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Naval Facilities Engineering Command

Groundwater Sample Results, Level 2 Laboratory Report, Level 4 Laboratory Report, Electronic Data Deliverable, Data Validation Report, and the Sample Location Report, SDG J28275-1

Naval Air Station Meridian
Meridian, Mississippi

July 2019

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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TestAmerica Job ID: 320-28275-1
Client Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

For:
CH2M Hill, Inc.
2411 Dulles Corner Park
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Herndon, Virginia 20171

Attn: Mr. Michael Zamboni

Authorized for release by:
5/30/2017 2:15:28 PM

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LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Qualifiers

LCMS

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.
M	Manual integrated compound.
J	Estimated: The analyte was positively identified; the quantitation is an estimation

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 320-28275-1

Laboratory: TestAmerica Sacramento

Narrative

CASE NARRATIVE

Client: CH2M Hill, Inc.

Project: Meridian 10006-7-105420 JM01 Navy Clean

Report Number: 320-28275-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Sacramento attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

TestAmerica utilizes USEPA approved methods and DOD QSM, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

All parameters for which TestAmerica Sacramento has certification were evaluated to the QSM specified reporting convention or to the client specified format if different from QSM. Parameters not certified under QSM, if any, were evaluated to the detection limit (DL) and include qualified results where applicable.

The sample(s) that contain constituents flagged with U are undetected. The result associated with this flag is the limit of detection (LOD).

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 05/15/2017; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 5.2 C.

The field sampler's name is not noted on the chain of custody (COC).

PFAS

The first level standard from the initial calibration curve is used to evaluate the tune criteria. The instrument mass windows are set at +/- 0.5amu; therefore, detection of the analyte serves as verification that the assigned mass is within +/- 0.5amu of the true value, which meets the DoD/DOE QSM tune criterion.

Samples DPTTankBlank-051117 (320-28275-10), PressWashBlank-051117 (320-28275-11), MEAFF-EB03-051117 (320-28275-12) and MEAFF-EB04-051117 (320-28275-13) were analyzed for PFAs in accordance with 537 Modified. The samples were prepared on 05/17/2017 and analyzed on 05/19/2017.

Job ID: 320-28275-1 (Continued)

Laboratory: TestAmerica Sacramento (Continued)

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-164983.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PERCENT SOLIDS

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-Unknown5-SB01-0001 — Lab Sample ID: 320-28275-1

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.21	J	0.58	0.12	ug/Kg	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.68	M	0.58	0.15	ug/Kg	1	☼	537 (Modified)	Total/NA

Client Sample ID: MEAFF-Unknown5-SB01-0204 — Lab Sample ID: 320-28275-2

No Detections.

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0001 — Lab Sample ID: 320-28275-3

No Detections.

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0204 — Lab Sample ID: 320-28275-4

No Detections.

Client Sample ID: MEAFF-FD05-051117 — Lab Sample ID: 320-28275-5

No Detections.

Client Sample ID: MEAFF-T45C_05_2008-SB01-0406 — Lab Sample ID: 320-28275-6

No Detections.

Client Sample ID: MEAFF-T45C_05_2008-SB01-0608 — Lab Sample ID: 320-28275-7

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.17	J M	0.59	0.12	ug/Kg	1	☼	537 (Modified)	Total/NA

Client Sample ID: MEAFF-T45C_2003-SB01-0001 — Lab Sample ID: 320-28275-8

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.87		0.58	0.12	ug/Kg	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.80	M	0.58	0.15	ug/Kg	1	☼	537 (Modified)	Total/NA

Client Sample ID: MEAFF-T45C_2003-SB01-0204 — Lab Sample ID: 320-28275-9

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.14	J M	0.63	0.13	ug/Kg	1	☼	537 (Modified)	Total/NA

Client Sample ID: DPTTankBlank-051117 — Lab Sample ID: 320-28275-10

No Detections.

Client Sample ID: PressWashBlank-051117 — Lab Sample ID: 320-28275-11

No Detections.

Client Sample ID: MEAFF-EB03-051117 — Lab Sample ID: 320-28275-12

No Detections.

Client Sample ID: MEAFF-EB04-051117 — Lab Sample ID: 320-28275-13

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-EB04-051117 (Continued) — Lab Sample ID: 320-28275-13

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	1.6	J M	3.7	1.2	ng/L	1		537 (Modified)	Total/NA

Client Sample ID: MEAFF-Unknown6-SB01-0001 — Lab Sample ID: 320-28275-14

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.43	J M	0.58	0.12	ug/Kg	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.6	M	0.58	0.15	ug/Kg	1	☼	537 (Modified)	Total/NA

Client Sample ID: MEAFF-Unknown6-SB01-0204 — Lab Sample ID: 320-28275-15

No Detections.

Client Sample ID: MEAFF-T-45C_2004-SB01-0001 — Lab Sample ID: 320-28275-16

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.21	J	0.55	0.11	ug/Kg	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.20	J	0.55	0.14	ug/Kg	1	☼	537 (Modified)	Total/NA

Client Sample ID: MEAFF-T-45C_2004-SB01-0204 — Lab Sample ID: 320-28275-17

No Detections.

Client Sample ID: MEAFF-T-2C_1996-SB01-0001 — Lab Sample ID: 320-28275-18

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.87		0.57	0.12	ug/Kg	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.3	M	0.57	0.14	ug/Kg	1	☼	537 (Modified)	Total/NA

Client Sample ID: MEAFF-T-2C_1996-SB01-0204 — Lab Sample ID: 320-28275-19

No Detections.

Client Sample ID: MEAFF-TA-4J_1984-SB01-0001 — Lab Sample ID: 320-28275-20

No Detections.

Client Sample ID: MEAFF-TA-4J_1984-SB01-0204 — Lab Sample ID: 320-28275-21

No Detections.

Client Sample ID: MEAFF-FD06-051217 — Lab Sample ID: 320-28275-22

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-Unknown5-SB01-0001

Lab Sample ID: 320-28275-1
Date Collected: 05/11/17 11:18
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 86.1

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.21	J	0.58	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 22:09	1
Perfluorooctanesulfonic acid (PFOS)	0.68	M	0.58	0.15	ug/Kg	☼	05/18/17 10:15	05/25/17 22:09	1
Perfluorobutanesulfonic acid (PFBS)	0.35	U	0.46	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 22:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*87*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:09*	*1*
13C4 PFOS	*40*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:09*	*1*
18O2 PFHxS	*66*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:09*	*1*

Client Sample ID: MEAFF-Unknown5-SB01-0204

Lab Sample ID: 320-28275-2
Date Collected: 05/11/17 11:23
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 81.2

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.37	U	0.62	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 22:16	1
Perfluorooctanesulfonic acid (PFOS)	0.37	U	0.62	0.16	ug/Kg	☼	05/18/17 10:15	05/25/17 22:16	1
Perfluorobutanesulfonic acid (PFBS)	0.37	U	0.50	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 22:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*75*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:16*	*1*
13C4 PFOS	*40*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:16*	*1*
18O2 PFHxS	*72*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:16*	*1*

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0001

Lab Sample ID: 320-28275-3
Date Collected: 05/11/17 13:40
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 89.0

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.34	U	0.56	0.11	ug/Kg	☼	05/18/17 10:15	05/25/17 22:39	1
Perfluorooctanesulfonic acid (PFOS)	0.34	U	0.56	0.14	ug/Kg	☼	05/18/17 10:15	05/25/17 22:39	1
Perfluorobutanesulfonic acid (PFBS)	0.34	U	0.45	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 22:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*101*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:39*	*1*
13C4 PFOS	*71*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:39*	*1*
18O2 PFHxS	*85*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:39*	*1*

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0204

Lab Sample ID: 320-28275-4
Date Collected: 05/11/17 13:45
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 89.3

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.34	U	0.56	0.11	ug/Kg	☼	05/18/17 10:15	05/25/17 22:46	1
Perfluorooctanesulfonic acid (PFOS)	0.34	U M	0.56	0.14	ug/Kg	☼	05/18/17 10:15	05/25/17 22:46	1
Perfluorobutanesulfonic acid (PFBS)	0.34	U	0.45	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 22:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*95*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:46*	*1*
13C4 PFOS	*69*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:46*	*1*

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0204 — Lab Sample ID: 320-28275-4

Date Collected: 05/11/17 13:45 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 89.3**

Method: 537 (Modified) - Perfluorinated Hydrocarbons (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*83*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:46*	*1*

Client Sample ID: MEAFF-FD05-051117 — Lab Sample ID: 320-28275-5

Date Collected: 05/11/17 00:00 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 81.9**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.37	U	0.62	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 22:54	1
Perfluorooctanesulfonic acid (PFOS)	0.37	U	0.62	0.16	ug/Kg	☼	05/18/17 10:15	05/25/17 22:54	1
Perfluorobutanesulfonic acid (PFBS)	0.37	U	0.49	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 22:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*78*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:54*	*1*
13C4 PFOS	*31*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:54*	*1*
18O2 PFHxS	*72*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:54*	*1*

Client Sample ID: MEAFF-T45C_05_2008-SB01-0406 — Lab Sample ID: 320-28275-6

Date Collected: 05/11/17 14:30 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 81.8**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.36	U M	0.60	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:01	1
Perfluorooctanesulfonic acid (PFOS)	0.36	U	0.60	0.15	ug/Kg	☼	05/18/17 10:15	05/25/17 23:01	1
Perfluorobutanesulfonic acid (PFBS)	0.36	U	0.48	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*86*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:01*	*1*
13C4 PFOS	*46*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:01*	*1*
18O2 PFHxS	*74*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:01*	*1*

Client Sample ID: MEAFF-T45C_05_2008-SB01-0608 — Lab Sample ID: 320-28275-7

Date Collected: 05/11/17 14:38 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 83.9**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**0.17**	**J M**	0.59	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:16	1
Perfluorooctanesulfonic acid (PFOS)	0.35	U	0.59	0.15	ug/Kg	☼	05/18/17 10:15	05/25/17 23:16	1
Perfluorobutanesulfonic acid (PFBS)	0.35	U	0.47	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*95*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:16*	*1*
13C4 PFOS	*51*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:16*	*1*
18O2 PFHxS	*76*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:16*	*1*

Client Sample Results

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-T45C_2003-SB01-0001

Lab Sample ID: 320-28275-8
Date Collected: 05/11/17 16:25
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 84.9

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**0.87**		0.58	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:24	1
Perfluorooctanesulfonic acid (PFOS)	**0.80**	**M**	0.58	0.15	ug/Kg	☼	05/18/17 10:15	05/25/17 23:24	1
Perfluorobutanesulfonic acid (PFBS)	0.35	U M	0.47	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*79*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:24*	*1*
13C4 PFOS	*69*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:24*	*1*
18O2 PFHxS	*74*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:24*	*1*

Client Sample ID: MEAFF-T45C_2003-SB01-0204

Lab Sample ID: 320-28275-9
Date Collected: 05/11/17 16:28
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 79.6

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**0.14**	**J M**	0.63	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 23:31	1
Perfluorooctanesulfonic acid (PFOS)	0.38	U	0.63	0.16	ug/Kg	☼	05/18/17 10:15	05/25/17 23:31	1
Perfluorobutanesulfonic acid (PFBS)	0.38	U	0.50	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 23:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*77*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:31*	*1*
13C4 PFOS	*32*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:31*	*1*
18O2 PFHxS	*64*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:31*	*1*

Client Sample ID: DPTTankBlank-051117

Lab Sample ID: 320-28275-10
Date Collected: 05/11/17 11:00
Matrix: Water
Date Received: 05/15/17 09:00

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	1.6	U	2.0	0.60	ng/L		05/17/17 14:18	05/19/17 07:14	1
Perfluorooctanesulfonic acid (PFOS)	2.4	U	3.2	1.0	ng/L		05/17/17 14:18	05/19/17 07:14	1
Perfluorobutanesulfonic acid (PFBS)	1.6	U	2.0	0.73	ng/L		05/17/17 14:18	05/19/17 07:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*77*		*25 - 150*	*05/17/17 14:18*	*05/19/17 07:14*	*1*
13C4 PFOS	*113*		*25 - 150*	*05/17/17 14:18*	*05/19/17 07:14*	*1*
18O2 PFHxS	*111*		*25 - 150*	*05/17/17 14:18*	*05/19/17 07:14*	*1*

Client Sample ID: PressWashBlank-051117

Lab Sample ID: 320-28275-11
Date Collected: 05/11/17 11:05
Matrix: Water
Date Received: 05/15/17 09:00

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	1.8	U	2.2	0.65	ng/L		05/17/17 14:18	05/19/17 07:21	1
Perfluorooctanesulfonic acid (PFOS)	2.6	U	3.5	1.1	ng/L		05/17/17 14:18	05/19/17 07:21	1
Perfluorobutanesulfonic acid (PFBS)	1.8	U	2.2	0.80	ng/L		05/17/17 14:18	05/19/17 07:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*80*		*25 - 150*	*05/17/17 14:18*	*05/19/17 07:21*	*1*
13C4 PFOS	*115*		*25 - 150*	*05/17/17 14:18*	*05/19/17 07:21*	*1*

Client Sample ID: PressWashBlank-051117 — Lab Sample ID: 320-28275-11

Date Collected: 05/11/17 11:05 — **Matrix: Water**
Date Received: 05/15/17 09:00

Method: 537 (Modified) - Perfluorinated Hydrocarbons (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
18O2 PFHxS	111		25 - 150	05/17/17 14:18	05/19/17 07:21	1

Client Sample ID: MEAFF-EB03-051117 — Lab Sample ID: 320-28275-12

Date Collected: 05/11/17 11:10 — **Matrix: Water**
Date Received: 05/15/17 09:00

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	1.8	U	2.2	0.67	ng/L		05/17/17 14:18	05/19/17 07:29	1
Perfluorooctanesulfonic acid (PFOS)	2.7	U	3.6	1.1	ng/L		05/17/17 14:18	05/19/17 07:29	1
Perfluorobutanesulfonic acid (PFBS)	1.8	U	2.2	0.82	ng/L		05/17/17 14:18	05/19/17 07:29	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOA	121		25 - 150	05/17/17 14:18	05/19/17 07:29	1
13C4 PFOS	112		25 - 150	05/17/17 14:18	05/19/17 07:29	1
18O2 PFHxS	106		25 - 150	05/17/17 14:18	05/19/17 07:29	1

Client Sample ID: MEAFF-EB04-051117 — Lab Sample ID: 320-28275-13

Date Collected: 05/11/17 16:05 — **Matrix: Water**
Date Received: 05/15/17 09:00

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	1.8	U	2.3	0.69	ng/L		05/17/17 14:18	05/19/17 07:36	1
Perfluorooctanesulfonic acid (PFOS)	**1.6**	**J M**	3.7	1.2	ng/L		05/17/17 14:18	05/19/17 07:36	1
Perfluorobutanesulfonic acid (PFBS)	1.8	U	2.3	0.85	ng/L		05/17/17 14:18	05/19/17 07:36	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOA	125		25 - 150	05/17/17 14:18	05/19/17 07:36	1
13C4 PFOS	110		25 - 150	05/17/17 14:18	05/19/17 07:36	1
18O2 PFHxS	108		25 - 150	05/17/17 14:18	05/19/17 07:36	1

Client Sample ID: MEAFF-Unknown6-SB01-0001 — Lab Sample ID: 320-28275-14

Date Collected: 05/12/17 12:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 84.7**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**0.43**	**J M**	0.58	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:39	1
Perfluorooctanesulfonic acid (PFOS)	**1.6**	**M**	0.58	0.15	ug/Kg	☼	05/18/17 10:15	05/25/17 23:39	1
Perfluorobutanesulfonic acid (PFBS)	0.35	U M	0.47	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:39	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOA	84		25 - 150	05/18/17 10:15	05/25/17 23:39	1
13C4 PFOS	56		25 - 150	05/18/17 10:15	05/25/17 23:39	1
18O2 PFHxS	70		25 - 150	05/18/17 10:15	05/25/17 23:39	1

Client Sample Results

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-Unknown6-SB01-0204

Lab Sample ID: 320-28275-15
Date Collected: 05/12/17 12:07
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 79.3

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.38	U M	0.63	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 23:46	1
Perfluorooctanesulfonic acid (PFOS)	0.38	U	0.63	0.16	ug/Kg	☼	05/18/17 10:15	05/25/17 23:46	1
Perfluorobutanesulfonic acid (PFBS)	0.38	U M	0.50	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 23:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*117*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:46*	*1*
13C4 PFOS	*77*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:46*	*1*
18O2 PFHxS	*95*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:46*	*1*

Client Sample ID: MEAFF-T-45C_2004-SB01-0001

Lab Sample ID: 320-28275-16
Date Collected: 05/12/17 13:02
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 91.2

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**0.21**	**J**	0.55	0.11	ug/Kg	☼	05/18/17 10:15	05/25/17 23:54	1
Perfluorooctanesulfonic acid (PFOS)	**0.20**	**J**	0.55	0.14	ug/Kg	☼	05/18/17 10:15	05/25/17 23:54	1
Perfluorobutanesulfonic acid (PFBS)	0.33	U M	0.44	0.11	ug/Kg	☼	05/18/17 10:15	05/25/17 23:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*66*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:54*	*1*
13C4 PFOS	*57*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:54*	*1*
18O2 PFHxS	*54*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:54*	*1*

Client Sample ID: MEAFF-T-45C_2004-SB01-0204

Lab Sample ID: 320-28275-17
Date Collected: 05/12/17 13:05
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 89.6

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.33	U	0.55	0.11	ug/Kg	☼	05/18/17 10:15	05/26/17 00:01	1
Perfluorooctanesulfonic acid (PFOS)	0.33	U	0.55	0.14	ug/Kg	☼	05/18/17 10:15	05/26/17 00:01	1
Perfluorobutanesulfonic acid (PFBS)	0.33	U	0.44	0.11	ug/Kg	☼	05/18/17 10:15	05/26/17 00:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*95*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:01*	*1*
13C4 PFOS	*49*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:01*	*1*
18O2 PFHxS	*79*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:01*	*1*

Client Sample ID: MEAFF-T-2C_1996-SB01-0001

Lab Sample ID: 320-28275-18
Date Collected: 05/12/17 14:05
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 88.1

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**0.87**		0.57	0.12	ug/Kg	☼	05/18/17 10:15	05/26/17 00:09	1
Perfluorooctanesulfonic acid (PFOS)	**2.3**	**M**	0.57	0.14	ug/Kg	☼	05/18/17 10:15	05/26/17 00:09	1
Perfluorobutanesulfonic acid (PFBS)	0.34	U M	0.46	0.12	ug/Kg	☼	05/18/17 10:15	05/26/17 00:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*71*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:09*	*1*
13C4 PFOS	*25*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:09*	*1*

Client Sample ID: MEAFF-T-2C_1996-SB01-0001 — Lab Sample ID: 320-28275-18

Date Collected: 05/12/17 14:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 88.1**

Method: 537 (Modified) - Perfluorinated Hydrocarbons (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*62*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:09*	*1*

Client Sample ID: MEAFF-T-2C_1996-SB01-0204 — Lab Sample ID: 320-28275-19

Date Collected: 05/12/17 14:07 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 86.9**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.34	U	0.57	0.12	ug/Kg	☼	05/18/17 10:15	05/26/17 00:16	1
Perfluorooctanesulfonic acid (PFOS)	0.34	U	0.57	0.14	ug/Kg	☼	05/18/17 10:15	05/26/17 00:16	1
Perfluorobutanesulfonic acid (PFBS)	0.34	U	0.46	0.12	ug/Kg	☼	05/18/17 10:15	05/26/17 00:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*88*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:16*	*1*
13C4 PFOS	*46*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:16*	*1*
18O2 PFHxS	*77*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:16*	*1*

Client Sample ID: MEAFF-TA-4J_1984-SB01-0001 — Lab Sample ID: 320-28275-20

Date Collected: 05/12/17 15:03 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 87.5**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.34	U M	0.57	0.12	ug/Kg	☼	05/18/17 10:15	05/26/17 00:24	1
Perfluorooctanesulfonic acid (PFOS)	0.34	U	0.57	0.14	ug/Kg	☼	05/18/17 10:15	05/26/17 00:24	1
Perfluorobutanesulfonic acid (PFBS)	0.34	U M	0.46	0.12	ug/Kg	☼	05/18/17 10:15	05/26/17 00:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*95*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:24*	*1*
13C4 PFOS	*58*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:24*	*1*
18O2 PFHxS	*79*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:24*	*1*

Client Sample ID: MEAFF-TA-4J_1984-SB01-0204 — Lab Sample ID: 320-28275-21

Date Collected: 05/12/17 15:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 91.1**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.33	U M	0.55	0.11	ug/Kg	☼	05/18/17 10:15	05/26/17 00:39	1
Perfluorooctanesulfonic acid (PFOS)	0.33	U	0.55	0.14	ug/Kg	☼	05/18/17 10:15	05/26/17 00:39	1
Perfluorobutanesulfonic acid (PFBS)	0.33	U	0.44	0.11	ug/Kg	☼	05/18/17 10:15	05/26/17 00:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*93*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:39*	*1*
13C4 PFOS	*71*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:39*	*1*
18O2 PFHxS	*81*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:39*	*1*

Client Sample Results

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-FD06-051217

Date Collected: 05/12/17 00:00
Date Received: 05/15/17 09:00

Lab Sample ID: 320-28275-22

Matrix: Solid
Percent Solids: 92.1

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.33	U	0.54	0.11	ug/Kg	☼	05/18/17 10:15	05/26/17 00:46	1
Perfluorooctanesulfonic acid (PFOS)	0.33	U	0.54	0.14	ug/Kg	☼	05/18/17 10:15	05/26/17 00:46	1
Perfluorobutanesulfonic acid (PFBS)	0.33	U	0.43	0.11	ug/Kg	☼	05/18/17 10:15	05/26/17 00:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*88*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:46*	*1*
13C4 PFOS	*63*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:46*	*1*
18O2 PFHxS	*80*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:46*	*1*

Isotope Dilution Summary

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		3C4 PFO/	3C4 PFOS	3O2 PFHx					
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)					
320-28275-1	MEAFF-Unknown5-SB01-0001	87	40	66					
320-28275-2	MEAFF-Unknown5-SB01-0204	75	40	72					
320-28275-2 MS	MEAFF-Unknown5-SB01-0204	75	41	70					
320-28275-2 MSD	MEAFF-Unknown5-SB01-0204	75	45	73					
320-28275-3	MEAFF-TA-4_SOUTH-SB01-0001	101	71	85					
320-28275-4	MEAFF-TA-4_SOUTH-SB01-0204	95	69	83					
320-28275-5	MEAFF-FD05-051117	78	31	72					
320-28275-6	MEAFF-T45C_05_2008-SB01-0406	86	46	74					
320-28275-7	MEAFF-T45C_05_2008-SB01-0608	95	51	76					
320-28275-8	MEAFF-T45C_2003-SB01-0001	79	69	74					
320-28275-9	MEAFF-T45C_2003-SB01-0204	77	32	64					
320-28275-14	MEAFF-Unknown6-SB01-0001	84	56	70					
320-28275-15	MEAFF-Unknown6-SB01-0204	117	77	95					
320-28275-16	MEAFF-T-45C_2004-SB01-0001	66	57	54					
320-28275-17	MEAFF-T-45C_2004-SB01-0204	95	49	79					
320-28275-18	MEAFF-T-2C_1996-SB01-0001	71	25	62					
320-28275-19	MEAFF-T-2C_1996-SB01-0204	88	46	77					
320-28275-20	MEAFF-TA-4J_1984-SB01-0001	95	58	79					
320-28275-21	MEAFF-TA-4J_1984-SB01-0204	93	71	81					
320-28275-22	MEAFF-FD06-051217	88	63	80					
LCS 320-165098/2-A	Lab Control Sample	96	83	83					
MB 320-165098/1-A	Method Blank	96	82	84					

Surrogate Legend

13C4 PFOA = 13C4 PFOA
13C4 PFOS = 13C4 PFOS
18O2 PFHxS = 18O2 PFHxS

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		3C4 PFO/	3C4 PFOS	3O2 PFHx					
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)					
320-28275-10	DPTTankBlank-051117	77	113	111					
320-28275-11	PressWashBlank-051117	80	115	111					
320-28275-12	MEAFF-EB03-051117	121	112	106					
320-28275-13	MEAFF-EB04-051117	125	110	108					
LCS 320-164983/2-A	Lab Control Sample	117	106	102					
LCSD 320-164983/3-A	Lab Control Sample Dup	116	104	101					
MB 320-164983/1-A	Method Blank	123	106	108					

Surrogate Legend

13C4 PFOA = 13C4 PFOA

Isotope Dilution Summary

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

13C4 PFOS = 13C4 PFOS
18O2 PFHxS = 18O2 PFHxS

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Lab Sample ID: MB 320-164983/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 165301 — **Prep Batch: 164983**

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	2.0	U	2.5	0.75	ng/L		05/17/17 14:18	05/19/17 06:51	1
Perfluorooctanesulfonic acid (PFOS)	3.0	U	4.0	1.3	ng/L		05/17/17 14:18	05/19/17 06:51	1
Perfluorobutanesulfonic acid (PFBS)	2.0	U	2.5	0.92	ng/L		05/17/17 14:18	05/19/17 06:51	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*123*		*25 - 150*	*05/17/17 14:18*	*05/19/17 06:51*	*1*
13C4 PFOS	*106*		*25 - 150*	*05/17/17 14:18*	*05/19/17 06:51*	*1*
18O2 PFHxS	*108*		*25 - 150*	*05/17/17 14:18*	*05/19/17 06:51*	*1*

Lab Sample ID: LCS 320-164983/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 165301 — **Prep Batch: 164983**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanoic acid (PFOA)	40.0	37.8		ng/L		95	60 - 140
Perfluorooctanesulfonic acid (PFOS)	37.1	34.2		ng/L		92	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.4	36.5		ng/L		103	50 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFOA	*117*		*25 - 150*
13C4 PFOS	*106*		*25 - 150*
18O2 PFHxS	*102*		*25 - 150*

Lab Sample ID: LCSD 320-164983/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 165301 — **Prep Batch: 164983**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)	40.0	37.6		ng/L		94	60 - 140	1	30
Perfluorooctanesulfonic acid (PFOS)	37.1	34.9		ng/L		94	60 - 140	2	30
Perfluorobutanesulfonic acid (PFBS)	35.4	36.9		ng/L		104	50 - 150	1	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFOA	*116*		*25 - 150*
13C4 PFOS	*104*		*25 - 150*
18O2 PFHxS	*101*		*25 - 150*

Lab Sample ID: MB 320-165098/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 166365 — **Prep Batch: 165098**

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.30	U	0.50	0.10	ug/Kg		05/18/17 10:15	05/25/17 21:53	1
Perfluorooctanesulfonic acid (PFOS)	0.30	U	0.50	0.13	ug/Kg		05/18/17 10:15	05/25/17 21:53	1
Perfluorobutanesulfonic acid (PFBS)	0.30	U	0.40	0.10	ug/Kg		05/18/17 10:15	05/25/17 21:53	1

QC Sample Results

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOA	96		25 - 150	05/18/17 10:15	05/25/17 21:53	1
13C4 PFOS	82		25 - 150	05/18/17 10:15	05/25/17 21:53	1
18O2 PFHxS	84		25 - 150	05/18/17 10:15	05/25/17 21:53	1

Lab Sample ID: LCS 320-165098/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 166365 — **Prep Batch: 165098**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanoic acid (PFOA)	4.00	3.79		ug/Kg		95	60 - 140
Perfluorooctanesulfonic acid (PFOS)	3.71	3.48		ug/Kg		94	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.54	3.60		ug/Kg		102	50 - 150

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFOA	96		25 - 150
13C4 PFOS	83		25 - 150
18O2 PFHxS	83		25 - 150

Lab Sample ID: 320-28275-2 MS — **Client Sample ID: MEAFF-Unknown5-SB01-0204**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 166365 — **Prep Batch: 165098**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanoic acid (PFOA)	0.37	U	4.87	4.57		ug/Kg	☼	94	60 - 140
Perfluorooctanesulfonic acid (PFOS)	0.37	U	4.52	4.36		ug/Kg	☼	96	60 - 140
Perfluorobutanesulfonic acid (PFBS)	0.37	U	4.31	4.55		ug/Kg	☼	106	50 - 150

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFOA	75		25 - 150
13C4 PFOS	41		25 - 150
18O2 PFHxS	70		25 - 150

Lab Sample ID: 320-28275-2 MSD — **Client Sample ID: MEAFF-Unknown5-SB01-0204**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 166365 — **Prep Batch: 165098**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)	0.37	U	4.86	4.62		ug/Kg	☼	95	60 - 140	1	30
Perfluorooctanesulfonic acid (PFOS)	0.37	U	4.51	4.41		ug/Kg	☼	98	60 - 140	1	30
Perfluorobutanesulfonic acid (PFBS)	0.37	U	4.30	4.70		ug/Kg	☼	109	50 - 150	3	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFOA	75		25 - 150
13C4 PFOS	45		25 - 150
18O2 PFHxS	73		25 - 150

QC Association Summary

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

LCMS

Prep Batch: 164983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28275-10	DPTTankBlank-051117	Total/NA	Water	3535	
320-28275-11	PressWashBlank-051117	Total/NA	Water	3535	
320-28275-12	MEAFF-EB03-051117	Total/NA	Water	3535	
320-28275-13	MEAFF-EB04-051117	Total/NA	Water	3535	
MB 320-164983/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-164983/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-164983/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Prep Batch: 165098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28275-1	MEAFF-Unknown5-SB01-0001	Total/NA	Solid	SHAKE	
320-28275-2	MEAFF-Unknown5-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-3	MEAFF-TA-4_SOUTH-SB01-0001	Total/NA	Solid	SHAKE	
320-28275-4	MEAFF-TA-4_SOUTH-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-5	MEAFF-FD05-051117	Total/NA	Solid	SHAKE	
320-28275-6	MEAFF-T45C_05_2008-SB01-0406	Total/NA	Solid	SHAKE	
320-28275-7	MEAFF-T45C_05_2008-SB01-0608	Total/NA	Solid	SHAKE	
320-28275-8	MEAFF-T45C_2003-SB01-0001	Total/NA	Solid	SHAKE	
320-28275-9	MEAFF-T45C_2003-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-14	MEAFF-Unknown6-SB01-0001	Total/NA	Solid	SHAKE	
320-28275-15	MEAFF-Unknown6-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-16	MEAFF-T-45C_2004-SB01-0001	Total/NA	Solid	SHAKE	
320-28275-17	MEAFF-T-45C_2004-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-18	MEAFF-T-2C_1996-SB01-0001	Total/NA	Solid	SHAKE	
320-28275-19	MEAFF-T-2C_1996-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-20	MEAFF-TA-4J_1984-SB01-0001	Total/NA	Solid	SHAKE	
320-28275-21	MEAFF-TA-4J_1984-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-22	MEAFF-FD06-051217	Total/NA	Solid	SHAKE	
MB 320-165098/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-165098/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
320-28275-2 MS	MEAFF-Unknown5-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-2 MSD	MEAFF-Unknown5-SB01-0204	Total/NA	Solid	SHAKE	

Analysis Batch: 165301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28275-10	DPTTankBlank-051117	Total/NA	Water	537 (Modified)	164983
320-28275-11	PressWashBlank-051117	Total/NA	Water	537 (Modified)	164983
320-28275-12	MEAFF-EB03-051117	Total/NA	Water	537 (Modified)	164983
320-28275-13	MEAFF-EB04-051117	Total/NA	Water	537 (Modified)	164983
MB 320-164983/1-A	Method Blank	Total/NA	Water	537 (Modified)	164983
LCS 320-164983/2-A	Lab Control Sample	Total/NA	Water	537 (Modified)	164983
LCSD 320-164983/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Modified)	164983

Analysis Batch: 166365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28275-1	MEAFF-Unknown5-SB01-0001	Total/NA	Solid	537 (Modified)	165098
320-28275-2	MEAFF-Unknown5-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-3	MEAFF-TA-4_SOUTH-SB01-0001	Total/NA	Solid	537 (Modified)	165098
320-28275-4	MEAFF-TA-4_SOUTH-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-5	MEAFF-FD05-051117	Total/NA	Solid	537 (Modified)	165098
320-28275-6	MEAFF-T45C_05_2008-SB01-0406	Total/NA	Solid	537 (Modified)	165098

LCMS (Continued)

Analysis Batch: 166365 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28275-7	MEAFF-T45C_05_2008-SB01-0608	Total/NA	Solid	537 (Modified)	165098
320-28275-8	MEAFF-T45C_2003-SB01-0001	Total/NA	Solid	537 (Modified)	165098
320-28275-9	MEAFF-T45C_2003-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-14	MEAFF-Unknown6-SB01-0001	Total/NA	Solid	537 (Modified)	165098
320-28275-15	MEAFF-Unknown6-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-16	MEAFF-T-45C_2004-SB01-0001	Total/NA	Solid	537 (Modified)	165098
320-28275-17	MEAFF-T-45C_2004-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-18	MEAFF-T-2C_1996-SB01-0001	Total/NA	Solid	537 (Modified)	165098
320-28275-19	MEAFF-T-2C_1996-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-20	MEAFF-TA-4J_1984-SB01-0001	Total/NA	Solid	537 (Modified)	165098
320-28275-21	MEAFF-TA-4J_1984-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-22	MEAFF-FD06-051217	Total/NA	Solid	537 (Modified)	165098
MB 320-165098/1-A	Method Blank	Total/NA	Solid	537 (Modified)	165098
LCS 320-165098/2-A	Lab Control Sample	Total/NA	Solid	537 (Modified)	165098
320-28275-2 MS	MEAFF-Unknown5-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-2 MSD	MEAFF-Unknown5-SB01-0204	Total/NA	Solid	537 (Modified)	165098

General Chemistry

Analysis Batch: 165343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28275-5	MEAFF-FD05-051117	Total/NA	Solid	D 2216	

Analysis Batch: 165371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28275-1	MEAFF-Unknown5-SB01-0001	Total/NA	Solid	D 2216	
320-28275-2	MEAFF-Unknown5-SB01-0204	Total/NA	Solid	D 2216	
320-28275-3	MEAFF-TA-4_SOUTH-SB01-0001	Total/NA	Solid	D 2216	
320-28275-4	MEAFF-TA-4_SOUTH-SB01-0204	Total/NA	Solid	D 2216	
320-28275-6	MEAFF-T45C_05_2008-SB01-0406	Total/NA	Solid	D 2216	
320-28275-7	MEAFF-T45C_05_2008-SB01-0608	Total/NA	Solid	D 2216	
320-28275-8	MEAFF-T45C_2003-SB01-0001	Total/NA	Solid	D 2216	
320-28275-9	MEAFF-T45C_2003-SB01-0204	Total/NA	Solid	D 2216	
320-28275-14	MEAFF-Unknown6-SB01-0001	Total/NA	Solid	D 2216	
320-28275-15	MEAFF-Unknown6-SB01-0204	Total/NA	Solid	D 2216	
320-28275-16	MEAFF-T-45C_2004-SB01-0001	Total/NA	Solid	D 2216	
320-28275-17	MEAFF-T-45C_2004-SB01-0204	Total/NA	Solid	D 2216	
320-28275-18	MEAFF-T-2C_1996-SB01-0001	Total/NA	Solid	D 2216	
320-28275-19	MEAFF-T-2C_1996-SB01-0204	Total/NA	Solid	D 2216	
320-28275-20	MEAFF-TA-4J_1984-SB01-0001	Total/NA	Solid	D 2216	
320-28275-21	MEAFF-TA-4J_1984-SB01-0204	Total/NA	Solid	D 2216	
320-28275-22	MEAFF-FD06-051217	Total/NA	Solid	D 2216	

Lab Chronicle

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-Unknown5-SB01-0001 — Lab Sample ID: 320-28275-1

Date Collected: 05/11/17 11:18 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-Unknown5-SB01-0001 — Lab Sample ID: 320-28275-1

Date Collected: 05/11/17 11:18 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 86.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.01 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/25/17 22:09	CBW	TAL SAC

Client Sample ID: MEAFF-Unknown5-SB01-0204 — Lab Sample ID: 320-28275-2

Date Collected: 05/11/17 11:23 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-Unknown5-SB01-0204 — Lab Sample ID: 320-28275-2

Date Collected: 05/11/17 11:23 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 81.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			4.97 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/25/17 22:16	CBW	TAL SAC

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0001 — Lab Sample ID: 320-28275-3

Date Collected: 05/11/17 13:40 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0001 — Lab Sample ID: 320-28275-3

Date Collected: 05/11/17 13:40 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 89.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.02 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/25/17 22:39	CBW	TAL SAC

Lab Chronicle

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0204 — Lab Sample ID: 320-28275-4

Date Collected: 05/11/17 13:45 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0204 — Lab Sample ID: 320-28275-4

Date Collected: 05/11/17 13:45 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 89.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.01 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/25/17 22:46	CBW	TAL SAC

Client Sample ID: MEAFF-FD05-051117 — Lab Sample ID: 320-28275-5

Date Collected: 05/11/17 00:00 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165343	05/19/17 15:05	TCS	TAL SAC

Client Sample ID: MEAFF-FD05-051117 — Lab Sample ID: 320-28275-5

Date Collected: 05/11/17 00:00 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 81.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			4.96 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/25/17 22:54	CBW	TAL SAC

Client Sample ID: MEAFF-T45C_05_2008-SB01-0406 — Lab Sample ID: 320-28275-6

Date Collected: 05/11/17 14:30 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T45C_05_2008-SB01-0406 — Lab Sample ID: 320-28275-6

Date Collected: 05/11/17 14:30 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 81.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.07 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/25/17 23:01	CBW	TAL SAC

Lab Chronicle

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-T45C_05_2008-SB01-0608 — Lab Sample ID: 320-28275-7

Date Collected: 05/11/17 14:38 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T45C_05_2008-SB01-0608 — Lab Sample ID: 320-28275-7

Date Collected: 05/11/17 14:38 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 83.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.05 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/25/17 23:16	CBW	TAL SAC

Client Sample ID: MEAFF-T45C_2003-SB01-0001 — Lab Sample ID: 320-28275-8

Date Collected: 05/11/17 16:25 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T45C_2003-SB01-0001 — Lab Sample ID: 320-28275-8

Date Collected: 05/11/17 16:25 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 84.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.04 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/25/17 23:24	CBW	TAL SAC

Client Sample ID: MEAFF-T45C_2003-SB01-0204 — Lab Sample ID: 320-28275-9

Date Collected: 05/11/17 16:28 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T45C_2003-SB01-0204 — Lab Sample ID: 320-28275-9

Date Collected: 05/11/17 16:28 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 79.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			4.99 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/25/17 23:31	CBW	TAL SAC

Lab Chronicle

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: DPTTankBlank-051117 — Lab Sample ID: 320-28275-10

Date Collected: 05/11/17 11:00 — **Matrix: Water**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			312.3 mL	0.50 mL	164983	05/17/17 14:18	JER	TAL SAC
Total/NA	Analysis	537 (Modified)		1			165301	05/19/17 07:14	SBC	TAL SAC

Client Sample ID: PressWashBlank-051117 — Lab Sample ID: 320-28275-11

Date Collected: 05/11/17 11:05 — **Matrix: Water**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			285.5 mL	0.50 mL	164983	05/17/17 14:18	JER	TAL SAC
Total/NA	Analysis	537 (Modified)		1			165301	05/19/17 07:21	SBC	TAL SAC

Client Sample ID: MEAFF-EB03-051117 — Lab Sample ID: 320-28275-12

Date Collected: 05/11/17 11:10 — **Matrix: Water**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			280.8 mL	0.50 mL	164983	05/17/17 14:18	JER	TAL SAC
Total/NA	Analysis	537 (Modified)		1			165301	05/19/17 07:29	SBC	TAL SAC

Client Sample ID: MEAFF-EB04-051117 — Lab Sample ID: 320-28275-13

Date Collected: 05/11/17 16:05 — **Matrix: Water**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			271.1 mL	0.50 mL	164983	05/17/17 14:18	JER	TAL SAC
Total/NA	Analysis	537 (Modified)		1			165301	05/19/17 07:36	SBC	TAL SAC

Client Sample ID: MEAFF-Unknown6-SB01-0001 — Lab Sample ID: 320-28275-14

Date Collected: 05/12/17 12:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-Unknown6-SB01-0001 — Lab Sample ID: 320-28275-14

Date Collected: 05/12/17 12:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 84.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.07 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/25/17 23:39	CBW	TAL SAC

Lab Chronicle

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-Unknown6-SB01-0204 — Lab Sample ID: 320-28275-15

Date Collected: 05/12/17 12:07 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-Unknown6-SB01-0204 — Lab Sample ID: 320-28275-15

Date Collected: 05/12/17 12:07 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 79.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.02 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/25/17 23:46	CBW	TAL SAC

Client Sample ID: MEAFF-T-45C_2004-SB01-0001 — Lab Sample ID: 320-28275-16

Date Collected: 05/12/17 13:02 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T-45C_2004-SB01-0001 — Lab Sample ID: 320-28275-16

Date Collected: 05/12/17 13:02 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 91.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			4.98 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/25/17 23:54	CBW	TAL SAC

Client Sample ID: MEAFF-T-45C_2004-SB01-0204 — Lab Sample ID: 320-28275-17

Date Collected: 05/12/17 13:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T-45C_2004-SB01-0204 — Lab Sample ID: 320-28275-17

Date Collected: 05/12/17 13:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 89.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.08 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/26/17 00:01	CBW	TAL SAC

Lab Chronicle

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-T-2C_1996-SB01-0001 — Lab Sample ID: 320-28275-18

Date Collected: 05/12/17 14:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T-2C_1996-SB01-0001 — Lab Sample ID: 320-28275-18

Date Collected: 05/12/17 14:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 88.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			4.97 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/26/17 00:09	CBW	TAL SAC

Client Sample ID: MEAFF-T-2C_1996-SB01-0204 — Lab Sample ID: 320-28275-19

Date Collected: 05/12/17 14:07 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T-2C_1996-SB01-0204 — Lab Sample ID: 320-28275-19

Date Collected: 05/12/17 14:07 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 86.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.03 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/26/17 00:16	CBW	TAL SAC

Client Sample ID: MEAFF-TA-4J_1984-SB01-0001 — Lab Sample ID: 320-28275-20

Date Collected: 05/12/17 15:03 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-TA-4J_1984-SB01-0001 — Lab Sample ID: 320-28275-20

Date Collected: 05/12/17 15:03 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 87.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			4.97 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/26/17 00:24	CBW	TAL SAC

Lab Chronicle

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-TA-4J_1984-SB01-0204 — Lab Sample ID: 320-28275-21

Date Collected: 05/12/17 15:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-TA-4J_1984-SB01-0204 — Lab Sample ID: 320-28275-21

Date Collected: 05/12/17 15:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 91.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			4.97 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/26/17 00:39	CBW	TAL SAC

Client Sample ID: MEAFF-FD06-051217 — Lab Sample ID: 320-28275-22

Date Collected: 05/12/17 00:00 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-FD06-051217 — Lab Sample ID: 320-28275-22

Date Collected: 05/12/17 00:00 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 92.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.01 g	1.00 mL	165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1			166365	05/26/17 00:46	CBW	TAL SAC

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Laboratory: TestAmerica Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska (UST)	State Program	10	UST-055	12-18-17
Arizona	State Program	9	AZ0708	08-11-17
Arkansas DEQ	State Program	6	88-0691	06-17-18
California	State Program	9	2897	01-31-18
Colorado	State Program	8	CA00044	08-31-17
Connecticut	State Program	1	PH-0691	06-30-17
Florida	NELAP	4	E87570	06-30-17
Hawaii	State Program	9	N/A	01-29-18
Illinois	NELAP	5	200060	03-17-18
Kansas	NELAP	7	E-10375	10-31-17
L-A-B	DoD ELAP		L2468	01-20-18
Louisiana	NELAP	6	30612	06-30-17
Maine	State Program	1	CA0004	04-18-18
Michigan	State Program	5	9947	01-31-18
Nevada	State Program	9	CA00044	07-31-17
New Hampshire	NELAP	1	2997	04-18-18
New Jersey	NELAP	2	CA005	06-30-17
New York	NELAP	2	11666	04-01-18
Oregon	NELAP	10	4040	01-28-18
Pennsylvania	NELAP	3	68-01272	03-31-18
Texas	NELAP	6	T104704399	05-31-18
US Fish & Wildlife	Federal		LE148388-0	10-31-17
USDA	Federal		P330-11-00436	12-30-17
USEPA UCMR	Federal	1	CA00044	11-06-18
Utah	NELAP	8	CA00044	02-28-18
Virginia	NELAP	3	460278	03-14-18
Washington	State Program	10	C581	05-05-18
West Virginia (DW)	State Program	3	9930C	12-31-17
Wyoming	State Program	8	8TMS-L	01-29-17 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Method	Method Description	Protocol	Laboratory
537 (Modified)	Perfluorinated Hydrocarbons	EPA	TAL SAC
D 2216	Percent Moisture	ASTM	TAL SAC

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-28275-1	MEAFF-Unknown5-SB01-0001	Solid	05/11/17 11:18	05/15/17 09:00
320-28275-2	MEAFF-Unknown5-SB01-0204	Solid	05/11/17 11:23	05/15/17 09:00
320-28275-3	MEAFF-TA-4_SOUTH-SB01-0001	Solid	05/11/17 13:40	05/15/17 09:00
320-28275-4	MEAFF-TA-4_SOUTH-SB01-0204	Solid	05/11/17 13:45	05/15/17 09:00
320-28275-5	MEAFF-FD05-051117	Solid	05/11/17 00:00	05/15/17 09:00
320-28275-6	MEAFF-T45C_05_2008-SB01-0406	Solid	05/11/17 14:30	05/15/17 09:00
320-28275-7	MEAFF-T45C_05_2008-SB01-0608	Solid	05/11/17 14:38	05/15/17 09:00
320-28275-8	MEAFF-T45C_2003-SB01-0001	Solid	05/11/17 16:25	05/15/17 09:00
320-28275-9	MEAFF-T45C_2003-SB01-0204	Solid	05/11/17 16:28	05/15/17 09:00
320-28275-10	DPTTankBlank-051117	Water	05/11/17 11:00	05/15/17 09:00
320-28275-11	PressWashBlank-051117	Water	05/11/17 11:05	05/15/17 09:00
320-28275-12	MEAFF-EB03-051117	Water	05/11/17 11:10	05/15/17 09:00
320-28275-13	MEAFF-EB04-051117	Water	05/11/17 16:05	05/15/17 09:00
320-28275-14	MEAFF-Unknown6-SB01-0001	Solid	05/12/17 12:05	05/15/17 09:00
320-28275-15	MEAFF-Unknown6-SB01-0204	Solid	05/12/17 12:07	05/15/17 09:00
320-28275-16	MEAFF-T-45C_2004-SB01-0001	Solid	05/12/17 13:02	05/15/17 09:00
320-28275-17	MEAFF-T-45C_2004-SB01-0204	Solid	05/12/17 13:05	05/15/17 09:00
320-28275-18	MEAFF-T-2C_1996-SB01-0001	Solid	05/12/17 14:05	05/15/17 09:00
320-28275-19	MEAFF-T-2C_1996-SB01-0204	Solid	05/12/17 14:07	05/15/17 09:00
320-28275-20	MEAFF-TA-4J_1984-SB01-0001	Solid	05/12/17 15:03	05/15/17 09:00
320-28275-21	MEAFF-TA-4J_1984-SB01-0204	Solid	05/12/17 15:05	05/15/17 09:00
320-28275-22	MEAFF-FD06-051217	Solid	05/12/17 00:00	05/15/17 09:00

TestAmerica Sacramento
880 Riverside Parkway

West Sacramento, CA 95605-1500
phone 916.373.5600 fax 303.467.7248

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Bryan Burkingstock	Site Contact: Ryan Brown	Date: 5/12/17	COC No: 8
CH2M Hill	Tel/Fax: 678 rwb	Lab Contact: Jill Kellmann	Carrier: FedEx	1 of 2 COCs
6600 Peachtree Dunwoody Rd., 400 Embassy Row, Suite 600	Analysis Turnaround Time			Sampler:
Atlanta, GA 30328	☒ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
(678) 530-4060 Phone	TAT if different from Below 28 days			Walk-in Client:
(770) 604-9183 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Meridian 10006-7-105420 JM01 Navy Clean	☐ 1 week			
Site: NAS Meridian	☐ 2 days			Job / SDG No.:
P O #: 10006-7-105420	☐ 1 day			

320-28275 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	PFCs (EPA 537M)	Sample Specific Notes:
MEAFF-Unknown 5-PSB01-0001 rwb	5/11/17	1118	G	SO	1	N	N	X	
MEAFF-Unknown 5-SB01-0204		1123							
MEAFF-TA-4_SOUTH-SB01-0001		1340							
MEAFF-TA-4_SOUTH-SB01-0204		1345							
MEAFF-FD05-051117		—							field duplicate
MEAFF-T45C_05_2008-SB01-0406		1430							
* MEAFF-T45C-05-2008-SB01-0608		1438							
MEAFF-T45C-2008 3 rwb-SB01-0001		1625							
MEAFF-T45C-2008 3 rwb-SB01-0204		1628							
DPT Tank Blank-051117		1100		W	2				
Press Wash Blank-051117		1105							
MEAFF-EB03-051117		1110							equipment blank acetate liner

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Send results to Mike Zamboni - address is on file
* sample at 1430 & Chain at 1438. AA 5/16/17

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 4.9 Corr'd: 5.2 | Therm ID No.: AK1

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Ryan Brown	CH2M Hill	5/12/17 @ 1800	Jim Nelson	GAUS	5/15/17 900
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.11, dated 1/24/2017

TestAmerica Sacramento
880 Riverside Parkway

West Sacramento, CA 95605-1500
phone 916.373.5600 fax 303.467.7248

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Bryan Burkingstock	Site Contact: Ryan Brown	Date: 5/12/17	COC No: 8
CH2M Hill	Tel/Fax:	Lab Contact: Jill Kellmann	Carrier: FedEx	2 of 2 COCs
6600 Peachtree Dunwoody Rd., 400 Embassy Row, Suite 600	**Analysis Turnaround Time**			Sampler:
Atlanta, GA 30328	☒ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
(678) 530-4060 Phone	TAT if different from Below 28 days			Walk-in Client:
(770) 604-9183 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Meridian 10006-7-105420 JM01 Navy Clean	☐ 1 week			
Site: NAS Meridian	☐ 2 days			Job / SDG No.:
P O #: 10006-7-105420	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	PFCs (EPA 537M)	Sample Specific Notes:
MEAFF-EB04-051117	5/11/17	1605	G	W	2	X	X	X	equipment blank hand auger
MEAFF-~~UNKNOWN~~ Unknown6-SB01-0001	5/12/17	1205	G	SO	1				
MEAFF-Unknown6-SB01-0204		1207							
MEAFF-T-45C-2004-SB01-0001		1302							
MEAFF-T-45C-2004-SB01-0204		1305							
MEAFF-T-2C-1996-SB01-0001		1405							
MEAFF-T-2C-1996-SB01-0204		1407							
MEAFF-TA-4J-1984-SB01-0001		1503							
MEAFF-TA-4J-1984-SB01-0204		1505							
MEAFF-FD06-051217	↓	—	↓	↓	↓	↓	↓	↓	field duplicate

Preservation Used: (1= Ice) 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Send results to Mike Zamboni - address on file

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Ryan Brown	CH2M Hill	5/12/17 @ 1700	John Nelson	TAS	5/15/17 900
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.11, dated 1/24/2017

Login Sample Receipt Checklist

Client: CH2M Hill, Inc.

Job Number: 320-28275-1

Login Number: 28275
List Number: 1
Creator: Turpen, Troy

List Source: TestAmerica Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Refer to Job Narrative for details.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 320-28275-1

Job Description: Meridian 10006-7-105420 JM01 Navy Clean

For:
CH2M Hill, Inc.
2411 Dulles Corner Park
Suite 500
Herndon, VA 20171

Attention: Mr. Michael Zamboni

Approved for release.
Jill Kellmann
Manager of Project Management
5/30/2017 2:16 PM

Jill Kellmann, Manager of Project Management
880 Riverside Parkway, West Sacramento, CA, 95605
(916)374-4402
jill.kellmann@testamericainc.com
05/30/2017

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Qualifiers

LCMS

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.
M	Manual integrated compound.
J	Estimated: The analyte was positively identified; the quantitation is an estimation

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

CASE NARRATIVE

Client: CH2M Hill, Inc.

Project: Meridian 10006-7-105420 JM01 Navy Clean

Report Number: 320-28275-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Sacramento attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

TestAmerica utilizes USEPA approved methods and DOD QSM, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

All parameters for which TestAmerica Sacramento has certification were evaluated to the QSM specified reporting convention or to the client specified format if different from QSM. Parameters not certified under QSM, if any, were evaluated to the detection limit (DL) and include qualified results where applicable.

The sample(s) that contain constituents flagged with U are undetected. The result associated with this flag is the limit of detection (LOD).

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 05/15/2017; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 5.2 C.

The field sampler's name is not noted on the chain of custody (COC).

PFAS

The first level standard from the initial calibration curve is used to evaluate the tune criteria. The instrument mass windows are set at +/- 0.5amu; therefore, detection of the analyte serves as verification that the assigned mass is within +/- 0.5amu of the true value, which meets the DoD/DOE QSM tune criterion.

Samples DPTTankBlank-051117 (320-28275-10), PressWashBlank-051117 (320-28275-11), MEAFF-EB03-051117 (320-28275-12) and MEAFF-EB04-051117 (320-28275-13) were analyzed for PFAs in accordance with 537 Modified. The samples were prepared on 05/17/2017 and analyzed on 05/19/2017.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-164983.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PERCENT SOLIDS

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-Unknown5-SB01-0001 — Lab Sample ID: 320-28275-1

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.21	J	0.58	0.12	ug/Kg	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.68	M	0.58	0.15	ug/Kg	1	☼	537 (Modified)	Total/NA

Client Sample ID: MEAFF-Unknown5-SB01-0204 — Lab Sample ID: 320-28275-2

No Detections.

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0001 — Lab Sample ID: 320-28275-3

No Detections.

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0204 — Lab Sample ID: 320-28275-4

No Detections.

Client Sample ID: MEAFF-FD05-051117 — Lab Sample ID: 320-28275-5

No Detections.

Client Sample ID: MEAFF-T45C_05_2008-SB01-0406 — Lab Sample ID: 320-28275-6

No Detections.

Client Sample ID: MEAFF-T45C_05_2008-SB01-0608 — Lab Sample ID: 320-28275-7

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.17	J M	0.59	0.12	ug/Kg	1	☼	537 (Modified)	Total/NA

Client Sample ID: MEAFF-T45C_2003-SB01-0001 — Lab Sample ID: 320-28275-8

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.87		0.58	0.12	ug/Kg	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.80	M	0.58	0.15	ug/Kg	1	☼	537 (Modified)	Total/NA

Client Sample ID: MEAFF-T45C_2003-SB01-0204 — Lab Sample ID: 320-28275-9

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.14	J M	0.63	0.13	ug/Kg	1	☼	537 (Modified)	Total/NA

Client Sample ID: DPTTankBlank-051117 — Lab Sample ID: 320-28275-10

No Detections.

Client Sample ID: PressWashBlank-051117 — Lab Sample ID: 320-28275-11

No Detections.

Client Sample ID: MEAFF-EB03-051117 — Lab Sample ID: 320-28275-12

No Detections.

Client Sample ID: MEAFF-EB04-051117 — Lab Sample ID: 320-28275-13

This Detection Summary does not include radiochemical test results.

Client Sample ID: MEAFF-EB04-051117 (Continued) — Lab Sample ID: 320-28275-13

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	1.6	J M	3.7	1.2	ng/L	1		537 (Modified)	Total/NA

Client Sample ID: MEAFF-Unknown6-SB01-0001 — Lab Sample ID: 320-28275-14

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.43	J M	0.58	0.12	ug/Kg	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.6	M	0.58	0.15	ug/Kg	1	☼	537 (Modified)	Total/NA

Client Sample ID: MEAFF-Unknown6-SB01-0204 — Lab Sample ID: 320-28275-15

No Detections.

Client Sample ID: MEAFF-T-45C_2004-SB01-0001 — Lab Sample ID: 320-28275-16

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.21	J	0.55	0.11	ug/Kg	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.20	J	0.55	0.14	ug/Kg	1	☼	537 (Modified)	Total/NA

Client Sample ID: MEAFF-T-45C_2004-SB01-0204 — Lab Sample ID: 320-28275-17

No Detections.

Client Sample ID: MEAFF-T-2C_1996-SB01-0001 — Lab Sample ID: 320-28275-18

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.87		0.57	0.12	ug/Kg	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.3	M	0.57	0.14	ug/Kg	1	☼	537 (Modified)	Total/NA

Client Sample ID: MEAFF-T-2C_1996-SB01-0204 — Lab Sample ID: 320-28275-19

No Detections.

Client Sample ID: MEAFF-TA-4J_1984-SB01-0001 — Lab Sample ID: 320-28275-20

No Detections.

Client Sample ID: MEAFF-TA-4J_1984-SB01-0204 — Lab Sample ID: 320-28275-21

No Detections.

Client Sample ID: MEAFF-FD06-051217 — Lab Sample ID: 320-28275-22

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-Unknown5-SB01-0001

Lab Sample ID: 320-28275-1
Date Collected: 05/11/17 11:18
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 86.1

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.21	J	0.58	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 22:09	1
Perfluorooctanesulfonic acid (PFOS)	0.68	M	0.58	0.15	ug/Kg	☼	05/18/17 10:15	05/25/17 22:09	1
Perfluorobutanesulfonic acid (PFBS)	0.35	U	0.46	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 22:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*87*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:09*	*1*
13C4 PFOS	*40*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:09*	*1*
18O2 PFHxS	*66*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:09*	*1*

Client Sample ID: MEAFF-Unknown5-SB01-0204

Lab Sample ID: 320-28275-2
Date Collected: 05/11/17 11:23
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 81.2

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.37	U	0.62	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 22:16	1
Perfluorooctanesulfonic acid (PFOS)	0.37	U	0.62	0.16	ug/Kg	☼	05/18/17 10:15	05/25/17 22:16	1
Perfluorobutanesulfonic acid (PFBS)	0.37	U	0.50	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 22:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*75*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:16*	*1*
13C4 PFOS	*40*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:16*	*1*
18O2 PFHxS	*72*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:16*	*1*

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0001

Lab Sample ID: 320-28275-3
Date Collected: 05/11/17 13:40
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 89.0

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.34	U	0.56	0.11	ug/Kg	☼	05/18/17 10:15	05/25/17 22:39	1
Perfluorooctanesulfonic acid (PFOS)	0.34	U	0.56	0.14	ug/Kg	☼	05/18/17 10:15	05/25/17 22:39	1
Perfluorobutanesulfonic acid (PFBS)	0.34	U	0.45	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 22:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*101*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:39*	*1*
13C4 PFOS	*71*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:39*	*1*
18O2 PFHxS	*85*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:39*	*1*

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0204

Lab Sample ID: 320-28275-4
Date Collected: 05/11/17 13:45
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 89.3

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.34	U	0.56	0.11	ug/Kg	☼	05/18/17 10:15	05/25/17 22:46	1
Perfluorooctanesulfonic acid (PFOS)	0.34	U M	0.56	0.14	ug/Kg	☼	05/18/17 10:15	05/25/17 22:46	1
Perfluorobutanesulfonic acid (PFBS)	0.34	U	0.45	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 22:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*95*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:46*	*1*
13C4 PFOS	*69*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:46*	*1*

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0204 — Lab Sample ID: 320-28275-4

Date Collected: 05/11/17 13:45 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 89.3**

Method: 537 (Modified) - Perfluorinated Hydrocarbons (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*83*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:46*	*1*

Client Sample ID: MEAFF-FD05-051117 — Lab Sample ID: 320-28275-5

Date Collected: 05/11/17 00:00 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 81.9**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.37	U	0.62	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 22:54	1
Perfluorooctanesulfonic acid (PFOS)	0.37	U	0.62	0.16	ug/Kg	☼	05/18/17 10:15	05/25/17 22:54	1
Perfluorobutanesulfonic acid (PFBS)	0.37	U	0.49	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 22:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*78*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:54*	*1*
13C4 PFOS	*31*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:54*	*1*
18O2 PFHxS	*72*		*25 - 150*	*05/18/17 10:15*	*05/25/17 22:54*	*1*

Client Sample ID: MEAFF-T45C_05_2008-SB01-0406 — Lab Sample ID: 320-28275-6

Date Collected: 05/11/17 14:30 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 81.8**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.36	U M	0.60	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:01	1
Perfluorooctanesulfonic acid (PFOS)	0.36	U	0.60	0.15	ug/Kg	☼	05/18/17 10:15	05/25/17 23:01	1
Perfluorobutanesulfonic acid (PFBS)	0.36	U	0.48	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*86*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:01*	*1*
13C4 PFOS	*46*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:01*	*1*
18O2 PFHxS	*74*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:01*	*1*

Client Sample ID: MEAFF-T45C_05_2008-SB01-0608 — Lab Sample ID: 320-28275-7

Date Collected: 05/11/17 14:38 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 83.9**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**0.17**	**J M**	0.59	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:16	1
Perfluorooctanesulfonic acid (PFOS)	0.35	U	0.59	0.15	ug/Kg	☼	05/18/17 10:15	05/25/17 23:16	1
Perfluorobutanesulfonic acid (PFBS)	0.35	U	0.47	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*95*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:16*	*1*
13C4 PFOS	*51*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:16*	*1*
18O2 PFHxS	*76*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:16*	*1*

Client Sample Results

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-T45C_2003-SB01-0001

Lab Sample ID: 320-28275-8
Date Collected: 05/11/17 16:25
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 84.9

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**0.87**		0.58	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:24	1
Perfluorooctanesulfonic acid (PFOS)	**0.80**	**M**	0.58	0.15	ug/Kg	☼	05/18/17 10:15	05/25/17 23:24	1
Perfluorobutanesulfonic acid (PFBS)	0.35	U M	0.47	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*79*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:24*	*1*
13C4 PFOS	*69*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:24*	*1*
18O2 PFHxS	*74*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:24*	*1*

Client Sample ID: MEAFF-T45C_2003-SB01-0204

Lab Sample ID: 320-28275-9
Date Collected: 05/11/17 16:28
Matrix: Solid
Date Received: 05/15/17 09:00
Percent Solids: 79.6

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**0.14**	**J M**	0.63	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 23:31	1
Perfluorooctanesulfonic acid (PFOS)	0.38	U	0.63	0.16	ug/Kg	☼	05/18/17 10:15	05/25/17 23:31	1
Perfluorobutanesulfonic acid (PFBS)	0.38	U	0.50	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 23:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*77*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:31*	*1*
13C4 PFOS	*32*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:31*	*1*
18O2 PFHxS	*64*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:31*	*1*

Client Sample ID: DPTTankBlank-051117

Lab Sample ID: 320-28275-10
Date Collected: 05/11/17 11:00
Matrix: Water
Date Received: 05/15/17 09:00

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	1.6	U	2.0	0.60	ng/L		05/17/17 14:18	05/19/17 07:14	1
Perfluorooctanesulfonic acid (PFOS)	2.4	U	3.2	1.0	ng/L		05/17/17 14:18	05/19/17 07:14	1
Perfluorobutanesulfonic acid (PFBS)	1.6	U	2.0	0.73	ng/L		05/17/17 14:18	05/19/17 07:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*77*		*25 - 150*	*05/17/17 14:18*	*05/19/17 07:14*	*1*
13C4 PFOS	*113*		*25 - 150*	*05/17/17 14:18*	*05/19/17 07:14*	*1*
18O2 PFHxS	*111*		*25 - 150*	*05/17/17 14:18*	*05/19/17 07:14*	*1*

Client Sample ID: PressWashBlank-051117

Lab Sample ID: 320-28275-11
Date Collected: 05/11/17 11:05
Matrix: Water
Date Received: 05/15/17 09:00

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	1.8	U	2.2	0.65	ng/L		05/17/17 14:18	05/19/17 07:21	1
Perfluorooctanesulfonic acid (PFOS)	2.6	U	3.5	1.1	ng/L		05/17/17 14:18	05/19/17 07:21	1
Perfluorobutanesulfonic acid (PFBS)	1.8	U	2.2	0.80	ng/L		05/17/17 14:18	05/19/17 07:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*80*		*25 - 150*	*05/17/17 14:18*	*05/19/17 07:21*	*1*
13C4 PFOS	*115*		*25 - 150*	*05/17/17 14:18*	*05/19/17 07:21*	*1*

Client Sample ID: PressWashBlank-051117 — Lab Sample ID: 320-28275-11

Date Collected: 05/11/17 11:05 **Matrix: Water**
Date Received: 05/15/17 09:00

Method: 537 (Modified) - Perfluorinated Hydrocarbons (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
18O2 PFHxS	111		25 - 150	05/17/17 14:18	05/19/17 07:21	1

Client Sample ID: MEAFF-EB03-051117 — Lab Sample ID: 320-28275-12

Date Collected: 05/11/17 11:10 **Matrix: Water**
Date Received: 05/15/17 09:00

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	1.8	U	2.2	0.67	ng/L		05/17/17 14:18	05/19/17 07:29	1
Perfluorooctanesulfonic acid (PFOS)	2.7	U	3.6	1.1	ng/L		05/17/17 14:18	05/19/17 07:29	1
Perfluorobutanesulfonic acid (PFBS)	1.8	U	2.2	0.82	ng/L		05/17/17 14:18	05/19/17 07:29	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOA	121		25 - 150	05/17/17 14:18	05/19/17 07:29	1
13C4 PFOS	112		25 - 150	05/17/17 14:18	05/19/17 07:29	1
18O2 PFHxS	106		25 - 150	05/17/17 14:18	05/19/17 07:29	1

Client Sample ID: MEAFF-EB04-051117 — Lab Sample ID: 320-28275-13

Date Collected: 05/11/17 16:05 **Matrix: Water**
Date Received: 05/15/17 09:00

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	1.8	U	2.3	0.69	ng/L		05/17/17 14:18	05/19/17 07:36	1
Perfluorooctanesulfonic acid (PFOS)	**1.6**	**J M**	3.7	1.2	ng/L		05/17/17 14:18	05/19/17 07:36	1
Perfluorobutanesulfonic acid (PFBS)	1.8	U	2.3	0.85	ng/L		05/17/17 14:18	05/19/17 07:36	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOA	125		25 - 150	05/17/17 14:18	05/19/17 07:36	1
13C4 PFOS	110		25 - 150	05/17/17 14:18	05/19/17 07:36	1
18O2 PFHxS	108		25 - 150	05/17/17 14:18	05/19/17 07:36	1

Client Sample ID: MEAFF-Unknown6-SB01-0001 — Lab Sample ID: 320-28275-14

Date Collected: 05/12/17 12:05 **Matrix: Solid**
Date Received: 05/15/17 09:00 **Percent Solids: 84.7**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**0.43**	**J M**	0.58	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:39	1
Perfluorooctanesulfonic acid (PFOS)	**1.6**	**M**	0.58	0.15	ug/Kg	☼	05/18/17 10:15	05/25/17 23:39	1
Perfluorobutanesulfonic acid (PFBS)	0.35	U M	0.47	0.12	ug/Kg	☼	05/18/17 10:15	05/25/17 23:39	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOA	84		25 - 150	05/18/17 10:15	05/25/17 23:39	1
13C4 PFOS	56		25 - 150	05/18/17 10:15	05/25/17 23:39	1
18O2 PFHxS	70		25 - 150	05/18/17 10:15	05/25/17 23:39	1

Client Sample ID: MEAFF-Unknown6-SB01-0204 — Lab Sample ID: 320-28275-15

Date Collected: 05/12/17 12:07 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 79.3**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.38	U M	0.63	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 23:46	1
Perfluorooctanesulfonic acid (PFOS)	0.38	U	0.63	0.16	ug/Kg	☼	05/18/17 10:15	05/25/17 23:46	1
Perfluorobutanesulfonic acid (PFBS)	0.38	U M	0.50	0.13	ug/Kg	☼	05/18/17 10:15	05/25/17 23:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*117*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:46*	*1*
13C4 PFOS	*77*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:46*	*1*
18O2 PFHxS	*95*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:46*	*1*

Client Sample ID: MEAFF-T-45C_2004-SB01-0001 — Lab Sample ID: 320-28275-16

Date Collected: 05/12/17 13:02 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 91.2**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**0.21**	**J**	0.55	0.11	ug/Kg	☼	05/18/17 10:15	05/25/17 23:54	1
Perfluorooctanesulfonic acid (PFOS)	**0.20**	**J**	0.55	0.14	ug/Kg	☼	05/18/17 10:15	05/25/17 23:54	1
Perfluorobutanesulfonic acid (PFBS)	0.33	U M	0.44	0.11	ug/Kg	☼	05/18/17 10:15	05/25/17 23:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*66*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:54*	*1*
13C4 PFOS	*57*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:54*	*1*
18O2 PFHxS	*54*		*25 - 150*	*05/18/17 10:15*	*05/25/17 23:54*	*1*

Client Sample ID: MEAFF-T-45C_2004-SB01-0204 — Lab Sample ID: 320-28275-17

Date Collected: 05/12/17 13:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 89.6**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.33	U	0.55	0.11	ug/Kg	☼	05/18/17 10:15	05/26/17 00:01	1
Perfluorooctanesulfonic acid (PFOS)	0.33	U	0.55	0.14	ug/Kg	☼	05/18/17 10:15	05/26/17 00:01	1
Perfluorobutanesulfonic acid (PFBS)	0.33	U	0.44	0.11	ug/Kg	☼	05/18/17 10:15	05/26/17 00:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*95*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:01*	*1*
13C4 PFOS	*49*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:01*	*1*
18O2 PFHxS	*79*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:01*	*1*

Client Sample ID: MEAFF-T-2C_1996-SB01-0001 — Lab Sample ID: 320-28275-18

Date Collected: 05/12/17 14:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 88.1**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**0.87**		0.57	0.12	ug/Kg	☼	05/18/17 10:15	05/26/17 00:09	1
Perfluorooctanesulfonic acid (PFOS)	**2.3**	**M**	0.57	0.14	ug/Kg	☼	05/18/17 10:15	05/26/17 00:09	1
Perfluorobutanesulfonic acid (PFBS)	0.34	U M	0.46	0.12	ug/Kg	☼	05/18/17 10:15	05/26/17 00:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*71*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:09*	*1*
13C4 PFOS	*25*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:09*	*1*

Client Sample ID: MEAFF-T-2C_1996-SB01-0001 — Lab Sample ID: 320-28275-18

Date Collected: 05/12/17 14:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 88.1**

Method: 537 (Modified) - Perfluorinated Hydrocarbons (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*62*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:09*	*1*

Client Sample ID: MEAFF-T-2C_1996-SB01-0204 — Lab Sample ID: 320-28275-19

Date Collected: 05/12/17 14:07 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 86.9**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.34	U	0.57	0.12	ug/Kg	☼	05/18/17 10:15	05/26/17 00:16	1
Perfluorooctanesulfonic acid (PFOS)	0.34	U	0.57	0.14	ug/Kg	☼	05/18/17 10:15	05/26/17 00:16	1
Perfluorobutanesulfonic acid (PFBS)	0.34	U	0.46	0.12	ug/Kg	☼	05/18/17 10:15	05/26/17 00:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*88*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:16*	*1*
13C4 PFOS	*46*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:16*	*1*
18O2 PFHxS	*77*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:16*	*1*

Client Sample ID: MEAFF-TA-4J_1984-SB01-0001 — Lab Sample ID: 320-28275-20

Date Collected: 05/12/17 15:03 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 87.5**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.34	U M	0.57	0.12	ug/Kg	☼	05/18/17 10:15	05/26/17 00:24	1
Perfluorooctanesulfonic acid (PFOS)	0.34	U	0.57	0.14	ug/Kg	☼	05/18/17 10:15	05/26/17 00:24	1
Perfluorobutanesulfonic acid (PFBS)	0.34	U M	0.46	0.12	ug/Kg	☼	05/18/17 10:15	05/26/17 00:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*95*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:24*	*1*
13C4 PFOS	*58*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:24*	*1*
18O2 PFHxS	*79*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:24*	*1*

Client Sample ID: MEAFF-TA-4J_1984-SB01-0204 — Lab Sample ID: 320-28275-21

Date Collected: 05/12/17 15:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 91.1**

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.33	U M	0.55	0.11	ug/Kg	☼	05/18/17 10:15	05/26/17 00:39	1
Perfluorooctanesulfonic acid (PFOS)	0.33	U	0.55	0.14	ug/Kg	☼	05/18/17 10:15	05/26/17 00:39	1
Perfluorobutanesulfonic acid (PFBS)	0.33	U	0.44	0.11	ug/Kg	☼	05/18/17 10:15	05/26/17 00:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*93*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:39*	*1*
13C4 PFOS	*71*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:39*	*1*
18O2 PFHxS	*81*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:39*	*1*

Client Sample Results

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-FD06-051217

Date Collected: 05/12/17 00:00
Date Received: 05/15/17 09:00

Lab Sample ID: 320-28275-22

Matrix: Solid
Percent Solids: 92.1

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.33	U	0.54	0.11	ug/Kg	☼	05/18/17 10:15	05/26/17 00:46	1
Perfluorooctanesulfonic acid (PFOS)	0.33	U	0.54	0.14	ug/Kg	☼	05/18/17 10:15	05/26/17 00:46	1
Perfluorobutanesulfonic acid (PFBS)	0.33	U	0.43	0.11	ug/Kg	☼	05/18/17 10:15	05/26/17 00:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*88*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:46*	*1*
13C4 PFOS	*63*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:46*	*1*
18O2 PFHxS	*80*		*25 - 150*	*05/18/17 10:15*	*05/26/17 00:46*	*1*

Default Detection Limits

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Method: 537 (Modified) - Perfluorinated Hydrocarbons
Prep: 3535

Analyte	LOQ	DL	Units	Method
Perfluorobutanesulfonic acid (PFBS)	2.5	0.92	ng/L	537 (Modified)
Perfluorooctanesulfonic acid (PFOS)	4.0	1.3	ng/L	537 (Modified)
Perfluorooctanoic acid (PFOA)	2.5	0.75	ng/L	537 (Modified)

Method: 537 (Modified) - Perfluorinated Hydrocarbons
Prep: SHAKE

Analyte	LOQ	DL	Units	Method
Perfluorobutanesulfonic acid (PFBS)	0.40	0.10	ug/Kg	537 (Modified)
Perfluorooctanesulfonic acid (PFOS)	0.50	0.13	ug/Kg	537 (Modified)
Perfluorooctanoic acid (PFOA)	0.50	0.10	ug/Kg	537 (Modified)

Isotope Dilution Summary

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)		
		3C4 PFO/	3C4 PFOS	3O2 PFHx
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)
320-28275-1	MEAFF-Unknown5-SB01-0001	87	40	66
320-28275-2	MEAFF-Unknown5-SB01-0204	75	40	72
320-28275-2 MS	MEAFF-Unknown5-SB01-0204	75	41	70
320-28275-2 MSD	MEAFF-Unknown5-SB01-0204	75	45	73
320-28275-3	MEAFF-TA-4_SOUTH-SB01-00	101	71	85
320-28275-4	MEAFF-TA-4_SOUTH-SB01-02	95	69	83
320-28275-5	MEAFF-FD05-051117	78	31	72
320-28275-6	MEAFF-T45C_05_2008-SB01-0	86	46	74
320-28275-7	MEAFF-T45C_05_2008-SB01-0	95	51	76
320-28275-8	MEAFF-T45C_2003-SB01-0001	79	69	74
320-28275-9	MEAFF-T45C_2003-SB01-0204	77	32	64
320-28275-14	MEAFF-Unknown6-SB01-0001	84	56	70
320-28275-15	MEAFF-Unknown6-SB01-0204	117	77	95
320-28275-16	MEAFF-T-45C_2004-SB01-000	66	57	54
320-28275-17	MEAFF-T-45C_2004-SB01-020	95	49	79
320-28275-18	MEAFF-T-2C_1996-SB01-0001	71	25	62
320-28275-19	MEAFF-T-2C_1996-SB01-0204	88	46	77
320-28275-20	MEAFF-TA-4J_1984-SB01-000	95	58	79
320-28275-21	MEAFF-TA-4J_1984-SB01-020	93	71	81
320-28275-22	MEAFF-FD06-051217	88	63	80
LCS 320-165098/2-A	Lab Control Sample	96	83	83
MB 320-165098/1-A	Method Blank	96	82	84

Surrogate Legend

13C4 PFOA = 13C4 PFOA
13C4 PFOS = 13C4 PFOS
18O2 PFHxS = 18O2 PFHxS

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)		
		3C4 PFO/	3C4 PFOS	3O2 PFHx
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)
320-28275-10	DPTTankBlank-051117	77	113	111
320-28275-11	PressWashBlank-051117	80	115	111
320-28275-12	MEAFF-EB03-051117	121	112	106
320-28275-13	MEAFF-EB04-051117	125	110	108
LCS 320-164983/2-A	Lab Control Sample	117	106	102
LCSD 320-164983/3-A	Lab Control Sample Dup	116	104	101
MB 320-164983/1-A	Method Blank	123	106	108

Surrogate Legend

13C4 PFOA = 13C4 PFOA
13C4 PFOS = 13C4 PFOS
18O2 PFHxS = 18O2 PFHxS

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Lab Sample ID: MB 320-164983/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 165301 — **Prep Batch: 164983**

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	2.0	U	2.5	0.75	ng/L		05/17/17 14:18	05/19/17 06:51	1
Perfluorooctanesulfonic acid (PFOS)	3.0	U	4.0	1.3	ng/L		05/17/17 14:18	05/19/17 06:51	1
Perfluorobutanesulfonic acid (PFBS)	2.0	U	2.5	0.92	ng/L		05/17/17 14:18	05/19/17 06:51	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*123*		*25 - 150*	*05/17/17 14:18*	*05/19/17 06:51*	*1*
13C4 PFOS	*106*		*25 - 150*	*05/17/17 14:18*	*05/19/17 06:51*	*1*
18O2 PFHxS	*108*		*25 - 150*	*05/17/17 14:18*	*05/19/17 06:51*	*1*

Lab Sample ID: LCS 320-164983/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 165301 — **Prep Batch: 164983**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanoic acid (PFOA)	40.0	37.8		ng/L		95	60 - 140
Perfluorooctanesulfonic acid (PFOS)	37.1	34.2		ng/L		92	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.4	36.5		ng/L		103	50 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFOA	*117*		*25 - 150*
13C4 PFOS	*106*		*25 - 150*
18O2 PFHxS	*102*		*25 - 150*

Lab Sample ID: LCSD 320-164983/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 165301 — **Prep Batch: 164983**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)	40.0	37.6		ng/L		94	60 - 140	1	30
Perfluorooctanesulfonic acid (PFOS)	37.1	34.9		ng/L		94	60 - 140	2	30
Perfluorobutanesulfonic acid (PFBS)	35.4	36.9		ng/L		104	50 - 150	1	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFOA	*116*		*25 - 150*
13C4 PFOS	*104*		*25 - 150*
18O2 PFHxS	*101*		*25 - 150*

Lab Sample ID: MB 320-165098/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 166365 — **Prep Batch: 165098**

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	0.30	U	0.50	0.10	ug/Kg		05/18/17 10:15	05/25/17 21:53	1
Perfluorooctanesulfonic acid (PFOS)	0.30	U	0.50	0.13	ug/Kg		05/18/17 10:15	05/25/17 21:53	1
Perfluorobutanesulfonic acid (PFBS)	0.30	U	0.40	0.10	ug/Kg		05/18/17 10:15	05/25/17 21:53	1

QC Sample Results

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOA	96		25 - 150	05/18/17 10:15	05/25/17 21:53	1
13C4 PFOS	82		25 - 150	05/18/17 10:15	05/25/17 21:53	1
18O2 PFHxS	84		25 - 150	05/18/17 10:15	05/25/17 21:53	1

Lab Sample ID: LCS 320-165098/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 166365 — **Prep Batch: 165098**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanoic acid (PFOA)	4.00	3.79		ug/Kg		95	60 - 140
Perfluorooctanesulfonic acid (PFOS)	3.71	3.48		ug/Kg		94	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.54	3.60		ug/Kg		102	50 - 150

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFOA	96		25 - 150
13C4 PFOS	83		25 - 150
18O2 PFHxS	83		25 - 150

Lab Sample ID: 320-28275-2 MS — **Client Sample ID: MEAFF-Unknown5-SB01-0204**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 166365 — **Prep Batch: 165098**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanoic acid (PFOA)	0.37	U	4.87	4.57		ug/Kg	☼	94	60 - 140
Perfluorooctanesulfonic acid (PFOS)	0.37	U	4.52	4.36		ug/Kg	☼	96	60 - 140
Perfluorobutanesulfonic acid (PFBS)	0.37	U	4.31	4.55		ug/Kg	☼	106	50 - 150

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFOA	75		25 - 150
13C4 PFOS	41		25 - 150
18O2 PFHxS	70		25 - 150

Lab Sample ID: 320-28275-2 MSD — **Client Sample ID: MEAFF-Unknown5-SB01-0204**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 166365 — **Prep Batch: 165098**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)	0.37	U	4.86	4.62		ug/Kg	☼	95	60 - 140	1	30
Perfluorooctanesulfonic acid (PFOS)	0.37	U	4.51	4.41		ug/Kg	☼	98	60 - 140	1	30
Perfluorobutanesulfonic acid (PFBS)	0.37	U	4.30	4.70		ug/Kg	☼	109	50 - 150	3	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFOA	75		25 - 150
13C4 PFOS	45		25 - 150
18O2 PFHxS	73		25 - 150

QC Association Summary

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

LCMS

Prep Batch: 164983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28275-10	DPTTankBlank-051117	Total/NA	Water	3535	
320-28275-11	PressWashBlank-051117	Total/NA	Water	3535	
320-28275-12	MEAFF-EB03-051117	Total/NA	Water	3535	
320-28275-13	MEAFF-EB04-051117	Total/NA	Water	3535	
MB 320-164983/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-164983/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-164983/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Prep Batch: 165098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28275-1	MEAFF-Unknown5-SB01-0001	Total/NA	Solid	SHAKE	
320-28275-2	MEAFF-Unknown5-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-3	MEAFF-TA-4_SOUTH-SB01-0001	Total/NA	Solid	SHAKE	
320-28275-4	MEAFF-TA-4_SOUTH-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-5	MEAFF-FD05-051117	Total/NA	Solid	SHAKE	
320-28275-6	MEAFF-T45C_05_2008-SB01-0406	Total/NA	Solid	SHAKE	
320-28275-7	MEAFF-T45C_05_2008-SB01-0608	Total/NA	Solid	SHAKE	
320-28275-8	MEAFF-T45C_2003-SB01-0001	Total/NA	Solid	SHAKE	
320-28275-9	MEAFF-T45C_2003-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-14	MEAFF-Unknown6-SB01-0001	Total/NA	Solid	SHAKE	
320-28275-15	MEAFF-Unknown6-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-16	MEAFF-T-45C_2004-SB01-0001	Total/NA	Solid	SHAKE	
320-28275-17	MEAFF-T-45C_2004-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-18	MEAFF-T-2C_1996-SB01-0001	Total/NA	Solid	SHAKE	
320-28275-19	MEAFF-T-2C_1996-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-20	MEAFF-TA-4J_1984-SB01-0001	Total/NA	Solid	SHAKE	
320-28275-21	MEAFF-TA-4J_1984-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-22	MEAFF-FD06-051217	Total/NA	Solid	SHAKE	
MB 320-165098/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-165098/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
320-28275-2 MS	MEAFF-Unknown5-SB01-0204	Total/NA	Solid	SHAKE	
320-28275-2 MSD	MEAFF-Unknown5-SB01-0204	Total/NA	Solid	SHAKE	

Analysis Batch: 165301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28275-10	DPTTankBlank-051117	Total/NA	Water	537 (Modified)	164983
320-28275-11	PressWashBlank-051117	Total/NA	Water	537 (Modified)	164983
320-28275-12	MEAFF-EB03-051117	Total/NA	Water	537 (Modified)	164983
320-28275-13	MEAFF-EB04-051117	Total/NA	Water	537 (Modified)	164983
MB 320-164983/1-A	Method Blank	Total/NA	Water	537 (Modified)	164983
LCS 320-164983/2-A	Lab Control Sample	Total/NA	Water	537 (Modified)	164983
LCSD 320-164983/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Modified)	164983

Analysis Batch: 166365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28275-1	MEAFF-Unknown5-SB01-0001	Total/NA	Solid	537 (Modified)	165098
320-28275-2	MEAFF-Unknown5-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-3	MEAFF-TA-4_SOUTH-SB01-0001	Total/NA	Solid	537 (Modified)	165098
320-28275-4	MEAFF-TA-4_SOUTH-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-5	MEAFF-FD05-051117	Total/NA	Solid	537 (Modified)	165098
320-28275-6	MEAFF-T45C_05_2008-SB01-0406	Total/NA	Solid	537 (Modified)	165098

LCMS (Continued)

Analysis Batch: 166365 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28275-7	MEAFF-T45C_05_2008-SB01-0608	Total/NA	Solid	537 (Modified)	165098
320-28275-8	MEAFF-T45C_2003-SB01-0001	Total/NA	Solid	537 (Modified)	165098
320-28275-9	MEAFF-T45C_2003-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-14	MEAFF-Unknown6-SB01-0001	Total/NA	Solid	537 (Modified)	165098
320-28275-15	MEAFF-Unknown6-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-16	MEAFF-T-45C_2004-SB01-0001	Total/NA	Solid	537 (Modified)	165098
320-28275-17	MEAFF-T-45C_2004-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-18	MEAFF-T-2C_1996-SB01-0001	Total/NA	Solid	537 (Modified)	165098
320-28275-19	MEAFF-T-2C_1996-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-20	MEAFF-TA-4J_1984-SB01-0001	Total/NA	Solid	537 (Modified)	165098
320-28275-21	MEAFF-TA-4J_1984-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-22	MEAFF-FD06-051217	Total/NA	Solid	537 (Modified)	165098
MB 320-165098/1-A	Method Blank	Total/NA	Solid	537 (Modified)	165098
LCS 320-165098/2-A	Lab Control Sample	Total/NA	Solid	537 (Modified)	165098
320-28275-2 MS	MEAFF-Unknown5-SB01-0204	Total/NA	Solid	537 (Modified)	165098
320-28275-2 MSD	MEAFF-Unknown5-SB01-0204	Total/NA	Solid	537 (Modified)	165098

General Chemistry

Analysis Batch: 165343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28275-5	MEAFF-FD05-051117	Total/NA	Solid	D 2216	

Analysis Batch: 165371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28275-1	MEAFF-Unknown5-SB01-0001	Total/NA	Solid	D 2216	
320-28275-2	MEAFF-Unknown5-SB01-0204	Total/NA	Solid	D 2216	
320-28275-3	MEAFF-TA-4_SOUTH-SB01-0001	Total/NA	Solid	D 2216	
320-28275-4	MEAFF-TA-4_SOUTH-SB01-0204	Total/NA	Solid	D 2216	
320-28275-6	MEAFF-T45C_05_2008-SB01-0406	Total/NA	Solid	D 2216	
320-28275-7	MEAFF-T45C_05_2008-SB01-0608	Total/NA	Solid	D 2216	
320-28275-8	MEAFF-T45C_2003-SB01-0001	Total/NA	Solid	D 2216	
320-28275-9	MEAFF-T45C_2003-SB01-0204	Total/NA	Solid	D 2216	
320-28275-14	MEAFF-Unknown6-SB01-0001	Total/NA	Solid	D 2216	
320-28275-15	MEAFF-Unknown6-SB01-0204	Total/NA	Solid	D 2216	
320-28275-16	MEAFF-T-45C_2004-SB01-0001	Total/NA	Solid	D 2216	
320-28275-17	MEAFF-T-45C_2004-SB01-0204	Total/NA	Solid	D 2216	
320-28275-18	MEAFF-T-2C_1996-SB01-0001	Total/NA	Solid	D 2216	
320-28275-19	MEAFF-T-2C_1996-SB01-0204	Total/NA	Solid	D 2216	
320-28275-20	MEAFF-TA-4J_1984-SB01-0001	Total/NA	Solid	D 2216	
320-28275-21	MEAFF-TA-4J_1984-SB01-0204	Total/NA	Solid	D 2216	
320-28275-22	MEAFF-FD06-051217	Total/NA	Solid	D 2216	

Lab Chronicle

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-Unknown5-SB01-0001 — Lab Sample ID: 320-28275-1

Date Collected: 05/11/17 11:18
Date Received: 05/15/17 09:00
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-Unknown5-SB01-0001 — Lab Sample ID: 320-28275-1

Date Collected: 05/11/17 11:18
Date Received: 05/15/17 09:00
Matrix: Solid
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/25/17 22:09	CBW	TAL SAC

Client Sample ID: MEAFF-Unknown5-SB01-0204 — Lab Sample ID: 320-28275-2

Date Collected: 05/11/17 11:23
Date Received: 05/15/17 09:00
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-Unknown5-SB01-0204 — Lab Sample ID: 320-28275-2

Date Collected: 05/11/17 11:23
Date Received: 05/15/17 09:00
Matrix: Solid
Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/25/17 22:16	CBW	TAL SAC

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0001 — Lab Sample ID: 320-28275-3

Date Collected: 05/11/17 13:40
Date Received: 05/15/17 09:00
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0001 — Lab Sample ID: 320-28275-3

Date Collected: 05/11/17 13:40
Date Received: 05/15/17 09:00
Matrix: Solid
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/25/17 22:39	CBW	TAL SAC

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0204 — Lab Sample ID: 320-28275-4

Date Collected: 05/11/17 13:45 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0204 — Lab Sample ID: 320-28275-4

Date Collected: 05/11/17 13:45 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 89.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/25/17 22:46	CBW	TAL SAC

Client Sample ID: MEAFF-FD05-051117 — Lab Sample ID: 320-28275-5

Date Collected: 05/11/17 00:00 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165343	05/19/17 15:05	TCS	TAL SAC

Client Sample ID: MEAFF-FD05-051117 — Lab Sample ID: 320-28275-5

Date Collected: 05/11/17 00:00 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 81.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/25/17 22:54	CBW	TAL SAC

Client Sample ID: MEAFF-T45C_05_2008-SB01-0406 — Lab Sample ID: 320-28275-6

Date Collected: 05/11/17 14:30 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T45C_05_2008-SB01-0406 — Lab Sample ID: 320-28275-6

Date Collected: 05/11/17 14:30 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 81.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/25/17 23:01	CBW	TAL SAC

Client Sample ID: MEAFF-T45C_05_2008-SB01-0608 — Lab Sample ID: 320-28275-7

Date Collected: 05/11/17 14:38 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T45C_05_2008-SB01-0608 — Lab Sample ID: 320-28275-7

Date Collected: 05/11/17 14:38 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 83.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/25/17 23:16	CBW	TAL SAC

Client Sample ID: MEAFF-T45C_2003-SB01-0001 — Lab Sample ID: 320-28275-8

Date Collected: 05/11/17 16:25 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T45C_2003-SB01-0001 — Lab Sample ID: 320-28275-8

Date Collected: 05/11/17 16:25 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 84.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/25/17 23:24	CBW	TAL SAC

Client Sample ID: MEAFF-T45C_2003-SB01-0204 — Lab Sample ID: 320-28275-9

Date Collected: 05/11/17 16:28 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T45C_2003-SB01-0204 — Lab Sample ID: 320-28275-9

Date Collected: 05/11/17 16:28 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 79.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/25/17 23:31	CBW	TAL SAC

Client Sample ID: DPTTankBlank-051117 — Lab Sample ID: 320-28275-10

Date Collected: 05/11/17 11:00 — **Matrix: Water**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			164983	05/17/17 14:18	JER	TAL SAC
Total/NA	Analysis	537 (Modified)		1	165301	05/19/17 07:14	SBC	TAL SAC

Client Sample ID: PressWashBlank-051117 — Lab Sample ID: 320-28275-11

Date Collected: 05/11/17 11:05 — **Matrix: Water**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			164983	05/17/17 14:18	JER	TAL SAC
Total/NA	Analysis	537 (Modified)		1	165301	05/19/17 07:21	SBC	TAL SAC

Client Sample ID: MEAFF-EB03-051117 — Lab Sample ID: 320-28275-12

Date Collected: 05/11/17 11:10 — **Matrix: Water**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			164983	05/17/17 14:18	JER	TAL SAC
Total/NA	Analysis	537 (Modified)		1	165301	05/19/17 07:29	SBC	TAL SAC

Client Sample ID: MEAFF-EB04-051117 — Lab Sample ID: 320-28275-13

Date Collected: 05/11/17 16:05 — **Matrix: Water**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			164983	05/17/17 14:18	JER	TAL SAC
Total/NA	Analysis	537 (Modified)		1	165301	05/19/17 07:36	SBC	TAL SAC

Client Sample ID: MEAFF-Unknown6-SB01-0001 — Lab Sample ID: 320-28275-14

Date Collected: 05/12/17 12:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-Unknown6-SB01-0001 — Lab Sample ID: 320-28275-14

Date Collected: 05/12/17 12:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 84.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/25/17 23:39	CBW	TAL SAC

Client Sample ID: MEAFF-Unknown6-SB01-0204 — Lab Sample ID: 320-28275-15

Date Collected: 05/12/17 12:07 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-Unknown6-SB01-0204 — Lab Sample ID: 320-28275-15

Date Collected: 05/12/17 12:07 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 79.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/25/17 23:46	CBW	TAL SAC

Client Sample ID: MEAFF-T-45C_2004-SB01-0001 — Lab Sample ID: 320-28275-16

Date Collected: 05/12/17 13:02 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T-45C_2004-SB01-0001 — Lab Sample ID: 320-28275-16

Date Collected: 05/12/17 13:02 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 91.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/25/17 23:54	CBW	TAL SAC

Client Sample ID: MEAFF-T-45C_2004-SB01-0204 — Lab Sample ID: 320-28275-17

Date Collected: 05/12/17 13:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T-45C_2004-SB01-0204 — Lab Sample ID: 320-28275-17

Date Collected: 05/12/17 13:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 89.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/26/17 00:01	CBW	TAL SAC

Client Sample ID: MEAFF-T-2C_1996-SB01-0001 — Lab Sample ID: 320-28275-18

Date Collected: 05/12/17 14:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T-2C_1996-SB01-0001 — Lab Sample ID: 320-28275-18

Date Collected: 05/12/17 14:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 88.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/26/17 00:09	CBW	TAL SAC

Client Sample ID: MEAFF-T-2C_1996-SB01-0204 — Lab Sample ID: 320-28275-19

Date Collected: 05/12/17 14:07 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-T-2C_1996-SB01-0204 — Lab Sample ID: 320-28275-19

Date Collected: 05/12/17 14:07 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 86.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/26/17 00:16	CBW	TAL SAC

Client Sample ID: MEAFF-TA-4J_1984-SB01-0001 — Lab Sample ID: 320-28275-20

Date Collected: 05/12/17 15:03 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-TA-4J_1984-SB01-0001 — Lab Sample ID: 320-28275-20

Date Collected: 05/12/17 15:03 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 87.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/26/17 00:24	CBW	TAL SAC

Lab Chronicle

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Client Sample ID: MEAFF-TA-4J_1984-SB01-0204 — Lab Sample ID: 320-28275-21

Date Collected: 05/12/17 15:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-TA-4J_1984-SB01-0204 — Lab Sample ID: 320-28275-21

Date Collected: 05/12/17 15:05 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 91.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/26/17 00:39	CBW	TAL SAC

Client Sample ID: MEAFF-FD06-051217 — Lab Sample ID: 320-28275-22

Date Collected: 05/12/17 00:00 — **Matrix: Solid**
Date Received: 05/15/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	165371	05/20/17 11:13	CFR	TAL SAC

Client Sample ID: MEAFF-FD06-051217 — Lab Sample ID: 320-28275-22

Date Collected: 05/12/17 00:00 — **Matrix: Solid**
Date Received: 05/15/17 09:00 — **Percent Solids: 92.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			165098	05/18/17 10:15	HJA	TAL SAC
Total/NA	Analysis	537 (Modified)		1	166365	05/26/17 00:46	CBW	TAL SAC

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: CH2M Hill, Inc. TestAmerica Job ID: 320-28275-1
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

Laboratory: TestAmerica Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska (UST)	State Program	10	UST-055	12-18-17
Arizona	State Program	9	AZ0708	08-11-17
Arkansas DEQ	State Program	6	88-0691	06-17-18
California	State Program	9	2897	01-31-18
Colorado	State Program	8	CA00044	08-31-17
Connecticut	State Program	1	PH-0691	06-30-17
Florida	NELAP	4	E87570	06-30-17
Hawaii	State Program	9	N/A	01-29-18
Illinois	NELAP	5	200060	03-17-18
Kansas	NELAP	7	E-10375	10-31-17
L-A-B	DoD ELAP		L2468	01-20-18
Louisiana	NELAP	6	30612	06-30-17
Maine	State Program	1	CA0004	04-18-18
Michigan	State Program	5	9947	01-31-18
Nevada	State Program	9	CA00044	07-31-17
New Hampshire	NELAP	1	2997	04-18-18
New Jersey	NELAP	2	CA005	06-30-17
New York	NELAP	2	11666	04-01-18
Oregon	NELAP	10	4040	01-28-18
Pennsylvania	NELAP	3	68-01272	03-31-18
Texas	NELAP	6	T104704399	05-31-18
US Fish & Wildlife	Federal		LE148388-0	10-31-17
USDA	Federal		P330-11-00436	12-30-17
USEPA UCMR	Federal	1	CA00044	11-06-18
Utah	NELAP	8	CA00044	02-28-18
Virginia	NELAP	3	460278	03-14-18
Washington	State Program	10	C581	05-05-18
West Virginia (DW)	State Program	3	9930C	12-31-17
Wyoming	State Program	8	8TMS-L	01-29-17 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Method	Method Description	Protocol	Laboratory
537 (Modified)	Perfluorinated Hydrocarbons	EPA	TAL SAC
D 2216	Percent Moisture	ASTM	TAL SAC

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: CH2M Hill, Inc.
Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

TestAmerica Job ID: 320-28275-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-28275-1	MEAFF-Unknown5-SB01-0001	Solid	05/11/17 11:18	05/15/17 09:00
320-28275-2	MEAFF-Unknown5-SB01-0204	Solid	05/11/17 11:23	05/15/17 09:00
320-28275-3	MEAFF-TA-4_SOUTH-SB01-0001	Solid	05/11/17 13:40	05/15/17 09:00
320-28275-4	MEAFF-TA-4_SOUTH-SB01-0204	Solid	05/11/17 13:45	05/15/17 09:00
320-28275-5	MEAFF-FD05-051117	Solid	05/11/17 00:00	05/15/17 09:00
320-28275-6	MEAFF-T45C_05_2008-SB01-0406	Solid	05/11/17 14:30	05/15/17 09:00
320-28275-7	MEAFF-T45C_05_2008-SB01-0608	Solid	05/11/17 14:38	05/15/17 09:00
320-28275-8	MEAFF-T45C_2003-SB01-0001	Solid	05/11/17 16:25	05/15/17 09:00
320-28275-9	MEAFF-T45C_2003-SB01-0204	Solid	05/11/17 16:28	05/15/17 09:00
320-28275-10	DPTTankBlank-051117	Water	05/11/17 11:00	05/15/17 09:00
320-28275-11	PressWashBlank-051117	Water	05/11/17 11:05	05/15/17 09:00
320-28275-12	MEAFF-EB03-051117	Water	05/11/17 11:10	05/15/17 09:00
320-28275-13	MEAFF-EB04-051117	Water	05/11/17 16:05	05/15/17 09:00
320-28275-14	MEAFF-Unknown6-SB01-0001	Solid	05/12/17 12:05	05/15/17 09:00
320-28275-15	MEAFF-Unknown6-SB01-0204	Solid	05/12/17 12:07	05/15/17 09:00
320-28275-16	MEAFF-T-45C_2004-SB01-0001	Solid	05/12/17 13:02	05/15/17 09:00
320-28275-17	MEAFF-T-45C_2004-SB01-0204	Solid	05/12/17 13:05	05/15/17 09:00
320-28275-18	MEAFF-T-2C_1996-SB01-0001	Solid	05/12/17 14:05	05/15/17 09:00
320-28275-19	MEAFF-T-2C_1996-SB01-0204	Solid	05/12/17 14:07	05/15/17 09:00
320-28275-20	MEAFF-TA-4J_1984-SB01-0001	Solid	05/12/17 15:03	05/15/17 09:00
320-28275-21	MEAFF-TA-4J_1984-SB01-0204	Solid	05/12/17 15:05	05/15/17 09:00
320-28275-22	MEAFF-FD06-051217	Solid	05/12/17 00:00	05/15/17 09:00

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Instrument ID: A8_N Analysis Batch Number: 165301

Lab Sample ID: 320-28275-13 Client Sample ID: MEAFF-EB04-051117

Date Analyzed: 05/19/17 07:36 Lab File ID: 2017.05.18D_008.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctanesulfonic acid (PFOS)	3.89	Baseline	chandrasenas	05/19/17 13:57

537 (Modified)

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Instrument ID: A8_N Analysis Batch Number: 166365

Lab Sample ID: 320-28275-1 Client Sample ID: MEAFF-Unknown5-SB01-0001

Date Analyzed: 05/25/17 22:09 Lab File ID: 2017.05.25C_039.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctanesulfonic acid (PFOS)	3.69	Isomers	westendorfc	05/26/17 14:23

Lab Sample ID: 320-28275-4 Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0204

Date Analyzed: 05/25/17 22:46 Lab File ID: 2017.05.25C_044.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctanesulfonic acid (PFOS)	3.83	Assign Peak	westendorfc	05/26/17 14:25

Lab Sample ID: 320-28275-6 Client Sample ID: MEAFF-T45C_05_2008-SB01-0406

Date Analyzed: 05/25/17 23:01 Lab File ID: 2017.05.25C_046.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctanoic acid (PFOA)	3.45	Isomers	westendorfc	05/26/17 14:26

Lab Sample ID: 320-28275-7 Client Sample ID: MEAFF-T45C_05_2008-SB01-0608

Date Analyzed: 05/25/17 23:16 Lab File ID: 2017.05.25C_048.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctanoic acid (PFOA)	3.45	Isomers	westendorfc	05/26/17 14:26

537 (Modified)

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Instrument ID: A8_N Analysis Batch Number: 166365

Lab Sample ID: 320-28275-8 Client Sample ID: MEAFF-T45C_2003-SB01-0001

Date Analyzed: 05/25/17 23:24 Lab File ID: 2017.05.25C_049.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorobutanesulfonic acid (PFBS)	2.32	Baseline	westendorfc	05/26/17 14:26
Perfluorooctanesulfonic acid (PFOS)	3.69	Isomers	westendorfc	05/26/17 14:27

Lab Sample ID: 320-28275-9 Client Sample ID: MEAFF-T45C_2003-SB01-0204

Date Analyzed: 05/25/17 23:31 Lab File ID: 2017.05.25C_050.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctanoic acid (PFOA)	3.36	Isomers	westendorfc	05/26/17 14:27

Lab Sample ID: 320-28275-14 Client Sample ID: MEAFF-Unknown6-SB01-0001

Date Analyzed: 05/25/17 23:39 Lab File ID: 2017.05.25C_051.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorobutanesulfonic acid (PFBS)	2.33	Baseline	westendorfc	05/26/17 14:27
Perfluorooctanoic acid (PFOA)	3.44	Isomers	westendorfc	05/26/17 14:27
Perfluorooctanesulfonic acid (PFOS)	3.78	Isomers	westendorfc	05/26/17 14:27

537 (Modified)

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Instrument ID: A8_N Analysis Batch Number: 166365

Lab Sample ID: 320-28275-15 Client Sample ID: MEAFF-Unknown6-SB01-0204

Date Analyzed: 05/25/17 23:46 Lab File ID: 2017.05.25C_052.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorobutanesulfonic acid (PFBS)	2.33	Baseline	westendorfc	05/26/17 14:28
Perfluorooctanoic acid (PFOA)	3.43	Isomers	westendorfc	05/26/17 14:28

Lab Sample ID: 320-28275-16 Client Sample ID: MEAFF-T-45C_2004-SB01-0001

Date Analyzed: 05/25/17 23:54 Lab File ID: 2017.05.25C_053.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorobutanesulfonic acid (PFBS)	2.33	Baseline	westendorfc	05/26/17 14:28

Lab Sample ID: 320-28275-18 Client Sample ID: MEAFF-T-2C_1996-SB01-0001

Date Analyzed: 05/26/17 00:09 Lab File ID: 2017.05.25C_055.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorobutanesulfonic acid (PFBS)	2.33	Baseline	westendorfc	05/26/17 14:29
Perfluorooctanesulfonic acid (PFOS)	3.78	Isomers	westendorfc	05/26/17 14:29

Lab Sample ID: 320-28275-20 Client Sample ID: MEAFF-TA-4J_1984-SB01-0001

Date Analyzed: 05/26/17 00:24 Lab File ID: 2017.05.25C_057.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorobutanesulfonic acid (PFBS)	2.32	Baseline	westendorfc	05/26/17 14:30
Perfluorooctanoic acid (PFOA)	3.34	Isomers	westendorfc	05/26/17 14:30

537 (Modified)

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Instrument ID: A8_N Analysis Batch Number: 166365

Lab Sample ID: 320-28275-21 Client Sample ID: MEAFF-TA-4J_1984-SB01-0204

Date Analyzed: 05/26/17 00:39 Lab File ID: 2017.05.25C_059.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorooctanoic acid (PFOA)	3.43	Baseline	westendorfc	05/26/17 14:31

537 (Modified)

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
LCMPFCSU_00068	11/12/17	05/12/17	Methanol, Lot Baker 141039	200 mL	LCM2PFHxDA_00009	200 uL	13C2-PFHxDA	0.05 ug/mL
					LCM2PFTeDA_00008	200 uL	13C2-PFTeDA	0.05 ug/mL
					LCM4PFHPA_00008	200 uL	13C4-PFHpA	0.05 ug/mL
					LCM5PFPEA_00009	200 uL	13C5-PFPeA	0.05 ug/mL
					LCM8FOSA_00012	200 uL	13C8 FOSA	0.05 ug/mL
					LCMPFBA_00009	200 uL	13C4 PFBA	0.05 ug/mL
					LCMPFBS_00002	200 uL	13C3-PFBS	0.0465 ug/mL
					LCMPFDA_00013	200 uL	13C2 PFDA	0.05 ug/mL
					LCMPFDoA_00009	200 uL	13C2 PFDoA	0.05 ug/mL
					LCMPFHxA_00014	200 uL	13C2 PFHxA	0.05 ug/mL
					LCMPFHxS_00009	200 uL	18O2 PFHxS	0.0473 ug/mL
					LCMPFNA_00009	200 uL	13C5 PFNA	0.05 ug/mL
					LCMPFOA_00013	200 uL	13C4 PFOA	0.05 ug/mL
					LCMPFOS_00020	200 uL	13C4 PFOS	0.0478 ug/mL
					LCMPFUdA_00010	200 uL	13C2 PFUnA	0.05 ug/mL
.LCM2PFHxDA_00009	01/07/21	Wellington Laboratories, Lot M2PFHxDA1112			(Purchased Reagent)		13C2-PFHxDA	50 ug/mL
.LCM2PFTeDA_00008	12/07/20	Wellington Laboratories, Lot M2PFTeDA1115			(Purchased Reagent)		13C2-PFTeDA	50 ug/mL
.LCM4PFHPA_00008	05/27/21	Wellington Laboratories, Lot M4PFHpA0516			(Purchased Reagent)		13C4-PFHpA	50 ug/mL
.LCM5PFPEA_00009	11/22/21	Wellington Laboratories, Lot M5PFPeA1116			(Purchased Reagent)		13C5-PFPeA	50 ug/mL
.LCM8FOSA_00012	12/22/20	Wellington Laboratories, Lot M8FOSA1215I			(Purchased Reagent)		13C8 FOSA	50 ug/mL
.LCMPFBA_00009	05/24/21	Wellington Laboratories, Lot MPFBA0516			(Purchased Reagent)		13C4 PFBA	50 ug/mL
.LCMPFBS_00002	08/02/21	Wellington Laboratories, Lot M3PFBS0815			(Purchased Reagent)		13C3-PFBS	46.5 ug/mL
.LCMPFDA_00013	09/30/21	Wellington Laboratories, Lot MPFDA0916			(Purchased Reagent)		13C2 PFDA	50 ug/mL
.LCMPFDoA_00009	04/08/21	Wellington Laboratories, Lot MPFDoA0416			(Purchased Reagent)		13C2 PFDoA	50 ug/mL
.LCMPFHxA_00014	11/22/21	Wellington Laboratories, Lot MPFHxA1116			(Purchased Reagent)		13C2 PFHxA	50 ug/mL
.LCMPFHxS_00009	10/23/20	Wellington Laboratories, Lot MPFHxS1015			(Purchased Reagent)		18O2 PFHxS	47.3 ug/mL
.LCMPFNA_00009	09/30/21	Wellington Laboratories, Lot MPFNA0916			(Purchased Reagent)		13C5 PFNA	50 ug/mL
.LCMPFOA_00013	10/18/21	Wellington Laboratories, Lot MPFOA1016			(Purchased Reagent)		13C4 PFOA	50 ug/mL
.LCMPFOS_00020	12/12/21	Wellington Laboratories, Lot MPFOS1216			(Purchased Reagent)		13C4 PFOS	47.8 ug/mL
.LCMPFUdA_00010	11/22/21	Wellington Laboratories, Lot MPFUdA1116			(Purchased Reagent)		13C2 PFUnA	50 ug/mL
LCPFC_FULL-L1_00002	08/13/17	04/16/17	MeOH/H2O, Lot 90285	5050 uL	LCMPFC2SU_00014	250 uL	d-N-EtFOSA-M	49.505 ng/mL
							d-N-MeFOSA-M	49.505 ng/mL
							d3-NMeFOSAA	49.505 ng/mL
							d5-NEtFOSAA	49.505 ng/mL
							M2-6:2FTS	47.0297 ng/mL
							M2-8:2FTS	47.4257 ng/mL
					LCMPFCSU_00057	250 uL	13C2-PFHxDA	49.505 ng/mL
							13C2-PFTeDA	49.505 ng/mL
							13C4-PFHpA	49.505 ng/mL
							13C5-PFPeA	49.505 ng/mL
							13C8 FOSA	49.505 ng/mL
							13C4 PFBA	49.505 ng/mL
							13C2 PFDA	49.505 ng/mL
							13C2 PFDoA	49.505 ng/mL
							13C2 PFHxA	49.505 ng/mL
							18O2 PFHxS	46.8317 ng/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							13C5 PFNA	49.505 ng/mL
							13C4 PFOA	49.505 ng/mL
							13C4 PFOS	47.3267 ng/mL
							13C2 PFUnA	49.505 ng/mL
					LCPFC2SP_00031	25 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	0.462376 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	0.469307 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	0.474257 ng/mL
							N-ethylperfluoro-1-octanesulfonamide	0.49505 ng/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	0.49505 ng/mL
							MeFOSA	0.49505 ng/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	0.49505 ng/mL
					LCPFCIS_00002	50 uL	13C2-PFOA	49.505 ng/mL
					LCPFCSP_00084	25 uL	Perfluorobutyric acid	0.49505 ng/mL
							Perfluorobutanesulfonic acid (PFBS)	0.437624 ng/mL
							Perfluorodecanoic acid	0.49505 ng/mL
							Perfluorododecanoic acid	0.49505 ng/mL
							Perfluorodecane Sulfonic acid	0.477228 ng/mL
							Perfluoroheptanoic acid	0.49505 ng/mL
							Perfluoroheptanesulfonic Acid	0.471287 ng/mL
							Perfluorohexanoic acid	0.49505 ng/mL
							Perfluorohexadecanoic acid	0.49505 ng/mL
							Perfluorohexanesulfonic acid	0.450495 ng/mL
							Perfluorononanoic acid	0.49505 ng/mL
							Perfluorooctanoic acid (PFOA)	0.49505 ng/mL
							Perfluorooctadecanoic acid	0.49505 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	0.459406 ng/mL
							Perfluorooctane Sulfonamide	0.49505 ng/mL
							Perfluoropentanoic acid	0.49505 ng/mL
							Perfluorotetradecanoic acid	0.49505 ng/mL
							Perfluorotridecanoic acid	0.49505 ng/mL
							Perfluoroundecanoic acid	0.49505 ng/mL
.LCMPFC2SU_00014	08/13/17	02/13/17	Methanol, Lot 104453	50000 uL	LCd-NEtFOSA-M_00004	1000 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00003	1000 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00003	1000 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00003	1000 uL	d5-NEtFOSAA	1 ug/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCM2-6:FTS_00003	1000 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00003	1000 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00004	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00003	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00003	05/31/21	WELLINGTON, Lot d3NMeFOSAA0516			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00003	08/02/21	WELLINGTON, Lot d5NEtFOSAA0716			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00003	01/08/21	WELLINGTON, Lot M262FTS0116			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00003	01/08/21	WELLINGTON, Lot M282FTS0116			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00057	10/04/17	04/04/17	Methanol, Lot Baker 141039	50000 uL	LCM2PFHxDA_00008	1000 uL	13C2-PFHxDA	1 ug/mL
					LCM2PFTeDA_00007	1000 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00007	1000 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00008	1000 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00011	1000 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00008	1000 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00011	1000 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00008	1000 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00012	1000 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00008	1000 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00008	1000 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00012	1000 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00018	1000 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00009	1000 uL	13C2 PFUnA	1 ug/mL
..LCM2PFHxDA_00008	01/07/21	Wellington Laboratories, Lot M2PFHxDA1112			(Purchased Reagent)		13C2-PFHxDA	50 ug/mL
..LCM2PFTeDA_00007	12/07/20	Wellington Laboratories, Lot M2PFTeDA1115			(Purchased Reagent)		13C2-PFTeDA	50 ug/mL
..LCM4PFHPA_00007	05/27/21	Wellington Laboratories, Lot M4PFHpA0516			(Purchased Reagent)		13C4-PFHpA	50 ug/mL
..LCM5PFPEA_00008	05/22/20	Wellington Laboratories, Lot M5PFPeA0515			(Purchased Reagent)		13C5-PFPeA	50 ug/mL
..LCM8FOSA_00011	12/22/17	Wellington Laboratories, Lot M8FOSA1215I			(Purchased Reagent)		13C8 FOSA	50 ug/mL
..LCMPFBA_00008	05/24/21	Wellington Laboratories, Lot MPFBA0516			(Purchased Reagent)		13C4 PFBA	50 ug/mL
..LCMPFDA_00011	08/19/20	Wellington Laboratories, Lot MPFDA0815			(Purchased Reagent)		13C2 PFDA	50 ug/mL
..LCMPFDoA_00008	04/08/21	Wellington Laboratories, Lot MPFDoA0416			(Purchased Reagent)		13C2 PFDoA	50 ug/mL
..LCMPFHxA_00012	04/08/21	Wellington Laboratories, Lot MPFHxA0416			(Purchased Reagent)		13C2 PFHxA	50 ug/mL
..LCMPFHxS_00008	10/23/20	Wellington Laboratories, Lot MPFHxS1015			(Purchased Reagent)		18O2 PFHxS	47.3 ug/mL
..LCMPFNA_00008	04/13/19	Wellington Laboratories, Lot MPFNA0414			(Purchased Reagent)		13C5 PFNA	50 ug/mL
..LCMPFOA_00012	01/22/21	Wellington Laboratories, Lot MPFOA0116			(Purchased Reagent)		13C4 PFOA	50 ug/mL
..LCMPFOS_00018	08/03/21	Wellington Laboratories, Lot MPFOS0816			(Purchased Reagent)		13C4 PFOS	47.8 ug/mL
..LCMPFUdA_00009	02/12/21	Wellington Laboratories, Lot MPFUdA0216			(Purchased Reagent)		13C2 PFUnA	50 ug/mL
.LCPFC2SP_00031	10/14/17	04/14/17	Methanol, Lot 104453	5000 uL	LCPFC2SP_00030	500 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	0.0934 ug/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	0.0948 ug/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	0.0958 ug/mL
							N-ethylperfluoro-1-octanesulfonamide	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-ethyl perfluorooctane sulfonamidoacetic acid	0.1 ug/mL
							MeFOSA	0.1 ug/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	0.1 ug/mL
..LCPFC2SP_00030	10/14/17	04/14/17	Methanol, Lot 104453	10000 uL	LC4:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	0.934 ug/mL
					LC6:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	0.948 ug/mL
					LC8:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	0.958 ug/mL
					LCN-EtFOSA-M_00003	200 uL	N-ethylperfluoro-1-octanesulfonamide	1 ug/mL
					LCN-EtFOSAA_00002	200 uL	N-ethyl perfluorooctane sulfonamidoacetic acid	1 ug/mL
					LCN-MeFOSA-M_00002	200 uL	MeFOSA	1 ug/mL
					LCN-MeFOSAA_00003	200 uL	N-methyl perfluorooctane sulfonamidoacetic acid	1 ug/mL
...LC4:2FTS_00002	12/12/21	WELLINGTON, Lot 42FTS1216			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	46.7 ug/mL
...LC6:2FTS_00002	06/25/21	WELLINGTON, Lot 62FTS0616			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	47.4 ug/mL
...LC8:2FTS_00002	10/23/20	WELLINGTON, Lot 82FTS1015			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	47.9 ug/mL
...LCN-EtFOSA-M_00003	05/24/21	WELLINGTON, Lot NEtFOSA0516M			(Purchased Reagent)		N-ethylperfluoro-1-octanesulfonamide	50 ug/mL
...LCN-EtFOSAA_00002	01/20/21	WELLINGTON, Lot NEtFOSAA0116			(Purchased Reagent)		N-ethyl perfluorooctane sulfonamidoacetic acid	50 ug/mL
...LCN-MeFOSA-M_00002	05/24/21	WELLINGTON, Lot NMeFOSA0714M			(Purchased Reagent)		MeFOSA	50 ug/mL
...LCN-MeFOSAA_00003	01/20/21	WELLINGTON, Lot NMeFOSAA0116			(Purchased Reagent)		N-methyl perfluorooctane sulfonamidoacetic acid	50 ug/mL
.LCPFCIS_00002	10/17/17	04/17/17	Methanol, Lot 14139	2000 uL	LCM2PFOA_00005	200 uL	13C2-PFOA	5 ug/mL
..LCM2PFOA_00005	06/19/18	Wellington Laboratories, Lot M2PFOA0613			(Purchased Reagent)		13C2-PFOA	50 ug/mL
.LCPFCSP_00084	09/02/17	03/23/17	Methanol, Lot 141039	10000 uL	LCPFCSP_00083	2000 uL	Perfluorobutyric acid	0.1 ug/mL
							Perfluorobutanesulfonic acid (PFBS)	0.0884 ug/mL
							Perfluorodecanoic acid	0.1 ug/mL
							Perfluorododecanoic acid	0.1 ug/mL
							Perfluorodecane Sulfonic acid	0.0964 ug/mL
							Perfluoroheptanoic acid	0.1 ug/mL
							Perfluoroheptanesulfonic Acid	0.0952 ug/mL
							Perfluorohexanoic acid	0.1 ug/mL
							Perfluorohexadecanoic acid	0.1 ug/mL
							Perfluorohexanesulfonic acid	0.091 ug/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluorononanoic acid	0.1 ug/mL
							Perfluorooctanoic acid (PFOA)	0.1 ug/mL
							Perfluorooctadecanoic acid	0.1 ug/mL
							Perfluorooctanesulfonic acid (PFOS)	0.0928 ug/mL
							Perfluorooctane Sulfonamide	0.1 ug/mL
							Perfluoropentanoic acid	0.1 ug/mL
							Perfluorotetradecanoic acid	0.1 ug/mL
							Perfluorotridecanoic acid	0.1 ug/mL
							Perfluoroundecanoic acid	0.1 ug/mL
..LCPFCSP_00083	09/02/17	03/23/17	Methanol, Lot 141039	10000 uL	LCPFBA_00005	100 uL	Perfluorobutyric acid	0.5 ug/mL
					LCPFBS_00005	100 uL	Perfluorobutanesulfonic acid (PFBS)	0.442 ug/mL
					LCPFDA_00006	100 uL	Perfluorodecanoic acid	0.5 ug/mL
					LCPFDoA_00006	100 uL	Perfluorododecanoic acid	0.5 ug/mL
					LCPFDS_00006	100 uL	Perfluorodecane Sulfonic acid	0.482 ug/mL
					LCPFHpA_00006	100 uL	Perfluoroheptanoic acid	0.5 ug/mL
					LCPFHpS_00009	100 uL	Perfluoroheptanesulfonic Acid	0.476 ug/mL
					LCPFHxA_00005	100 uL	Perfluorohexanoic acid	0.5 ug/mL
					LCPFHxDA_00006	100 uL	Perfluorohexadecanoic acid	0.5 ug/mL
					LCPFHxS-br_00002	100 uL	Perfluorohexanesulfonic acid	0.455 ug/mL
					LCPFNA_00006	100 uL	Perfluorononanoic acid	0.5 ug/mL
					LCPFOA_00006	100 uL	Perfluorooctanoic acid (PFOA)	0.5 ug/mL
					LCPFODA_00006	100 uL	Perfluorooctadecanoic acid	0.5 ug/mL
					LCPFOS-br_00002	100 uL	Perfluorooctanesulfonic acid (PFOS)	0.464 ug/mL
					LCPFOSA_00009	100 uL	Perfluorooctane Sulfonamide	0.5 ug/mL
					LCPFPeA_00005	100 uL	Perfluoropentanoic acid	0.5 ug/mL
					LCPFTeDA_00005	100 uL	Perfluorotetradecanoic acid	0.5 ug/mL
					LCPFTrDA_00005	100 uL	Perfluorotridecanoic acid	0.5 ug/mL
					LCPFUdA_00005	100 uL	Perfluoroundecanoic acid	0.5 ug/mL
...LCPFBA_00005	05/27/21	Wellington Laboratories, Lot PFBA0516			(Purchased Reagent)		Perfluorobutyric acid	50 ug/mL
...LCPFBS_00005	03/15/21	Wellington Laboratories, Lot LPFBS0316			(Purchased Reagent)		Perfluorobutanesulfonic acid (PFBS)	44.2 ug/mL
...LCPFDA_00006	05/31/21	Wellington Laboratories, Lot PFDA0516			(Purchased Reagent)		Perfluorodecanoic acid	50 ug/mL
...LCPFDoA_00006	05/31/21	Wellington Laboratories, Lot PFDoA0516			(Purchased Reagent)		Perfluorododecanoic acid	50 ug/mL
...LCPFDS_00006	05/24/21	Wellington Laboratories, Lot LPFDS0516			(Purchased Reagent)		Perfluorodecane Sulfonic acid	48.2 ug/mL
...LCPFHpA_00006	01/22/21	Wellington Laboratories, Lot PFHpA0116			(Purchased Reagent)		Perfluoroheptanoic acid	50 ug/mL
...LCPFHpS_00009	11/06/20	Wellington Laboratories, Lot LPFHpS1115			(Purchased Reagent)		Perfluoroheptanesulfonic Acid	47.6 ug/mL
...LCPFHxA_00005	12/22/20	Wellington Laboratories, Lot PFHxA1215			(Purchased Reagent)		Perfluorohexanoic acid	50 ug/mL
...LCPFHxDA_00006	05/25/21	Wellington Laboratories, Lot PFHxDA0516			(Purchased Reagent)		Perfluorohexadecanoic acid	50 ug/mL
...LCPFHxS-br_00002	07/03/20	Wellington Laboratories, Lot brPFHxSK0615			(Purchased Reagent)		Perfluorohexanesulfonic acid	45.5 ug/mL
...LCPFNA_00006	10/23/20	Wellington Laboratories, Lot PFNA1015			(Purchased Reagent)		Perfluorononanoic acid	50 ug/mL
...LCPFOA_00006	11/06/20	Wellington Laboratories, Lot PFOA1115			(Purchased Reagent)		Perfluorooctanoic acid (PFOA)	50 ug/mL
...LCPFODA_00006	04/29/21	Wellington Laboratories, Lot PFODA0416			(Purchased Reagent)		Perfluorooctadecanoic acid	50 ug/mL
...LCPFOS-br_00002	10/14/20	Wellington Laboratories, Lot brPFOSK1015			(Purchased Reagent)		Perfluorooctanesulfonic acid (PFOS)	46.4 ug/mL
...LCPFOSA_00009	09/02/17	Wellington Laboratories, Lot FOSA0815I			(Purchased Reagent)		Perfluorooctane Sulfonamide	50 ug/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
...LCPFPeA_00005	01/30/20	Wellington Laboratories, Lot PFPeA0115			(Purchased Reagent)		Perfluoropentanoic acid	50 ug/mL
...LCPFTeDA_00005	12/09/20	Wellington Laboratories, Lot PFTeDA1215			(Purchased Reagent)		Perfluorotetradecanoic acid	50 ug/mL
...LCPFTrDA_00005	02/12/21	Wellington Laboratories, Lot PFTrDA0216			(Purchased Reagent)		Perfluorotridecanoic acid	50 ug/mL
...LCPFUdA_00005	08/19/20	Wellington Laboratories, Lot PFUdA0815			(Purchased Reagent)		Perfluoroundecanoic acid	50 ug/mL
LCPFC_FULL-L2_00002	08/13/17	04/16/17	MeOH/H2O, Lot 090285	5050 uL	LCMPFC2SU_00014	250 uL	d-N-EtFOSA-M	49.505 ng/mL
							d-N-MeFOSA-M	49.505 ng/mL
							d3-NMeFOSAA	49.505 ng/mL
							d5-NEtFOSAA	49.505 ng/mL
							M2-6:2FTS	47.0297 ng/mL
							M2-8:2FTS	47.4257 ng/mL
					LCMPFCSU_00057	250 uL	13C2-PFHxDA	49.505 ng/mL
							13C2-PFTeDA	49.505 ng/mL
							13C4-PFHpA	49.505 ng/mL
							13C5-PFPeA	49.505 ng/mL
							13C8 FOSA	49.505 ng/mL
							13C4 PFBA	49.505 ng/mL
							13C2 PFDA	49.505 ng/mL
							13C2 PFDoA	49.505 ng/mL
							13C2 PFHxA	49.505 ng/mL
							18O2 PFHxS	46.8317 ng/mL
							13C5 PFNA	49.505 ng/mL
							13C4 PFOA	49.505 ng/mL
							13C4 PFOS	47.3267 ng/mL
							13C2 PFUnA	49.505 ng/mL
					LCPFC2SP_00031	50 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	0.924752 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	0.938614 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	0.948515 ng/mL
							N-ethylperfluoro-1-octanesulfo namide	0.990099 ng/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	0.990099 ng/mL
							MeFOSA	0.990099 ng/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	0.990099 ng/mL
					LCPFCIS_00002	50 uL	13C2-PFOA	49.505 ng/mL
					LCPFCSP_00084	50 uL	Perfluorobutyric acid	0.990099 ng/mL
							Perfluorobutanesulfonic acid (PFBS)	0.875248 ng/mL
							Perfluorodecanoic acid	0.990099 ng/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluorododecanoic acid	0.990099 ng/mL
							Perfluorodecane Sulfonic acid	0.954455 ng/mL
							Perfluoroheptanoic acid	0.990099 ng/mL
							Perfluoroheptanesulfonic Acid	0.942574 ng/mL
							Perfluorohexanoic acid	0.990099 ng/mL
							Perfluorohexadecanoic acid	0.990099 ng/mL
							Perfluorohexanesulfonic acid	0.90099 ng/mL
							Perfluorononanoic acid	0.990099 ng/mL
							Perfluorooctanoic acid (PFOA)	0.990099 ng/mL
							Perfluorooctadecanoic acid	0.990099 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	0.918812 ng/mL
							Perfluorooctane Sulfonamide	0.990099 ng/mL
							Perfluoropentanoic acid	0.990099 ng/mL
							Perfluorotetradecanoic acid	0.990099 ng/mL
							Perfluorotridecanoic acid	0.990099 ng/mL
							Perfluoroundecanoic acid	0.990099 ng/mL
.LCMPFC2SU_00014	08/13/17	02/13/17	Methanol, Lot 104453	50000 uL	LCd-NEtFOSA-M_00004	1000 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00003	1000 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00003	1000 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00003	1000 uL	d5-NEtFOSAA	1 ug/mL
					LCM2-6:FTS_00003	1000 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00003	1000 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00004	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00003	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00003	05/31/21	WELLINGTON, Lot d3NMeFOSAA0516			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00003	08/02/21	WELLINGTON, Lot d5NEtFOSAA0716			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00003	01/08/21	WELLINGTON, Lot M262FTS0116			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00003	01/08/21	WELLINGTON, Lot M282FTS0116			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00057	10/04/17	04/04/17	Methanol, Lot Baker 141039	50000 uL	LCM2PFHxDA_00008	1000 uL	13C2-PFHxDA	1 ug/mL
					LCM2PFTeDA_00007	1000 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00007	1000 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00008	1000 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00011	1000 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00008	1000 uL	13C4 PFBA	1 ug/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCMPFDA_00011	1000 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00008	1000 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00012	1000 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00008	1000 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00008	1000 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00012	1000 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00018	1000 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00009	1000 uL	13C2 PFUnA	1 ug/mL
..LCM2PFHxDA_00008	01/07/21	Wellington Laboratories, Lot M2PFHxDA1112			(Purchased Reagent)		13C2-PFHxDA	50 ug/mL
..LCM2PFTeDA_00007	12/07/20	Wellington Laboratories, Lot M2PFTeDA1115			(Purchased Reagent)		13C2-PFTeDA	50 ug/mL
..LCM4PFHPA_00007	05/27/21	Wellington Laboratories, Lot M4PFHpA0516			(Purchased Reagent)		13C4-PFHpA	50 ug/mL
..LCM5PFPEA_00008	05/22/20	Wellington Laboratories, Lot M5PFPeA0515			(Purchased Reagent)		13C5-PFPeA	50 ug/mL
..LCM8FOSA_00011	12/22/17	Wellington Laboratories, Lot M8FOSA1215I			(Purchased Reagent)		13C8 FOSA	50 ug/mL
..LCMPFBA_00008	05/24/21	Wellington Laboratories, Lot MPFBA0516			(Purchased Reagent)		13C4 PFBA	50 ug/mL
..LCMPFDA_00011	08/19/20	Wellington Laboratories, Lot MPFDA0815			(Purchased Reagent)		13C2 PFDA	50 ug/mL
..LCMPFDoA_00008	04/08/21	Wellington Laboratories, Lot MPFDoA0416			(Purchased Reagent)		13C2 PFDoA	50 ug/mL
..LCMPFHxA_00012	04/08/21	Wellington Laboratories, Lot MPFHxA0416			(Purchased Reagent)		13C2 PFHxA	50 ug/mL
..LCMPFHxS_00008	10/23/20	Wellington Laboratories, Lot MPFHxS1015			(Purchased Reagent)		18O2 PFHxS	47.3 ug/mL
..LCMPFNA_00008	04/13/19	Wellington Laboratories, Lot MPFNA0414			(Purchased Reagent)		13C5 PFNA	50 ug/mL
..LCMPFOA_00012	01/22/21	Wellington Laboratories, Lot MPFOA0116			(Purchased Reagent)		13C4 PFOA	50 ug/mL
..LCMPFOS_00018	08/03/21	Wellington Laboratories, Lot MPFOS0816			(Purchased Reagent)		13C4 PFOS	47.8 ug/mL
..LCMPFUdA_00009	02/12/21	Wellington Laboratories, Lot MPFUdA0216			(Purchased Reagent)		13C2 PFUnA	50 ug/mL
.LCPFC2SP_00031	10/14/17	04/14/17	Methanol, Lot 104453	5000 uL	LCPFC2SP_00030	500 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	0.0934 ug/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	0.0948 ug/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	0.0958 ug/mL
							N-ethylperfluoro-1-octanesulfonamide	0.1 ug/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	0.1 ug/mL
							MeFOSA	0.1 ug/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	0.1 ug/mL
..LCPFC2SP_00030	10/14/17	04/14/17	Methanol, Lot 104453	10000 uL	LC4:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	0.934 ug/mL
					LC6:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	0.948 ug/mL
					LC8:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	0.958 ug/mL
					LCN-EtFOSA-M_00003	200 uL	N-ethylperfluoro-1-octanesulfonamide	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCN-EtFOSAA_00002	200 uL	N-ethyl perfluorooctane sulfonamidoacetic acid	1 ug/mL
					LCN-MeFOSA-M_00002	200 uL	MeFOSA	1 ug/mL
					LCN-MeFOSAA_00003	200 uL	N-methyl perfluorooctane sulfonamidoacetic acid	1 ug/mL
...LC4:2FTS_00002	12/12/21	WELLINGTON, Lot 42FTS1216			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	46.7 ug/mL
...LC6:2FTS_00002	06/25/21	WELLINGTON, Lot 62FTS0616			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	47.4 ug/mL
...LC8:2FTS_00002	10/23/20	WELLINGTON, Lot 82FTS1015			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	47.9 ug/mL
...LCN-EtFOSA-M_00003	05/24/21	WELLINGTON, Lot NEtFOSA0516M			(Purchased Reagent)		N-ethylperfluoro-1-octanesulfonamide	50 ug/mL
...LCN-EtFOSAA_00002	01/20/21	WELLINGTON, Lot NEtFOSAA0116			(Purchased Reagent)		N-ethyl perfluorooctane sulfonamidoacetic acid	50 ug/mL
...LCN-MeFOSA-M_00002	05/24/21	WELLINGTON, Lot NMeFOSA0714M			(Purchased Reagent)		MeFOSA	50 ug/mL
...LCN-MeFOSAA_00003	01/20/21	WELLINGTON, Lot NMeFOSAA0116			(Purchased Reagent)		N-methyl perfluorooctane sulfonamidoacetic acid	50 ug/mL
.LCPFCIS_00002	10/17/17	04/17/17	Methanol, Lot 14139	2000 uL	LCM2PFOA_00005	200 uL	13C2-PFOA	5 ug/mL
..LCM2PFOA_00005	06/19/18	Wellington Laboratories, Lot M2PFOA0613			(Purchased Reagent)		13C2-PFOA	50 ug/mL
.LCPFCSP_00084	09/02/17	03/23/17	Methanol, Lot 141039	10000 uL	LCPFCSP_00083	2000 uL	Perfluorobutyric acid	0.1 ug/mL
							Perfluorobutanesulfonic acid (PFBS)	0.0884 ug/mL
							Perfluorodecanoic acid	0.1 ug/mL
							Perfluorododecanoic acid	0.1 ug/mL
							Perfluorodecane Sulfonic acid	0.0964 ug/mL
							Perfluoroheptanoic acid	0.1 ug/mL
							Perfluoroheptanesulfonic Acid	0.0952 ug/mL
							Perfluorohexanoic acid	0.1 ug/mL
							Perfluorohexadecanoic acid	0.1 ug/mL
							Perfluorohexanesulfonic acid	0.091 ug/mL
							Perfluorononanoic acid	0.1 ug/mL
							Perfluorooctanoic acid (PFOA)	0.1 ug/mL
							Perfluorooctadecanoic acid	0.1 ug/mL
							Perfluorooctanesulfonic acid (PFOS)	0.0928 ug/mL
							Perfluorooctane Sulfonamide	0.1 ug/mL
							Perfluoropentanoic acid	0.1 ug/mL
							Perfluorotetradecanoic acid	0.1 ug/mL
							Perfluorotridecanoic acid	0.1 ug/mL
							Perfluoroundecanoic acid	0.1 ug/mL
..LCPFCSP_00083	09/02/17	03/23/17	Methanol, Lot 141039	10000 uL	LCPFBA_00005	100 uL	Perfluorobutyric acid	0.5 ug/mL
					LCPFBS_00005	100 uL	Perfluorobutanesulfonic acid (PFBS)	0.442 ug/mL
					LCPFDA_00006	100 uL	Perfluorodecanoic acid	0.5 ug/mL
					LCPFDoA_00006	100 uL	Perfluorododecanoic acid	0.5 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCPFDS_00006	100 uL	Perfluorodecane Sulfonic acid	0.482 ug/mL
					LCPFHpA_00006	100 uL	Perfluoroheptanoic acid	0.5 ug/mL
					LCPFHpS_00009	100 uL	Perfluoroheptanesulfonic Acid	0.476 ug/mL
					LCPFHxA_00005	100 uL	Perfluorohexanoic acid	0.5 ug/mL
					LCPFHxDA_00006	100 uL	Perfluorohexadecanoic acid	0.5 ug/mL
					LCPFHxS-br_00002	100 uL	Perfluorohexanesulfonic acid	0.455 ug/mL
					LCPFNA_00006	100 uL	Perfluorononanoic acid	0.5 ug/mL
					LCPFOA_00006	100 uL	Perfluorooctanoic acid (PFOA)	0.5 ug/mL
					LCPFODA_00006	100 uL	Perfluorooctadecanoic acid	0.5 ug/mL
					LCPFOS-br_00002	100 uL	Perfluorooctanesulfonic acid (PFOS)	0.464 ug/mL
					LCPFOSA_00009	100 uL	Perfluorooctane Sulfonamide	0.5 ug/mL
					LCPFPeA_00005	100 uL	Perfluoropentanoic acid	0.5 ug/mL
					LCPFTeDA_00005	100 uL	Perfluorotetradecanoic acid	0.5 ug/mL
					LCPFTrDA_00005	100 uL	Perfluorotridecanoic acid	0.5 ug/mL
					LCPFUdA_00005	100 uL	Perfluoroundecanoic acid	0.5 ug/mL
...LCPFBA_00005	05/27/21	Wellington Laboratories, Lot PFBA0516			(Purchased Reagent)		Perfluorobutyric acid	50 ug/mL
...LCPFBS_00005	03/15/21	Wellington Laboratories, Lot LPFBS0316			(Purchased Reagent)		Perfluorobutanesulfonic acid (PFBS)	44.2 ug/mL
...LCPFDA_00006	05/31/21	Wellington Laboratories, Lot PFDA0516			(Purchased Reagent)		Perfluorodecanoic acid	50 ug/mL
...LCPFDoA_00006	05/31/21	Wellington Laboratories, Lot PFDoA0516			(Purchased Reagent)		Perfluorododecanoic acid	50 ug/mL
...LCPFDS_00006	05/24/21	Wellington Laboratories, Lot LPFDS0516			(Purchased Reagent)		Perfluorodecane Sulfonic acid	48.2 ug/mL
...LCPFHpA_00006	01/22/21	Wellington Laboratories, Lot PFHpA0116			(Purchased Reagent)		Perfluoroheptanoic acid	50 ug/mL
...LCPFHpS_00009	11/06/20	Wellington Laboratories, Lot LPFHpS1115			(Purchased Reagent)		Perfluoroheptanesulfonic Acid	47.6 ug/mL
...LCPFHxA_00005	12/22/20	Wellington Laboratories, Lot PFHxA1215			(Purchased Reagent)		Perfluorohexanoic acid	50 ug/mL
...LCPFHxDA_00006	05/25/21	Wellington Laboratories, Lot PFHxDA0516			(Purchased Reagent)		Perfluorohexadecanoic acid	50 ug/mL
...LCPFHxS-br_00002	07/03/20	Wellington Laboratories, Lot brPFHxSK0615			(Purchased Reagent)		Perfluorohexanesulfonic acid	45.5 ug/mL
...LCPFNA_00006	10/23/20	Wellington Laboratories, Lot PFNA1015			(Purchased Reagent)		Perfluorononanoic acid	50 ug/mL
...LCPFOA_00006	11/06/20	Wellington Laboratories, Lot PFOA1115			(Purchased Reagent)		Perfluorooctanoic acid (PFOA)	50 ug/mL
...LCPFODA_00006	04/29/21	Wellington Laboratories, Lot PFODA0416			(Purchased Reagent)		Perfluorooctadecanoic acid	50 ug/mL
...LCPFOS-br_00002	10/14/20	Wellington Laboratories, Lot brPFOSK1015			(Purchased Reagent)		Perfluorooctanesulfonic acid (PFOS)	46.4 ug/mL
...LCPFOSA_00009	09/02/17	Wellington Laboratories, Lot FOSA0815I			(Purchased Reagent)		Perfluorooctane Sulfonamide	50 ug/mL
...LCPFPeA_00005	01/30/20	Wellington Laboratories, Lot PFPeA0115			(Purchased Reagent)		Perfluoropentanoic acid	50 ug/mL
...LCPFTeDA_00005	12/09/20	Wellington Laboratories, Lot PFTeDA1215			(Purchased Reagent)		Perfluorotetradecanoic acid	50 ug/mL
...LCPFTrDA_00005	02/12/21	Wellington Laboratories, Lot PFTrDA0216			(Purchased Reagent)		Perfluorotridecanoic acid	50 ug/mL
...LCPFUdA_00005	08/19/20	Wellington Laboratories, Lot PFUdA0815			(Purchased Reagent)		Perfluoroundecanoic acid	50 ug/mL
LCPFC_FULL-L2_00003	08/13/17	04/16/17	MeOH/H2O, Lot 090285	5050 uL	LCMPFC2SU_00014	250 uL	d-N-EtFOSA-M	49.505 ng/mL
							d-N-MeFOSA-M	49.505 ng/mL
							d3-NMeFOSAA	49.505 ng/mL
							d5-NEtFOSAA	49.505 ng/mL
							M2-6:2FTS	47.0297 ng/mL
							M2-8:2FTS	47.4257 ng/mL
					LCMPFCSU_00057	250 uL	13C2-PFHxDA	49.505 ng/mL
							13C2-PFTeDA	49.505 ng/mL
							13C4-PFHpA	49.505 ng/mL
							13C5-PFPeA	49.505 ng/mL
							13C8 FOSA	49.505 ng/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							13C4 PFBA	49.505 ng/mL
							13C2 PFDA	49.505 ng/mL
							13C2 PFDoA	49.505 ng/mL
							13C2 PFHxA	49.505 ng/mL
							18O2 PFHxS	46.8317 ng/mL
							13C5 PFNA	49.505 ng/mL
							13C4 PFOA	49.505 ng/mL
							13C4 PFOS	47.3267 ng/mL
							13C2 PFUnA	49.505 ng/mL
					LCPFCSP_00084	50 uL	Perfluorobutanesulfonic acid (PFBS)	0.875248 ng/mL
							Perfluorooctanoic acid (PFOA)	0.990099 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	0.918812 ng/mL
.LCMPFC2SU_00014	08/13/17	02/13/17	Methanol, Lot 104453	50000 uL	LCd-NEtFOSA-M_00004	1000 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00003	1000 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00003	1000 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00003	1000 uL	d5-NEtFOSAA	1 ug/mL
					LCM2-6:FTS_00003	1000 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00003	1000 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00004	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00003	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00003	05/31/21	WELLINGTON, Lot d3NMeFOSAA0516			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00003	08/02/21	WELLINGTON, Lot d5NEtFOSAA0716			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00003	01/08/21	WELLINGTON, Lot M262FTS0116			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00003	01/08/21	WELLINGTON, Lot M282FTS0116			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00057	10/04/17	04/04/17	Methanol, Lot Baker 141039	50000 uL	LCM2PFHxDA_00008	1000 uL	13C2-PFHxDA	1 ug/mL
					LCM2PFTeDA_00007	1000 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00007	1000 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00008	1000 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00011	1000 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00008	1000 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00011	1000 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00008	1000 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00012	1000 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00008	1000 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00008	1000 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00012	1000 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00018	1000 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00009	1000 uL	13C2 PFUnA	1 ug/mL
..LCM2PFHxDA_00008	01/07/21	Wellington Laboratories, Lot M2PFHxDA1112			(Purchased Reagent)		13C2-PFHxDA	50 ug/mL
..LCM2PFTeDA_00007	12/07/20	Wellington Laboratories, Lot M2PFTeDA1115			(Purchased Reagent)		13C2-PFTeDA	50 ug/mL
..LCM4PFHPA_00007	05/27/21	Wellington Laboratories, Lot M4PFHpA0516			(Purchased Reagent)		13C4-PFHpA	50 ug/mL
..LCM5PFPEA_00008	05/22/20	Wellington Laboratories, Lot M5PFPeA0515			(Purchased Reagent)		13C5-PFPeA	50 ug/mL
..LCM8FOSA_00011	12/22/17	Wellington Laboratories, Lot M8FOSA1215I			(Purchased Reagent)		13C8 FOSA	50 ug/mL
..LCMPFBA_00008	05/24/21	Wellington Laboratories, Lot MPFBA0516			(Purchased Reagent)		13C4 PFBA	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..LCMPFDA_00011	08/19/20	Wellington Laboratories, Lot MPFDA0815			(Purchased Reagent)		13C2 PFDA	50 ug/mL
..LCMPFDoA_00008	04/08/21	Wellington Laboratories, Lot MPFDoA0416			(Purchased Reagent)		13C2 PFDoA	50 ug/mL
..LCMPFHxA_00012	04/08/21	Wellington Laboratories, Lot MPFHxA0416			(Purchased Reagent)		13C2 PFHxA	50 ug/mL
..LCMPFHxS_00008	10/23/20	Wellington Laboratories, Lot MPFHxS1015			(Purchased Reagent)		18O2 PFHxS	47.3 ug/mL
..LCMPFNA_00008	04/13/19	Wellington Laboratories, Lot MPFNA0414			(Purchased Reagent)		13C5 PFNA	50 ug/mL
..LCMPFOA_00012	01/22/21	Wellington Laboratories, Lot MPFOA0116			(Purchased Reagent)		13C4 PFOA	50 ug/mL
..LCMPFOS_00018	08/03/21	Wellington Laboratories, Lot MPFOS0816			(Purchased Reagent)		13C4 PFOS	47.8 ug/mL
..LCMPFUdA_00009	02/12/21	Wellington Laboratories, Lot MPFUdA0216			(Purchased Reagent)		13C2 PFUnA	50 ug/mL
.LCPFCSP_00084	09/02/17	03/23/17	Methanol, Lot 141039	10000 uL	LCPFCSP_00083	2000 uL	Perfluorobutanesulfonic acid (PFBS)	0.0884 ug/mL
							Perfluorooctanoic acid (PFOA)	0.1 ug/mL
							Perfluorooctanesulfonic acid (PFOS)	0.0928 ug/mL
..LCPFCSP_00083	09/02/17	03/23/17	Methanol, Lot 141039	10000 uL	LCPFBS_00005	100 uL	Perfluorobutanesulfonic acid (PFBS)	0.442 ug/mL
					LCPFOA_00006	100 uL	Perfluorooctanoic acid (PFOA)	0.5 ug/mL
					LCPFOS-br_00002	100 uL	Perfluorooctanesulfonic acid (PFOS)	0.464 ug/mL
...LCPFBS_00005	03/15/21	Wellington Laboratories, Lot LPFBS0316			(Purchased Reagent)		Perfluorobutanesulfonic acid (PFBS)	44.2 ug/mL
...LCPFOA_00006	11/06/20	Wellington Laboratories, Lot PFOA1115			(Purchased Reagent)		Perfluorooctanoic acid (PFOA)	50 ug/mL
...LCPFOS-br_00002	10/14/20	Wellington Laboratories, Lot brPFOSK1015			(Purchased Reagent)		Perfluorooctanesulfonic acid (PFOS)	46.4 ug/mL
LCPFC_FULL-L3_00002	08/13/17	04/16/17	MeOH/H2O, Lot 090285	5050 uL	LCMPFC2SU_00014	250 uL	d-N-EtFOSA-M	49.505 ng/mL
							d-N-MeFOSA-M	49.505 ng/mL
							d3-NMeFOSAA	49.505 ng/mL
							d5-NEtFOSAA	49.505 ng/mL
							M2-6:2FTS	47.0297 ng/mL
							M2-8:2FTS	47.4257 ng/mL
					LCMPFCSU_00057	250 uL	13C2-PFHxDA	49.505 ng/mL
							13C2-PFTeDA	49.505 ng/mL
							13C4-PFHpA	49.505 ng/mL
							13C5-PFPeA	49.505 ng/mL
							13C8 FOSA	49.505 ng/mL
							13C4 PFBA	49.505 ng/mL
							13C2 PFDA	49.505 ng/mL
							13C2 PFDoA	49.505 ng/mL
							13C2 PFHxA	49.505 ng/mL
							18O2 PFHxS	46.8317 ng/mL
							13C5 PFNA	49.505 ng/mL
							13C4 PFOA	49.505 ng/mL
							13C4 PFOS	47.3267 ng/mL
							13C2 PFUnA	49.505 ng/mL
					LCPFC2SP_00031	250 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	4.62376 ng/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	4.69307 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	4.74257 ng/mL
							N-ethylperfluoro-1-octanesulfo namide	4.9505 ng/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	4.9505 ng/mL
							MeFOSA	4.9505 ng/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	4.9505 ng/mL
					LCPFCIS_00002	50 uL	13C2-PFOA	49.505 ng/mL
					LCPFCSP_00084	250 uL	Perfluorobutyric acid	4.9505 ng/mL
							Perfluorobutanesulfonic acid (PFBS)	4.37624 ng/mL
							Perfluorodecanoic acid	4.9505 ng/mL
							Perfluorododecanoic acid	4.9505 ng/mL
							Perfluorodecane Sulfonic acid	4.77228 ng/mL
							Perfluoroheptanoic acid	4.9505 ng/mL
							Perfluoroheptanesulfonic Acid	4.71287 ng/mL
							Perfluorohexanoic acid	4.9505 ng/mL
							Perfluorohexadecanoic acid	4.9505 ng/mL
							Perfluorohexanesulfonic acid	4.50495 ng/mL
							Perfluorononanoic acid	4.9505 ng/mL
							Perfluorooctanoic acid (PFOA)	4.9505 ng/mL
							Perfluorooctadecanoic acid	4.9505 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	4.59406 ng/mL
							Perfluorooctane Sulfonamide	4.9505 ng/mL
							Perfluoropentanoic acid	4.9505 ng/mL
							Perfluorotetradecanoic acid	4.9505 ng/mL
							Perfluorotridecanoic acid	4.9505 ng/mL
							Perfluoroundecanoic acid	4.9505 ng/mL
.LCMPFC2SU_00014	08/13/17	02/13/17	Methanol, Lot 104453	50000 uL	LCd-NEtFOSA-M_00004	1000 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00003	1000 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00003	1000 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00003	1000 uL	d5-NEtFOSAA	1 ug/mL
					LCM2-6:FTS_00003	1000 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00003	1000 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00004	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00003	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00003	05/31/21	WELLINGTON, Lot d3NMeFOSAA0516			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00003	08/02/21	WELLINGTON, Lot d5NEtFOSAA0716			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00003	01/08/21	WELLINGTON, Lot M262FTS0116			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00003	01/08/21	WELLINGTON, Lot M282FTS0116			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00057	10/04/17	04/04/17	Methanol, Lot Baker 141039	50000 uL	LCM2PFHxDA_00008	1000 uL	13C2-PFHxDA	1 ug/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCM2PFTeDA_00007	1000 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00007	1000 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00008	1000 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00011	1000 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00008	1000 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00011	1000 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00008	1000 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00012	1000 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00008	1000 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00008	1000 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00012	1000 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00018	1000 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00009	1000 uL	13C2 PFUnA	1 ug/mL
..LCM2PFHxDA_00008	01/07/21	Wellington Laboratories, Lot M2PFHxDA1112			(Purchased Reagent)		13C2-PFHxDA	50 ug/mL
..LCM2PFTeDA_00007	12/07/20	Wellington Laboratories, Lot M2PFTeDA1115			(Purchased Reagent)		13C2-PFTeDA	50 ug/mL
..LCM4PFHPA_00007	05/27/21	Wellington Laboratories, Lot M4PFHpA0516			(Purchased Reagent)		13C4-PFHpA	50 ug/mL
..LCM5PFPEA_00008	05/22/20	Wellington Laboratories, Lot M5PFPeA0515			(Purchased Reagent)		13C5-PFPeA	50 ug/mL
..LCM8FOSA_00011	12/22/17	Wellington Laboratories, Lot M8FOSA1215I			(Purchased Reagent)		13C8 FOSA	50 ug/mL
..LCMPFBA_00008	05/24/21	Wellington Laboratories, Lot MPFBA0516			(Purchased Reagent)		13C4 PFBA	50 ug/mL
..LCMPFDA_00011	08/19/20	Wellington Laboratories, Lot MPFDA0815			(Purchased Reagent)		13C2 PFDA	50 ug/mL
..LCMPFDoA_00008	04/08/21	Wellington Laboratories, Lot MPFDoA0416			(Purchased Reagent)		13C2 PFDoA	50 ug/mL
..LCMPFHxA_00012	04/08/21	Wellington Laboratories, Lot MPFHxA0416			(Purchased Reagent)		13C2 PFHxA	50 ug/mL
..LCMPFHxS_00008	10/23/20	Wellington Laboratories, Lot MPFHxS1015			(Purchased Reagent)		18O2 PFHxS	47.3 ug/mL
..LCMPFNA_00008	04/13/19	Wellington Laboratories, Lot MPFNA0414			(Purchased Reagent)		13C5 PFNA	50 ug/mL
..LCMPFOA_00012	01/22/21	Wellington Laboratories, Lot MPFOA0116			(Purchased Reagent)		13C4 PFOA	50 ug/mL
..LCMPFOS_00018	08/03/21	Wellington Laboratories, Lot MPFOS0816			(Purchased Reagent)		13C4 PFOS	47.8 ug/mL
..LCMPFUdA_00009	02/12/21	Wellington Laboratories, Lot MPFUdA0216			(Purchased Reagent)		13C2 PFUnA	50 ug/mL
.LCPFC2SP_00031	10/14/17	04/14/17	Methanol, Lot 104453	5000 uL	LCPFC2SP_00030	500 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	0.0934 ug/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	0.0948 ug/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	0.0958 ug/mL
							N-ethylperfluoro-1-octanesulfonamide	0.1 ug/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	0.1 ug/mL
							MeFOSA	0.1 ug/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	0.1 ug/mL
..LCPFC2SP_00030	10/14/17	04/14/17	Methanol, Lot 104453	10000 uL	LC4:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	0.934 ug/mL
					LC6:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	0.948 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LC8:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	0.958 ug/mL
					LCN-EtFOSA-M_00003	200 uL	N-ethylperfluoro-1-octanesulfonamide	1 ug/mL
					LCN-EtFOSAA_00002	200 uL	N-ethyl perfluorooctane sulfonamidoacetic acid	1 ug/mL
					LCN-MeFOSA-M_00002	200 uL	MeFOSA	1 ug/mL
					LCN-MeFOSAA_00003	200 uL	N-methyl perfluorooctane sulfonamidoacetic acid	1 ug/mL
...LC4:2FTS_00002	12/12/21	WELLINGTON, Lot 42FTS1216			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	46.7 ug/mL
...LC6:2FTS_00002	06/25/21	WELLINGTON, Lot 62FTS0616			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	47.4 ug/mL
...LC8:2FTS_00002	10/23/20	WELLINGTON, Lot 82FTS1015			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	47.9 ug/mL
...LCN-EtFOSA-M_00003	05/24/21	WELLINGTON, Lot NEtFOSA0516M			(Purchased Reagent)		N-ethylperfluoro-1-octanesulfonamide	50 ug/mL
...LCN-EtFOSAA_00002	01/20/21	WELLINGTON, Lot NEtFOSAA0116			(Purchased Reagent)		N-ethyl perfluorooctane sulfonamidoacetic acid	50 ug/mL
...LCN-MeFOSA-M_00002	05/24/21	WELLINGTON, Lot NMeFOSA0714M			(Purchased Reagent)		MeFOSA	50 ug/mL
...LCN-MeFOSAA_00003	01/20/21	WELLINGTON, Lot NMeFOSAA0116			(Purchased Reagent)		N-methyl perfluorooctane sulfonamidoacetic acid	50 ug/mL
.LCPFCIS_00002	10/17/17	04/17/17	Methanol, Lot 14139	2000 uL	LCM2PFOA_00005	200 uL	13C2-PFOA	5 ug/mL
..LCM2PFOA_00005	06/19/18	Wellington Laboratories, Lot M2PFOA0613			(Purchased Reagent)		13C2-PFOA	50 ug/mL
.LCPFCSP_00084	09/02/17	03/23/17	Methanol, Lot 141039	10000 uL	LCPFCSP_00083	2000 uL	Perfluorobutyric acid	0.1 ug/mL
							Perfluorobutanesulfonic acid (PFBS)	0.0884 ug/mL
							Perfluorodecanoic acid	0.1 ug/mL
							Perfluorododecanoic acid	0.1 ug/mL
							Perfluorodecane Sulfonic acid	0.0964 ug/mL
							Perfluoroheptanoic acid	0.1 ug/mL
							Perfluoroheptanesulfonic Acid	0.0952 ug/mL
							Perfluorohexanoic acid	0.1 ug/mL
							Perfluorohexadecanoic acid	0.1 ug/mL
							Perfluorohexanesulfonic acid	0.091 ug/mL
							Perfluorononanoic acid	0.1 ug/mL
							Perfluorooctanoic acid (PFOA)	0.1 ug/mL
							Perfluorooctadecanoic acid	0.1 ug/mL
							Perfluorooctanesulfonic acid (PFOS)	0.0928 ug/mL
							Perfluorooctane Sulfonamide	0.1 ug/mL
							Perfluoropentanoic acid	0.1 ug/mL
							Perfluorotetradecanoic acid	0.1 ug/mL
							Perfluorotridecanoic acid	0.1 ug/mL
							Perfluoroundecanoic acid	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..LCPFCSP_00083	09/02/17	03/23/17	Methanol, Lot 141039	10000 uL	LCPFBA_00005	100 uL	Perfluorobutyric acid	0.5 ug/mL
					LCPFBS_00005	100 uL	Perfluorobutanesulfonic acid (PFBS)	0.442 ug/mL
					LCPFDA_00006	100 uL	Perfluorodecanoic acid	0.5 ug/mL
					LCPFDoA_00006	100 uL	Perfluorododecanoic acid	0.5 ug/mL
					LCPFDS_00006	100 uL	Perfluorodecane Sulfonic acid	0.482 ug/mL
					LCPFHpA_00006	100 uL	Perfluoroheptanoic acid	0.5 ug/mL
					LCPFHpS_00009	100 uL	Perfluoroheptanesulfonic Acid	0.476 ug/mL
					LCPFHxA_00005	100 uL	Perfluorohexanoic acid	0.5 ug/mL
					LCPFHxDA_00006	100 uL	Perfluorohexadecanoic acid	0.5 ug/mL
					LCPFHxS-br_00002	100 uL	Perfluorohexanesulfonic acid	0.455 ug/mL
					LCPFNA_00006	100 uL	Perfluorononanoic acid	0.5 ug/mL
					LCPFOA_00006	100 uL	Perfluorooctanoic acid (PFOA)	0.5 ug/mL
					LCPFODA_00006	100 uL	Perfluorooctadecanoic acid	0.5 ug/mL
					LCPFOS-br_00002	100 uL	Perfluorooctanesulfonic acid (PFOS)	0.464 ug/mL
					LCPFOSA_00009	100 uL	Perfluorooctane Sulfonamide	0.5 ug/mL
					LCPFPeA_00005	100 uL	Perfluoropentanoic acid	0.5 ug/mL
					LCPFTeDA_00005	100 uL	Perfluorotetradecanoic acid	0.5 ug/mL
					LCPFTrDA_00005	100 uL	Perfluorotridecanoic acid	0.5 ug/mL
					LCPFUdA_00005	100 uL	Perfluoroundecanoic acid	0.5 ug/mL
...LCPFBA_00005	05/27/21	Wellington Laboratories, Lot PFBA0516			(Purchased Reagent)		Perfluorobutyric acid	50 ug/mL
...LCPFBS_00005	03/15/21	Wellington Laboratories, Lot LPFBS0316			(Purchased Reagent)		Perfluorobutanesulfonic acid (PFBS)	44.2 ug/mL
...LCPFDA_00006	05/31/21	Wellington Laboratories, Lot PFDA0516			(Purchased Reagent)		Perfluorodecanoic acid	50 ug/mL
...LCPFDoA_00006	05/31/21	Wellington Laboratories, Lot PFDoA0516			(Purchased Reagent)		Perfluorododecanoic acid	50 ug/mL
...LCPFDS_00006	05/24/21	Wellington Laboratories, Lot LPFDS0516			(Purchased Reagent)		Perfluorodecane Sulfonic acid	48.2 ug/mL
...LCPFHpA_00006	01/22/21	Wellington Laboratories, Lot PFHpA0116			(Purchased Reagent)		Perfluoroheptanoic acid	50 ug/mL
...LCPFHpS_00009	11/06/20	Wellington Laboratories, Lot LPFHpS1115			(Purchased Reagent)		Perfluoroheptanesulfonic Acid	47.6 ug/mL
...LCPFHxA_00005	12/22/20	Wellington Laboratories, Lot PFHxA1215			(Purchased Reagent)		Perfluorohexanoic acid	50 ug/mL
...LCPFHxDA_00006	05/25/21	Wellington Laboratories, Lot PFHxDA0516			(Purchased Reagent)		Perfluorohexadecanoic acid	50 ug/mL
...LCPFHxS-br_00002	07/03/20	Wellington Laboratories, Lot brPFHxSK0615			(Purchased Reagent)		Perfluorohexanesulfonic acid	45.5 ug/mL
...LCPFNA_00006	10/23/20	Wellington Laboratories, Lot PFNA1015			(Purchased Reagent)		Perfluorononanoic acid	50 ug/mL
...LCPFOA_00006	11/06/20	Wellington Laboratories, Lot PFOA1115			(Purchased Reagent)		Perfluorooctanoic acid (PFOA)	50 ug/mL
...LCPFODA_00006	04/29/21	Wellington Laboratories, Lot PFODA0416			(Purchased Reagent)		Perfluorooctadecanoic acid	50 ug/mL
...LCPFOS-br_00002	10/14/20	Wellington Laboratories, Lot brPFOSK1015			(Purchased Reagent)		Perfluorooctanesulfonic acid (PFOS)	46.4 ug/mL
...LCPFOSA_00009	09/02/17	Wellington Laboratories, Lot FOSA0815I			(Purchased Reagent)		Perfluorooctane Sulfonamide	50 ug/mL
...LCPFPeA_00005	01/30/20	Wellington Laboratories, Lot PFPeA0115			(Purchased Reagent)		Perfluoropentanoic acid	50 ug/mL
...LCPFTeDA_00005	12/09/20	Wellington Laboratories, Lot PFTeDA1215			(Purchased Reagent)		Perfluorotetradecanoic acid	50 ug/mL
...LCPFTrDA_00005	02/12/21	Wellington Laboratories, Lot PFTrDA0216			(Purchased Reagent)		Perfluorotridecanoic acid	50 ug/mL
...LCPFUdA_00005	08/19/20	Wellington Laboratories, Lot PFUdA0815			(Purchased Reagent)		Perfluoroundecanoic acid	50 ug/mL
LCPFC_FULL-L4_00002	08/13/17	04/16/17	MeOH/H2O, Lot 090285	5050 uL	LCMPFC2SU_00014	250 uL	d-N-EtFOSA-M	49.505 ng/mL
							d-N-MeFOSA-M	49.505 ng/mL
							d3-NMeFOSAA	49.505 ng/mL
							d5-NEtFOSAA	49.505 ng/mL
							M2-6:2FTS	47.0297 ng/mL
							M2-8:2FTS	47.4257 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCMPFCSU_00057	250 uL	13C2-PFHxDA	49.505 ng/mL
							13C2-PFTeDA	49.505 ng/mL
							13C4-PFHpA	49.505 ng/mL
							13C5-PFPeA	49.505 ng/mL
							13C8 FOSA	49.505 ng/mL
							13C4 PFBA	49.505 ng/mL
							13C2 PFDA	49.505 ng/mL
							13C2 PFDoA	49.505 ng/mL
							13C2 PFHxA	49.505 ng/mL
							18O2 PFHxS	46.8317 ng/mL
							13C5 PFNA	49.505 ng/mL
							13C4 PFOA	49.505 ng/mL
							13C4 PFOS	47.3267 ng/mL
							13C2 PFUnA	49.505 ng/mL
					LCPFC2SP_00030	100 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	18.495 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	18.7723 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	18.9703 ng/mL
							N-ethylperfluoro-1-octanesulfonamide	19.802 ng/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	19.802 ng/mL
							MeFOSA	19.802 ng/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	19.802 ng/mL
					LCPFCIS_00002	50 uL	13C2-PFOA	49.505 ng/mL
					LCPFCSP_00086	200 uL	Perfluorobutyric acid	19.802 ng/mL
							Perfluorobutanesulfonic acid (PFBS)	17.505 ng/mL
							Perfluorodecanoic acid	19.802 ng/mL
							Perfluorododecanoic acid	19.802 ng/mL
							Perfluorodecane Sulfonic acid	19.0891 ng/mL
							Perfluoroheptanoic acid	19.802 ng/mL
							Perfluoroheptanesulfonic Acid	18.8515 ng/mL
							Perfluorohexanoic acid	19.802 ng/mL
							Perfluorohexadecanoic acid	19.802 ng/mL
							Perfluorohexanesulfonic acid	18.0198 ng/mL
							Perfluorononanoic acid	19.802 ng/mL
							Perfluorooctanoic acid (PFOA)	19.802 ng/mL
							Perfluorooctadecanoic acid	19.802 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	18.3762 ng/mL
							Perfluorooctane Sulfonamide	19.802 ng/mL
							Perfluoropentanoic acid	19.802 ng/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluorotetradecanoic acid	19.802 ng/mL
							Perfluorotridecanoic acid	19.802 ng/mL
							Perfluoroundecanoic acid	19.802 ng/mL
.LCMPFC2SU_00014	08/13/17	02/13/17	Methanol, Lot 104453	50000 uL	LCd-NEtFOSA-M_00004	1000 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00003	1000 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00003	1000 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00003	1000 uL	d5-NEtFOSAA	1 ug/mL
					LCM2-6:FTS_00003	1000 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00003	1000 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00004	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00003	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00003	05/31/21	WELLINGTON, Lot d3NMeFOSAA0516			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00003	08/02/21	WELLINGTON, Lot d5NEtFOSAA0716			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00003	01/08/21	WELLINGTON, Lot M262FTS0116			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00003	01/08/21	WELLINGTON, Lot M282FTS0116			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00057	10/04/17	04/04/17	Methanol, Lot Baker 141039	50000 uL	LCM2PFHxDA_00008	1000 uL	13C2-PFHxDA	1 ug/mL
					LCM2PFTeDA_00007	1000 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00007	1000 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00008	1000 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00011	1000 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00008	1000 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00011	1000 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00008	1000 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00012	1000 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00008	1000 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00008	1000 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00012	1000 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00018	1000 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00009	1000 uL	13C2 PFUnA	1 ug/mL
..LCM2PFHxDA_00008	01/07/21	Wellington Laboratories, Lot M2PFHxDA1112			(Purchased Reagent)		13C2-PFHxDA	50 ug/mL
..LCM2PFTeDA_00007	12/07/20	Wellington Laboratories, Lot M2PFTeDA1115			(Purchased Reagent)		13C2-PFTeDA	50 ug/mL
..LCM4PFHPA_00007	05/27/21	Wellington Laboratories, Lot M4PFHpA0516			(Purchased Reagent)		13C4-PFHpA	50 ug/mL
..LCM5PFPEA_00008	05/22/20	Wellington Laboratories, Lot M5PFPeA0515			(Purchased Reagent)		13C5-PFPeA	50 ug/mL
..LCM8FOSA_00011	12/22/17	Wellington Laboratories, Lot M8FOSA1215I			(Purchased Reagent)		13C8 FOSA	50 ug/mL
..LCMPFBA_00008	05/24/21	Wellington Laboratories, Lot MPFBA0516			(Purchased Reagent)		13C4 PFBA	50 ug/mL
..LCMPFDA_00011	08/19/20	Wellington Laboratories, Lot MPFDA0815			(Purchased Reagent)		13C2 PFDA	50 ug/mL
..LCMPFDoA_00008	04/08/21	Wellington Laboratories, Lot MPFDoA0416			(Purchased Reagent)		13C2 PFDoA	50 ug/mL
..LCMPFHxA_00012	04/08/21	Wellington Laboratories, Lot MPFHxA0416			(Purchased Reagent)		13C2 PFHxA	50 ug/mL
..LCMPFHxS_00008	10/23/20	Wellington Laboratories, Lot MPFHxS1015			(Purchased Reagent)		18O2 PFHxS	47.3 ug/mL
..LCMPFNA_00008	04/13/19	Wellington Laboratories, Lot MPFNA0414			(Purchased Reagent)		13C5 PFNA	50 ug/mL
..LCMPFOA_00012	01/22/21	Wellington Laboratories, Lot MPFOA0116			(Purchased Reagent)		13C4 PFOA	50 ug/mL
..LCMPFOS_00018	08/03/21	Wellington Laboratories, Lot MPFOS0816			(Purchased Reagent)		13C4 PFOS	47.8 ug/mL
..LCMPFUdA_00009	02/12/21	Wellington Laboratories, Lot MPFUdA0216			(Purchased Reagent)		13C2 PFUnA	50 ug/mL
.LCPFC2SP_00030	10/14/17	04/14/17	Methanol, Lot 104453	10000 uL	LC4:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	0.934 ug/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LC6:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	0.948 ug/mL
					LC8:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	0.958 ug/mL
					LCN-EtFOSA-M_00003	200 uL	N-ethylperfluoro-1-octanesulfo namide	1 ug/mL
					LCN-EtFOSAA_00002	200 uL	N-ethyl perfluorooctane sulfonamidoacetic acid	1 ug/mL
					LCN-MeFOSA-M_00002	200 uL	MeFOSA	1 ug/mL
					LCN-MeFOSAA_00003	200 uL	N-methyl perfluorooctane sulfonamidoacetic acid	1 ug/mL
..LC4:2FTS_00002	12/12/21	WELLINGTON, Lot 42FTS1216			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	46.7 ug/mL
..LC6:2FTS_00002	06/25/21	WELLINGTON, Lot 62FTS0616			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	47.4 ug/mL
..LC8:2FTS_00002	10/23/20	WELLINGTON, Lot 82FTS1015			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	47.9 ug/mL
..LCN-EtFOSA-M_00003	05/24/21	WELLINGTON, Lot NEtFOSA0516M			(Purchased Reagent)		N-ethylperfluoro-1-octanesulfo namide	50 ug/mL
..LCN-EtFOSAA_00002	01/20/21	WELLINGTON, Lot NEtFOSAA0116			(Purchased Reagent)		N-ethyl perfluorooctane sulfonamidoacetic acid	50 ug/mL
..LCN-MeFOSA-M_00002	05/24/21	WELLINGTON, Lot NMeFOSA0714M			(Purchased Reagent)		MeFOSA	50 ug/mL
..LCN-MeFOSAA_00003	01/20/21	WELLINGTON, Lot NMeFOSAA0116			(Purchased Reagent)		N-methyl perfluorooctane sulfonamidoacetic acid	50 ug/mL
.LCPFCIS_00002	10/17/17	04/17/17	Methanol, Lot 14139	2000 uL	LCM2PFOA_00005	200 uL	13C2-PFOA	5 ug/mL
..LCM2PFOA_00005	06/19/18	Wellington Laboratories, Lot M2PFOA0613			(Purchased Reagent)		13C2-PFOA	50 ug/mL
.LCPFCSP_00086	09/02/17	04/05/17	Methanol, Lot 141039	10000 uL	LCPFBA_00005	100 uL	Perfluorobutyric acid	0.5 ug/mL
					LCPFBS_00005	100 uL	Perfluorobutanesulfonic acid (PFBS)	0.442 ug/mL
					LCPFDA_00006	100 uL	Perfluorodecanoic acid	0.5 ug/mL
					LCPFDoA_00006	100 uL	Perfluorododecanoic acid	0.5 ug/mL
					LCPFDS_00006	100 uL	Perfluorodecane Sulfonic acid	0.482 ug/mL
					LCPFHpA_00006	100 uL	Perfluoroheptanoic acid	0.5 ug/mL
					LCPFHpS_00009	100 uL	Perfluoroheptanesulfonic Acid	0.476 ug/mL
					LCPFHxA_00005	100 uL	Perfluorohexanoic acid	0.5 ug/mL
					LCPFHxDA_00006	100 uL	Perfluorohexadecanoic acid	0.5 ug/mL
					LCPFHxS-br_00002	100 uL	Perfluorohexanesulfonic acid	0.455 ug/mL
					LCPFNA_00006	100 uL	Perfluorononanoic acid	0.5 ug/mL
					LCPFOA_00007	100 uL	Perfluorooctanoic acid (PFOA)	0.5 ug/mL
					LCPFODA_00006	100 uL	Perfluorooctadecanoic acid	0.5 ug/mL
					LCPFOS-br_00002	100 uL	Perfluorooctanesulfonic acid (PFOS)	0.464 ug/mL
					LCPFOSA_00009	100 uL	Perfluorooctane Sulfonamide	0.5 ug/mL
					LCPFPeA_00006	100 uL	Perfluoropentanoic acid	0.5 ug/mL
					LCPFTeDA_00005	100 uL	Perfluorotetradecanoic acid	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCPFTrDA_00005	100 uL	Perfluorotridecanoic acid	0.5 ug/mL
					LCPFUdA_00005	100 uL	Perfluoroundecanoic acid	0.5 ug/mL
..LCPFBA_00005	05/27/21	Wellington Laboratories, Lot PFBA0516			(Purchased Reagent)		Perfluorobutyric acid	50 ug/mL
..LCPFBS_00005	03/15/21	Wellington Laboratories, Lot LPFBS0316			(Purchased Reagent)		Perfluorobutanesulfonic acid (PFBS)	44.2 ug/mL
..LCPFDA_00006	05/31/21	Wellington Laboratories, Lot PFDA0516			(Purchased Reagent)		Perfluorodecanoic acid	50 ug/mL
..LCPFDoA_00006	05/31/21	Wellington Laboratories, Lot PFDoA0516			(Purchased Reagent)		Perfluorododecanoic acid	50 ug/mL
..LCPFDS_00006	05/24/21	Wellington Laboratories, Lot LPFDS0516			(Purchased Reagent)		Perfluorodecane Sulfonic acid	48.2 ug/mL
..LCPFHpA_00006	01/22/21	Wellington Laboratories, Lot PFHpA0116			(Purchased Reagent)		Perfluoroheptanoic acid	50 ug/mL
..LCPFHpS_00009	11/06/20	Wellington Laboratories, Lot LPFHpS1115			(Purchased Reagent)		Perfluoroheptanesulfonic Acid	47.6 ug/mL
..LCPFHxA_00005	12/22/20	Wellington Laboratories, Lot PFHxA1215			(Purchased Reagent)		Perfluorohexanoic acid	50 ug/mL
..LCPFHxDA_00006	05/25/21	Wellington Laboratories, Lot PFHxDA0516			(Purchased Reagent)		Perfluorohexadecanoic acid	50 ug/mL
..LCPFHxS-br_00002	07/03/20	Wellington Laboratories, Lot brPFHxSK0615			(Purchased Reagent)		Perfluorohexanesulfonic acid	45.5 ug/mL
..LCPFNA_00006	10/23/20	Wellington Laboratories, Lot PFNA1015			(Purchased Reagent)		Perfluorononanoic acid	50 ug/mL
..LCPFOA_00007	08/02/21	Wellington Laboratories, Lot PFOA0716			(Purchased Reagent)		Perfluorooctanoic acid (PFOA)	50 ug/mL
..LCPFODA_00006	04/29/21	Wellington Laboratories, Lot PFODA0416			(Purchased Reagent)		Perfluorooctadecanoic acid	50 ug/mL
..LCPFOS-br_00002	10/14/20	Wellington Laboratories, Lot brPFOSK1015			(Purchased Reagent)		Perfluorooctanesulfonic acid (PFOS)	46.4 ug/mL
..LCPFOSA_00009	09/02/17	Wellington Laboratories, Lot FOSA0815I			(Purchased Reagent)		Perfluorooctane Sulfonamide	50 ug/mL
..LCPFPeA_00006	05/31/21	Wellington Laboratories, Lot PFPeA0516			(Purchased Reagent)		Perfluoropentanoic acid	50 ug/mL
..LCPFTeDA_00005	12/09/20	Wellington Laboratories, Lot PFTeDA1215			(Purchased Reagent)		Perfluorotetradecanoic acid	50 ug/mL
..LCPFTrDA_00005	02/12/21	Wellington Laboratories, Lot PFTrDA0216			(Purchased Reagent)		Perfluorotridecanoic acid	50 ug/mL
..LCPFUdA_00005	08/19/20	Wellington Laboratories, Lot PFUdA0815			(Purchased Reagent)		Perfluoroundecanoic acid	50 ug/mL
LCPFC_FULL-L4_00003	08/13/17	04/16/17	MeOH/H2O, Lot 090285	5050 uL	LCMPFCSU_00057	250 uL	18O2 PFHxS	46.8317 ng/mL
							13C4 PFOA	49.505 ng/mL
							13C4 PFOS	47.3267 ng/mL
					LCPFCSP_00086	200 uL	Perfluorobutanesulfonic acid (PFBS)	17.505 ng/mL
							Perfluorooctanoic acid (PFOA)	19.802 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	18.3762 ng/mL
.LCMPFCSU_00057	10/04/17	04/04/17	Methanol, Lot Baker 141039	50000 uL	LCMPFHxS_00008	1000 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFOA_00012	1000 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00018	1000 uL	13C4 PFOS	0.956 ug/mL
..LCMPFHxS_00008	10/23/20	Wellington Laboratories, Lot MPFHxS1015			(Purchased Reagent)		18O2 PFHxS	47.3 ug/mL
..LCMPFOA_00012	01/22/21	Wellington Laboratories, Lot MPFOA0116			(Purchased Reagent)		13C4 PFOA	50 ug/mL
..LCMPFOS_00018	08/03/21	Wellington Laboratories, Lot MPFOS0816			(Purchased Reagent)		13C4 PFOS	47.8 ug/mL
.LCPFCSP_00086	09/02/17	04/05/17	Methanol, Lot 141039	10000 uL	LCPFBS_00005	100 uL	Perfluorobutanesulfonic acid (PFBS)	0.442 ug/mL
					LCPFOA_00007	100 uL	Perfluorooctanoic acid (PFOA)	0.5 ug/mL
					LCPFOS-br_00002	100 uL	Perfluorooctanesulfonic acid (PFOS)	0.464 ug/mL
..LCPFBS_00005	03/15/21	Wellington Laboratories, Lot LPFBS0316			(Purchased Reagent)		Perfluorobutanesulfonic acid (PFBS)	44.2 ug/mL
..LCPFOA_00007	08/02/21	Wellington Laboratories, Lot PFOA0716			(Purchased Reagent)		Perfluorooctanoic acid (PFOA)	50 ug/mL
..LCPFOS-br_00002	10/14/20	Wellington Laboratories, Lot brPFOSK1015			(Purchased Reagent)		Perfluorooctanesulfonic acid (PFOS)	46.4 ug/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
LCPFC_FULL-L5_00002	08/13/17	04/16/17	MeOH/H2O, Lot 090285	5050 uL	LCMPFC2SU_00014	250 uL	d-N-EtFOSA-M	49.505 ng/mL
							d-N-MeFOSA-M	49.505 ng/mL
							d3-NMeFOSAA	49.505 ng/mL
							d5-NEtFOSAA	49.505 ng/mL
							M2-6:2FTS	47.0297 ng/mL
							M2-8:2FTS	47.4257 ng/mL
					LCMPFCSU_00057	250 uL	13C2-PFHxDA	49.505 ng/mL
							13C2-PFTeDA	49.505 ng/mL
							13C4-PFHpA	49.505 ng/mL
							13C5-PFPeA	49.505 ng/mL
							13C8 FOSA	49.505 ng/mL
							13C4 PFBA	49.505 ng/mL
							13C2 PFDA	49.505 ng/mL
							13C2 PFDoA	49.505 ng/mL
							13C2 PFHxA	49.505 ng/mL
							18O2 PFHxS	46.8317 ng/mL
							13C5 PFNA	49.505 ng/mL
							13C4 PFOA	49.505 ng/mL
							13C4 PFOS	47.3267 ng/mL
							13C2 PFUnA	49.505 ng/mL
					LCPFC2SP_00030	250 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	46.2376 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	46.9307 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	47.4257 ng/mL
							N-ethylperfluoro-1-octanesulfonamide	49.505 ng/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	49.505 ng/mL
							MeFOSA	49.505 ng/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	49.505 ng/mL
					LCPFCIS_00002	50 uL	13C2-PFOA	49.505 ng/mL
					LCPFCSP_00086	500 uL	Perfluorobutyric acid	49.505 ng/mL
							Perfluorobutanesulfonic acid (PFBS)	43.7624 ng/mL
							Perfluorodecanoic acid	49.505 ng/mL
							Perfluorododecanoic acid	49.505 ng/mL
							Perfluorodecane Sulfonic acid	47.7228 ng/mL
							Perfluoroheptanoic acid	49.505 ng/mL
							Perfluoroheptanesulfonic Acid	47.1287 ng/mL
							Perfluorohexanoic acid	49.505 ng/mL
							Perfluorohexadecanoic acid	49.505 ng/mL
							Perfluorohexanesulfonic acid	45.0495 ng/mL
							Perfluorononanoic acid	49.505 ng/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluorooctanoic acid (PFOA)	49.505 ng/mL
							Perfluorooctadecanoic acid	49.505 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	45.9406 ng/mL
							Perfluorooctane Sulfonamide	49.505 ng/mL
							Perfluoropentanoic acid	49.505 ng/mL
							Perfluorotetradecanoic acid	49.505 ng/mL
							Perfluorotridecanoic acid	49.505 ng/mL
							Perfluoroundecanoic acid	49.505 ng/mL
.LCMPFC2SU_00014	08/13/17	02/13/17	Methanol, Lot 104453	50000 uL	LCd-NEtFOSA-M_00004	1000 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00003	1000 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00003	1000 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00003	1000 uL	d5-NEtFOSAA	1 ug/mL
					LCM2-6:FTS_00003	1000 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00003	1000 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00004	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00003	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00003	05/31/21	WELLINGTON, Lot d3NMeFOSAA0516			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00003	08/02/21	WELLINGTON, Lot d5NEtFOSAA0716			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00003	01/08/21	WELLINGTON, Lot M262FTS0116			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00003	01/08/21	WELLINGTON, Lot M282FTS0116			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00057	10/04/17	04/04/17	Methanol, Lot Baker 141039	50000 uL	LCM2PFHxDA_00008	1000 uL	13C2-PFHxDA	1 ug/mL
					LCM2PFTeDA_00007	1000 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00007	1000 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00008	1000 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00011	1000 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00008	1000 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00011	1000 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00008	1000 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00012	1000 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00008	1000 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00008	1000 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00012	1000 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00018	1000 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00009	1000 uL	13C2 PFUnA	1 ug/mL
..LCM2PFHxDA_00008	01/07/21	Wellington Laboratories, Lot M2PFHxDA1112			(Purchased Reagent)		13C2-PFHxDA	50 ug/mL
..LCM2PFTeDA_00007	12/07/20	Wellington Laboratories, Lot M2PFTeDA1115			(Purchased Reagent)		13C2-PFTeDA	50 ug/mL
..LCM4PFHPA_00007	05/27/21	Wellington Laboratories, Lot M4PFHpA0516			(Purchased Reagent)		13C4-PFHpA	50 ug/mL
..LCM5PFPEA_00008	05/22/20	Wellington Laboratories, Lot M5PFPeA0515			(Purchased Reagent)		13C5-PFPeA	50 ug/mL
..LCM8FOSA_00011	12/22/17	Wellington Laboratories, Lot M8FOSA1215I			(Purchased Reagent)		13C8 FOSA	50 ug/mL
..LCMPFBA_00008	05/24/21	Wellington Laboratories, Lot MPFBA0516			(Purchased Reagent)		13C4 PFBA	50 ug/mL
..LCMPFDA_00011	08/19/20	Wellington Laboratories, Lot MPFDA0815			(Purchased Reagent)		13C2 PFDA	50 ug/mL
..LCMPFDoA_00008	04/08/21	Wellington Laboratories, Lot MPFDoA0416			(Purchased Reagent)		13C2 PFDoA	50 ug/mL
..LCMPFHxA_00012	04/08/21	Wellington Laboratories, Lot MPFHxA0416			(Purchased Reagent)		13C2 PFHxA	50 ug/mL
..LCMPFHxS_00008	10/23/20	Wellington Laboratories, Lot MPFHxS1015			(Purchased Reagent)		18O2 PFHxS	47.3 ug/mL
..LCMPFNA_00008	04/13/19	Wellington Laboratories, Lot MPFNA0414			(Purchased Reagent)		13C5 PFNA	50 ug/mL
..LCMPFOA_00012	01/22/21	Wellington Laboratories, Lot MPFOA0116			(Purchased Reagent)		13C4 PFOA	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..LCMPFOS_00018	08/03/21	Wellington Laboratories, Lot MPFOS0816			(Purchased Reagent)		13C4 PFOS	47.8 ug/mL
..LCMPFUdA_00009	02/12/21	Wellington Laboratories, Lot MPFUdA0216			(Purchased Reagent)		13C2 PFUnA	50 ug/mL
.LCPFC2SP_00030	10/14/17	04/14/17	Methanol, Lot 104453	10000 uL	LC4:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	0.934 ug/mL
					LC6:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	0.948 ug/mL
					LC8:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	0.958 ug/mL
					LCN-EtFOSA-M_00003	200 uL	N-ethylperfluoro-1-octanesulfo namide	1 ug/mL
					LCN-EtFOSAA_00002	200 uL	N-ethyl perfluorooctane sulfonamidoacetic acid	1 ug/mL
					LCN-MeFOSA-M_00002	200 uL	MeFOSA	1 ug/mL
					LCN-MeFOSAA_00003	200 uL	N-methyl perfluorooctane sulfonamidoacetic acid	1 ug/mL
..LC4:2FTS_00002	12/12/21	WELLINGTON, Lot 42FTS1216			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	46.7 ug/mL
..LC6:2FTS_00002	06/25/21	WELLINGTON, Lot 62FTS0616			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	47.4 ug/mL
..LC8:2FTS_00002	10/23/20	WELLINGTON, Lot 82FTS1015			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	47.9 ug/mL
..LCN-EtFOSA-M_00003	05/24/21	WELLINGTON, Lot NEtFOSA0516M			(Purchased Reagent)		N-ethylperfluoro-1-octanesulfo namide	50 ug/mL
..LCN-EtFOSAA_00002	01/20/21	WELLINGTON, Lot NEtFOSAA0116			(Purchased Reagent)		N-ethyl perfluorooctane sulfonamidoacetic acid	50 ug/mL
..LCN-MeFOSA-M_00002	05/24/21	WELLINGTON, Lot NMeFOSA0714M			(Purchased Reagent)		MeFOSA	50 ug/mL
..LCN-MeFOSAA_00003	01/20/21	WELLINGTON, Lot NMeFOSAA0116			(Purchased Reagent)		N-methyl perfluorooctane sulfonamidoacetic acid	50 ug/mL
.LCPFCIS_00002	10/17/17	04/17/17	Methanol, Lot 14139	2000 uL	LCM2PFOA_00005	200 uL	13C2-PFOA	5 ug/mL
..LCM2PFOA_00005	06/19/18	Wellington Laboratories, Lot M2PFOA0613			(Purchased Reagent)		13C2-PFOA	50 ug/mL
.LCPFCSP_00086	09/02/17	04/05/17	Methanol, Lot 141039	10000 uL	LCPFBA_00005	100 uL	Perfluorobutyric acid	0.5 ug/mL
					LCPFBS_00005	100 uL	Perfluorobutanesulfonic acid (PFBS)	0.442 ug/mL
					LCPFDA_00006	100 uL	Perfluorodecanoic acid	0.5 ug/mL
					LCPFDoA_00006	100 uL	Perfluorododecanoic acid	0.5 ug/mL
					LCPFDS_00006	100 uL	Perfluorodecane Sulfonic acid	0.482 ug/mL
					LCPFHpA_00006	100 uL	Perfluoroheptanoic acid	0.5 ug/mL
					LCPFHpS_00009	100 uL	Perfluoroheptanesulfonic Acid	0.476 ug/mL
					LCPFHxA_00005	100 uL	Perfluorohexanoic acid	0.5 ug/mL
					LCPFHxDA_00006	100 uL	Perfluorohexadecanoic acid	0.5 ug/mL
					LCPFHxS-br_00002	100 uL	Perfluorohexanesulfonic acid	0.455 ug/mL
					LCPFNA_00006	100 uL	Perfluorononanoic acid	0.5 ug/mL
					LCPFOA_00007	100 uL	Perfluorooctanoic acid (PFOA)	0.5 ug/mL
					LCPFODA_00006	100 uL	Perfluorooctadecanoic acid	0.5 ug/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCPFOS-br_00002	100 uL	Perfluorooctanesulfonic acid (PFOS)	0.464 ug/mL
					LCPFOSA_00009	100 uL	Perfluorooctane Sulfonamide	0.5 ug/mL
					LCPFPeA_00006	100 uL	Perfluoropentanoic acid	0.5 ug/mL
					LCPFTeDA_00005	100 uL	Perfluorotetradecanoic acid	0.5 ug/mL
					LCPFTrDA_00005	100 uL	Perfluorotridecanoic acid	0.5 ug/mL
					LCPFUdA_00005	100 uL	Perfluoroundecanoic acid	0.5 ug/mL
..LCPFBA_00005	05/27/21	Wellington Laboratories, Lot PFBA0516			(Purchased Reagent)		Perfluorobutyric acid	50 ug/mL
..LCPFBS_00005	03/15/21	Wellington Laboratories, Lot LPFBS0316			(Purchased Reagent)		Perfluorobutanesulfonic acid (PFBS)	44.2 ug/mL
..LCPFDA_00006	05/31/21	Wellington Laboratories, Lot PFDA0516			(Purchased Reagent)		Perfluorodecanoic acid	50 ug/mL
..LCPFDoA_00006	05/31/21	Wellington Laboratories, Lot PFDoA0516			(Purchased Reagent)		Perfluorododecanoic acid	50 ug/mL
..LCPFDS_00006	05/24/21	Wellington Laboratories, Lot LPFDS0516			(Purchased Reagent)		Perfluorodecane Sulfonic acid	48.2 ug/mL
..LCPFHpA_00006	01/22/21	Wellington Laboratories, Lot PFHpA0116			(Purchased Reagent)		Perfluoroheptanoic acid	50 ug/mL
..LCPFHpS_00009	11/06/20	Wellington Laboratories, Lot LPFHpS1115			(Purchased Reagent)		Perfluoroheptanesulfonic Acid	47.6 ug/mL
..LCPFHxA_00005	12/22/20	Wellington Laboratories, Lot PFHxA1215			(Purchased Reagent)		Perfluorohexanoic acid	50 ug/mL
..LCPFHxDA_00006	05/25/21	Wellington Laboratories, Lot PFHxDA0516			(Purchased Reagent)		Perfluorohexadecanoic acid	50 ug/mL
..LCPFHxS-br_00002	07/03/20	Wellington Laboratories, Lot brPFHxSK0615			(Purchased Reagent)		Perfluorohexanesulfonic acid	45.5 ug/mL
..LCPFNA_00006	10/23/20	Wellington Laboratories, Lot PFNA1015			(Purchased Reagent)		Perfluorononanoic acid	50 ug/mL
..LCPFOA_00007	08/02/21	Wellington Laboratories, Lot PFOA0716			(Purchased Reagent)		Perfluorooctanoic acid (PFOA)	50 ug/mL
..LCPFODA_00006	04/29/21	Wellington Laboratories, Lot PFODA0416			(Purchased Reagent)		Perfluorooctadecanoic acid	50 ug/mL
..LCPFOS-br_00002	10/14/20	Wellington Laboratories, Lot brPFOSK1015			(Purchased Reagent)		Perfluorooctanesulfonic acid (PFOS)	46.4 ug/mL
..LCPFOSA_00009	09/02/17	Wellington Laboratories, Lot FOSA0815I			(Purchased Reagent)		Perfluorooctane Sulfonamide	50 ug/mL
..LCPFPeA_00006	05/31/21	Wellington Laboratories, Lot PFPeA0516			(Purchased Reagent)		Perfluoropentanoic acid	50 ug/mL
..LCPFTeDA_00005	12/09/20	Wellington Laboratories, Lot PFTeDA1215			(Purchased Reagent)		Perfluorotetradecanoic acid	50 ug/mL
..LCPFTrDA_00005	02/12/21	Wellington Laboratories, Lot PFTrDA0216			(Purchased Reagent)		Perfluorotridecanoic acid	50 ug/mL
..LCPFUdA_00005	08/19/20	Wellington Laboratories, Lot PFUdA0815			(Purchased Reagent)		Perfluoroundecanoic acid	50 ug/mL
LCPFC_FULL-L5_00003	08/13/17	04/16/17	MeOH/H2O, Lot 090285	5050 uL	LCMPFCSU_00057	250 uL	18O2 PFHxS	46.8317 ng/mL
							13C4 PFOA	49.505 ng/mL
							13C4 PFOS	47.3267 ng/mL
					LCPFCSP_00086	500 uL	Perfluorobutanesulfonic acid (PFBS)	43.7624 ng/mL
							Perfluorooctanoic acid (PFOA)	49.505 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	45.9406 ng/mL
.LCMPFCSU_00057	10/04/17	04/04/17	Methanol, Lot Baker 141039	50000 uL	LCMPFHxS_00008	1000 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFOA_00012	1000 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00018	1000 uL	13C4 PFOS	0.956 ug/mL
..LCMPFHxS_00008	10/23/20	Wellington Laboratories, Lot MPFHxS1015			(Purchased Reagent)		18O2 PFHxS	47.3 ug/mL
..LCMPFOA_00012	01/22/21	Wellington Laboratories, Lot MPFOA0116			(Purchased Reagent)		13C4 PFOA	50 ug/mL
..LCMPFOS_00018	08/03/21	Wellington Laboratories, Lot MPFOS0816			(Purchased Reagent)		13C4 PFOS	47.8 ug/mL
.LCPFCSP_00086	09/02/17	04/05/17	Methanol, Lot 141039	10000 uL	LCPFBS_00005	100 uL	Perfluorobutanesulfonic acid (PFBS)	0.442 ug/mL
					LCPFOA_00007	100 uL	Perfluorooctanoic acid (PFOA)	0.5 ug/mL
					LCPFOS-br_00002	100 uL	Perfluorooctanesulfonic acid (PFOS)	0.464 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..LCPFBS_00005	03/15/21	Wellington Laboratories, Lot LPFBS0316			(Purchased Reagent)		Perfluorobutanesulfonic acid (PFBS)	44.2 ug/mL
..LCPFOA_00007	08/02/21	Wellington Laboratories, Lot PFOA0716			(Purchased Reagent)		Perfluorooctanoic acid (PFOA)	50 ug/mL
..LCPFOS-br_00002	10/14/20	Wellington Laboratories, Lot brPFOSK1015			(Purchased Reagent)		Perfluorooctanesulfonic acid (PFOS)	46.4 ug/mL
LCPFC_FULL-L6_00003	08/13/17	04/19/17	MeOH/H2O, Lot 090285	5050 uL	LCMPFC2SU_00014	250 uL	d-N-EtFOSA-M	49.505 ng/mL
							d-N-MeFOSA-M	49.505 ng/mL
							d3-NMeFOSAA	49.505 ng/mL
							d5-NEtFOSAA	49.505 ng/mL
							M2-6:2FTS	47.0297 ng/mL
							M2-8:2FTS	47.4257 ng/mL
					LCMPFCSU_00057	250 uL	13C2-PFHxDA	49.505 ng/mL
							13C2-PFTeDA	49.505 ng/mL
							13C4-PFHpA	49.505 ng/mL
							13C5-PFPeA	49.505 ng/mL
							13C8 FOSA	49.505 ng/mL
							13C4 PFBA	49.505 ng/mL
							13C2 PFDA	49.505 ng/mL
							13C2 PFDoA	49.505 ng/mL
							13C2 PFHxA	49.505 ng/mL
							18O2 PFHxS	46.8317 ng/mL
							13C5 PFNA	49.505 ng/mL
							13C4 PFOA	49.505 ng/mL
							13C4 PFOS	47.3267 ng/mL
							13C2 PFUnA	49.505 ng/mL
					LCPFC2SP_00030	500 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	92.4752 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	93.8614 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	94.8515 ng/mL
							N-ethylperfluoro-1-octanesulfo namide	99.0099 ng/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	99.0099 ng/mL
							MeFOSA	99.0099 ng/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	99.0099 ng/mL
					LCPFCIS_00002	50 uL	13C2-PFOA	49.505 ng/mL
					LCPFCSP_00086	1000 uL	Perfluorobutyric acid	99.0099 ng/mL
							Perfluorobutanesulfonic acid (PFBS)	87.5248 ng/mL
							Perfluorodecanoic acid	99.0099 ng/mL
							Perfluorododecanoic acid	99.0099 ng/mL
							Perfluorodecane Sulfonic acid	95.4455 ng/mL
							Perfluoroheptanoic acid	99.0099 ng/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluoroheptanesulfonic Acid	94.2574 ng/mL
							Perfluorohexanoic acid	99.0099 ng/mL
							Perfluorohexadecanoic acid	99.0099 ng/mL
							Perfluorohexanesulfonic acid	90.099 ng/mL
							Perfluorononanoic acid	99.0099 ng/mL
							Perfluorooctanoic acid (PFOA)	99.0099 ng/mL
							Perfluorooctadecanoic acid	99.0099 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	91.8812 ng/mL
							Perfluorooctane Sulfonamide	99.0099 ng/mL
							Perfluoropentanoic acid	99.0099 ng/mL
							Perfluorotetradecanoic acid	99.0099 ng/mL
							Perfluorotridecanoic acid	99.0099 ng/mL
							Perfluoroundecanoic acid	99.0099 ng/mL
.LCMPFC2SU_00014	08/13/17	02/13/17	Methanol, Lot 104453	50000 uL	LCd-NEtFOSA-M_00004	1000 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00003	1000 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00003	1000 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00003	1000 uL	d5-NEtFOSAA	1 ug/mL
					LCM2-6:FTS_00003	1000 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00003	1000 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00004	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00003	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00003	05/31/21	WELLINGTON, Lot d3NMeFOSAA0516			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00003	08/02/21	WELLINGTON, Lot d5NEtFOSAA0716			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00003	01/08/21	WELLINGTON, Lot M262FTS0116			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00003	01/08/21	WELLINGTON, Lot M282FTS0116			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00057	10/04/17	04/04/17	Methanol, Lot Baker 141039	50000 uL	LCM2PFHxDA_00008	1000 uL	13C2-PFHxDA	1 ug/mL
					LCM2PFTeDA_00007	1000 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00007	1000 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00008	1000 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00011	1000 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00008	1000 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00011	1000 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00008	1000 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00012	1000 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00008	1000 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00008	1000 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00012	1000 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00018	1000 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00009	1000 uL	13C2 PFUnA	1 ug/mL
..LCM2PFHxDA_00008	01/07/21	Wellington Laboratories, Lot M2PFHxDA1112			(Purchased Reagent)		13C2-PFHxDA	50 ug/mL
..LCM2PFTeDA_00007	12/07/20	Wellington Laboratories, Lot M2PFTeDA1115			(Purchased Reagent)		13C2-PFTeDA	50 ug/mL
..LCM4PFHPA_00007	05/27/21	Wellington Laboratories, Lot M4PFHpA0516			(Purchased Reagent)		13C4-PFHpA	50 ug/mL
..LCM5PFPEA_00008	05/22/20	Wellington Laboratories, Lot M5PFPeA0515			(Purchased Reagent)		13C5-PFPeA	50 ug/mL
..LCM8FOSA_00011	12/22/17	Wellington Laboratories, Lot M8FOSA1215I			(Purchased Reagent)		13C8 FOSA	50 ug/mL
..LCMPFBA_00008	05/24/21	Wellington Laboratories, Lot MPFBA0516			(Purchased Reagent)		13C4 PFBA	50 ug/mL
..LCMPFDA_00011	08/19/20	Wellington Laboratories, Lot MPFDA0815			(Purchased Reagent)		13C2 PFDA	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..LCMPFDoA_00008	04/08/21	Wellington Laboratories, Lot MPFDoA0416			(Purchased Reagent)		13C2 PFDoA	50 ug/mL
..LCMPFHxA_00012	04/08/21	Wellington Laboratories, Lot MPFHxA0416			(Purchased Reagent)		13C2 PFHxA	50 ug/mL
..LCMPFHxS_00008	10/23/20	Wellington Laboratories, Lot MPFHxS1015			(Purchased Reagent)		18O2 PFHxS	47.3 ug/mL
..LCMPFNA_00008	04/13/19	Wellington Laboratories, Lot MPFNA0414			(Purchased Reagent)		13C5 PFNA	50 ug/mL
..LCMPFOA_00012	01/22/21	Wellington Laboratories, Lot MPFOA0116			(Purchased Reagent)		13C4 PFOA	50 ug/mL
..LCMPFOS_00018	08/03/21	Wellington Laboratories, Lot MPFOS0816			(Purchased Reagent)		13C4 PFOS	47.8 ug/mL
..LCMPFUdA_00009	02/12/21	Wellington Laboratories, Lot MPFUdA0216			(Purchased Reagent)		13C2 PFUnA	50 ug/mL
.LCPFC2SP_00030	10/14/17	04/14/17	Methanol, Lot 104453	10000 uL	LC4:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	0.934 ug/mL
					LC6:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	0.948 ug/mL
					LC8:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	0.958 ug/mL
					LCN-EtFOSA-M_00003	200 uL	N-ethylperfluoro-1-octanesulfonamide	1 ug/mL
					LCN-EtFOSAA_00002	200 uL	N-ethyl perfluorooctane sulfonamidoacetic acid	1 ug/mL
					LCN-MeFOSA-M_00002	200 uL	MeFOSA	1 ug/mL
					LCN-MeFOSAA_00003	200 uL	N-methyl perfluorooctane sulfonamidoacetic acid	1 ug/mL
..LC4:2FTS_00002	12/12/21	WELLINGTON, Lot 42FTS1216			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	46.7 ug/mL
..LC6:2FTS_00002	06/25/21	WELLINGTON, Lot 62FTS0616			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	47.4 ug/mL
..LC8:2FTS_00002	10/23/20	WELLINGTON, Lot 82FTS1015			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	47.9 ug/mL
..LCN-EtFOSA-M_00003	05/24/21	WELLINGTON, Lot NEtFOSA0516M			(Purchased Reagent)		N-ethylperfluoro-1-octanesulfonamide	50 ug/mL
..LCN-EtFOSAA_00002	01/20/21	WELLINGTON, Lot NEtFOSAA0116			(Purchased Reagent)		N-ethyl perfluorooctane sulfonamidoacetic acid	50 ug/mL
..LCN-MeFOSA-M_00002	05/24/21	WELLINGTON, Lot NMeFOSA0714M			(Purchased Reagent)		MeFOSA	50 ug/mL
..LCN-MeFOSAA_00003	01/20/21	WELLINGTON, Lot NMeFOSAA0116			(Purchased Reagent)		N-methyl perfluorooctane sulfonamidoacetic acid	50 ug/mL
.LCPFCIS_00002	10/17/17	04/17/17	Methanol, Lot 14139	2000 uL	LCM2PFOA_00005	200 uL	13C2-PFOA	5 ug/mL
..LCM2PFOA_00005	06/19/18	Wellington Laboratories, Lot M2PFOA0613			(Purchased Reagent)		13C2-PFOA	50 ug/mL
.LCPFCSP_00086	09/02/17	04/05/17	Methanol, Lot 141039	10000 uL	LCPFBA_00005	100 uL	Perfluorobutyric acid	0.5 ug/mL
					LCPFBS_00005	100 uL	Perfluorobutanesulfonic acid (PFBS)	0.442 ug/mL
					LCPFDA_00006	100 uL	Perfluorodecanoic acid	0.5 ug/mL
					LCPFDoA_00006	100 uL	Perfluorododecanoic acid	0.5 ug/mL
					LCPFDS_00006	100 uL	Perfluorodecane Sulfonic acid	0.482 ug/mL
					LCPFHpA_00006	100 uL	Perfluoroheptanoic acid	0.5 ug/mL
					LCPFHpS_00009	100 uL	Perfluoroheptanesulfonic Acid	0.476 ug/mL
					LCPFHxA_00005	100 uL	Perfluorohexanoic acid	0.5 ug/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCPFHxDA_00006	100 uL	Perfluorohexadecanoic acid	0.5 ug/mL
					LCPFHxS-br_00002	100 uL	Perfluorohexanesulfonic acid	0.455 ug/mL
					LCPFNA_00006	100 uL	Perfluorononanoic acid	0.5 ug/mL
					LCPFOA_00007	100 uL	Perfluorooctanoic acid (PFOA)	0.5 ug/mL
					LCPFODA_00006	100 uL	Perfluorooctadecanoic acid	0.5 ug/mL
					LCPFOS-br_00002	100 uL	Perfluorooctanesulfonic acid (PFOS)	0.464 ug/mL
					LCPFOSA_00009	100 uL	Perfluorooctane Sulfonamide	0.5 ug/mL
					LCPFPeA_00006	100 uL	Perfluoropentanoic acid	0.5 ug/mL
					LCPFTeDA_00005	100 uL	Perfluorotetradecanoic acid	0.5 ug/mL
					LCPFTrDA_00005	100 uL	Perfluorotridecanoic acid	0.5 ug/mL
					LCPFUdA_00005	100 uL	Perfluoroundecanoic acid	0.5 ug/mL
..LCPFBA_00005	05/27/21	Wellington Laboratories, Lot PFBA0516			(Purchased Reagent)		Perfluorobutyric acid	50 ug/mL
..LCPFBS_00005	03/15/21	Wellington Laboratories, Lot LPFBS0316			(Purchased Reagent)		Perfluorobutanesulfonic acid (PFBS)	44.2 ug/mL
..LCPFDA_00006	05/31/21	Wellington Laboratories, Lot PFDA0516			(Purchased Reagent)		Perfluorodecanoic acid	50 ug/mL
..LCPFDoA_00006	05/31/21	Wellington Laboratories, Lot PFDoA0516			(Purchased Reagent)		Perfluorododecanoic acid	50 ug/mL
..LCPFDS_00006	05/24/21	Wellington Laboratories, Lot LPFDS0516			(Purchased Reagent)		Perfluorodecane Sulfonic acid	48.2 ug/mL
..LCPFHpA_00006	01/22/21	Wellington Laboratories, Lot PFHpA0116			(Purchased Reagent)		Perfluoroheptanoic acid	50 ug/mL
..LCPFHpS_00009	11/06/20	Wellington Laboratories, Lot LPFHpS1115			(Purchased Reagent)		Perfluoroheptanesulfonic Acid	47.6 ug/mL
..LCPFHxA_00005	12/22/20	Wellington Laboratories, Lot PFHxA1215			(Purchased Reagent)		Perfluorohexanoic acid	50 ug/mL
..LCPFHxDA_00006	05/25/21	Wellington Laboratories, Lot PFHxDA0516			(Purchased Reagent)		Perfluorohexadecanoic acid	50 ug/mL
..LCPFHxS-br_00002	07/03/20	Wellington Laboratories, Lot brPFHxSK0615			(Purchased Reagent)		Perfluorohexanesulfonic acid	45.5 ug/mL
..LCPFNA_00006	10/23/20	Wellington Laboratories, Lot PFNA1015			(Purchased Reagent)		Perfluorononanoic acid	50 ug/mL
..LCPFOA_00007	08/02/21	Wellington Laboratories, Lot PFOA0716			(Purchased Reagent)		Perfluorooctanoic acid (PFOA)	50 ug/mL
..LCPFODA_00006	04/29/21	Wellington Laboratories, Lot PFODA0416			(Purchased Reagent)		Perfluorooctadecanoic acid	50 ug/mL
..LCPFOS-br_00002	10/14/20	Wellington Laboratories, Lot brPFOSK1015			(Purchased Reagent)		Perfluorooctanesulfonic acid (PFOS)	46.4 ug/mL
..LCPFOSA_00009	09/02/17	Wellington Laboratories, Lot FOSA0815I			(Purchased Reagent)		Perfluorooctane Sulfonamide	50 ug/mL
..LCPFPeA_00006	05/31/21	Wellington Laboratories, Lot PFPeA0516			(Purchased Reagent)		Perfluoropentanoic acid	50 ug/mL
..LCPFTeDA_00005	12/09/20	Wellington Laboratories, Lot PFTeDA1215			(Purchased Reagent)		Perfluorotetradecanoic acid	50 ug/mL
..LCPFTrDA_00005	02/12/21	Wellington Laboratories, Lot PFTrDA0216			(Purchased Reagent)		Perfluorotridecanoic acid	50 ug/mL
..LCPFUdA_00005	08/19/20	Wellington Laboratories, Lot PFUdA0815			(Purchased Reagent)		Perfluoroundecanoic acid	50 ug/mL
LCPFC_FULL-L7_00001	08/13/17	04/16/17	MeOH/H2O, Lot 090285	5050 uL	LCMPFC2SU_00014	250 uL	d-N-EtFOSA-M	49.505 ng/mL
							d-N-MeFOSA-M	49.505 ng/mL
							d3-NMeFOSAA	49.505 ng/mL
							d5-NEtFOSAA	49.505 ng/mL
							M2-6:2FTS	47.0297 ng/mL
							M2-8:2FTS	47.4257 ng/mL
					LCMPFCSU_00057	250 uL	13C2-PFHxDA	49.505 ng/mL
							13C2-PFTeDA	49.505 ng/mL
							13C4-PFHpA	49.505 ng/mL
							13C5-PFPeA	49.505 ng/mL
							13C8 FOSA	49.505 ng/mL
							13C4 PFBA	49.505 ng/mL
							13C2 PFDA	49.505 ng/mL
							13C2 PFDoA	49.505 ng/mL
							13C2 PFHxA	49.505 ng/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							18O2 PFHxS	46.8317 ng/mL
							13C5 PFNA	49.505 ng/mL
							13C4 PFOA	49.505 ng/mL
							13C4 PFOS	47.3267 ng/mL
							13C2 PFUnA	49.505 ng/mL
					LCPFC2SP_00030	1000 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	184.95 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	187.723 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	189.703 ng/mL
							N-ethylperfluoro-1-octanesulfo namide	198.02 ng/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	198.02 ng/mL
							MeFOSA	198.02 ng/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	198.02 ng/mL
					LCPFCIS_00002	50 uL	13C2-PFOA	49.505 ng/mL
					LCPFCSP_00086	2000 uL	Perfluorobutyric acid	198.02 ng/mL
							Perfluorobutanesulfonic acid (PFBS)	175.05 ng/mL
							Perfluorodecanoic acid	198.02 ng/mL
							Perfluorododecanoic acid	198.02 ng/mL
							Perfluorodecane Sulfonic acid	190.891 ng/mL
							Perfluoroheptanoic acid	198.02 ng/mL
							Perfluoroheptanesulfonic Acid	188.515 ng/mL
							Perfluorohexanoic acid	198.02 ng/mL
							Perfluorohexadecanoic acid	198.02 ng/mL
							Perfluorohexanesulfonic acid	180.198 ng/mL
							Perfluorononanoic acid	198.02 ng/mL
							Perfluorooctanoic acid (PFOA)	198.02 ng/mL
							Perfluorooctadecanoic acid	198.02 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	183.762 ng/mL
							Perfluorooctane Sulfonamide	198.02 ng/mL
							Perfluoropentanoic acid	198.02 ng/mL
							Perfluorotetradecanoic acid	198.02 ng/mL
							Perfluorotridecanoic acid	198.02 ng/mL
							Perfluoroundecanoic acid	198.02 ng/mL
.LCMPFC2SU_00014	08/13/17	02/13/17	Methanol, Lot 104453	50000 uL	LCd-NEtFOSA-M_00004	1000 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00003	1000 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00003	1000 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00003	1000 uL	d5-NEtFOSAA	1 ug/mL
					LCM2-6:FTS_00003	1000 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00003	1000 uL	M2-8:2FTS	0.958 ug/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..LCd-NEtFOSA-M_00004	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00003	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00003	05/31/21	WELLINGTON, Lot d3NMeFOSAA0516			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00003	08/02/21	WELLINGTON, Lot d5NEtFOSAA0716			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00003	01/08/21	WELLINGTON, Lot M262FTS0116			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00003	01/08/21	WELLINGTON, Lot M282FTS0116			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00057	10/04/17	04/04/17	Methanol, Lot Baker 141039	50000 uL	LCM2PFHxDA_00008	1000 uL	13C2-PFHxDA	1 ug/mL
					LCM2PFTeDA_00007	1000 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00007	1000 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00008	1000 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00011	1000 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00008	1000 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00011	1000 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00008	1000 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00012	1000 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00008	1000 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00008	1000 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00012	1000 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00018	1000 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00009	1000 uL	13C2 PFUnA	1 ug/mL
..LCM2PFHxDA_00008	01/07/21	Wellington Laboratories, Lot M2PFHxDA1112			(Purchased Reagent)		13C2-PFHxDA	50 ug/mL
..LCM2PFTeDA_00007	12/07/20	Wellington Laboratories, Lot M2PFTeDA1115			(Purchased Reagent)		13C2-PFTeDA	50 ug/mL
..LCM4PFHPA_00007	05/27/21	Wellington Laboratories, Lot M4PFHpA0516			(Purchased Reagent)		13C4-PFHpA	50 ug/mL
..LCM5PFPEA_00008	05/22/20	Wellington Laboratories, Lot M5PFPeA0515			(Purchased Reagent)		13C5-PFPeA	50 ug/mL
..LCM8FOSA_00011	12/22/17	Wellington Laboratories, Lot M8FOSA1215I			(Purchased Reagent)		13C8 FOSA	50 ug/mL
..LCMPFBA_00008	05/24/21	Wellington Laboratories, Lot MPFBA0516			(Purchased Reagent)		13C4 PFBA	50 ug/mL
..LCMPFDA_00011	08/19/20	Wellington Laboratories, Lot MPFDA0815			(Purchased Reagent)		13C2 PFDA	50 ug/mL
..LCMPFDoA_00008	04/08/21	Wellington Laboratories, Lot MPFDoA0416			(Purchased Reagent)		13C2 PFDoA	50 ug/mL
..LCMPFHxA_00012	04/08/21	Wellington Laboratories, Lot MPFHxA0416			(Purchased Reagent)		13C2 PFHxA	50 ug/mL
..LCMPFHxS_00008	10/23/20	Wellington Laboratories, Lot MPFHxS1015			(Purchased Reagent)		18O2 PFHxS	47.3 ug/mL
..LCMPFNA_00008	04/13/19	Wellington Laboratories, Lot MPFNA0414			(Purchased Reagent)		13C5 PFNA	50 ug/mL
..LCMPFOA_00012	01/22/21	Wellington Laboratories, Lot MPFOA0116			(Purchased Reagent)		13C4 PFOA	50 ug/mL
..LCMPFOS_00018	08/03/21	Wellington Laboratories, Lot MPFOS0816			(Purchased Reagent)		13C4 PFOS	47.8 ug/mL
..LCMPFUdA_00009	02/12/21	Wellington Laboratories, Lot MPFUdA0216			(Purchased Reagent)		13C2 PFUnA	50 ug/mL
.LCPFC2SP_00030	10/14/17	04/14/17	Methanol, Lot 104453	10000 uL	LC4:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	0.934 ug/mL
					LC6:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	0.948 ug/mL
					LC8:2FTS_00002	200 uL	Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	0.958 ug/mL
					LCN-EtFOSA-M_00003	200 uL	N-ethylperfluoro-1-octanesulfonamide	1 ug/mL
					LCN-EtFOSAA_00002	200 uL	N-ethyl perfluorooctane sulfonamidoacetic acid	1 ug/mL
					LCN-MeFOSA-M_00002	200 uL	MeFOSA	1 ug/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCN-MeFOSAA_00003	200 uL	N-methyl perfluorooctane sulfonamidoacetic acid	1 ug/mL
..LC4:2FTS_00002	12/12/21	WELLINGTON, Lot 42FTS1216			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	46.7 ug/mL
..LC6:2FTS_00002	06/25/21	WELLINGTON, Lot 62FTS0616			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	47.4 ug/mL
..LC8:2FTS_00002	10/23/20	WELLINGTON, Lot 82FTS1015			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (8:2)	47.9 ug/mL
..LCN-EtFOSA-M_00003	05/24/21	WELLINGTON, Lot NEtFOSA0516M			(Purchased Reagent)		N-ethylperfluoro-1-octanesulfo namide	50 ug/mL
..LCN-EtFOSAA_00002	01/20/21	WELLINGTON, Lot NEtFOSAA0116			(Purchased Reagent)		N-ethyl perfluorooctane sulfonamidoacetic acid	50 ug/mL
..LCN-MeFOSA-M_00002	05/24/21	WELLINGTON, Lot NMeFOSA0714M			(Purchased Reagent)		MeFOSA	50 ug/mL
..LCN-MeFOSAA_00003	01/20/21	WELLINGTON, Lot NMeFOSAA0116			(Purchased Reagent)		N-methyl perfluorooctane sulfonamidoacetic acid	50 ug/mL
.LCPFCIS_00002	10/17/17	04/17/17	Methanol, Lot 14139	2000 uL	LCM2PFOA_00005	200 uL	13C2-PFOA	5 ug/mL
..LCM2PFOA_00005	06/19/18	Wellington Laboratories, Lot M2PFOA0613			(Purchased Reagent)		13C2-PFOA	50 ug/mL
.LCPFCSP_00086	09/02/17	04/05/17	Methanol, Lot 141039	10000 uL	LCPFBA_00005	100 uL	Perfluorobutyric acid	0.5 ug/mL
					LCPFBS_00005	100 uL	Perfluorobutanesulfonic acid (PFBS)	0.442 ug/mL
					LCPFDA_00006	100 uL	Perfluorodecanoic acid	0.5 ug/mL
					LCPFDoA_00006	100 uL	Perfluorododecanoic acid	0.5 ug/mL
					LCPFDS_00006	100 uL	Perfluorodecane Sulfonic acid	0.482 ug/mL
					LCPFHpA_00006	100 uL	Perfluoroheptanoic acid	0.5 ug/mL
					LCPFHpS_00009	100 uL	Perfluoroheptanesulfonic Acid	0.476 ug/mL
					LCPFHxA_00005	100 uL	Perfluorohexanoic acid	0.5 ug/mL
					LCPFHxDA_00006	100 uL	Perfluorohexadecanoic acid	0.5 ug/mL
					LCPFHxS-br_00002	100 uL	Perfluorohexanesulfonic acid	0.455 ug/mL
					LCPFNA_00006	100 uL	Perfluorononanoic acid	0.5 ug/mL
					LCPFOA_00007	100 uL	Perfluorooctanoic acid (PFOA)	0.5 ug/mL
					LCPFODA_00006	100 uL	Perfluorooctadecanoic acid	0.5 ug/mL
					LCPFOS-br_00002	100 uL	Perfluorooctanesulfonic acid (PFOS)	0.464 ug/mL
					LCPFOSA_00009	100 uL	Perfluorooctane Sulfonamide	0.5 ug/mL
					LCPFPeA_00006	100 uL	Perfluoropentanoic acid	0.5 ug/mL
					LCPFTeDA_00005	100 uL	Perfluorotetradecanoic acid	0.5 ug/mL
					LCPFTrDA_00005	100 uL	Perfluorotridecanoic acid	0.5 ug/mL
					LCPFUdA_00005	100 uL	Perfluoroundecanoic acid	0.5 ug/mL
..LCPFBA_00005	05/27/21	Wellington Laboratories, Lot PFBA0516			(Purchased Reagent)		Perfluorobutyric acid	50 ug/mL
..LCPFBS_00005	03/15/21	Wellington Laboratories, Lot LPFBS0316			(Purchased Reagent)		Perfluorobutanesulfonic acid (PFBS)	44.2 ug/mL
..LCPFDA_00006	05/31/21	Wellington Laboratories, Lot PFDA0516			(Purchased Reagent)		Perfluorodecanoic acid	50 ug/mL
..LCPFDoA_00006	05/31/21	Wellington Laboratories, Lot PFDoA0516			(Purchased Reagent)		Perfluorododecanoic acid	50 ug/mL
..LCPFDS_00006	05/24/21	Wellington Laboratories, Lot LPFDS0516			(Purchased Reagent)		Perfluorodecane Sulfonic acid	48.2 ug/mL
..LCPFHpA_00006	01/22/21	Wellington Laboratories, Lot PFHpA0116			(Purchased Reagent)		Perfluoroheptanoic acid	50 ug/mL
..LCPFHpS_00009	11/06/20	Wellington Laboratories, Lot LPFHpS1115			(Purchased Reagent)		Perfluoroheptanesulfonic Acid	47.6 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..LCPFHxA_00005	12/22/20	Wellington Laboratories, Lot PFHxA1215			(Purchased Reagent)		Perfluorohexanoic acid	50 ug/mL
..LCPFHxDA_00006	05/25/21	Wellington Laboratories, Lot PFHxDA0516			(Purchased Reagent)		Perfluorohexadecanoic acid	50 ug/mL
..LCPFHxS-br_00002	07/03/20	Wellington Laboratories, Lot brPFHxSK0615			(Purchased Reagent)		Perfluorohexanesulfonic acid	45.5 ug/mL
..LCPFNA_00006	10/23/20	Wellington Laboratories, Lot PFNA1015			(Purchased Reagent)		Perfluorononanoic acid	50 ug/mL
..LCPFOA_00007	08/02/21	Wellington Laboratories, Lot PFOA0716			(Purchased Reagent)		Perfluorooctanoic acid (PFOA)	50 ug/mL
..LCPFODA_00006	04/29/21	Wellington Laboratories, Lot PFODA0416			(Purchased Reagent)		Perfluorooctadecanoic acid	50 ug/mL
..LCPFOS-br_00002	10/14/20	Wellington Laboratories, Lot brPFOSK1015			(Purchased Reagent)		Perfluorooctanesulfonic acid (PFOS)	46.4 ug/mL
..LCPFOSA_00009	09/02/17	Wellington Laboratories, Lot FOSA0815I			(Purchased Reagent)		Perfluorooctane Sulfonamide	50 ug/mL
..LCPFPeA_00006	05/31/21	Wellington Laboratories, Lot PFPeA0516			(Purchased Reagent)		Perfluoropentanoic acid	50 ug/mL
..LCPFTeDA_00005	12/09/20	Wellington Laboratories, Lot PFTeDA1215			(Purchased Reagent)		Perfluorotetradecanoic acid	50 ug/mL
..LCPFTrDA_00005	02/12/21	Wellington Laboratories, Lot PFTrDA0216			(Purchased Reagent)		Perfluorotridecanoic acid	50 ug/mL
..LCPFUdA_00005	08/19/20	Wellington Laboratories, Lot PFUdA0815			(Purchased Reagent)		Perfluoroundecanoic acid	50 ug/mL
LCPFCIC_FULL_00002	06/01/17	04/17/17	MeOH/H2O, Lot 09285	5050 uL	LCMPFC2SU_00014	250 uL	d-N-EtFOSA-M	49.505 ng/mL
							d-N-MeFOSA-M	49.505 ng/mL
							d3-NMeFOSAA	49.505 ng/mL
							d5-NEtFOSAA	49.505 ng/mL
							M2-6:2FTS	47.0297 ng/mL
							M2-8:2FTS	47.4257 ng/mL
					LCMPFCSU_00057	250 uL	13C2-PFHxDA	49.505 ng/mL
							13C2-PFTeDA	49.505 ng/mL
							13C4-PFHpA	49.505 ng/mL
							13C5-PFPeA	49.505 ng/mL
							13C8 FOSA	49.505 ng/mL
							13C4 PFBA	49.505 ng/mL
							13C2 PFDA	49.505 ng/mL
							13C2 PFDoA	49.505 ng/mL
							13C2 PFHxA	49.505 ng/mL
							18O2 PFHxS	46.8317 ng/mL
							13C5 PFNA	49.505 ng/mL
							13C4 PFOA	49.505 ng/mL
							13C4 PFOS	47.3267 ng/mL
							13C2 PFUnA	49.505 ng/mL
					LCPFACMXB_00007	125 uL	Perfluorobutanesulfonic acid (PFBS)	43.8119 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	47.2772 ng/mL
							Perfluorooctanoic acid (PFOA)	49.505 ng/mL
.LCMPFC2SU_00014	08/13/17	02/13/17	Methanol, Lot 104453	50000 uL	LCd-NEtFOSA-M_00004	1000 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00003	1000 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00003	1000 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00003	1000 uL	d5-NEtFOSAA	1 ug/mL
					LCM2-6:FTS_00003	1000 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00003	1000 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00004	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00003	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00003	05/31/21	WELLINGTON, Lot d3NMeFOSAA0516			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00003	08/02/21	WELLINGTON, Lot d5NEtFOSAA0716			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..LCM2-6:FTS_00003	01/08/21	WELLINGTON, Lot M262FTS0116			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00003	01/08/21	WELLINGTON, Lot M282FTS0116			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00057	10/04/17	04/04/17	Methanol, Lot Baker 141039	50000 uL	LCM2PFHxDA_00008	1000 uL	13C2-PFHxDA	1 ug/mL
					LCM2PFTeDA_00007	1000 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00007	1000 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00008	1000 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00011	1000 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00008	1000 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00011	1000 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00008	1000 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00012	1000 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00008	1000 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00008	1000 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00012	1000 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00018	1000 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00009	1000 uL	13C2 PFUnA	1 ug/mL
..LCM2PFHxDA_00008	01/07/21	Wellington Laboratories, Lot M2PFHxDA1112			(Purchased Reagent)		13C2-PFHxDA	50 ug/mL
..LCM2PFTeDA_00007	12/07/20	Wellington Laboratories, Lot M2PFTeDA1115			(Purchased Reagent)		13C2-PFTeDA	50 ug/mL
..LCM4PFHPA_00007	05/27/21	Wellington Laboratories, Lot M4PFHpA0516			(Purchased Reagent)		13C4-PFHpA	50 ug/mL
..LCM5PFPEA_00008	05/22/20	Wellington Laboratories, Lot M5PFPeA0515			(Purchased Reagent)		13C5-PFPeA	50 ug/mL
..LCM8FOSA_00011	12/22/17	Wellington Laboratories, Lot M8FOSA1215I			(Purchased Reagent)		13C8 FOSA	50 ug/mL
..LCMPFBA_00008	05/24/21	Wellington Laboratories, Lot MPFBA0516			(Purchased Reagent)		13C4 PFBA	50 ug/mL
..LCMPFDA_00011	08/19/20	Wellington Laboratories, Lot MPFDA0815			(Purchased Reagent)		13C2 PFDA	50 ug/mL
..LCMPFDoA_00008	04/08/21	Wellington Laboratories, Lot MPFDoA0416			(Purchased Reagent)		13C2 PFDoA	50 ug/mL
..LCMPFHxA_00012	04/08/21	Wellington Laboratories, Lot MPFHxA0416			(Purchased Reagent)		13C2 PFHxA	50 ug/mL
..LCMPFHxS_00008	10/23/20	Wellington Laboratories, Lot MPFHxS1015			(Purchased Reagent)		18O2 PFHxS	47.3 ug/mL
..LCMPFNA_00008	04/13/19	Wellington Laboratories, Lot MPFNA0414			(Purchased Reagent)		13C5 PFNA	50 ug/mL
..LCMPFOA_00012	01/22/21	Wellington Laboratories, Lot MPFOA0116			(Purchased Reagent)		13C4 PFOA	50 ug/mL
..LCMPFOS_00018	08/03/21	Wellington Laboratories, Lot MPFOS0816			(Purchased Reagent)		13C4 PFOS	47.8 ug/mL
..LCMPFUdA_00009	02/12/21	Wellington Laboratories, Lot MPFUdA0216			(Purchased Reagent)		13C2 PFUnA	50 ug/mL
.LCPFACMXB_00007	11/06/20	Wellington Laboratories, Lot PFACMXB1115			(Purchased Reagent)		Perfluorobutanesulfonic acid (PFBS)	1.77 ug/mL
							Perfluorooctanesulfonic acid (PFOS)	1.91 ug/mL
							Perfluorooctanoic acid (PFOA)	2 ug/mL
LCPFCSP_00092	09/02/17	05/04/17	Methanol, Lot 090285	250 mL	LCPFBA_00005	100 uL	Perfluorobutyric acid	0.02 ug/mL
					LCPFBS_00005	100 uL	Perfluorobutane Sulfonate	0.01768 ug/mL
							Perfluorobutanesulfonic acid (PFBS)	0.01768 ug/mL
					LCPFDA_00006	100 uL	Perfluorodecanoic acid	0.02 ug/mL
					LCPFDoA_00006	100 uL	Perfluorododecanoic acid	0.02 ug/mL
					LCPFDS_00006	100 uL	Perfluorodecane Sulfonate	0.01928 ug/mL
							Perfluorodecane Sulfonic acid	0.01928 ug/mL
					LCPFHpA_00006	100 uL	Perfluoroheptanoic acid	0.02 ug/mL
					LCPFHpS_00009	100 uL	Perfluoroheptane Sulfonate	0.01904 ug/mL
							Perfluoroheptanesulfonic Acid	0.01904 ug/mL
					LCPFHxA_00005	100 uL	Perfluorohexanoic acid	0.02 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCPFHxDA_00006	100 uL	Perfluorohexadecanoic acid	0.02 ug/mL
					LCPFHxS-br_00002	100 uL	Perfluorohexane Sulfonate	0.0182 ug/mL
							Perfluorohexanesulfonic acid	0.0182 ug/mL
					LCPFNA_00006	100 uL	Perfluorononanoic acid	0.02 ug/mL
					LCPFOA_00007	100 uL	Perfluorooctanoic acid (PFOA)	0.02 ug/mL
					LCPFODA_00006	100 uL	Perfluorooctadecanoic acid	0.02 ug/mL
					LCPFOS-br_00002	100 uL	Perfluorooctanesulfonic acid (PFOS)	0.01856 ug/mL
					LCPFOSA_00009	100 uL	Perfluorooctane Sulfonamide	0.02 ug/mL
					LCPFPeA_00006	100 uL	Perfluoropentanoic acid	0.02 ug/mL
					LCPFTeDA_00005	100 uL	Perfluorotetradecanoic acid	0.02 ug/mL
					LCPFTrDA_00005	100 uL	Perfluorotridecanoic acid	0.02 ug/mL
					LCPFUdA_00005	100 uL	Perfluoroundecanoic acid	0.02 ug/mL
.LCPFBA_00005	05/27/21	Wellington Laboratories, Lot PFBA0516			(Purchased Reagent)		Perfluorobutyric acid	50 ug/mL
.LCPFBS_00005	03/15/21	Wellington Laboratories, Lot LPFBS0316			(Purchased Reagent)		Perfluorobutane Sulfonate	44.2 ug/mL
							Perfluorobutanesulfonic acid (PFBS)	44.2 ug/mL
.LCPFDA_00006	05/31/21	Wellington Laboratories, Lot PFDA0516			(Purchased Reagent)		Perfluorodecanoic acid	50 ug/mL
.LCPFDoA_00006	05/31/21	Wellington Laboratories, Lot PFDoA0516			(Purchased Reagent)		Perfluorododecanoic acid	50 ug/mL
.LCPFDS_00006	05/24/21	Wellington Laboratories, Lot LPFDS0516			(Purchased Reagent)		Perfluorodecane Sulfonate	48.2 ug/mL
							Perfluorodecane Sulfonic acid	48.2 ug/mL
.LCPFHpA_00006	01/22/21	Wellington Laboratories, Lot PFHpA0116			(Purchased Reagent)		Perfluoroheptanoic acid	50 ug/mL
.LCPFHpS_00009	11/06/20	Wellington Laboratories, Lot LPFHpS1115			(Purchased Reagent)		Perfluoroheptane Sulfonate	47.6 ug/mL
							Perfluoroheptanesulfonic Acid	47.6 ug/mL
.LCPFHxA_00005	12/22/20	Wellington Laboratories, Lot PFHxA1215			(Purchased Reagent)		Perfluorohexanoic acid	50 ug/mL
.LCPFHxDA_00006	05/25/21	Wellington Laboratories, Lot PFHxDA0516			(Purchased Reagent)		Perfluorohexadecanoic acid	50 ug/mL
.LCPFHxS-br_00002	07/03/20	Wellington Laboratories, Lot brPFHxSK0615			(Purchased Reagent)		Perfluorohexane Sulfonate	45.5 ug/mL
							Perfluorohexanesulfonic acid	45.5 ug/mL
.LCPFNA_00006	10/23/20	Wellington Laboratories, Lot PFNA1015			(Purchased Reagent)		Perfluorononanoic acid	50 ug/mL
.LCPFOA_00007	08/02/21	Wellington Laboratories, Lot PFOA0716			(Purchased Reagent)		Perfluorooctanoic acid (PFOA)	50 ug/mL
.LCPFODA_00006	04/29/21	Wellington Laboratories, Lot PFODA0416			(Purchased Reagent)		Perfluorooctadecanoic acid	50 ug/mL
.LCPFOS-br_00002	10/14/20	Wellington Laboratories, Lot brPFOSK1015			(Purchased Reagent)		Perfluorooctanesulfonic acid (PFOS)	46.4 ug/mL
.LCPFOSA_00009	09/02/17	Wellington Laboratories, Lot FOSA0815I			(Purchased Reagent)		Perfluorooctane Sulfonamide	50 ug/mL
.LCPFPeA_00006	05/31/21	Wellington Laboratories, Lot PFPeA0516			(Purchased Reagent)		Perfluoropentanoic acid	50 ug/mL
.LCPFTeDA_00005	12/09/20	Wellington Laboratories, Lot PFTeDA1215			(Purchased Reagent)		Perfluorotetradecanoic acid	50 ug/mL
.LCPFTrDA_00005	02/12/21	Wellington Laboratories, Lot PFTrDA0216			(Purchased Reagent)		Perfluorotridecanoic acid	50 ug/mL
.LCPFUdA_00005	08/19/20	Wellington Laboratories, Lot PFUdA0815			(Purchased Reagent)		Perfluoroundecanoic acid	50 ug/mL

Reagent

LC4:2FTS_00002

R: 8BC 3/31/17

896827
ID: LC4:2FTS_00002
Exp: 12/12/21 Prpd:
4:2FTS

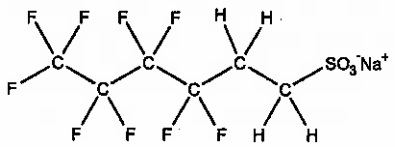
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE: 4:2FTS **LOT NUMBER:** 42FTS1216

COMPOUND: Sodium 1H,1H,2H,2H-perfluorohexane sulfonate

STRUCTURE: **CAS #:** Not available



MOLECULAR FORMULA: $C_6H_4F_9SO_3Na$ **MOLECULAR WEIGHT:** 350.13

CONCENTRATION: 50.0 ± 2.5 µg/ml (Na salt) **SOLVENT(S):** Methanol

46.7 ± 2.3 µg/ml (4:2FTS anion)

CHEMICAL PURITY: >98%

LAST TESTED: (mm/dd/yyyy) 12/12/2016

EXPIRY DATE: (mm/dd/yyyy) 12/12/2021

RECOMMENDED STORAGE: Refrigerate ampoule

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 12/21/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

Where possible, all of our products are synthesized using single-product unambiguous routes. They are then characterized, and their structures and purities confirmed, using a combination of the most relevant techniques, such as NMR, GC/MS, LC/MS/MS, SFC/UV/MS/MS, x-ray crystallography, and melting point. Isotopic purities of mass-labelled compounds are also confirmed using HRGC/HRMS and/or LC/MS/MS.

HOMOGENEITY:

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UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

QUALITY MANAGEMENT:

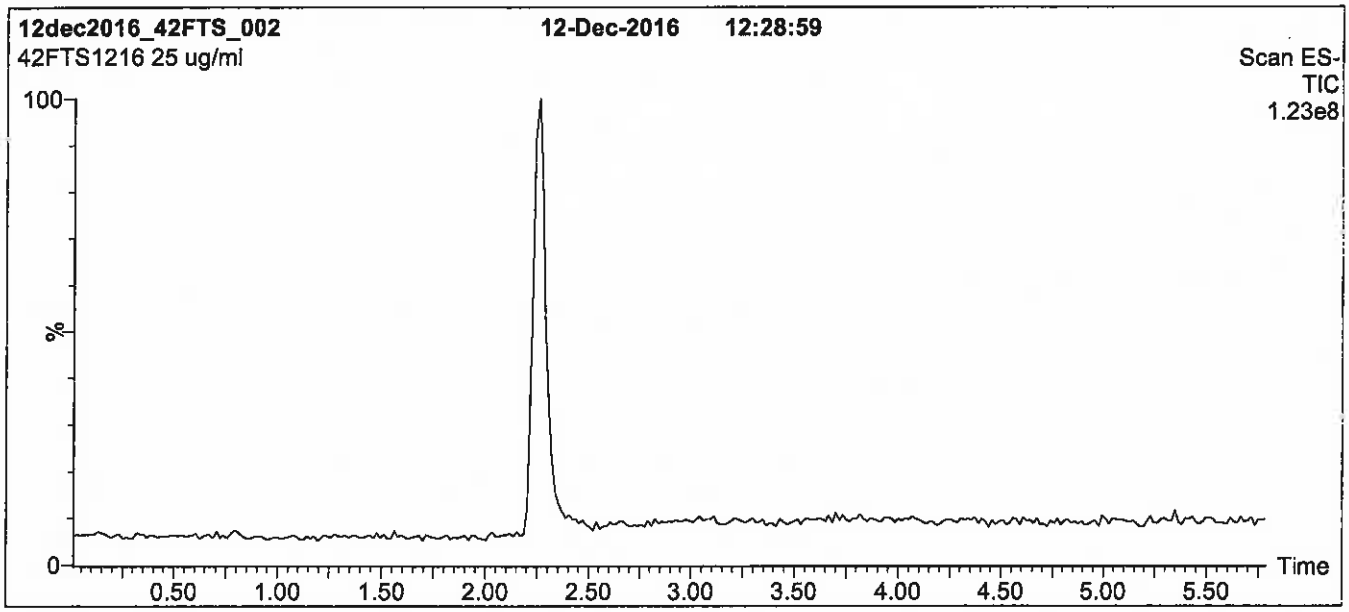
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

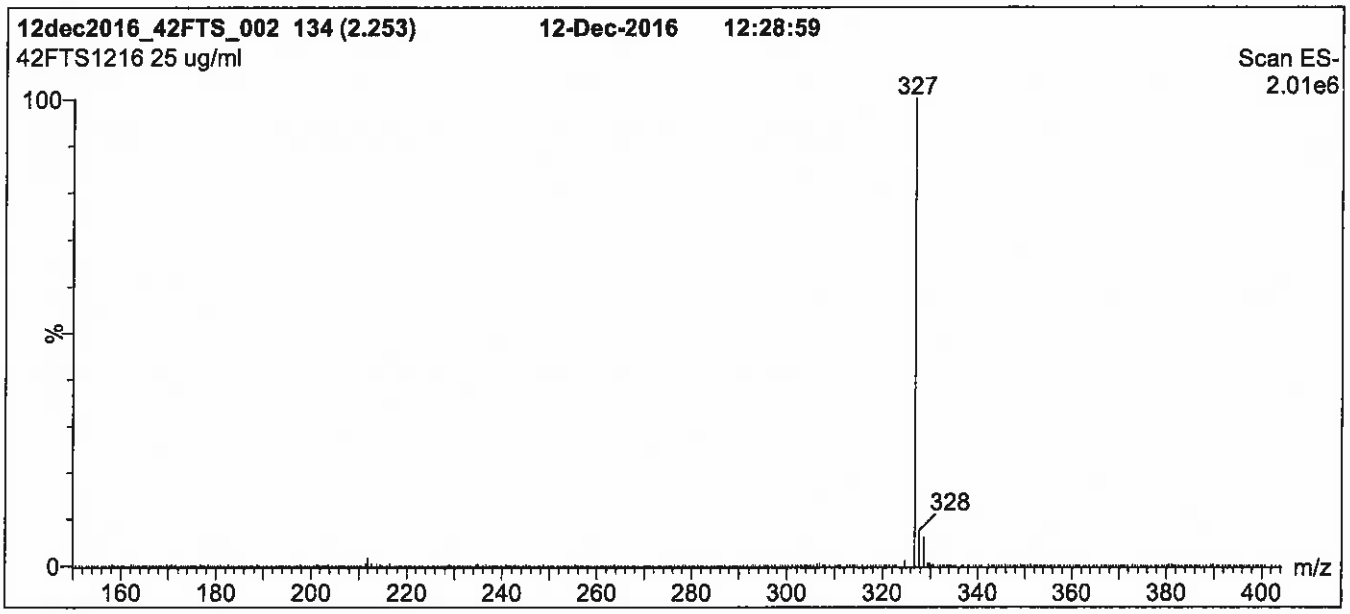
CALA Testing

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER

For additional information or assistance concerning this or any other products from Wellington Laboratories Inc., please visit our website at www.well-labs.com or contact us directly at info@well-labs.com

Figure 1: **4:2FTS; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7.5 min and hold for 1.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min

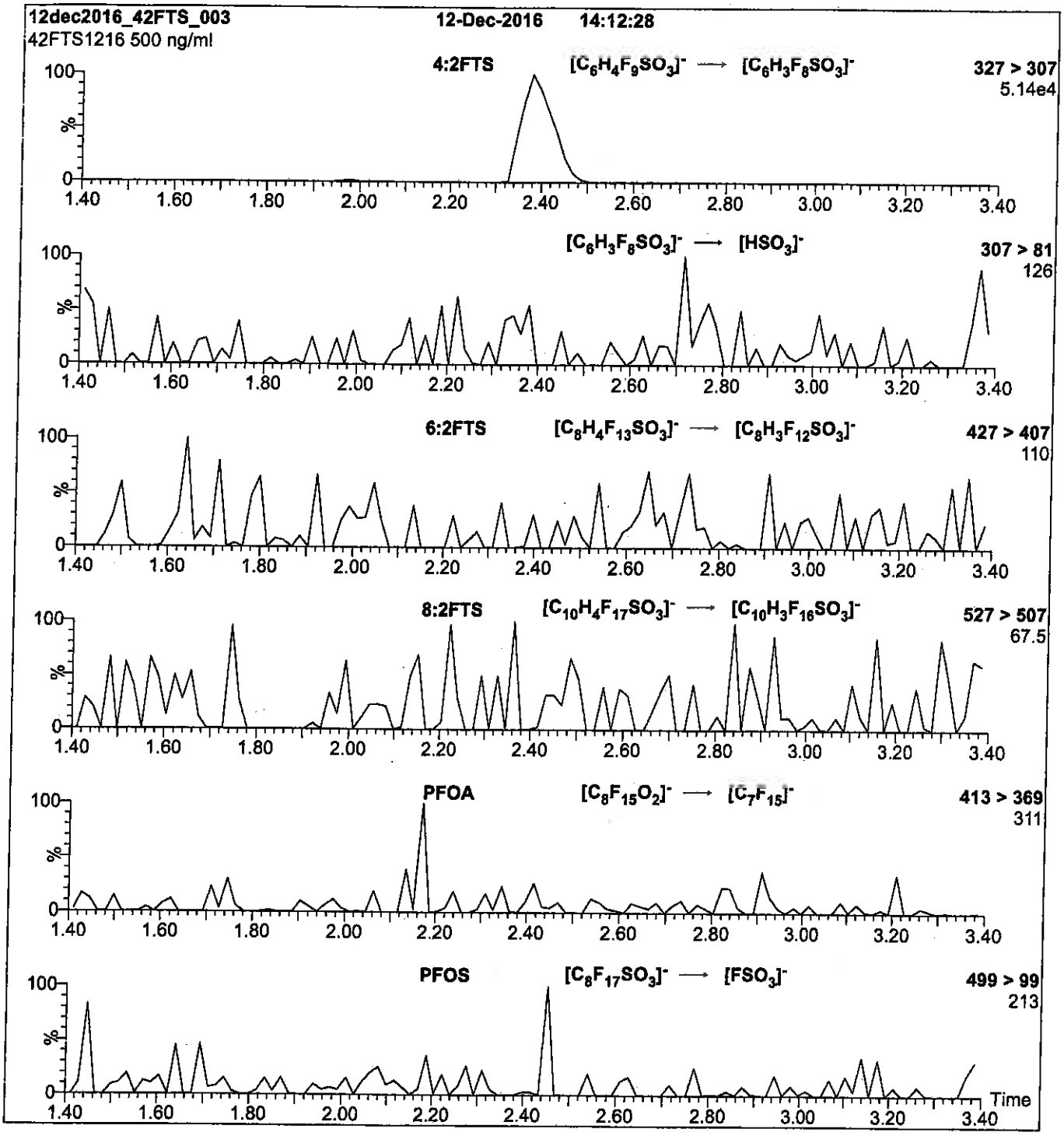
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 25.00
Cone Gas Flow (l/hr) = 100
Desolvation Gas Flow (l/hr) = 750

Figure 2: 4:2FTS; LC/MS/MS Data (Selected MRM Transitions)



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml 4:2FTS)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.31e-3
Collision Energy (eV) = 25

Reagent

LC6:2FTS_00002

R: 8/23/16 SBC

715544
ID: LC6:2FTS_00002
Exp: 06/25/21 Prpd: SBC
6:2FTS

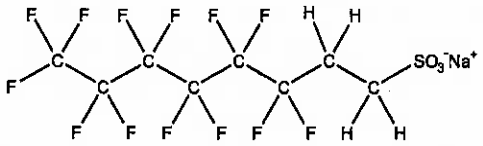
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: 6:2FTS **LOT NUMBER:** 62FTS0616

COMPOUND: Sodium 1H,1H,2H,2H-perfluorooctane sulfonate

STRUCTURE: **CAS #:** Not available



MOLECULAR FORMULA: $C_8H_4F_{13}SO_3Na$ **MOLECULAR WEIGHT:** 450.15

CONCENTRATION: 50.0 ± 2.5 µg/ml (Na salt) **SOLVENT(S):** Methanol

47.4 ± 2.4 µg/ml (6:2FTS anion)

CHEMICAL PURITY: >98%

LAST TESTED: (mm/dd/yyyy) 06/25/2016

EXPIRY DATE: (mm/dd/yyyy) 06/25/2021

RECOMMENDED STORAGE: Refrigerate ampoule

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 06/29/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • Info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

Where possible, all of our products are synthesized using single-product unambiguous routes. They are then characterized, and their structures and purities confirmed, using a combination of the most relevant techniques, such as NMR, GC/MS, LC/MS/MS, SFC/UV/MS/MS, x-ray crystallography, and melting point. Isotopic purities of mass-labelled compounds are also confirmed using HRGC/HRMS and/or LC/MS/MS.

HOMOGENEITY:

Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS, LC/MS/MS and/or SFC/UV/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

QUALITY MANAGEMENT:

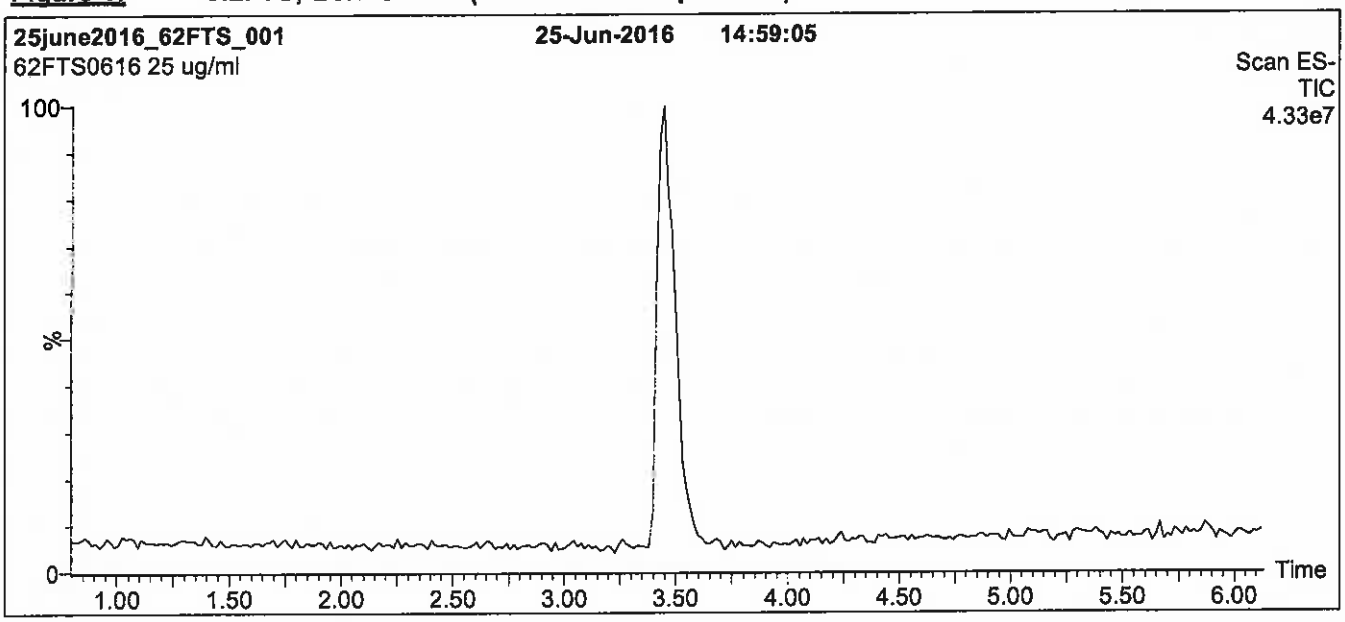
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

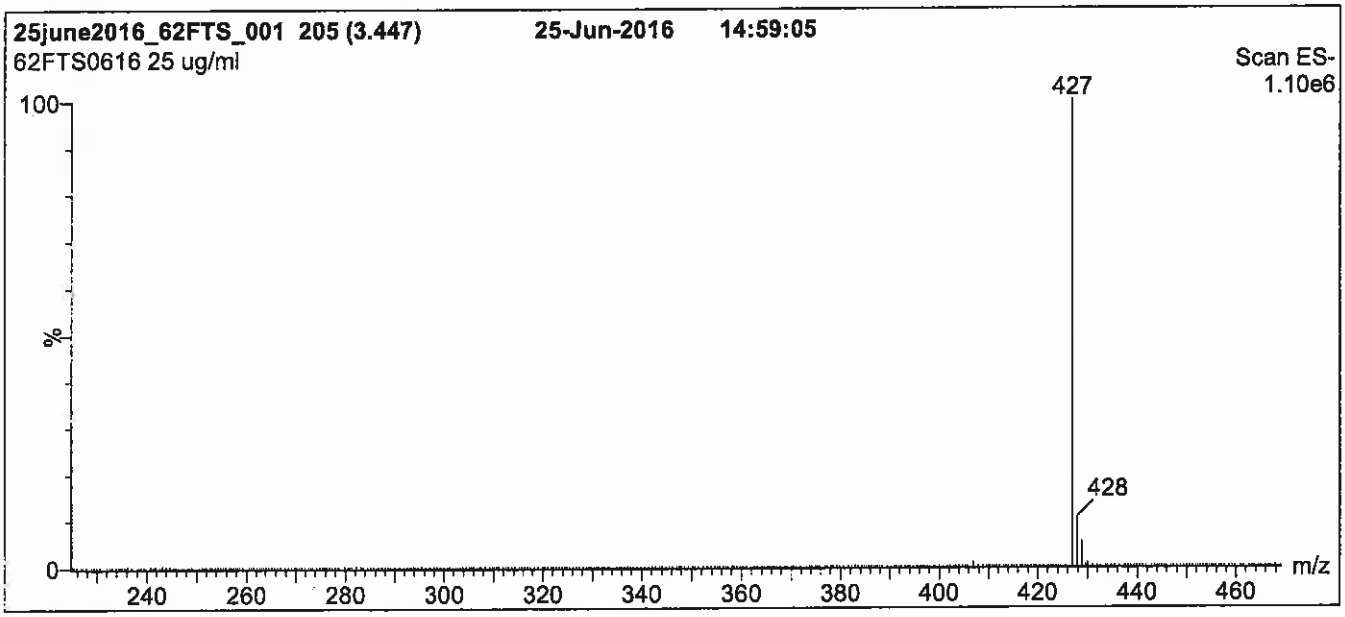
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

For additional information or assistance concerning this or any other products from Wellington Laboratories Inc., please visit our website at www.well-labs.com or contact us directly at info@well-labs.com

Figure 1: **6:2FTS; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min

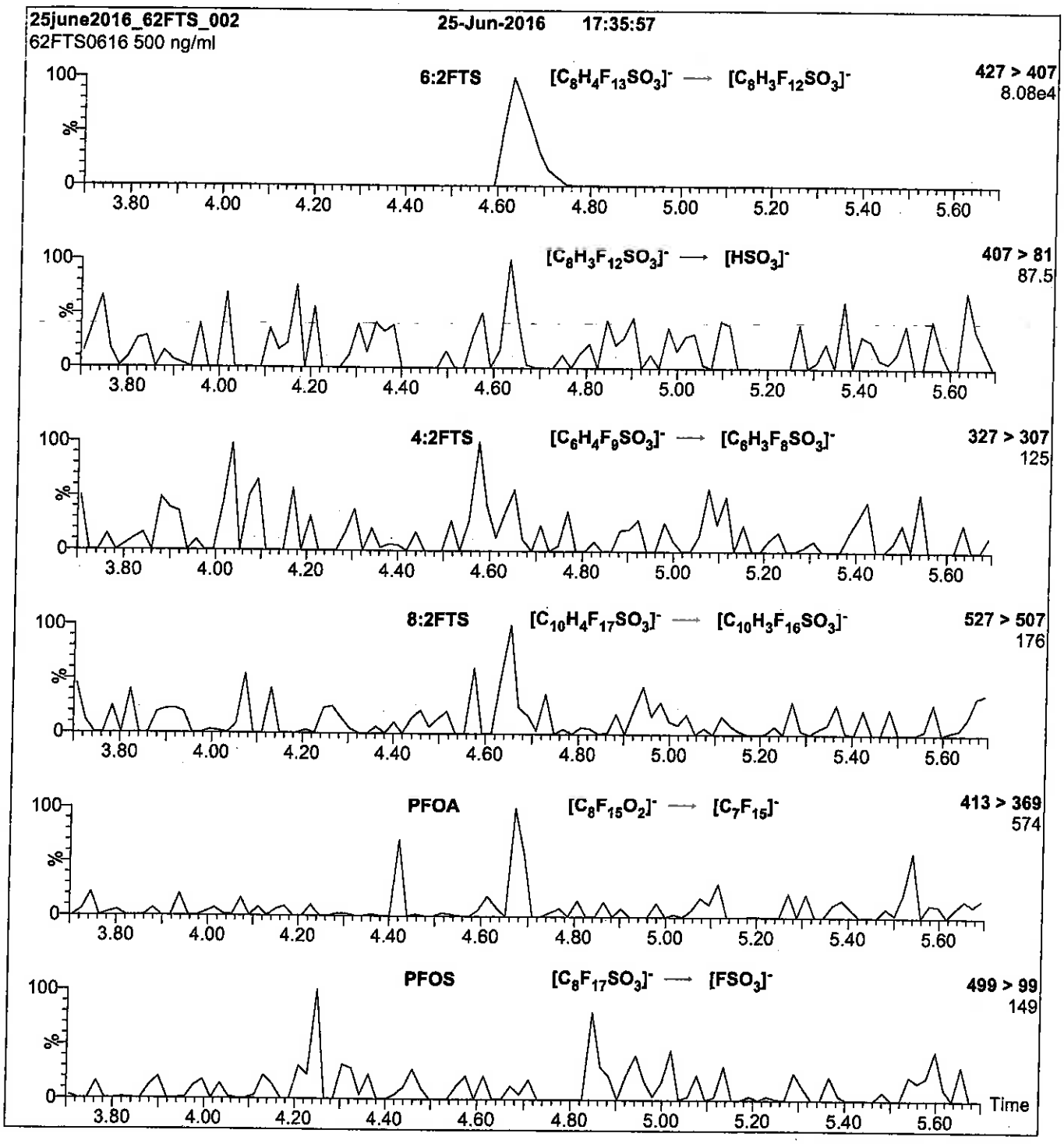
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 30.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **6:2FTS; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml 6:2FTS)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.46e-3
Collision Energy (eV) = 25

Reagent

LC8:2FTS_00002

R: 8/23/16 SBC

715545
ID: LC8:2FTS_00002
Exp: 10/23/20 Prpd: SBC
8:2FTS

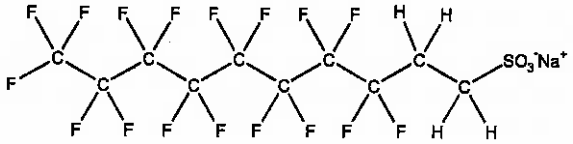
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: 8:2FTS **LOT NUMBER:** 82FTS1015

COMPOUND: Sodium 1H,1H,2H,2H-perfluorodecane sulfonate

STRUCTURE: **CAS #:** Not available



MOLECULAR FORMULA: $C_{10}H_4F_{17}SO_3Na$ **MOLECULAR WEIGHT:** 550.16

CONCENTRATION: 50.0 ± 2.5 µg/ml (Na salt) **SOLVENT(S):** Methanol

47.9 ± 2.4 µg/ml (8:2FTS anion)

CHEMICAL PURITY: >98%

LAST TESTED: (mm/dd/yyyy) 10/23/2015

EXPIRY DATE: (mm/dd/yyyy) 10/23/2020

RECOMMENDED STORAGE: Refrigerate ampoule

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 10/27/2015 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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CALA

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER

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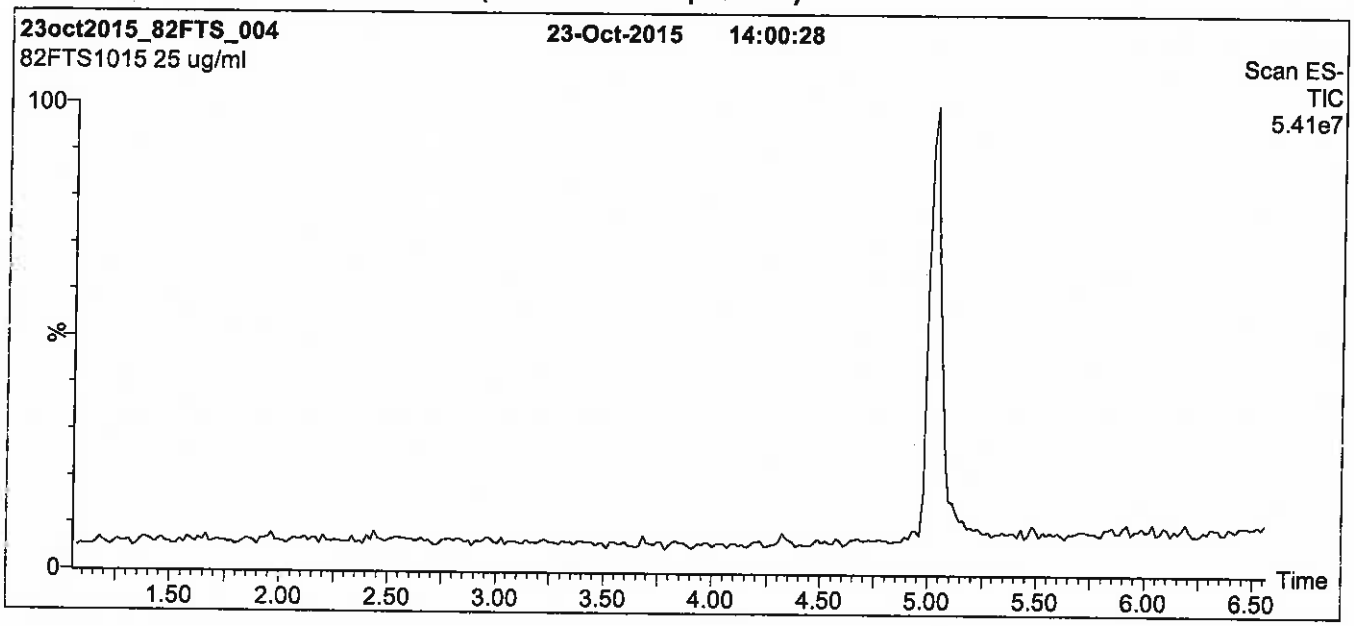
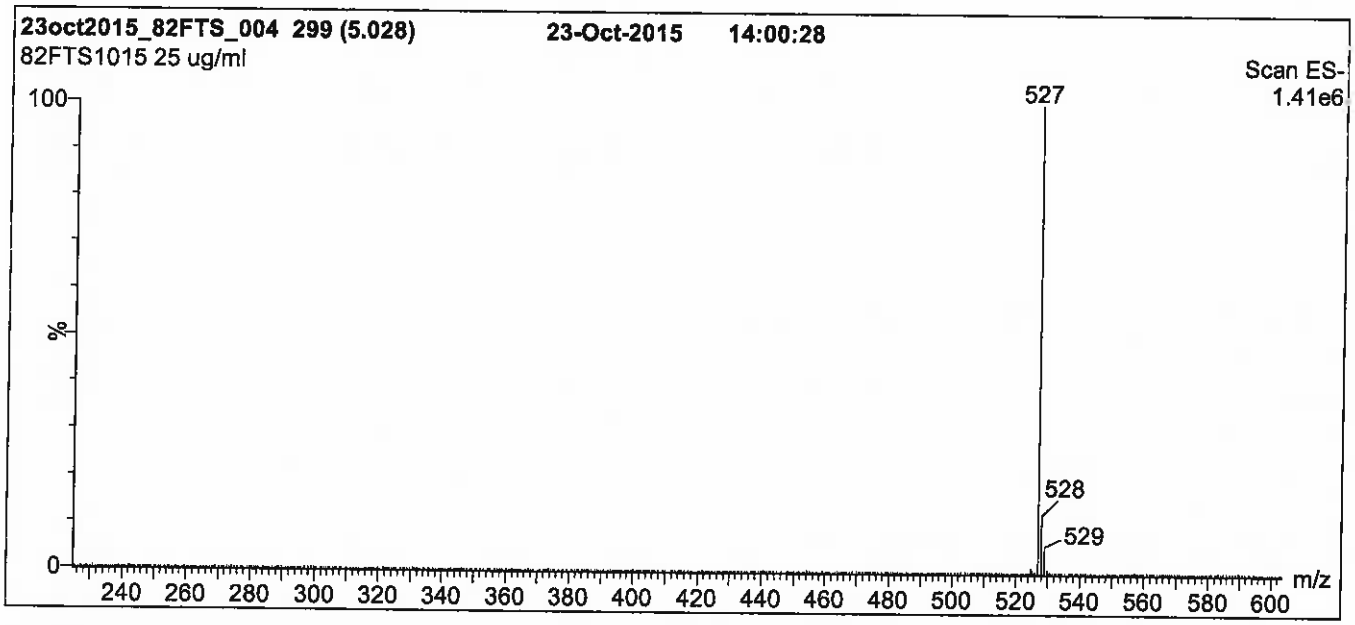
Figure 1: **8:2FTS; LC/MS Data (TIC and Mass Spectrum)**





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1.7 µm, 2.1 x 100 mm

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Start: 50% (80:20 MeOH:ACN) / 50% H_2O
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Ramp to 90% organic over 7 min and hold for 2 min.
Return to initial conditions in 0.5 min.
Time: 10 min

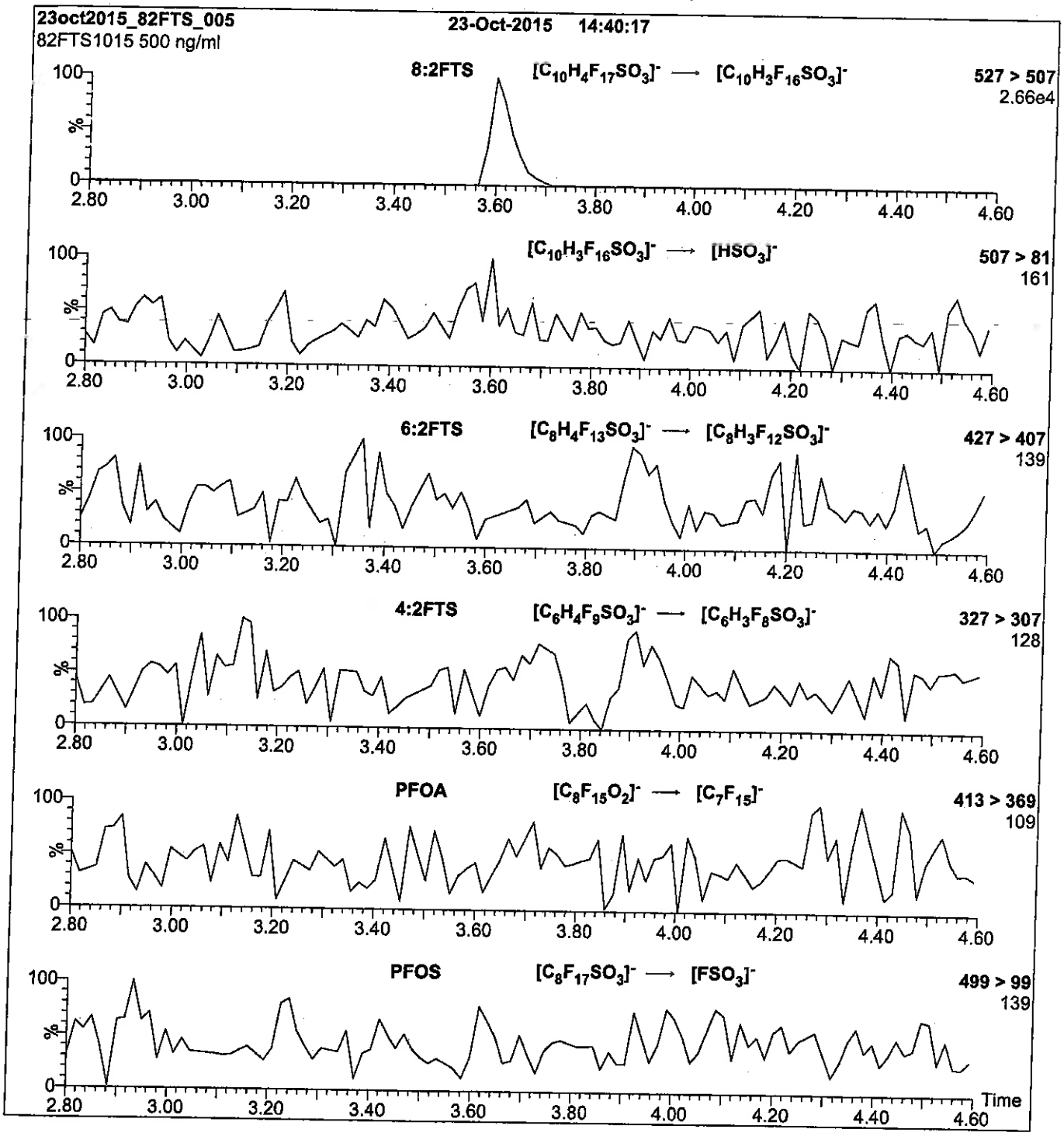
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 30.00
Cone Gas Flow (l/hr) = 100
Desolvation Gas Flow (l/hr) = 750

Figure 2: **8:2FTS; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml 8:2FTS)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.28e-3
Collision Energy (eV) = 30

Reagent

LCd-NMeFOSA-M_00003

R: 9/9/16 SBC

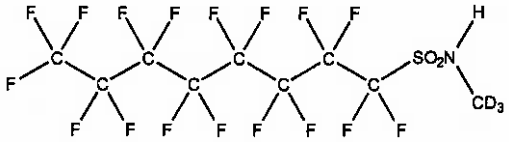
728303
ID: LCd-NMeFOSA-M_00003
Exp: 06/10/21 Prpd: SBC
d-N-MeFOSA-M

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: d-N-MeFOSA-M
LOT NUMBER: dNMeFOSA0616M
COMPOUND: N-methyl-d_3-perfluoro-1-octanesulfonamide

STRUCTURE:
CAS #: Not available



MOLECULAR FORMULA:	$C_9D_3HF_{17}NO_2S$	**MOLECULAR WEIGHT:**	516.19
CONCENTRATION:	50 ± 2.5 µg/ml	**SOLVENT(S):**	Methanol
CHEMICAL PURITY:	>98%	**ISOTOPIC PURITY:**	≥98% $^2H_3$
LAST TESTED: (mm/dd/yyyy)	06/10/2016		
EXPIRY DATE: (mm/dd/yyyy)	06/10/2021		
RECOMMENDED STORAGE:	Store ampoule in a cool, dark place		

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 06/16/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

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HOMOGENEITY:

Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS, LC/MS/MS and/or SFC/UV/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

QUALITY MANAGEMENT:

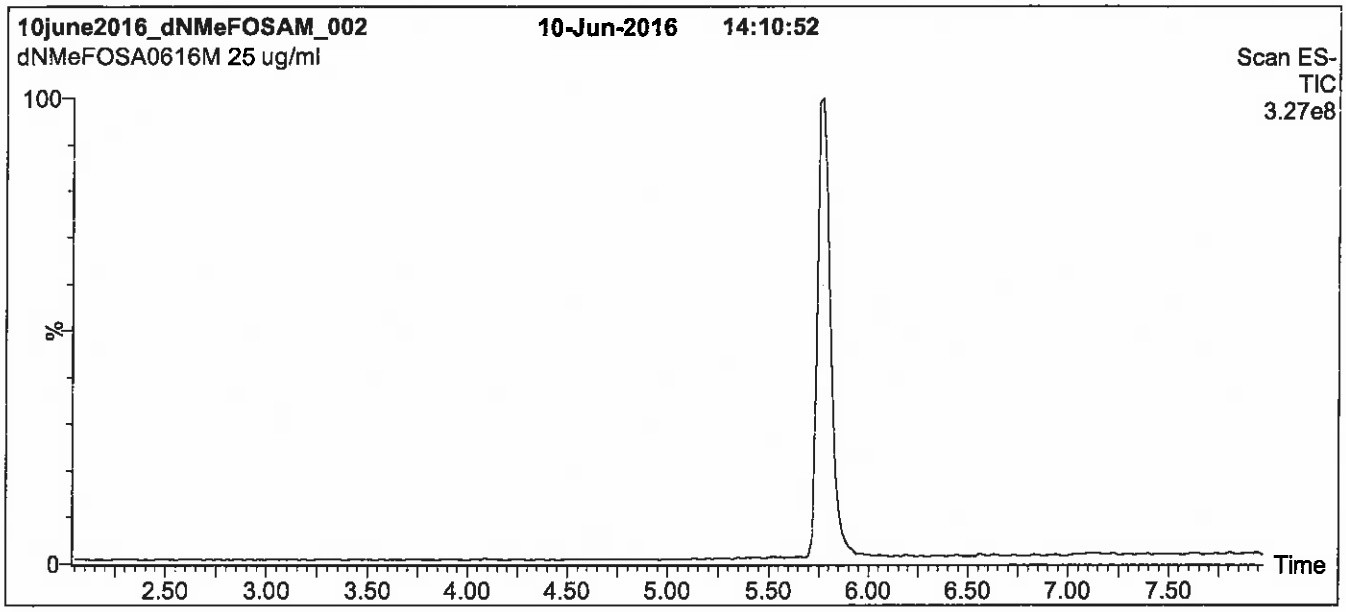
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

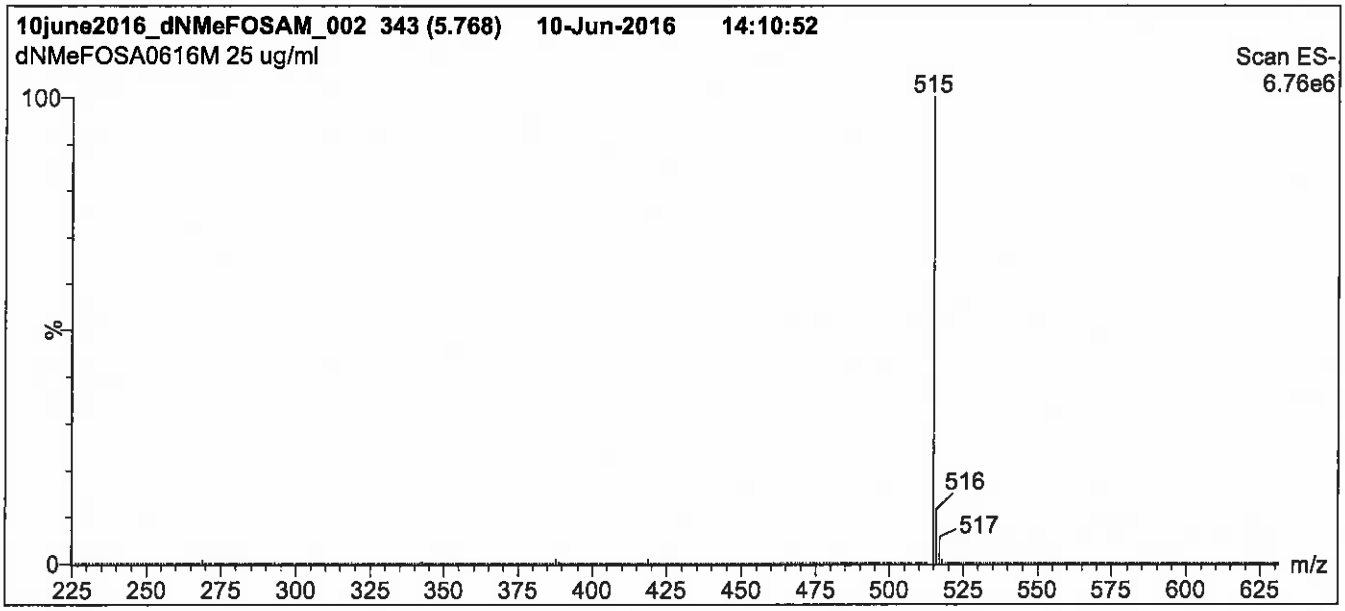
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

For additional information or assistance concerning this or any other products from Wellington Laboratories Inc., please visit our website at www.well-labs.com or contact us directly at info@well-labs.com

Figure 1: d-N-MeFOSA-M; LC/MS Data (TIC and Mass Spectrum)





Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

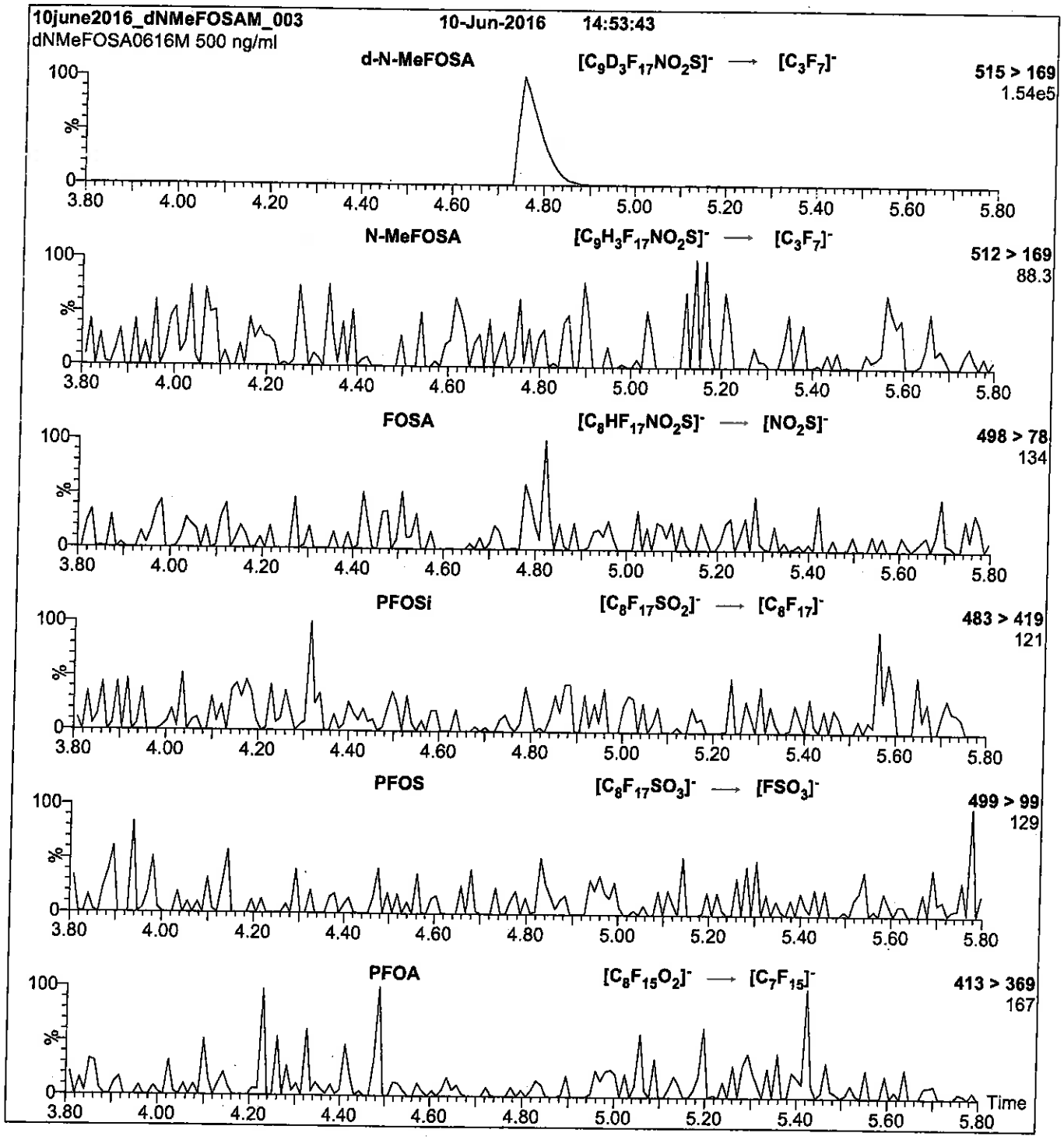
Mobile phase: Gradient
Start: 40% H_2O / 60% (80:20 MeOH:ACN)
(both with 10mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.50
Cone Voltage (V) = 40.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **d-N-MeFOSA-M; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml d-N-MeFOSA-M)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.39e-3 Collision Energy (eV) = 25
Flow:	300 µl/min	

Reagent

LCd3-NMeFOSAA_00003

R: 9/9/16 SBC

728300
ID: LCd3-NMeFOSAA_00003
Exp: 05/31/21 Prpd: SBC
d3-N-MeFOSAA

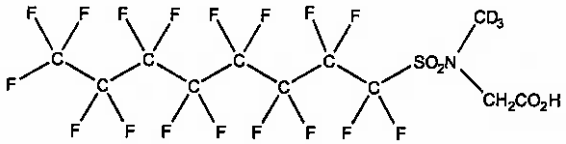
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: d3-N-MeFOSAA **LOT NUMBER:** d3NMeFOSAA0516

COMPOUND: N-methyl-d3-perfluoro-1-octanesulfonamidoacetic acid

STRUCTURE: **CAS #:** Not available



MOLECULAR FORMULA: $C_{11}D_3H_3F_{17}NO_4S$ **MOLECULAR WEIGHT:** 574.23

CONCENTRATION: 50 ± 2.5 µg/ml **SOLVENT(S):** Methanol, Water (<1%)

CHEMICAL PURITY: >98% **ISOTOPIC PURITY:** ≥98% $^2H_3$

LAST TESTED: (mm/dd/yyyy) 05/31/2016

EXPIRY DATE: (mm/dd/yyyy) 05/31/2021

RECOMMENDED STORAGE: Refrigerate ampoule

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent the conversion of the acetic acid moiety to the methyl ester.
- Contains ~ 1% of branched isomer.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 06/01/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

Where possible, all of our products are synthesized using single-product unambiguous routes. They are then characterized, and their structures and purities confirmed, using a combination of the most relevant techniques, such as NMR, GC/MS, LC/MS/MS, SFC/UV/MS/MS, x-ray crystallography, and melting point. Isotopic purities of mass-labelled compounds are also confirmed using HRGC/HRMS and/or LC/MS/MS.

HOMOGENEITY:

Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS, LC/MS/MS and/or SFC/UV/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

UNCERTAINTY:

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The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

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TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

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QUALITY MANAGEMENT:

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CALA

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER

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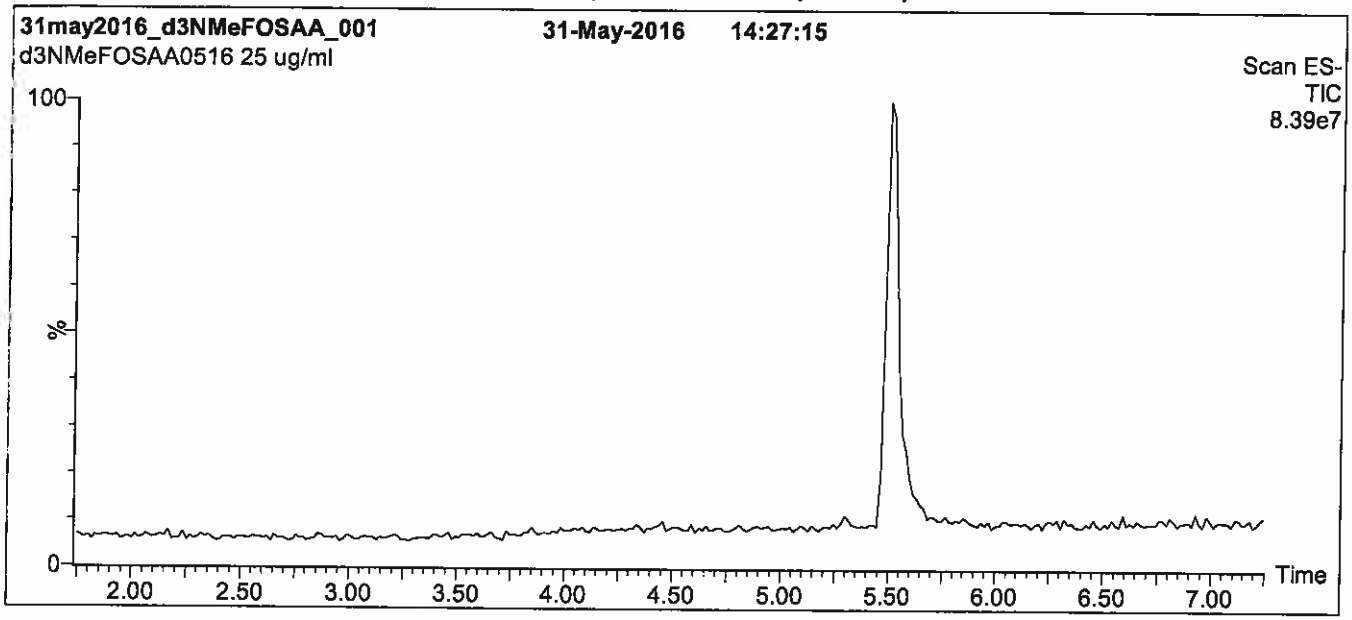
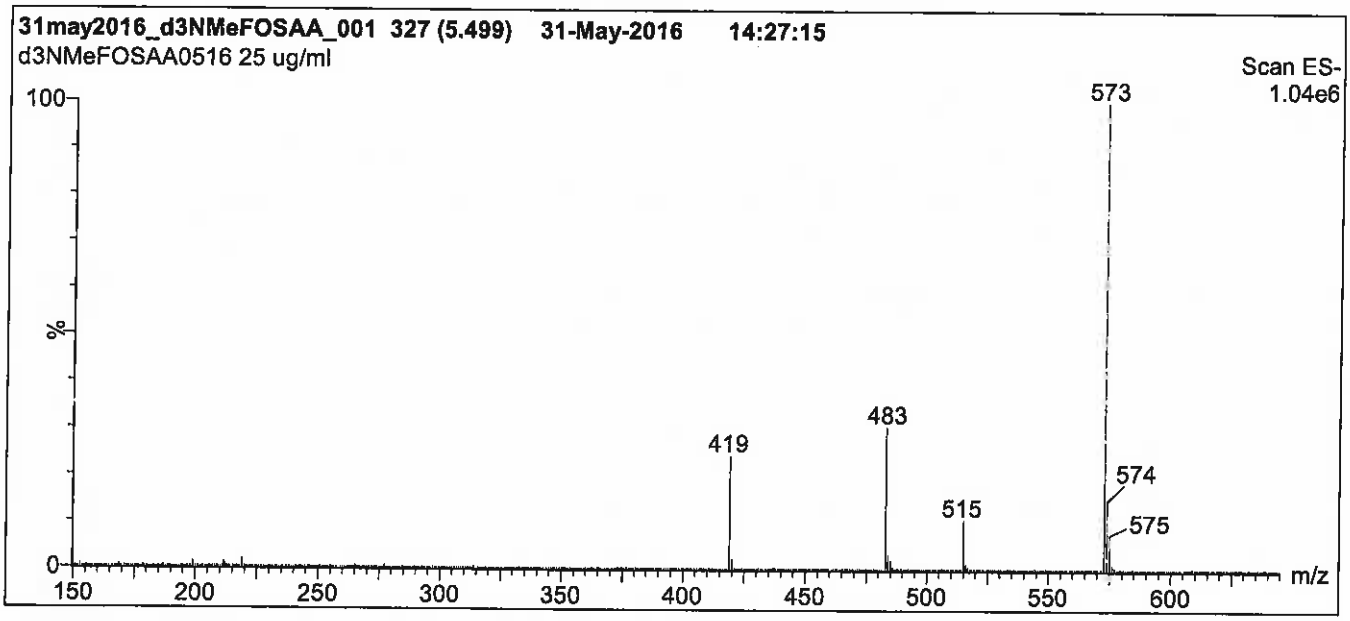
Figure 1: **d3-N-MeFOSAA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7.5 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

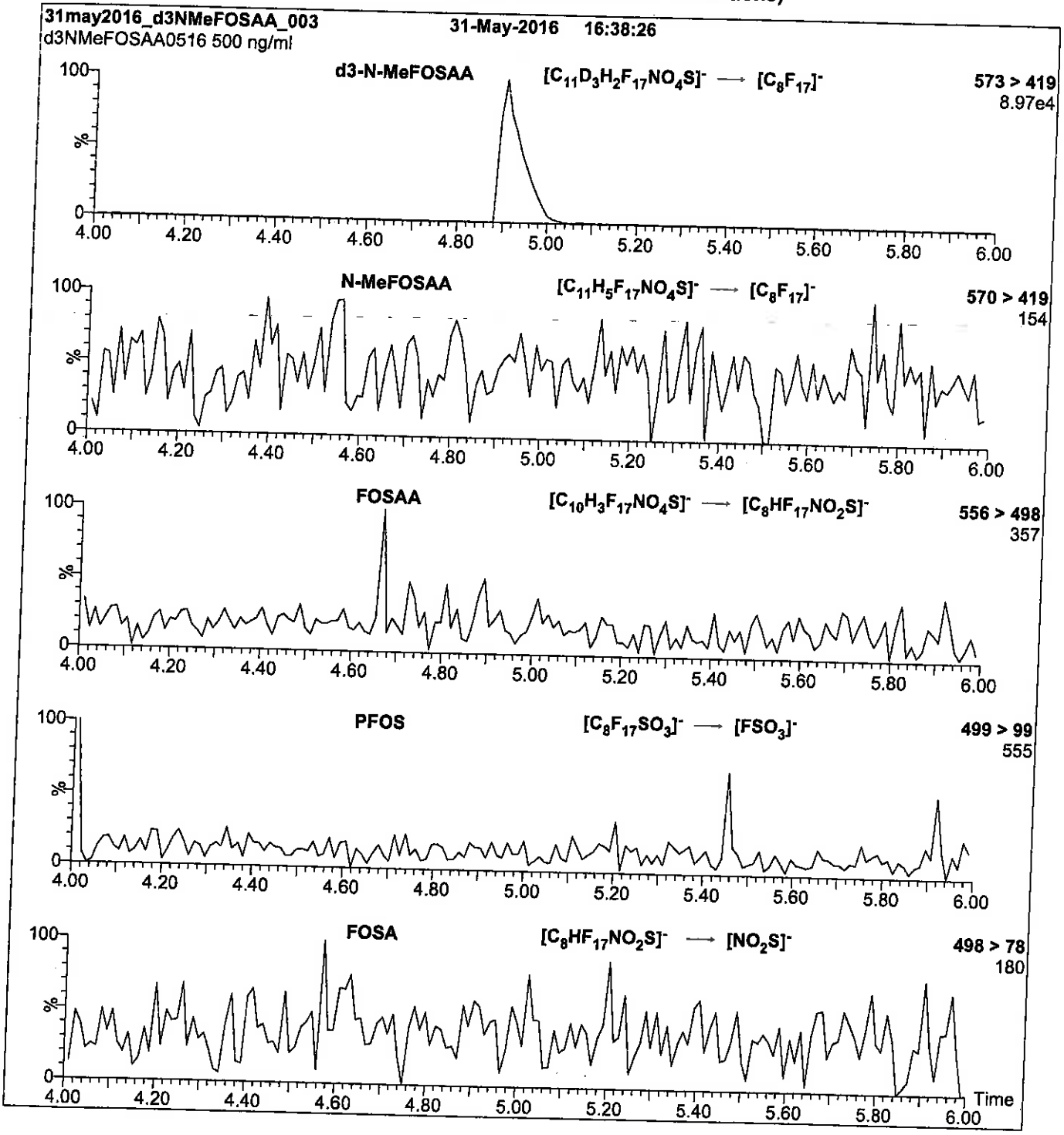
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 35.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **d3-N-MeFOSAA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml d3-N-MeFOSAA)	**MS Parameters**	
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.43e-3 Collision Energy (eV) = 25	
Flow:	300 µl/min		

Reagent

LCd5-NEtFOSAA_00003

R: 9/9/16 SBC

728301
ID: LCd5-NEtFOSAA_00003
Exp: 08/02/21 Prpd: SBC
d5-N-EtFOSAA

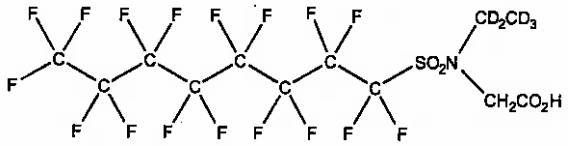
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: d5-N-EtFOSAA **LOT NUMBER:** d5NEtFOSAA0716

COMPOUND: N-ethyl-d5-perfluoro-1-octanesulfonamidoacetic acid

STRUCTURE: **CAS #:** Not available



MOLECULAR FORMULA: $C_{12}D_5H_3F_{17}NO_4S$ **MOLECULAR WEIGHT:** 590.26

CONCENTRATION: 50 ± 2.5 µg/ml **SOLVENT(S):** Methanol, Water (<1%)

CHEMICAL PURITY: >98% **ISOTOPIC PURITY:** ≥98% $^2H_5$

LAST TESTED: (mm/dd/yyyy) 08/02/2016

EXPIRY DATE: (mm/dd/yyyy) 08/02/2021

RECOMMENDED STORAGE: Refrigerate ampoule

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent the conversion of the acetic acid moiety to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 08/09/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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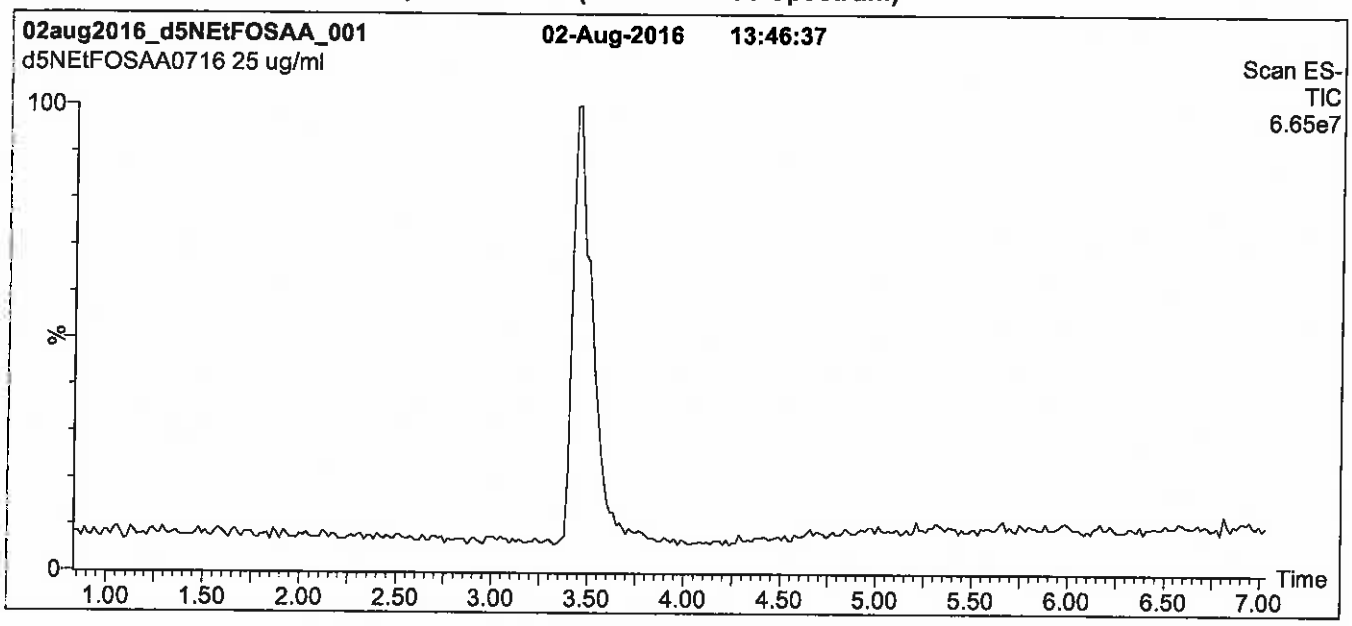
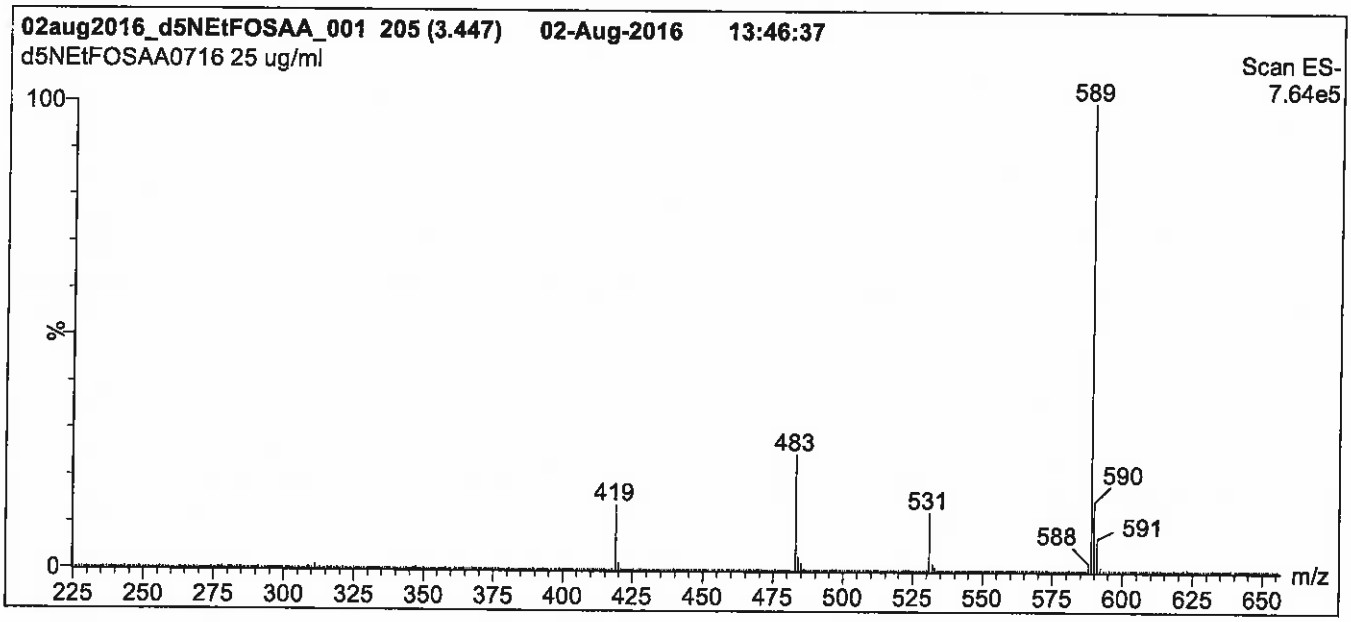
Figure 1: d5-N-EtFOSAA; LC/MS Data (TIC and Mass Spectrum)





Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 65% (80:20 MeOH:ACN) / 35% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7.5 min and hold for 1.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min

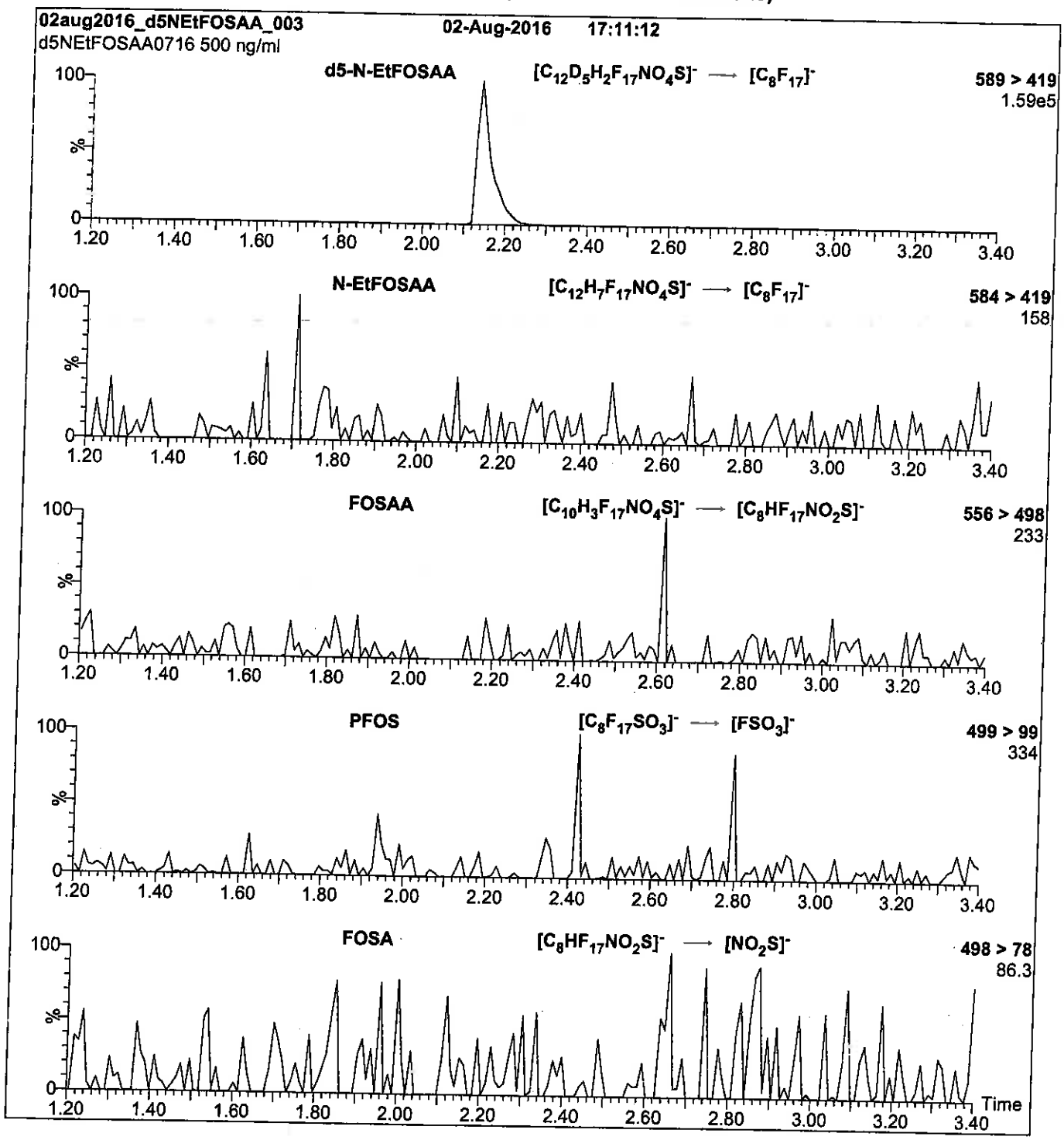
Flow: 350 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 35.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **d5-N-EtFOSAA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml d5-N-EtFOSAA)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.43e-3 Collision Energy (eV) = 25
Flow:	300 µl/min	

Reagent

LCM2-6:FTS_00003

R: 9/9/16 SBC

728304
ID: LCM2-6:FTS_00003
Exp: 01/08/21 Prpd: SBC
M2-6:2FTS

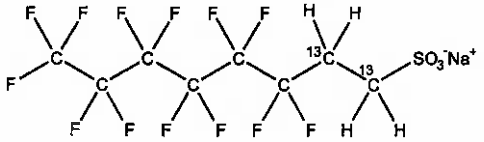
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: M2-6:2FTS **LOT NUMBER:** M262FTS0116

COMPOUND: Sodium 1H,1H,2H,2H-perfluoro-[1,2-$^{13}C_2$]octane sulfonate

STRUCTURE: **CAS #:** Not available



MOLECULAR FORMULA:	$^{13}C_2{}^{12}C_6H_4F_{13}SO_3Na$	**MOLECULAR WEIGHT:**	452.13
CONCENTRATION:	50.0 ± 2.5 µg/ml (Na salt) 47.5 ± 2.4 µg/ml (M2-6:2FTS anion)	**SOLVENT(S):**	Methanol
CHEMICAL PURITY:	>98%	**ISOTOPIC PURITY:**	≥99% ^{13}C ($1,2\text{-}^{13}C_2$)
LAST TESTED: (mm/dd/yyyy)	01/08/2016		
EXPIRY DATE: (mm/dd/yyyy)	01/08/2021		
RECOMMENDED STORAGE:	Refrigerate ampoule		

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- The native 6:2FTS contains 4.22% of ^{34}S (due to natural isotopic abundance) therefore both native 6:2FTS and M2-6:2FTS will produce signals in the m/z 429 to m/z 409 channel during SRM analysis. We recommend using the m/z 429 to m/z 81 transition to monitor for M2-6:2FTS during quantitative analysis as it will be free of any native contribution (see Figure 2).

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 01/11/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

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HAZARDS:

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UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

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QUALITY MANAGEMENT:

This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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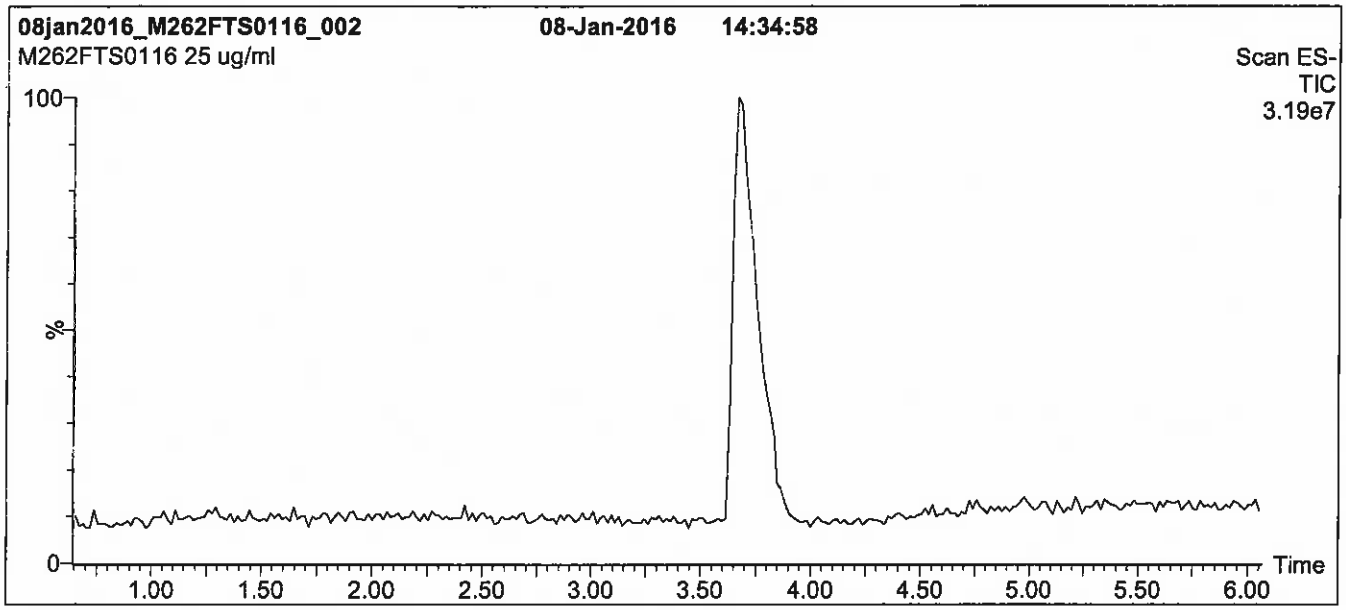
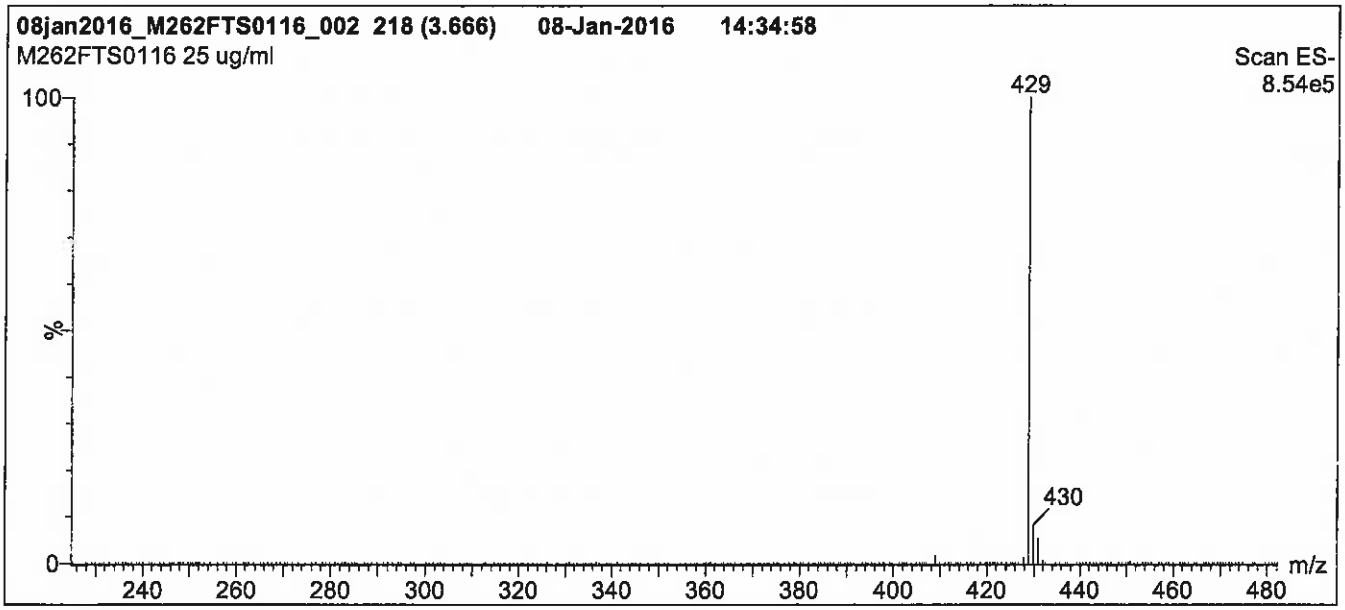
Figure 1: **M2-6:2FTS; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min
and hold for 2 min before returning
to initial conditions in 0.5 min.
Time: 10 min

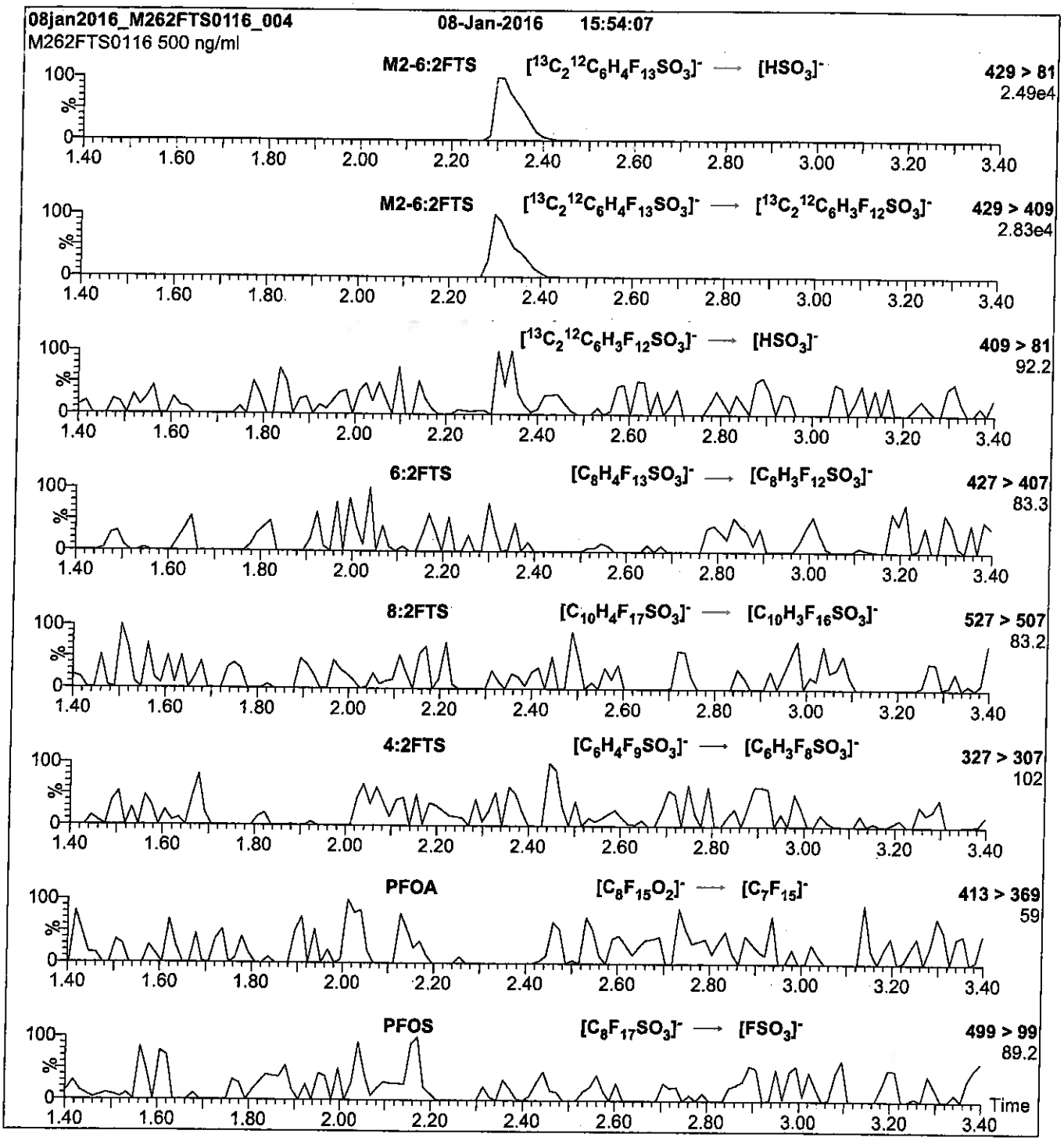
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 30.00
Cone Gas Flow (l/hr) = 100
Desolvation Gas Flow (l/hr) = 750

Figure 2: **M2-6:2FTS; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml M2-6:2FTS)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.28e-3
Collision Energy (eV) = 25

Reagent

LCM2PFHxDA_00008

R: SBC 9/22/16

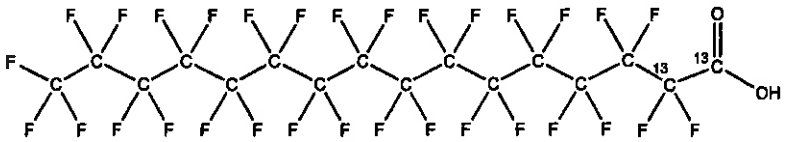
739512
ID: LCM2PFHxDA_00008
Exp: 01/07/21 Prpd: SBC
13C2-PFHxDA at 50ug/mL

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: M2PFHxDA
LOT NUMBER: M2PFHxDA1112
COMPOUND: Perfluoro-n-[1,2-$^{13}C_2$]hexadecanoic acid

STRUCTURE:
CAS #: Not available



MOLECULAR FORMULA: $^{13}C_2{}^{12}C_{14}HF_{31}O_2$
MOLECULAR WEIGHT: 816.11
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol
Water (<1%)
CHEMICAL PURITY: >98%
ISOTOPIC PURITY: ≥99% ^{13}C (1,2-$^{13}C_2$)
LAST TESTED: (mm/dd/yyyy) 01/07/2016
EXPIRY DATE: (mm/dd/yyyy) 01/07/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains ~ 0.3% of native perfluoro-n-hexadecanoic acid.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 01/11/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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SYNTHESIS / CHARACTERIZATION:

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HOMOGENEITY:

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where x is expressed as a relative standard uncertainty of the individual parameter.

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TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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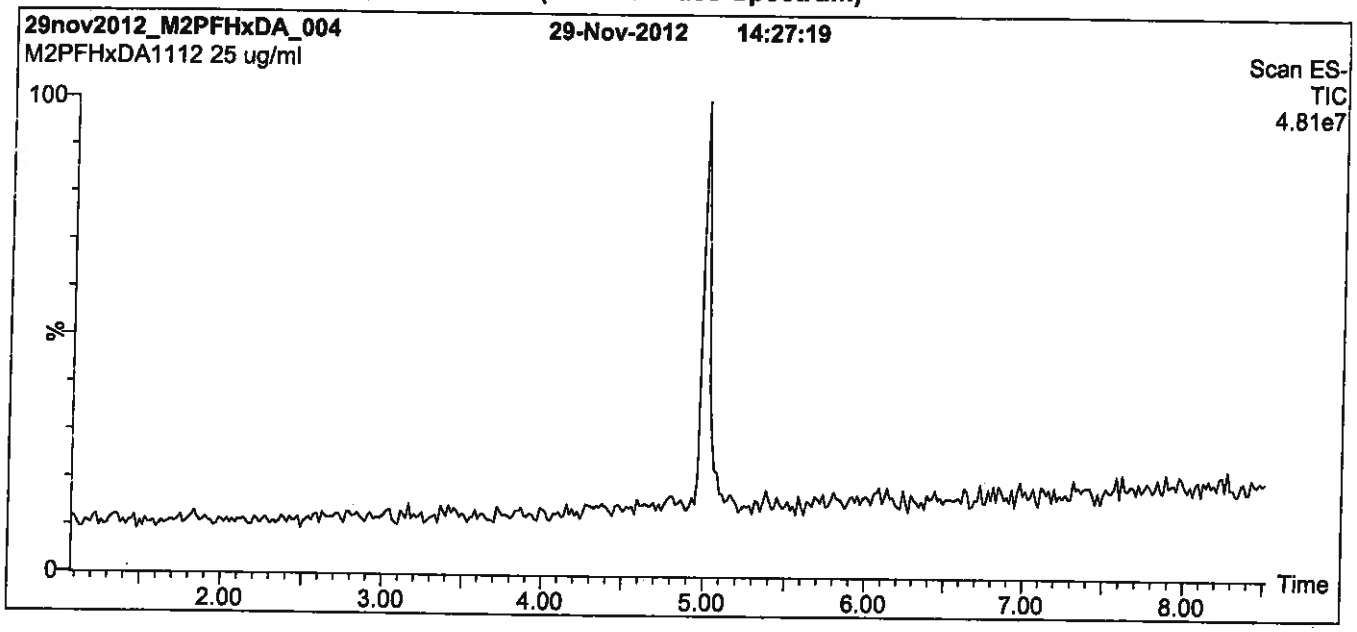
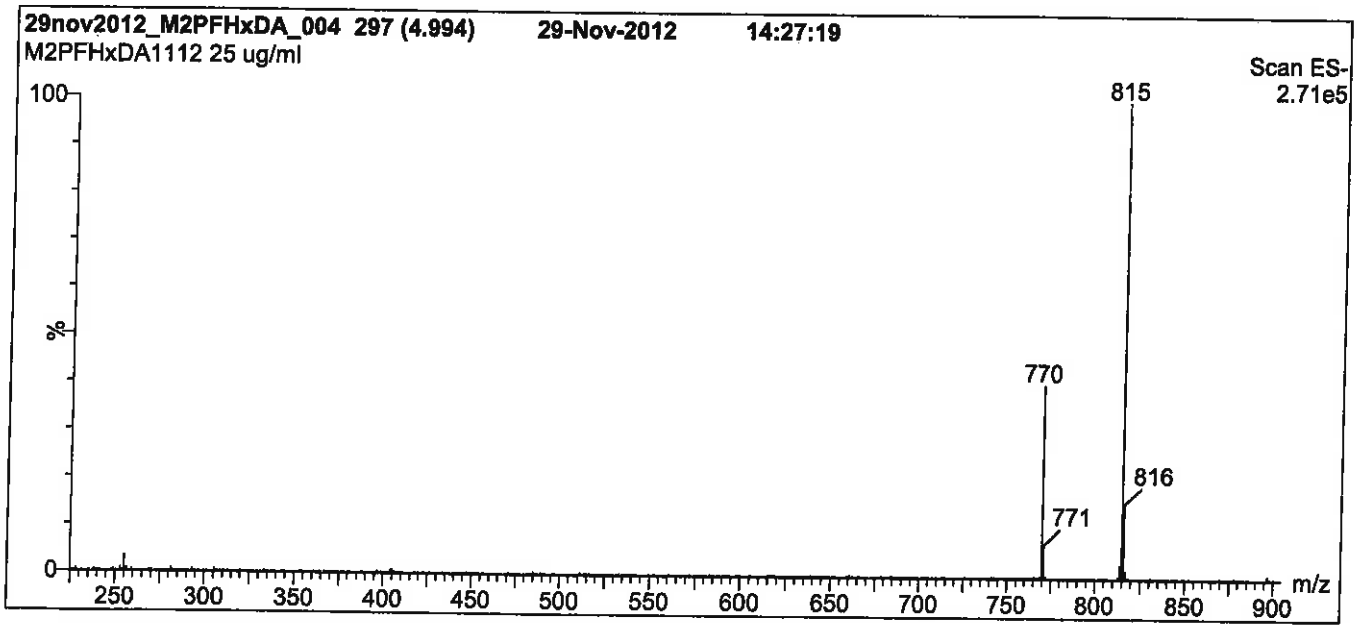
Figure 1: **M2PFHxDA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 60% (80:20 MeOH:ACN) / 40% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 100% organic over 7 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

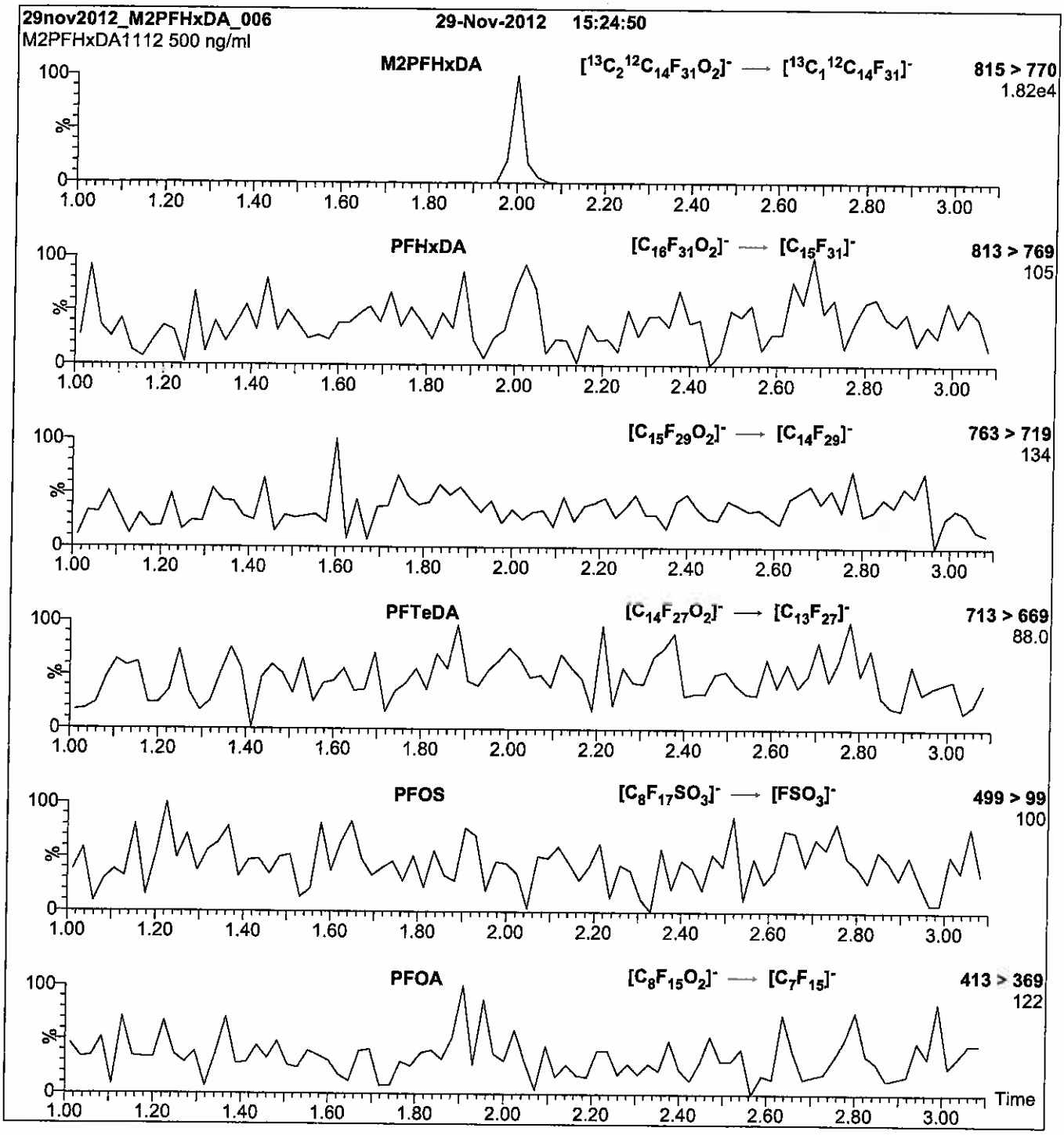
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 1200 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 25.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 750

Figure 2: **M2PFHxDA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml M2PFHxDA)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.39e-3 Collision Energy (eV) = 15
Flow:	300 µl/min	

Reagent

LCM2PFHxDA_00009

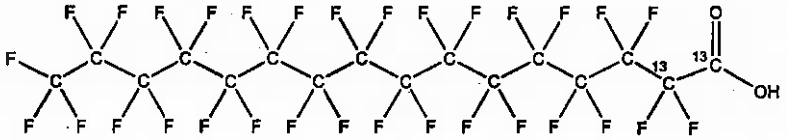
r: 3/9/17 SKV

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: M2PFHxDA
LOT NUMBER: M2PFHxDA1112
COMPOUND: Perfluoro-n-[1,2-$^{13}C_2$]hexadecanoic acid

STRUCTURE:
CAS #: Not available



MOLECULAR FORMULA: $^{13}C_2{}^{12}C_{14}HF_{31}O_2$
MOLECULAR WEIGHT: 816.11
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol, Water (<1%)
CHEMICAL PURITY: >98%
ISOTOPIC PURITY: ≥99% ^{13}C (1,2-$^{13}C_2$)
LAST TESTED: (mm/dd/yyyy) 01/07/2016
EXPIRY DATE: (mm/dd/yyyy) 01/07/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains ~ 0.3% of native perfluoro-n-hexadecanoic acid.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 01/11/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
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CALA

ANAB ACCREDITED ISO GUIDE 34 REFERENCE MATERIAL PRODUCER

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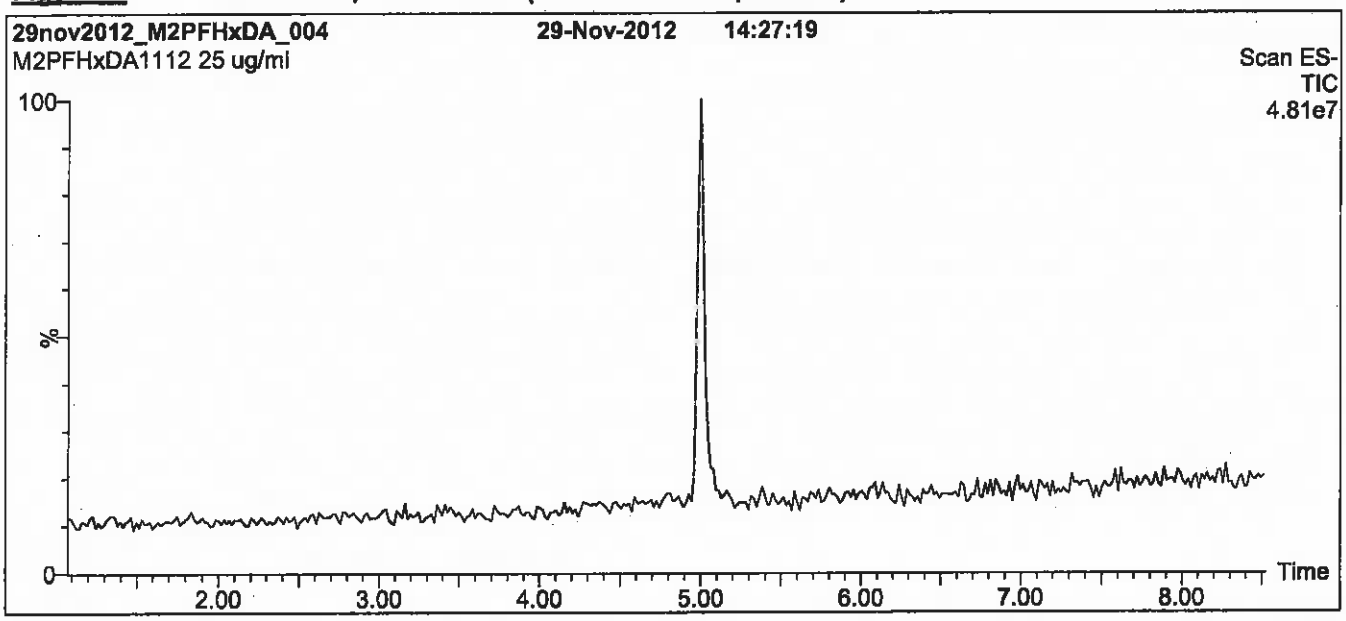
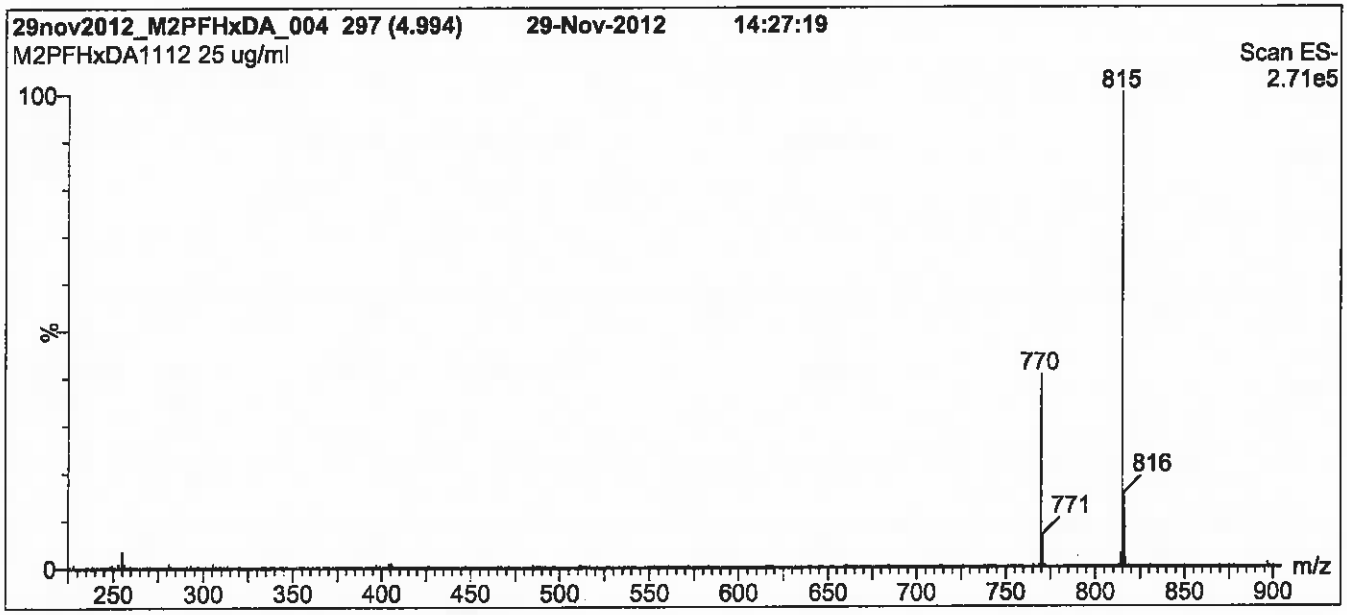




Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 60% (80:20 MeOH:ACN) / 40% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 100% organic over 7 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

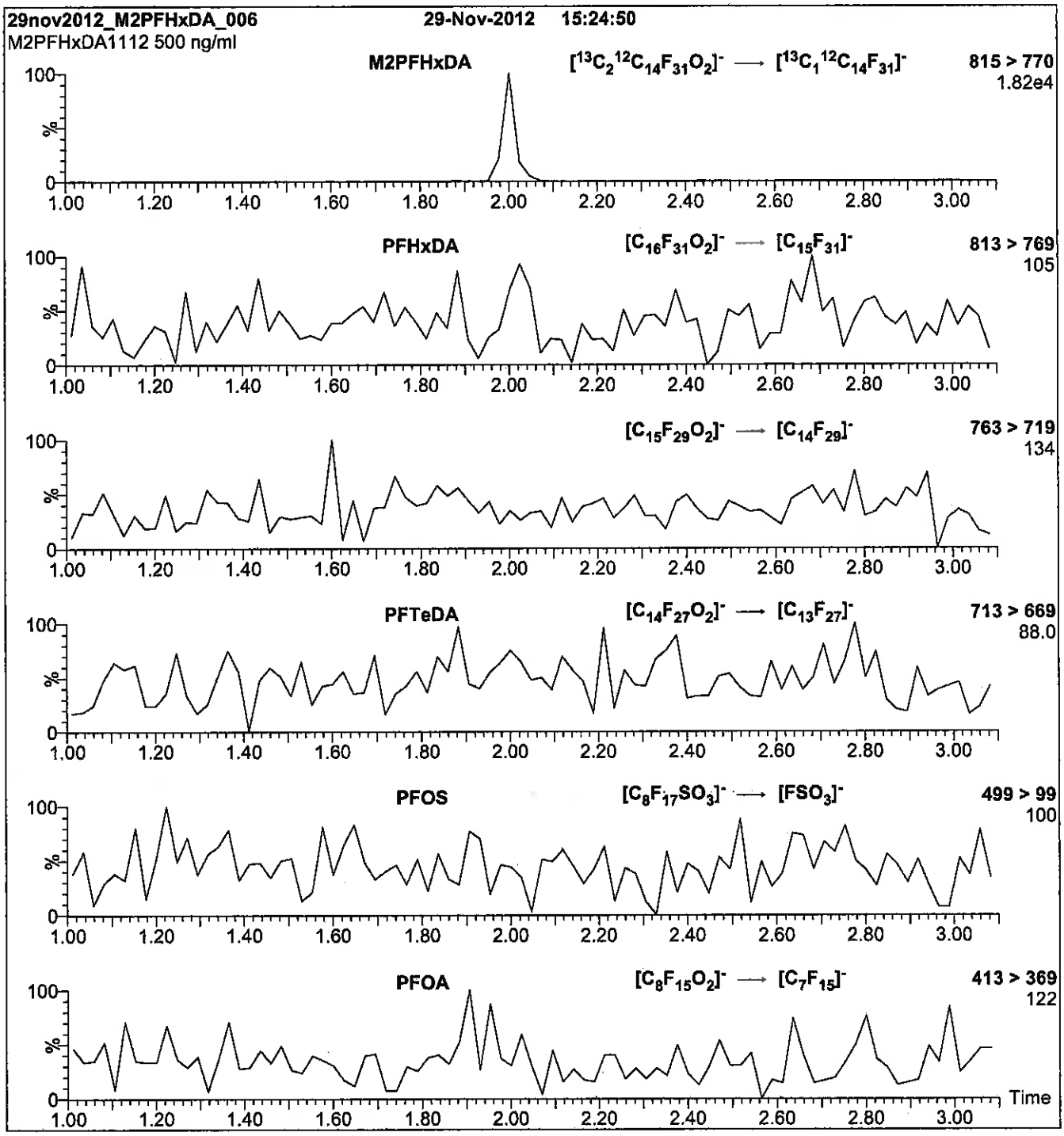
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 1200 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 25.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 750

Figure 2: **M2PFHxDA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml M2PFHxDA)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.39e-3 Collision Energy (eV) = 15
Flow:	300 µl/min	

Reagent

LCM2PFOA_00005

Rec'. 2/10/15 SV

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

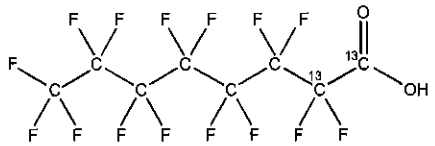
PRODUCT CODE: M2PFOA

LOT NUMBER: M2PFOA0613

COMPOUND: Perfluoro-n-[1,2-$^{13}C_2$]octanoic acid

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA: $^{13}C_2{}^{12}C_6HF_{15}O_2$

MOLECULAR WEIGHT: 416.05

CONCENTRATION: 50 ± 2.5 µg/ml

SOLVENT(S): Methanol, Water (<1%)

CHEMICAL PURITY: >98%

ISOTOPIC PURITY: ≥99% ^{13}C (1,2-$^{13}C_2$)

LAST TESTED: (mm/dd/yyyy) 06/19/2013

EXPIRY DATE: (mm/dd/yyyy) 06/19/2018

RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 07/16/2013 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
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This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Material Safety Data Sheets (MSDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

Where possible, all of our products are synthesized using single-product, unambiguous routes. They are then characterized, and their structures and purities confirmed, using a combination of the most relevant techniques, such as NMR, GC/MS, LC/MS/MS, x-ray crystallography and melting point. Isotopic purities of mass-labelled compounds are also confirmed using HRGC/HRMS and/or LC/MS/MS.

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Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS and/or LC/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external, ISO/IEC 17025:2005 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration for the period of time specified by the expiry date in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

QUALITY MANAGEMENT:

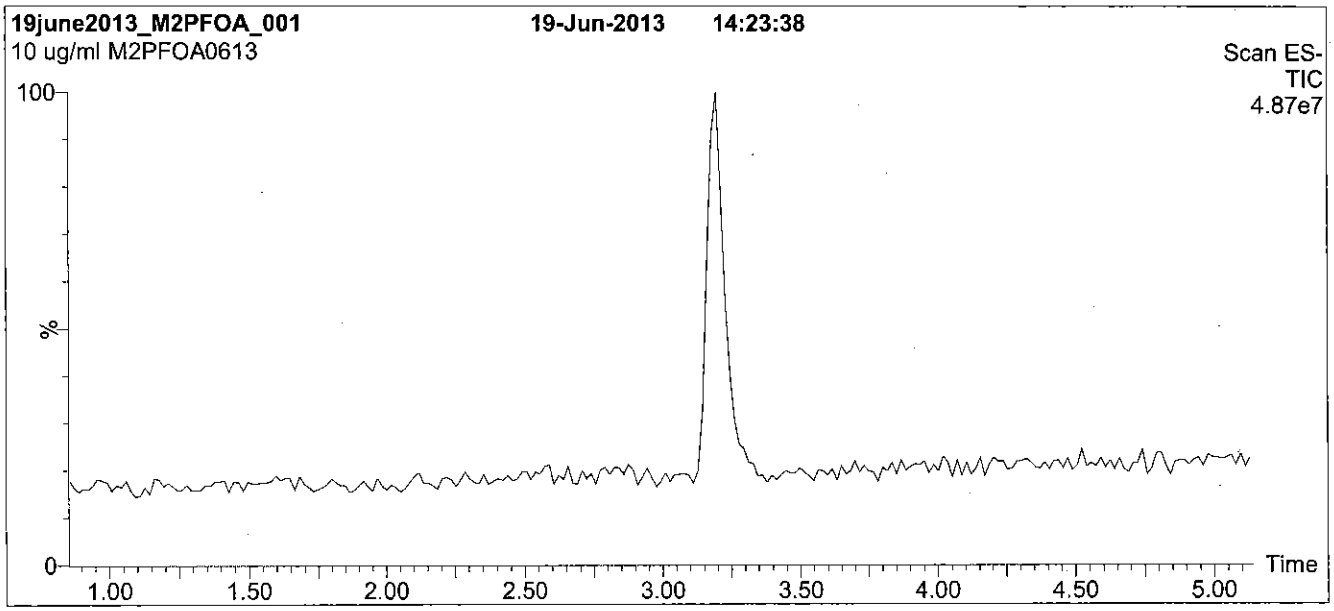
This product was produced using a Quality Management System registered to ISO 9001:2008 by SAI Global, ISO/IEC 17025:2005 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34:2009 by ACLASS (certificate number AR-1523).

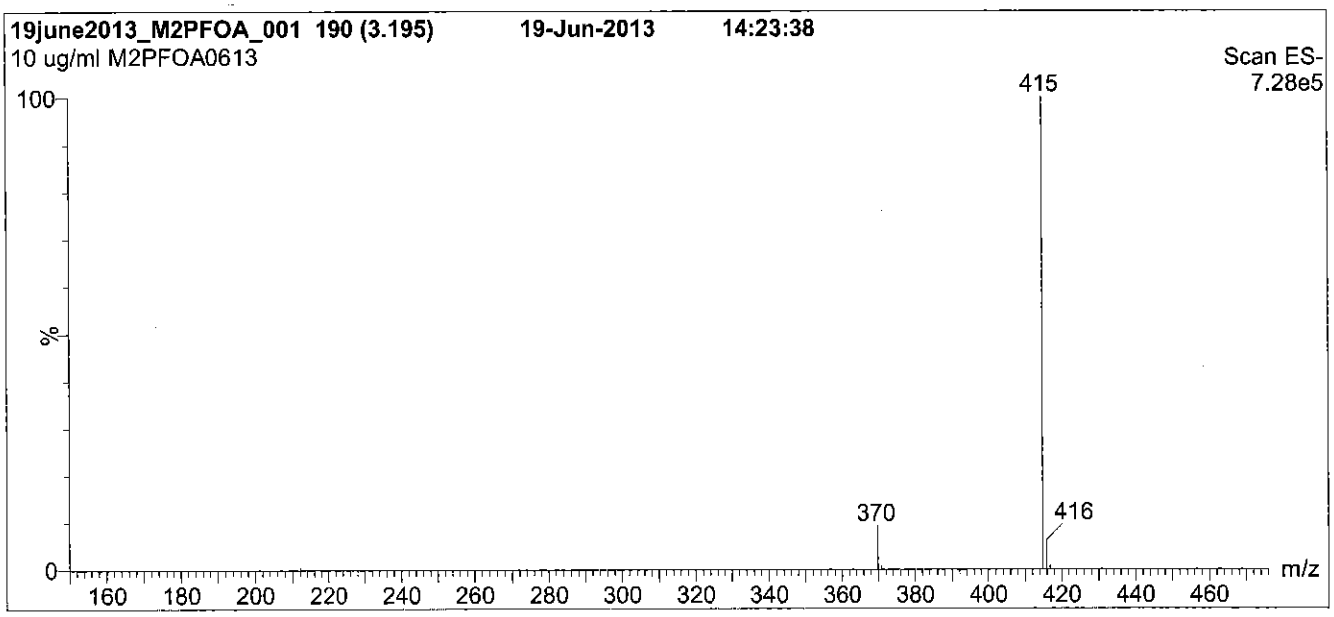
CALA Testing Accreditation No. A 1226

ACLASS ACCREDITED REFERENCE MATERIAL PRODUCER

For additional information or assistance concerning this or any other products from Wellington Laboratories Inc., please visit our website at www.well-labs.com or contact us directly at info@well-labs.com

Figure 1: **M2PFOA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

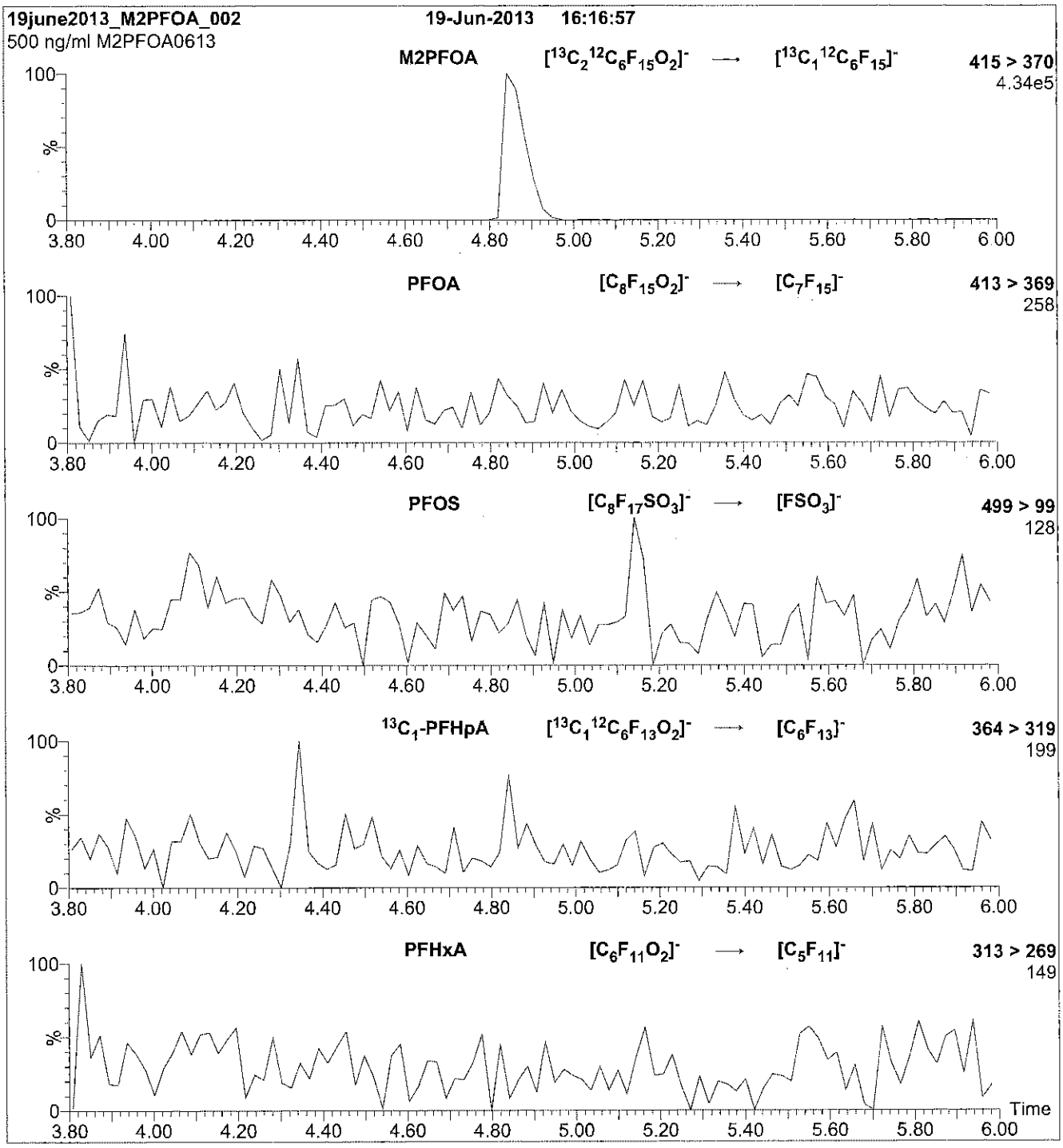
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 100
Desolvation Gas Flow (l/hr) = 750

Figure 2: **M2PFOA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml M2PFOA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.66e-3
Collision Energy (eV) = 11

Reagent

LCM2PFTeDA_00007

Scanned 10/14/16 R: SBC 9/22/16

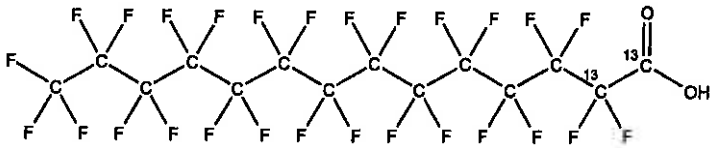
739563
ID: LCM2PFTeDA_00007
Exp: 12/07/20 Prpd: SBC
13C2-PFTeDA at 50ug/mL

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: M2PFTeDA
LOT NUMBER: M2PFTeDA1115
COMPOUND: Perfluoro-n-[1,2-$^{13}C_2$]tetradecanoic acid

STRUCTURE:
CAS #: Not available



MOLECULAR FORMULA: $^{13}C_2{}^{12}C_{12}HF_{27}O_2$
MOLECULAR WEIGHT: 716.10
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol
Water (<1%)
CHEMICAL PURITY: >98%
ISOTOPIC PURITY: ≥99% ^{13}C (1,2-$^{13}C_2$)
LAST TESTED: (mm/dd/yyyy) 12/07/2015
EXPIRY DATE: (mm/dd/yyyy) 12/07/2020
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 12/08/2015 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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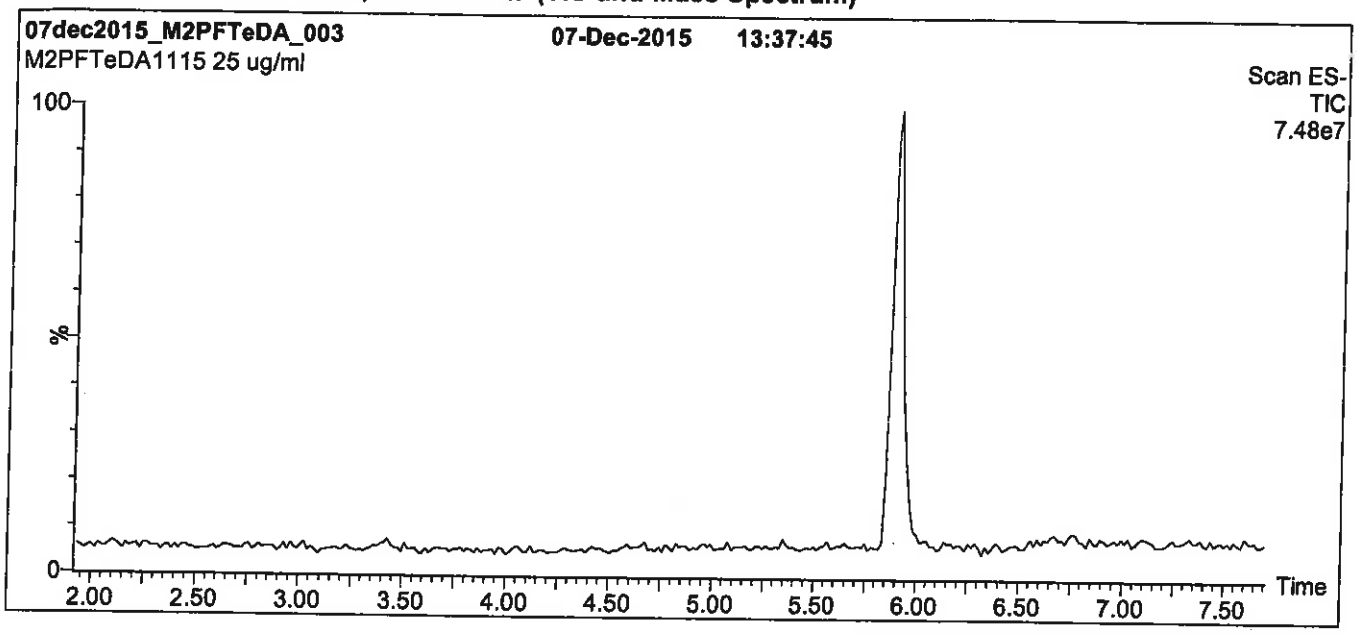
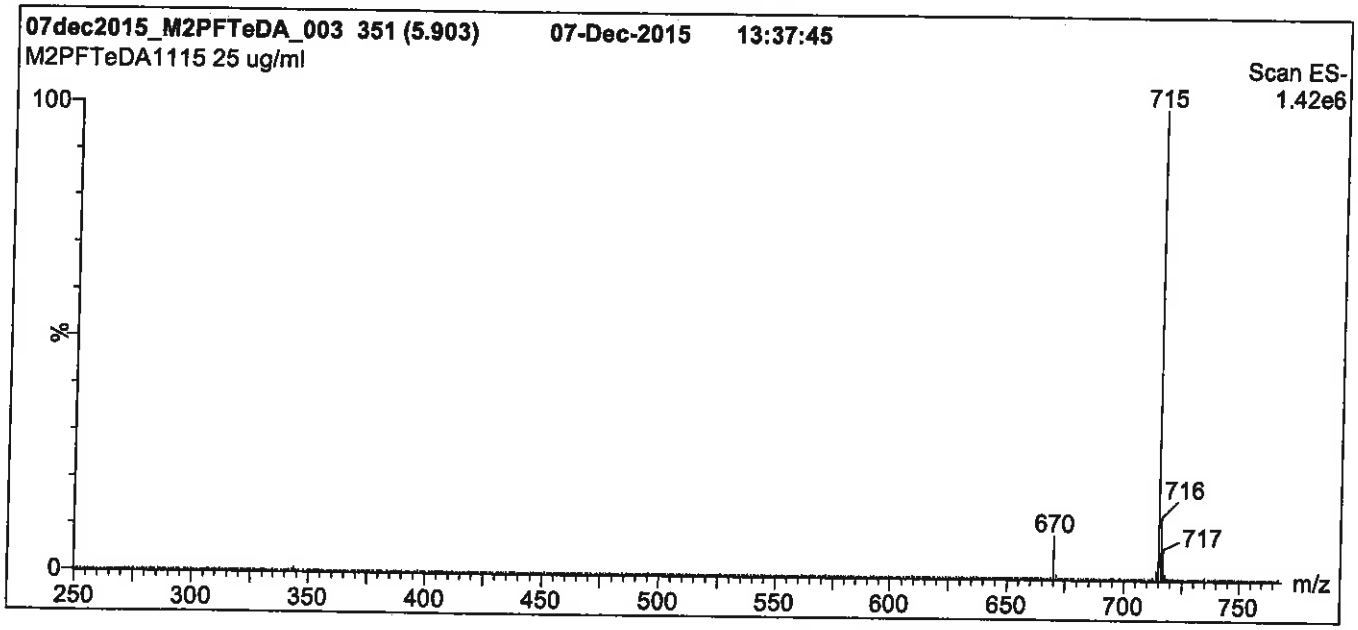
Figure 1: **M2PFTeDA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 65% (80:20 MeOH:ACN) / 35% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 2 min before returning to initial conditions in 0.5 min.
Time: 10 min

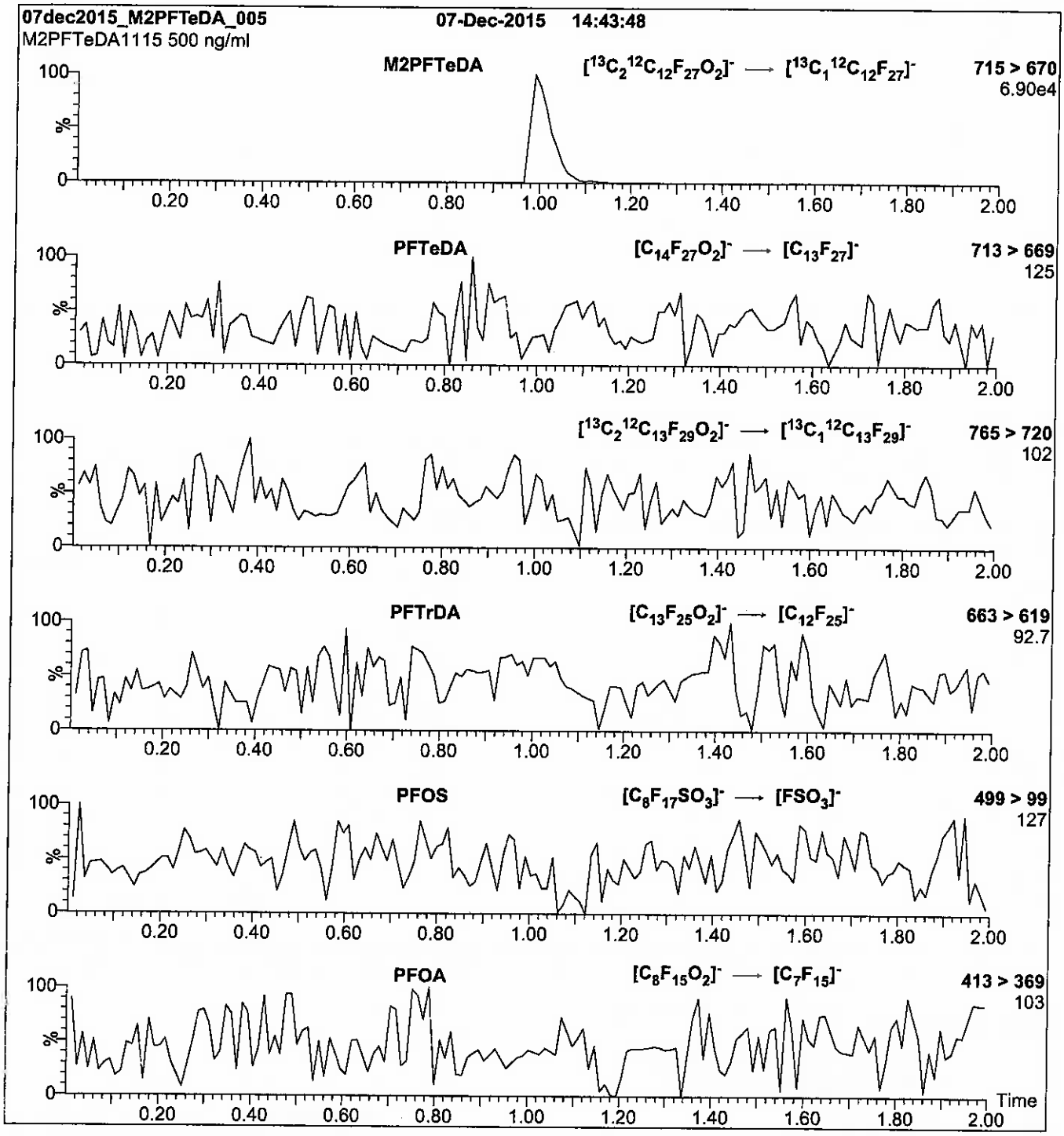
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (250 - 1250 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 750

Figure 2: **M2PFTeDA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml M2PFTeDA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.28e-3
Collision Energy (eV) = 14

Reagent

LCM2PFTeDA_00008

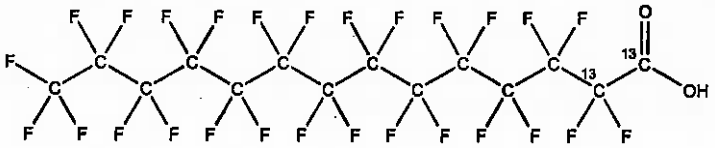
r: 3/5/17 SKV

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: M2PFTeDA
COMPOUND: Perfluoro-n-[1,2-$^{13}C_2$]tetradecanoic acid
LOT NUMBER: M2PFTeDA1115

STRUCTURE:
CAS #: Not available



MOLECULAR FORMULA: $^{13}C_2{}^{12}C_{12}HF_{27}O_2$
MOLECULAR WEIGHT: 716.10
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol, Water (<1%)
CHEMICAL PURITY: >98%
ISOTOPIC PURITY: ≥99% ^{13}C (1,2-$^{13}C_2$)
LAST TESTED: (mm/dd/yyyy) 12/07/2015
EXPIRY DATE: (mm/dd/yyyy) 12/07/2020
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 12/08/2015 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

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CALA

ANAB ACCREDITED ISO GUIDE 34 REFERENCE MATERIAL PRODUCER

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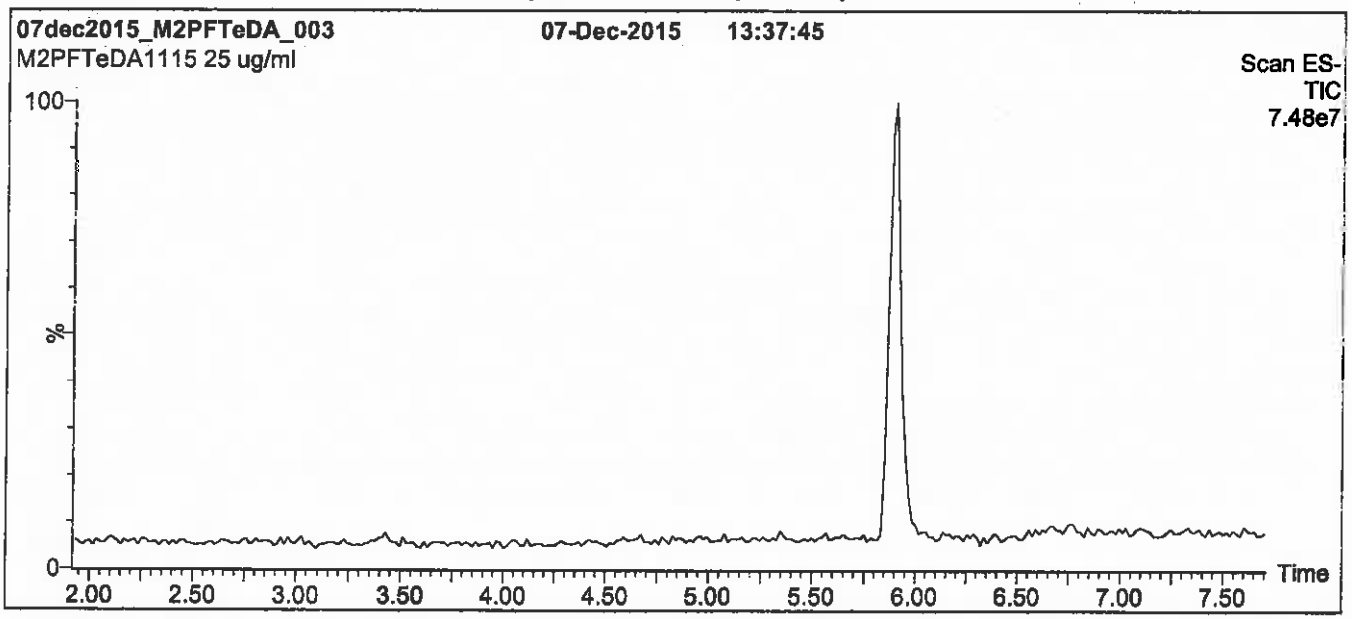
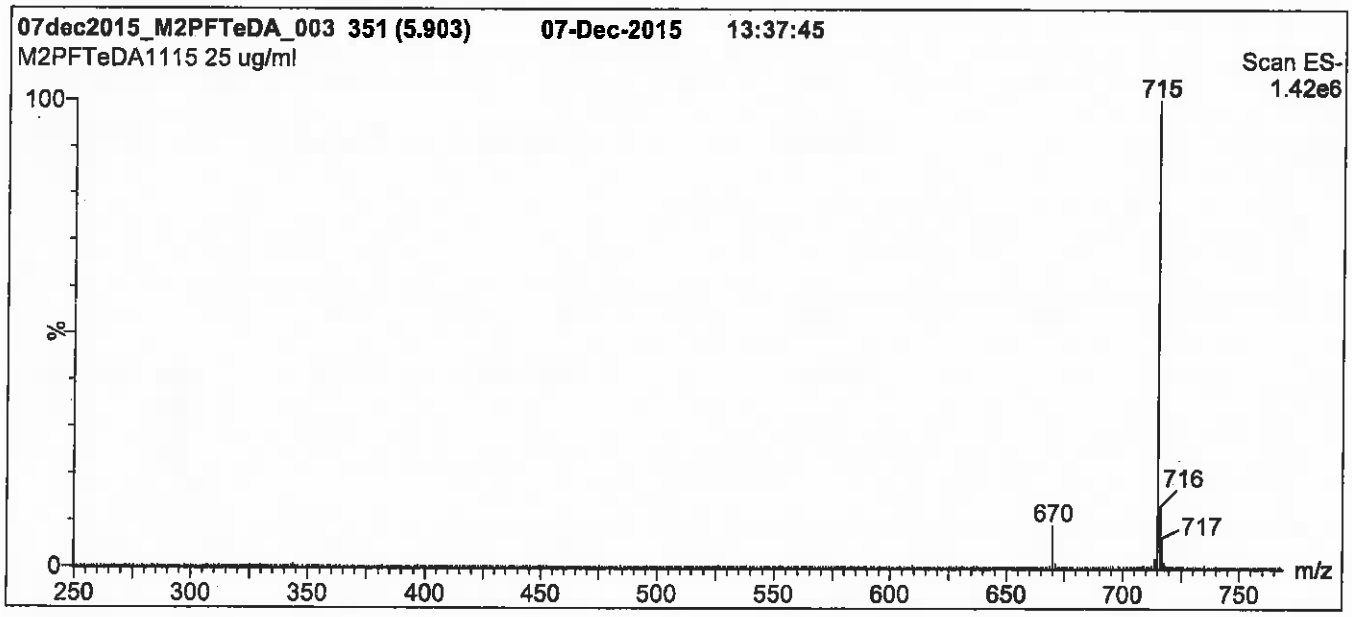




Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 65% (80:20 MeOH:ACN) / 35% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 2 min before returning to initial conditions in 0.5 min.
Time: 10 min

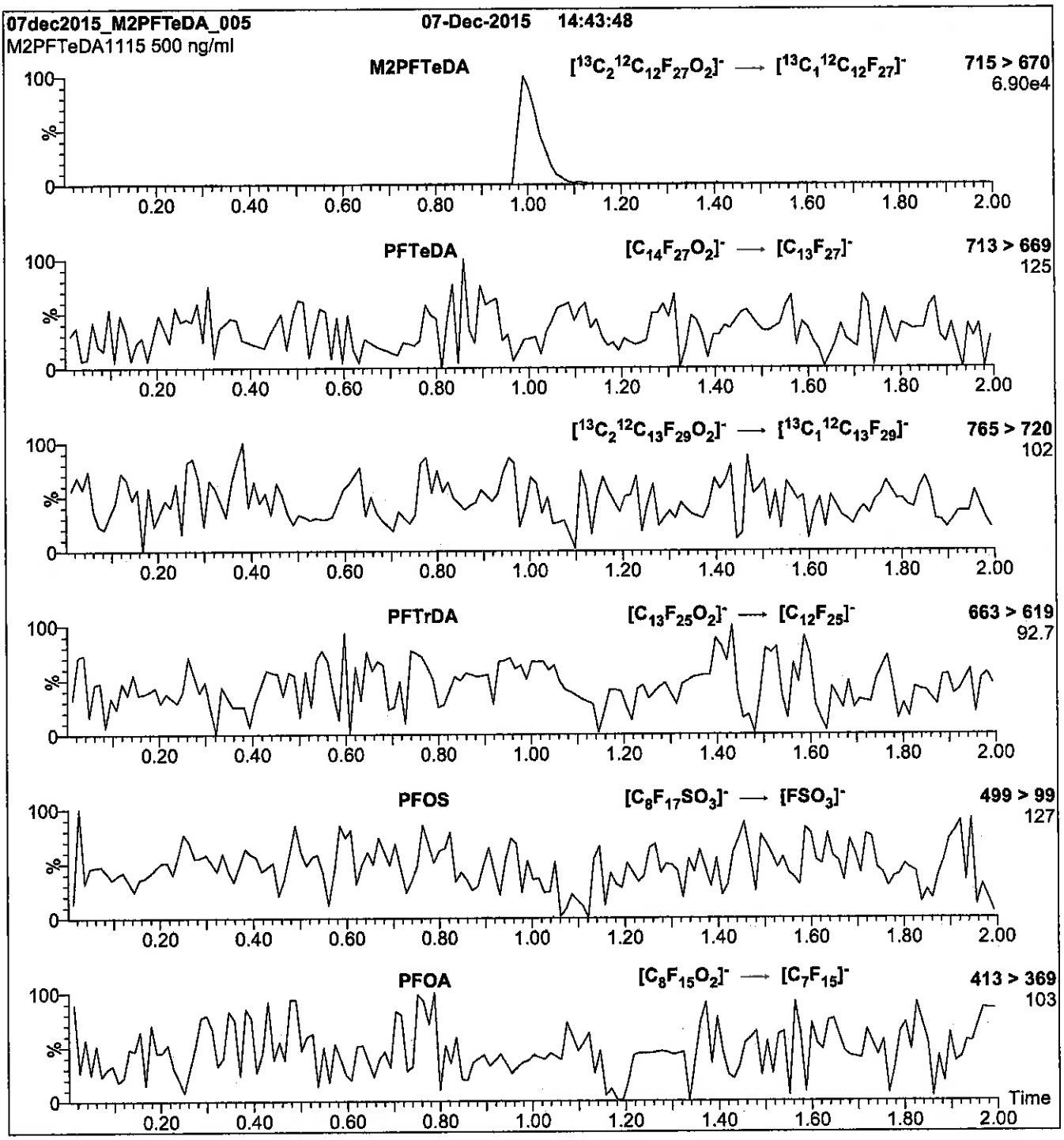
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (250 - 1250 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 750

Figure 2: **M2PFTeDA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml M2PFTeDA)
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)
Flow:	300 µl/min

MS Parameters

Collision Gas (mbar) = 3.28e-3
Collision Energy (eV) = 14

Reagent

LCM4PFHPA_00007

R: SBC 2/22/16

739567
ID: LCM4PFHPA_00007
Exp: 05/27/21 Prpd: SBC
13C4-Perfluoroheptanoic a

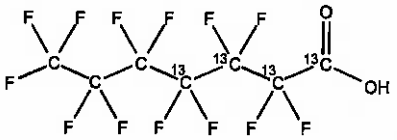
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

Scanned 10/14/16 SBC

PRODUCT CODE: M4PFHpA
LOT NUMBER: M4PFHpA0516
COMPOUND: Perfluoro-n-[1,2,3,4-$^{13}C_4$]heptanoic acid

STRUCTURE:
CAS #: Not available



MOLECULAR FORMULA: $^{13}C_4{}^{12}C_3HF_{13}O_2$
MOLECULAR WEIGHT: 368.03
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol, Water (<1%)
CHEMICAL PURITY: >98%
ISOTOPIC PURITY: ≥99% ^{13}C (1,2,3,4-$^{13}C_4$)
LAST TESTED: (mm/dd/yyyy) 05/27/2016
EXPIRY DATE: (mm/dd/yyyy) 05/27/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

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Certified By: B.G. Chittim **Date:** 07/05/2016 (mm/dd/yyyy)

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EXPIRY DATE / PERIOD OF VALIDITY:

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LIMITED WARRANTY:

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QUALITY MANAGEMENT:

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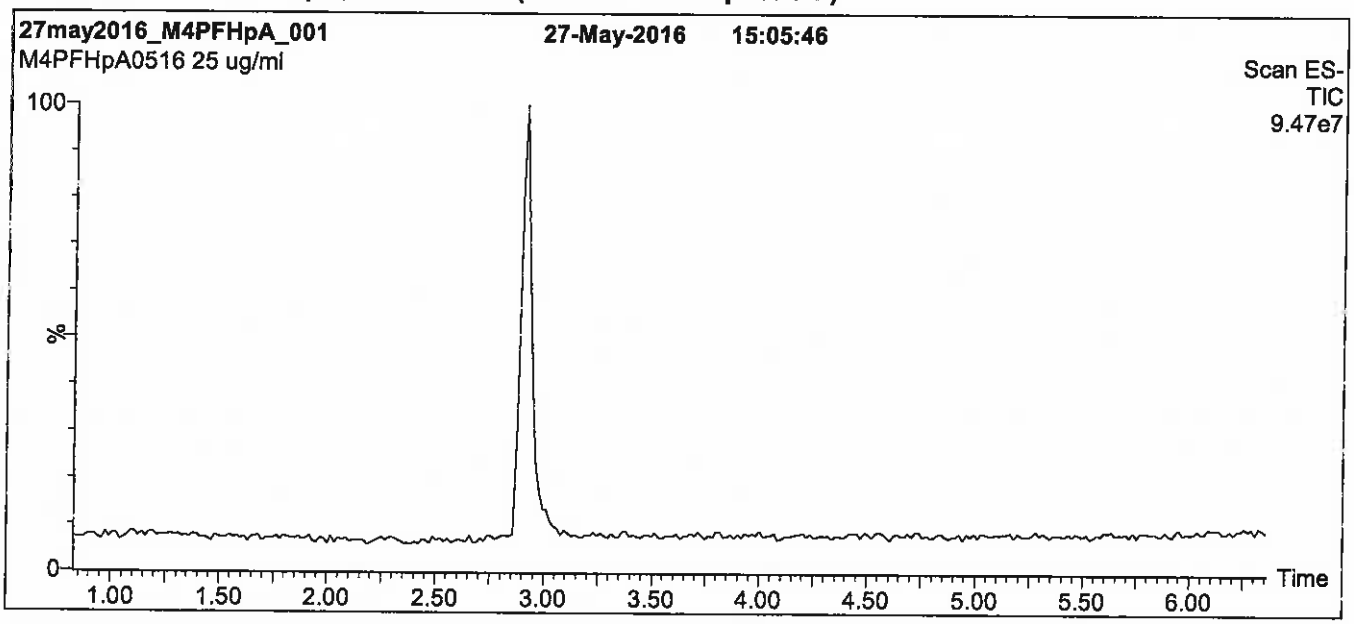
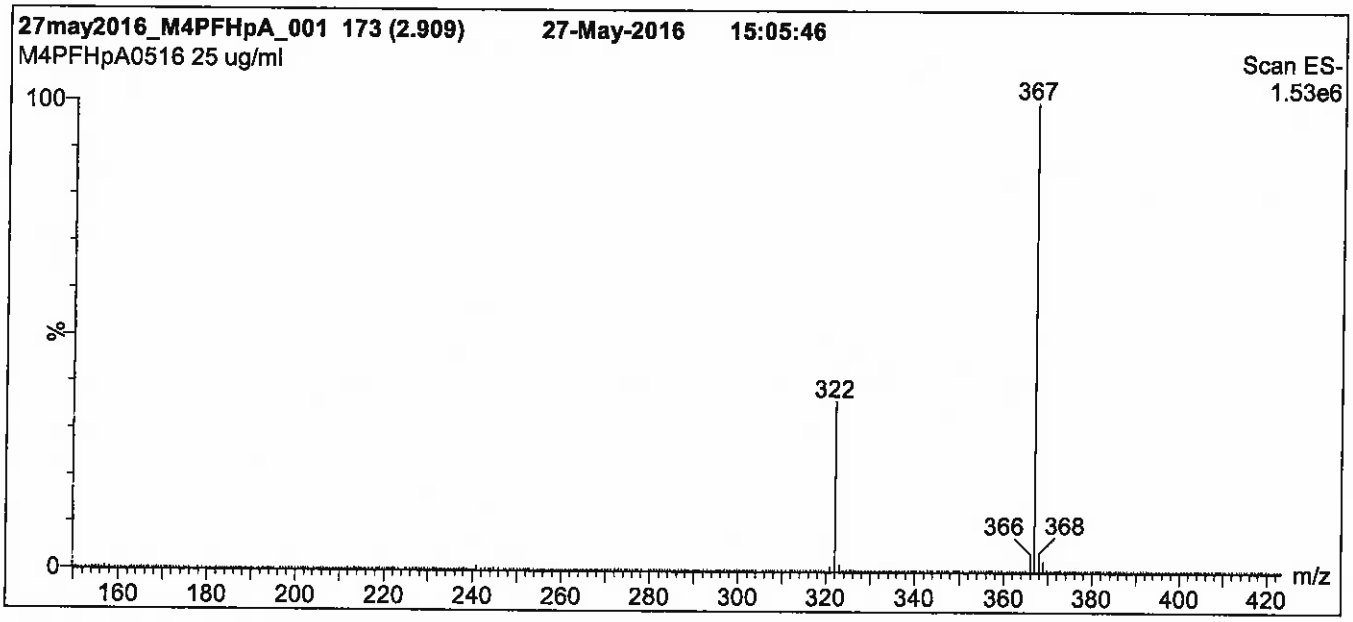
CALA Testing

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

For additional information or assistance concerning this or any other products from Wellington Laboratories Inc., please visit our website at www.well-labs.com or contact us directly at info@well-labs.com

Figure 1: **M4PFHpA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7.5 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

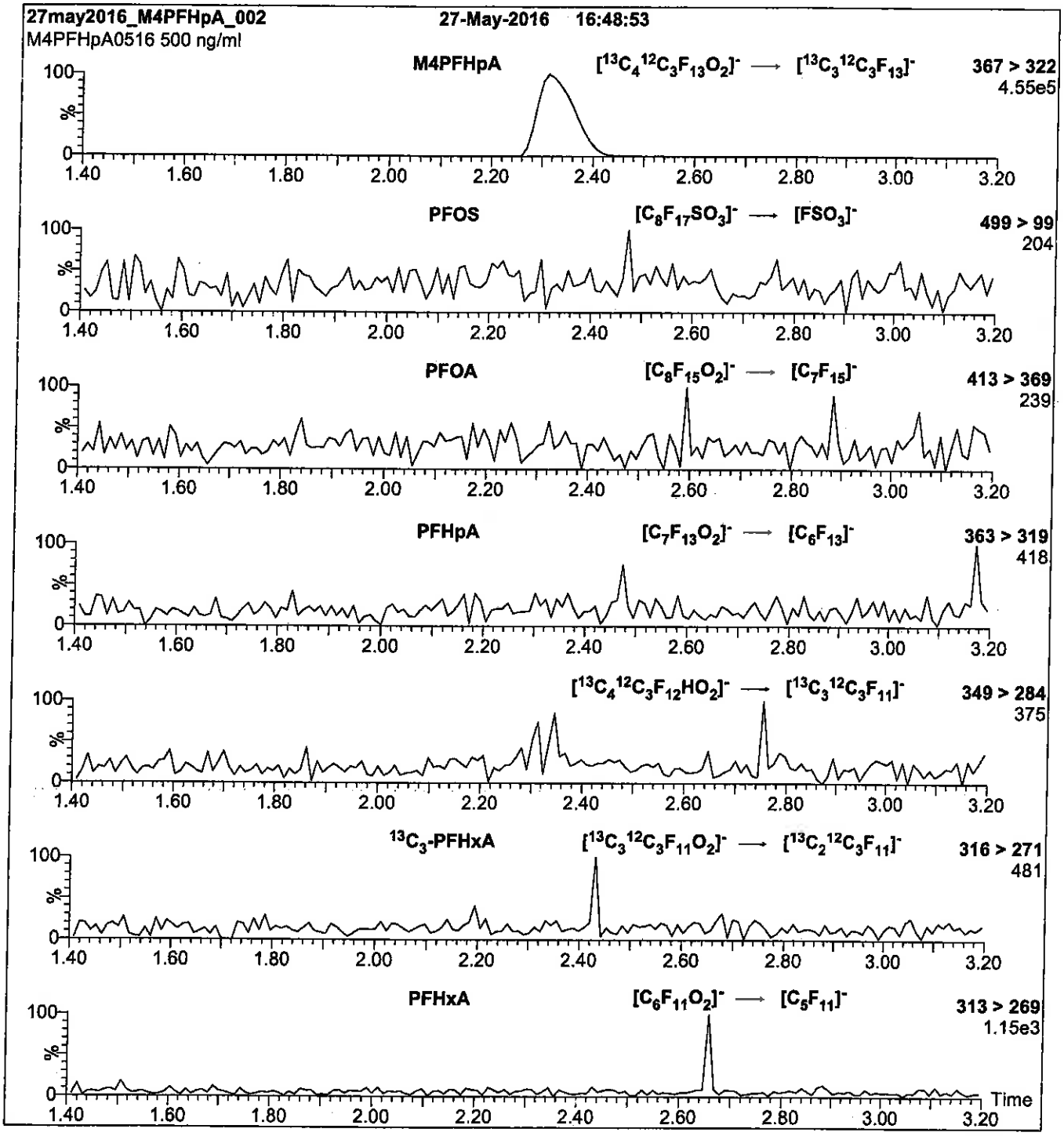
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **M4PFHpA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml M4PFHpA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.35e-3
Collision Energy (eV) = 11

Reagent

LCM4PFHPA_00008

P: 3/9/17 SKJ

WELLINGTON LABORATORIES

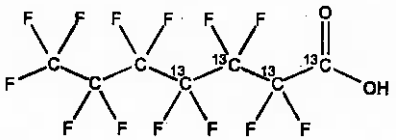
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: M4PFHpA
COMPOUND: Perfluoro-n-[1,2,3,4-$^{13}C_4$]heptanoic acid

LOT NUMBER: M4PFHpA0516

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA: $^{13}C_4{}^{12}C_3HF_{13}O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 368.03
SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 05/27/2016
EXPIRY DATE: (mm/dd/yyyy) 05/27/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

ISOTOPIC PURITY: ≥99% ^{13}C (1,2,3,4-$^{13}C_4$)

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 07/05/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

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HOMOGENEITY:

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UNCERTAINTY:

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CALA

ANAB ACCREDITED

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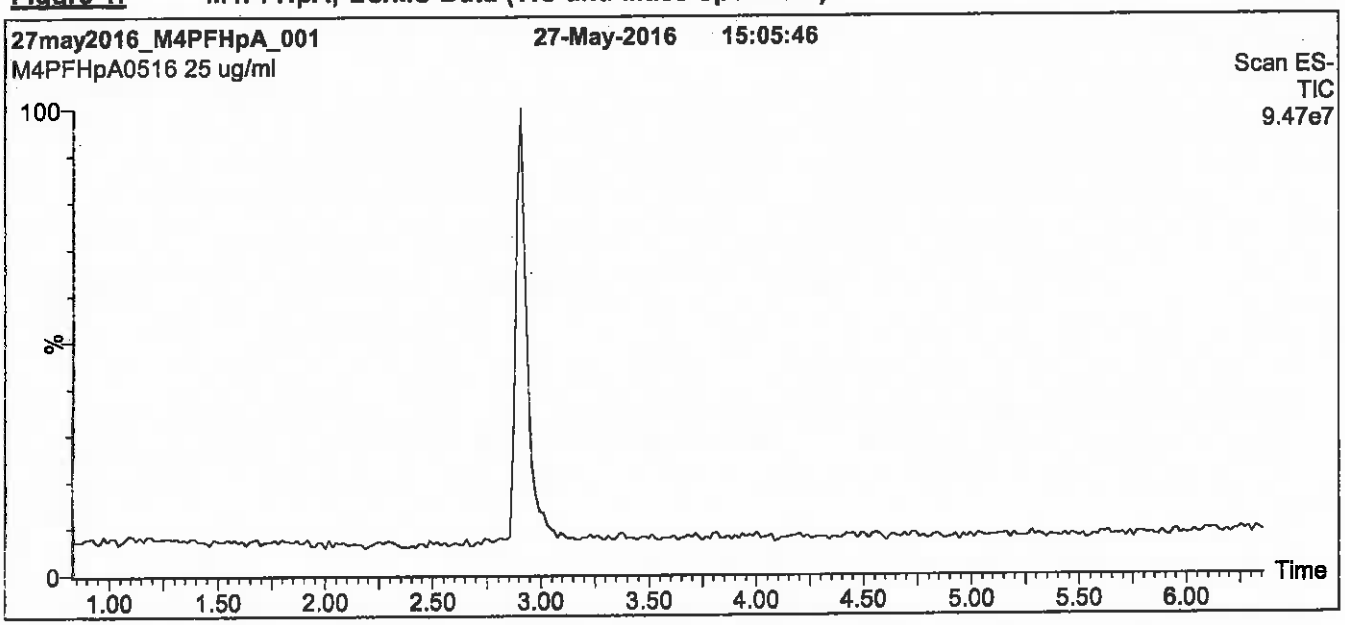
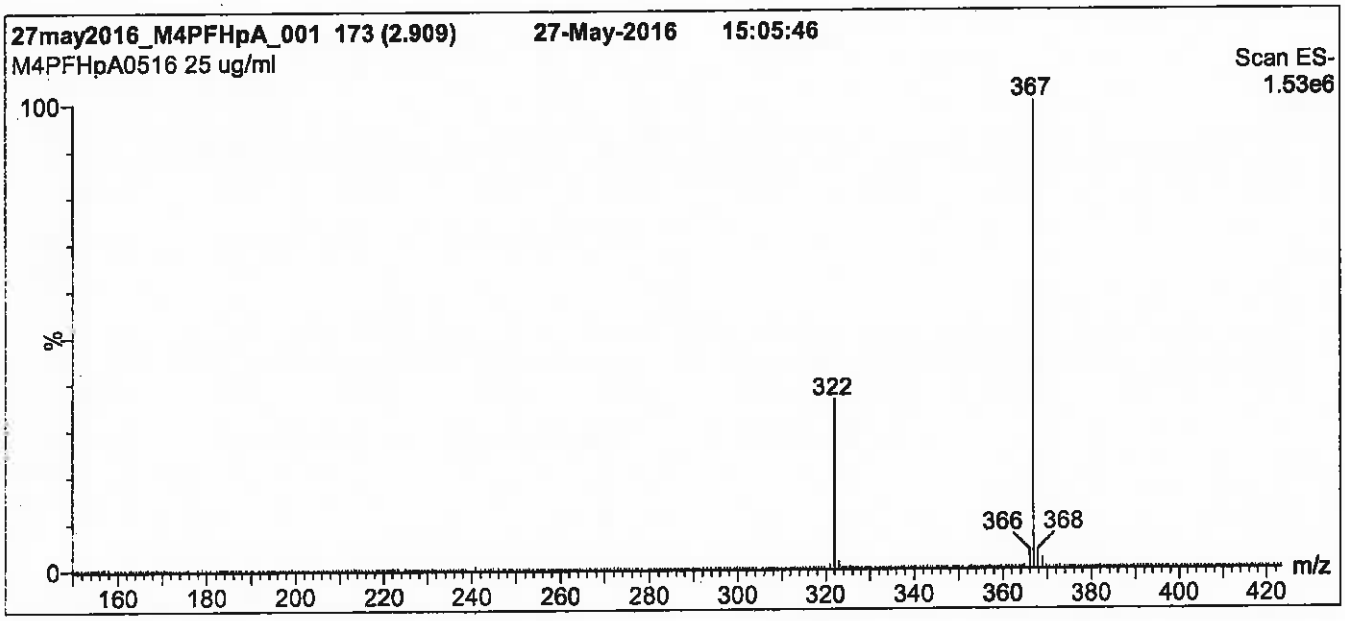




Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7.5 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

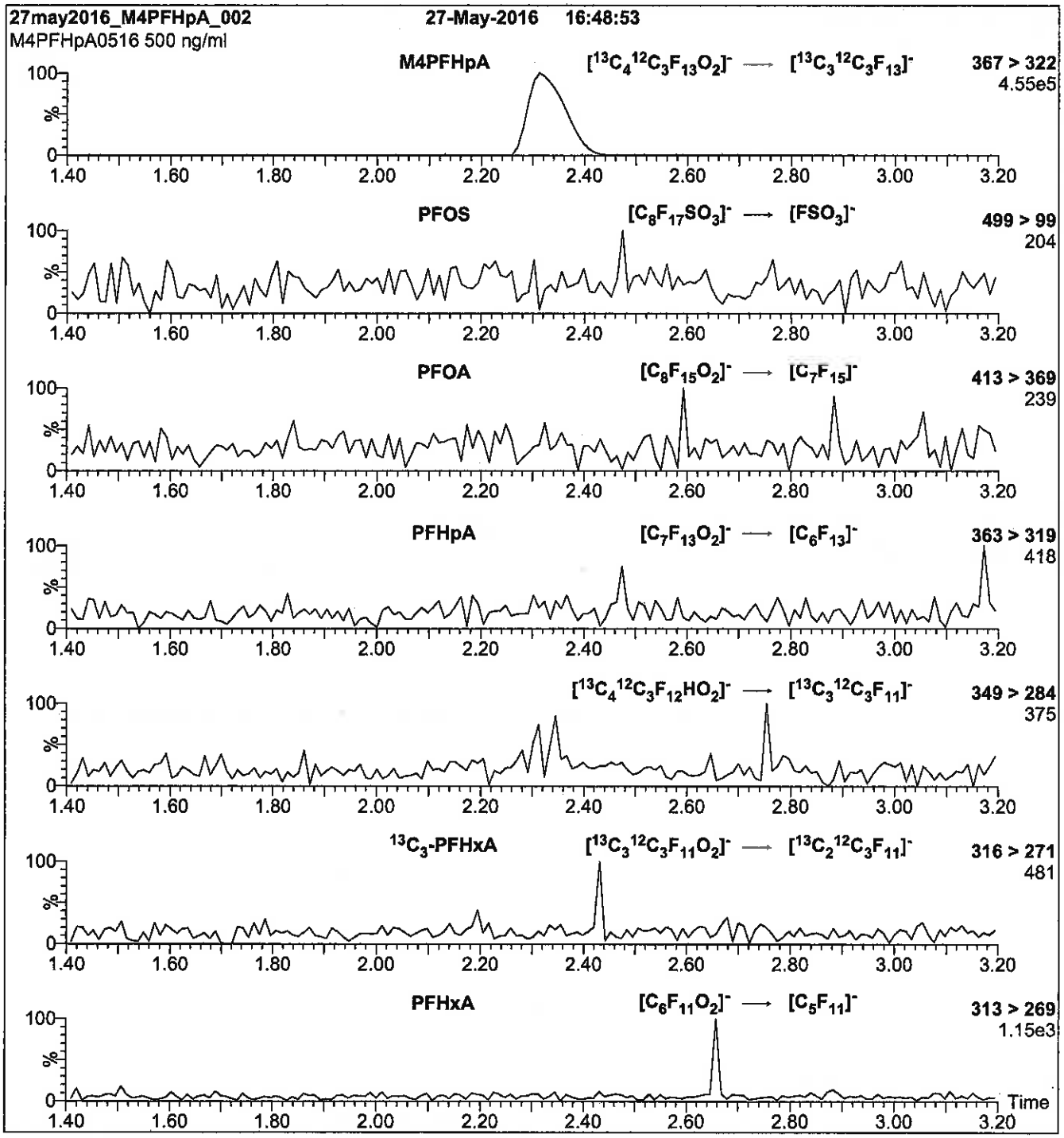
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **M4PFHpA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml M4PFHpA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.35e-3
Collision Energy (eV) = 11

Reagent

LCM5PFPEA_00008

R: SBC 9/22/16

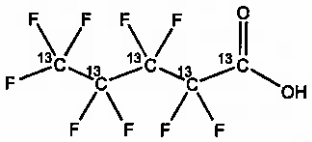
739590
ID: LCM5PFPEA_00008
Exp: 05/22/20 Prpd: SBC
13C5-Perfluoropentanoic a

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

Scanned 10/14/16 SR

PRODUCT CODE:	M5PFPeA	**LOT NUMBER:**	M5PFPeA0515
COMPOUND:	Perfluoro-n-[$^{13}C_5$]pentanoic acid		
STRUCTURE:		**CAS #:**	Not available



MOLECULAR FORMULA:	$^{13}C_5HF_9O_2$	**MOLECULAR WEIGHT:**	269.01
CONCENTRATION:	50 ± 2.5 µg/ml	**SOLVENT(S):**	Methanol Water (<1%)
CHEMICAL PURITY:	>98%	**ISOTOPIC PURITY:**	≥99% ^{13}C ($^{13}C_5$)
LAST TESTED: (mm/dd/yyyy)	05/22/2015		
EXPIRY DATE: (mm/dd/yyyy)	05/22/2020		
RECOMMENDED STORAGE:	Store ampoule in a cool, dark place		

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains < 0.1% of perfluoro-n-pentanoic acid.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 05/25/2015 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

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HAZARDS:

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Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS, LC/MS/MS and/or SFC/UV/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

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CALA

ANAB ACCREDITED ISO GUIDE 34 REFERENCE MATERIAL PRODUCER

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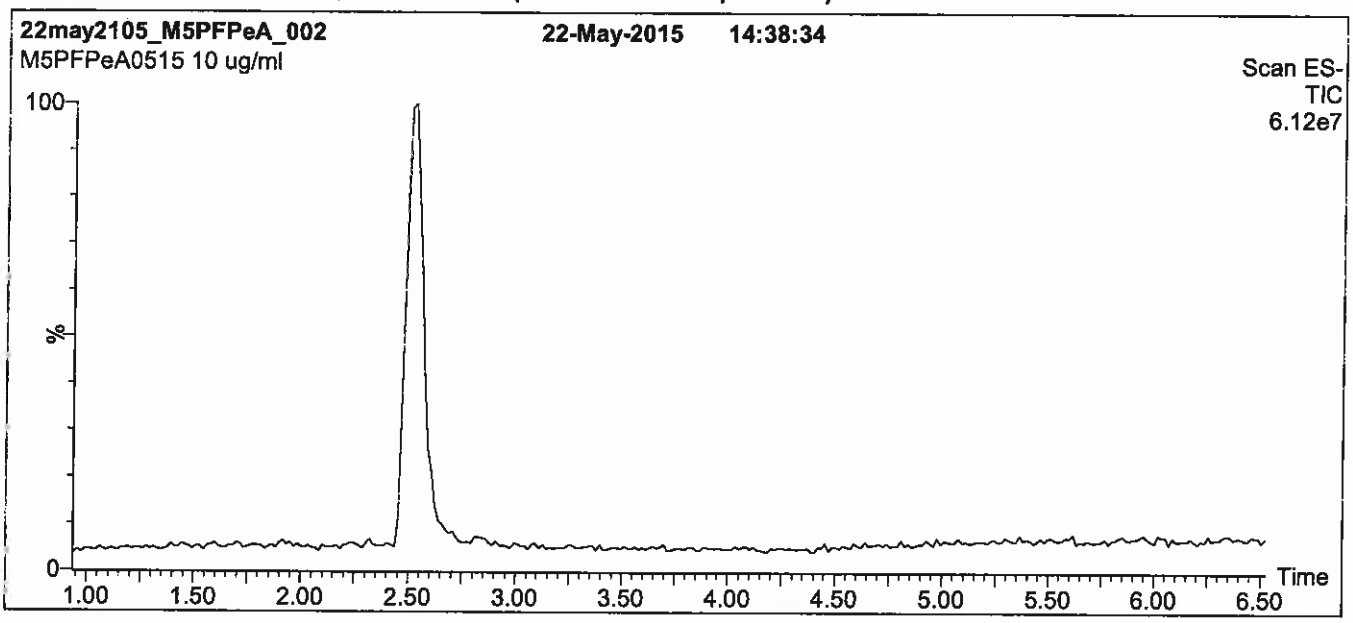
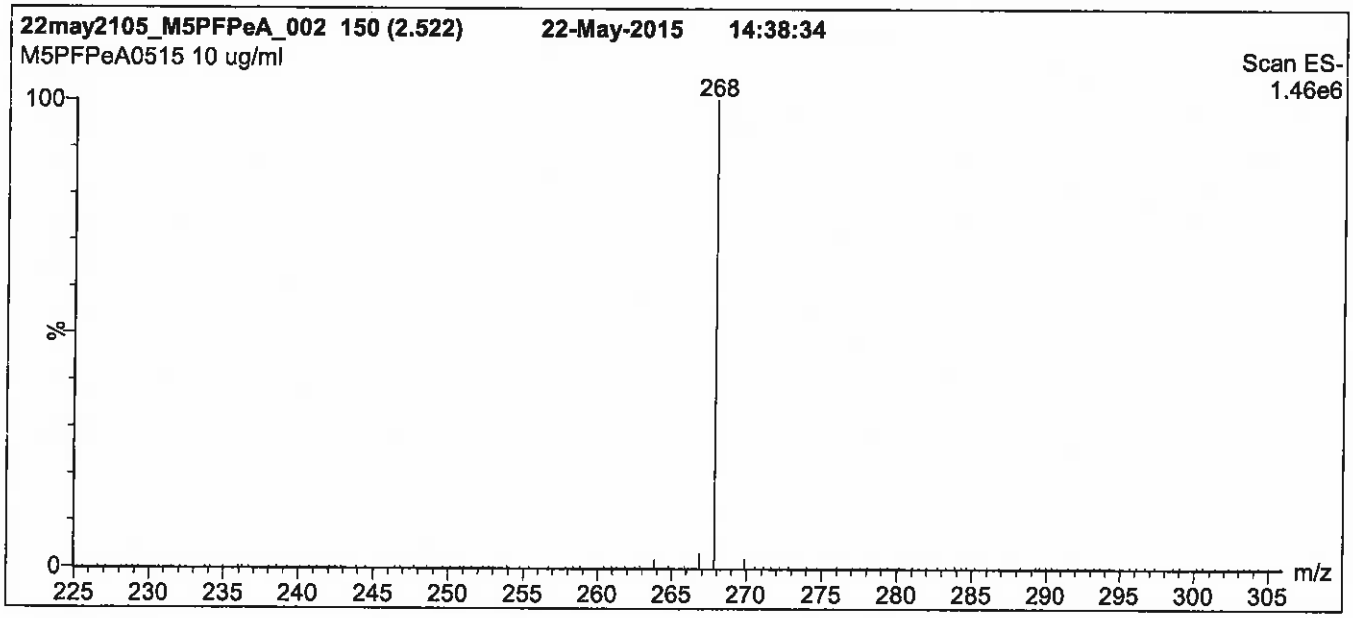
Figure 1: **M5PFPeA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 40% (80:20 MeOH:ACN) / 60% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for
1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

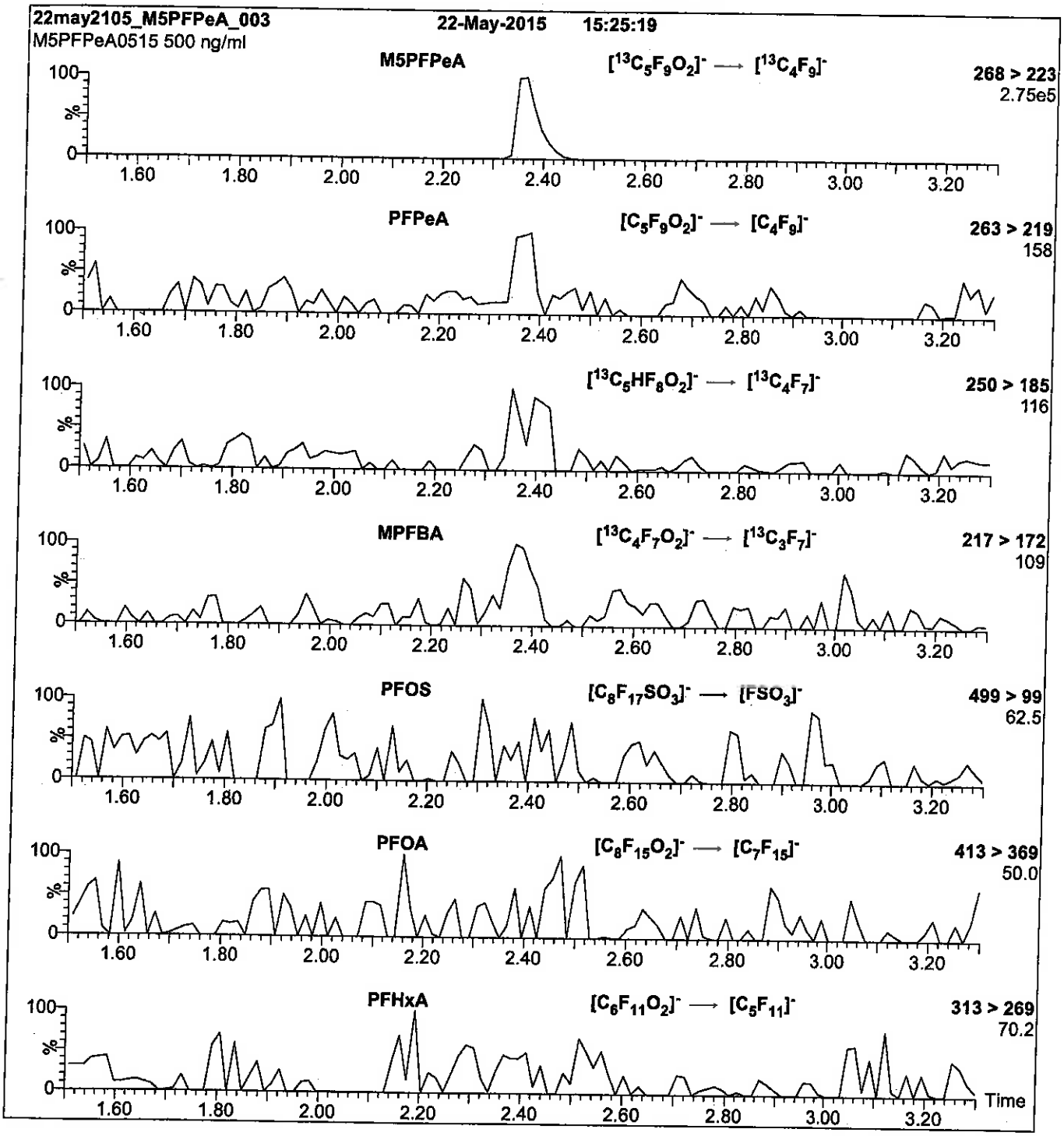
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 750

Figure 2: **M5PFPeA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml M5PFPeA)
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)
Flow:	300 µl/min

MS Parameters

Collision Gas (mbar) = 3.35e-3
Collision Energy (eV) = 9

Reagent

LCM5PFPEA_00009

r: 3/9/17 SKV

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

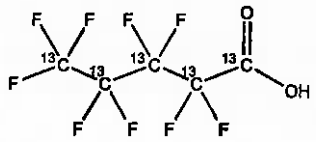
PRODUCT CODE: M5PFPeA

LOT NUMBER: M5PFPeA1116

COMPOUND: Perfluoro-n-[$^{13}C_5$]pentanoic acid

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA: $^{13}C_5HF_9O_2$

MOLECULAR WEIGHT: 269.01

CONCENTRATION: 50 ± 2.5 µg/ml

SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%

ISOTOPIC PURITY: ≥99% ^{13}C ($^{13}C_5$)

LAST TESTED: (mm/dd/yyyy) 11/22/2016

EXPIRY DATE: (mm/dd/yyyy) 11/22/2021

RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

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Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

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- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
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FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 12/09/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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CALA

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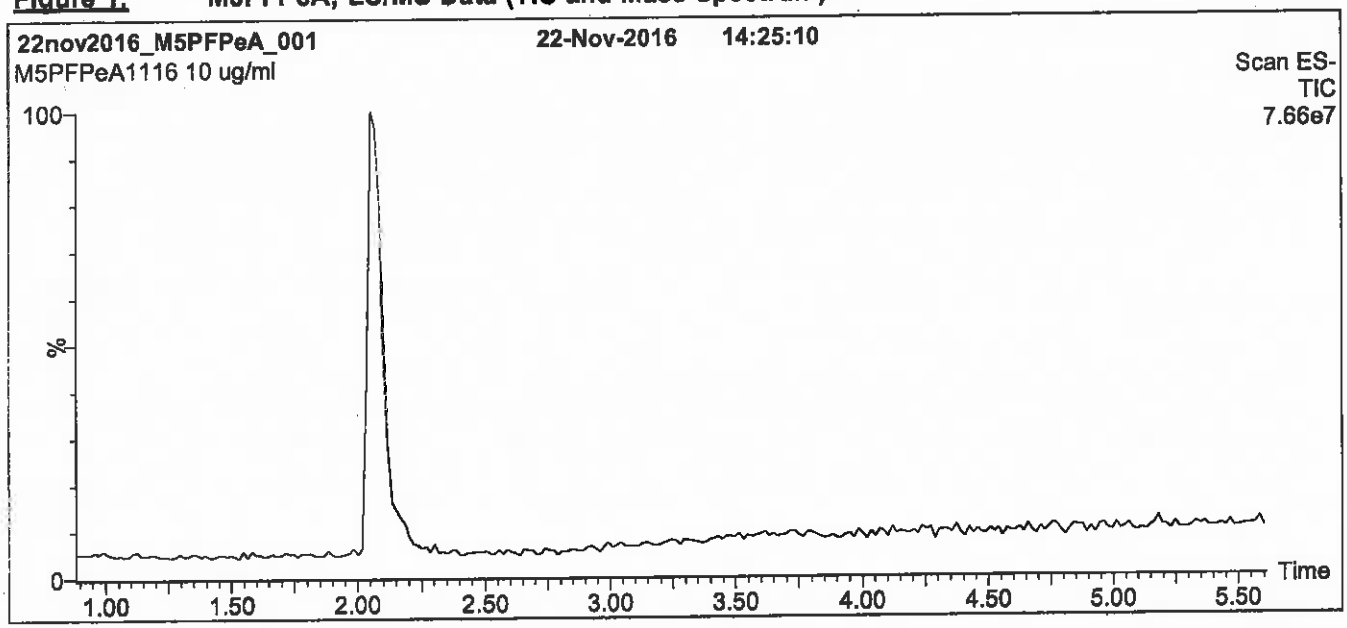
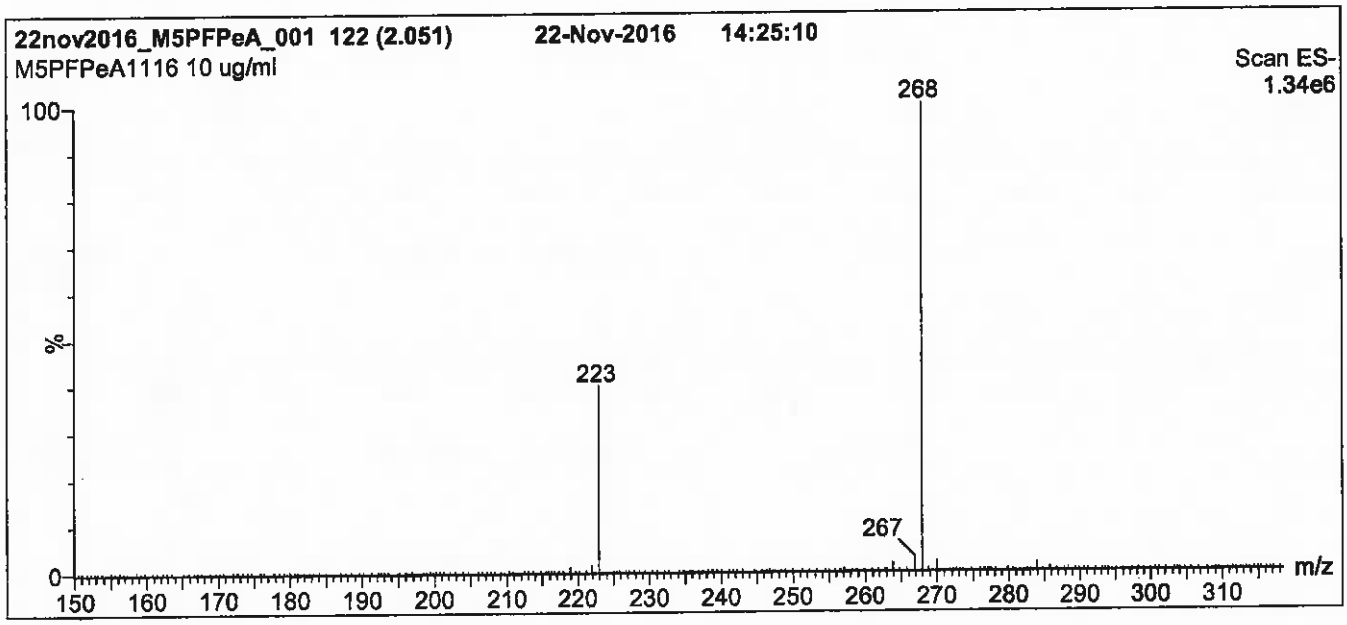
Figure 1: **M5PFPeA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 40% (80:20 MeOH:ACN) / 60% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for
2 min before returning to initial conditions in 0.5 min.
Time: 10 min

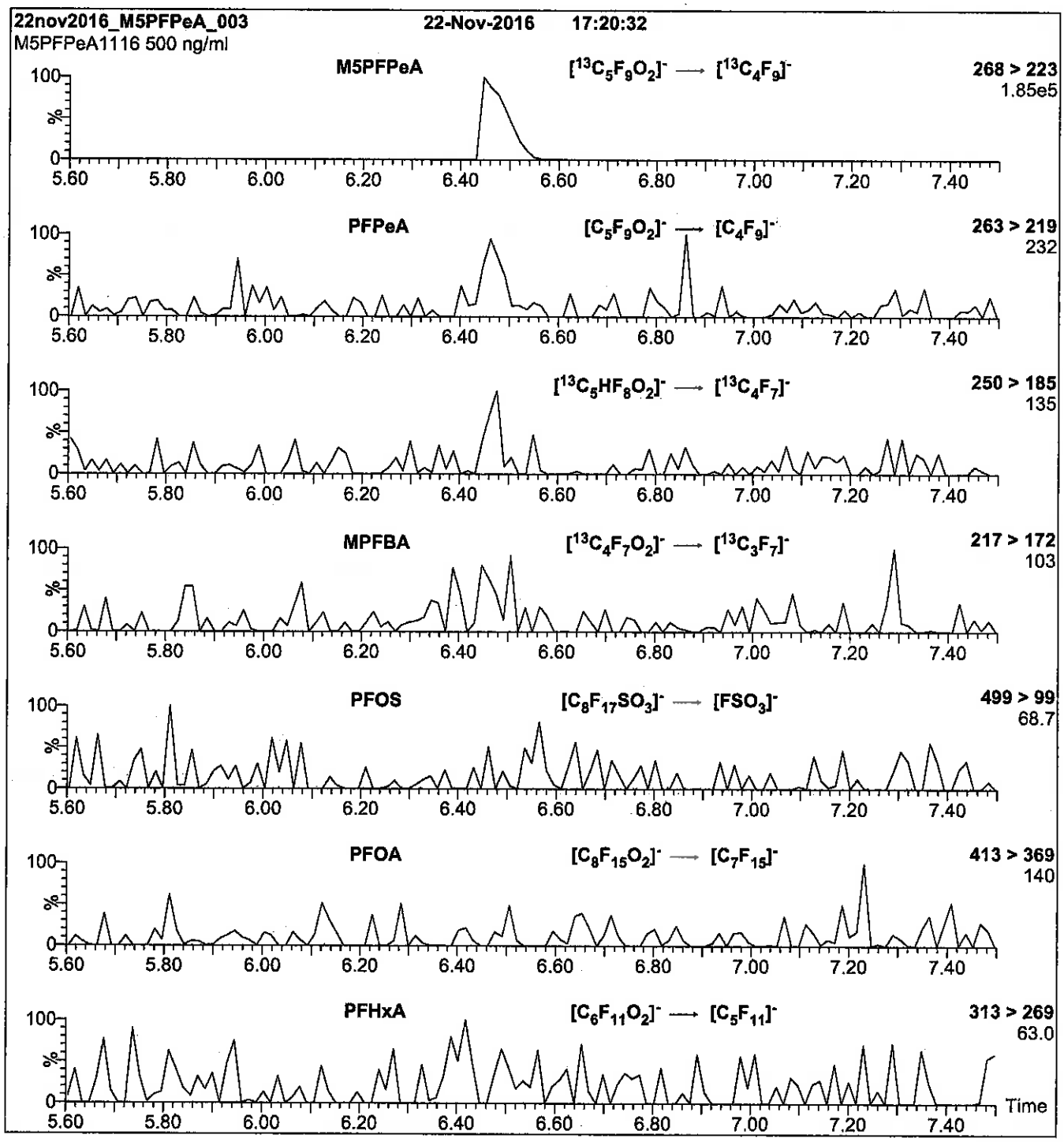
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 750

Figure 2: **M5PFPeA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml M5PFPeA)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.46e-3 Collision Energy (eV) = 9
Flow:	300 µl/min	

Reagent

LCM8FOSA_00011

R: SBC 9/22/16
Scanned 10/14/16

739615
ID: LCM8FOSA_00011
Exp: 12/22/17 Prpd: SBC
13C8-Perfluorooctanesulfo

WELLINGTON LABORATORIES

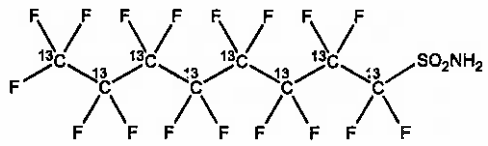
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: M8FOSA-I
COMPOUND: Perfluoro-1-[$^{13}C_8$]octanesulfonamide

LOT NUMBER: M8FOSA1215I

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA:	$^{13}C_8H_2F_{17}NO_2S$	**MOLECULAR WEIGHT:**	507.09
CONCENTRATION:	50 ± 2.5 µg/ml	**SOLVENT(S):**	Isopropanol
CHEMICAL PURITY:	>98%	**ISOTOPIC PURITY:**	≥99% ^{13}C ($^{13}C_8$)
LAST TESTED: (mm/dd/yyyy)	12/22/2015		
EXPIRY DATE: (mm/dd/yyyy)	12/22/2017		
RECOMMENDED STORAGE:	Refrigerate ampoule		

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 01/14/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

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The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

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LIMITED WARRANTY:

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QUALITY MANAGEMENT:

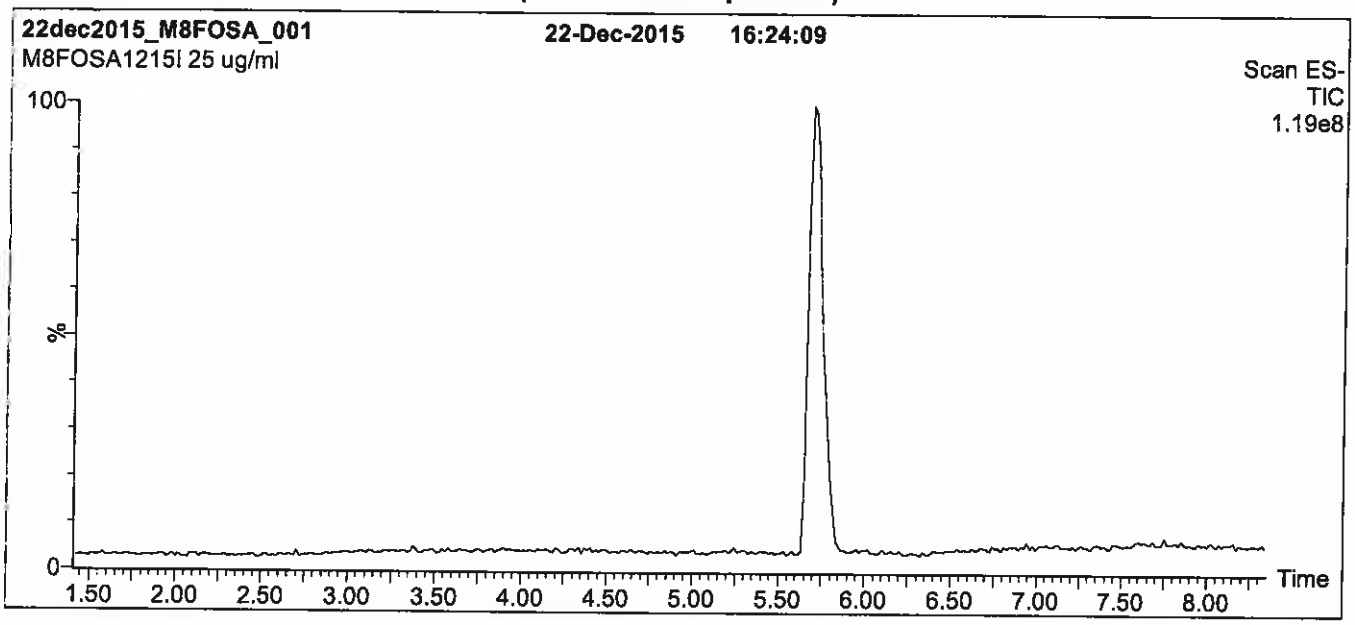
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

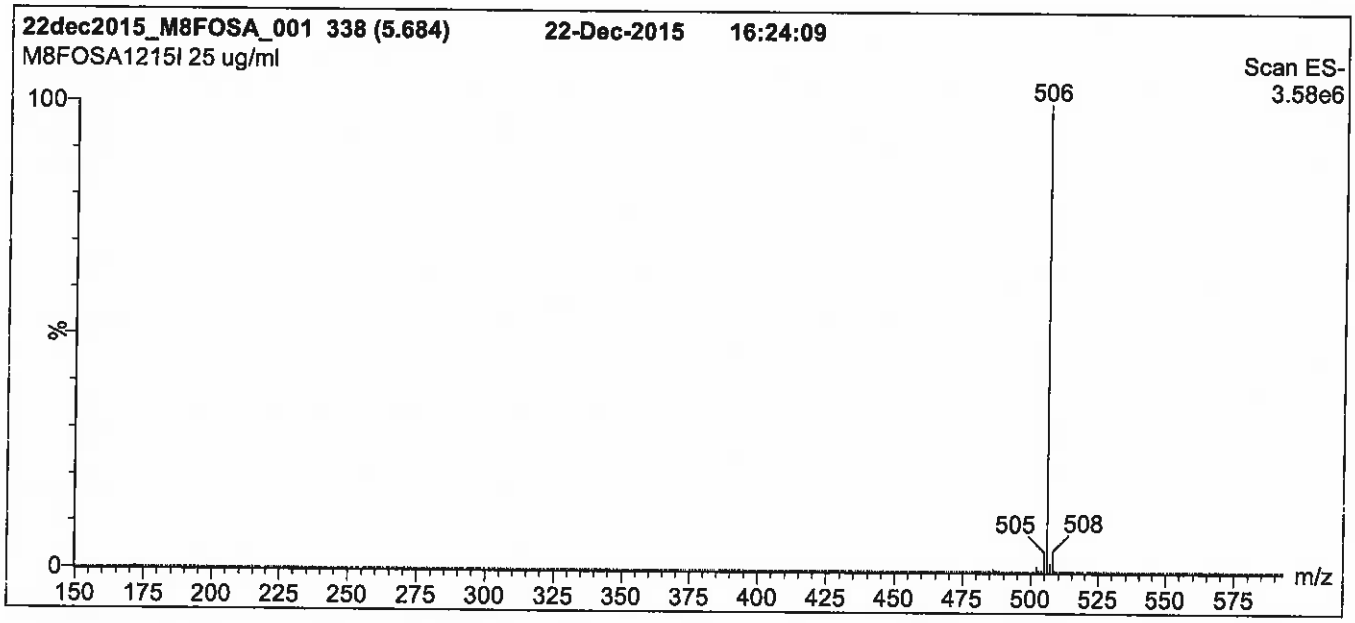
CALA

ANAB ACCREDITED

For additional information or assistance concerning this or any other products from Wellington Laboratories Inc., please visit our website at www.well-labs.com or contact us directly at info@well-labs.com

Figure 1: **M8FOSA-I; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 2 min
before returning to initial conditions in 0.5 min.
Time: 10 min

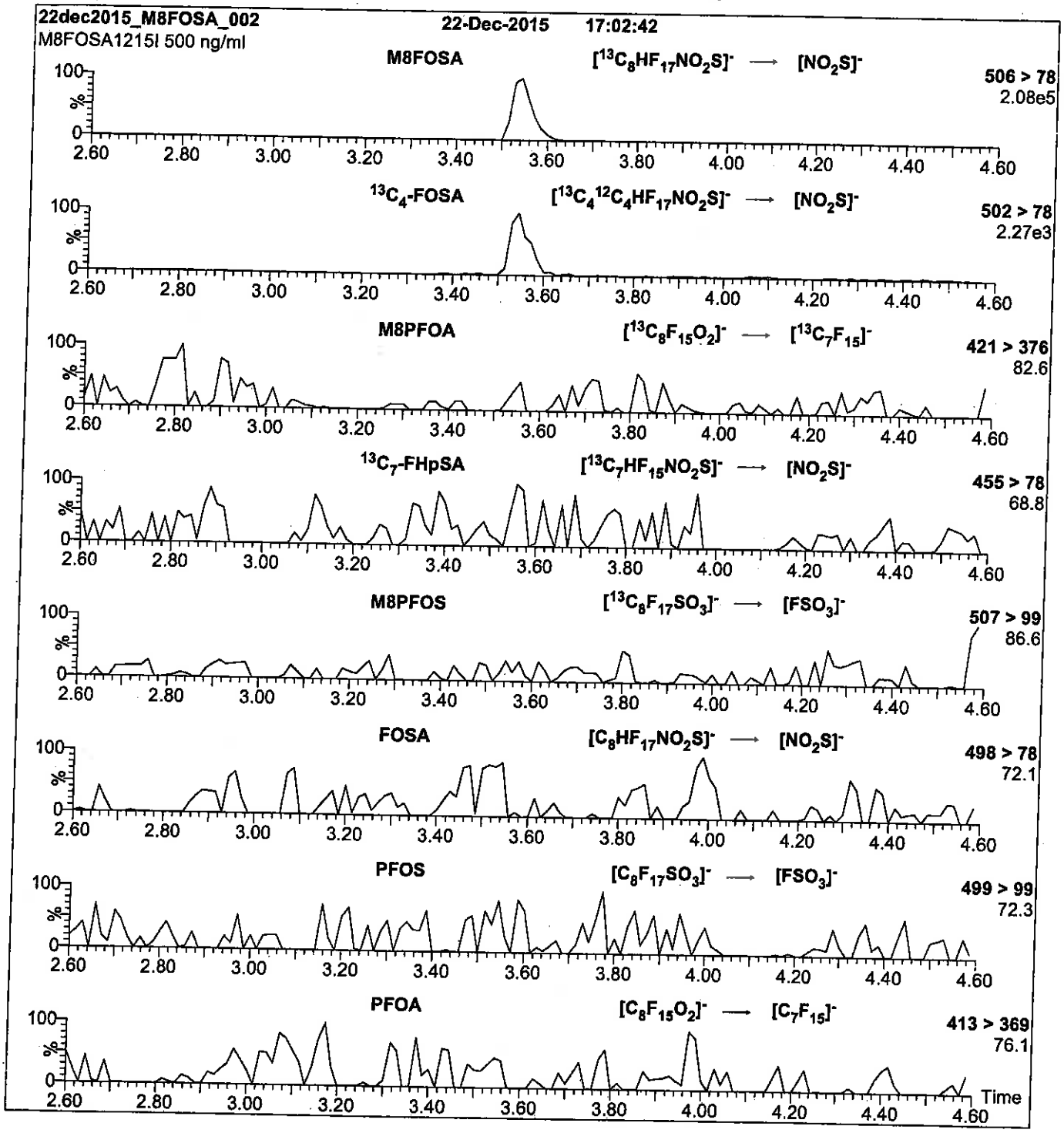
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.50
Cone Voltage (V) = 40.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **M8FOSA-I; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml M8FOSA-I)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.39e-3 Collision Energy (eV) = 30
Flow:	300 µl/min	

Reagent

LCM8FOSA_00012

R: 3/9/17 SKV

WELLINGTON LABORATORIES

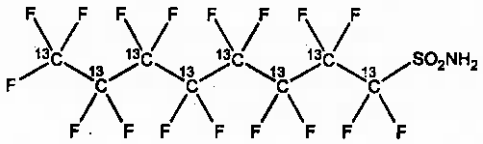
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: M8FOSA-I
COMPOUND: Perfluoro-1-[$^{13}C_8$]octanesulfonamide

LOT NUMBER: M8FOSA1215I

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA:	$^{13}C_8H_2F_{17}NO_2S$	**MOLECULAR WEIGHT:**	507.09
CONCENTRATION:	50 ± 2.5 µg/ml	**SOLVENT(S):**	Isopropanol
CHEMICAL PURITY:	>98%	**ISOTOPIC PURITY:**	≥99% ^{13}C ($^{13}C_8$)
LAST TESTED: (mm/dd/yyyy)	12/22/2015		
EXPIRY DATE: (mm/dd/yyyy)	12/22/2020		
RECOMMENDED STORAGE:	Refrigerate ampoule		

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 12/13/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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QUALITY MANAGEMENT:

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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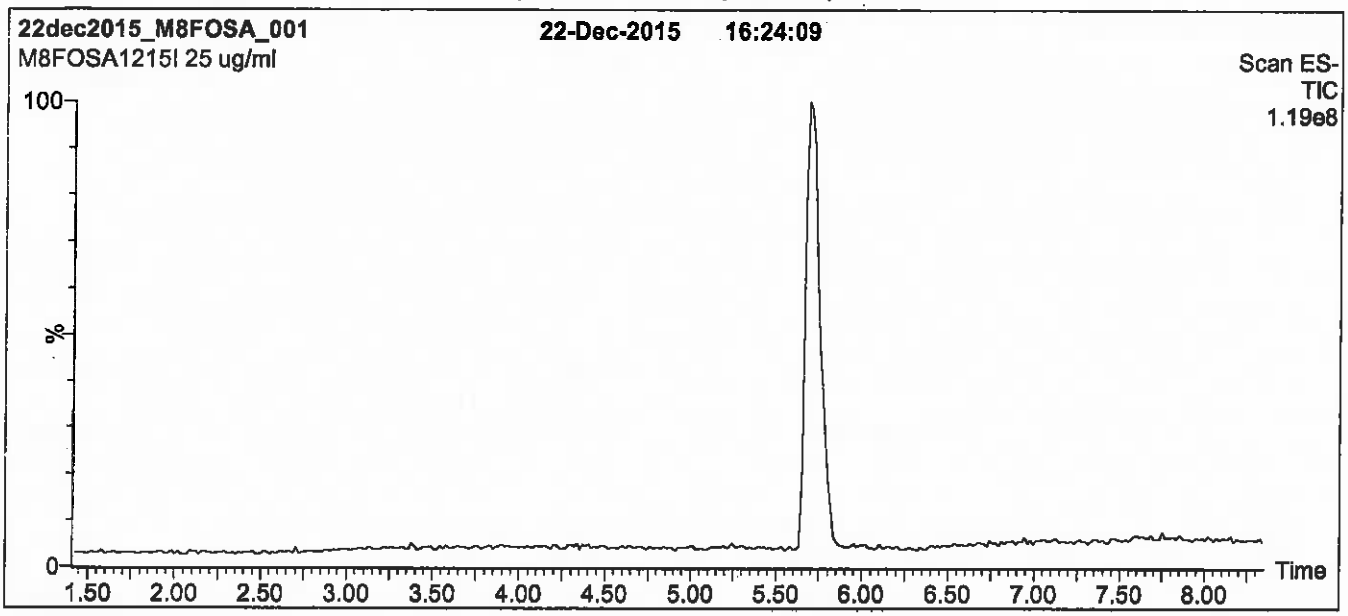
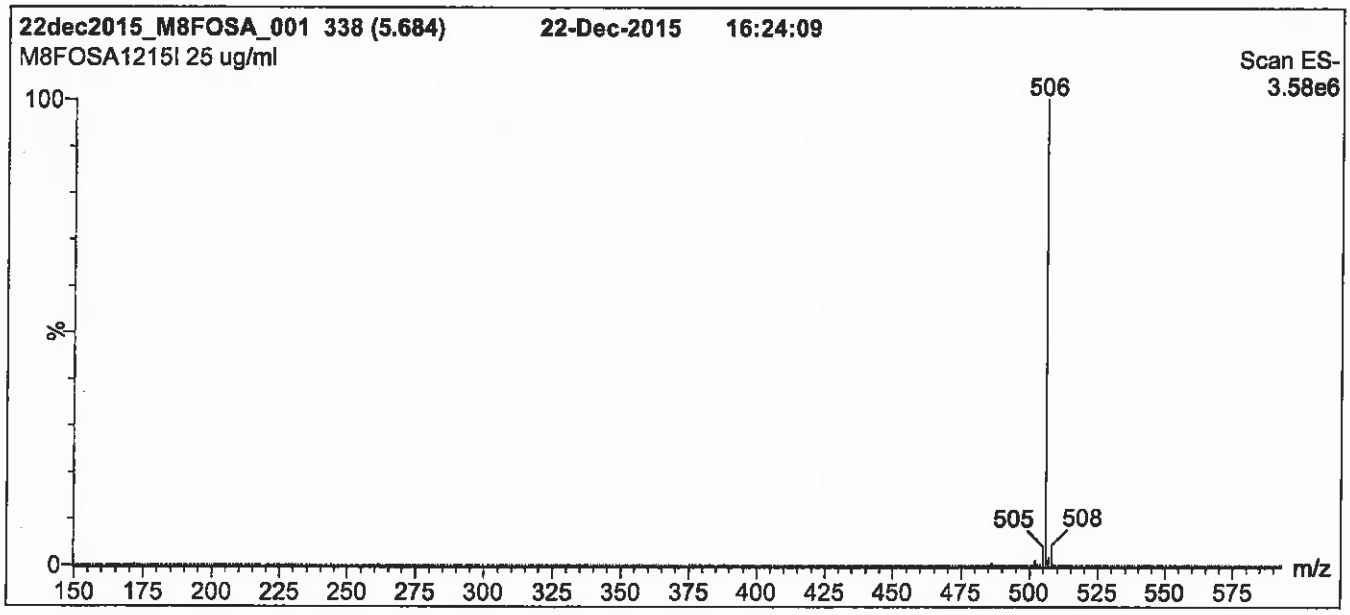
Figure 1: **M8FOSA-I; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 2 min
before returning to initial conditions in 0.5 min.
Time: 10 min

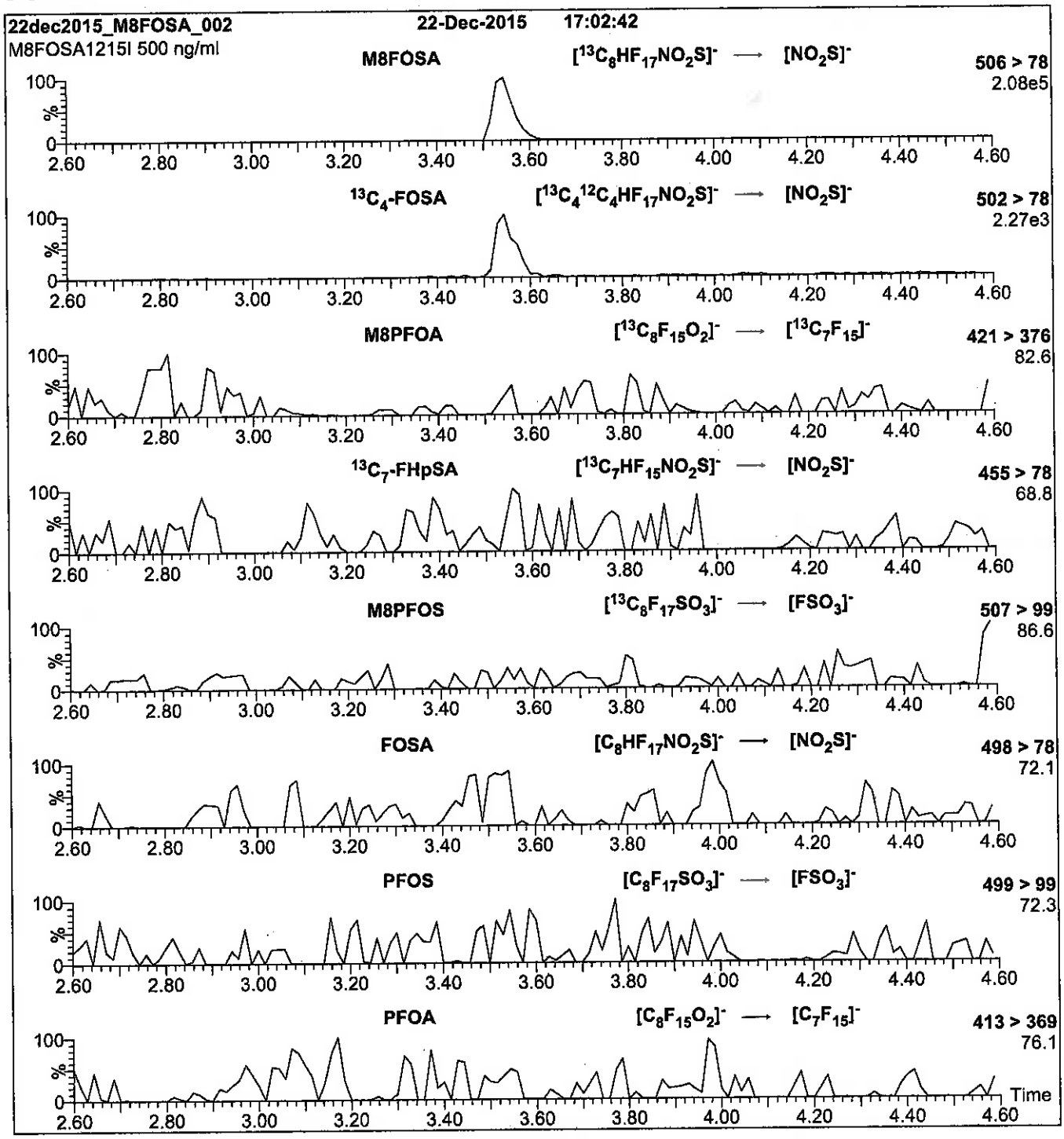
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.50
Cone Voltage (V) = 40.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **M8FOSA-I; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml M8FOSA-I)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.39e-3
Collision Energy (eV) = 30

Reagent

LCMPFBA_00008

R: SBC 9/22/16

739593
ID: LCMPFBA_00008
Exp: 05/24/21 Prpd: SBC
13C4-Perfluorobutanoic ac

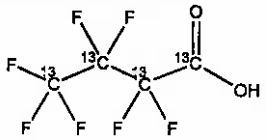
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

Scanned 10/14/16 SR

PRODUCT CODE: MPFBA
LOT NUMBER: MPFBA0516
COMPOUND: Perfluoro-n-[1,2,3,4-$^{13}C_4$]butanoic acid

STRUCTURE:
CAS #: Not available



MOLECULAR FORMULA: $^{13}C_4HF_7O_2$
MOLECULAR WEIGHT: 218.01
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol, Water (<1%)
CHEMICAL PURITY: >98%
ISOTOPIC PURITY: ≥99% ^{13}C (1,2,3,4-$^{13}C_4$)
LAST TESTED: (mm/dd/yyyy) 05/24/2016
EXPIRY DATE: (mm/dd/yyyy) 05/24/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 05/30/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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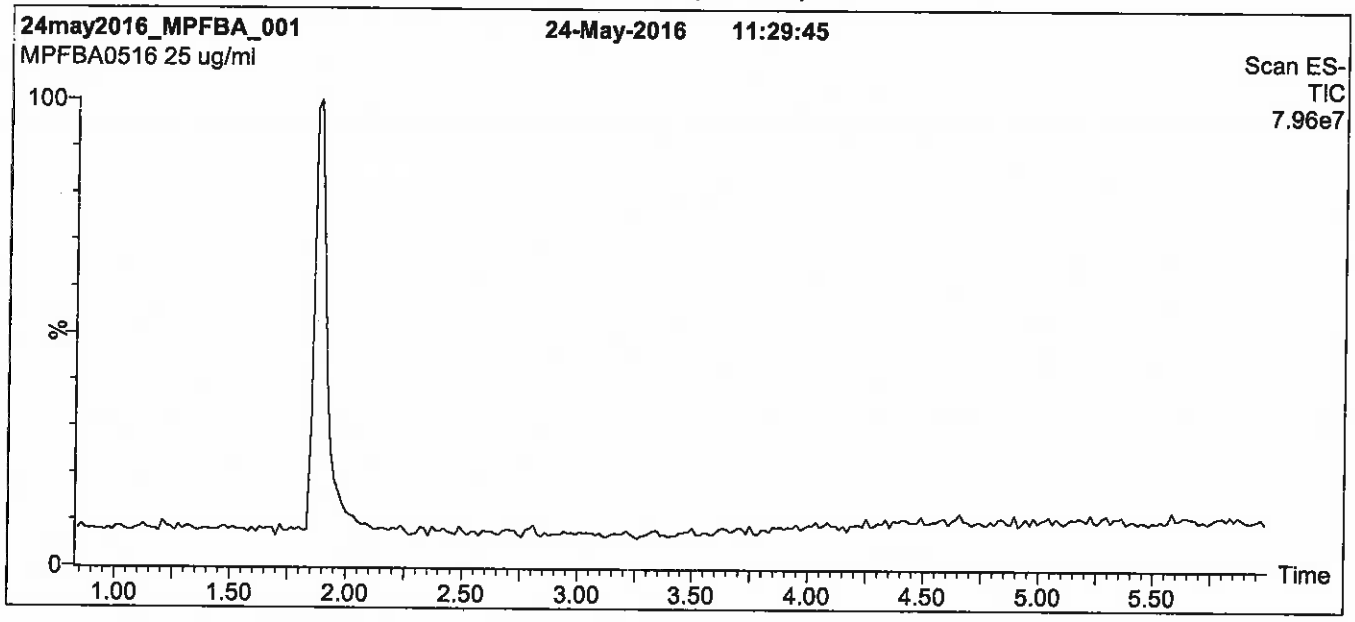
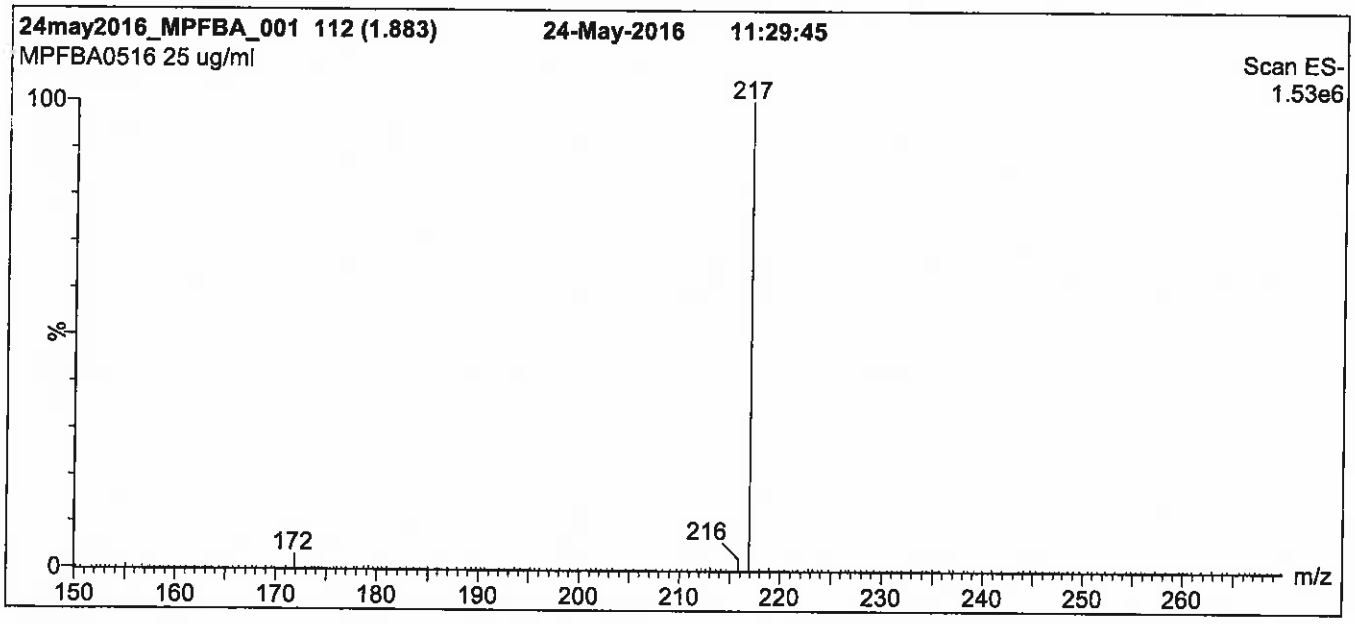
Figure 1: **MPFBA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 30% (80:20 MeOH:ACN) / 70% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min

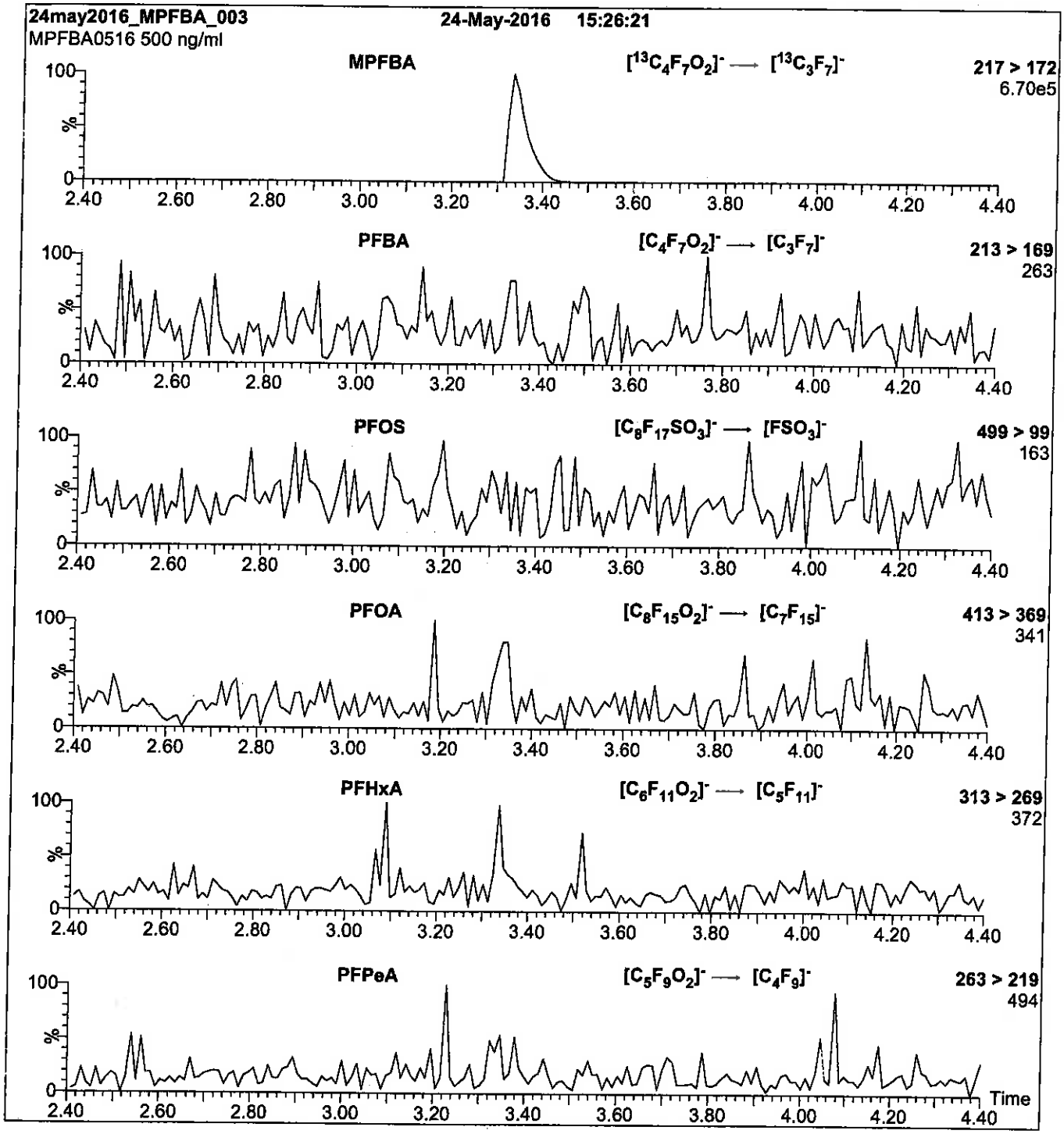
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 10.00
Cone Gas Flow (l/hr) = 100
Desolvation Gas Flow (l/hr) = 750

Figure 2: **MPFBA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop Injection 10 µl (500 ng/ml MPFBA)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.50e-3 Collision Energy (eV) = 10
Flow:	300 µl/min	

Reagent

LCMPFBA_00009

P: 3/9/17 SKV

WELLINGTON LABORATORIES

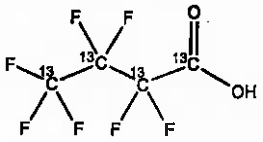
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: MPFBA
COMPOUND: Perfluoro-n-[1,2,3,4-$^{13}C_4$]butanoic acid

LOT NUMBER: MPFBA0516

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA: $^{13}C_4HF_7O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 05/24/2016
EXPIRY DATE: (mm/dd/yyyy) 05/24/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

MOLECULAR WEIGHT: 218.01
SOLVENT(S): Methanol
Water (<1%)

ISOTOPIC PURITY: ≥99% ^{13}C (1,2,3,4-$^{13}C_4$)

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 05/30/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

Where possible, all of our products are synthesized using single-product unambiguous routes. They are then characterized, and their structures and purities confirmed, using a combination of the most relevant techniques, such as NMR, GC/MS, LC/MS/MS, SFC/UV/MS/MS, x-ray crystallography, and melting point. Isotopic purities of mass-labelled compounds are also confirmed using HRGC/HRMS and/or LC/MS/MS.

HOMOGENEITY:

Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS, LC/MS/MS and/or SFC/UV/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

QUALITY MANAGEMENT:

This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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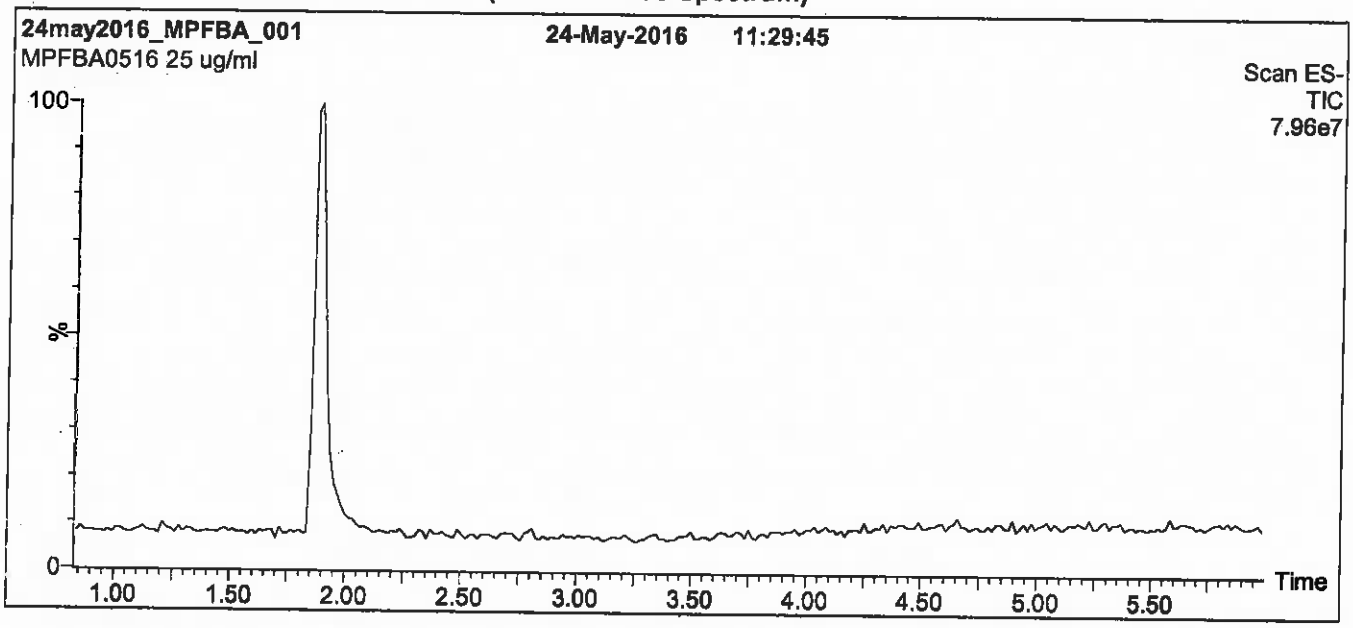
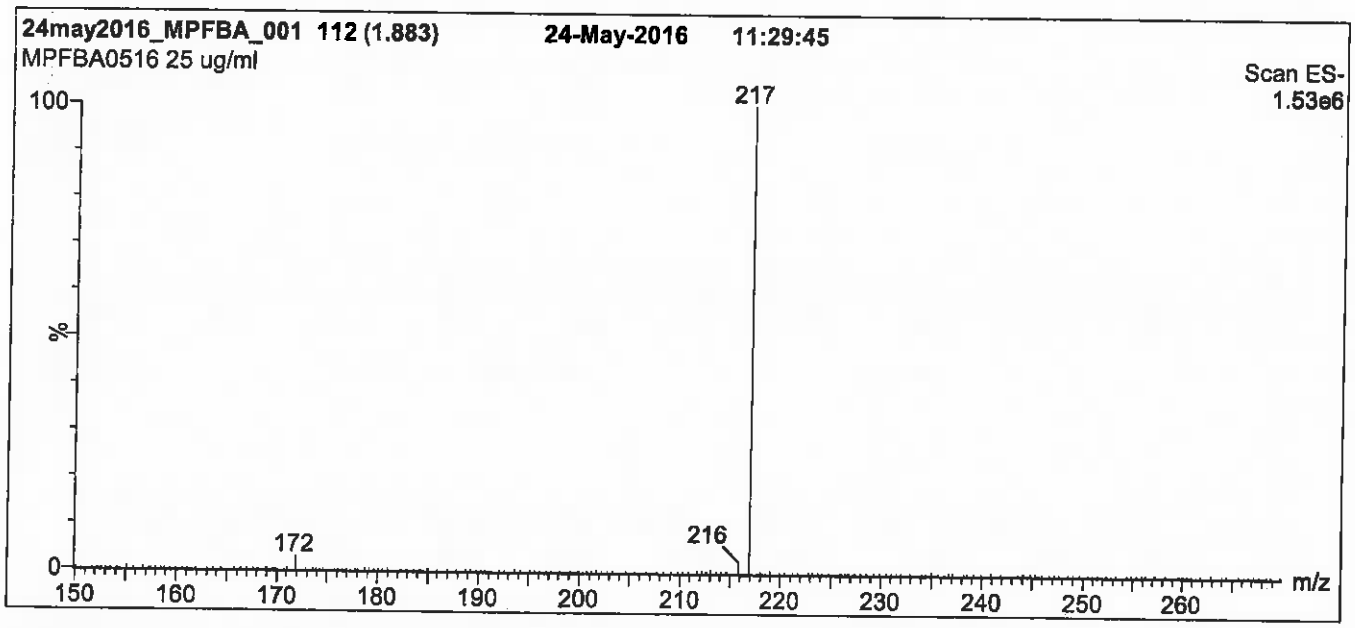
Figure 1: **MPFBA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 30% (80:20 MeOH:ACN) / 70% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min

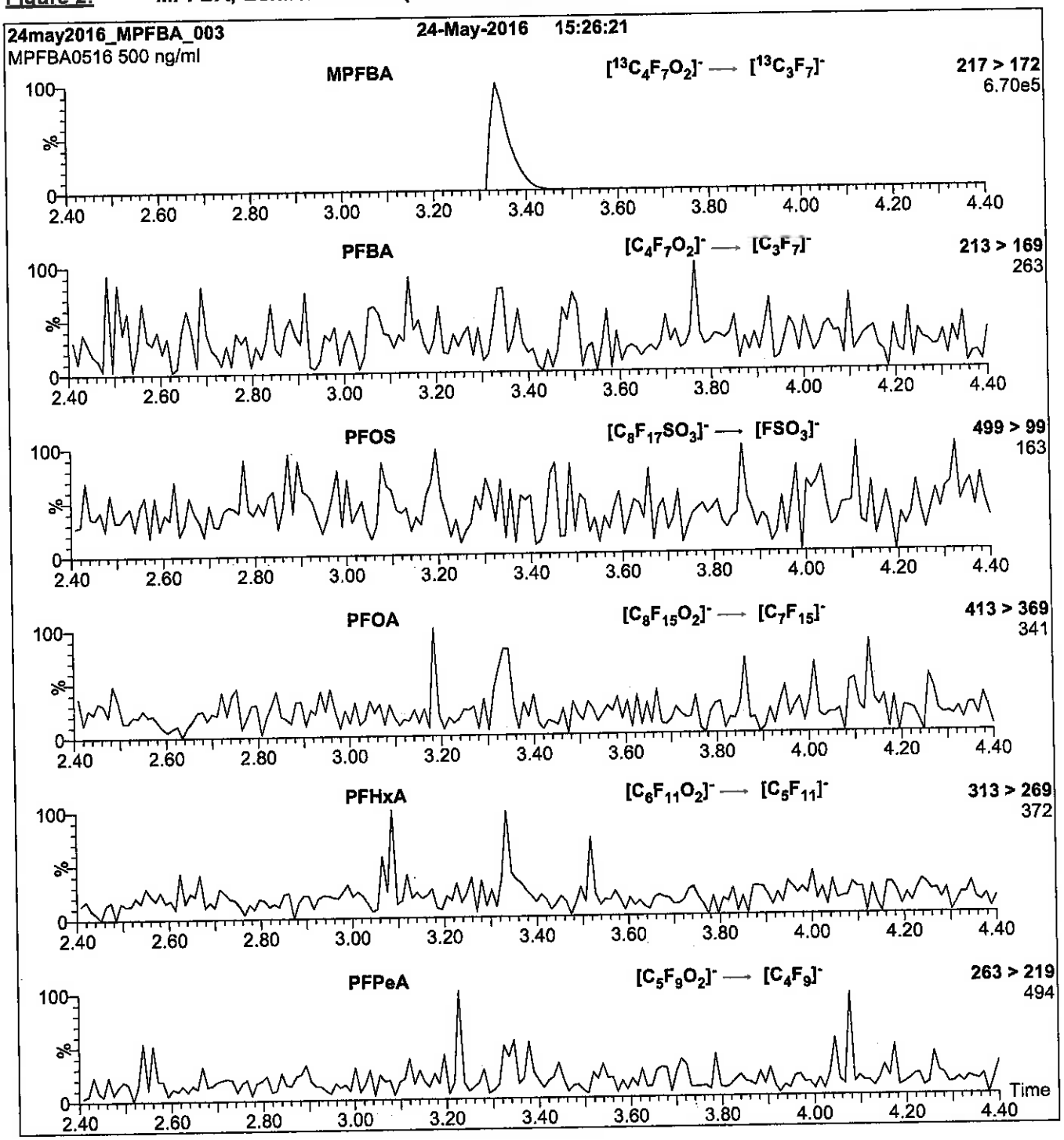
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 10.00
Cone Gas Flow (l/hr) = 100
Desolvation Gas Flow (l/hr) = 750

Figure 2: **MPFBA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml MPFBA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.50e-3
Collision Energy (eV) = 10

Reagent

LCMPFBS_00002

Scanned 10/14/16 SK R: SBC 9/22/16

739640
ID: LCMPFBS_00002
Exp: 08/02/21 Prpd: SBC
13C3-Perfluorobutanesulfo

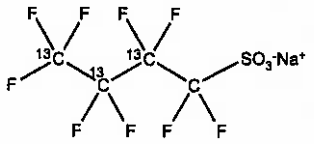
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: M3PFBS **LOT NUMBER:** M3PFBS0815

COMPOUND: Sodium perfluoro-1-[2,3,4-$^{13}C_3$]butanesulfonate

STRUCTURE: **CAS #:** Not available



MOLECULAR FORMULA:	$^{13}C_3{}^{12}CF_9SO_3Na$	**MOLECULAR WEIGHT:**	325.06
CONCENTRATION:	50.0 ± 2.5 µg/ml (Na salt) 46.5 ± 2.3 µg/ml (M3PFBS anion)	**SOLVENT(S):**	Methanol
CHEMICAL PURITY:	>98%	**ISOTOPIC PURITY:**	≥99% ^{13}C (2,3,4-$^{13}C_3$)
LAST TESTED: (mm/dd/yyyy)	08/02/2016		
EXPIRY DATE: (mm/dd/yyyy)	08/02/2021		
RECOMMENDED STORAGE:	Store ampoule in a cool, dark place		

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 08/05/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

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HAZARDS:

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SYNTHESIS / CHARACTERIZATION:

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HOMOGENEITY:

Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS, LC/MS/MS and/or SFC/UV/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

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TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

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QUALITY MANAGEMENT:

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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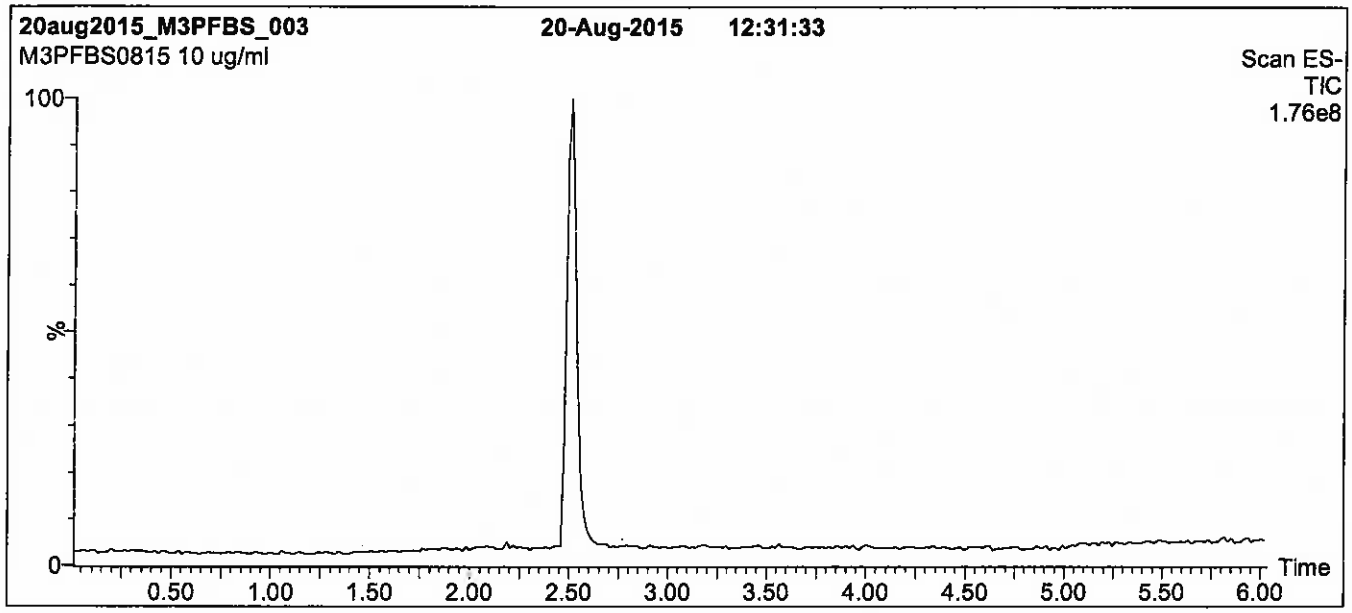
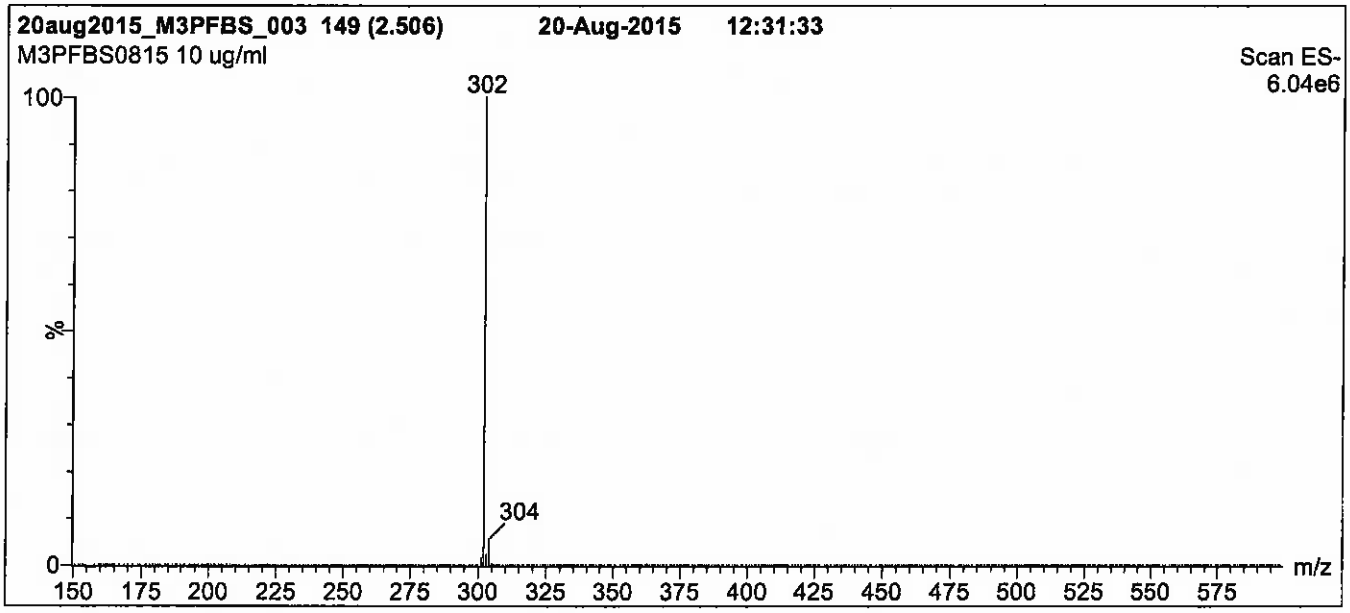
Figure 1: **M3PFBS; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 40% (80:20 MeOH:ACN) / 60% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for
2 min before returning to initial conditions in 0.5 min.
Time: 10 min

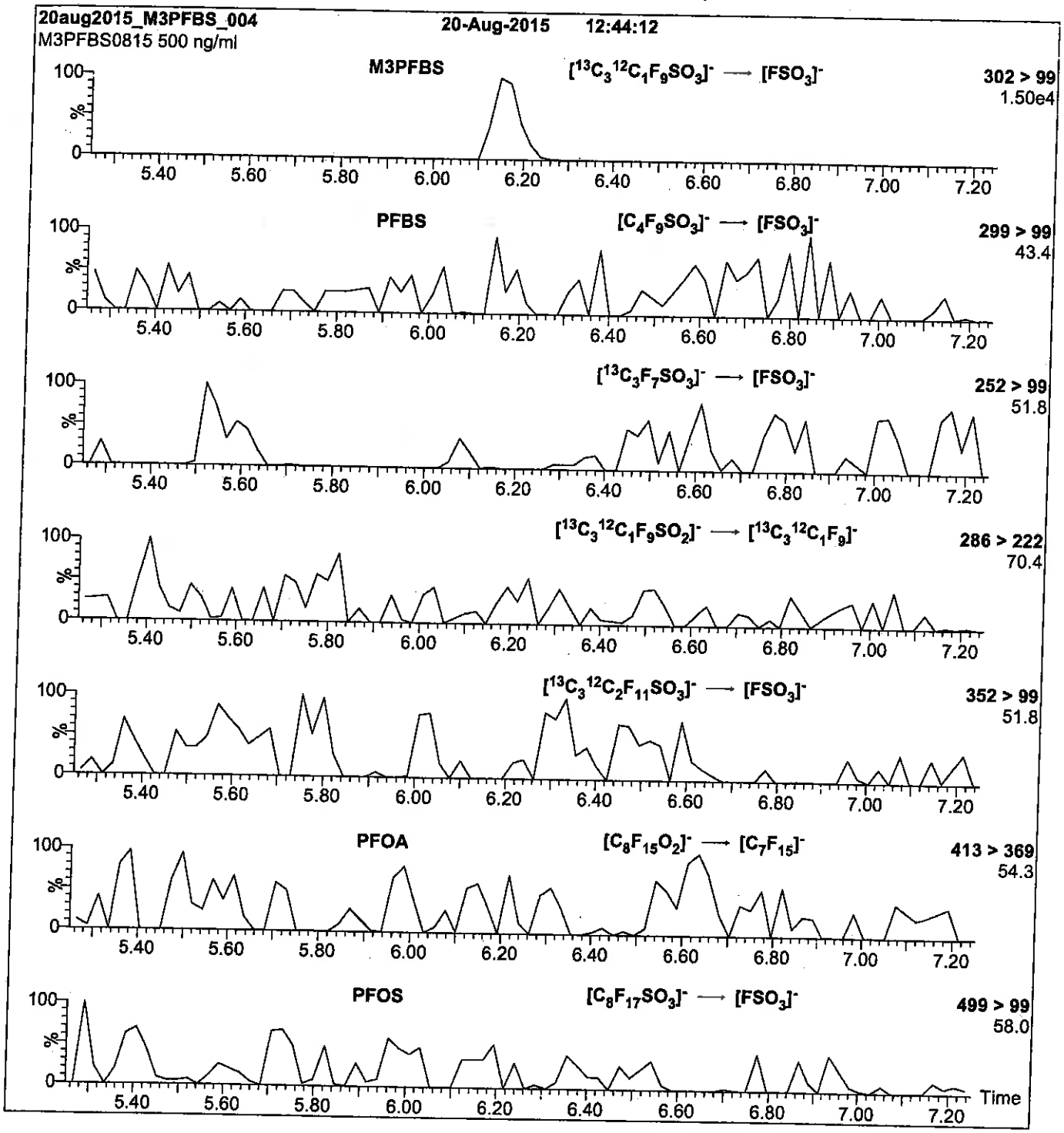
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 40.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **M3PFBS; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml M3PFBS)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.31e-3
Collision Energy (eV) = 25

Reagent

LCMPFDA_00011

Scanned 10/14/16 R: SBC 9/22/16

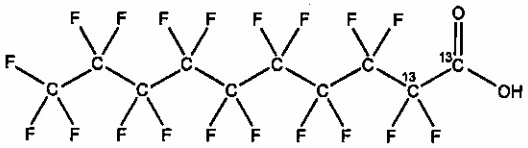
739609
ID: LCMPFDA_00011
Exp: 08/19/20 Prpd: SBC
13C2-Perfluorodecanoic a

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: MPFDA
LOT NUMBER: MPFDA0815
COMPOUND: Perfluoro-n-[1,2-$^{13}C_2$]decanoic acid

STRUCTURE:
CAS #: Not available



MOLECULAR FORMULA: $^{13}C_2{}^{12}C_8HF_{19}O_2$
MOLECULAR WEIGHT: 516.07
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol, Water (<1%)
CHEMICAL PURITY: >98%
ISOTOPIC PURITY: ≥99% ^{13}C (1,2-$^{13}C_2$)
LAST TESTED: (mm/dd/yyyy) 08/19/2015
EXPIRY DATE: (mm/dd/yyyy) 08/19/2020
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains < 0.1% of $^{13}C_1$-PFNA.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 08/21/2015 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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where x is expressed as a relative standard uncertainty of the individual parameter.

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CALA Testing Accreditation Inc. A1226

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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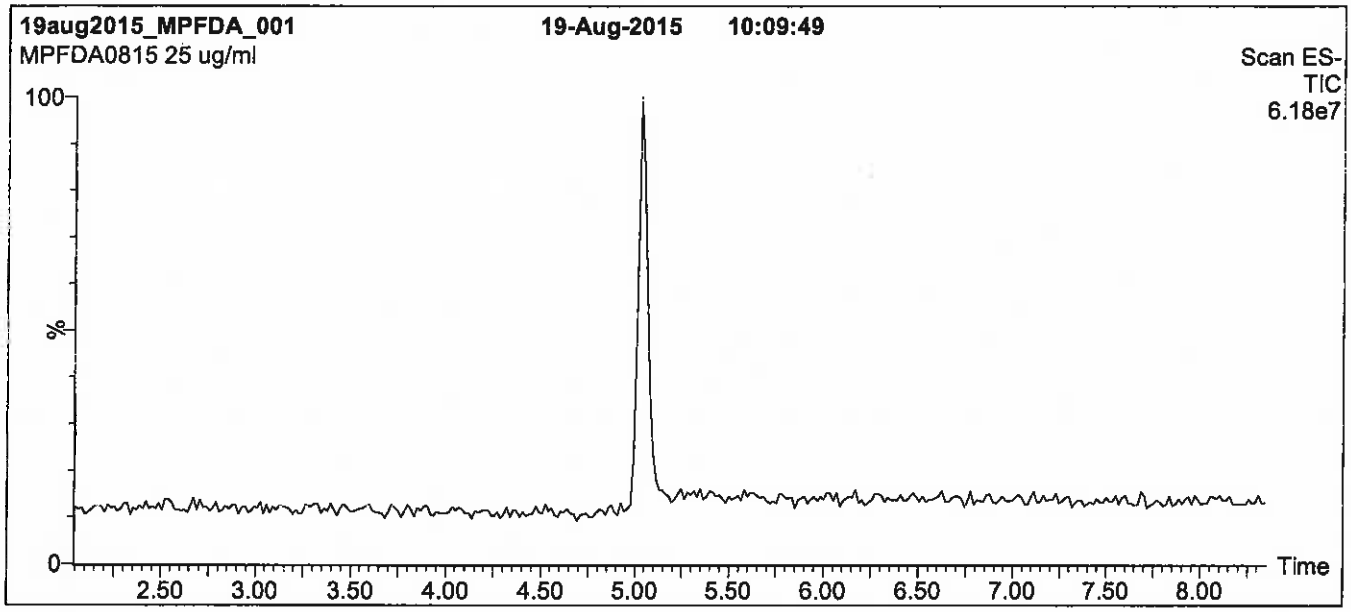
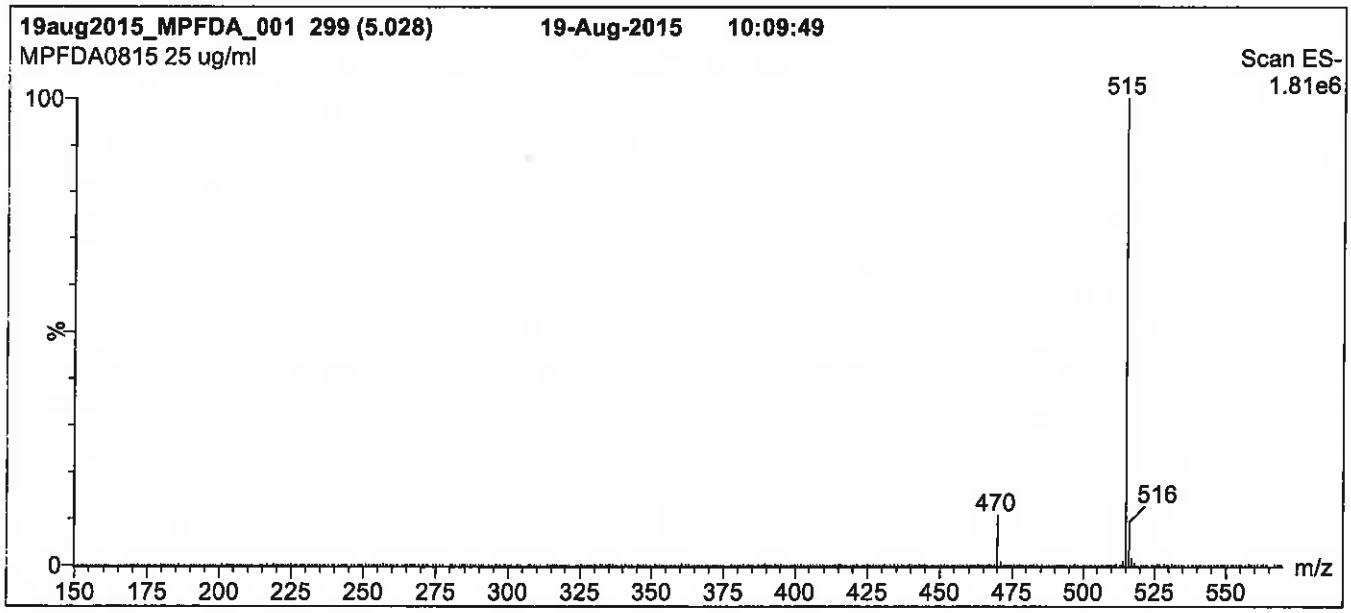
Figure 1: **MPFDA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 2 min
before returning to initial conditions in 0.5 min.
Time: 10 min

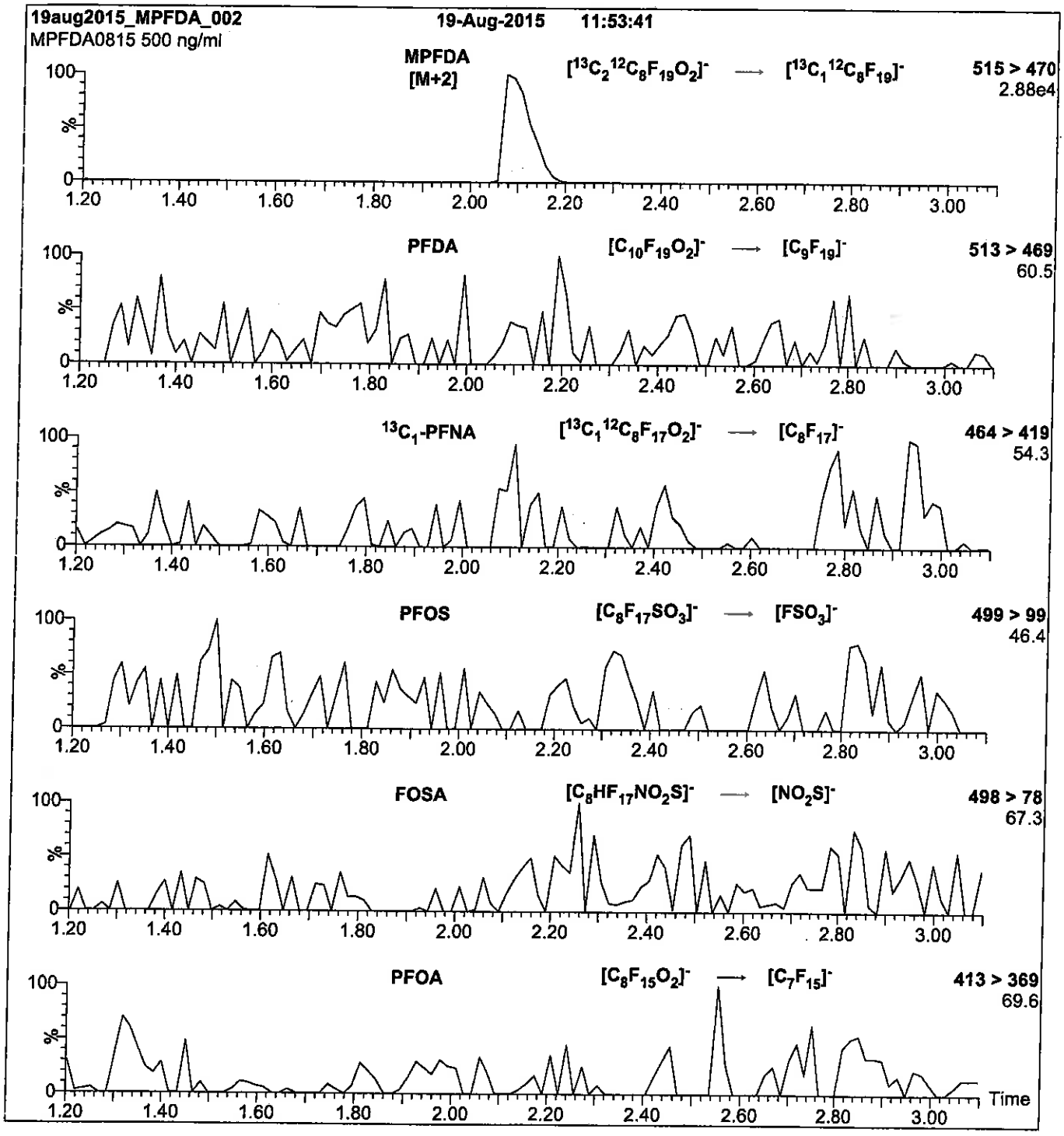
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **MPFDA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml MPFDA)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.35e-3 Collision Energy (eV) = 13
Flow:	300 µl/min	

Reagent

LCMPFDA_00013

r: 3/9/17 SKJ

WELLINGTON LABORATORIES

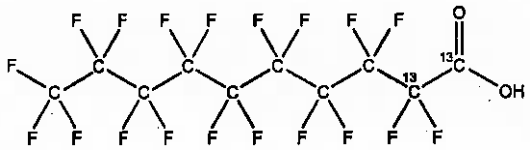
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: MPFDA
COMPOUND: Perfluoro-n-[1,2-$^{13}C_2$]decanoic acid

LOT NUMBER: MPFDA0916

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA: $^{13}C_2{}^{12}C_8HF_{19}O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 516.07
SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 09/30/2016
EXPIRY DATE: (mm/dd/yyyy) 09/30/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

ISOTOPIC PURITY: ≥99% ^{13}C (1,2-$^{13}C_2$)

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains < 0.1% of $^{13}C_1$-PFNA.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 10/07/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

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Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS, LC/MS/MS and/or SFC/UV/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

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QUALITY MANAGEMENT:

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CALA

ANAB ACCREDITED ISO GUIDE 34 REFERENCE MATERIAL PRODUCER

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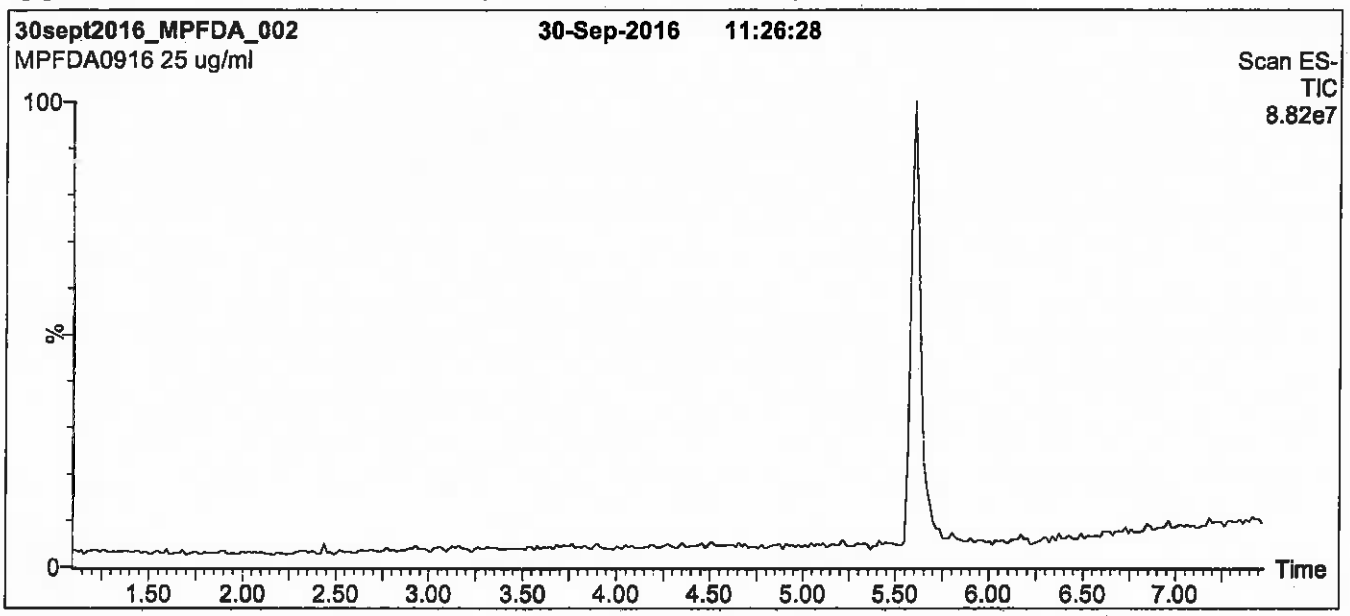
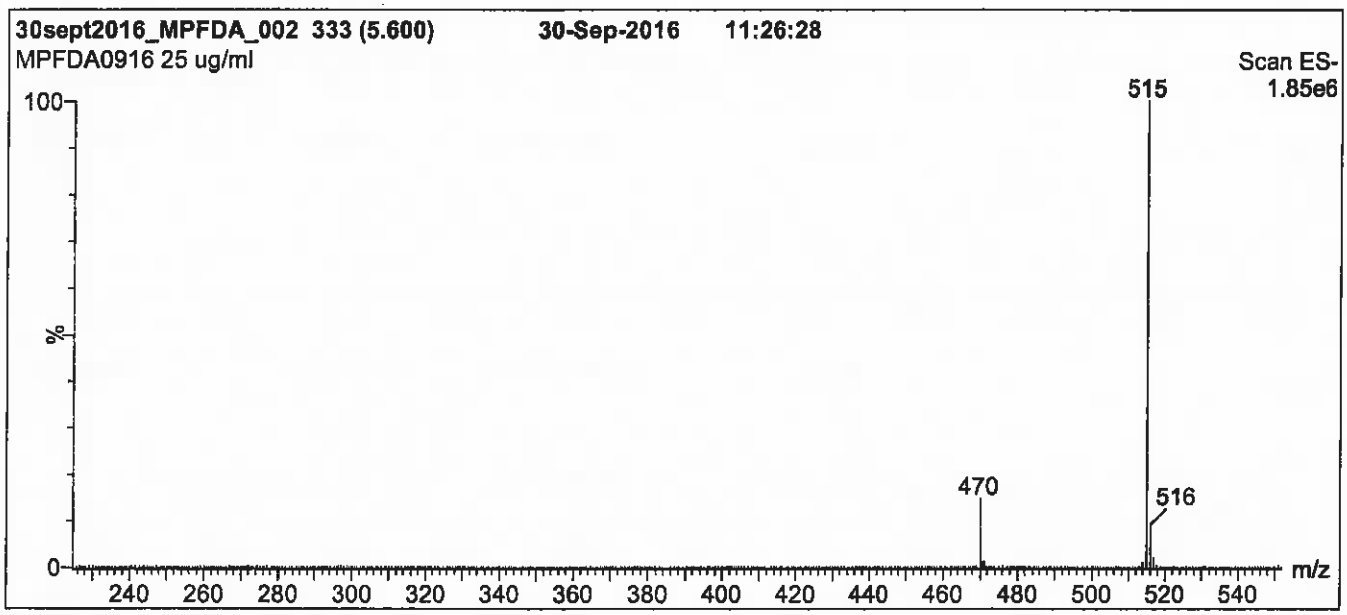
Figure 1: **MPFDA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

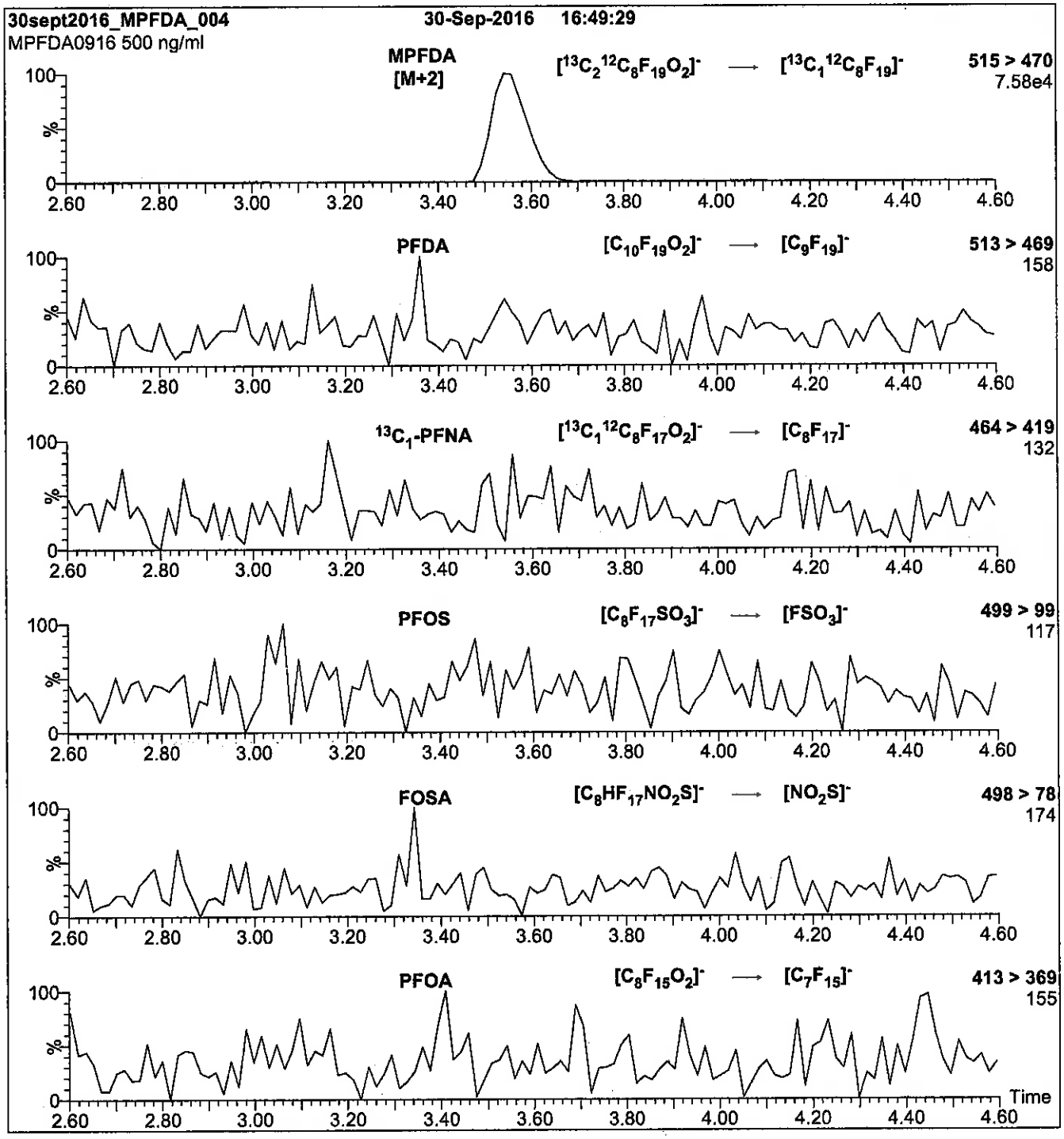
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **MPFDA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml MPFDA)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.31e-3 Collision Energy (eV) = 13
Flow:	300 µl/min	

Reagent

LCMPFDoA_00008

R: SBC 9/22/16

739598
ID: LCMPFDoA_00008
Exp: 04/08/21 Prpd: SBC
13C2-Perfluorododecanoic

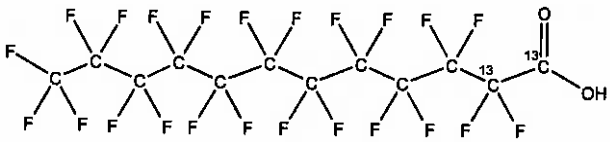
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

Scanned 10/14/16 SR

PRODUCT CODE: MPFDoA
LOT NUMBER: MPFDoA0416
COMPOUND: Perfluoro-n-[1,2-$^{13}C_2$]dodecanoic acid

STRUCTURE:
CAS #: Not available



MOLECULAR FORMULA: $^{13}C_2{}^{12}C_{10}HF_{23}O_2$
MOLECULAR WEIGHT: 616.08
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol, Water (<1%)
CHEMICAL PURITY: >98%
ISOTOPIC PURITY: ≥99% ^{13}C (1,2-$^{13}C_2$)
LAST TESTED: (mm/dd/yyyy) 04/08/2016
EXPIRY DATE: (mm/dd/yyyy) 04/08/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

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Certified By: B.G. Chittim **Date:** 04/15/2016 (mm/dd/yyyy)

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CALA

ANAB ACCREDITED

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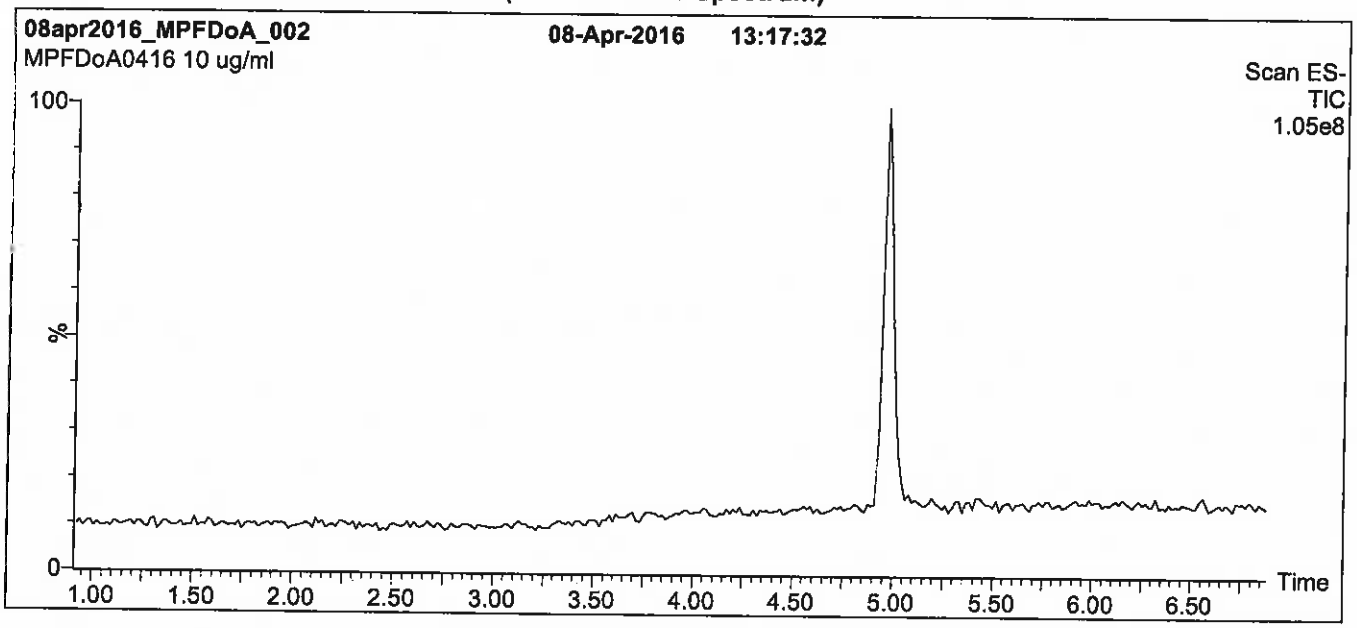

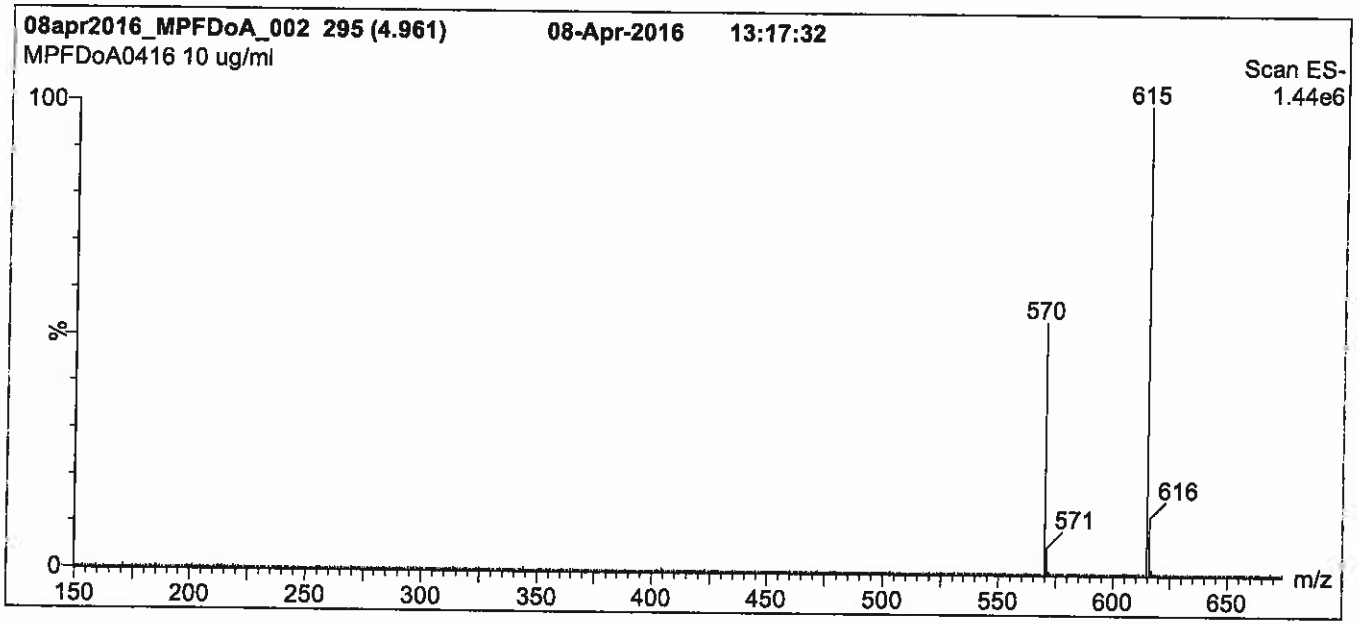

Conditions for Figure 1:

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Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 60% (80:20 MeOH:ACN) / 40% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 20.00
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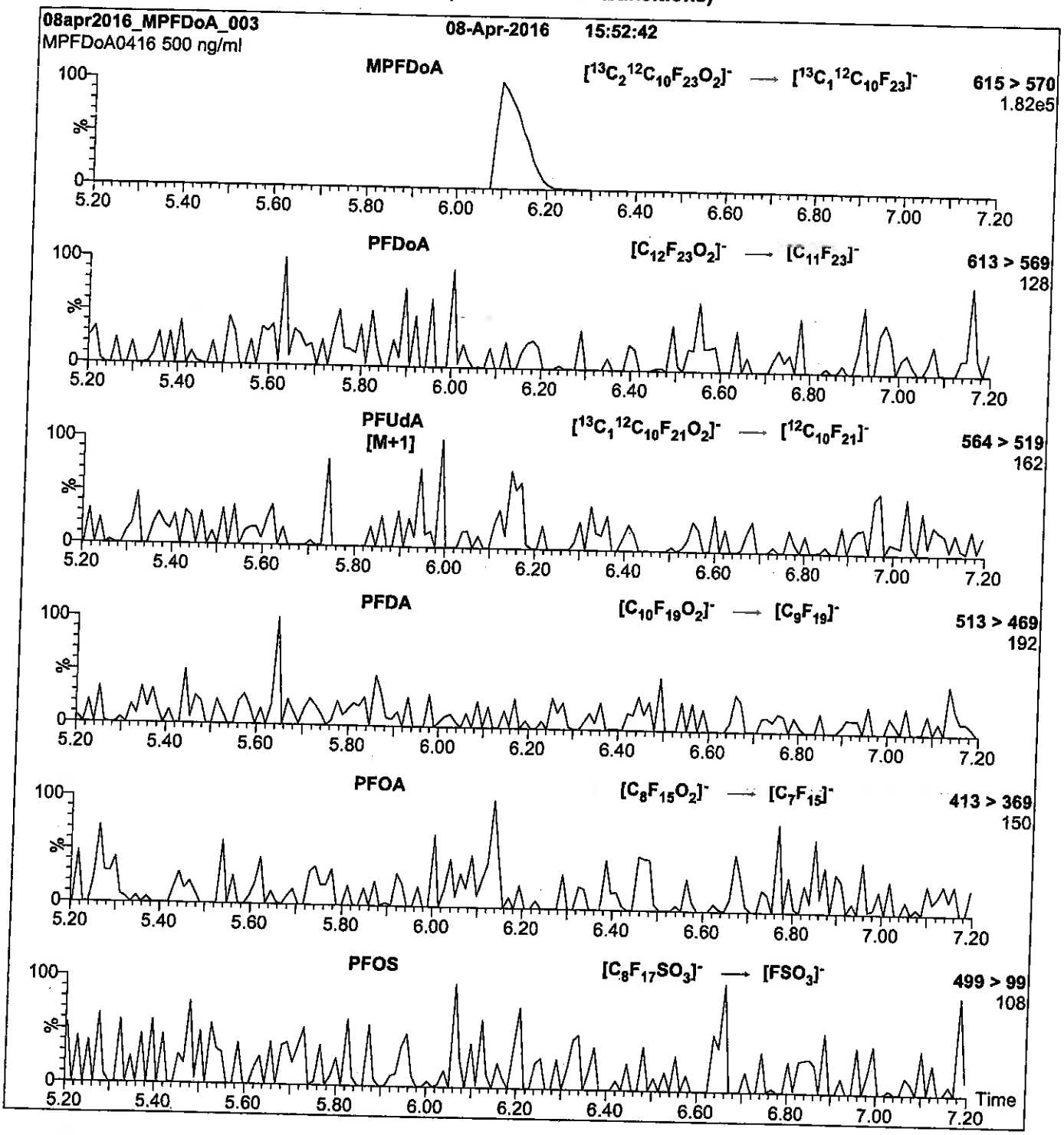
Figure 2: **MPFDoA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml MPFDoA)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.24e-3 Collision Energy (eV) = 13
Flow:	300 µl/min	

Reagent

LCMPFDoA_00009

r: 3/9/17 SKV

WELLINGTON LABORATORIES

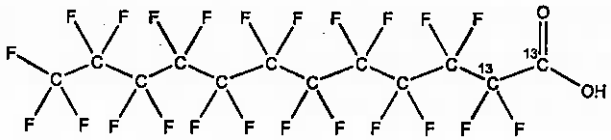
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: MPFDoA
COMPOUND: Perfluoro-n-[1,2-$^{13}C_2$]dodecanoic acid

LOT NUMBER: MPFDoA0416

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA: $^{13}C_2{}^{12}C_{10}HF_{23}O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 616.08
SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 04/08/2016
EXPIRY DATE: (mm/dd/yyyy) 04/08/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

ISOTOPIC PURITY: ≥99% ^{13}C (1,2-$^{13}C_2$)

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

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Certified By: B.G. Chittim **Date:** 04/15/2016 (mm/dd/yyyy)

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CALA

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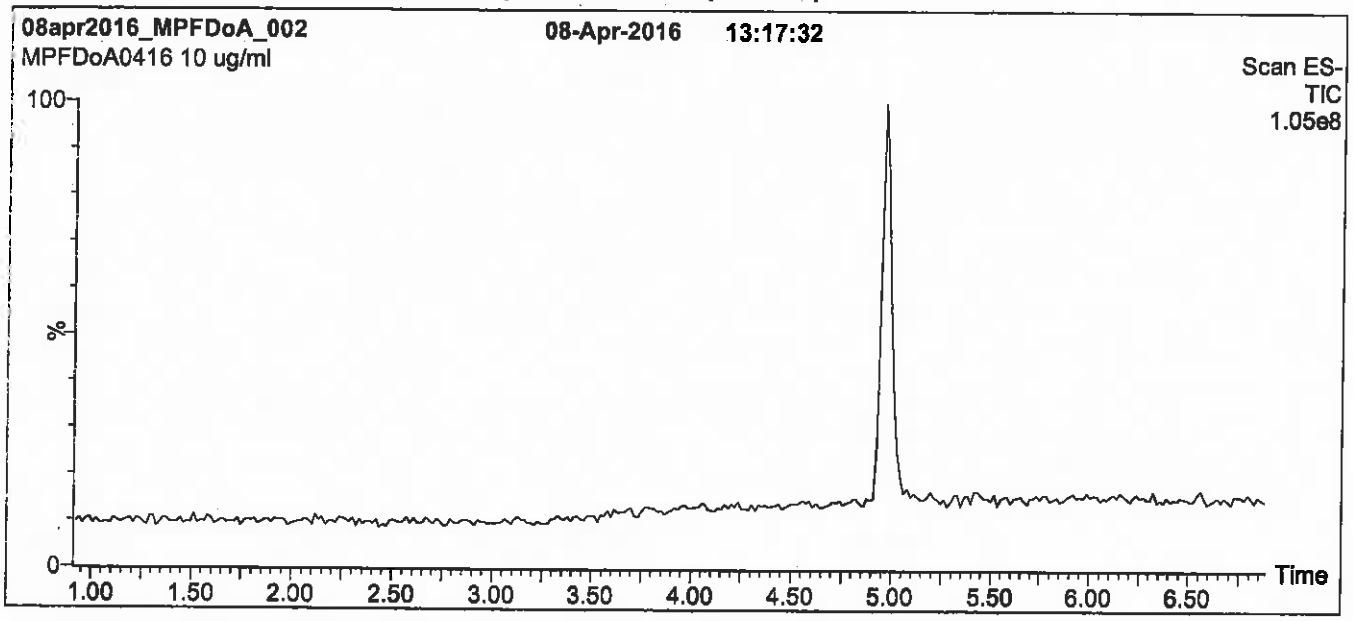
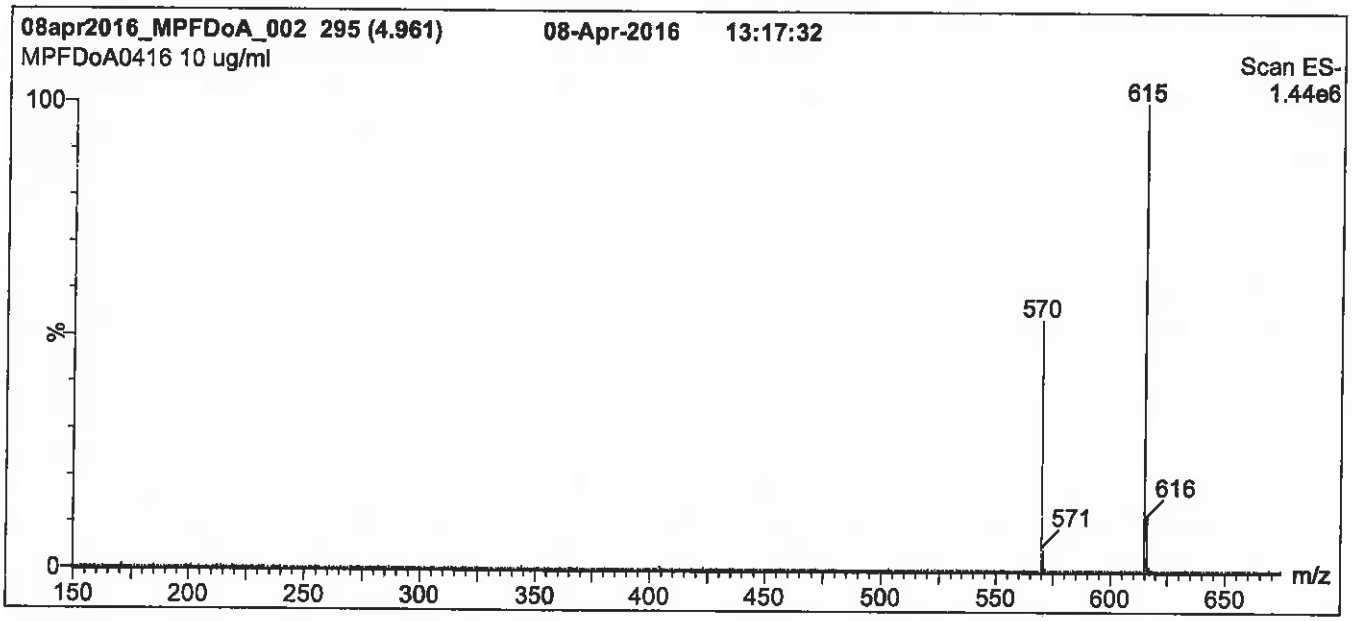




Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 60% (80:20 MeOH:ACN) / 40% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

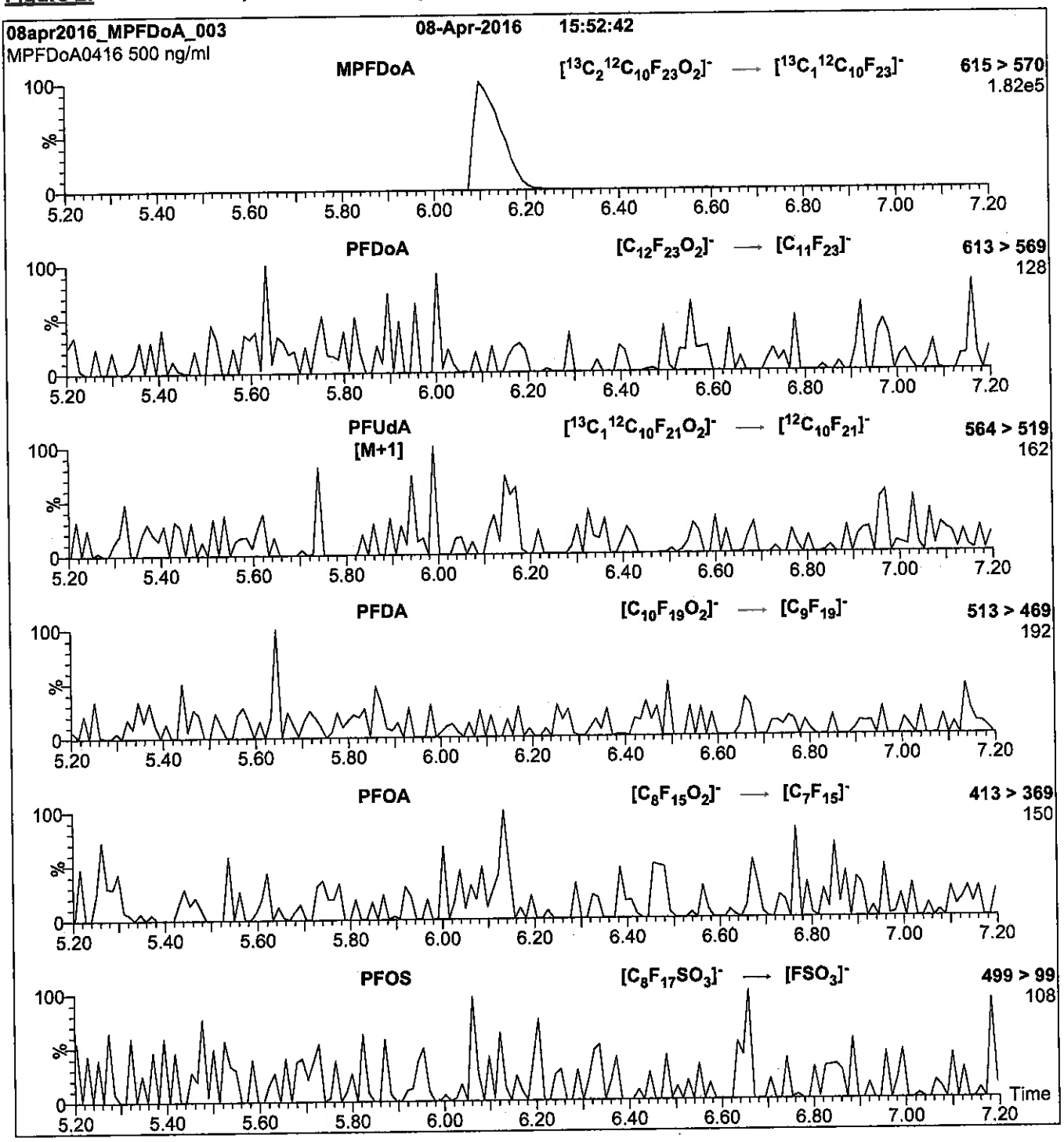
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 20.00
Cone Gas Flow (l/hr) = 100
Desolvation Gas Flow (l/hr) = 750

Figure 2: **MPFDoA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml MPFDoA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.24e-3
Collision Energy (eV) = 13

Reagent

LCMPFHxA_00012

Scanned 10/14/16 SR R: SBC 9/22/16

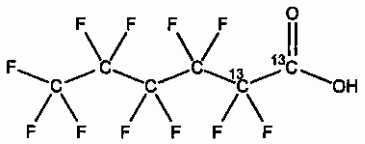
739612
ID: LCMPFHxA_00012
Exp: 04/08/21 Prpd: SBC
13C2-Perfluorohexanoic ac

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE: MPFHxA
LOT NUMBER: MPFHxA0416
COMPOUND: Perfluoro-n-[1,2-$^{13}C_2$]hexanoic acid

STRUCTURE:
CAS #: Not available



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CONCENTRATION: 50 ± 2.5 µg/ml
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CHEMICAL PURITY: >98%
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ADDITIONAL INFORMATION:

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- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains < 0.1% of perfluoro-n-hexanoic acid and ~ 0.3% of perfluoro-n-octanoic acid.

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Certified By: B.G. Chittim **Date:** 04/29/2016 (mm/dd/yyyy)

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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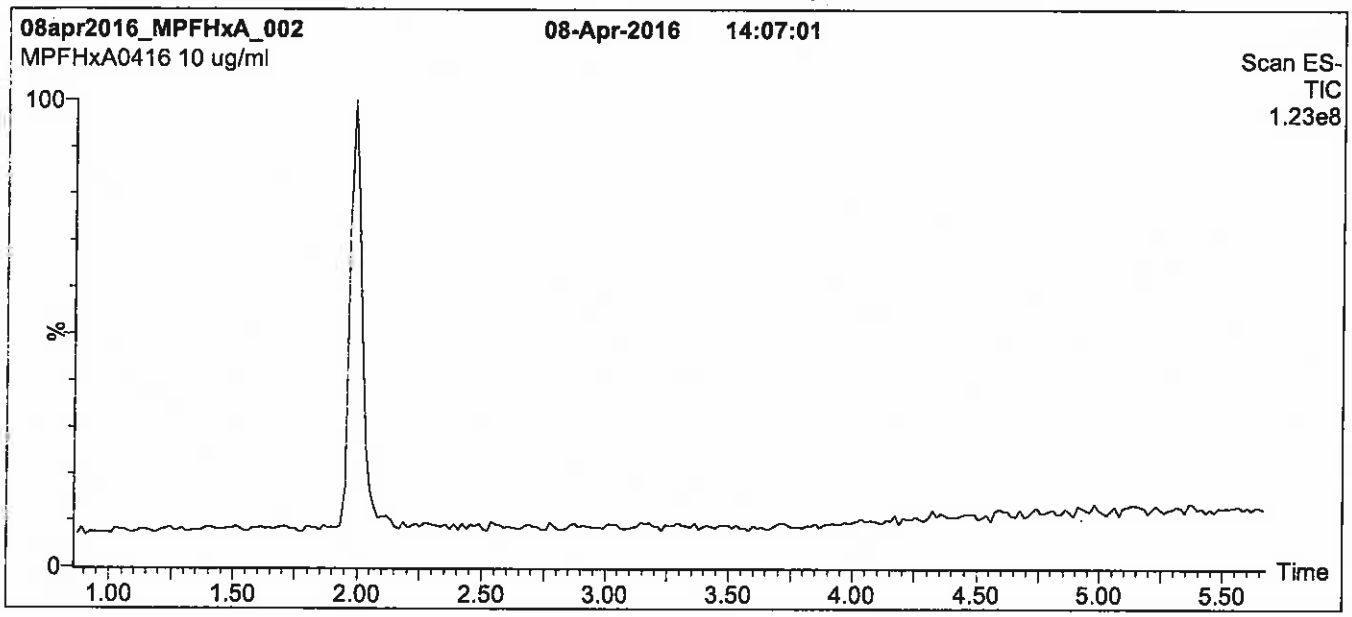
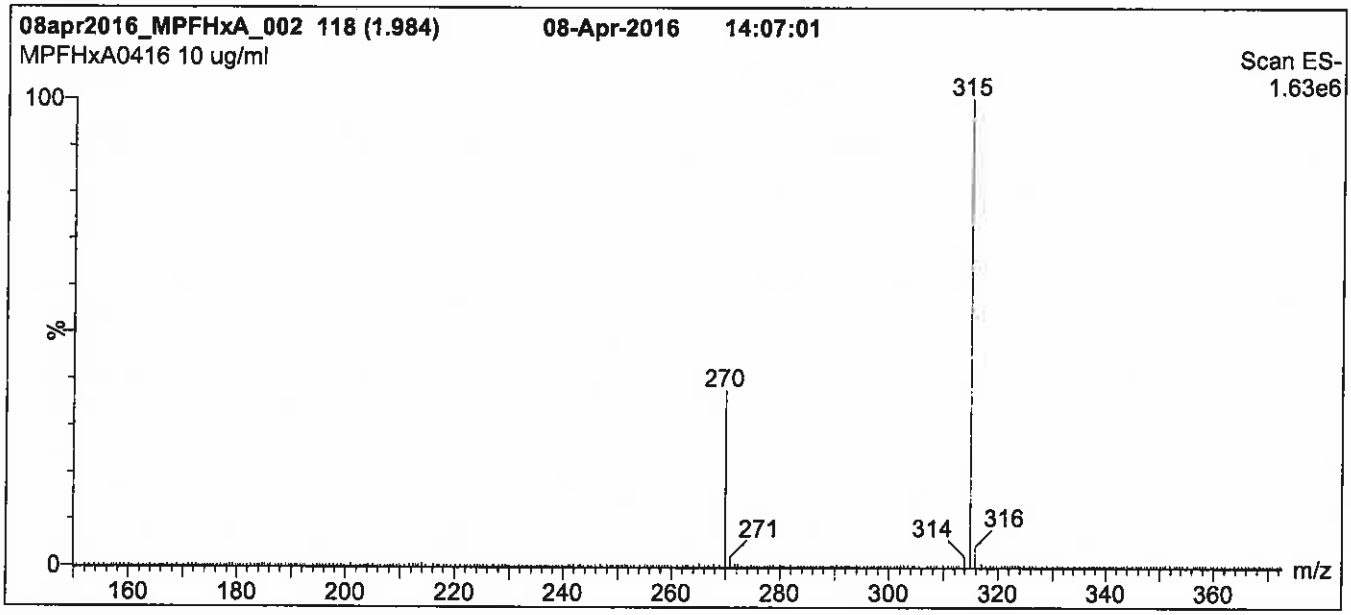
Figure 1: **MPFHxA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7.5 min and hold for 1.5 min before returning to initial conditions over 0.5 min.
Time: 10 min

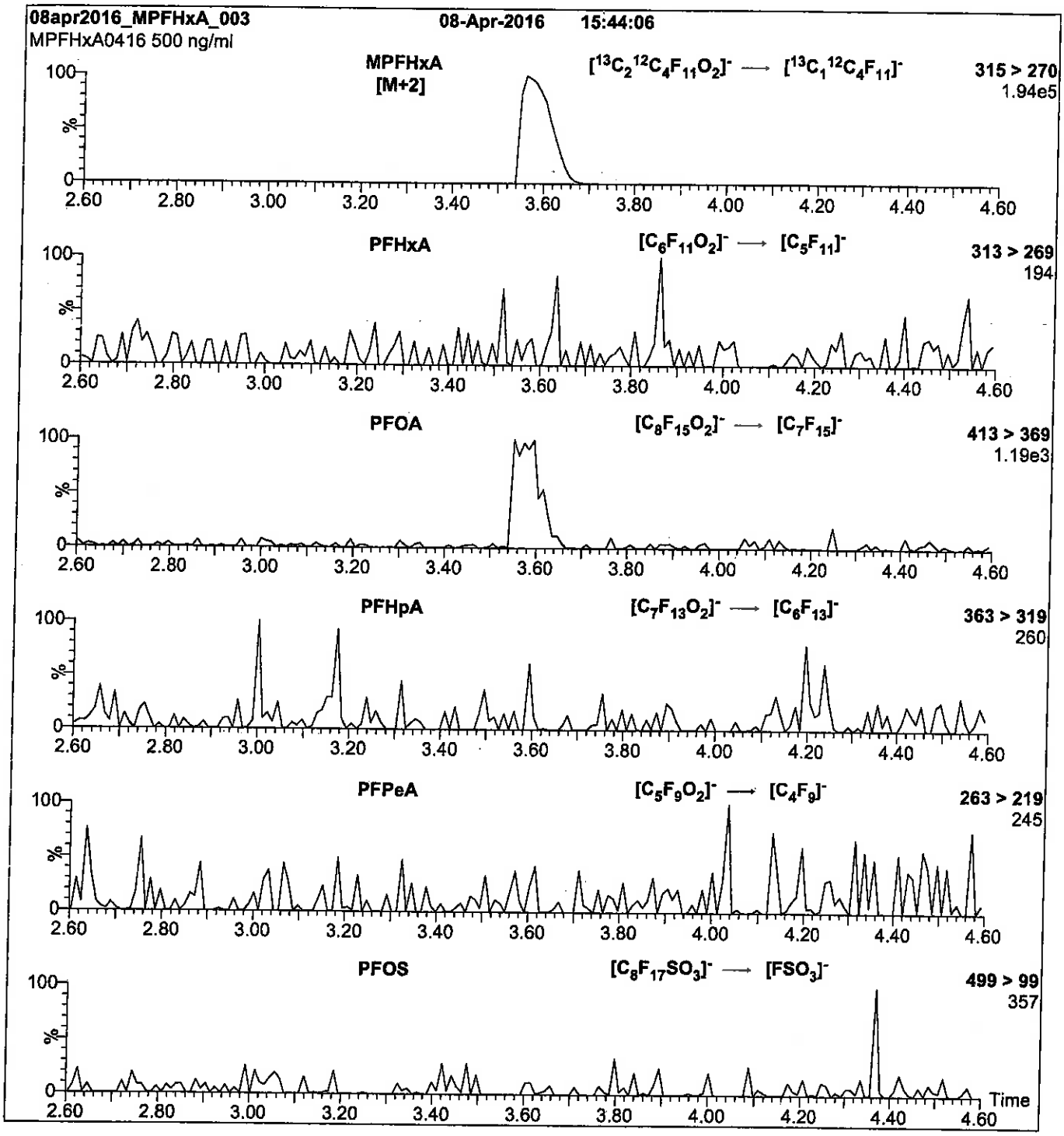
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 100
Desolvation Gas Flow (l/hr) = 750

Figure 2: **MPFHxA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml MPFHxA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.39e-3
Collision Energy (eV) = 10

Reagent

LCMPFHxA_00014

r: 3/9/17 SKV

WELLINGTON LABORATORIES

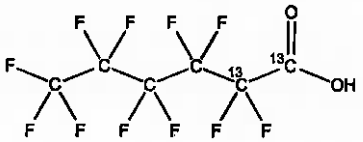
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: MPFHxA
COMPOUND: Perfluoro-n-[1,2-$^{13}C_2$]hexanoic acid

LOT NUMBER: MPFHxA1116

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA: $^{13}C_2{}^{12}C_4HF_{11}O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 316.04
SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 11/22/2016
EXPIRY DATE: (mm/dd/yyyy) 11/22/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

ISOTOPIC PURITY: ≥99% ^{13}C (1,2-$^{13}C_2$)

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains < 0.1% of perfluoro-n-hexanoic acid and ~ 0.3% of perfluoro-n-octanoic acid.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 12/13/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

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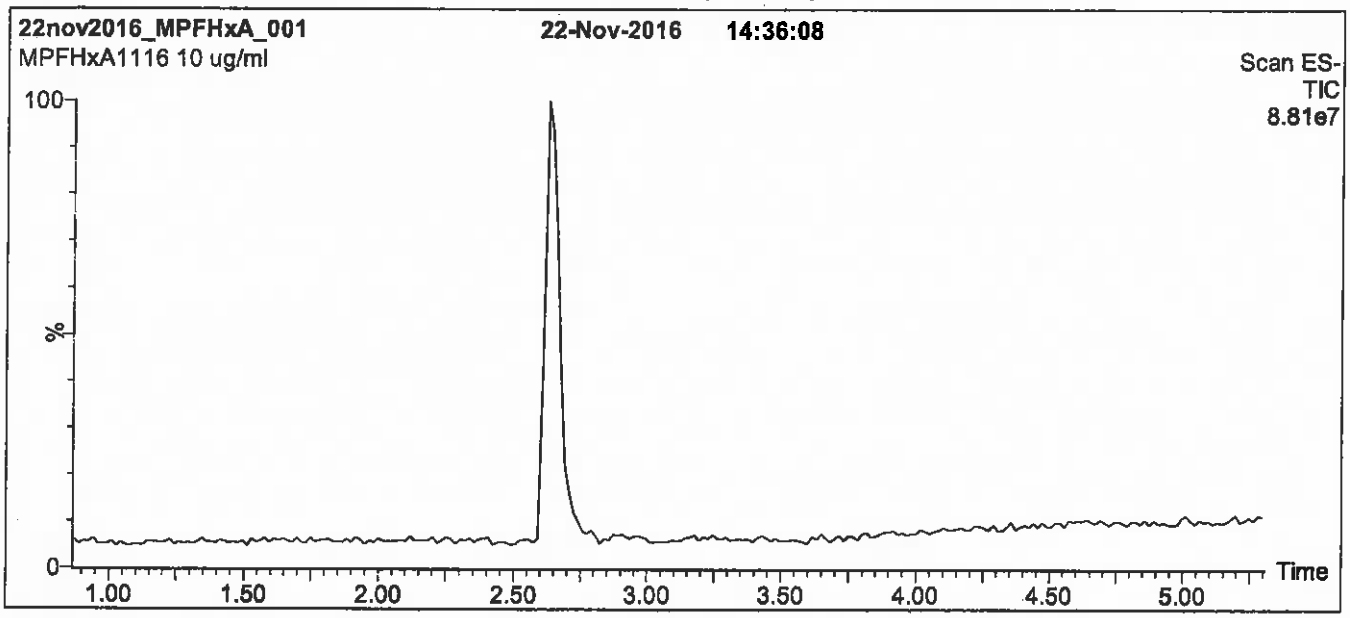

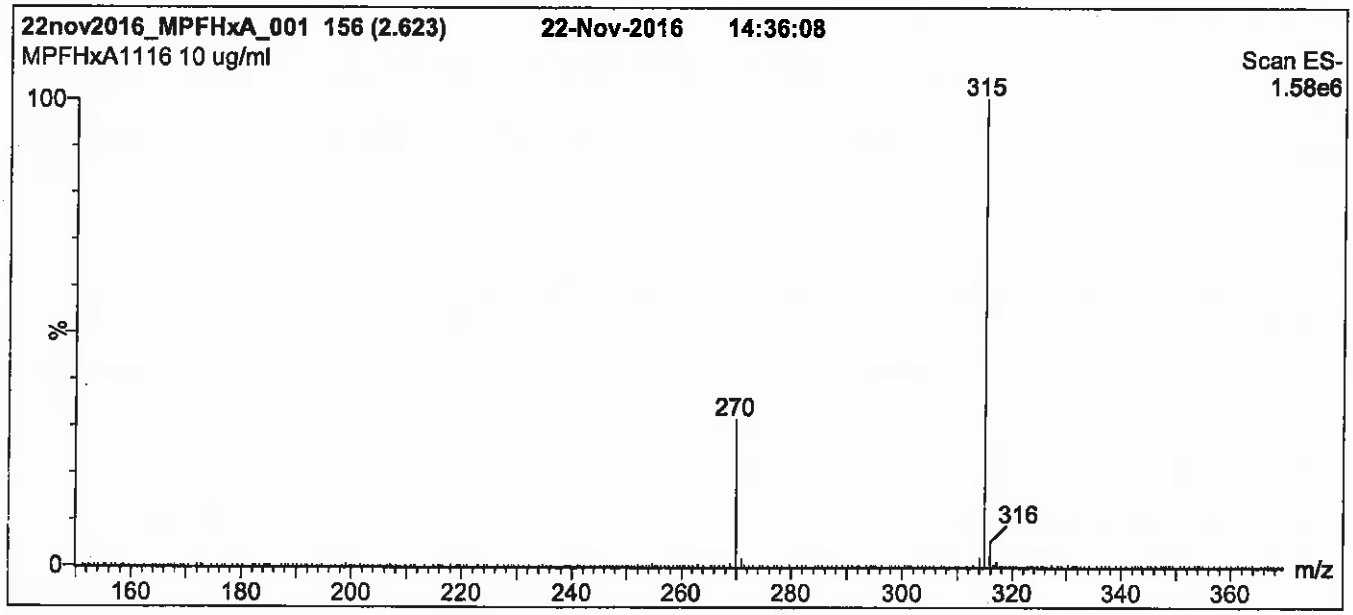

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1.7 µm, 2.1 x 100 mm

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Start: 40% (80:20 MeOH:ACN) / 60% H_2O
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Ramp to 90% organic over 7 min and hold for 2 min before returning to initial conditions over 0.5 min.
Time: 10 min

Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
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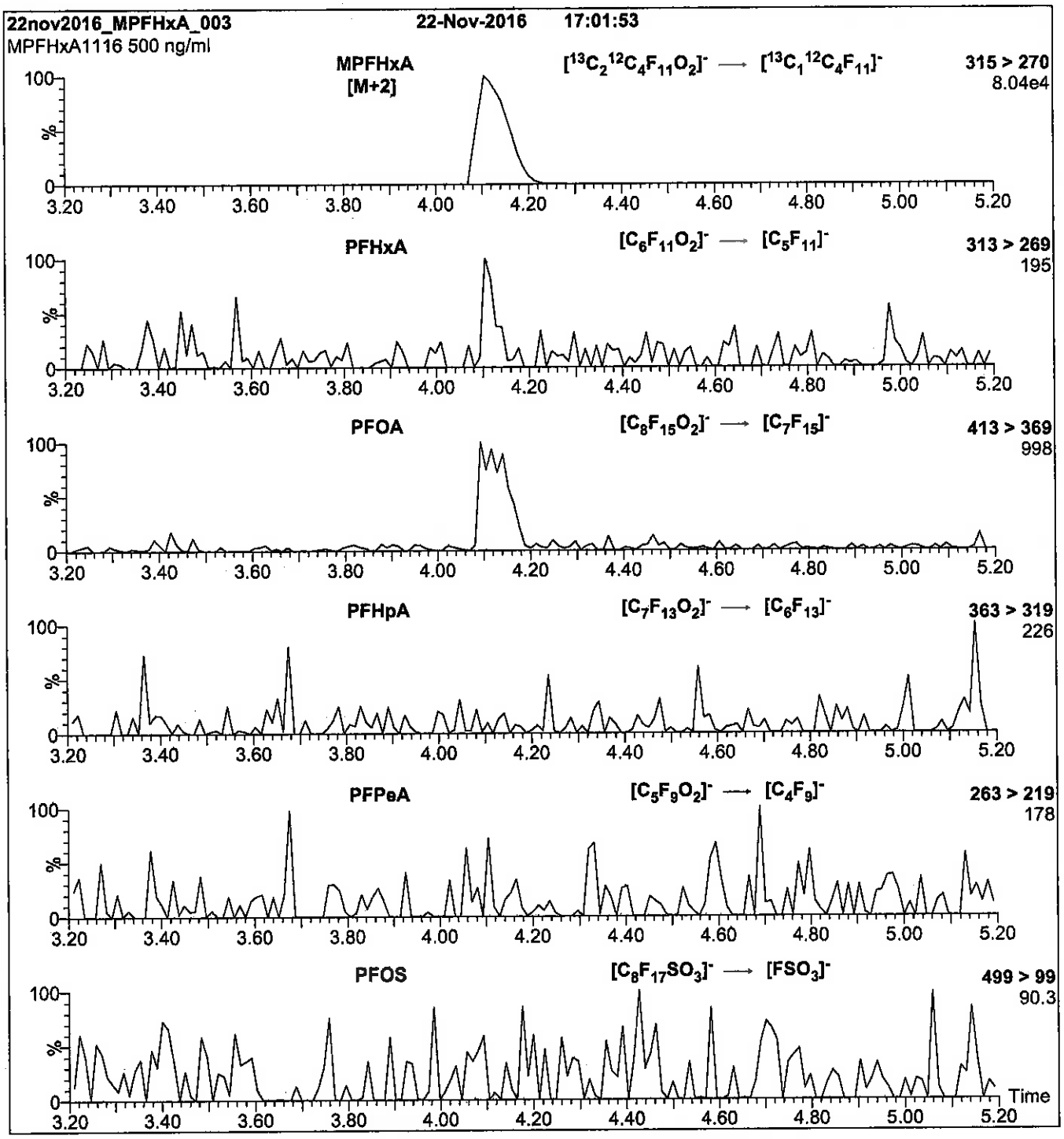


Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml MPFHxA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.46e-3
Collision Energy (eV) = 10

Reagent

LCMPFHxS_00008

R: SBC 9/22/16

739601
ID: LCMPFHxS_00008
Exp: 10/23/20 Prpd: SBC
18O2-Perfluorohexanesulfo

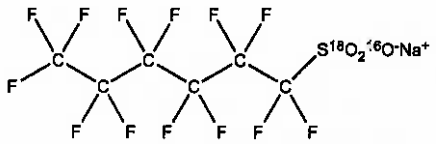
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

Scanned 10/14/16 SR

PRODUCT CODE: MPFHxS
LOT NUMBER: MPFHxS1015
COMPOUND: Sodium perfluoro-1-hexane[$^{18}O_2$]sulfonate

STRUCTURE:
CAS #: Not available



MOLECULAR FORMULA: $C_6F_{13}S^{18}O_2{}^{16}ONa$
MOLECULAR WEIGHT: 426.10
CONCENTRATION: 50.0 ± 2.5 µg/ml (Na salt)
47.3 ± 2.4 µg/ml (MPFHxS anion)
SOLVENT(S): Methanol
CHEMICAL PURITY: >98%
ISOTOPIC PURITY: >94% ($^{18}O_2$)
LAST TESTED: (mm/dd/yyyy) 10/23/2015
EXPIRY DATE: (mm/dd/yyyy) 10/23/2020
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- The response factor for MPFHxS ($C_6F_{13}S^{18}O_2{}^{16}O^-$) has been observed to be up to 10% lower than for PFHxS ($C_6F_{13}S^{16}O_3^-$) when both compounds are injected together. This difference may vary between instruments.
- Due to the isotopic purity of the starting material ($^{18}O_2$ >94%), MPFHxS contains ~ 0.3% of PFHxS. This value agrees with the theoretical percent relative abundance that is expected based on the stated isotopic purity.

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Certified By: B.G. Chittim **Date:** 10/28/2015 (mm/dd/yyyy)

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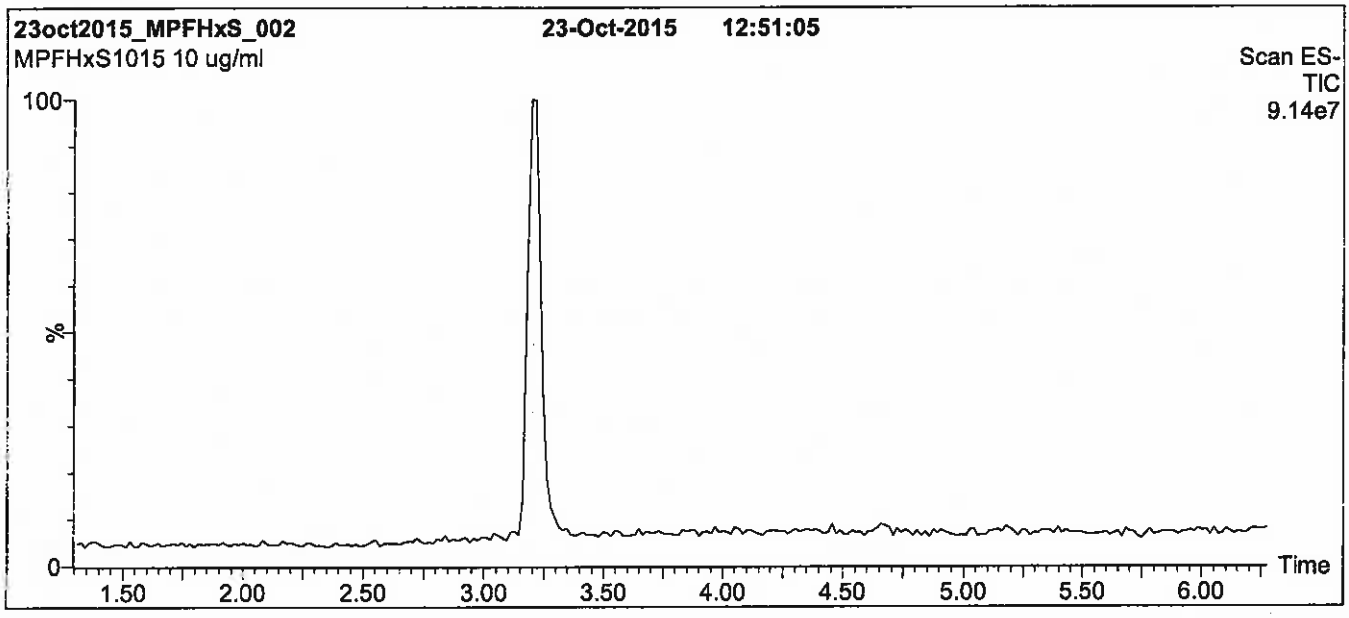

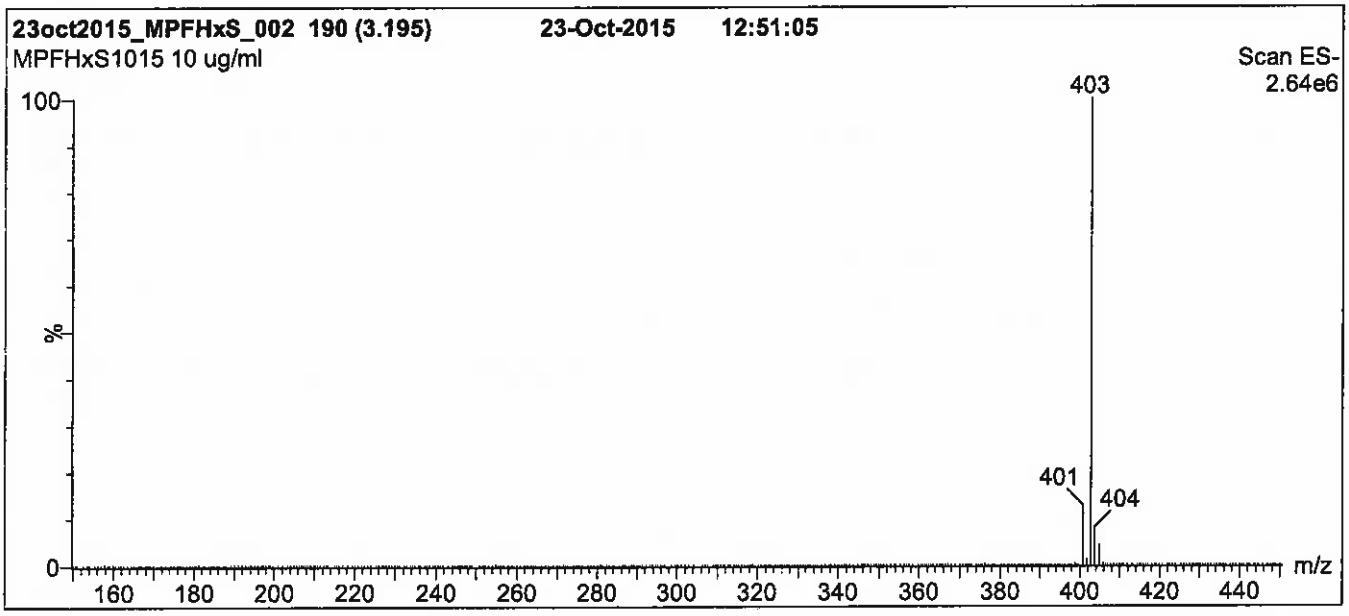

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Ramp to 90% organic over 7 min and hold for 2 min before returning to initial conditions in 0.5 min.
Time: 10 min

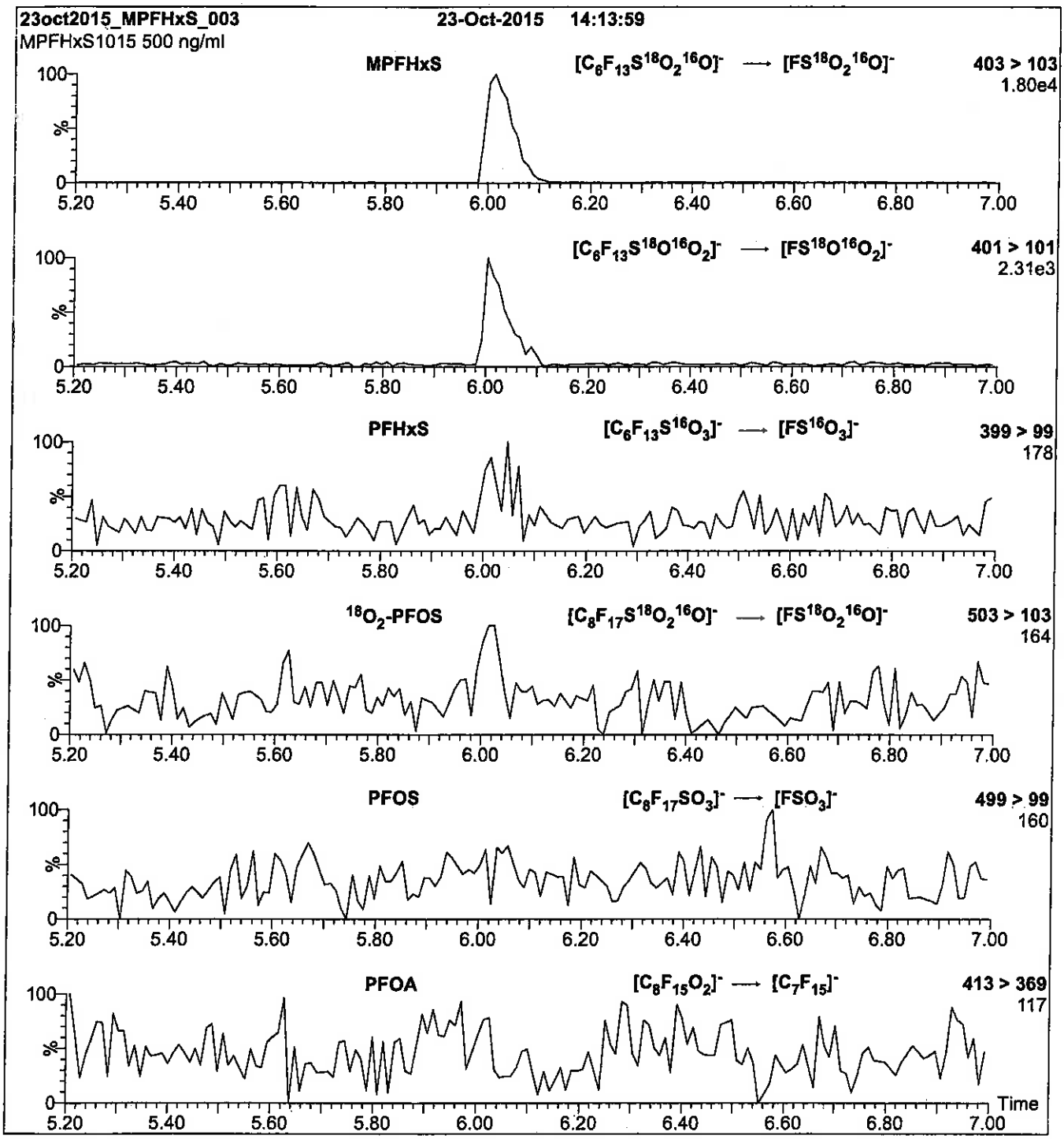
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 50.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 750

Figure 2: **MPFHxS; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml MPFHxS)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.35e-3
Collision Energy (eV) = 30

Reagent

LCMPFHxS_00009

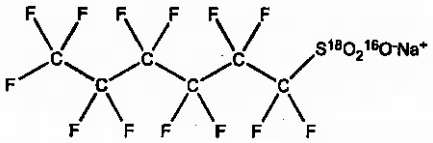
r: 3/9/17 SKW

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: MPFHxS
COMPOUND: Sodium perfluoro-1-hexane[$^{18}O_2$]sulfonate
LOT NUMBER: MPFHxS1015

STRUCTURE:
CAS #: Not available



MOLECULAR FORMULA:	$C_6F_{13}S^{18}O_2{}^{16}ONa$	**MOLECULAR WEIGHT:**	426.10
CONCENTRATION:	50.0 ± 2.5 µg/ml (Na salt) 47.3 ± 2.4 µg/ml (MPFHxS anion)	**SOLVENT(S):**	Methanol
CHEMICAL PURITY:	>98%	**ISOTOPIC PURITY:**	>94% ($^{18}O_2$)
LAST TESTED: (mm/dd/yyyy)	10/23/2015		
EXPIRY DATE: (mm/dd/yyyy)	10/23/2020		
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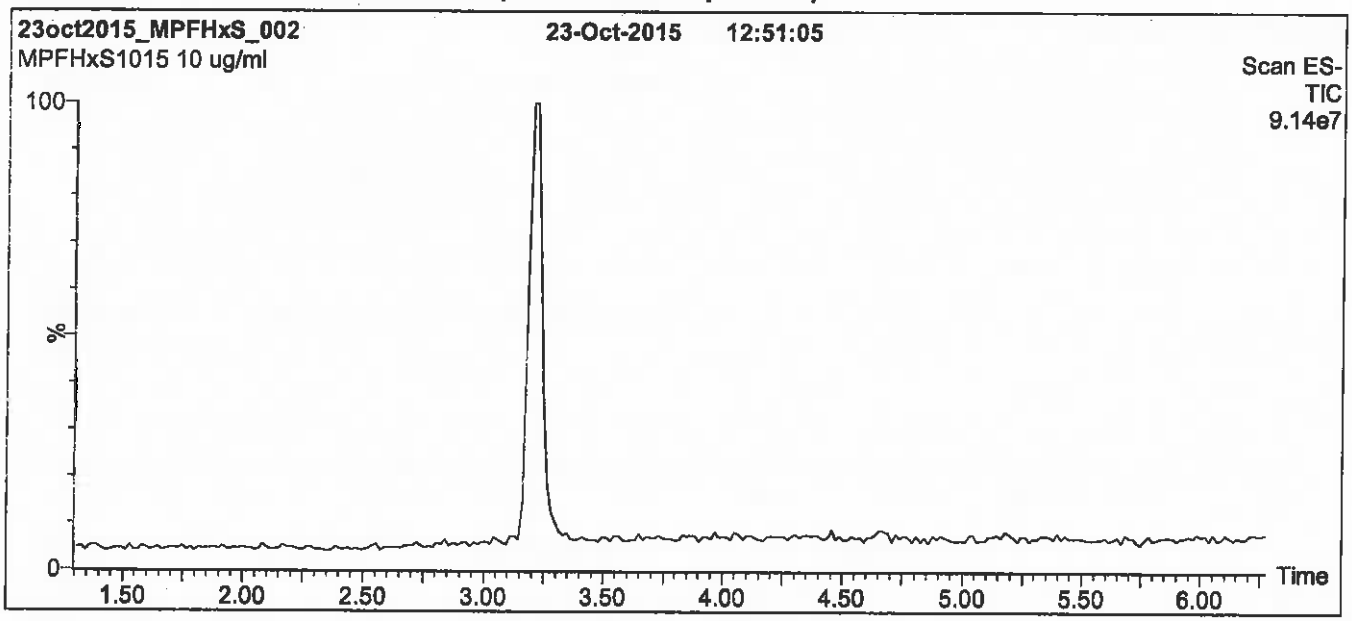
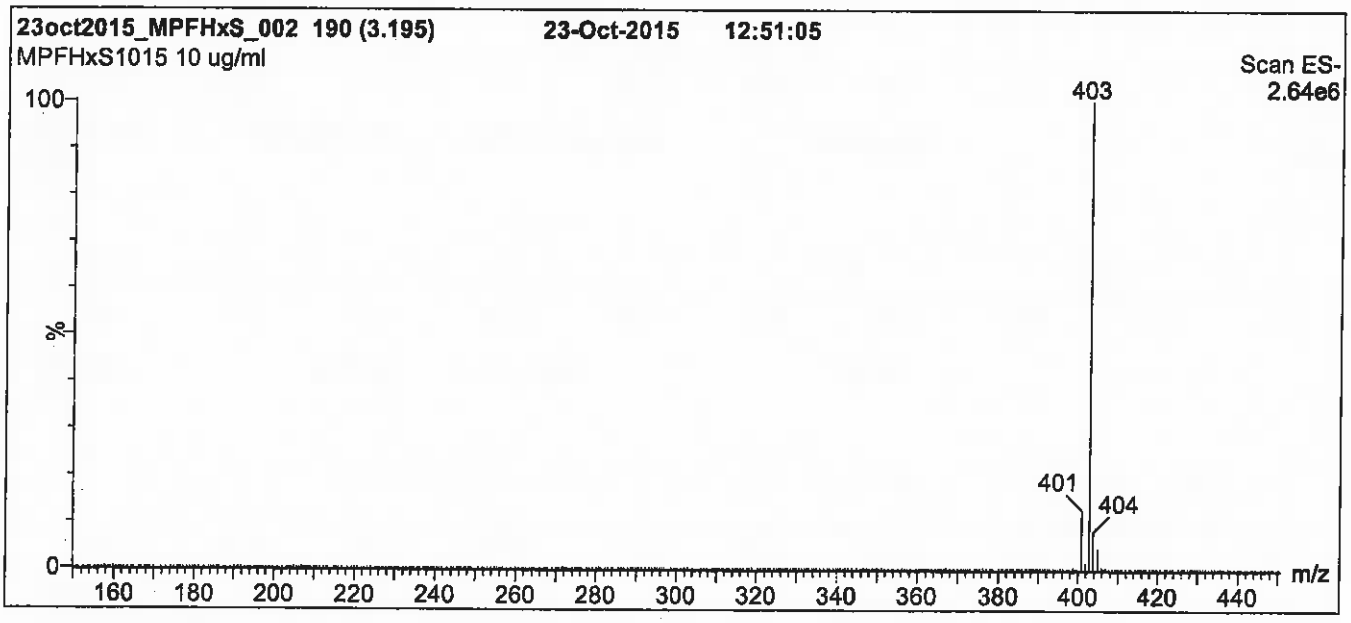
Figure 1: **MPFHxS; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 2 min before returning to initial conditions in 0.5 min.
Time: 10 min

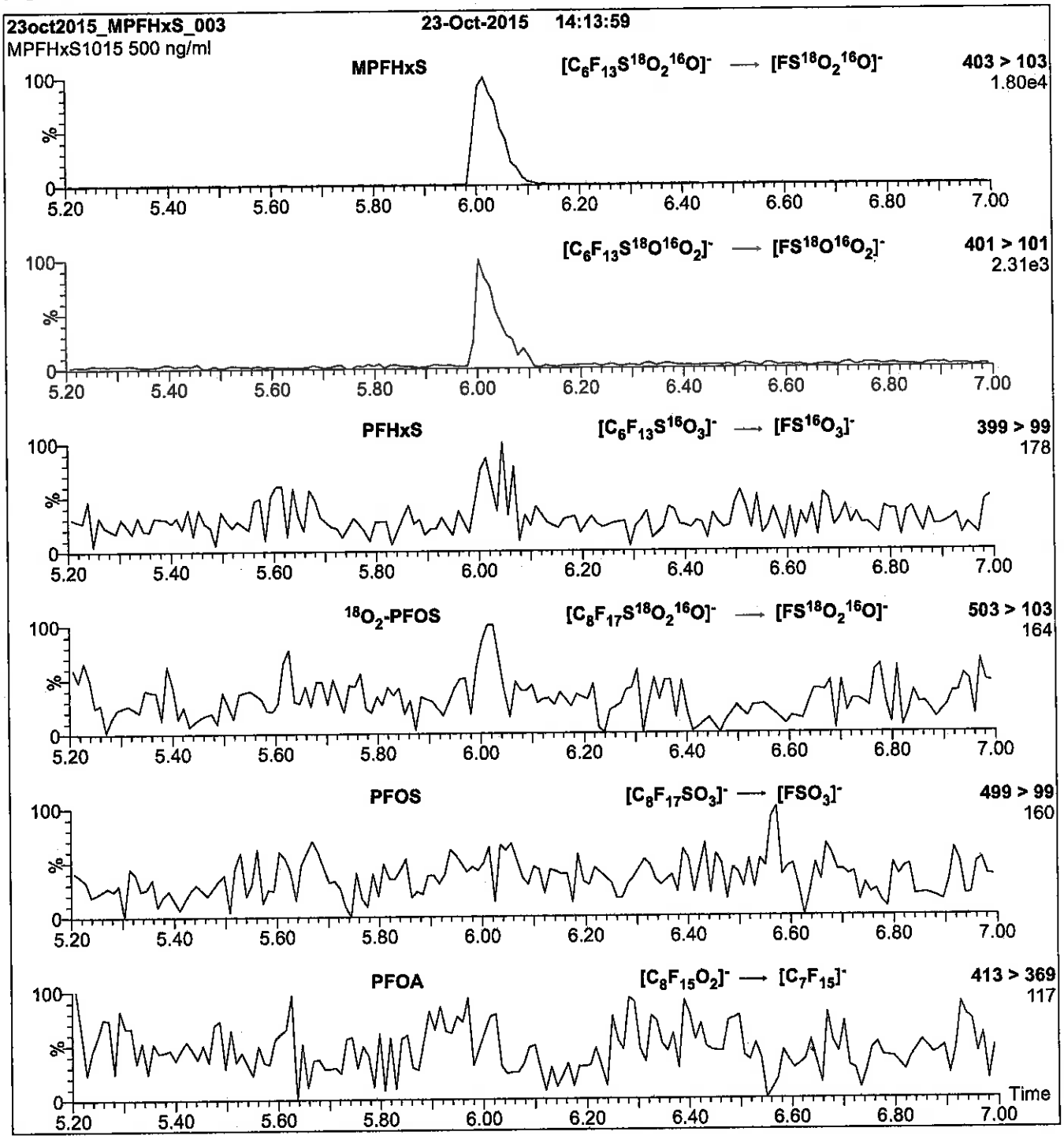
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 50.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 750

Figure 2: **MPFHxS; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml MPFHxS)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.35e-3
Collision Energy (eV) = 30

Reagent

LCMPFNA_00008

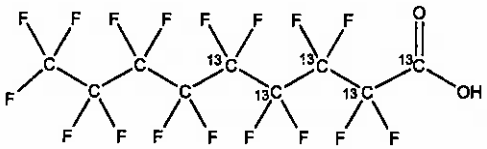
Scanned 10/14/16 R: SBC 9/22/16

739637
ID: LCMPFNA_00008
Exp: 04/13/19 Prpd: SBC
13C5-Perfluorononanoic aci

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: MPFNA
LOT NUMBER: MPFNA0414
COMPOUND: Perfluoro-n-[1,2,3,4,5-$^{13}C_5$]nonanoic acid
STRUCTURE:
CAS #: Not available



MOLECULAR FORMULA: $^{13}C_5{}^{12}C_4HF_{17}O_2$
MOLECULAR WEIGHT: 469.04
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol, Water (<1%)
CHEMICAL PURITY: >98%
ISOTOPIC PURITY: ≥99% ^{13}C (1,2,3,4,5-$^{13}C_5$)
LAST TESTED: (mm/dd/yyyy) 04/13/2014
EXPIRY DATE: (mm/dd/yyyy) 04/13/2019
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 04/01/2015 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

Where possible, all of our products are synthesized using single-product unambiguous routes. They are then characterized, and their structures and purities confirmed, using a combination of the most relevant techniques, such as NMR, GC/MS, LC/MS/MS, SFC/UV/MS/MS, x-ray crystallography, and melting point. Isotopic purities of mass-labelled compounds are also confirmed using HRGC/HRMS and/or LC/MS/MS.

HOMOGENEITY:

Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS, LC/MS/MS and/or SFC/UV/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

QUALITY MANAGEMENT:

This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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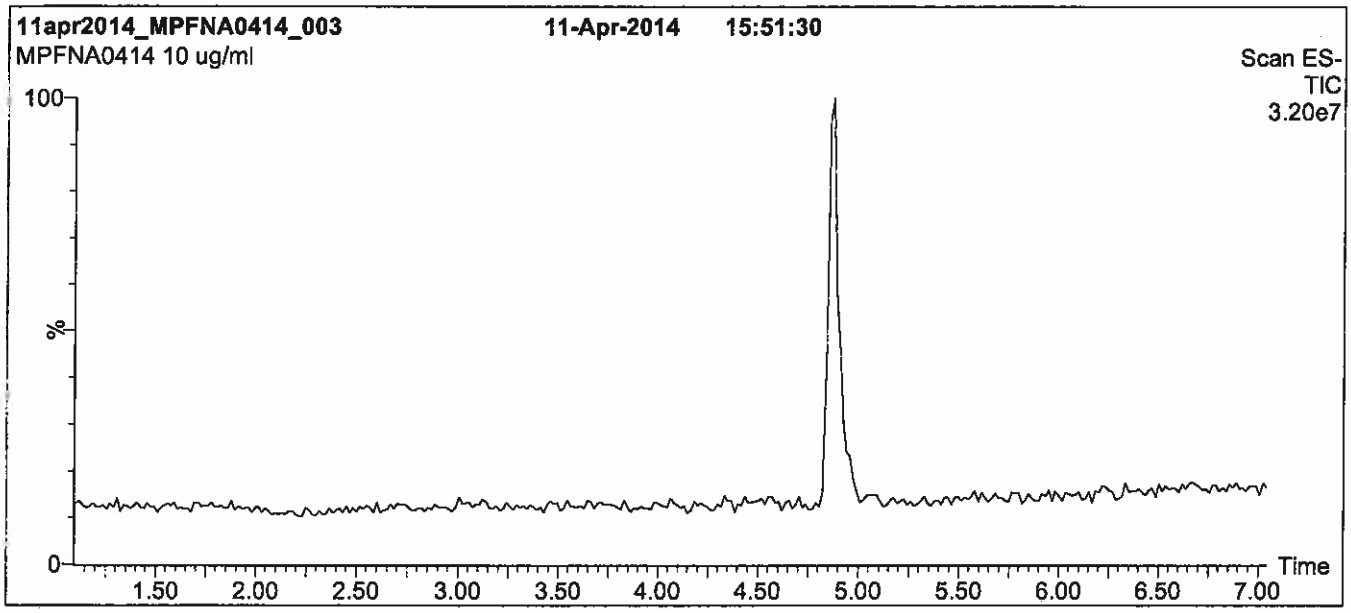
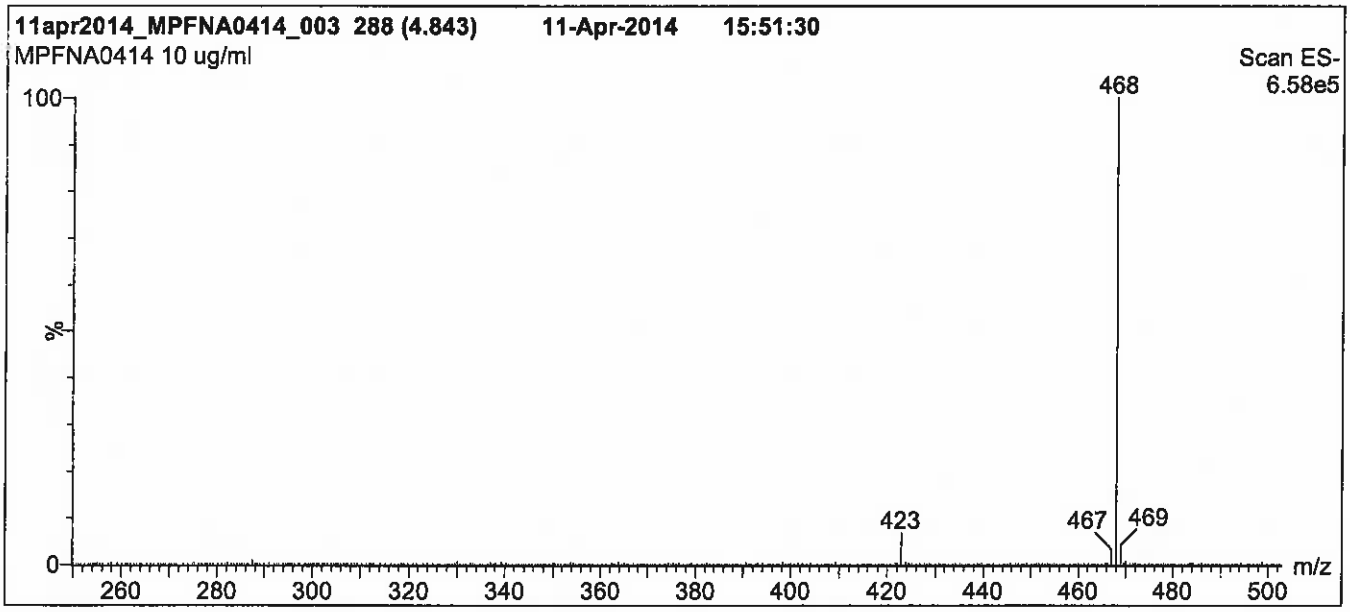
Figure 1: **MPFNA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 2 min before returning to initial conditions in 0.5 min.
Time: 10 min

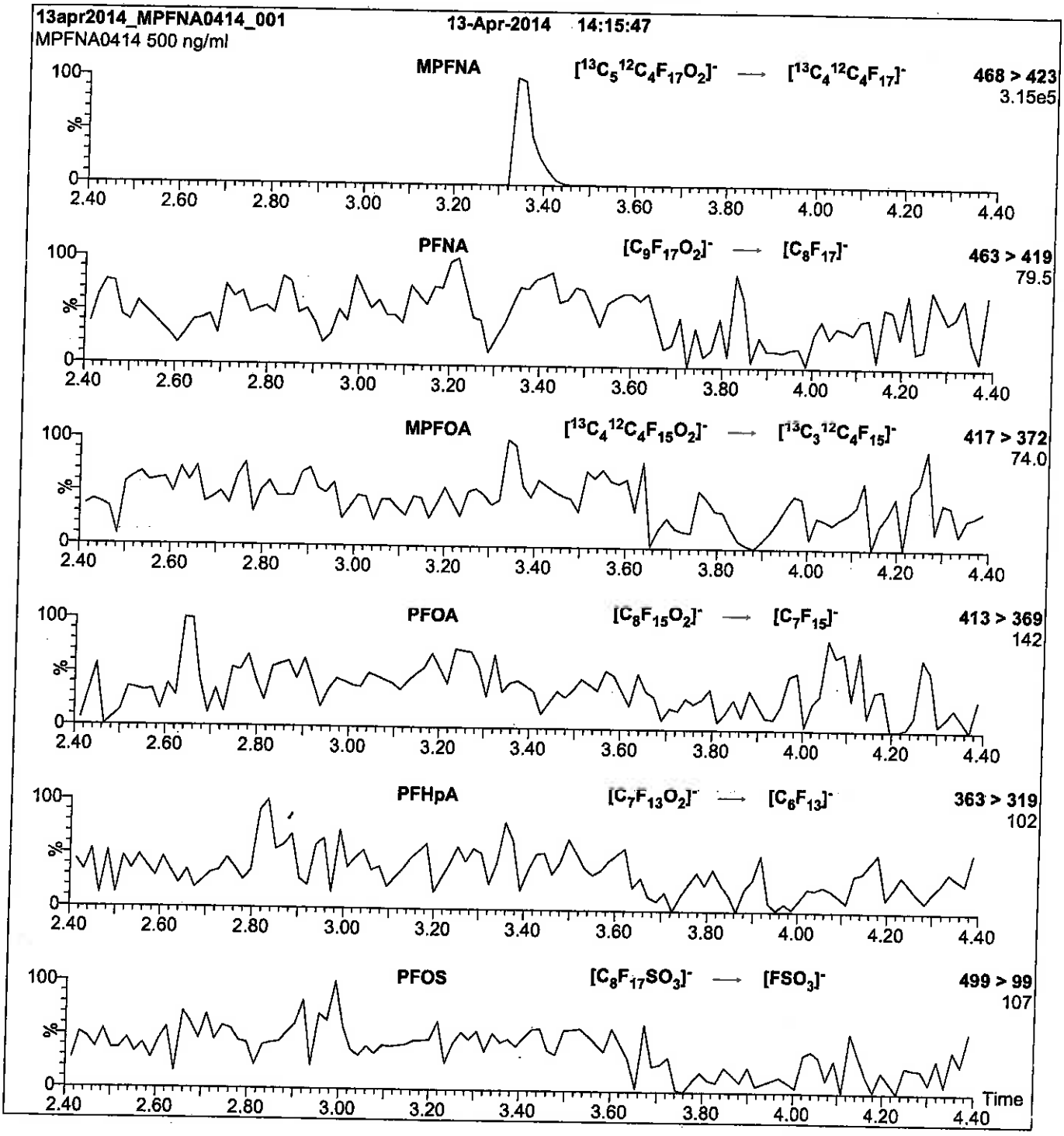
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (250 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **MPFNA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml MPFNA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.28e-3
Collision Energy (eV) = 11

Reagent

LCMPFNA_00009

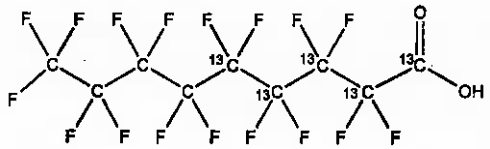
P: 3/9/17 SKV

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: MPFNA
LOT NUMBER: MPFNA0916
COMPOUND: Perfluoro-n-[1,2,3,4,5-$^{13}C_5$]nonanoic acid

STRUCTURE:
CAS #: Not available



MOLECULAR FORMULA: $^{13}C_5{}^{12}C_4HF_{17}O_2$
MOLECULAR WEIGHT: 469.04
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol
Water (<1%)
CHEMICAL PURITY: >98%
ISOTOPIC PURITY: ≥99% ^{13}C (1,2,3,4,5-$^{13}C_6$)
LAST TESTED: (mm/dd/yyyy) 09/30/2016
EXPIRY DATE: (mm/dd/yyyy) 09/30/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 10/11/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

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HOMOGENEITY:

Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS, LC/MS/MS and/or SFC/UV/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

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$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

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QUALITY MANAGEMENT:

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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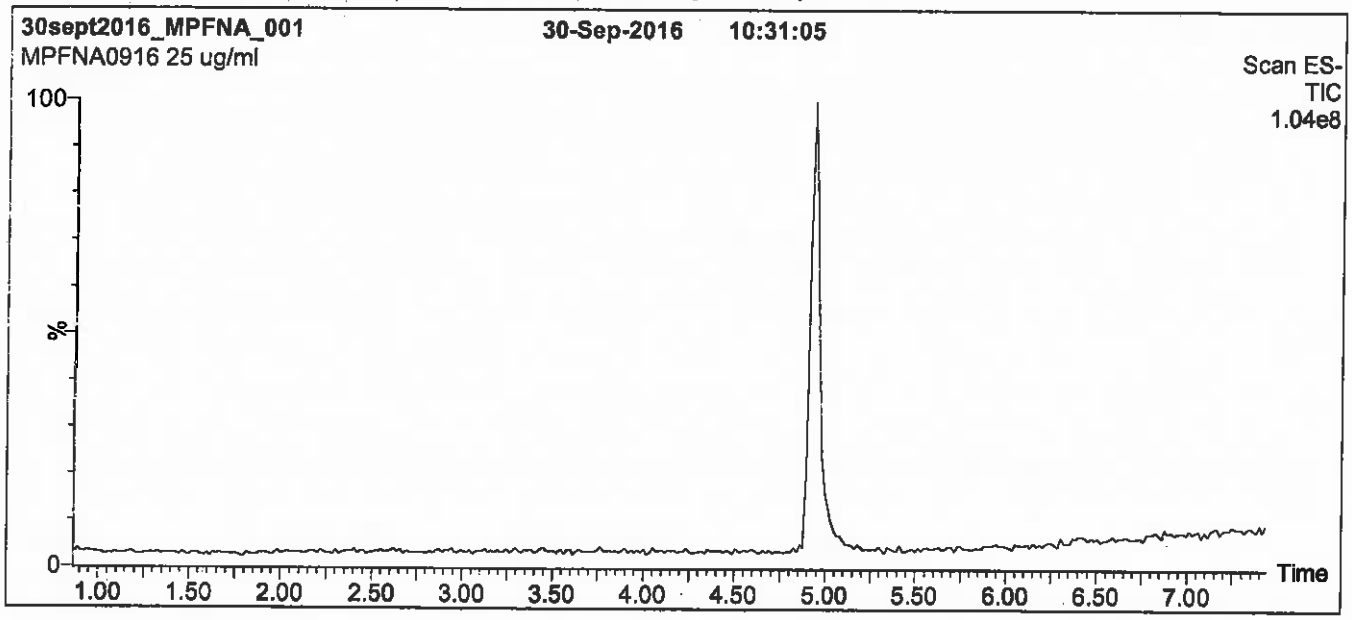
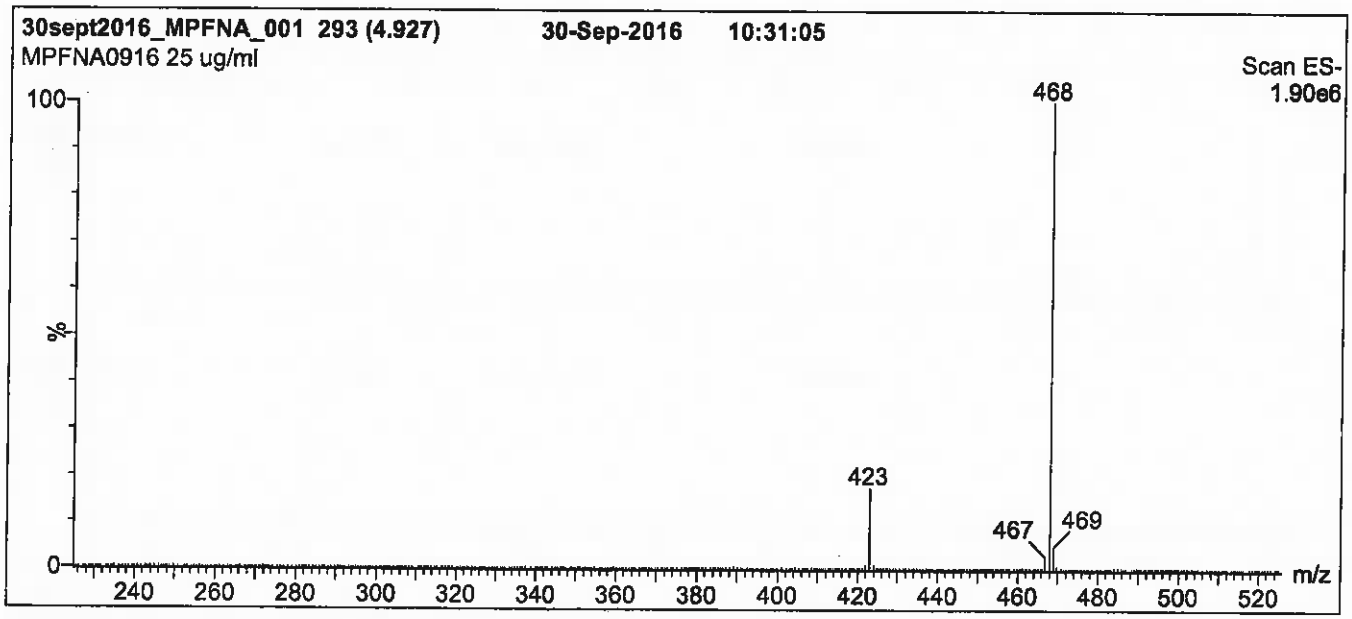
Figure 1: **MPFNA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

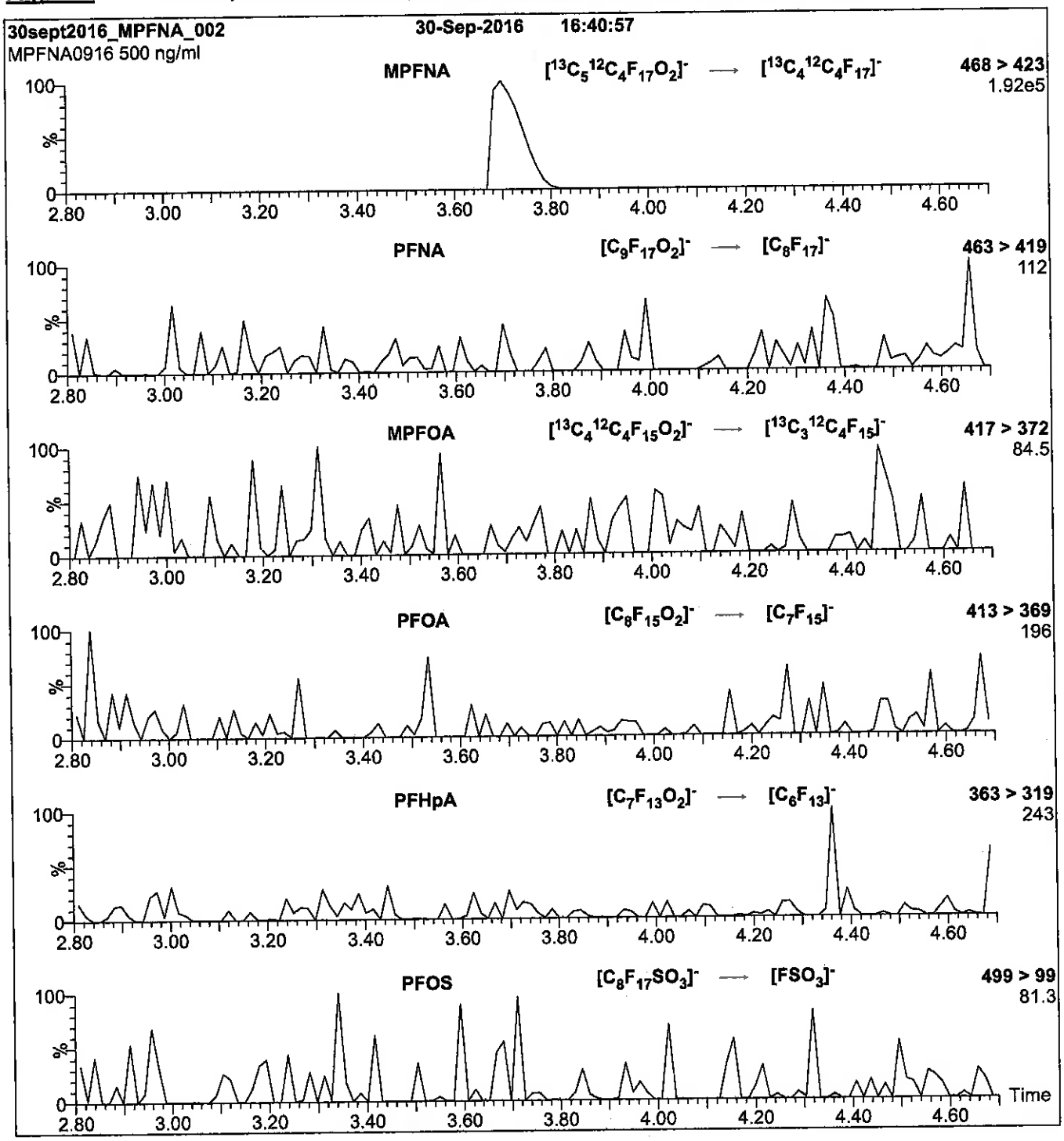
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **MPFNA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml MPFNA)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.39e-3 Collision Energy (eV) = 11
Flow:	300 µl/min	

Reagent

LCMPFOA_00012

R: SBC 9/22/16

738683
ID: LCMPFOA_00012
Exp: 01/22/21 Prpd: SBC
13C4-Perfluorooctanoic ac

WELLINGTON LABORATORIES

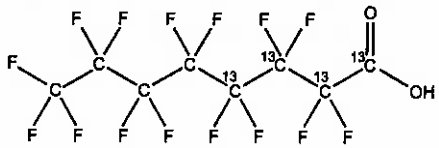
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: MPFOA
COMPOUND: Perfluoro-n-[1,2,3,4-$^{13}C_4$]octanoic acid

LOT NUMBER: MPFOA0116

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA: $^{13}C_4{}^{12}C_4HF_{15}O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 01/22/2016
EXPIRY DATE: (mm/dd/yyyy) 01/22/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

MOLECULAR WEIGHT: 418.04
SOLVENT(S): Methanol
Water (<1%)

ISOTOPIC PURITY: ≥99% ^{13}C
(1,2,3,4-$^{13}C_4$)

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains ~ 0.1% of native perfluoro-n-octanoic acid (PFOA).

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 02/01/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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LIMITED WARRANTY:

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QUALITY MANAGEMENT:

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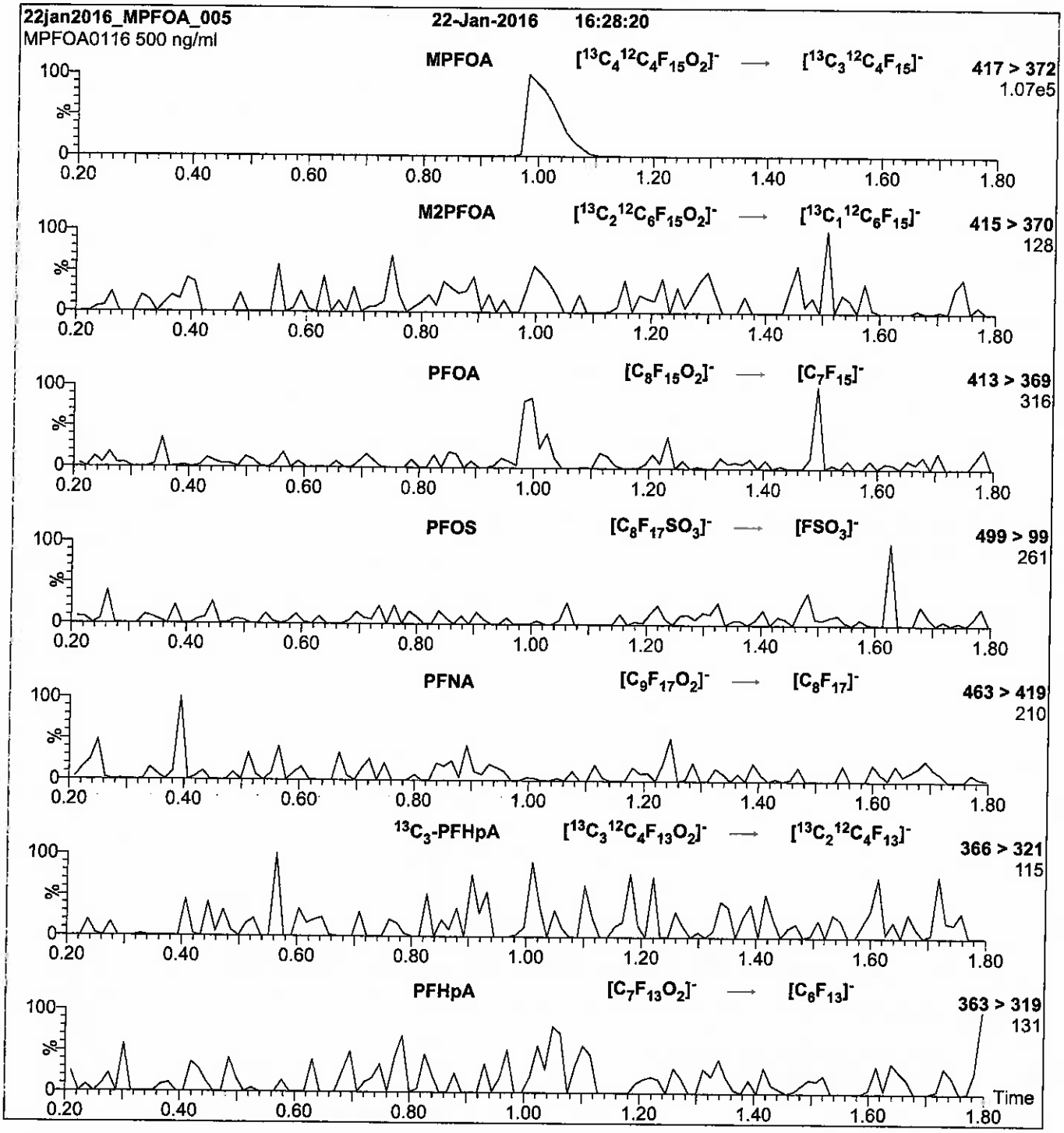
CALA Testing Accreditation No. A 1226

ANAB ACCREDITED ISO 17025 REFERENCE MATERIAL PRODUCER

For additional information or assistance concerning this or any other products from Wellington Laboratories Inc., please visit our website at www.well-labs.com or contact us directly at info@well-labs.com

Figure 2: **MPFOA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml MPFOA)

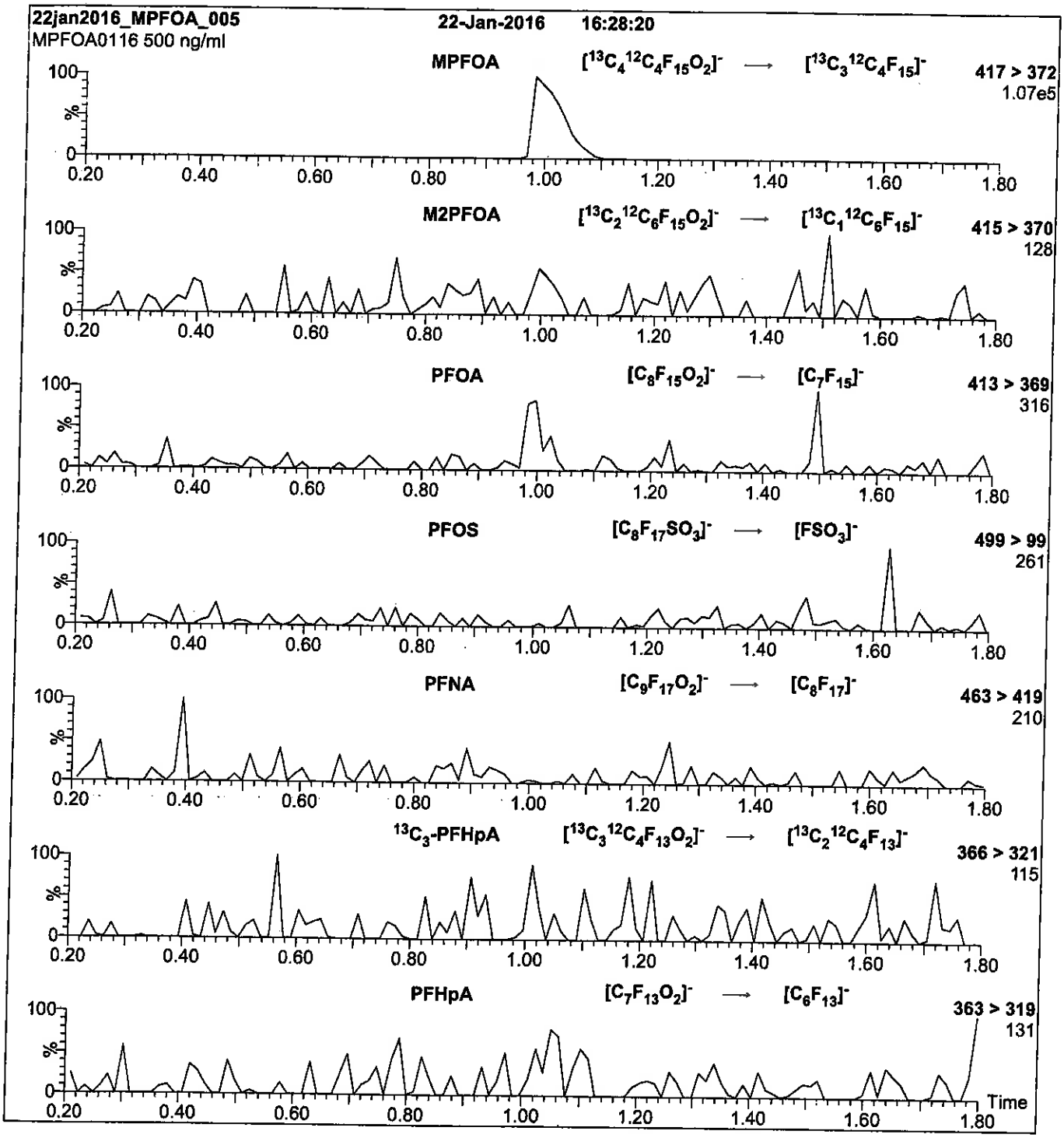
Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.58e-3
Collision Energy (eV) = 10

Figure 2: **MPFOA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml MPFOA)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.58e-3 Collision Energy (eV) = 10
Flow:	300 µl/min	

Reagent

LCMPFOA_00013

r: 3/9/17 SRV

WELLINGTON LABORATORIES

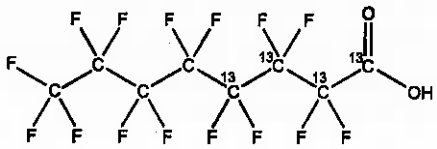
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: MPFOA
COMPOUND: Perfluoro-n-[1,2,3,4-$^{13}C_4$]octanoic acid

LOT NUMBER: MPFOA1016

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA: $^{13}C_4{}^{12}C_4HF_{15}O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 418.04
SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 10/18/2016
EXPIRY DATE: (mm/dd/yyyy) 10/18/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

ISOTOPIC PURITY: ≥99% ^{13}C (1,2,3,4-$^{13}C_4$)

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains ~ 0.1% of native perfluoro-n-octanoic acid (PFOA).

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 10/19/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

Where possible, all of our products are synthesized using single-product unambiguous routes. They are then characterized, and their structures and purities confirmed, using a combination of the most relevant techniques, such as NMR, GC/MS, LC/MS/MS, SFC/UV/MS/MS, x-ray crystallography, and melting point. Isotopic purities of mass-labelled compounds are also confirmed using HRGC/HRMS and/or LC/MS/MS.

HOMOGENEITY:

Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS, LC/MS/MS and/or SFC/UV/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

QUALITY MANAGEMENT:

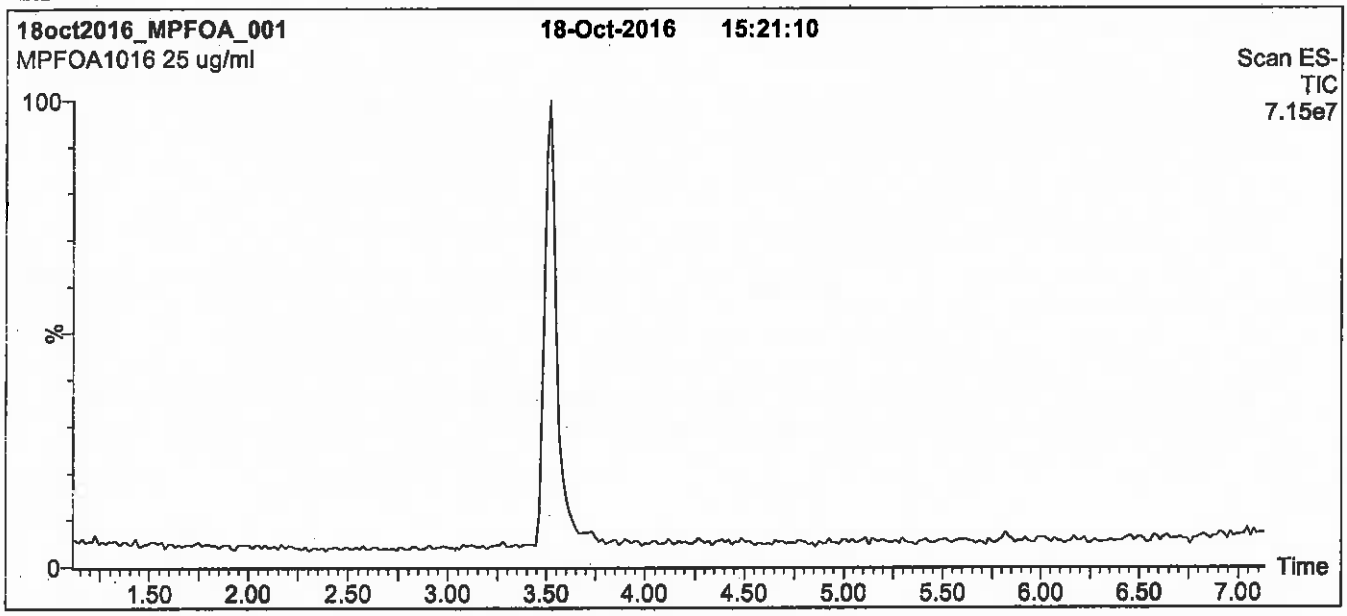
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

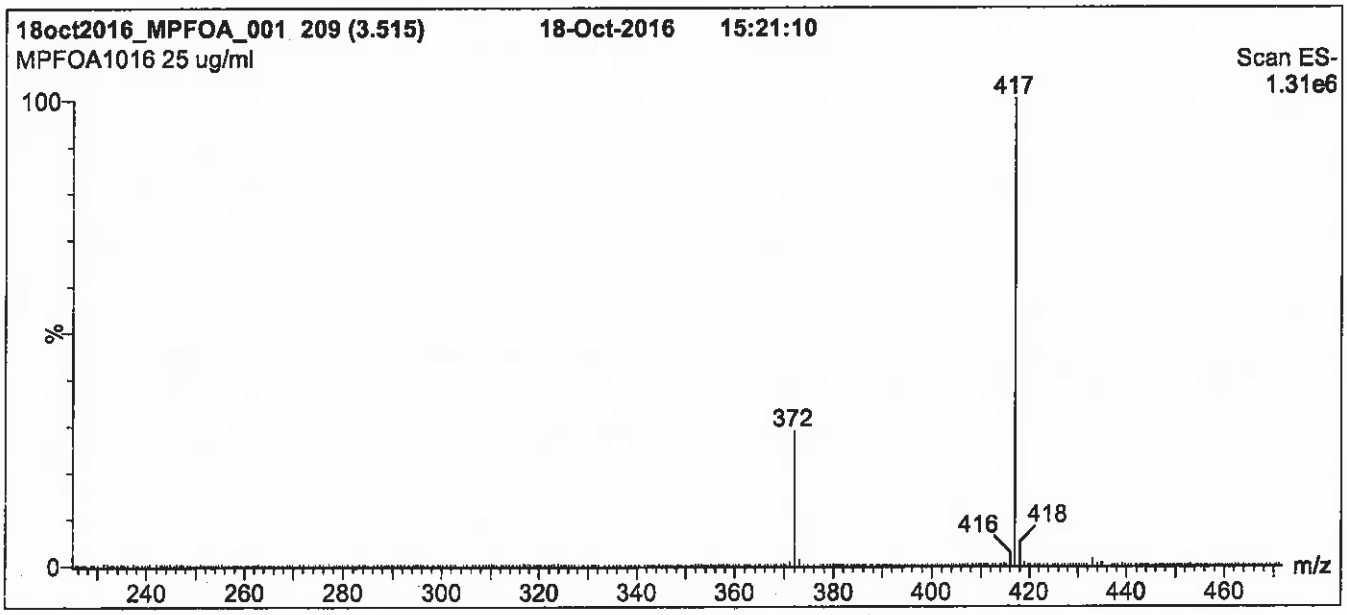
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

For additional information or assistance concerning this or any other products from Wellington Laboratories Inc., please visit our website at www.well-labs.com or contact us directly at info@well-labs.com

Figure 1: **MPFOA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 55% (80:20 MeOH:ACN) / 45% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 2 min
before returning to initial conditions in 0.5 min.
Time: 10 min

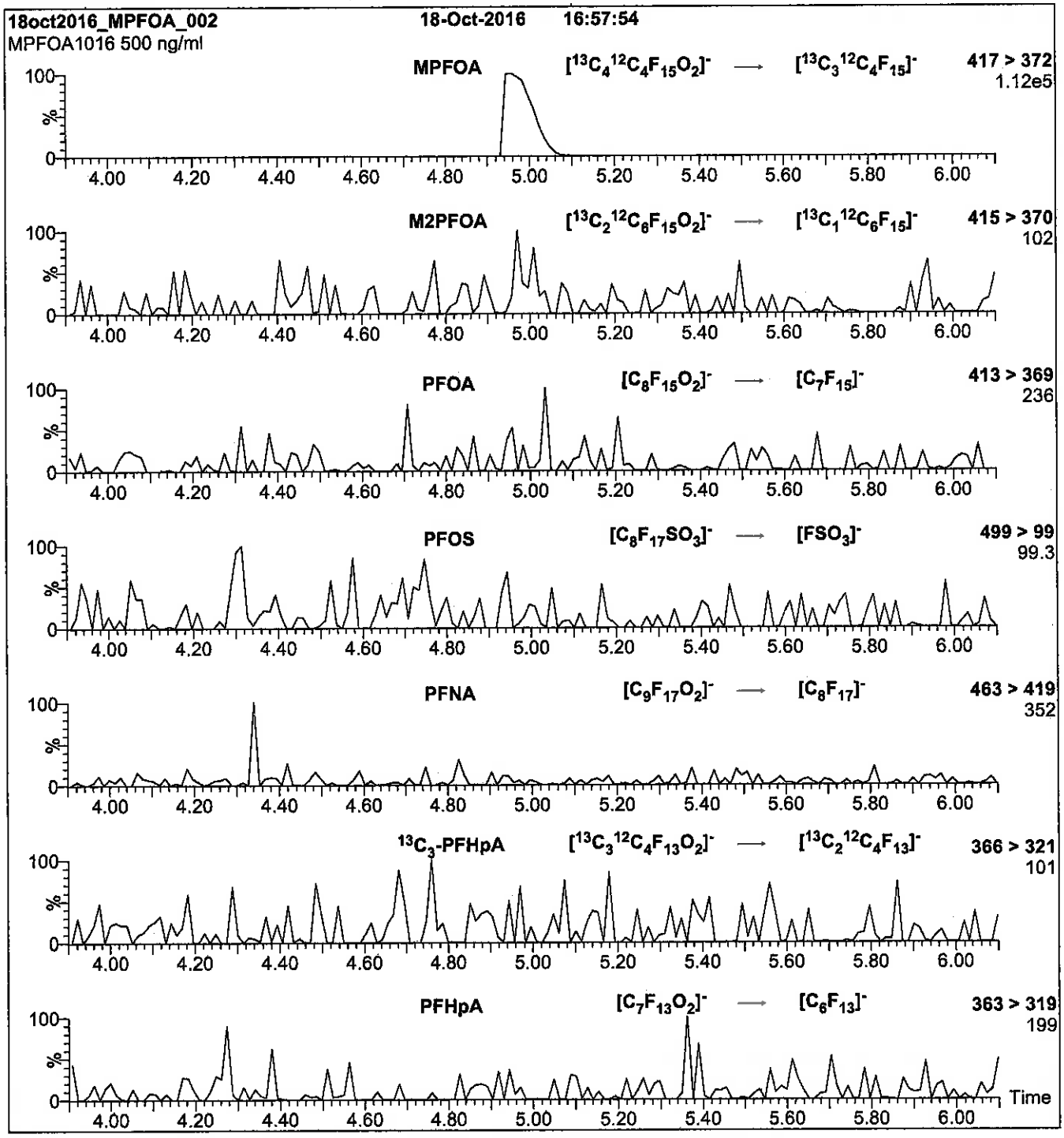
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 100
Desolvation Gas Flow (l/hr) = 750

Figure 2: **MPFOA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml MPFOA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.35e-3
Collision Energy (eV) = 10

Reagent

LCMPFOS_00018

R: SBC 9/22/16

738686
ID: LCMPFOS_00018
Exp: 08/03/21 Prpd: SBC
13C4-Perfluorooctanesulfo

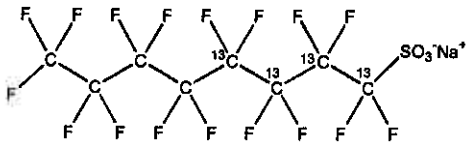
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: MPFOS **LOT NUMBER:** MPFOS0816

COMPOUND: Sodium perfluoro-1-[1,2,3,4-$^{13}C_4$]octanesulfonate

STRUCTURE: **CAS #:** Not available



MOLECULAR FORMULA: $^{13}C_4{}^{12}C_4F_{17}SO_3Na$ **MOLECULAR WEIGHT:** 526.08

CONCENTRATION: 50.0 ± 2.5 µg/ml (Na salt) **SOLVENT(S):** Methanol
47.8 ± 2.4 µg/ml (MPFOS anion)

CHEMICAL PURITY: >98% **ISOTOPIC PURITY:** ≥99% ^{13}C (1,2,3,4-$^{13}C_4$)

LAST TESTED: (mm/dd/yyyy) 08/03/2016

EXPIRY DATE: (mm/dd/yyyy) 08/03/2021

RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains ~ 0.8% Sodium perfluoro-1-[1,2,3-$^{13}C_3$]heptanesulfonate.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 08/05/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

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EXPIRY DATE / PERIOD OF VALIDITY:

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CALA

ANAB ACCREDITED

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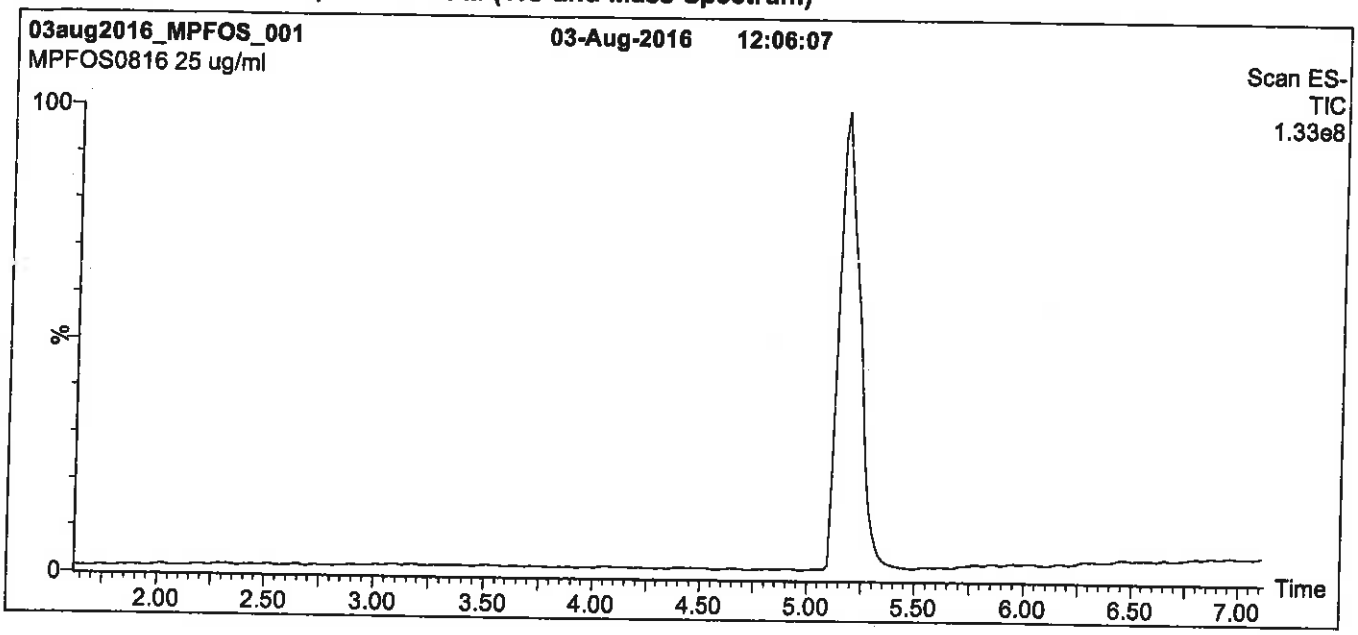
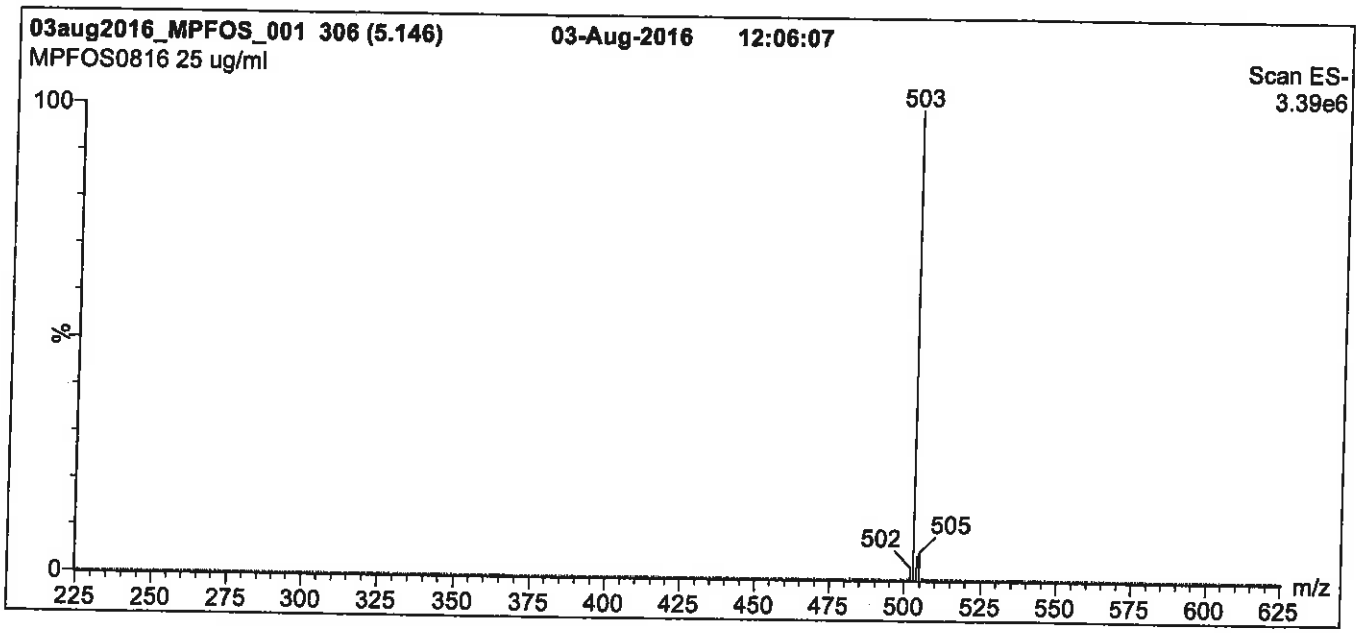




Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 45% (80:20 MeOH:ACN) / 55% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min

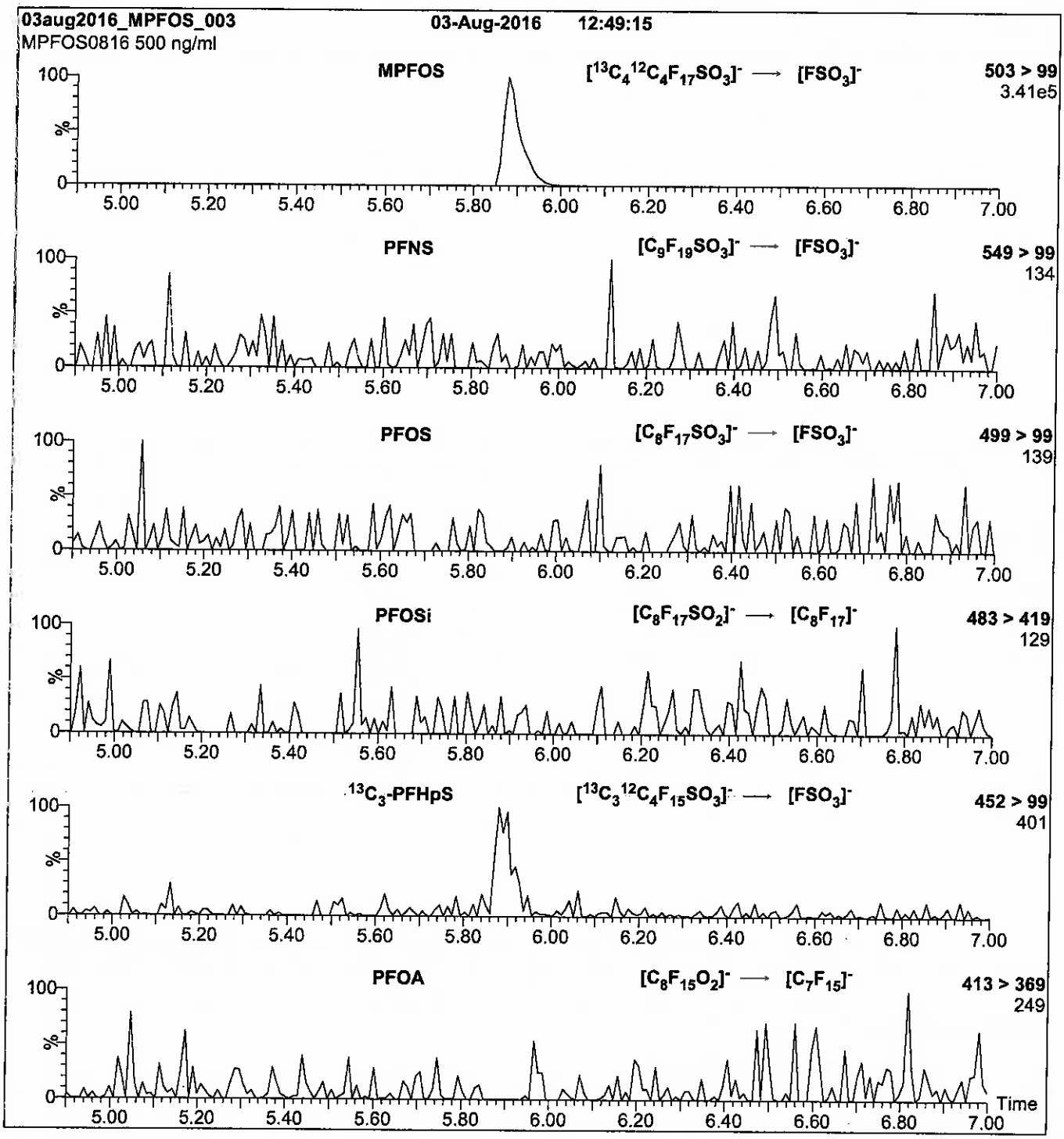
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 60.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **MPFOS; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml MPFOS)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.46e-3 Collision Energy (eV) = 40
Flow:	300 µl/min	

Reagent

LCMPFOS_00020

r: 3/21/17 SKV

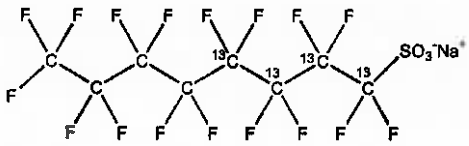
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: MPFOS **LOT NUMBER:** MPFOS1216

COMPOUND: Sodium perfluoro-1-[1,2,3,4-$^{13}C_4$]octanesulfonate

STRUCTURE: **CAS #:** Not available



MOLECULAR FORMULA:	$^{13}C_4{}^{12}C_4F_{17}SO_3Na$	**MOLECULAR WEIGHT:**	526.08
CONCENTRATION:	50.0 ± 2.5 µg/ml (Na salt) 47.8 ± 2.4 µg/ml (MPFOS anion)	**SOLVENT(S):**	Methanol
CHEMICAL PURITY:	>98%	**ISOTOPIC PURITY:**	≥99% ^{13}C (1,2,3,4-$^{13}C_4$)
LAST TESTED: (mm/dd/yyyy)	12/12/2016		
EXPIRY DATE: (mm/dd/yyyy)	12/12/2021		
RECOMMENDED STORAGE:	Store ampoule in a cool, dark place		

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains ~ 0.8% Sodium perfluoro-1-[1,2,3-$^{13}C_3$]heptanesulfonate.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 12/14/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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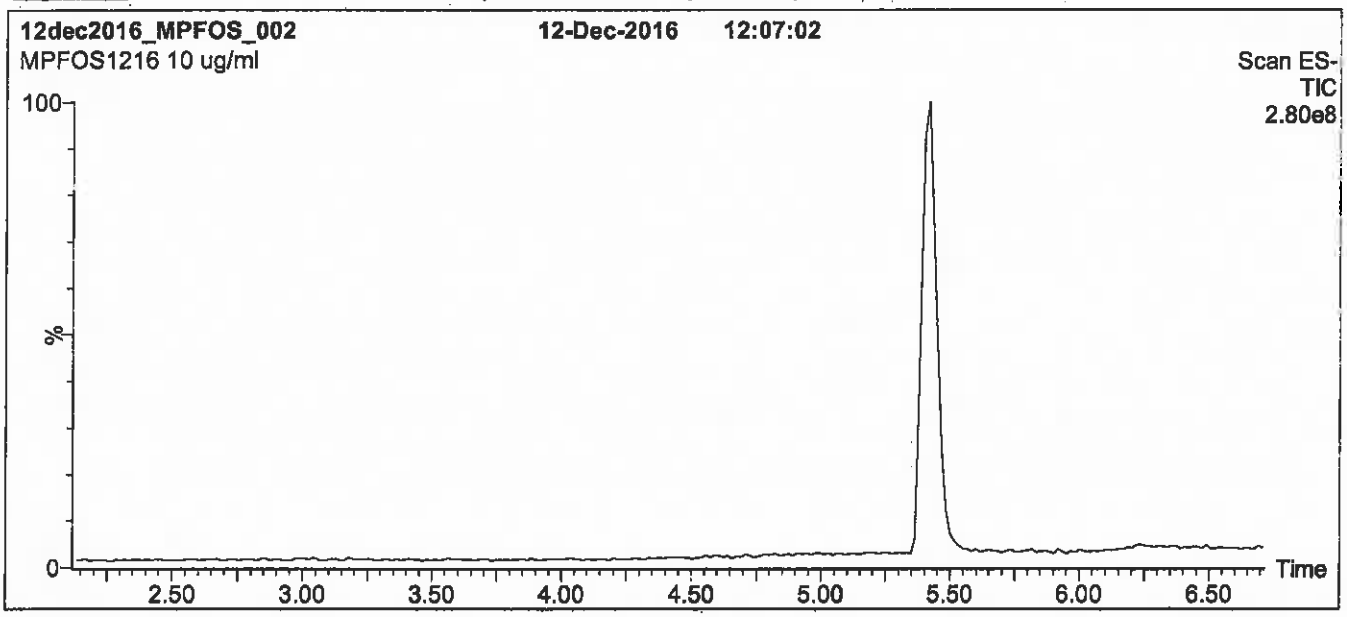
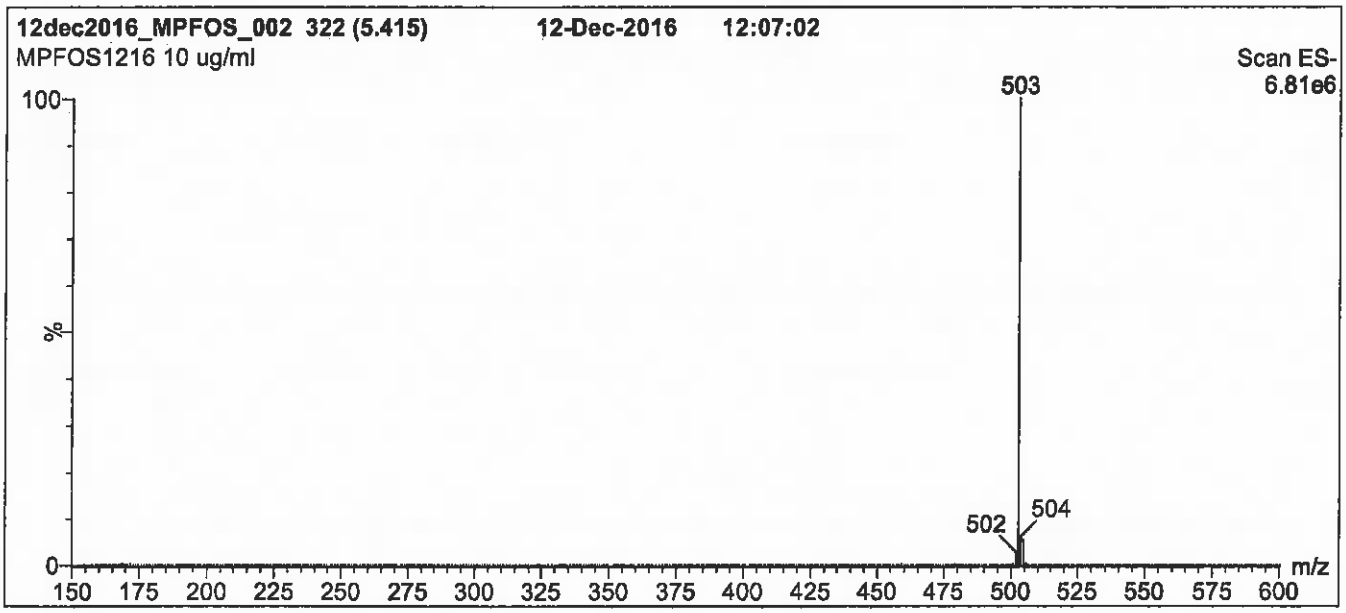




Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 85% organic over 7.5 min and hold for 1.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min

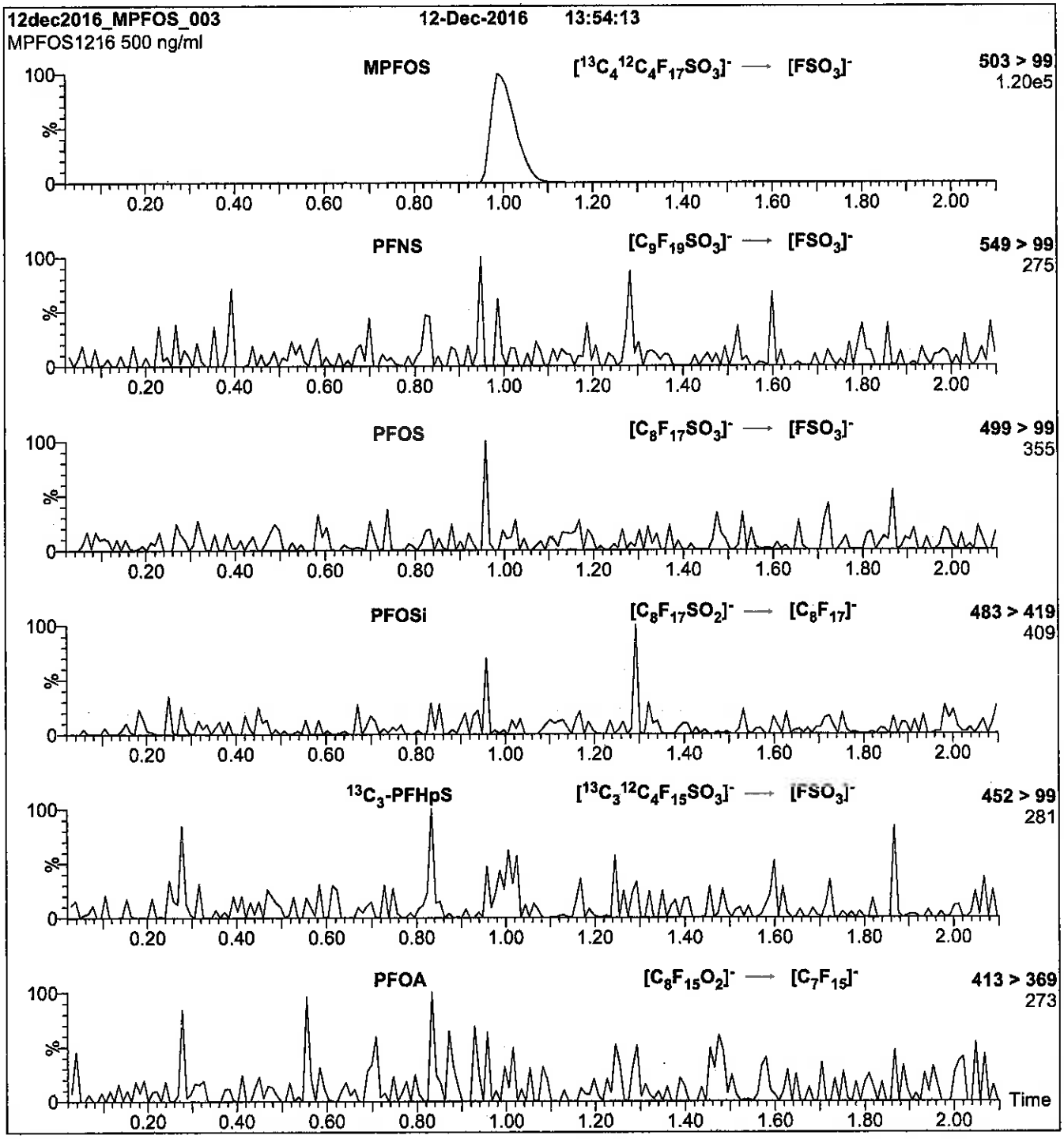
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 60.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **MPFOS; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml MPFOS)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.35e-3
Collision Energy (eV) = 40

Reagent

LCMPFUdA_00009

R: SBC 9/22/16

739604
ID: LCMPFUdA_00009
Exp: 02/12/21 Prpd: SBC
13C2-Perfluoroundecanoic

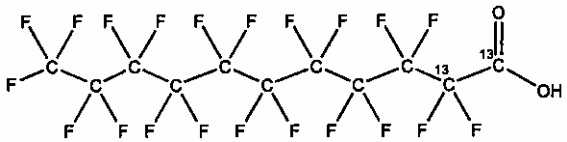
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

Scanned 10/14/16 SBC

PRODUCT CODE: MPFUdA
LOT NUMBER: MPFUdA0216
COMPOUND: Perfluoro-n-[1,2-$^{13}C_2$]undecanoic acid

STRUCTURE:
CAS #: Not available



MOLECULAR FORMULA: $^{13}C_2{}^{12}C_9HF_{21}O_2$
MOLECULAR WEIGHT: 566.08
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol, Water (<1%)
CHEMICAL PURITY: >98%
ISOTOPIC PURITY: ≥99% ^{13}C (1,2-$^{13}C_2$)
LAST TESTED: (mm/dd/yyyy) 02/12/2016
EXPIRY DATE: (mm/dd/yyyy) 02/12/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Presence of 1-$^{13}C_1$-PFUdA (~1%; see Figure 2), 2-$^{13}C_1$-PFUdA (~1%), and PFUdA (~0.2%; see Figure 2) are due to the isotopic purity of the ^{13}C-precursor.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 02/24/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
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This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

Where possible, all of our products are synthesized using single-product unambiguous routes. They are then characterized, and their structures and purities confirmed, using a combination of the most relevant techniques, such as NMR, GC/MS, LC/MS/MS, SFC/UV/MS/MS, x-ray crystallography, and melting point. Isotopic purities of mass-labelled compounds are also confirmed using HRGC/HRMS and/or LC/MS/MS.

HOMOGENEITY:

Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS, LC/MS/MS and/or SFC/UV/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

QUALITY MANAGEMENT:

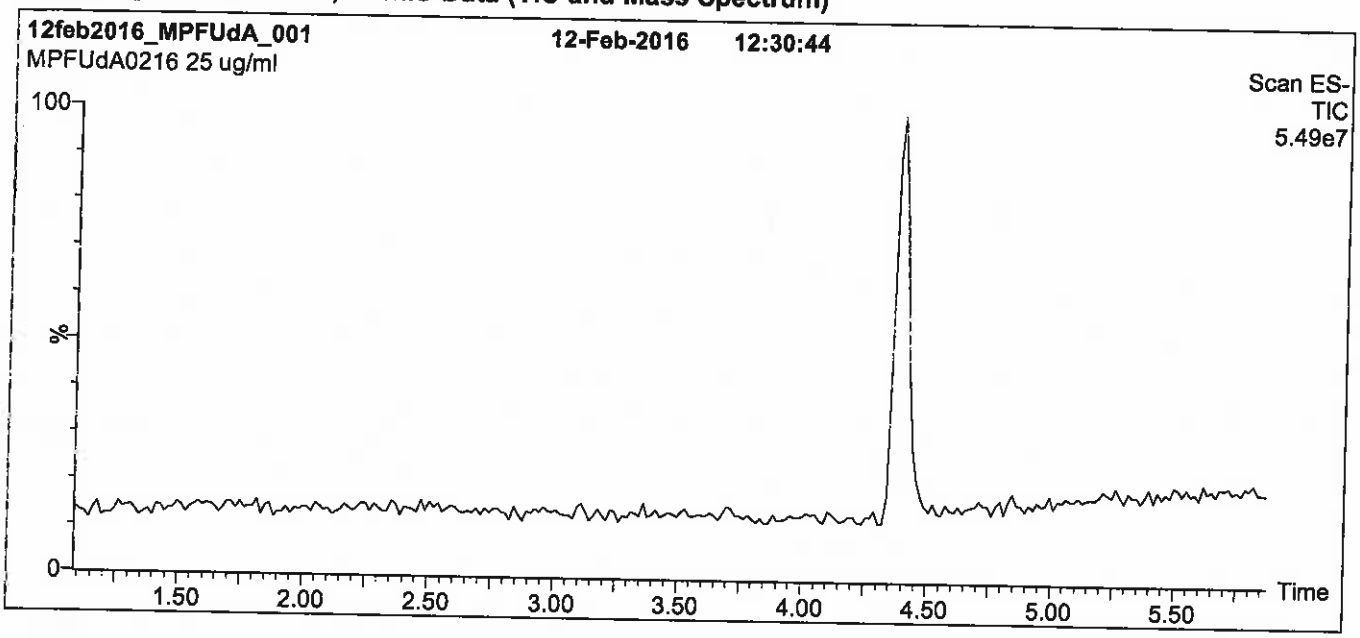
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

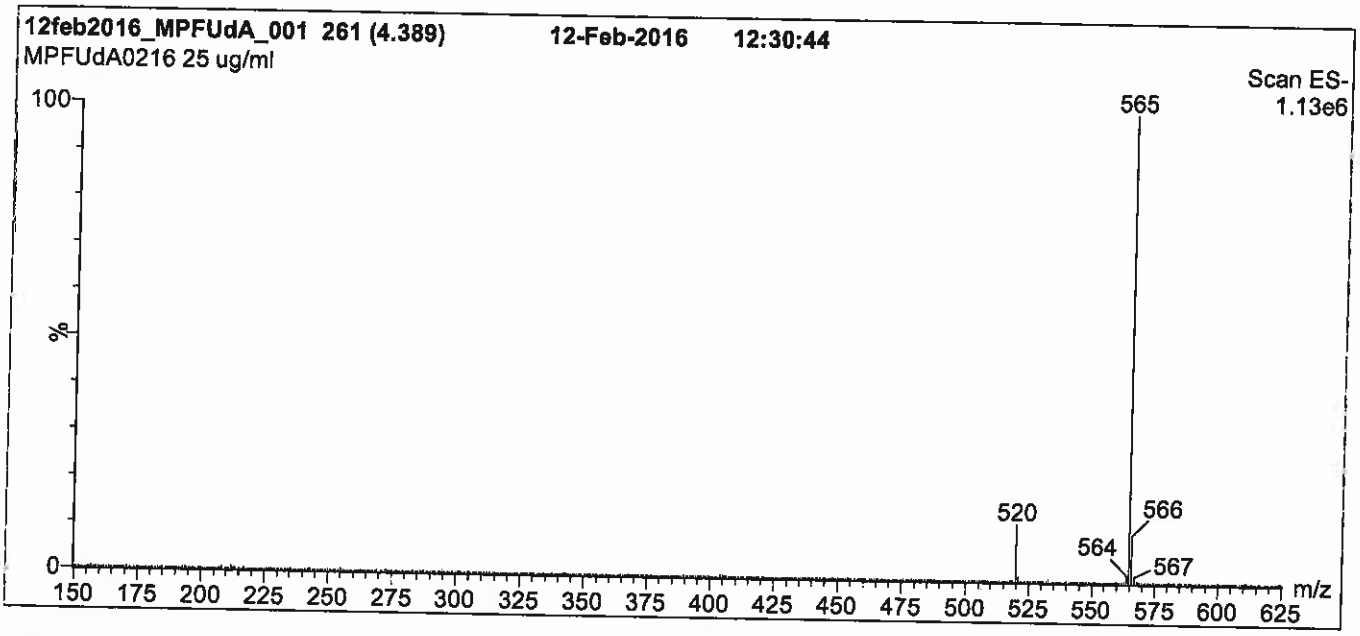
CALA testing

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

For additional information or assistance concerning this or any other products from Wellington Laboratories Inc., please visit our website at www.well-labs.com or contact us directly at info@well-labs.com

Figure 1: **MPFUdA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 60% (80:20 MeOH:ACN) / 40% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for
1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

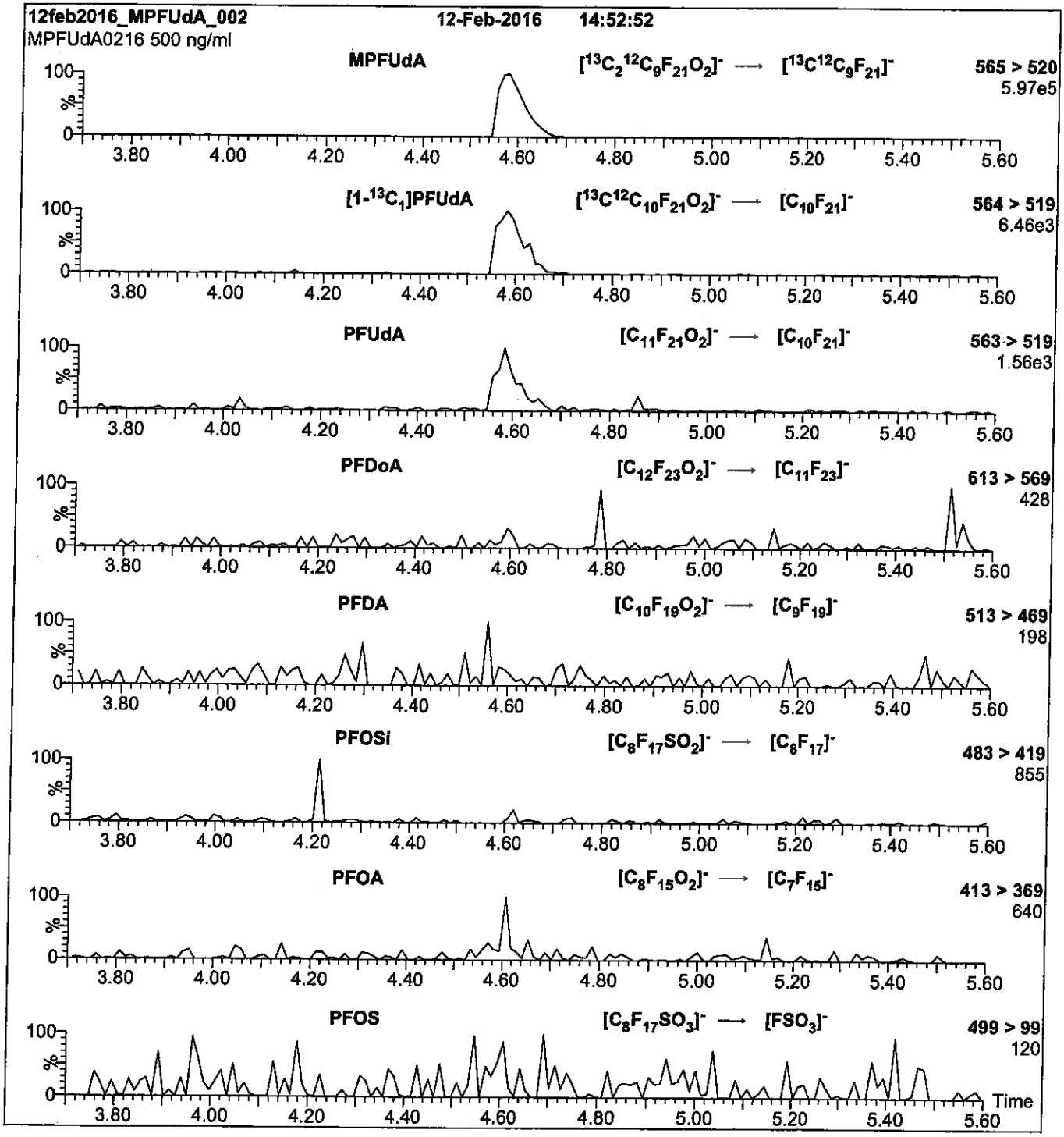
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 65
Desolvation Gas Flow (l/hr) = 750

Figure 2: **MPFUdA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml MPFUdA)

Mobile phase: Isocratic 80% MeOH / 20% H_2O

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.35e-3
Collision Energy (eV) = 11

Reagent

LCMPFUdA_00010

r: 3/9/17 SKJ

WELLINGTON LABORATORIES

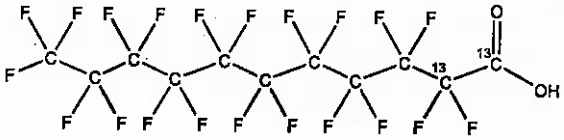
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: MPFUdA
COMPOUND: Perfluoro-n-[1,2-$^{13}C_2$]undecanoic acid

LOT NUMBER: MPFUdA1116

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA: $^{13}C_2{}^{12}C_9HF_{21}O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 566.08
SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 11/22/2016
EXPIRY DATE: (mm/dd/yyyy) 11/22/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

ISOTOPIC PURITY: ≥99% ^{13}C (1,2-$^{13}C_2$)

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Presence of 1-$^{13}C_1$-PFUdA (~1%; see Figure 2), 2-$^{13}C_1$-PFUdA (~1%), and PFUdA (~0.2%; see Figure 2) are due to the isotopic purity of the ^{13}C-precursor.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 12/07/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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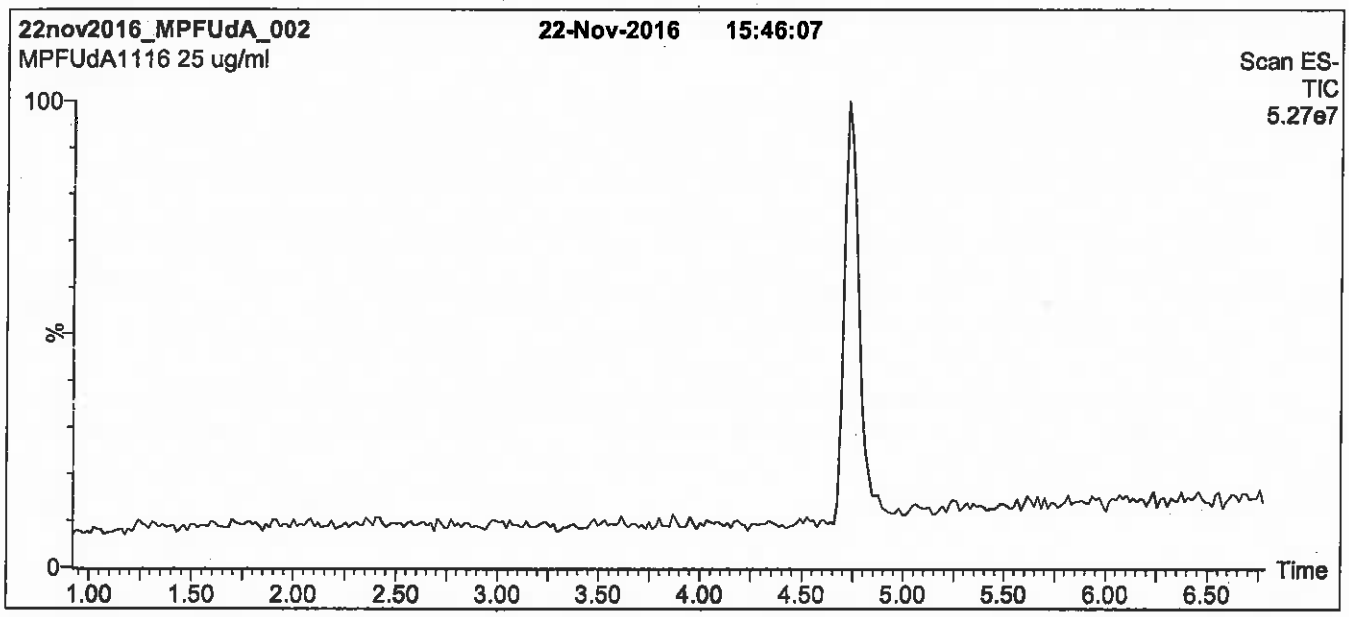
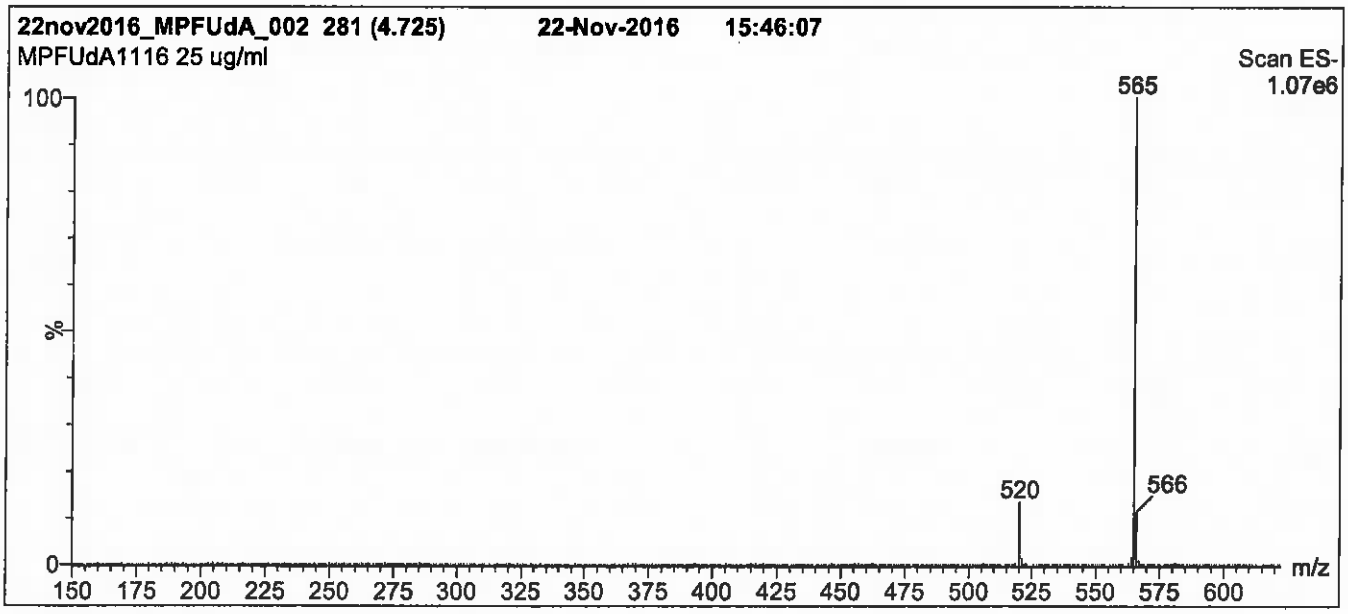
Figure 1: **MPFUdA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 60% (80:20 MeOH:ACN) / 40% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for
1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

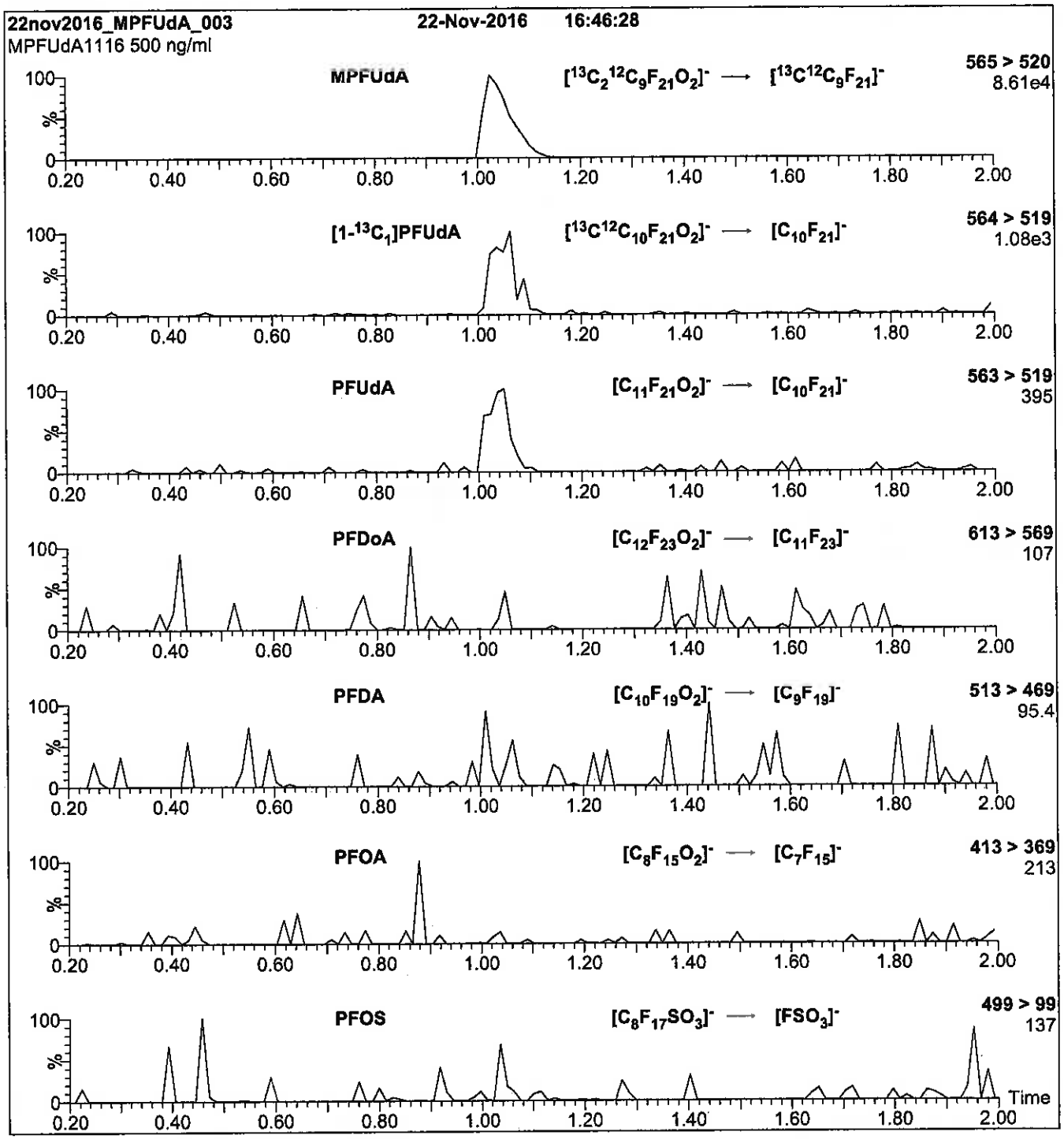
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 65
Desolvation Gas Flow (l/hr) = 750

Figure 2: **MPFUdA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml MPFUdA)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.46e-3 Collision Energy (eV) = 11
Flow:	300 µl/min	

Reagent

LCN-EtFOSA-M_00003

R: 8/23/16 SBC

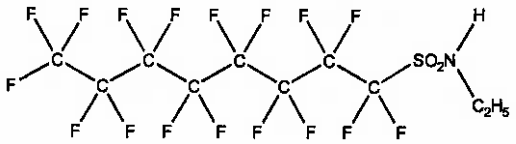
715563
ID: LCN-EtFOSA-M_00003
Exp: 05/24/21 Prpd: SBC
N-EtFOSA-M

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: N-EtFOSA-M
COMPOUND: N-ethylperfluoro-1-octanesulfonamide
LOT NUMBER: NEtFOSA0516M

STRUCTURE:
CAS #: 4151-50-2



MOLECULAR FORMULA: $C_{10}H_8F_{17}NO_2S$
MOLECULAR WEIGHT: 527.20
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol
CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 05/24/2016
EXPIRY DATE: (mm/dd/yyyy) 05/24/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 05/27/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

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UNCERTAINTY:

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TRACEABILITY:

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CALA Testing

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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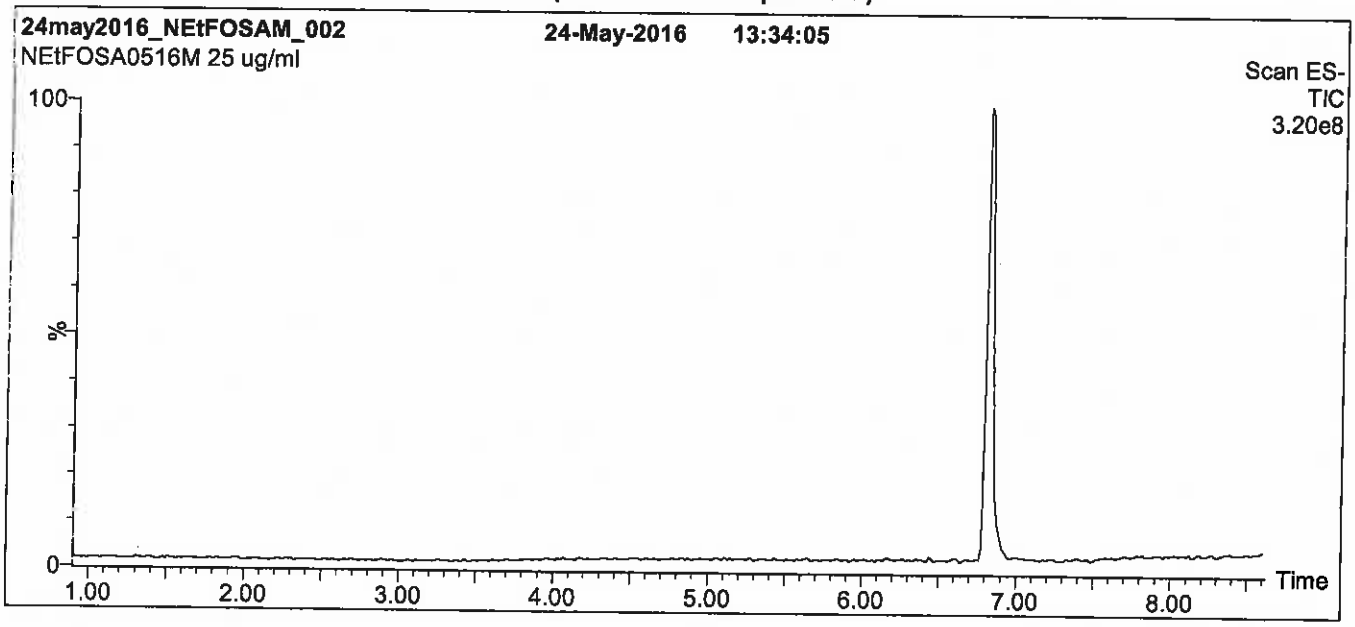
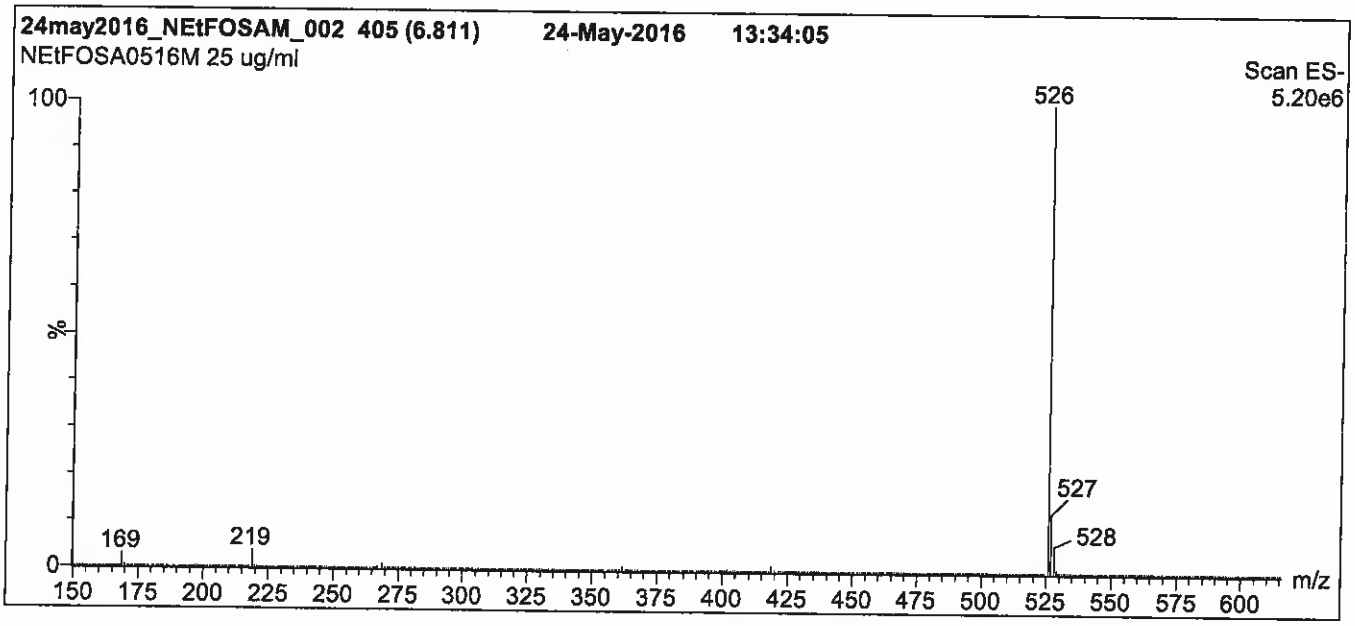
Figure 1: **N-EtFOSA-M; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 45% H_2O / 55% (80:20 MeOH:ACN)
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7.5 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

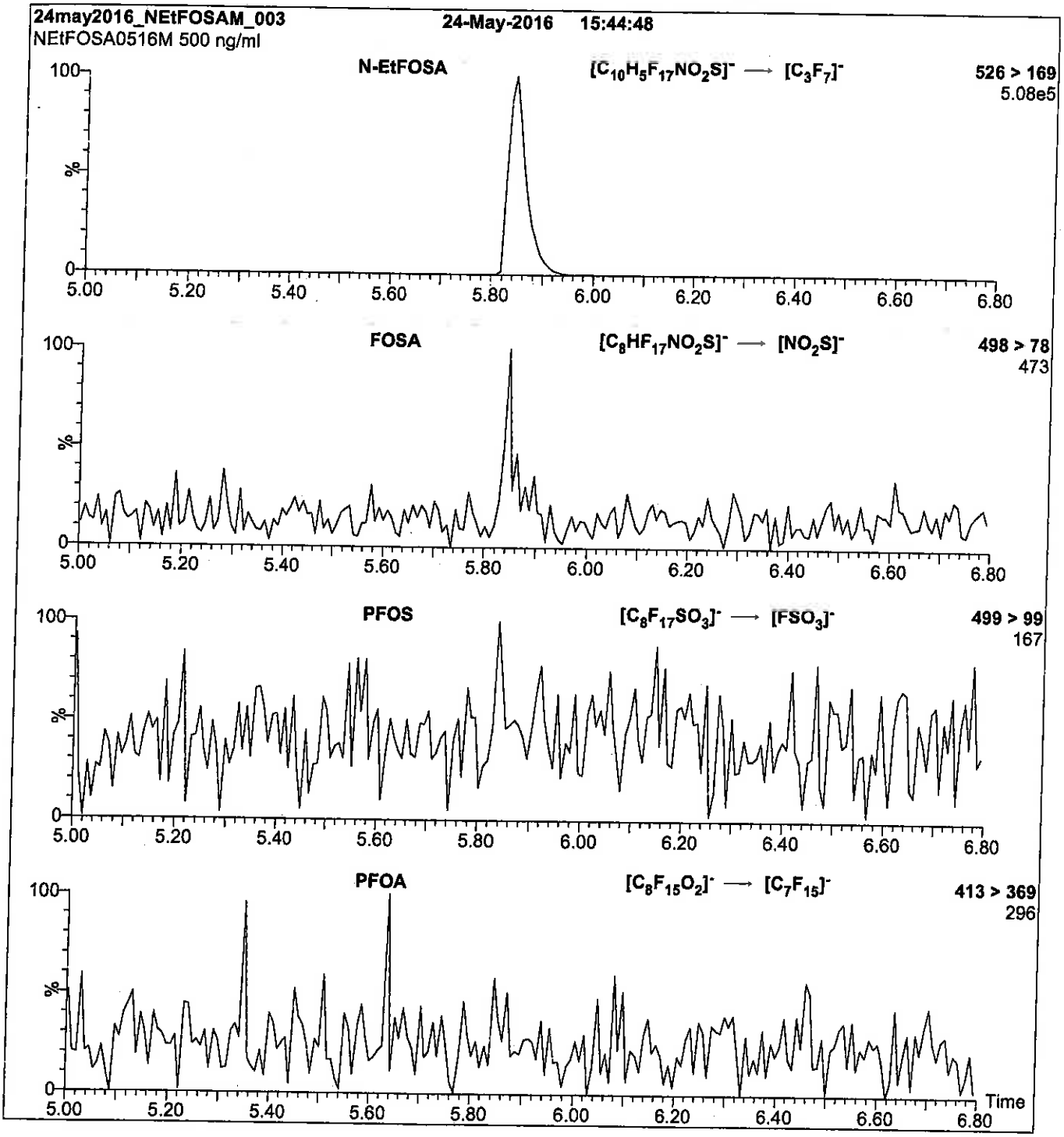
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.50
Cone Voltage (V) = 40.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **N-EtFOSA-M; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml N-EtFOSA-M)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.54e-3
Collision Energy (eV) = 30

Reagent

LCN-EtFOSAA_00002

R: 8/23/16 SBC

715561
ID: LCN-EtFOSAA_00002
Exp: 01/20/21 Prpd: SBC
N-EtFOSAA

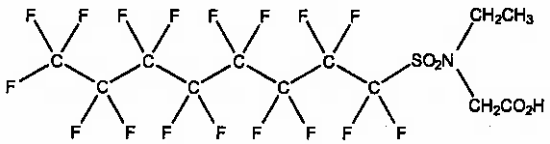
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE: N-EtFOSAA **LOT NUMBER:** NEtFOSAA0116

COMPOUND: N-ethylperfluoro-1-octanesulfonamidoacetic acid

STRUCTURE: **CAS #:** 2991-50-6



MOLECULAR FORMULA: $C_{12}H_8F_{17}NO_4S$ **MOLECULAR WEIGHT:** 585.23

CONCENTRATION: 50 ± 2.5 µg/ml **SOLVENT(S):** Methanol, Water (<1%)

CHEMICAL PURITY: >98%

LAST TESTED: (mm/dd/yyyy) 01/20/2016

EXPIRY DATE: (mm/dd/yyyy) 01/20/2021

RECOMMENDED STORAGE: Refrigerate ampoule

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent the conversion of the acetic acid moiety to the methyl ester.

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Certified By: B.G. Chittim **Date:** 01/21/2016 (mm/dd/yyyy)

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LIMITED WARRANTY:

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QUALITY MANAGEMENT:

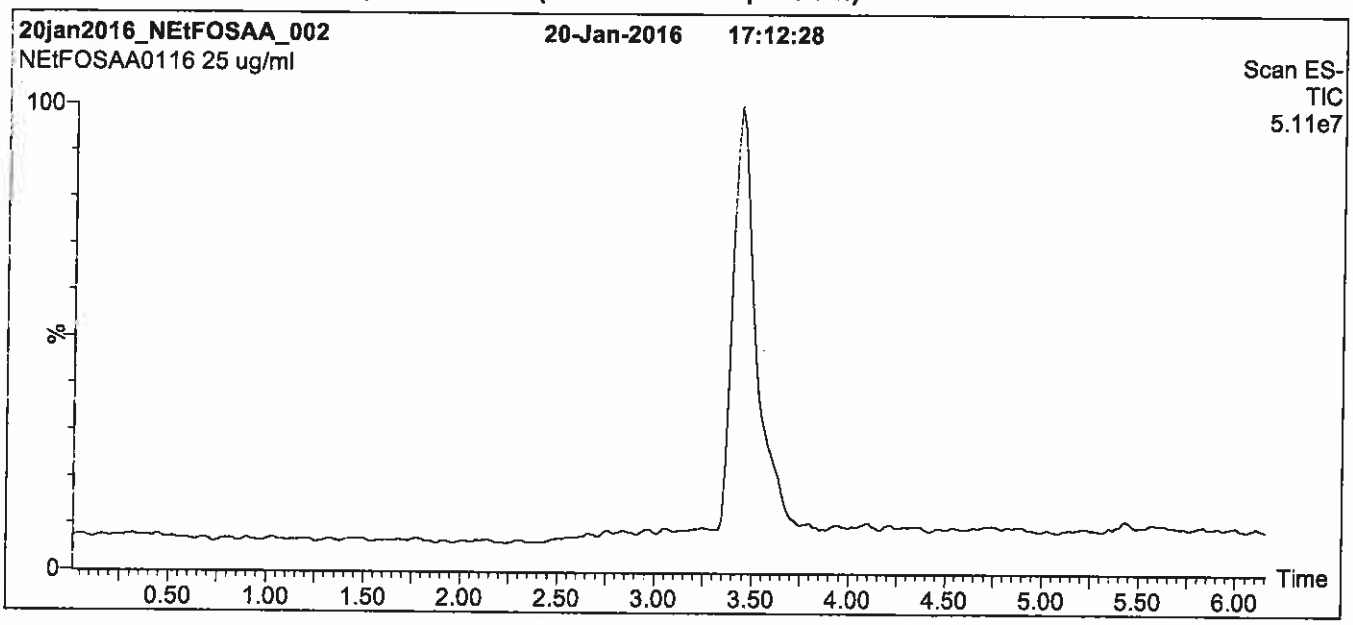
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

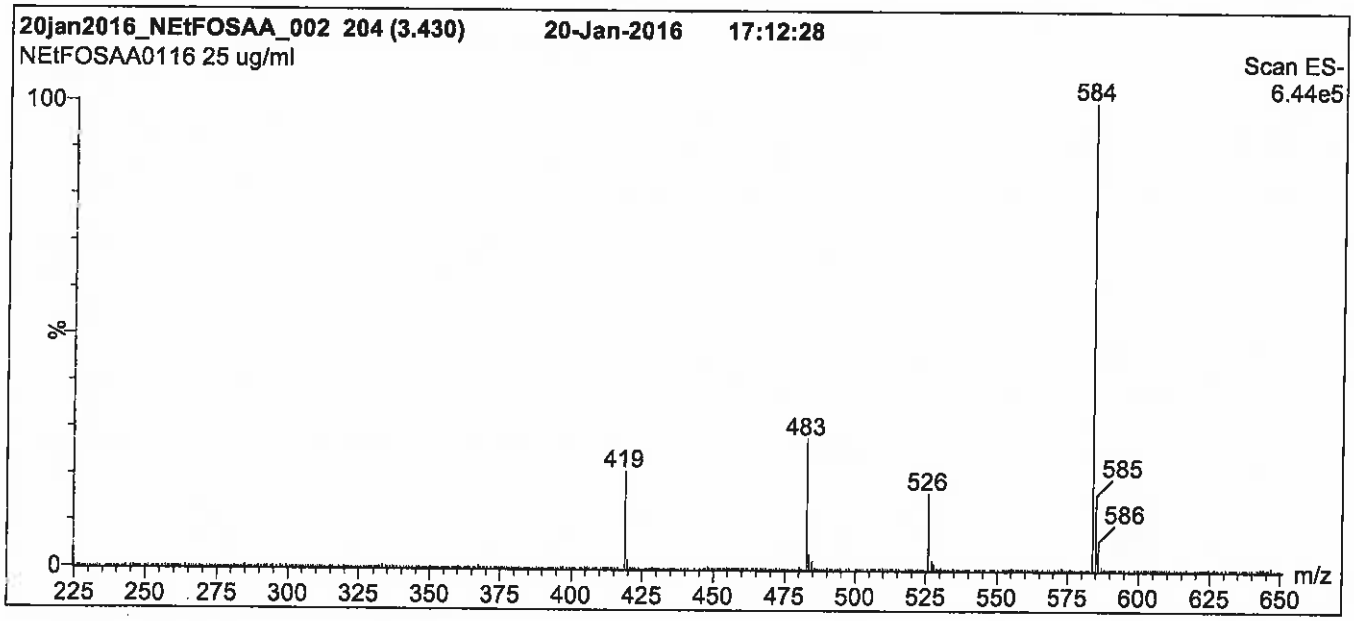
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

For additional information or assistance concerning this or any other products from Wellington Laboratories Inc., please visit our website at www.well-labs.com or contact us directly at info@well-labs.com

Figure 1: **N-EtFOSAA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 60% (80:20 MeOH:ACN) / 40% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min

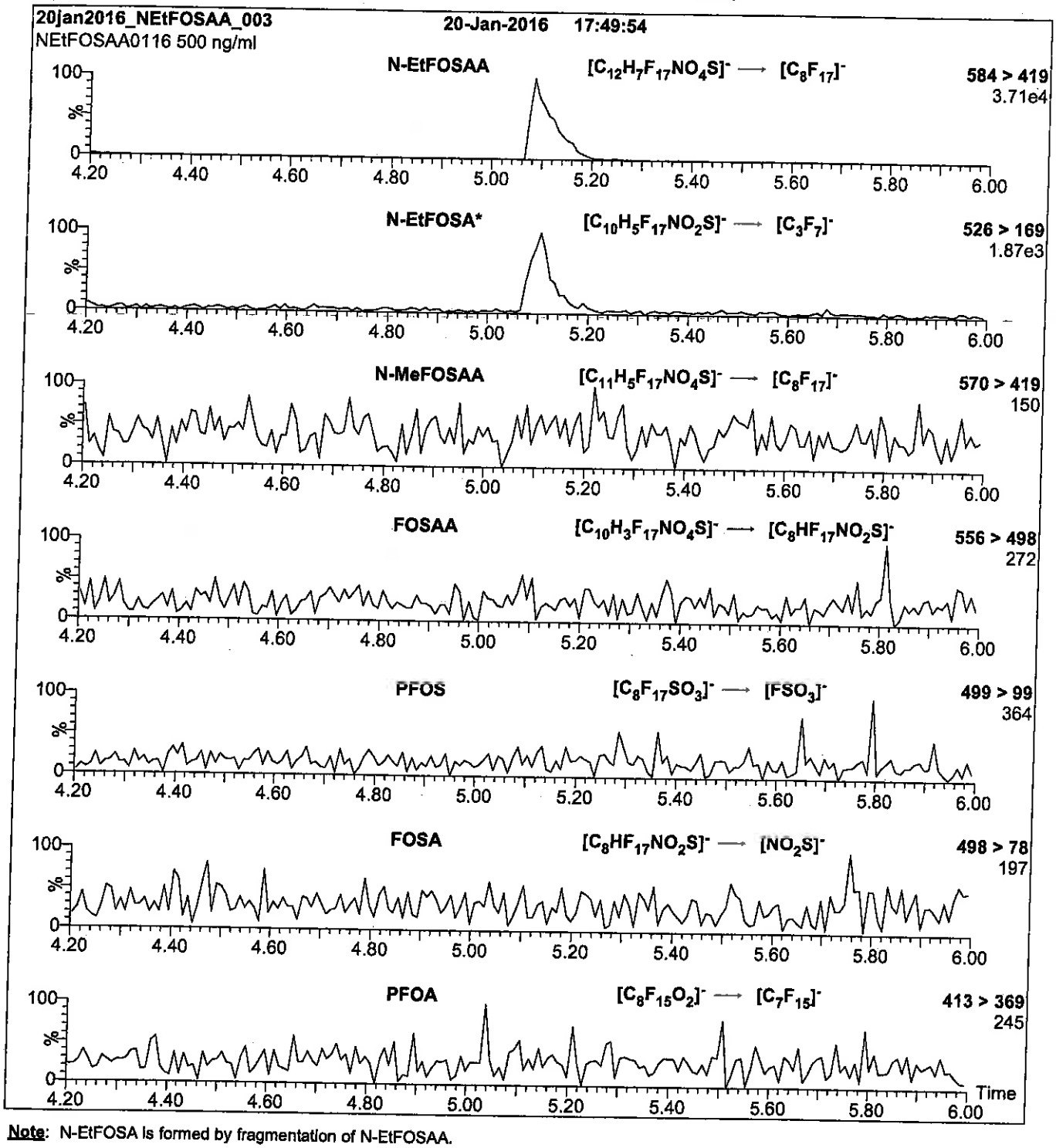
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 35.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **N-EtFOSAA; LC/MS/MS Data (Selected MRM Transitions)**



Note: N-EtFOSA is formed by fragmentation of N-EtFOSAA.

Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml N-EtFOSAA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.66e-3
Collision Energy (eV) = 25

Reagent

LCN-MeFOSA-M_00002

R: 8/23/16 SBC

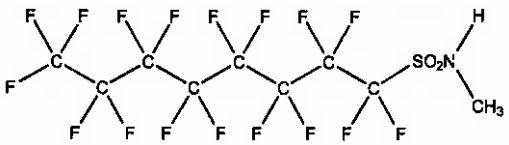
715564
ID: LCN-MeFOSA-M_00002
Exp: 05/24/21 Prpd: SBC
N-MeFOSA-M

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: N-MeFOSA-M
COMPOUND: N-methylperfluoro-1-octanesulfonamide
LOT NUMBER: NMeFOSA0516M

STRUCTURE:
CAS #: 31506-32-8



MOLECULAR FORMULA:	$C_8H_4F_{17}NO_2S$	**MOLECULAR WEIGHT:**	513.17
CONCENTRATION:	50 ± 2.5 µg/ml	**SOLVENT(S):**	Methanol
CHEMICAL PURITY:	>98%		
LAST TESTED: (mm/dd/yyyy)	05/24/2016		
EXPIRY DATE: (mm/dd/yyyy)	05/24/2021		
RECOMMENDED STORAGE:	Store ampoule in a cool, dark place		

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 05/26/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

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HOMOGENEITY:

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UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

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CALA

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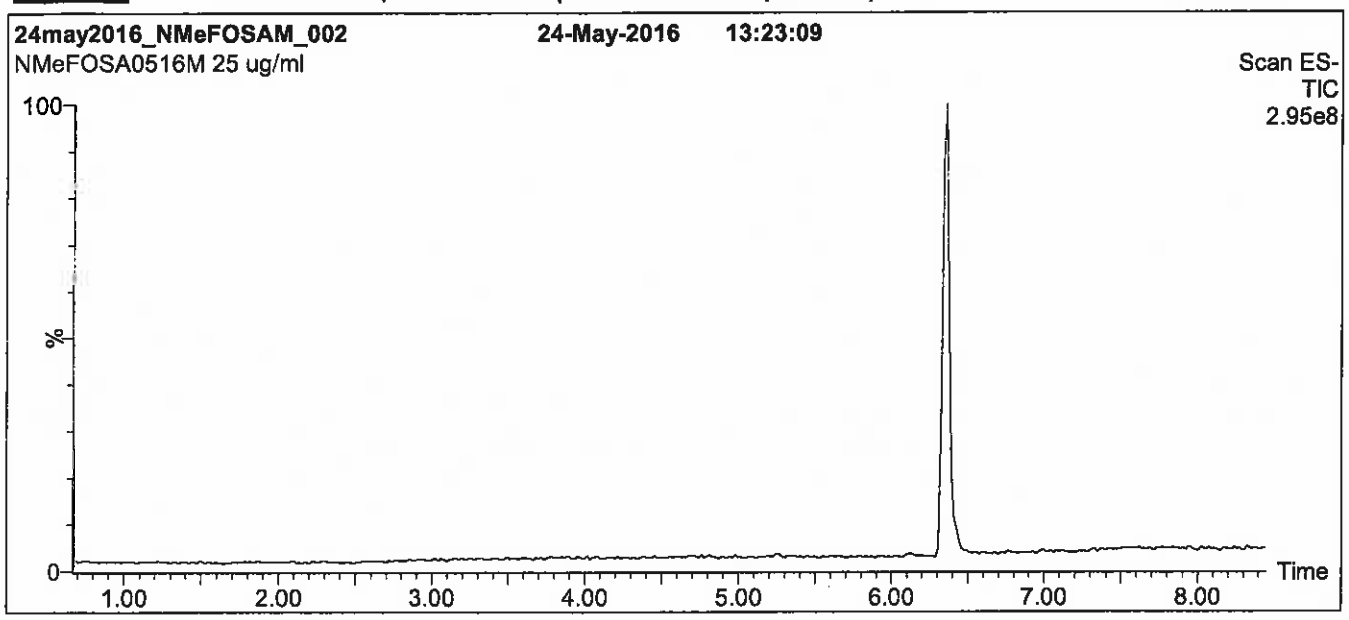
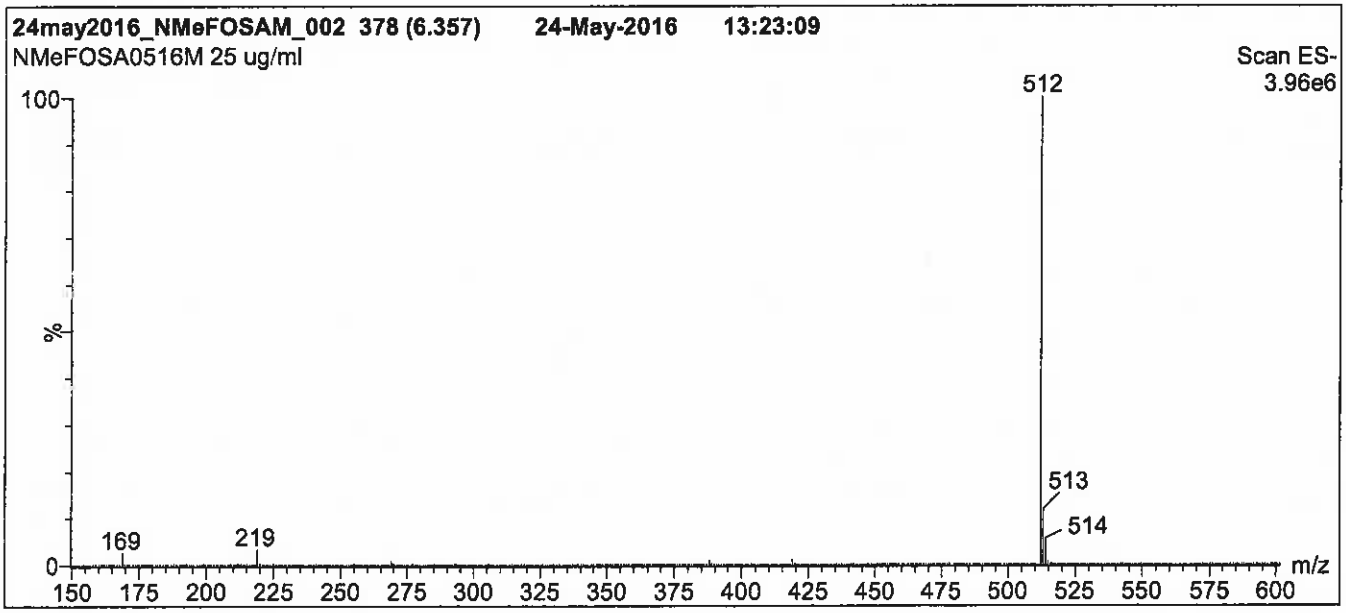
Figure 1: **N-MeFOSA-M; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 45% H_2O / 55% (80:20 MeOH:ACN)
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7.5 min and hold for
1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

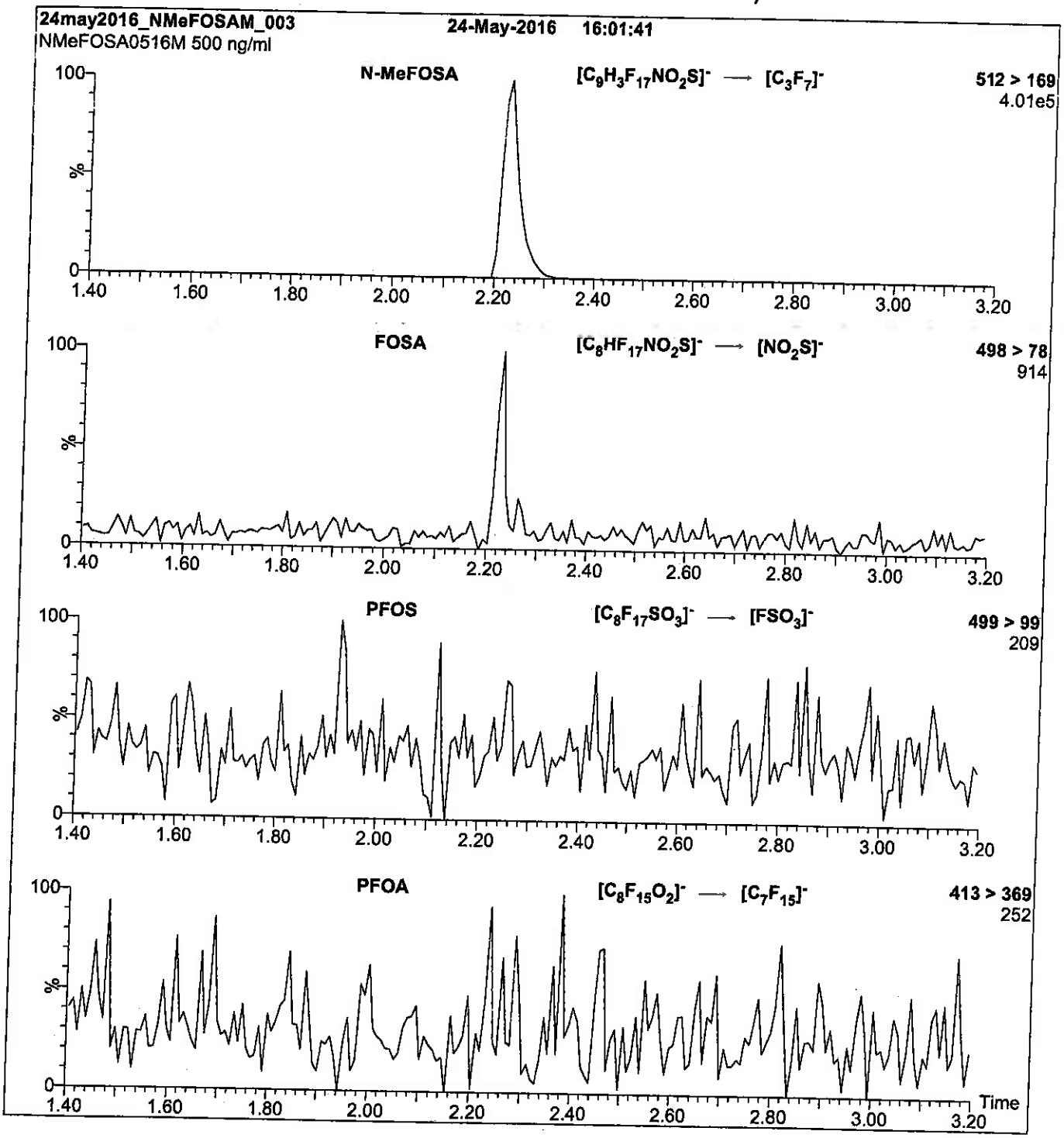
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.50
Cone Voltage (V) = 40.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **N-MeFOSA-M; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml N-MeFOSA-M)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.54e-3 Collision Energy (eV) = 30
Flow:	300 µl/min	

Reagent

LCN-MeFOSAA_00003

R: 8/23/16 SBC

715562
ID: LCN-MeFOSAA_00003
Exp: 01/20/21 Prpd: SBC
N-MeFOSAA

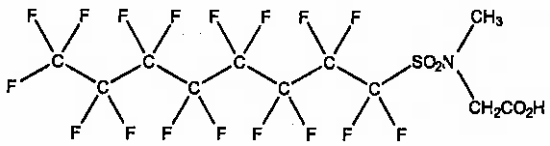
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: N-MeFOSAA **LOT NUMBER:** NMeFOSAA0116

COMPOUND: N-methylperfluoro-1-octanesulfonamidoacetic acid

STRUCTURE: **CAS #:** 2355-31-9



MOLECULAR FORMULA: $C_{11}H_6F_{17}NO_4S$ **MOLECULAR WEIGHT:** 571.21

CONCENTRATION: 50 ± 2.5 µg/ml **SOLVENT(S):** Methanol, Water (<1%)

CHEMICAL PURITY: >98%

LAST TESTED: (mm/dd/yyyy) 01/20/2016

EXPIRY DATE: (mm/dd/yyyy) 01/20/2021

RECOMMENDED STORAGE: Refrigerate ampoule

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent the conversion of the acetic acid moiety to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 01/21/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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CALA Testing

ANAB ACCREDITED ISO GUIDE 34 REFERENCE MATERIAL PRODUCER

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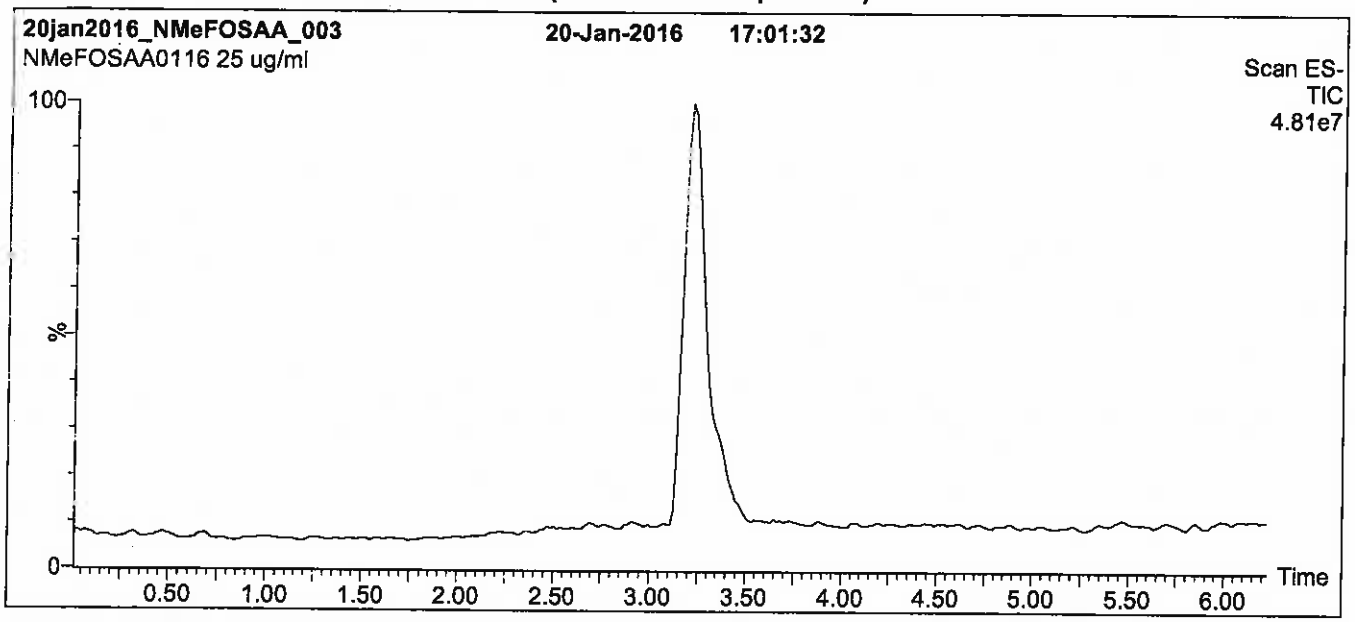
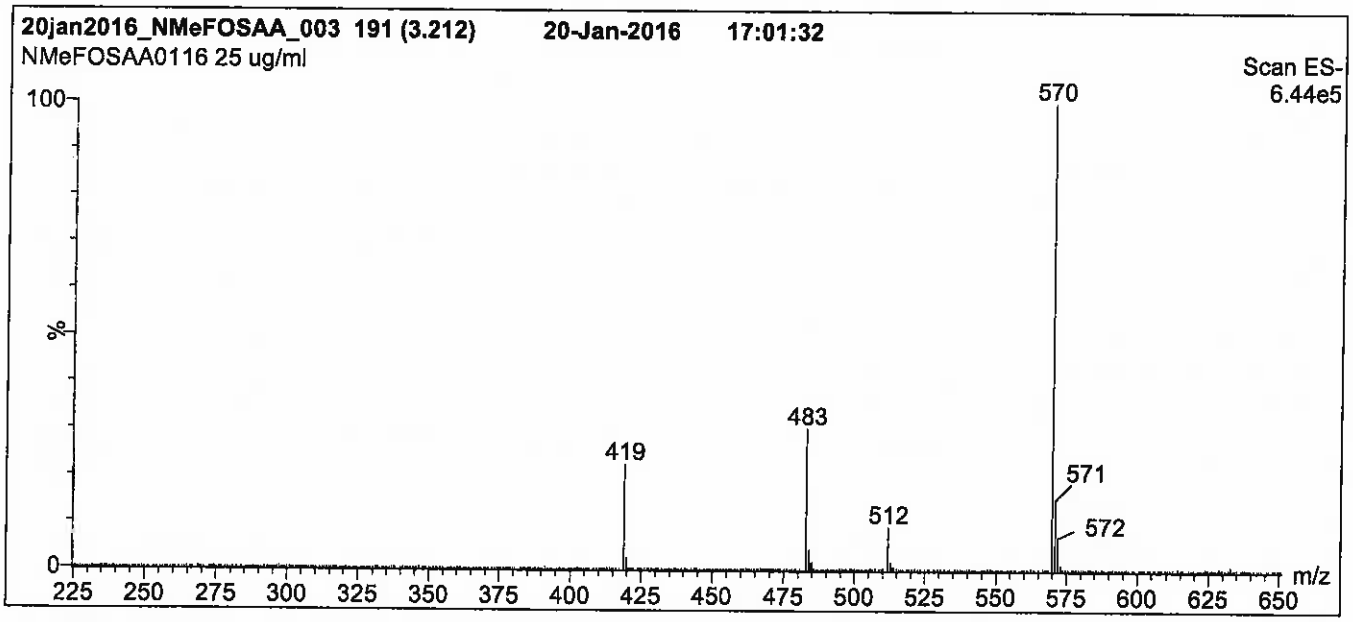
Figure 1: **N-MeFOSAA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 60% (80:20 MeOH:ACN) / 40% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min

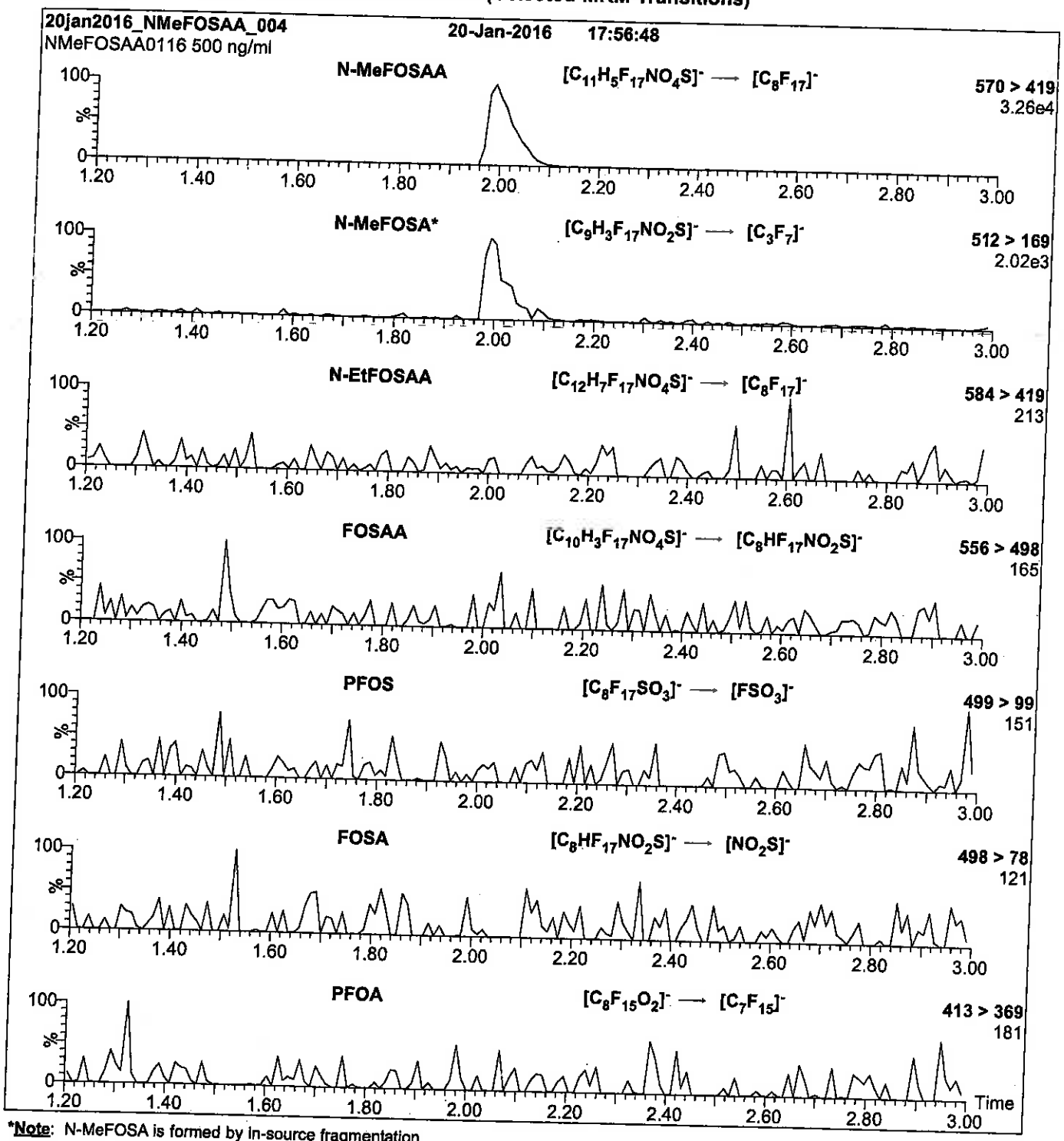
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 35.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **N-MeFOSAA; LC/MS/MS Data (Selected MRM Transitions)**



***Note**: N-MeFOSA is formed by in-source fragmentation.

Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml N-MeFOSAA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.66e-3
Collision Energy (eV) = 25

Reagent

LCPFACMXB_00007

P: 12/30/15 CW

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PFAC-MXB

Solution/Mixture of Native Perfluoroalkylcarboxylic Acids and Native Perfluoroalkylsulfonates

PRODUCT CODE:	PFAC-MXB
LOT NUMBER:	PFACMXB1115
SOLVENT(S):	Methanol / Water (<1%)
DATE PREPARED: (mm/dd/yyyy)	11/04/2015
LAST TESTED: (mm/dd/yyyy)	11/06/2015
EXPIRY DATE: (mm/dd/yyyy)	11/06/2020
RECOMMENDED STORAGE:	Store ampoule in a cool, dark place

DESCRIPTION:

PFAC-MXB is a solution/mixture of thirteen native perfluoroalkylcarboxylic acids (C_4-C_{14}, C_{16}, and C_{18}) and four native perfluoroalkylsulfonates (C_4, C_6, C_8 and C_{10}). The full name, abbreviation and concentration for each of the components are given in Table A.

The individual perfluoroalkylcarboxylic acids and perfluoroalkylsulfonates all have chemical purities of >98%.

DOCUMENTATION/ DATA ATTACHED:

Table A: Components and Concentrations of the Solution/Mixture
Figure 1: LC/MS Data (SIR)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)
Figure 3: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acids to their respective methyl esters.

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Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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CALA Testing Accreditation No. A1226

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER

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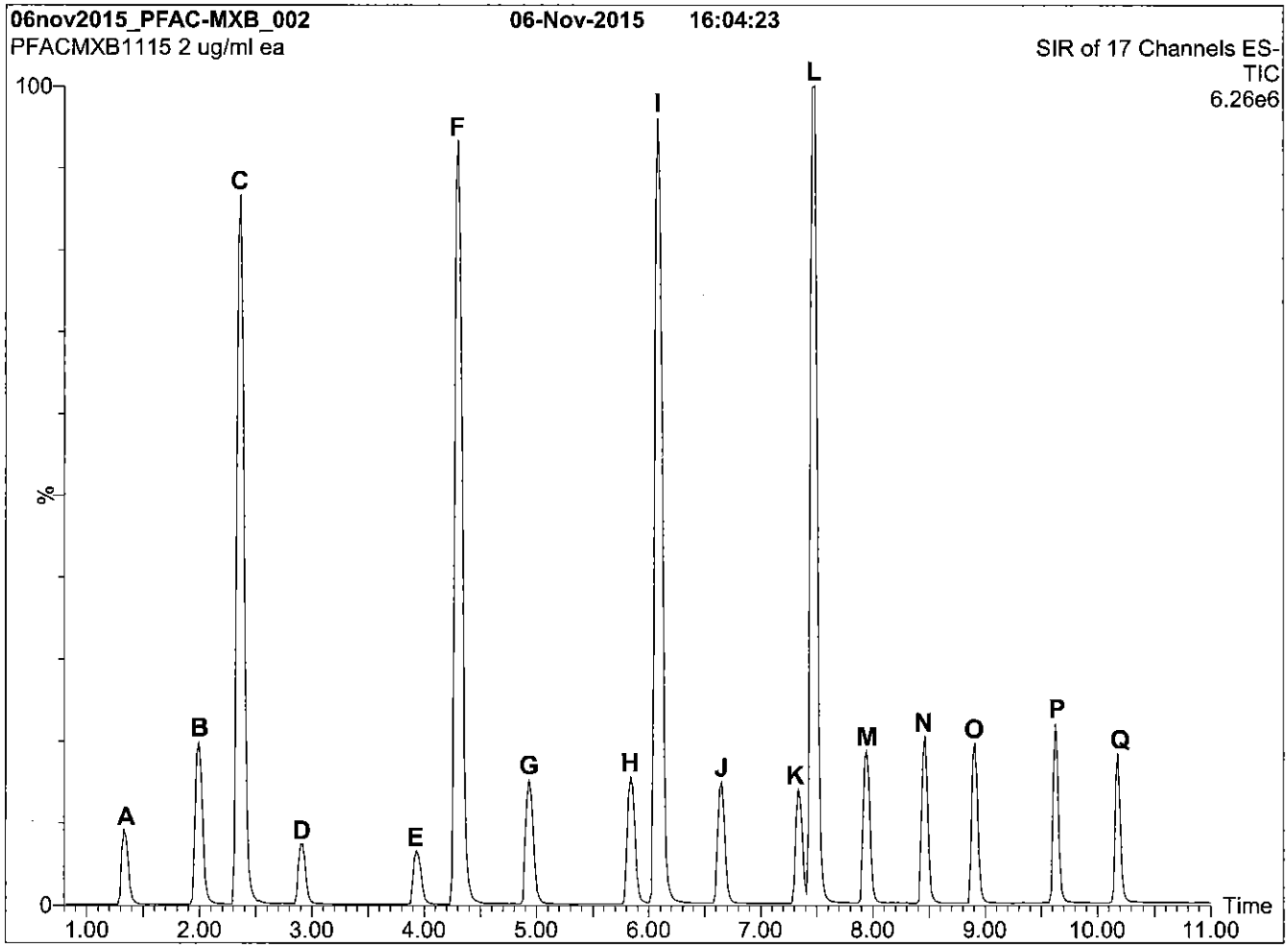
Table A: **PFAC-MXB; Components and Concentrations (ng/ml, ± 5% in Methanol / Water (<1%))**

Name	Abbreviation	Concentration (ng/ml)	Peak Assignment In Figure 1
Perfluoro-n-butanoic acid	PFBA	2000	A
Perfluoro-n-pentanoic acid	PFPeA	2000	B
Perfluoro-n-hexanoic acid	PFHxA	2000	D
Perfluoro-n-heptanoic acid	PFHpA	2000	E
Perfluoro-n-octanoic acid	PFOA	2000	G
Perfluoro-n-nonanoic acid	PFNA	2000	H
Perfluoro-n-decanoic acid	PFDA	2000	J
Perfluoro-n-undecanoic acid	PFUdA	2000	K
Perfluoro-n-dodecanoic acid	PFDoA	2000	M
Perfluoro-n-tridecanoic acid	PFTrDA	2000	N
Perfluoro-n-tetradecanoic acid	PFTeDA	2000	O
Perfluoro-n-hexadecanoic acid	PFHxDA	2000	P
Perfluoro-n-octadecanoic acid	PFODA	2000	Q

Name	Abbreviation	Concentration (ng/ml)		Peak Assignment in Figure 1
		as the salt	as the anion	
Potassium perfluoro-1-butanesulfonate	L-PFBS	2000	1770	C
Sodium perfluoro-1-hexanesulfonate	L-PFHxS	2000	1890	F
Sodium perfluoro-1-octanesulfonate	L-PFOS	2000	1910	I
Sodium perfluoro-1-decanesulfonate	L-PFDS	2000	1930	L

Certified By: B.G. Chittim **Date:** 11/11/2015 (mm/dd/yyyy)

Figure 1: **PFAC-MXB; LC/MS Data (Total Ion Current Chromatogram; SIR)**



Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 55% H_2O / 45% (80:20 MeOH:ACN)
(both with 10 mM NH_4OAc buffer)
Ramp to 95% organic over 10 min and hold for 1 min
before returning to initial conditions in 0.5 min.

Time: 12 min

Flow: 300 µl/min

MS Parameters

Experiment: SIR of 17 Channels

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = variable (10-70)
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **PFAC-MXB; LC/MS/MS Data (Selected MRM Transitions)**

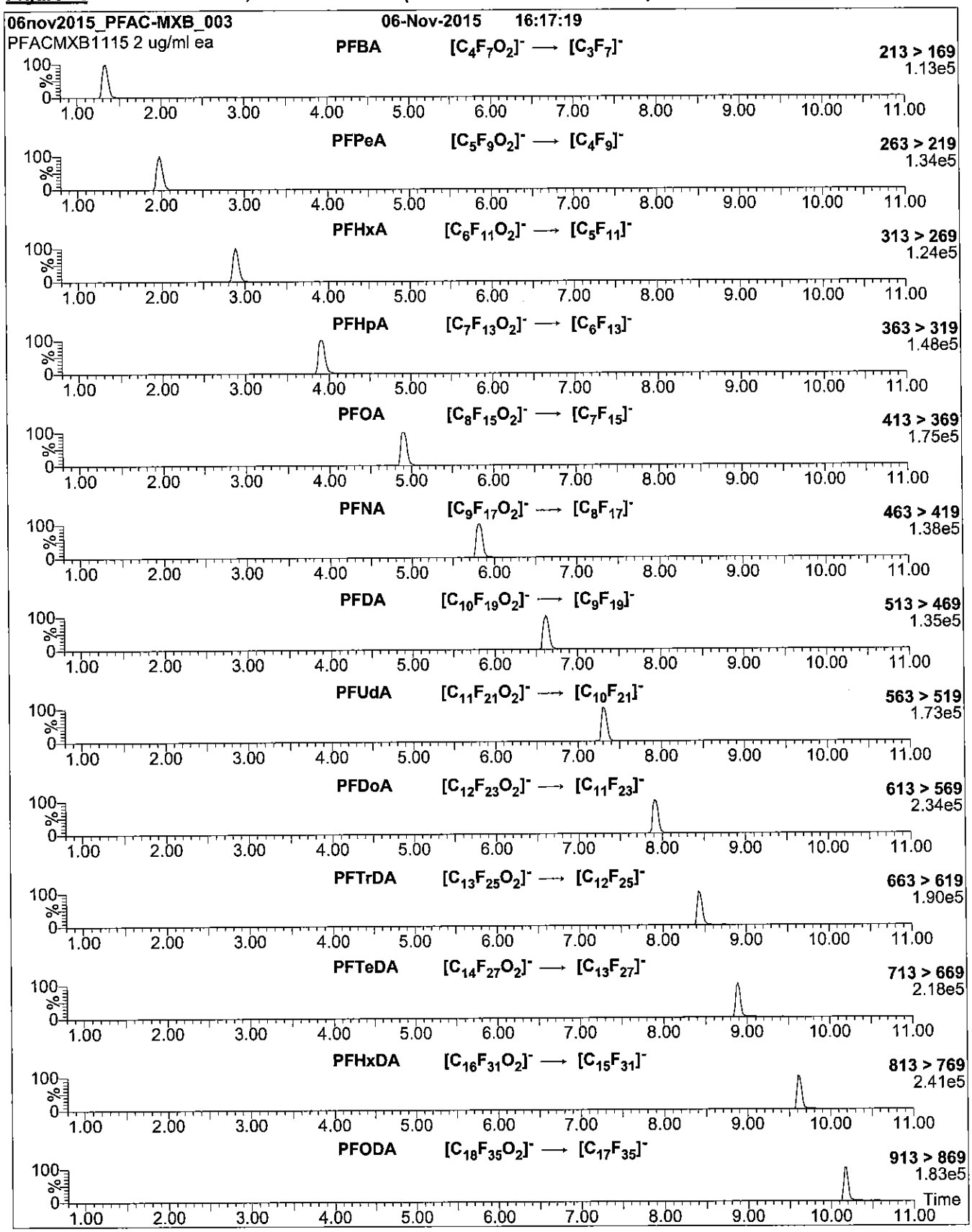
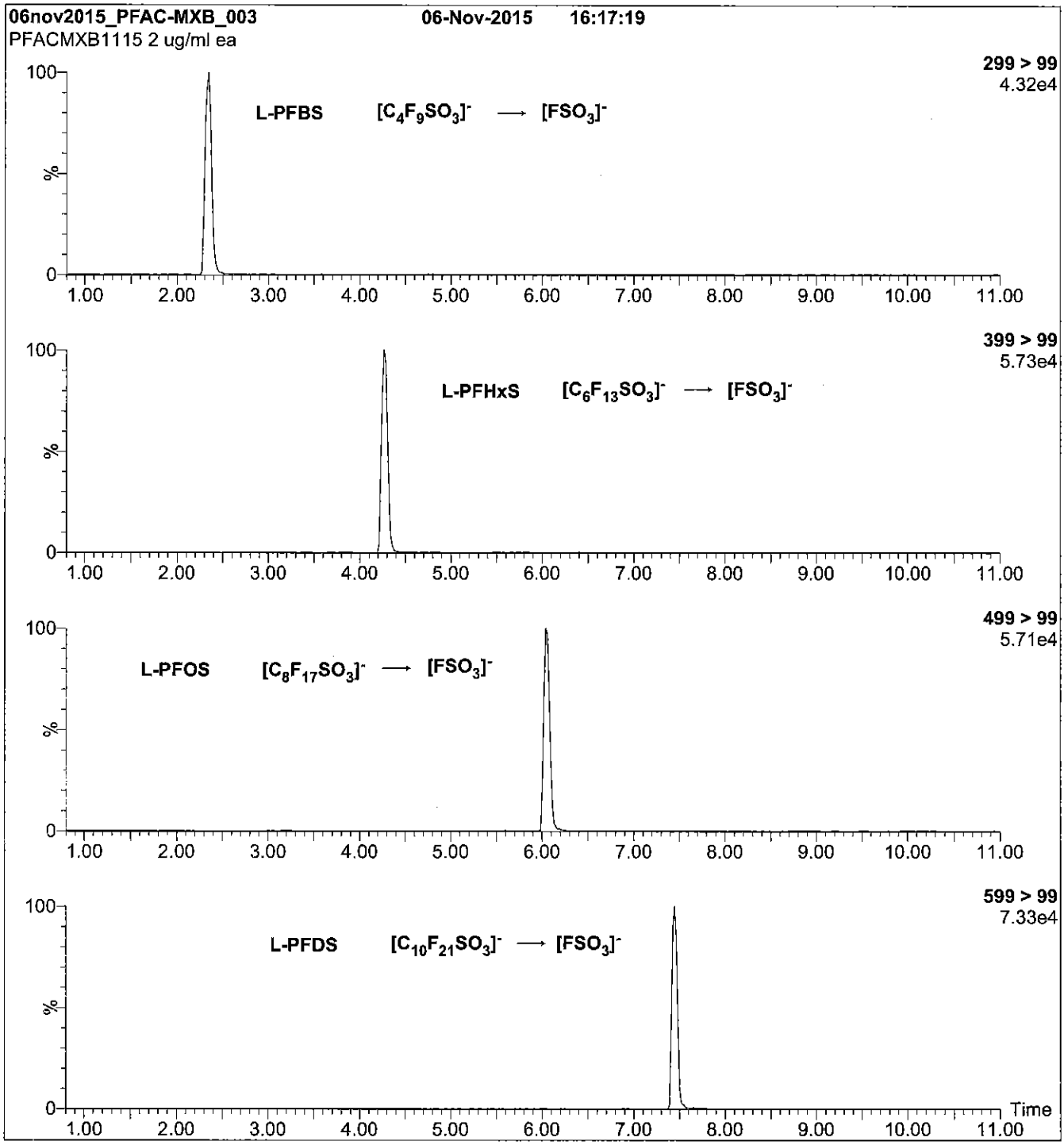


Figure 3: **PFAC-MXB; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figures 2 and 3:

Injection: on-column (PFAC-MXB)

Mobile phase: Same as Figure 1

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.24e-3

Collision Energy (eV) = 8-50 (variable)

Reagent

LCPFBA_00005

Scanned 10/16/14

R: SBC 9/13/16

730531
ID: LCPFBA_00005
Exp: 05/27/21 Prpd: SBC
PF-n-butanoic acid

730532
ID: LCPFBA_00006
Exp: 05/27/21 Prpd: SBC
PF-n-butanoic acid

WELLINGTON LABORATORIES

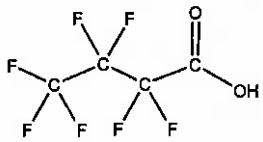
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: PFBA
COMPOUND: Perfluoro-n-butanoic acid

LOT NUMBER: PFBA0516

STRUCTURE:

CAS #: 375-22-4



MOLECULAR FORMULA: $C_4HF_7O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 214.04
SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 05/27/2016
EXPIRY DATE: (mm/dd/yyyy) 05/27/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 05/31/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

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HOMOGENEITY:

Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS, LC/MS/MS and/or SFC/UV/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

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QUALITY MANAGEMENT:

This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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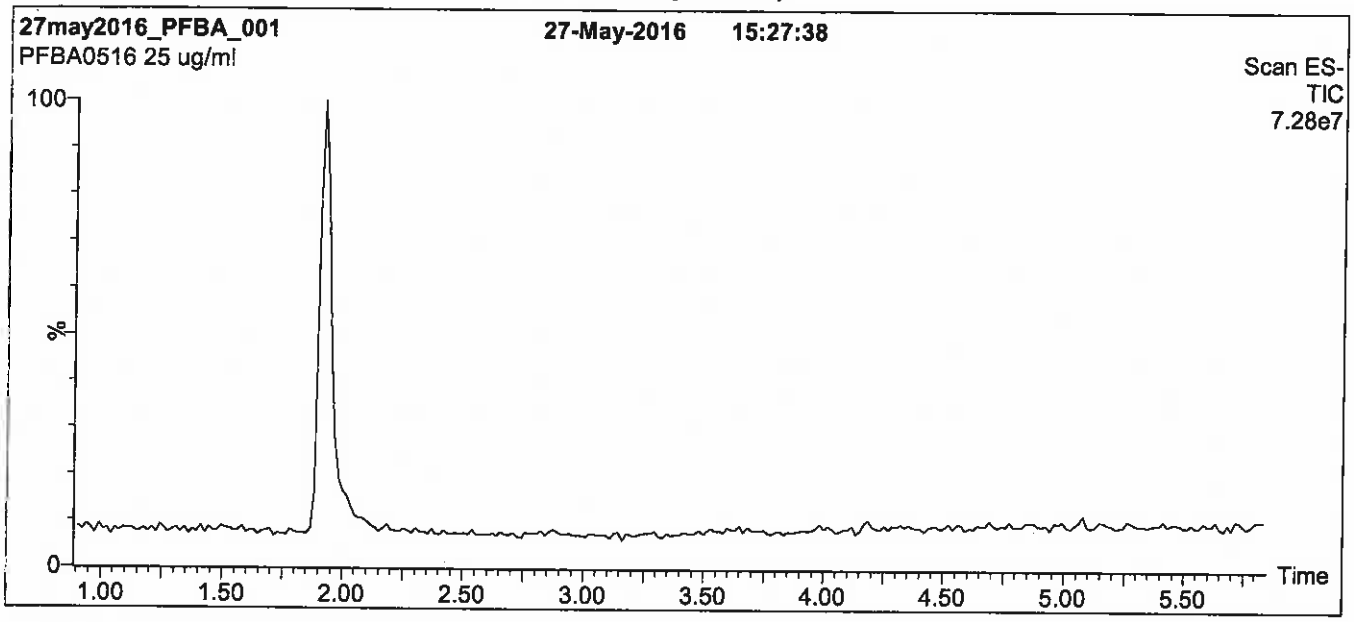
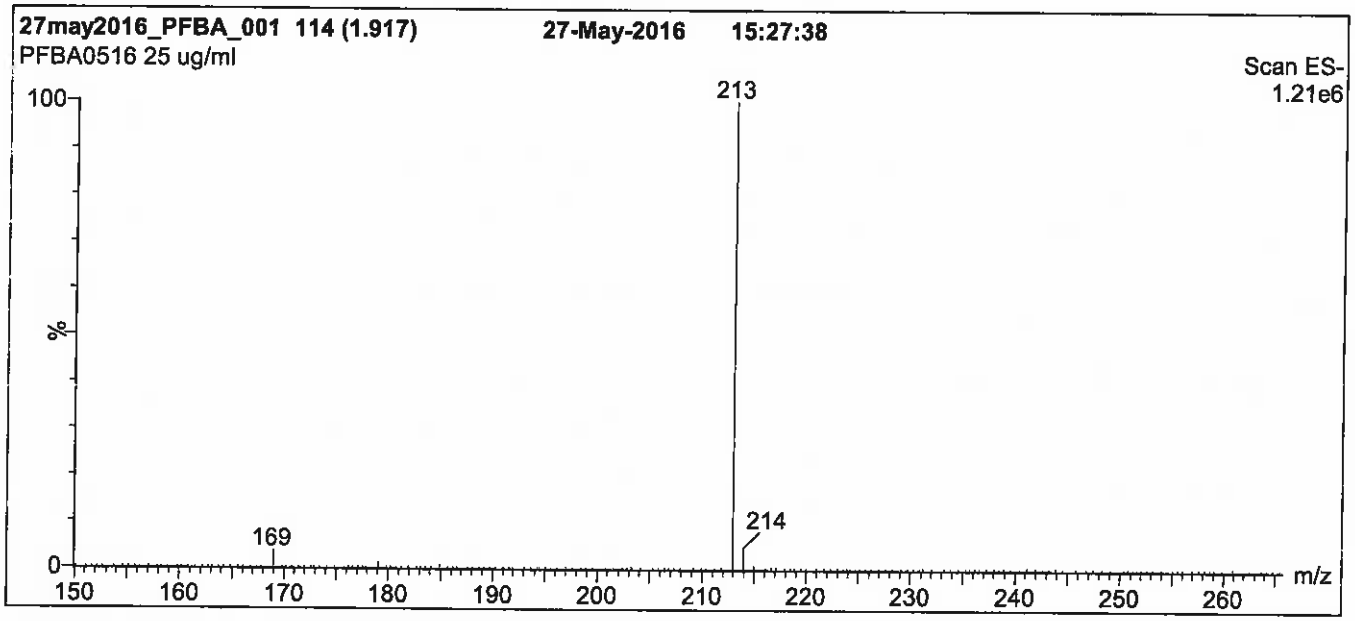




Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 30% (80:20 MeOH:ACN) / 70% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

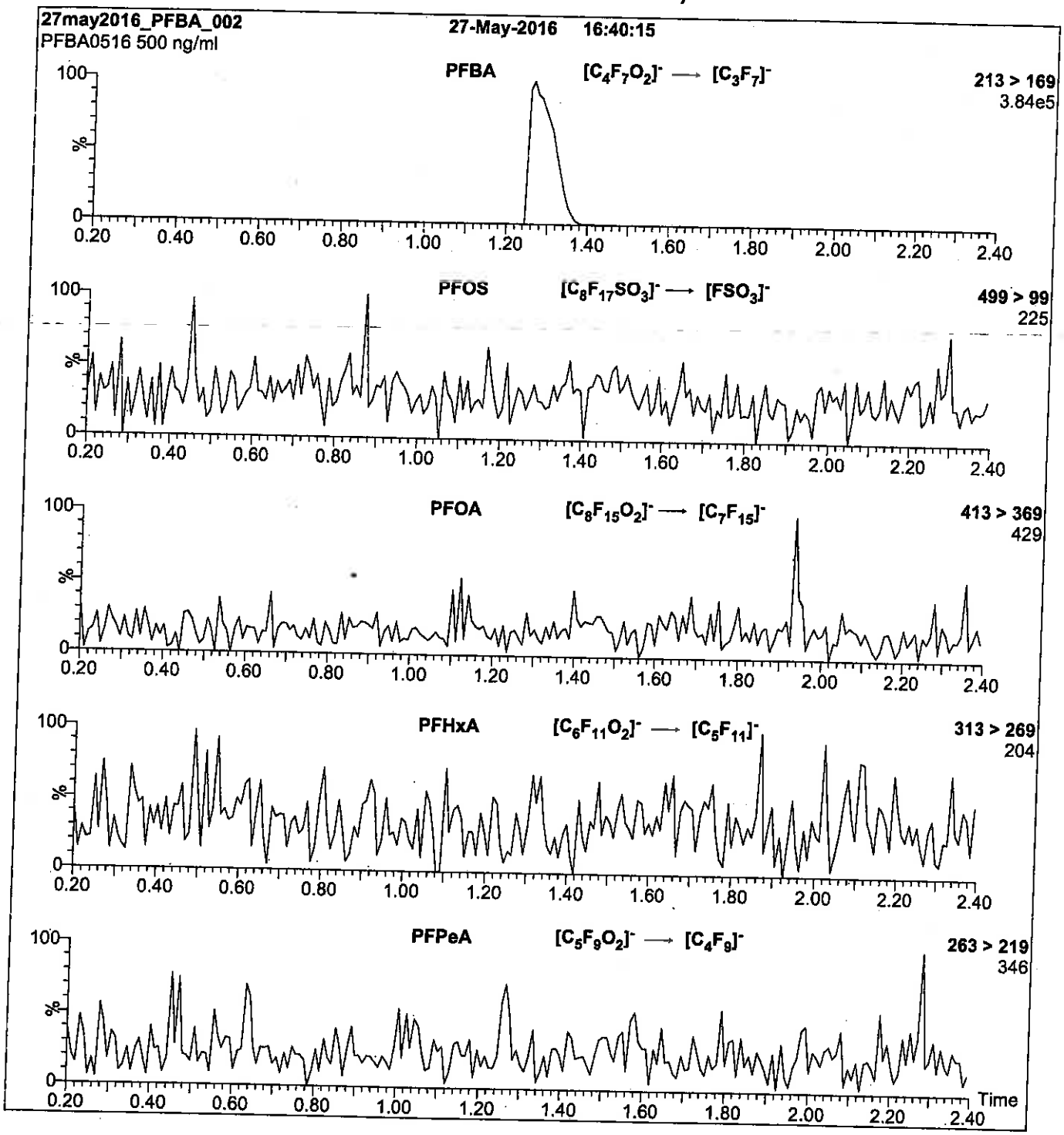
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 10.00
Cone Gas Flow (l/hr) = 100
Desolvation Gas Flow (l/hr) = 750

Figure 2: **PFBA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml PFBA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.62e-3
Collision Energy (eV) = 10

Reagent

LCPFBS_00005

R: 9/9/16 SBC

728306
ID: LCM2-8:2FTS_00003
Exp: 01/08/21 Prpd: SBC
M2-8:2FTS

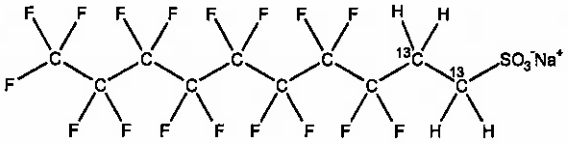
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: M2-8:2FTS **LOT NUMBER:** M282FTS0116

COMPOUND: Sodium 1H,1H,2H,2H-perfluoro-[1,2-$^{13}C_2$]decane sulfonate

STRUCTURE: **CAS #:** Not available



MOLECULAR FORMULA:	$^{13}C_2{}^{12}C_8H_4F_{17}SO_3Na$	**MOLECULAR WEIGHT:**	552.15
CONCENTRATION:	50.0 ± 2.5 µg/ml (Na salt) 47.9 ± 2.4 µg/ml (M2-8:2FTS anion)	**SOLVENT(S):**	Methanol
CHEMICAL PURITY:	>98%	**ISOTOPIC PURITY:**	≥99% ^{13}C ($1,2\text{-}^{13}C_2$)
LAST TESTED: (mm/dd/yyyy)	01/08/2016		
EXPIRY DATE: (mm/dd/yyyy)	01/08/2021		
RECOMMENDED STORAGE:	Refrigerate ampoule		

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- The native 8:2FTS contains 4.22% of ^{34}S (due to natural isotopic abundance) therefore both native 8:2FTS and M2-8:2FTS will produce signals in the m/z 529 to m/z 509 channel during SRM analysis. We recommend using the m/z 529 to m/z 81 transition to monitor for M2-8:2FTS during quantitative analysis as it will be free of any native contribution (see Figure 2).

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 01/18/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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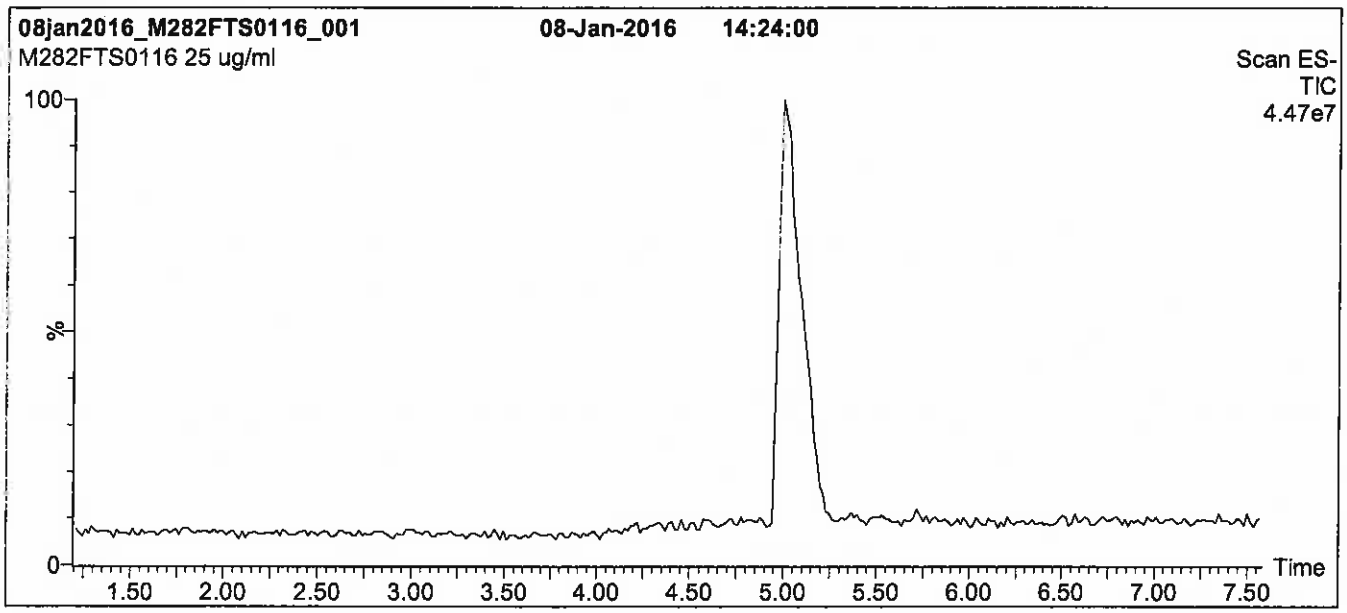
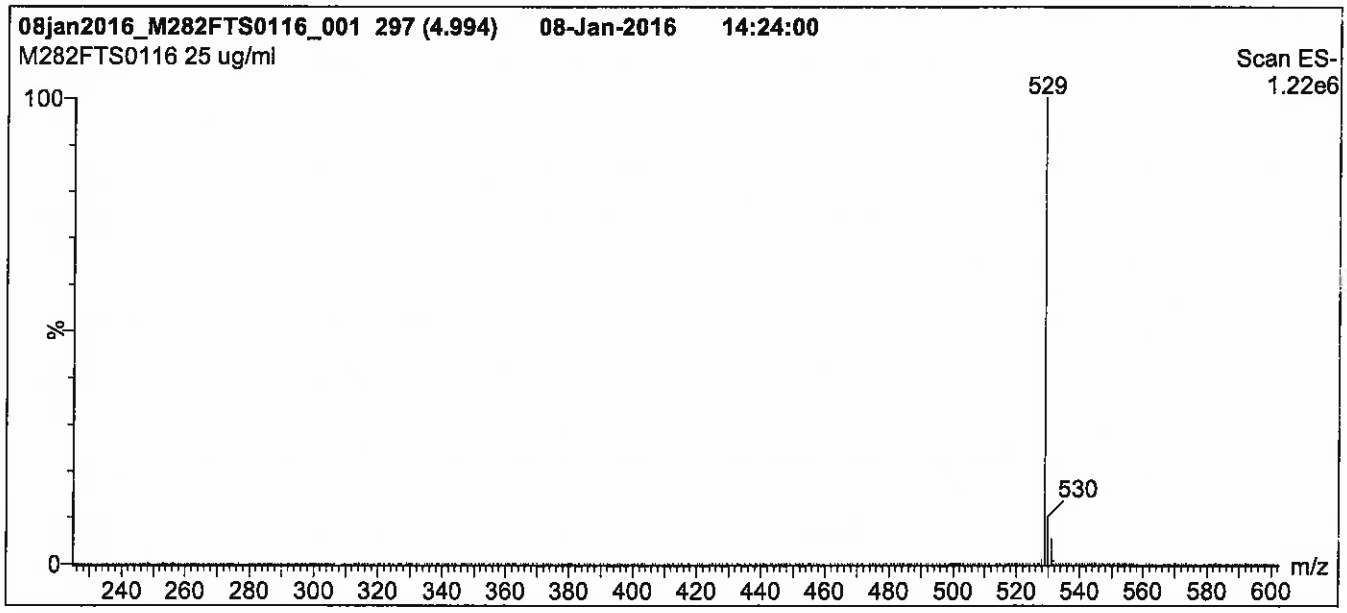
Figure 1: **M2-8:2FTS; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min
and hold for 2 min before returning
to initial conditions in 0.5 min.
Time: 10 min

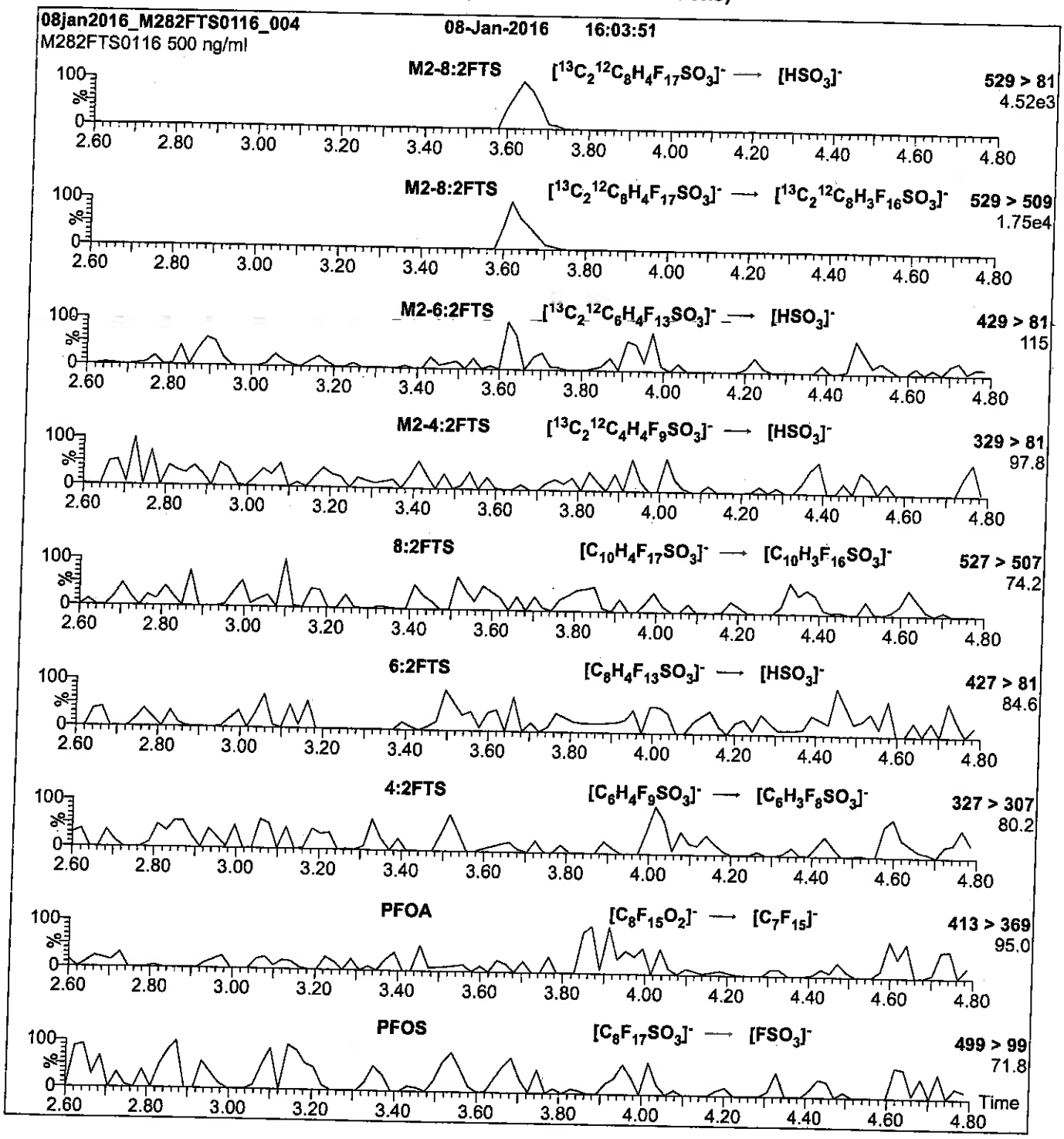
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 30.00
Cone Gas Flow (l/hr) = 100
Desolvation Gas Flow (l/hr) = 750

Figure 2: **M2-8:2FTS; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml M2-8:2FTS)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.20e-3
Collision Energy (eV) = 30

R: SBC 9/13/16

730511
ID: LCPFBS_00005
Exp: 03/15/21 Prpd: SBC
PF-1-butanesulfonate K sa

730512
ID: LCPFBS_00006
Exp: 03/15/21 Prpd: SBC
PF-1-butanesulfonate K sa

WELLINGTON LABORATORIES

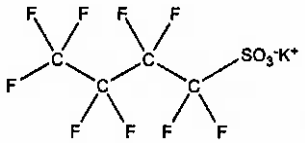
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: L-PFBS
COMPOUND: Potassium perfluoro-1-butanesulfonate

LOT NUMBER: LPFBS0316

STRUCTURE:

CAS #: 29420-49-3



MOLECULAR FORMULA: $C_4F_9SO_3K$
CONCENTRATION: 50.0 ± 2.5 µg/ml (K salt)
44.2 ± 2.2 µg/ml (PFBS anion)
CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 03/15/2016
EXPIRY DATE: (mm/dd/yyyy) 03/15/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

MOLECULAR WEIGHT: 338.19
SOLVENT(S): Methanol

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 03/21/2016 (mm/dd/yyyy)

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CALA Testing Accreditation No. A 1226

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER

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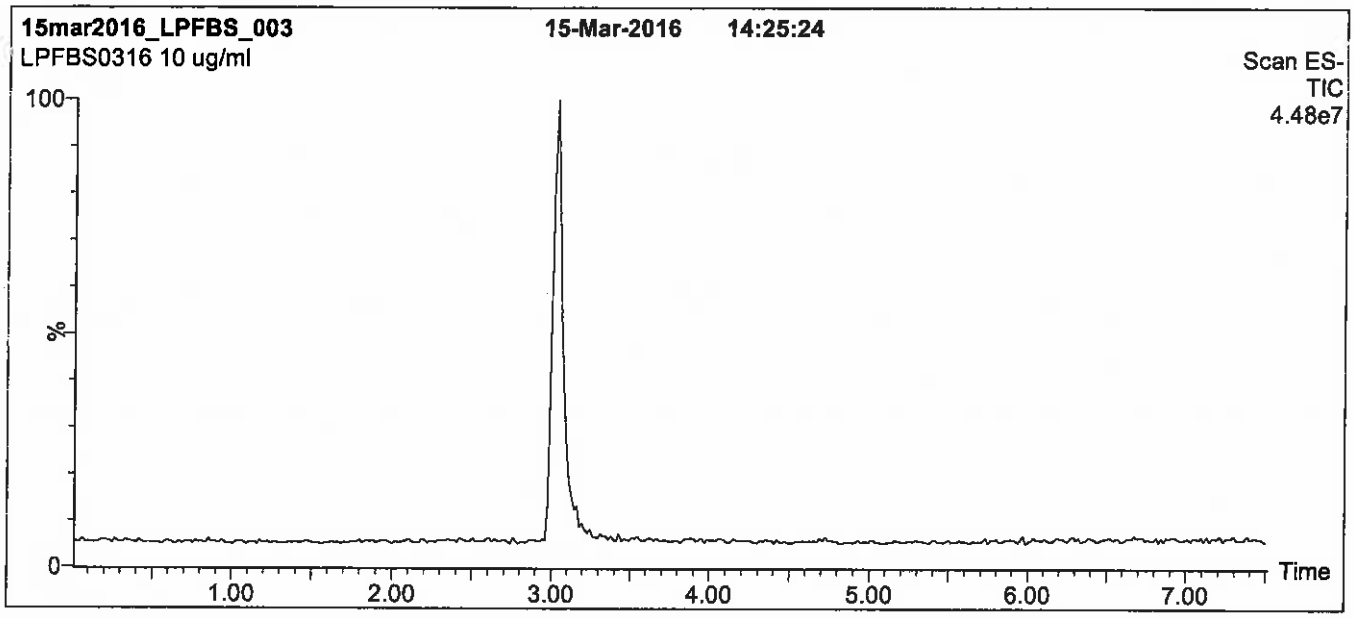
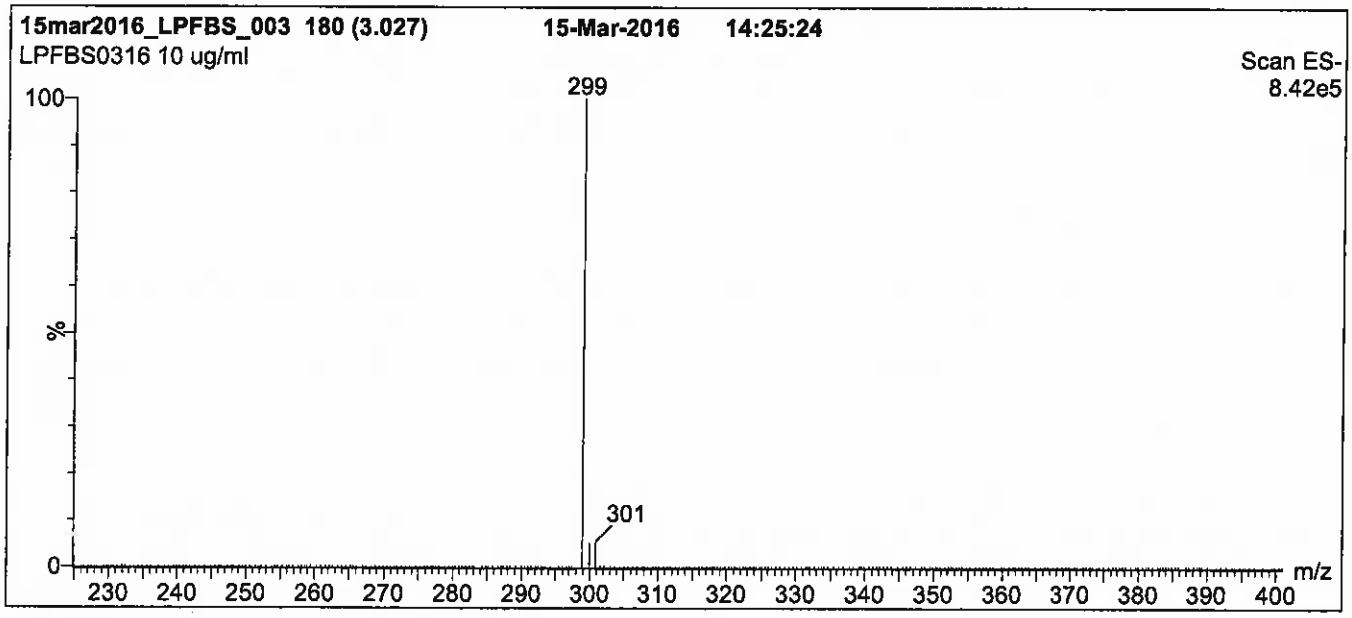
Figure 1: **L-PFBS; LC/MS Data (TIC and Mass Spectrum)**





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MS: **Micromass Quattro *micro* API MS**

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1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 40% (80:20 MeOH:ACN) / 60% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min

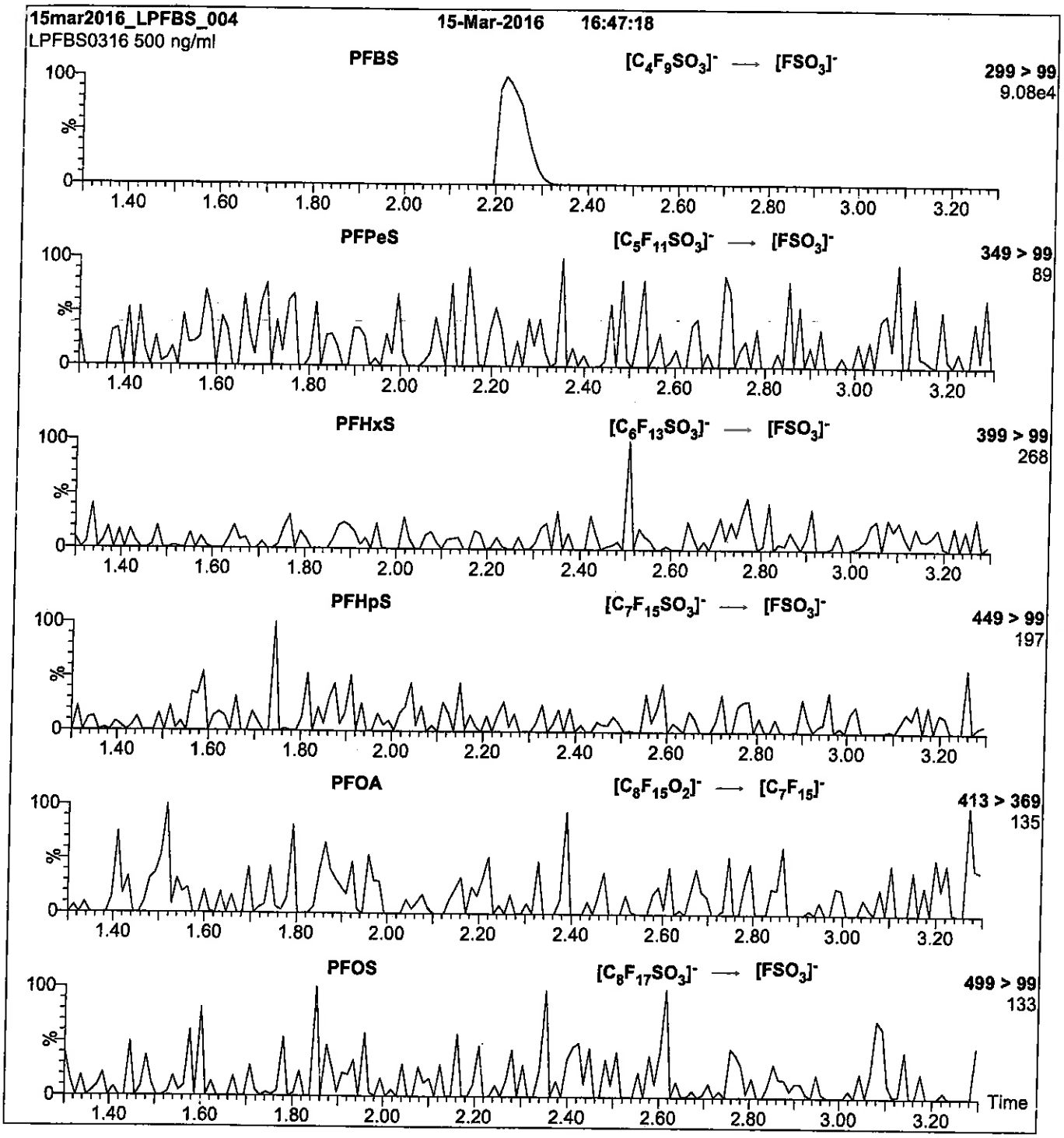
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 40.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **L-PFBS; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml L-PFBS)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.20e-3
Collision Energy (eV) = 25

Reagent

LCPFDA_00006

R: SBC 9/13/16
scanned 10/14/16 SR

730620
ID: LCPFDA_00006
Exp: 05/31/21 Prpd: SBC
PF-n-decanoic acid

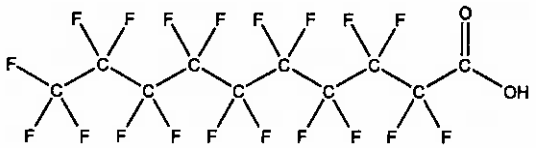
730621
ID: LCPFDA_00007
Exp: 05/31/21 Prpd: SBC
PF-n-decanoic acid

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: PFDA
LOT NUMBER: PFDA0516
COMPOUND: Perfluoro-n-decanoic acid

STRUCTURE:
CAS #: 335-76-2



MOLECULAR FORMULA: $C_{10}HF_{19}O_2$
MOLECULAR WEIGHT: 514.08
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol, Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 05/31/2016
EXPIRY DATE: (mm/dd/yyyy) 05/31/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains ~ 0.2% of Perfluoro-n-nonanoic acid (PFNA).

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 06/13/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

Where possible, all of our products are synthesized using single-product unambiguous routes. They are then characterized, and their structures and purities confirmed, using a combination of the most relevant techniques, such as NMR, GC/MS, LC/MS/MS, SFC/UV/MS/MS, x-ray crystallography, and melting point. Isotopic purities of mass-labelled compounds are also confirmed using HRGC/HRMS and/or LC/MS/MS.

HOMOGENEITY:

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UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

QUALITY MANAGEMENT:

This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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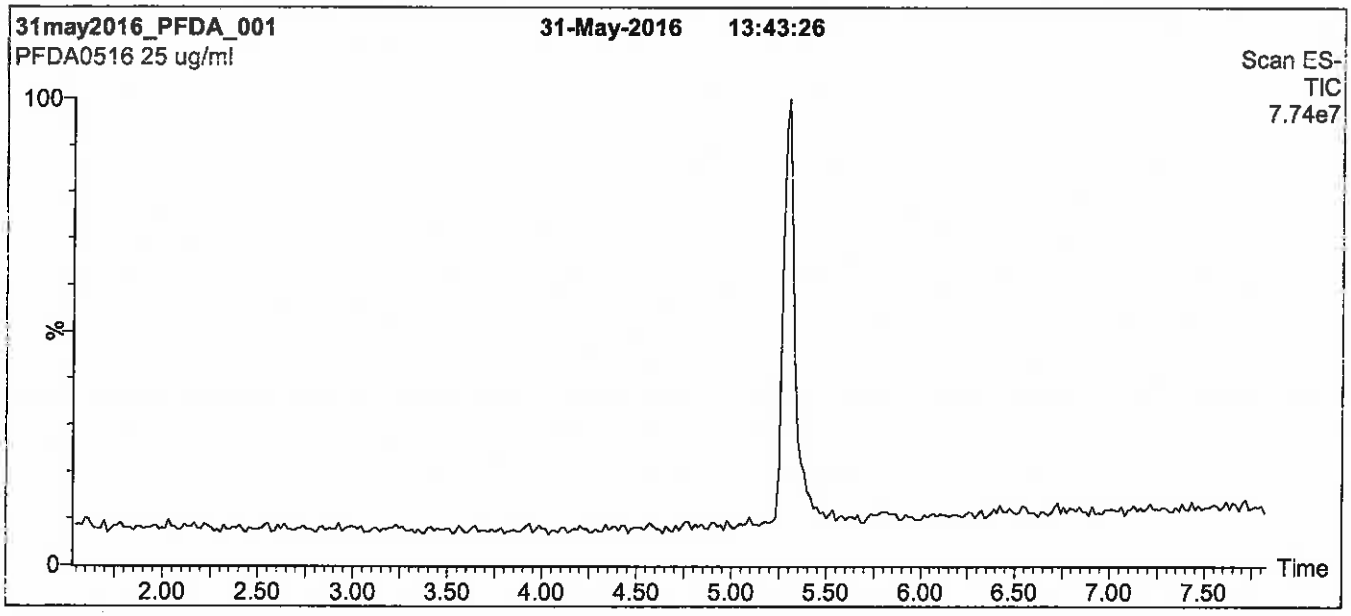
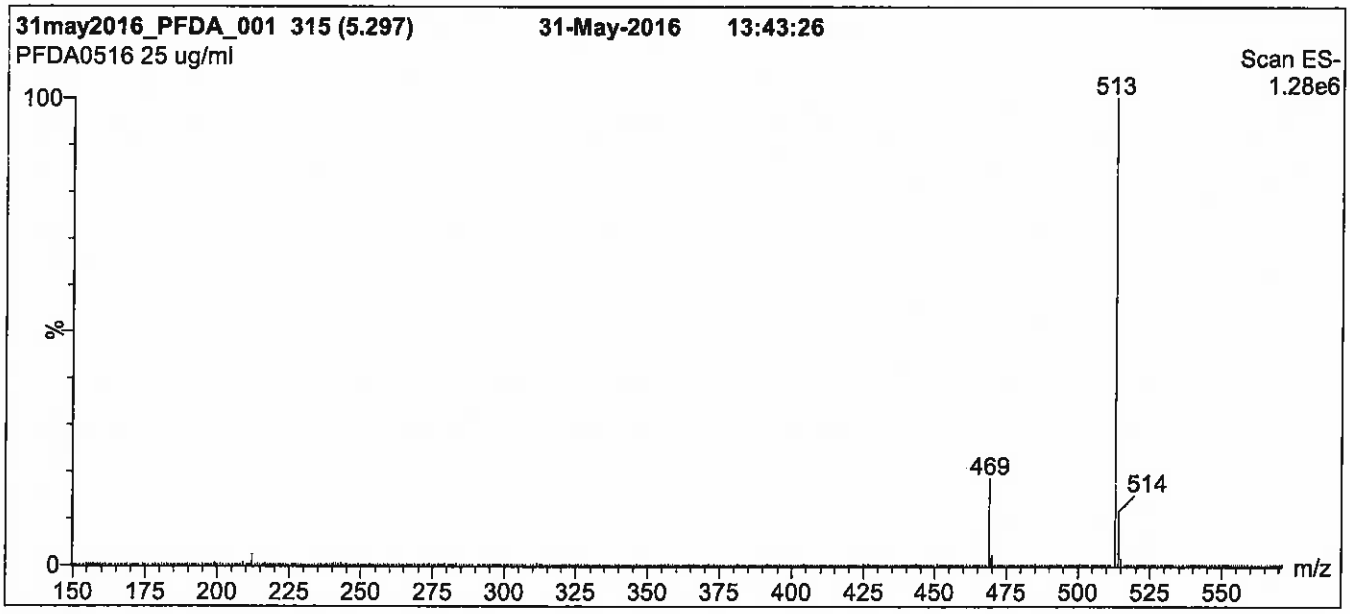
Figure 1: **PFDA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7.5 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

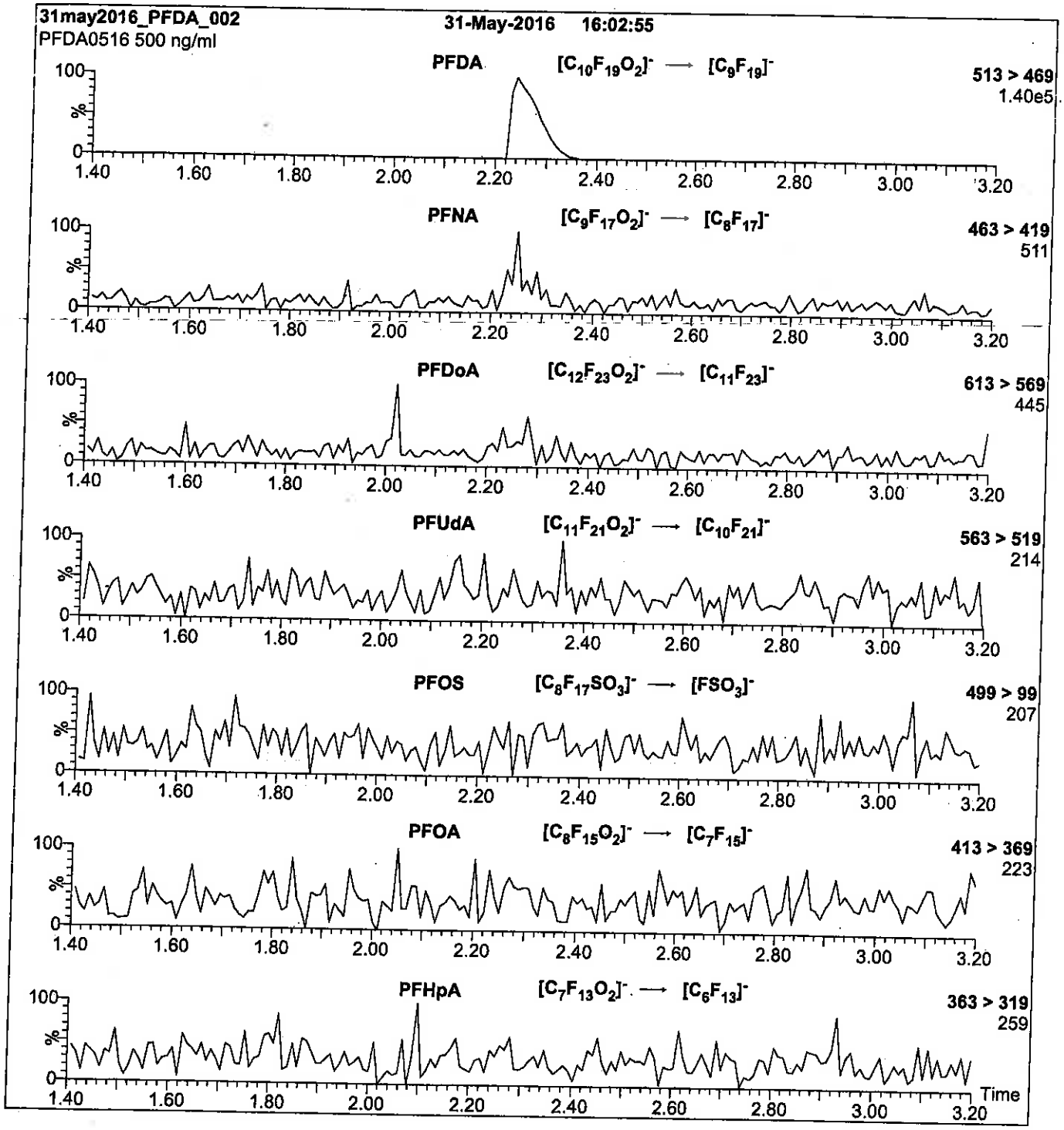
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **PFDA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml PFDA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.39e-3
Collision Energy (eV) = 13

Reagent

LCPFDoA_00006

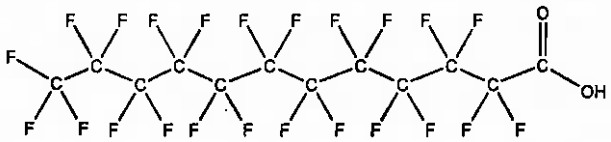
r: 12/22/16 SPV

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: PFDoA
LOT NUMBER: PFDoA0516
COMPOUND: Perfluoro-n-dodecanoic acid

STRUCTURE:
CAS #: 307-55-1



MOLECULAR FORMULA: $C_{12}HF_{23}O_2$
MOLECULAR WEIGHT: 614.10
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol, Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 05/31/2016
EXPIRY DATE: (mm/dd/yyyy) 05/31/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 06/02/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

Where possible, all of our products are synthesized using single-product unambiguous routes. They are then characterized, and their structures and purities confirmed, using a combination of the most relevant techniques, such as NMR, GC/MS, LC/MS/MS, SFC/UV/MS/MS, x-ray crystallography, and melting point. Isotopic purities of mass-labelled compounds are also confirmed using HRGC/HRMS and/or LC/MS/MS.

HOMOGENEITY:

Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS, LC/MS/MS and/or SFC/UV/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2 \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

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QUALITY MANAGEMENT:

This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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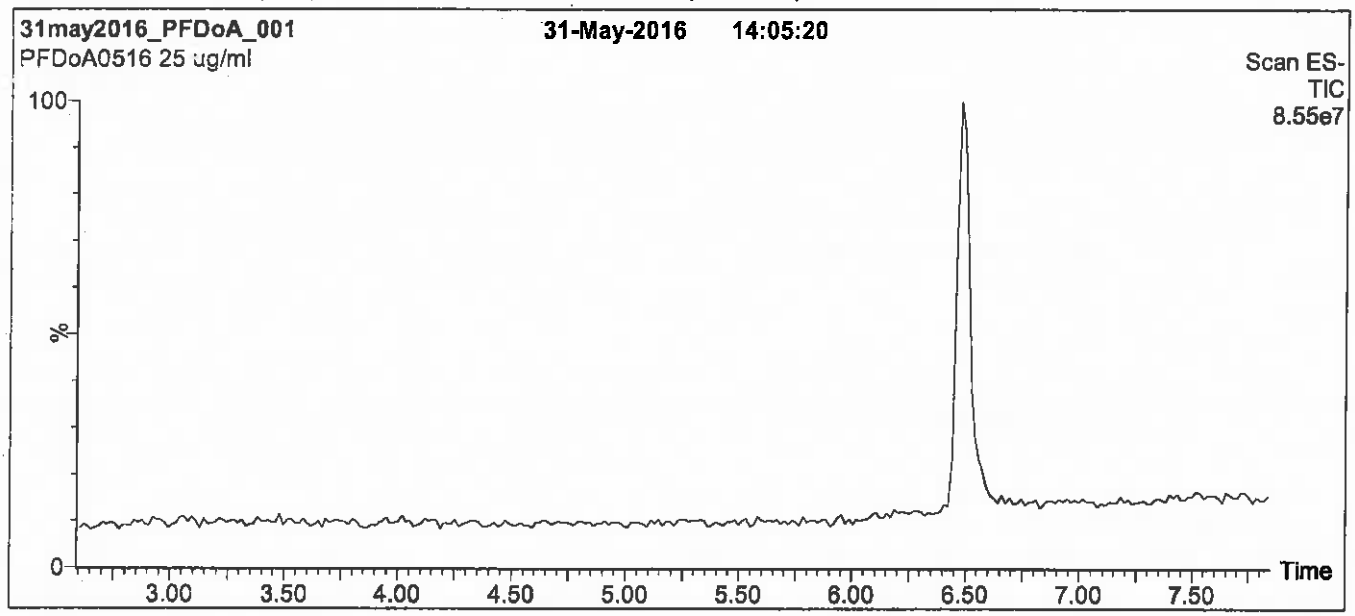
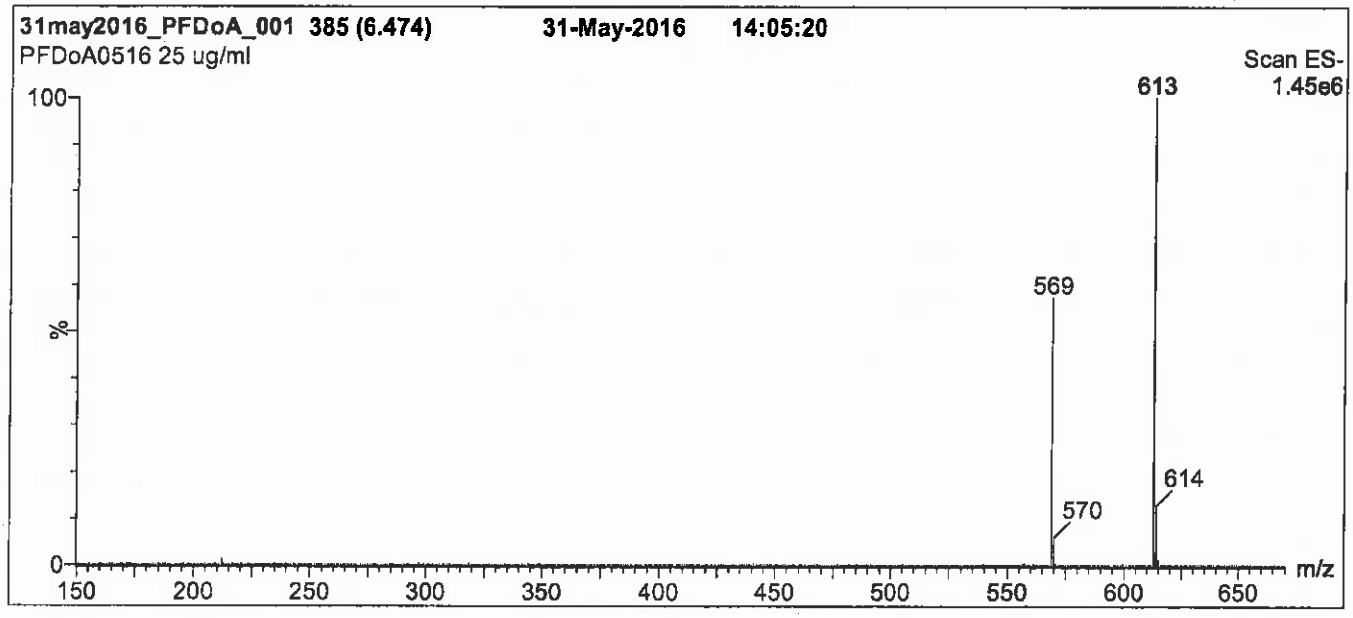
Figure 1: PFDoA; LC/MS Data (TIC and Mass Spectrum)





Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7.5 min and hold for
1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

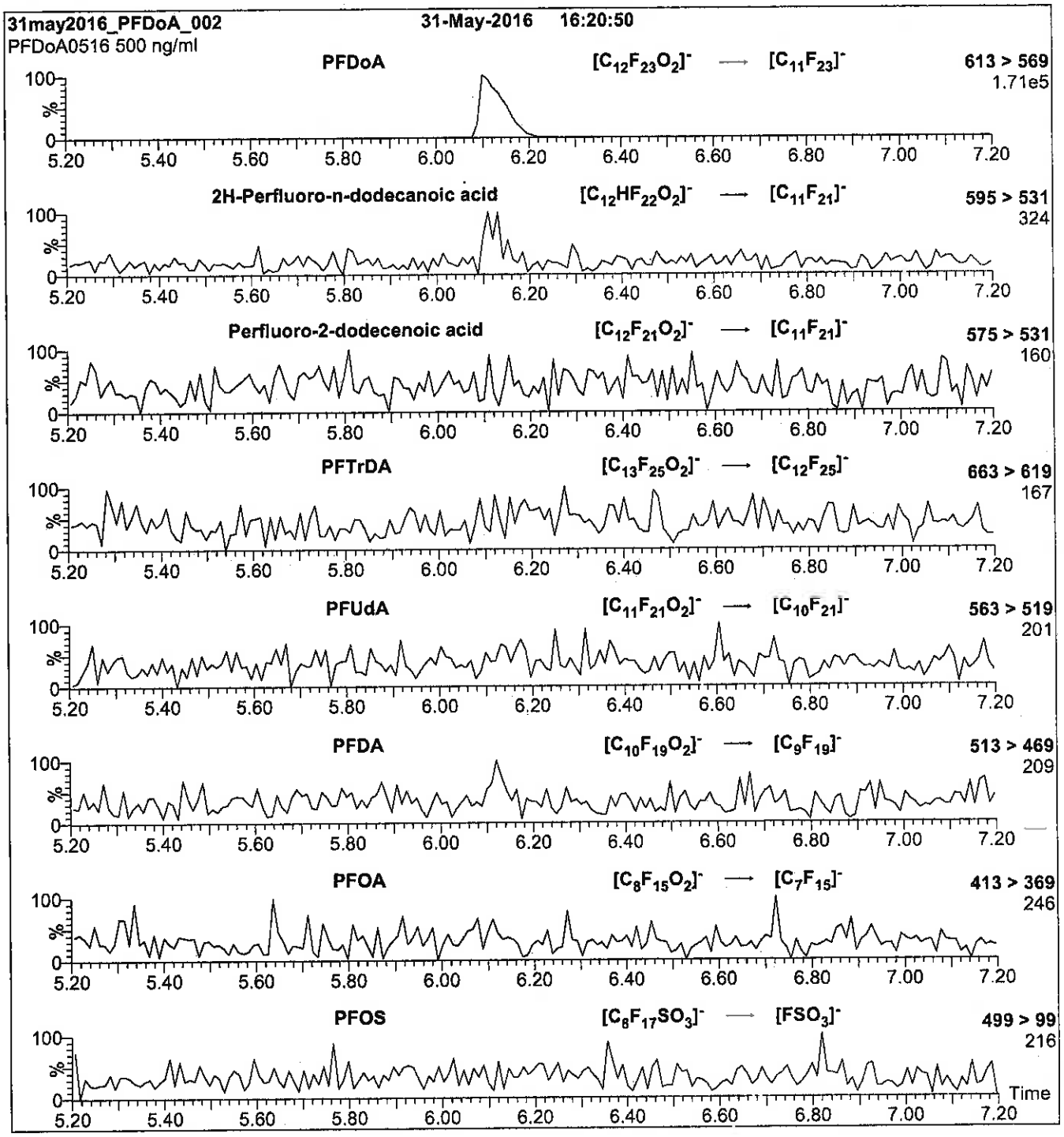
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 20.00
Cone Gas Flow (l/hr) = 100
Desolvation Gas Flow (l/hr) = 750

Figure 2: **PFDoA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml PFDoA)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.39e-3 Collision Energy (eV) = 13
Flow:	300 µl/min	

Reagent

LCPFHpA_00006

Scanned R: SBC 9/13/16
10/14/16 SM

730517
ID: LCPFHpA_00006
Exp: 01/22/21 Prpd: SBC
PF-n-heptanoic acid

730518
ID: LCPFHpA_00007
Exp: 01/22/21 Prpd: SBC
PF-n-heptanoic acid

WELLINGTON LABORATORIES

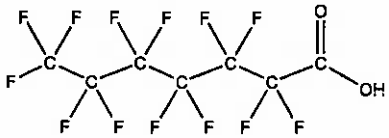
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: PFHpA
COMPOUND: Perfluoro-n-heptanoic acid

LOT NUMBER: PFHpA0116

STRUCTURE:

CAS #: 375-85-9



MOLECULAR FORMULA: $C_7HF_{13}O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 364.06
SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 01/22/2016
EXPIRY DATE: (mm/dd/yyyy) 01/22/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 02/02/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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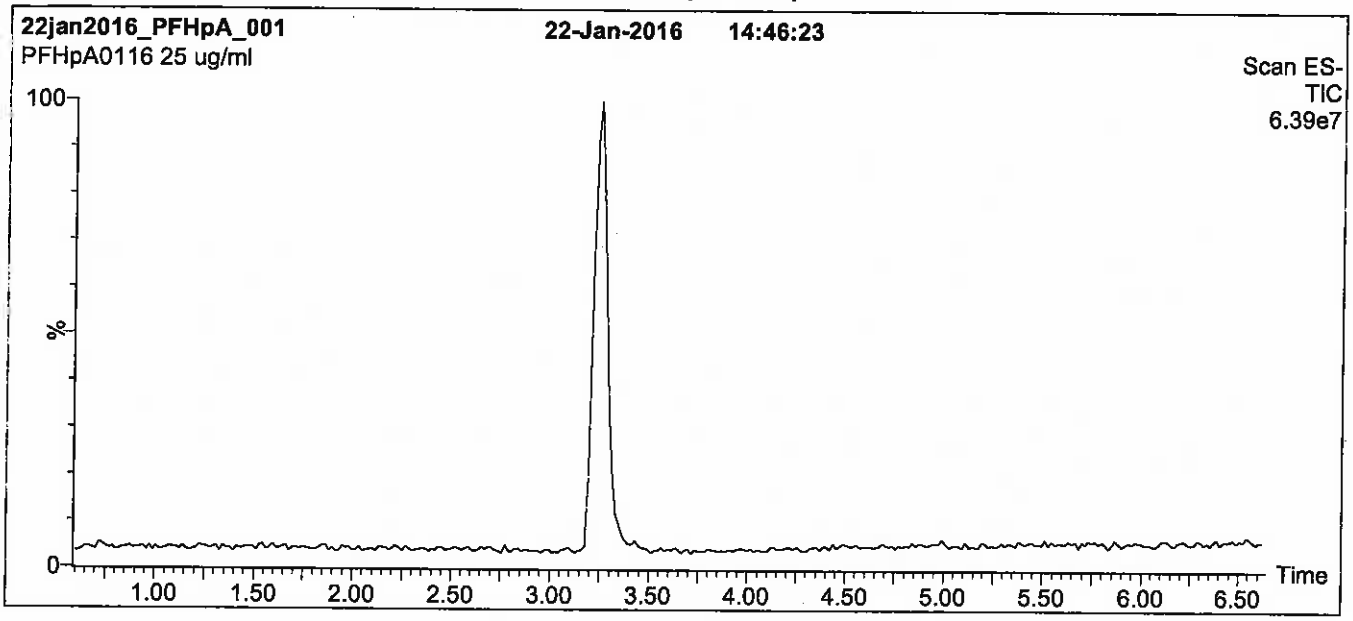
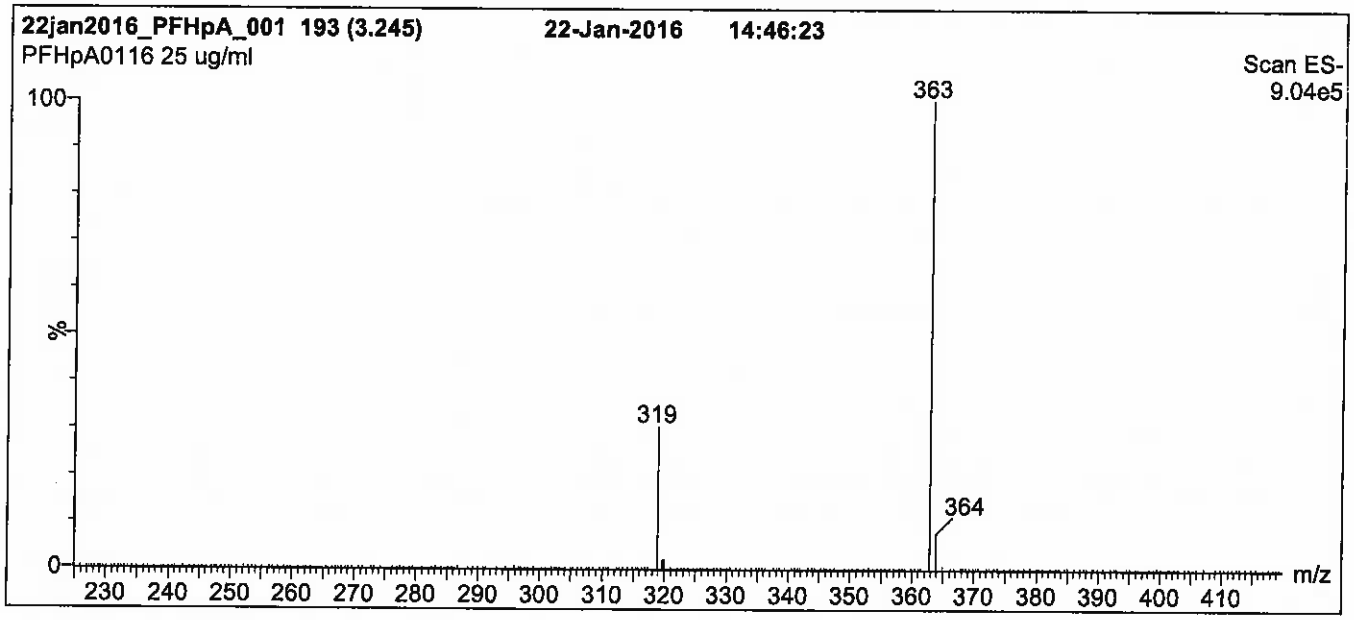
Figure 1: **PFHpA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 55% (80:20 MeOH:ACN) / 45% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for
2 min before returning to initial conditions in 0.5 min.
Time: 10 min

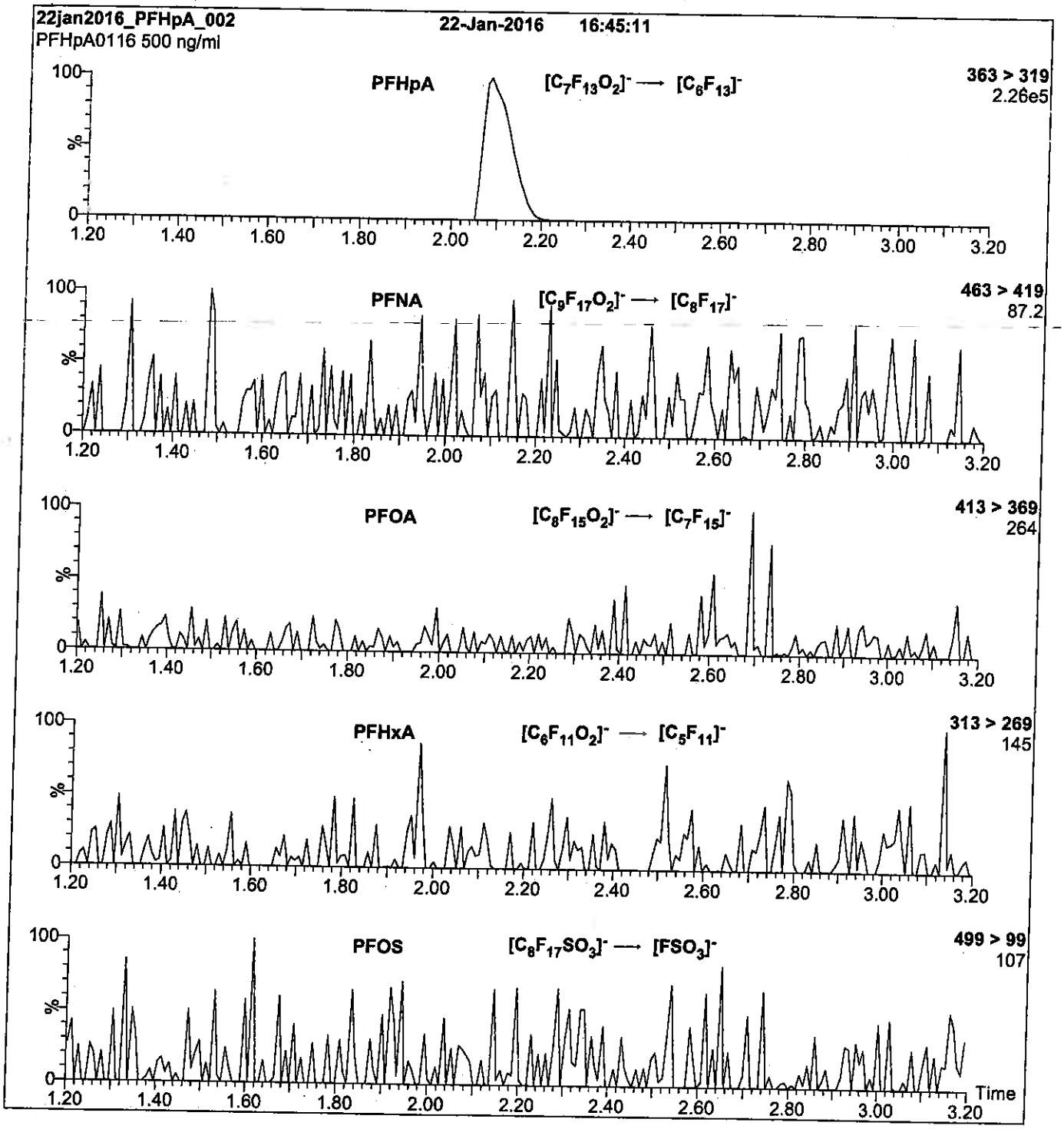
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **PFHpA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml PFHpA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.50e-3
Collision Energy (eV) = 11

Reagent

LCPFHpS_00009

Scanned 10/14/16 SR R: SBC 9/13/16

730635
ID: LCPFHpS_00009
Exp: 11/06/20 Prpd: SBC
PFHpS at 47.6ug/mL

730639
ID: LCPFHpS_00010
Exp: 11/06/20 Prpd: SBC
PFHpS at 47.6ug/mL

WELLINGTON LABORATORIES

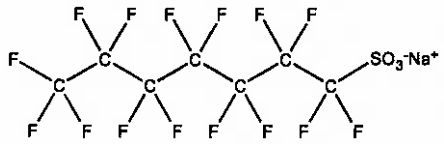
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: L-PFHpS
COMPOUND: Sodium perfluoro-1-heptanesulfonate

LOT NUMBER: LPFHpS1115

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA: $C_7F_{15}SO_3Na$
CONCENTRATION: 50.0 ± 2.5 µg/ml (Na salt)
47.6 ± 2.4 µg/ml (PFHpS anion)
CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 11/06/2015
EXPIRY DATE: (mm/dd/yyyy) 11/06/2020
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

MOLECULAR WEIGHT: 472.10
SOLVENT(S): Methanol

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains ~ 0.1% of L-PFHxS ($C_6F_{13}SO_3Na$) and ~ 0.2% of L-PFOS ($C_8F_{17}SO_3Na$).

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 11/09/2015 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

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UNCERTAINTY:

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The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

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EXPIRY DATE / PERIOD OF VALIDITY:

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CALA

ANAB ACCREDITED ISO GUIDE 34 REFERENCE MATERIAL PRODUCER

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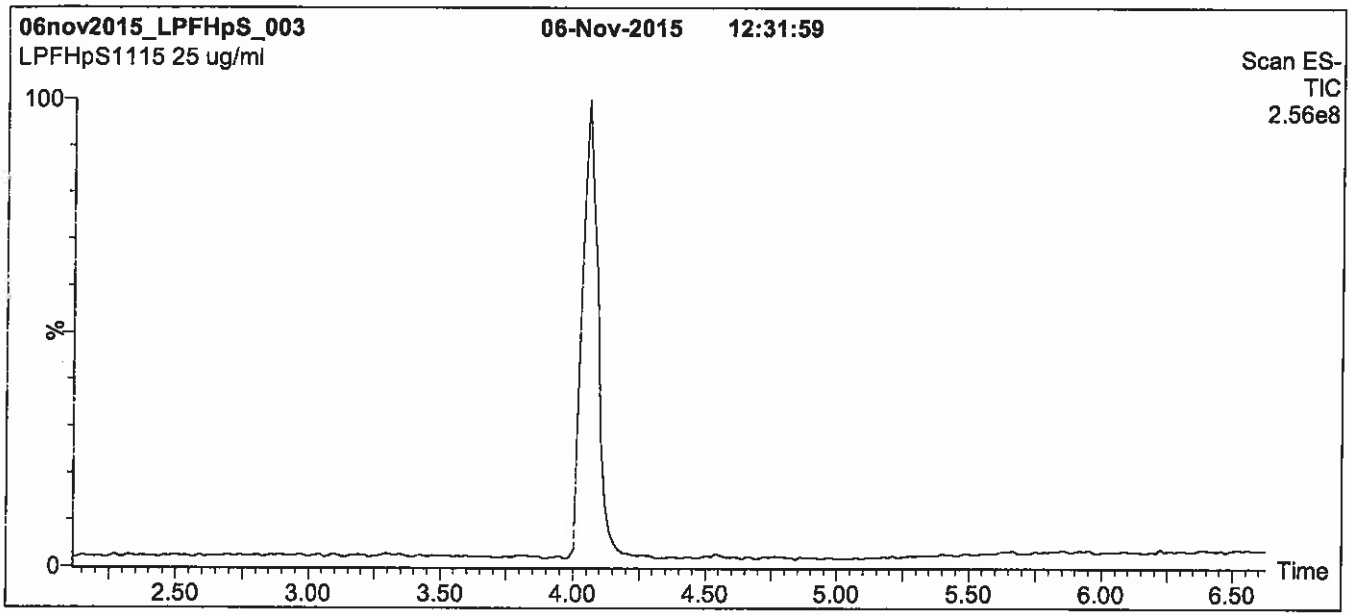
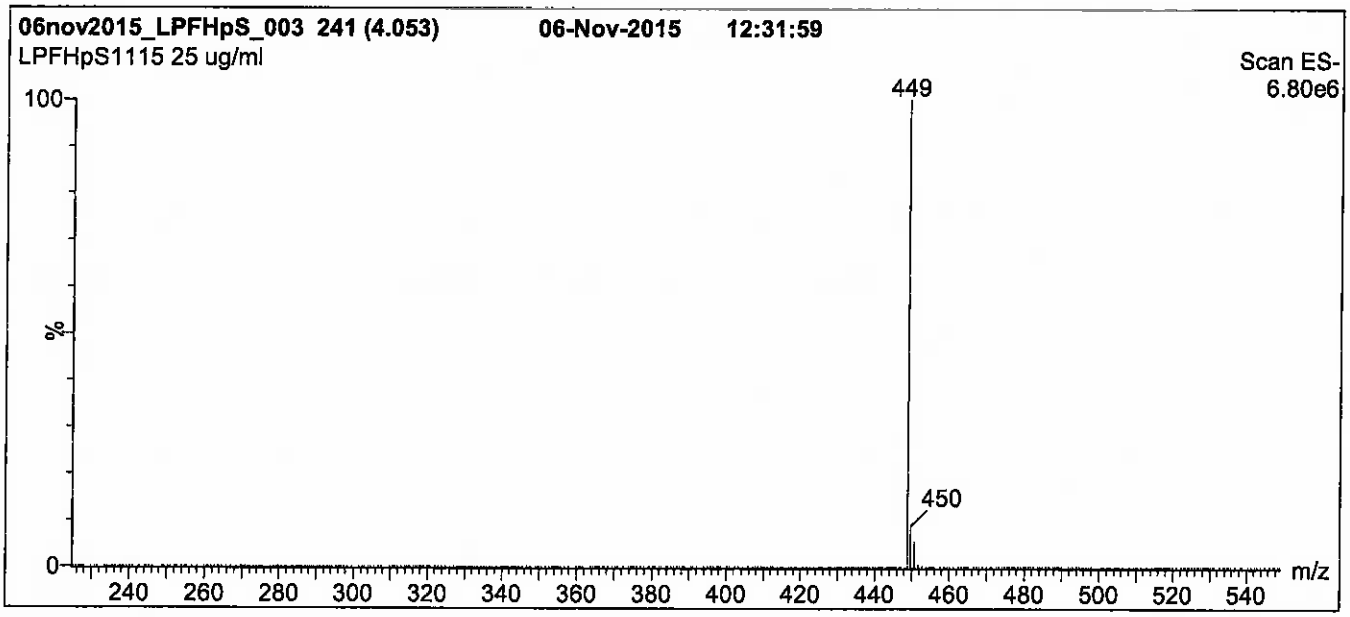
Figure 1: **L-PFHpS; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold
for 2 min before returning to initial conditions in 0.5 min.
Time: 10 min

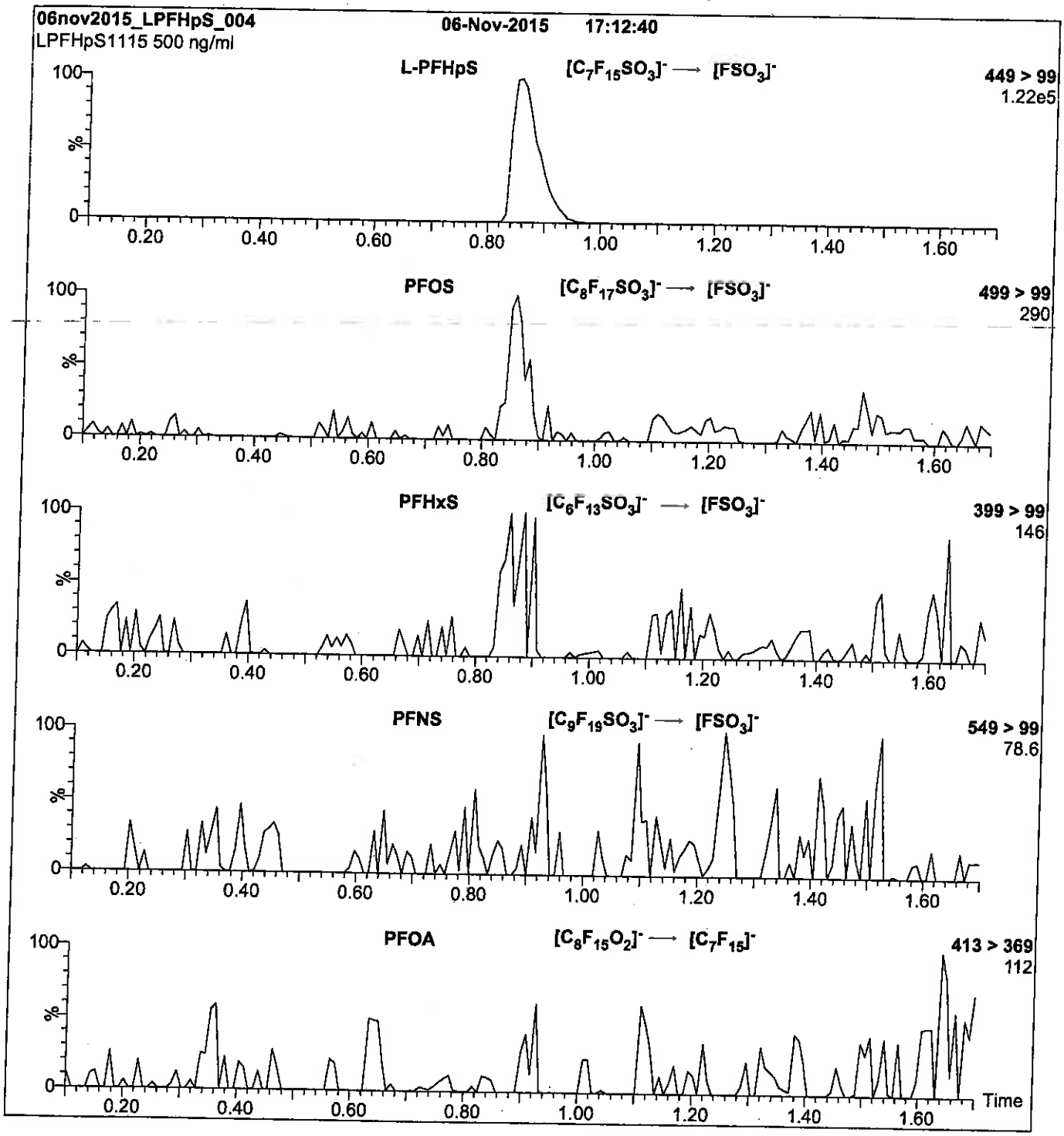
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 60.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 750

Figure 2: **L-PFHpS; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml L-PFHpS)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.31e-3
Collision Energy (eV) = 35

Reagent

LCPFHxA_00005

R: SBC 9/13/16

730551
ID: LCPFHxA_00005
Exp: 12/22/20 Prpd: SBC
PF-n-hexanoic acid

730552
ID: LCPFHxA_00006
Exp: 12/22/20 Prpd: SBC
PF-n-hexanoic acid

WELLINGTON LABORATORIES

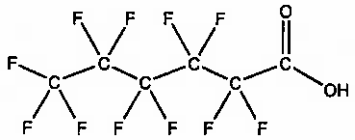
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: PFHxA
COMPOUND: Perfluoro-n-hexanoic acid

LOT NUMBER: PFHxA1215

STRUCTURE:

CAS #: 307-24-4



MOLECULAR FORMULA: $C_6HF_{11}O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 314.05
SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 12/22/2015
EXPIRY DATE: (mm/dd/yyyy) 12/22/2020
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains ~ 0.2% of Perfluoro-n-pentanoic acid (PFPeA).

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 12/23/2015 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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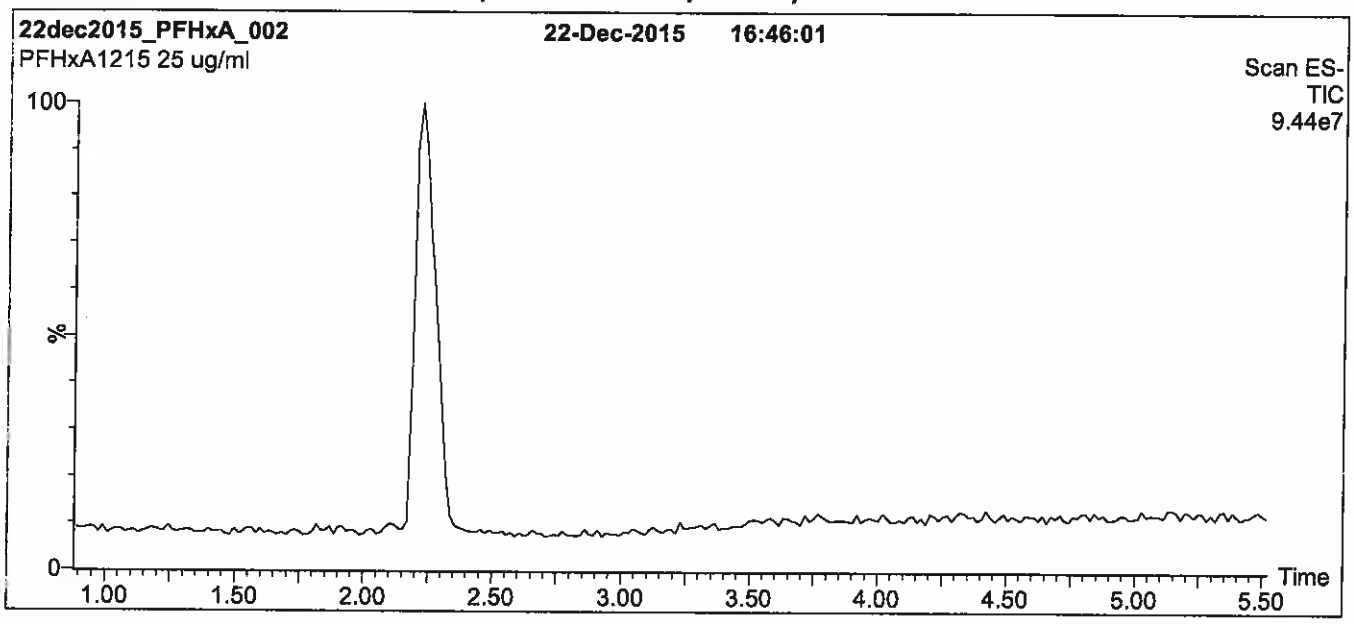
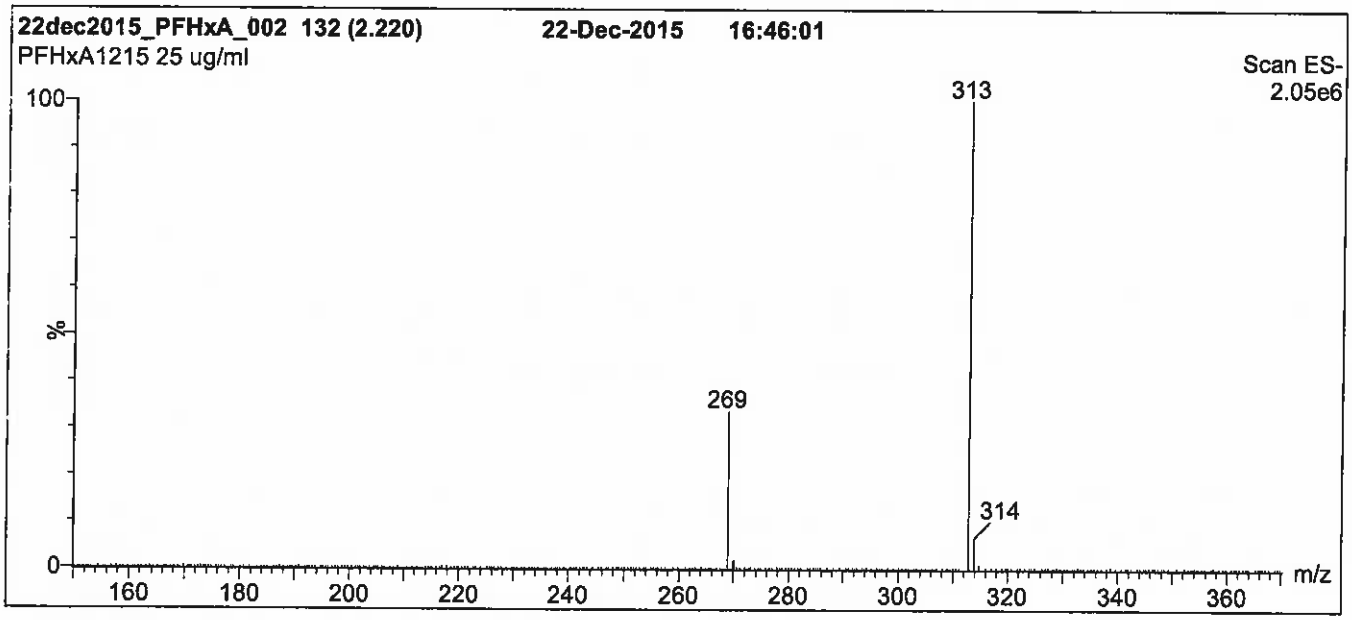
Figure 1: **PFHxA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 2 min before returning to initial conditions in 0.5 min.
Time: 10 min

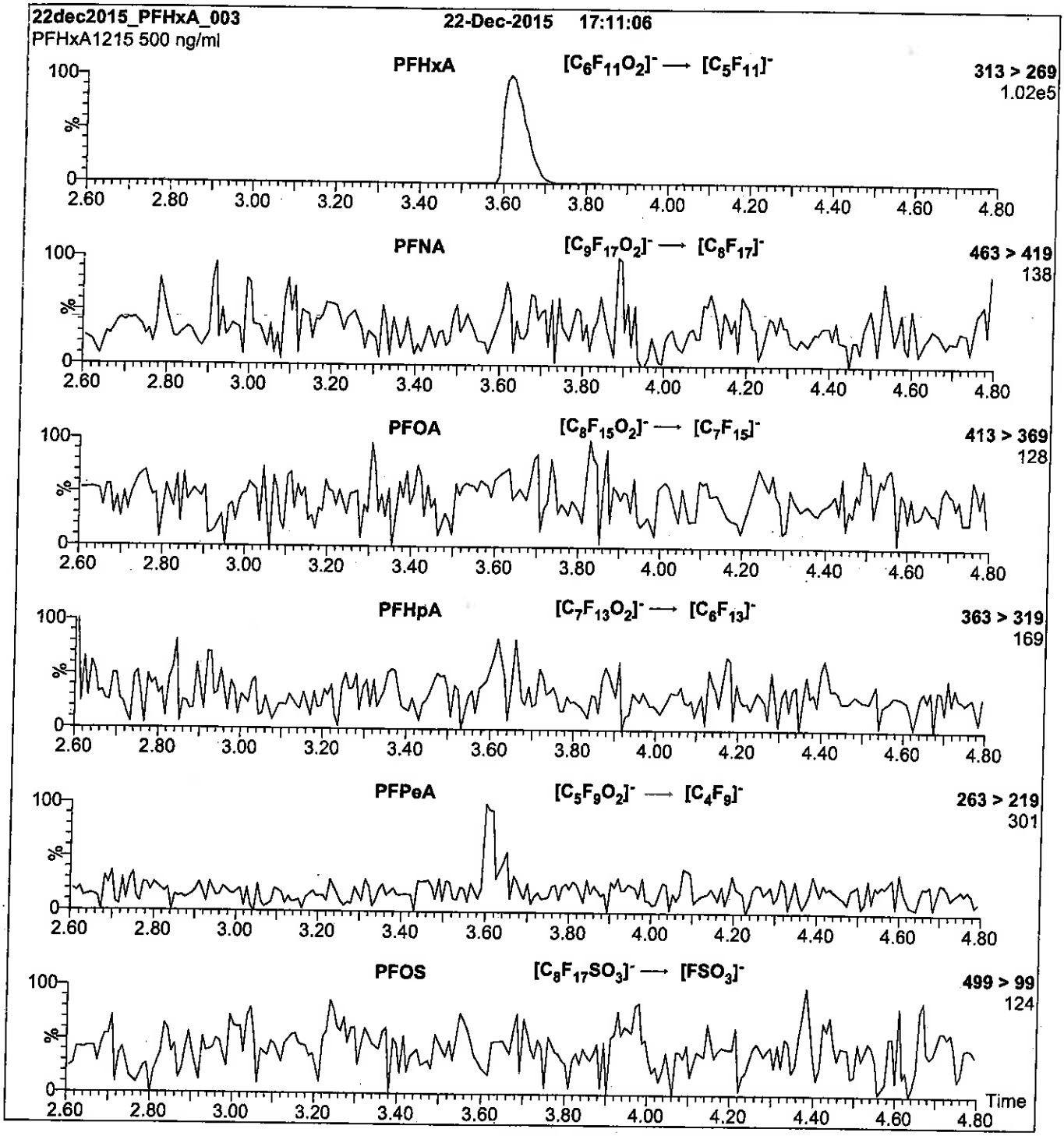
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 100
Desolvation Gas Flow (l/hr) = 750

Figure 2: **PFHxA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml PFHxA)
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)
Flow:	300 µl/min

MS Parameters

Collision Gas (mbar) = 3.43e-3
Collision Energy (eV) = 10

Reagent

LCPFHxDA_00006

R: SBC 9/13/16
Scanned 10/14/16 SR

730630
ID: LCPFHxDA_00006
Exp: 05/25/21 Prpd: SBC
PFHxDA stock 50ug/mL

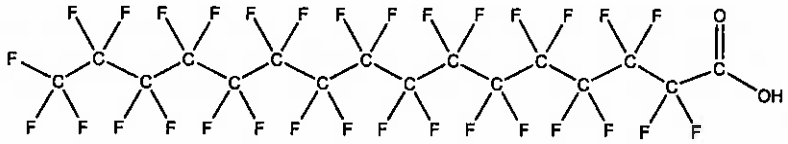
730631
ID: LCPFHxDA_00007
Exp: 05/25/21 Prpd: SBC
PFHxDA stock 50ug/mL

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: PFHxDA
LOT NUMBER: PFHxDA0516
COMPOUND: Perfluoro-n-hexadecanoic acid

STRUCTURE:
CAS #: 67905-19-5



MOLECULAR FORMULA: $C_{16}HF_{31}O_2$
MOLECULAR WEIGHT: 814.13
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol, Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 05/25/2016
EXPIRY DATE: (mm/dd/yyyy) 05/25/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains ~ 0.4% of PFODA.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 05/27/2016 (mm/dd/yyyy)

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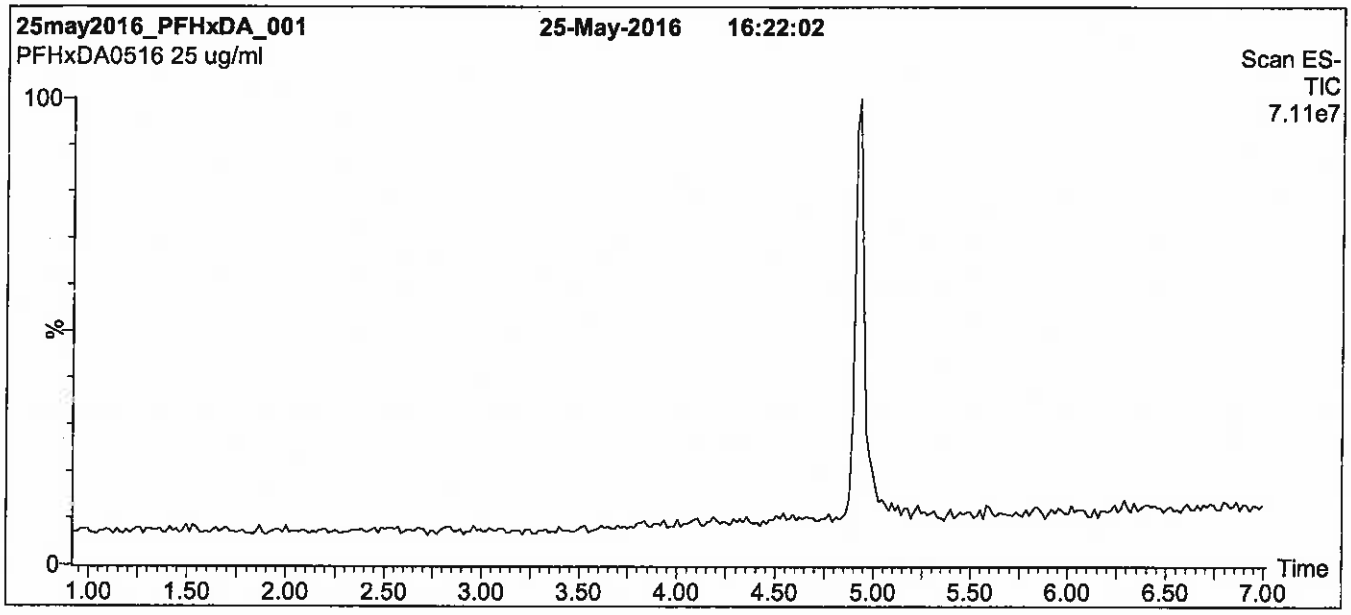
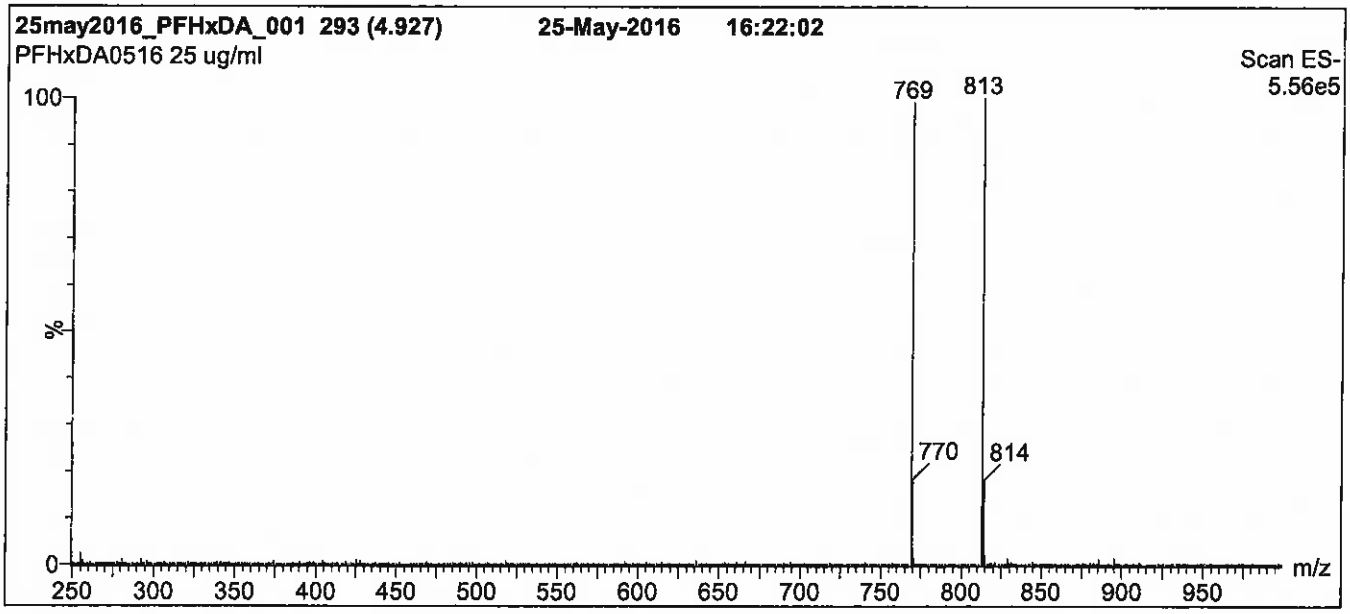
Figure 1: **PFHxDA; LC/MS Data (TIC and Mass Spectrum)**





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LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 70% (80:20 MeOH:ACN) / 30% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 95% organic over 6 min and hold for 2.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min

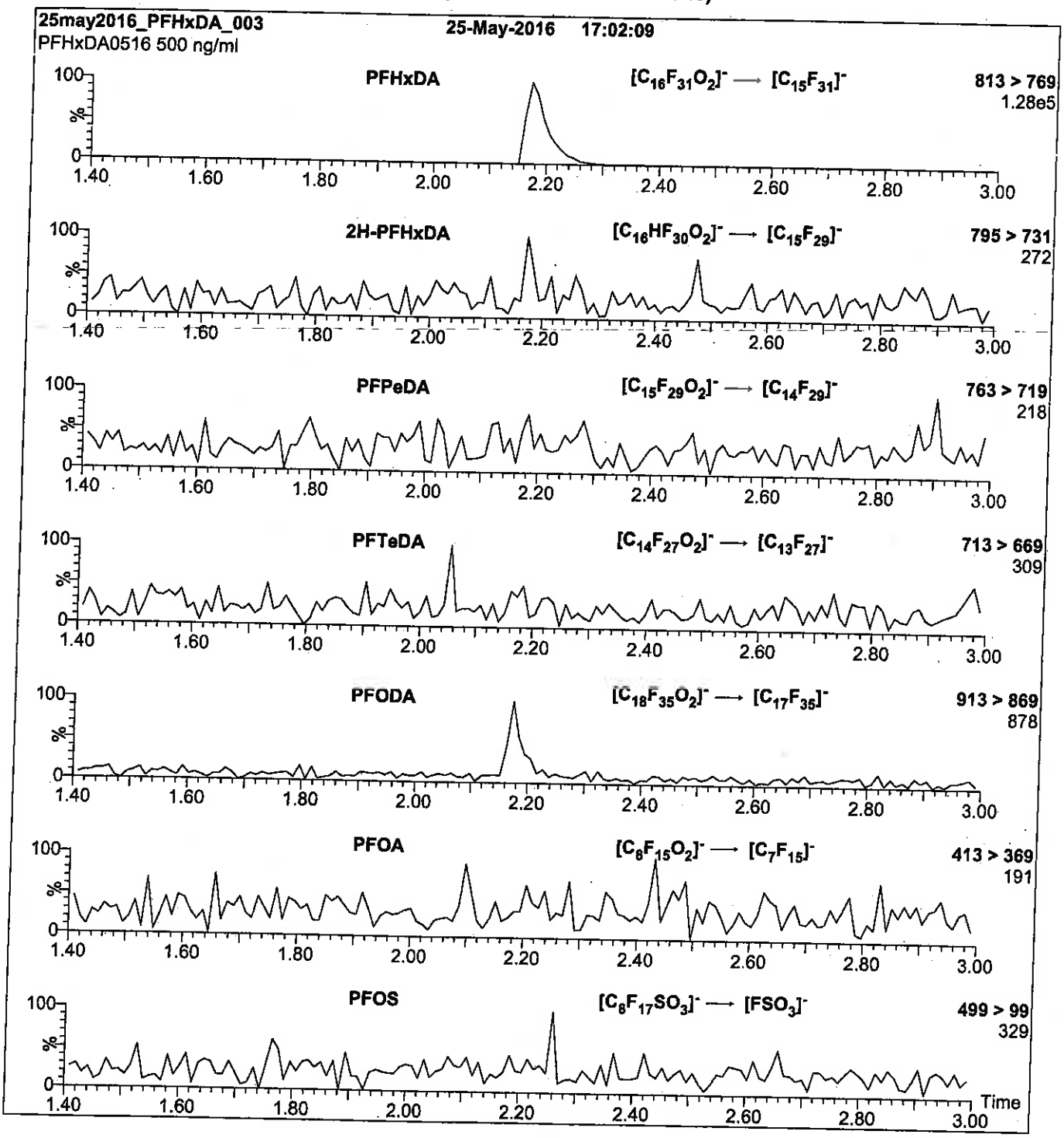
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (250 - 1250 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 25.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 750

Figure 2: PFHxDA; LC/MS/MS Data (Selected MRM Transitions)



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml PFHxDA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.66e-3
Collision Energy (eV) = 15

Reagent

LCPFHxS-br_00002

SBC
R: 9/13/16

730513
ID: LCPFHxS-br_00002
Exp: 07/03/20 Prpd: SBC
Potassium Perfluorohexane

730514
ID: LCPFHxS-br_00003
Exp: 07/03/20 Prpd: SBC
Potassium Perfluorohexane

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

br-PFHxSK

Potassium Perfluorohexanesulfonate Solution/Mixture of Linear and Branched Isomers

PRODUCT CODE:	br-PFHxSK
LOT NUMBER:	brPFHxSK0615
CONCENTRATION:	50.0 ± 2.5 µg/ml (total potassium salt)
	45.5 ± 2.3 µg/ml (total PFHxS anion)
SOLVENT(S):	Methanol
DATE PREPARED: (mm/dd/yyyy)	06/29/2015
LAST TESTED: (mm/dd/yyyy)	07/03/2015
EXPIRY DATE: (mm/dd/yyyy)	07/03/2020
RECOMMENDED STORAGE:	Store ampoule in a cool, dark place

DESCRIPTION:

The chemical purity has been determined to be ≥98% perfluorohexanesulfonate linear and branched isomers. The full name, structure and percent composition for each of the identified isomeric components are given in Table A.

DOCUMENTATION/ DATA ATTACHED:

Table A: Isomeric Components and Percent Composition by ^{19}F-NMR
Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS Data
Figure 3: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains ~ 0.5% of perfluoro-1-pentanesulfonate and ~ 0.2% of perfluoro-1-octanesulfonate.
- CAS#: 3871-99-6 (for linear isomer; potassium salt).

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where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

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EXPIRY DATE / PERIOD OF VALIDITY:

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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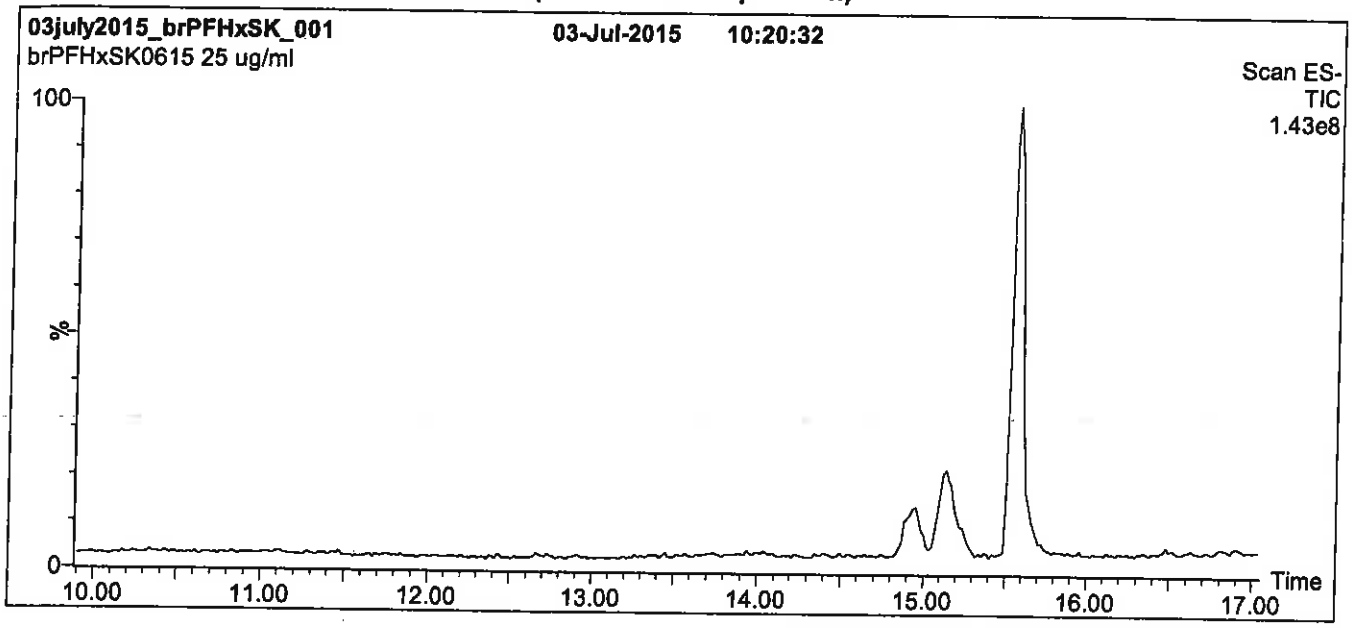
Table A: **br-PFHxSK; Isomeric Components and Percent Composition (by ^{19}F-NMR)***

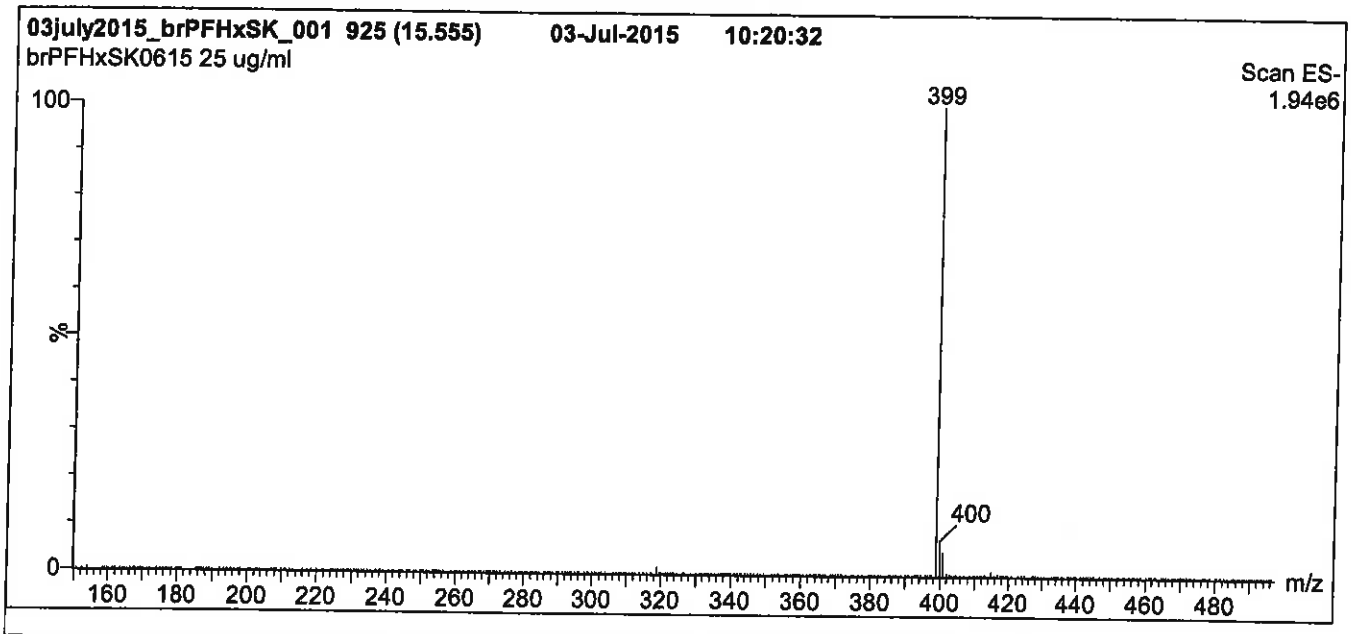
Isomer	Name	Structure	Percent Composition by ^{19}F-NMR
1	Potassium perfluoro-1-hexanesulfonate	$CF_3CF_2CF_2CF_2CF_2CF_2SO_3^-K^+$	81.1
2	Potassium 1-trifluoromethylperfluoropentanesulfonate**	$CF_3CF_2CF_2CF_2CF(CF_3)CF_2SO_3^-K^+$	2.9
3	Potassium 2-trifluoromethylperfluoropentanesulfonate	$CF_3CF_2CF_2CF(CF_3)CF_2CF_2SO_3^-K^+$	1.4
4	Potassium 3-trifluoromethylperfluoropentanesulfonate	$CF_3CF_2CF(CF_3)CF_2CF_2CF_2SO_3^-K^+$	5.0
5	Potassium 4-trifluoromethylperfluoropentanesulfonate	$CF_3CF(CF_3)CF_2CF_2CF_2CF_2SO_3^-K^+$	8.9
6	Potassium 3,3-di(trifluoromethyl)perfluorobutanesulfonate	$CF_3C(CF_3)(CF_3)CF_2CF_2SO_3^-K^+$	0.2
7	Other Unidentified Isomers		0.5

* Percent of total perfluorohexanesulfonate isomers only.
** Systematic Name: Potassium perfluorohexane-2-sulfonate.

Certified By: B.G. Chittim **Date:** 07/15/2015 (mm/dd/yyyy)

Figure 1: **br-PFHxSK; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 20% (80:20 MeOH:ACN) / 80% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 50% organic over 14 min. Ramp to 90% organic over 3 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 20 min

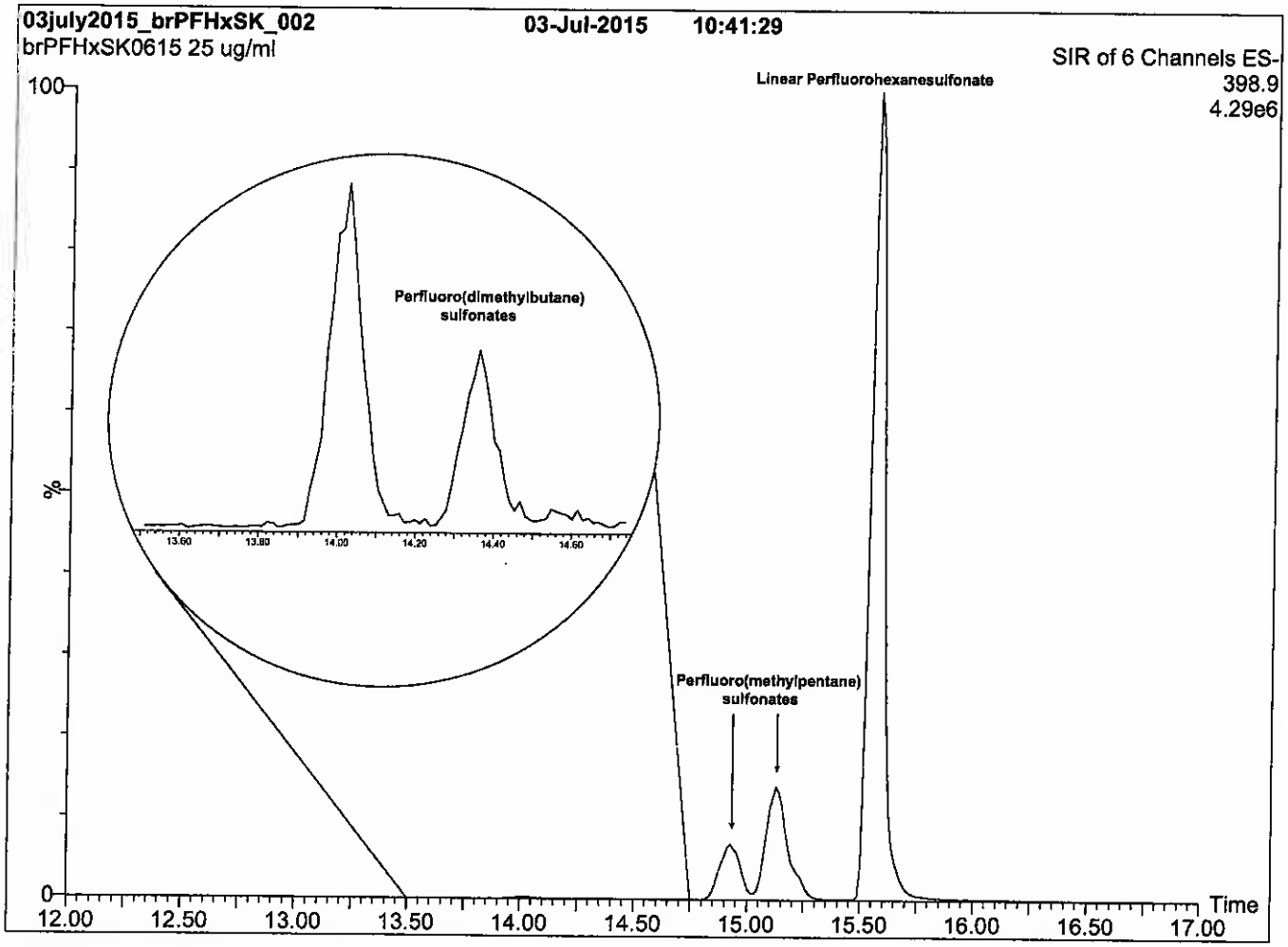
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 50.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 750

Figure 2: **br-PFHxSK; LC/MS Data**



Conditions for Figure 2:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 20% (80:20 MeOH:ACN) / 80% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 50% organic over 14 min. Ramp to 90% organic over 3 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 20 min

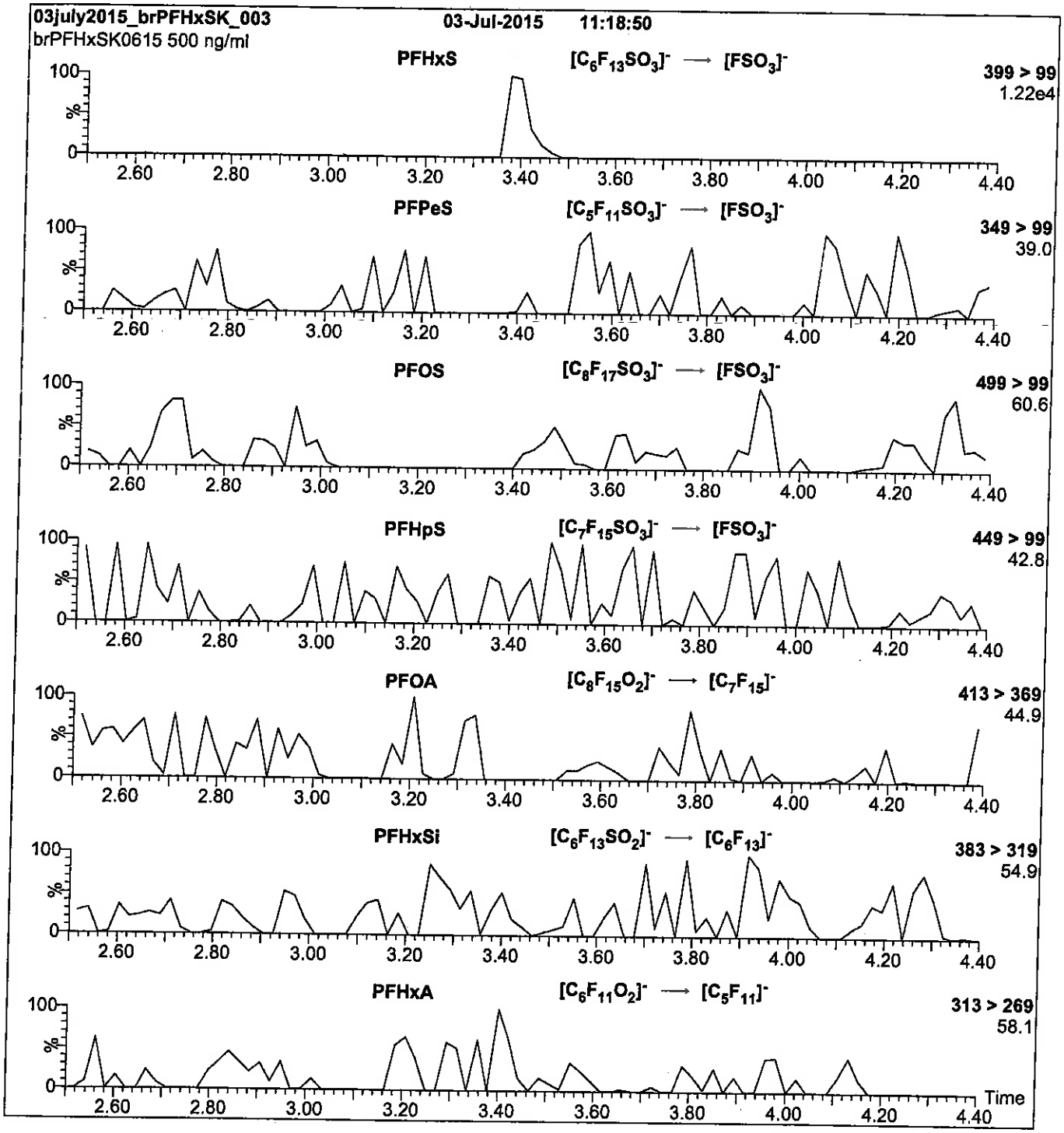
Flow: 300 µl/min

MS Parameters

Experiment: SIR (6 channels)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 50.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 750

Figure 3: **br-PFHxSK; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 3:

Injection: Direct loop injection
10 µl (500 ng/ml br-PFHxSK)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.54e-3
Collision Energy (eV) = 30

Reagent

LCPFNA_00006

R: SBC 9/13/16
Scanned 10/14/16 SR

730559
ID: LCPFNA_00006
Exp: 10/23/20 Prpd: SBC
PF-n-nonanoic acid

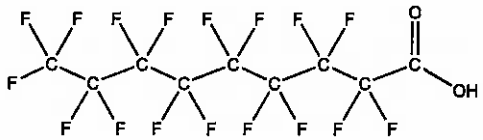
730560
ID: LCPFNA_00007
Exp: 10/23/20 Prpd: SBC
PF-n-nonanoic acid

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: PFNA
LOT NUMBER: PFNA1015
COMPOUND: Perfluoro-n-nonanoic acid

STRUCTURE:



CAS #: 375-95-1

MOLECULAR FORMULA: $C_9HF_{17}O_2$
MOLECULAR WEIGHT: 464.08
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 10/23/2015
EXPIRY DATE: (mm/dd/yyyy) 10/23/2020
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains ~ 0.1% of perfluoro-n-octanoic acid (PFOA) and < 0.1% of perfluoro-n-heptanoic acid (PFHpA).

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 10/30/2015 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

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UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

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TRACEABILITY:

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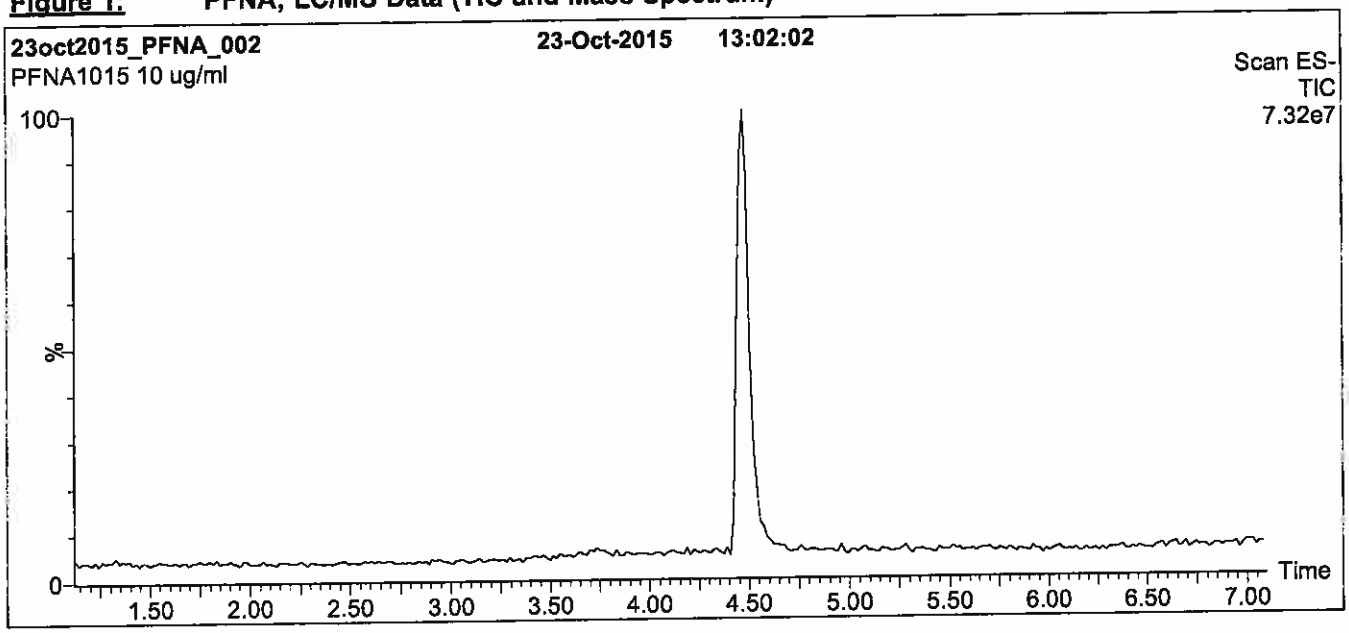
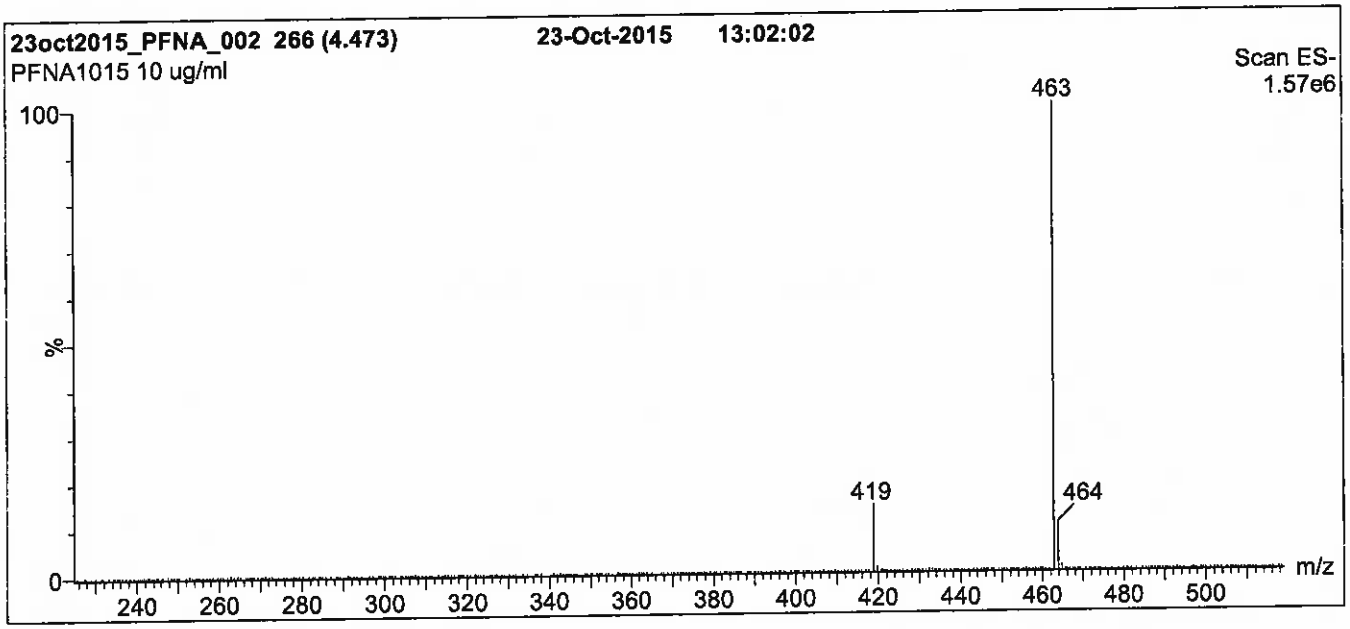
Figure 1: **PFNA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 2 min
before returning to initial conditions in 0.5 min.
Time: 10 min

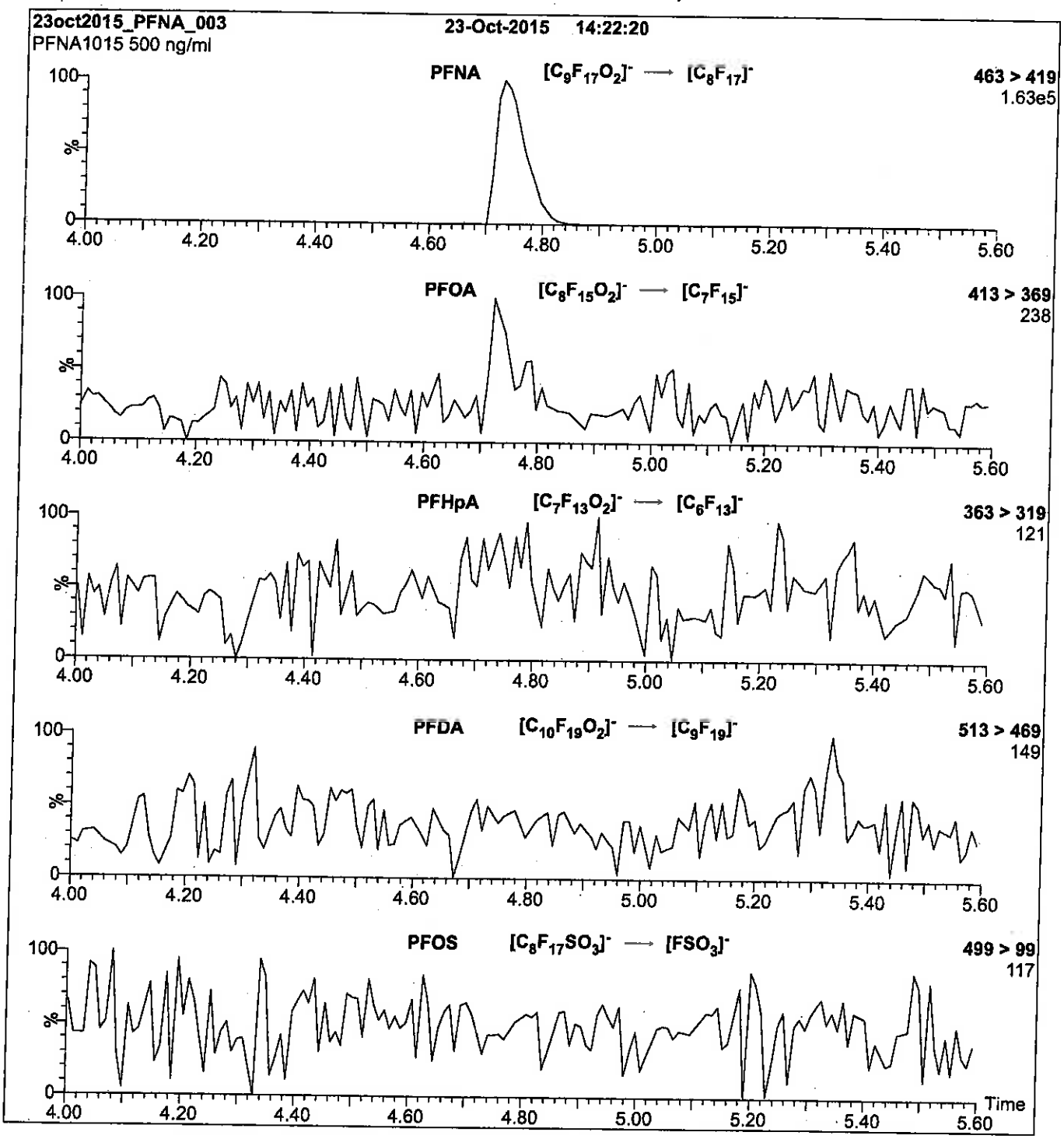
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **PFNA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml PFNA)	**MS Parameters**
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)	Collision Gas (mbar) = 3.28e-3 Collision Energy (eV) = 11
Flow:	300 µl/min	

Reagent

LCPFOA_00006

R-7/6/16 CBW

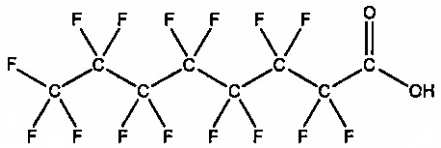
671577
ID: LCPFOA_00006
Exp: 11/06/20 Prpd: CBW
PF-n-octanoic acid

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE: PFOA
LOT NUMBER: PFOA1115
COMPOUND: Perfluoro-n-octanoic acid

STRUCTURE:
CAS #: 335-67-1



MOLECULAR FORMULA: $C_8HF_{15}O_2$
MOLECULAR WEIGHT: 414.07
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol, Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 11/06/2015
EXPIRY DATE: (mm/dd/yyyy) 11/06/2020
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 11/11/2015 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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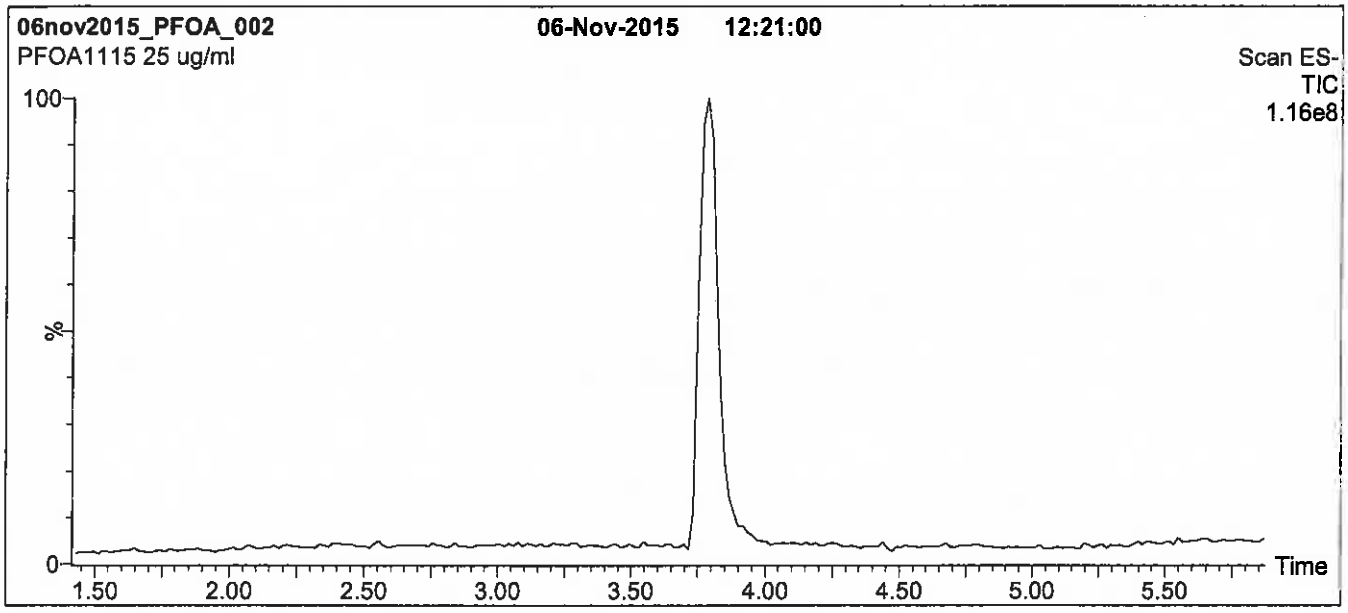
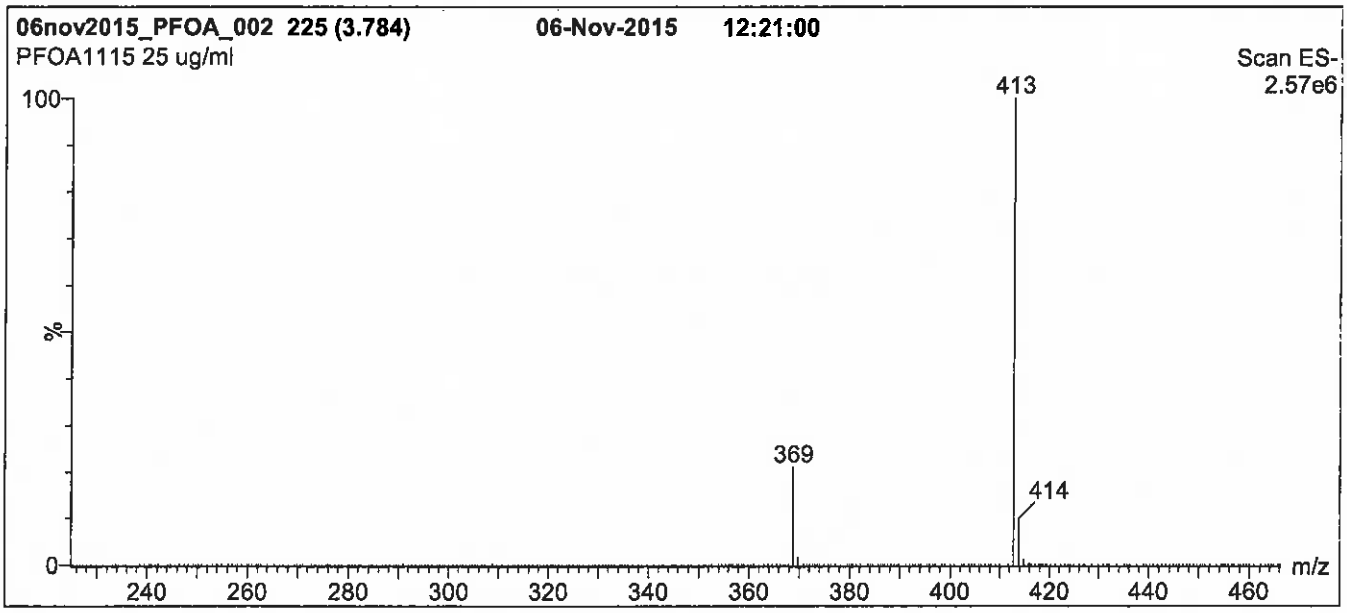
Figure 1: **PFOA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for
2 min before returning to initial conditions in 0.5 min.
Time: 10 min

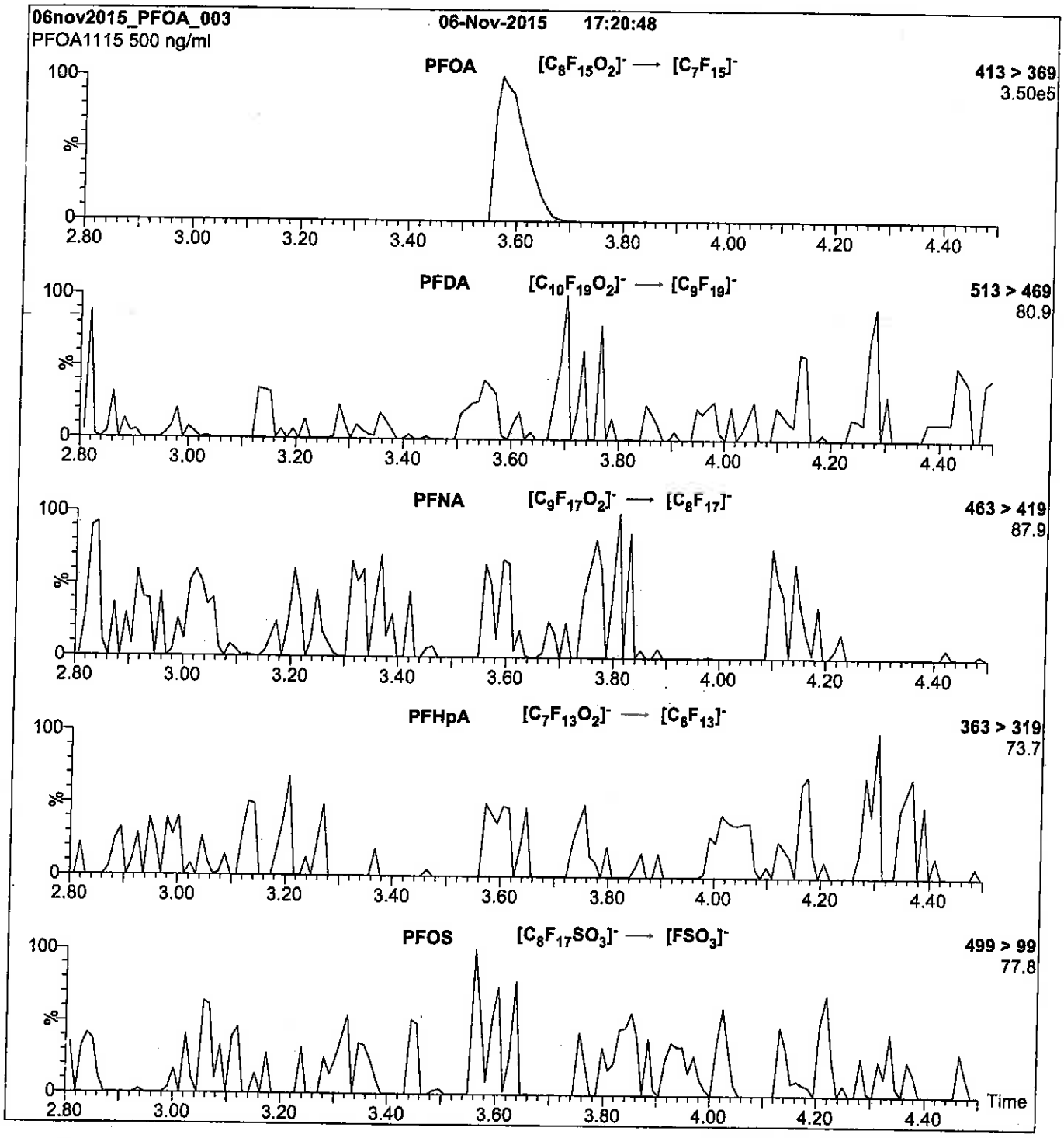
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 100
Desolvation Gas Flow (l/hr) = 750

Figure 2: **PFOA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml PFOA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.17e-3
Collision Energy (eV) = 10

Reagent

LCPFOA_00007

r: 12/24/16 SEW

WELLINGTON LABORATORIES

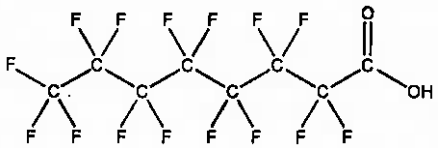
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: PFOA
COMPOUND: Perfluoro-n-octanoic acid

LOT NUMBER: PFOA0716

STRUCTURE:

CAS #: 335-67-1



MOLECULAR FORMULA: $C_8HF_{16}O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 414.07
SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 08/02/2016
EXPIRY DATE: (mm/dd/yyyy) 08/02/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 08/05/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

QUALITY MANAGEMENT:

This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

CALA

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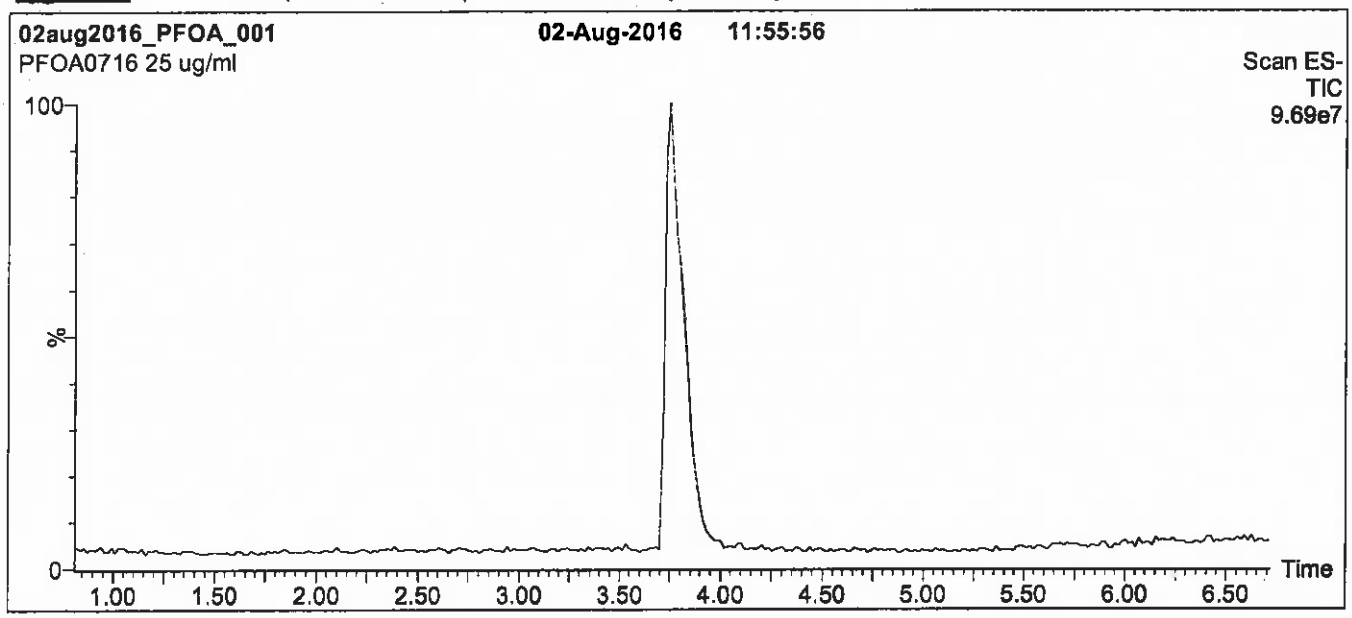
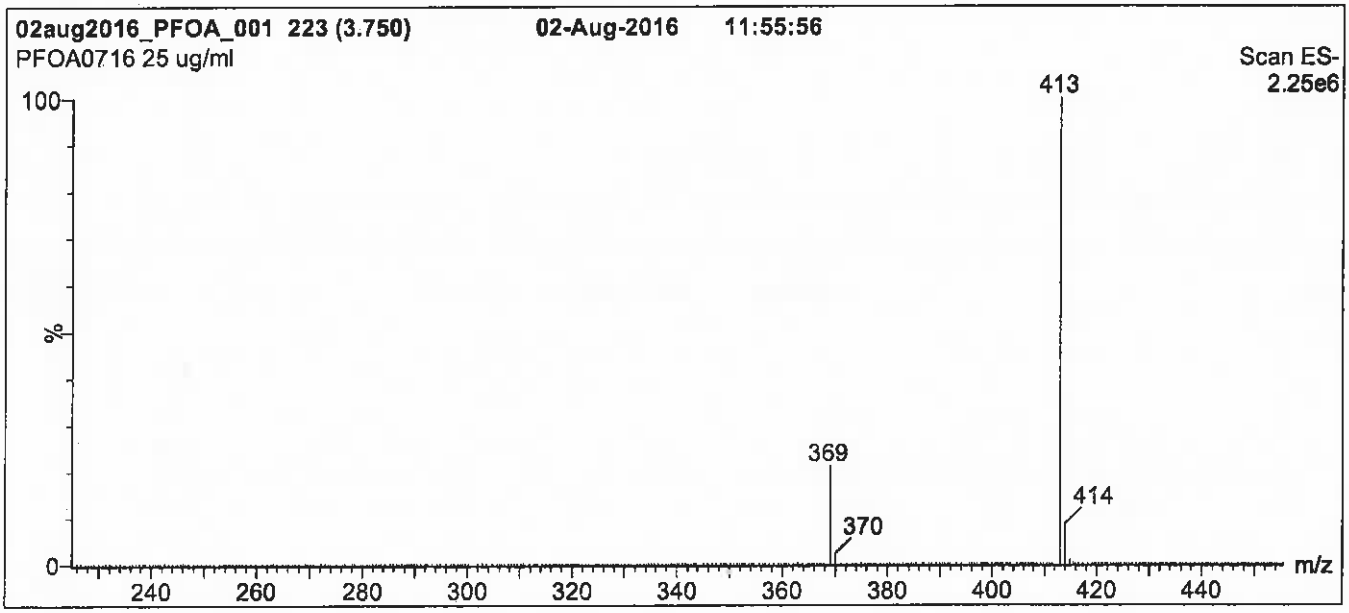
Figure 1: **PFOA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for
1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

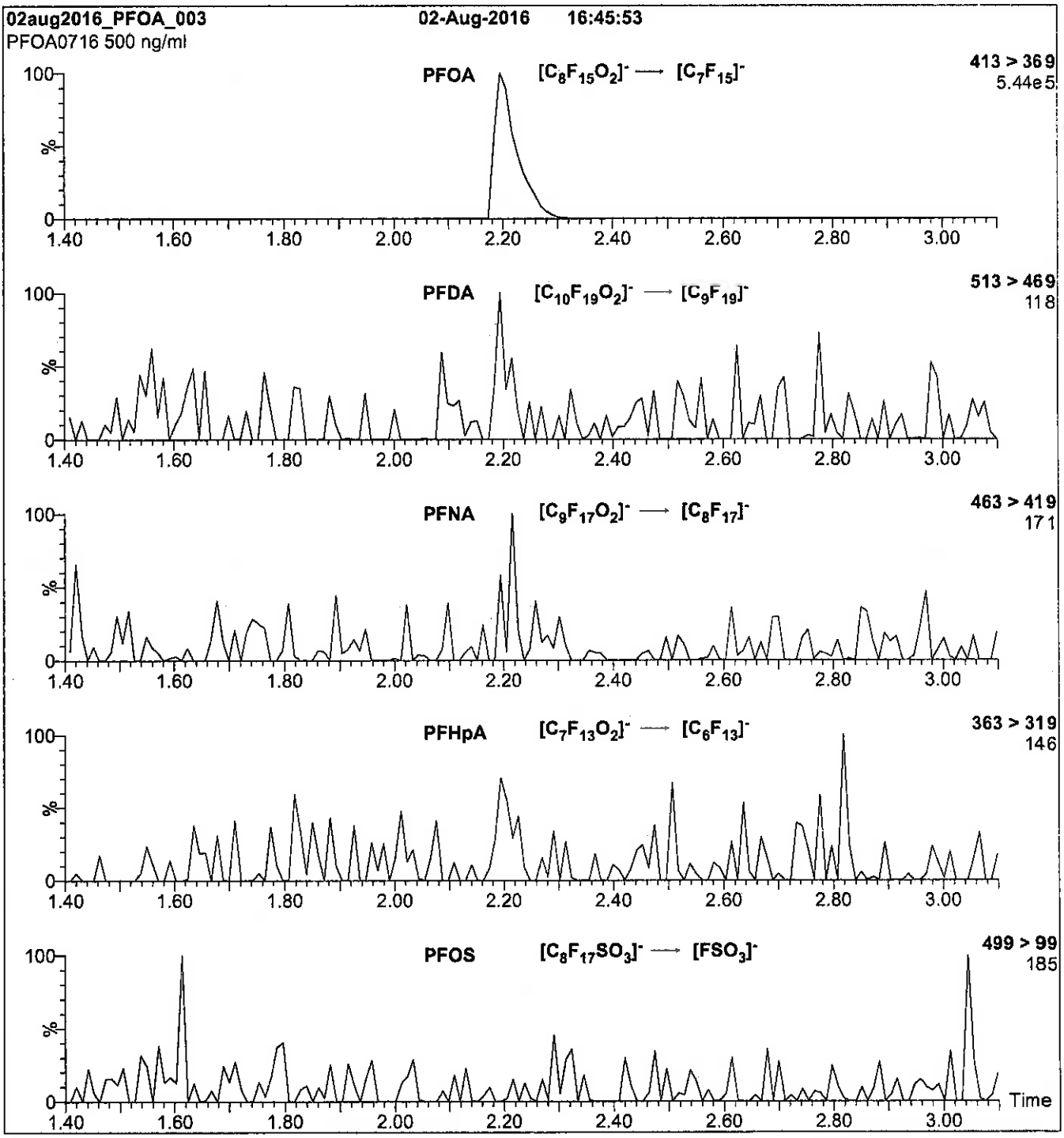
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 100
Desolvation Gas Flow (l/hr) = 750

Figure 2: **PFOA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml PFOA)
Mobile phase:	Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O (both with 10 mM NH_4OAc buffer)
Flow:	300 µl/min

MS Parameters

Collision Gas (mbar) = 3.43e-3
Collision Energy (eV) = 10

Reagent

LCPFODA_00006

Scanned 10/14/16

R: SBC 9/13/16

730632
ID: LCPFODA_00006
Exp: 04/29/21 Prpd: SBC
PFODA stock 50ug/mL

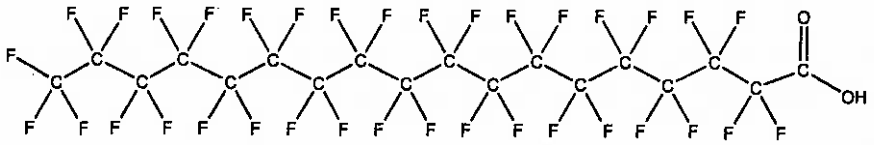
730633
ID: LCPFODA_00007
Exp: 04/29/21 Prpd: SBC
PFODA stock 50ug/mL

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: PFODA
LOT NUMBER: PFODA0416
COMPOUND: Perfluoro-n-octadecanoic acid

STRUCTURE:
CAS #: 16517-11-6



MOLECULAR FORMULA: $C_{18}HF_{35}O_2$
MOLECULAR WEIGHT: 914.14
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol, Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 04/29/2016
EXPIRY DATE: (mm/dd/yyyy) 04/29/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

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Certified By: B.G. Chittim **Date:** 05/20/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

Where possible, all of our products are synthesized using single-product unambiguous routes. They are then characterized, and their structures and purities confirmed, using a combination of the most relevant techniques, such as NMR, GC/MS, LC/MS/MS, SFC/UV/MS/MS, x-ray crystallography, and melting point. Isotopic purities of mass-labelled compounds are also confirmed using HRGC/HRMS and/or LC/MS/MS.

HOMOGENEITY:

Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS, LC/MS/MS and/or SFC/UV/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

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TRACEABILITY:

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EXPIRY DATE / PERIOD OF VALIDITY:

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CALA Testing Accreditation No. A1226

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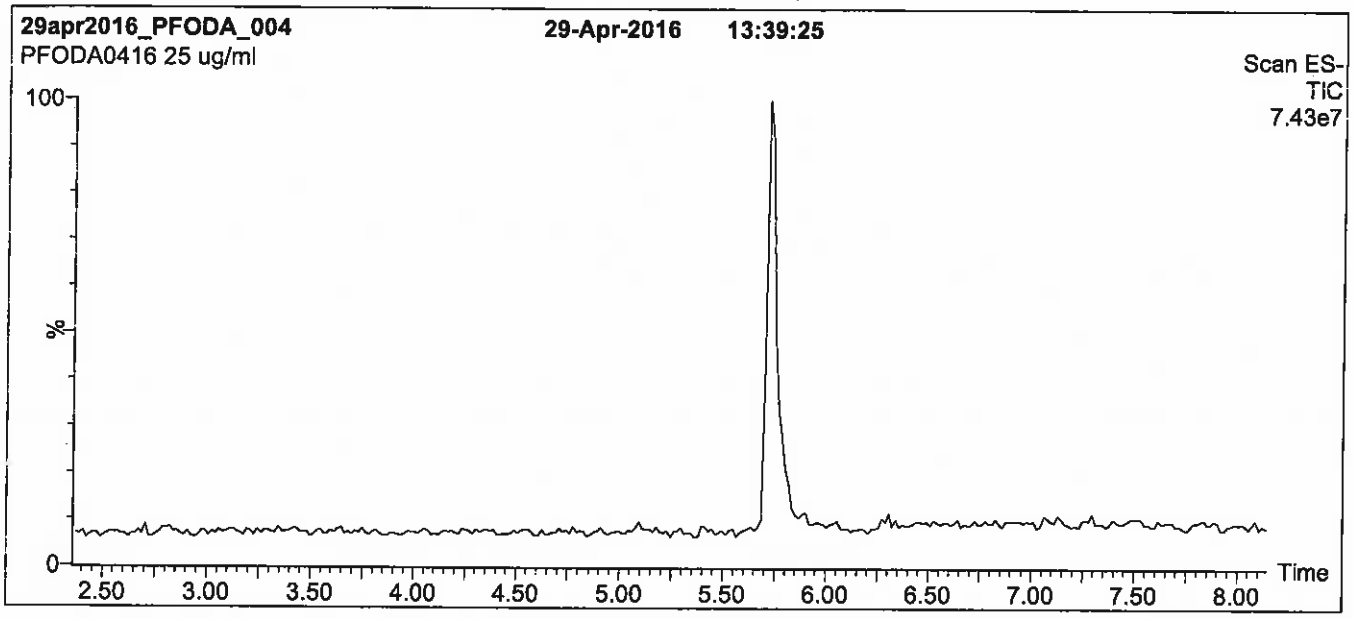
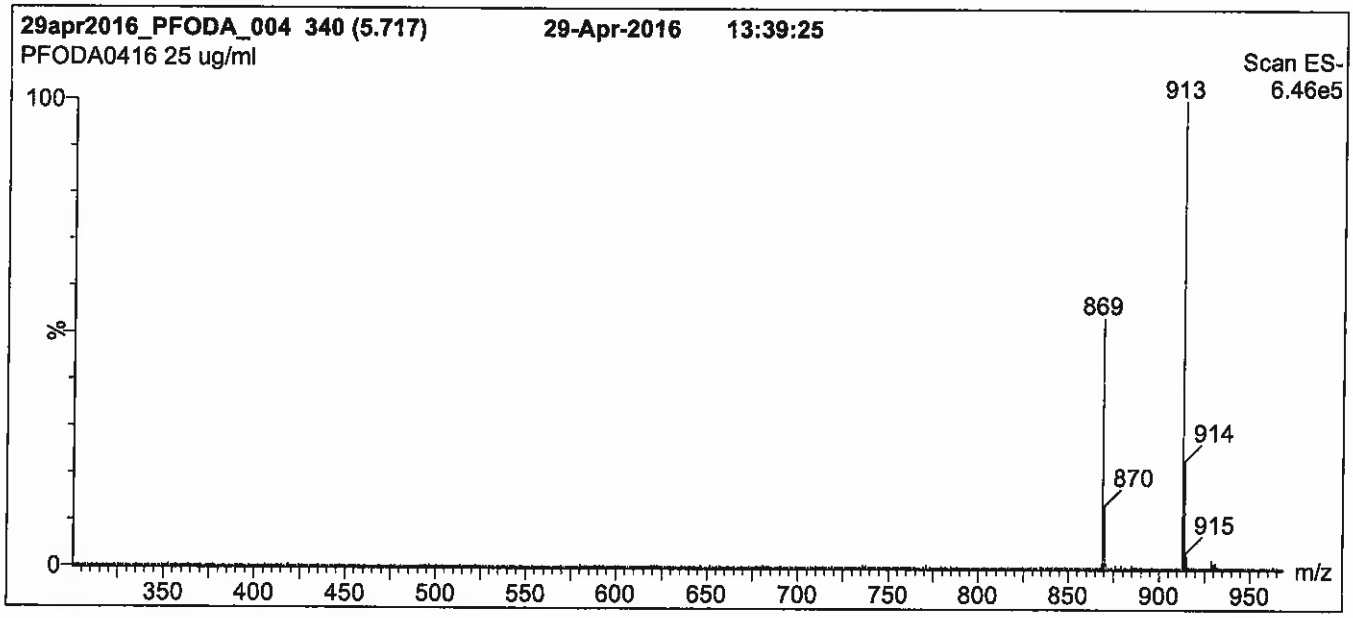
Figure 1: **PFODA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 70% (80:20 MeOH:ACN) / 30% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 95% organic over 6 min and hold for
2.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

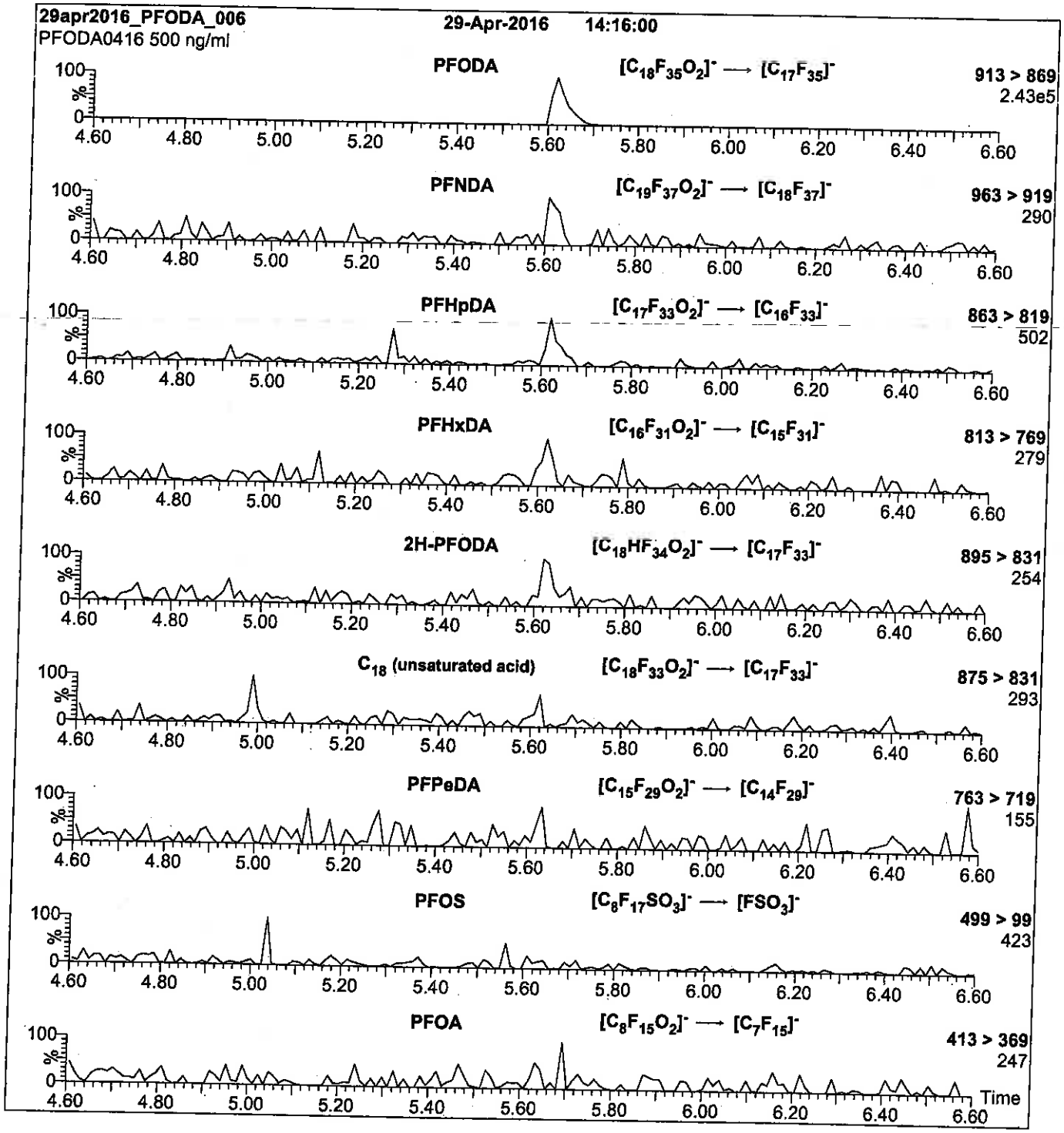
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (250 - 1000 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 25.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **PFODA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml PFODA)

Mobile phase: Isocratic 90% (80:20 MeOH:ACN) / 10% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.39e-3
Collision Energy (eV) = 15

Reagent

LCPFOS-br_00002

Scanned 10/14/16 SR

R: SBC 9/13/16

730515
ID: LCPFOS-br_00002
Exp: 10/14/20 Prpd: SBC
Potassium Perfluorooctane

730516
ID: LCPFOS-br_00003
Exp: 10/14/20 Prpd: SBC
Potassium Perfluorooctane

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

br-PFOSK

Potassium Perfluorooctanesulfonate Solution/Mixture of Linear and Branched Isomers

PRODUCT CODE:	br-PFOSK
LOT NUMBER:	brPFOSK1015
CONCENTRATION:	50 ± 2.5 µg/ml (total potassium salt)
	46.4 ± 2.3 µg/ml (total PFOS anion)
SOLVENT(S):	Methanol
DATE PREPARED: (mm/dd/yyyy)	10/13/2015
LAST TESTED: (mm/dd/yyyy)	10/14/2015
EXPIRY DATE: (mm/dd/yyyy)	10/14/2020
RECOMMENDED STORAGE:	Store ampoule in a cool, dark place

DESCRIPTION:

The chemical purity has been determined to be ≥98% perfluorooctanesulfonate linear and branched isomers. The full name, structure and percent composition for each of the isomeric components are given in Table A.

DOCUMENTATION/ DATA ATTACHED:

Table A: Isomeric Components and Percent Composition by ^{19}F-NMR
Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS Data (SIR)
Figure 3: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- A 5-point calibration curve was generated using linear PFOS (potassium salt) and mass-labelled PFOS as an internal standard to enable quantitation of br-PFOSK using isotopic dilution.
- CAS#: 2795-39-3 (for linear isomer; potassium salt).

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HOMOGENEITY:

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CALA Testing Accredited No. A 1226

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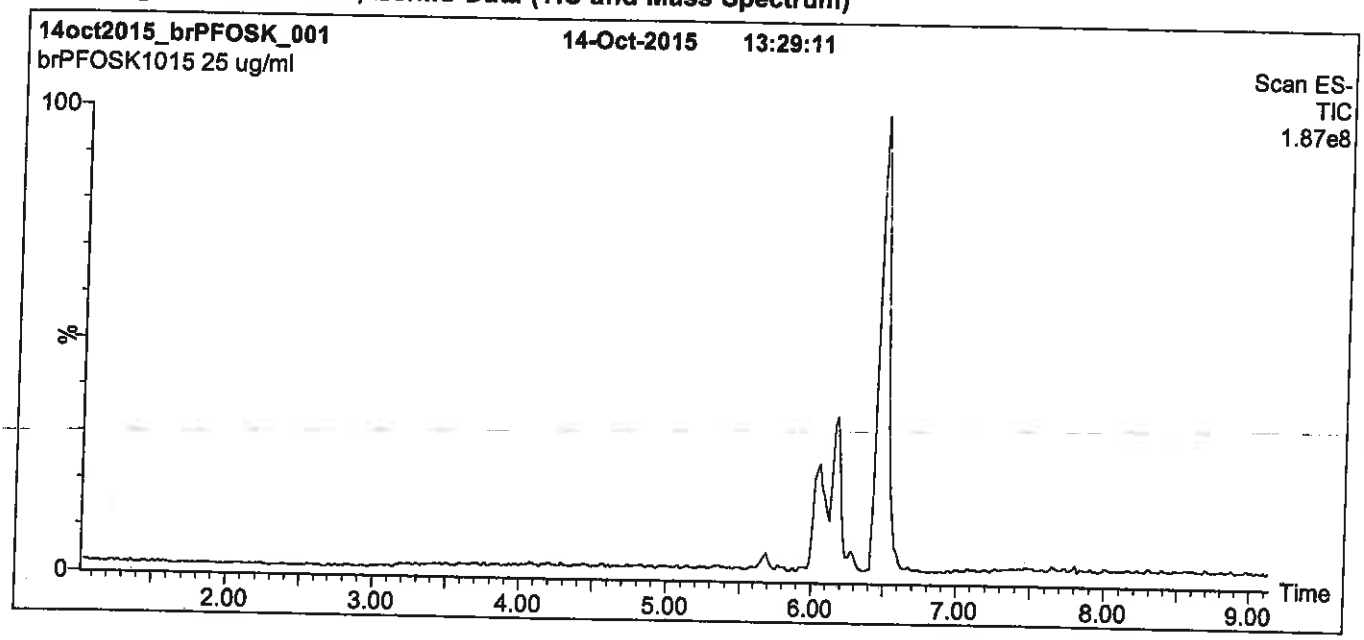
Table A: **br-PFOSK; Isomeric Components and Percent Composition (by ^{19}F-NMR)***

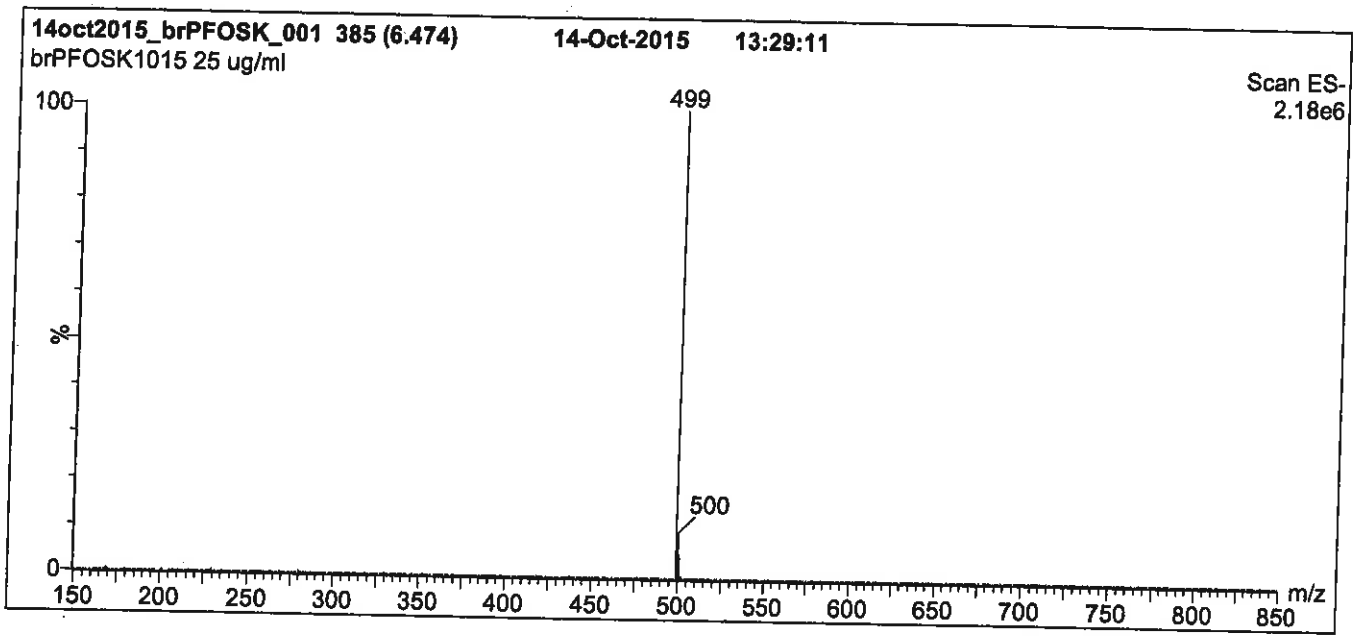
Isomer	Name	Structure	Percent Composition by ^{19}F-NMR
1	Potassium perfluoro-1-octanesulfonate	$CF_3CF_2CF_2CF_2CF_2CF_2CF_2CF_2SO_3^-K^+$	78.8
2	Potassium 1-trifluoromethylperfluoroheptanesulfonate**	$CF_3CF_2CF_2CF_2CF_2CF_2CF(CF_3)SO_3^-K^+$	1.2
3	Potassium 2-trifluoromethylperfluoroheptanesulfonate	$CF_3CF_2CF_2CF_2CF_2CF(CF_3)CF_2SO_3^-K^+$	0.6
4	Potassium 3-trifluoromethylperfluoroheptanesulfonate	$CF_3CF_2CF_2CF_2CF(CF_3)CF_2CF_2SO_3^-K^+$	1.9
5	Potassium 4-trifluoromethylperfluoroheptanesulfonate	$CF_3CF_2CF_2CF(CF_3)CF_2CF_2CF_2SO_3^-K^+$	2.2
6	Potassium 5-trifluoromethylperfluoroheptanesulfonate	$CF_3CF_2CF(CF_3)CF_2CF_2CF_2CF_2SO_3^-K^+$	4.5
7	Potassium 6-trifluoromethylperfluoroheptanesulfonate	$CF_3CF(CF_3)CF_2CF_2CF_2CF_2CF_2SO_3^-K^+$	10.0
8	Potassium 5,5-di(trifluoromethyl)perfluorohexanesulfonate	$CF_3-C(CF_3)_2CF_2CF_2CF_2CF_2SO_3^-K^+$	0.2
9	Potassium 4,4-di(trifluoromethyl)perfluorohexanesulfonate	$CF_3CF_2-C(CF_3)_2-CF_2CF_2CF_2SO_3^-K^+$	0.03
10	Potassium 4,5-di(trifluoromethyl)perfluorohexanesulfonate	$CF_3-CF(CF_3)-CF(CF_3)-CF_2CF_2CF_2SO_3^-K^+$	0.4
11	Potassium 3,5-di(trifluoromethyl)perfluorohexanesulfonate	$CF_3-CF(CF_3)-CF_2-CF(CF_3)-CF_2CF_2SO_3^-K^+$	0.07

* Percent of total perfluorooctanesulfonate isomers only. Isomers are labelled in Figure 2.
** Systematic Name: Potassium perfluorooctane-2-sulfonate.

Certified By: B.G. Chittim **Date:** 10/15/2015 (mm/dd/yyyy)

Figure 1: br-PFOSK; LC/MS Data (TIC and Mass Spectrum)





Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 45% (80:20 MeOH:ACN) / 55% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 12 min and hold for 2 min.
Return to initial conditions over 0.5 min.
Time: 16 min

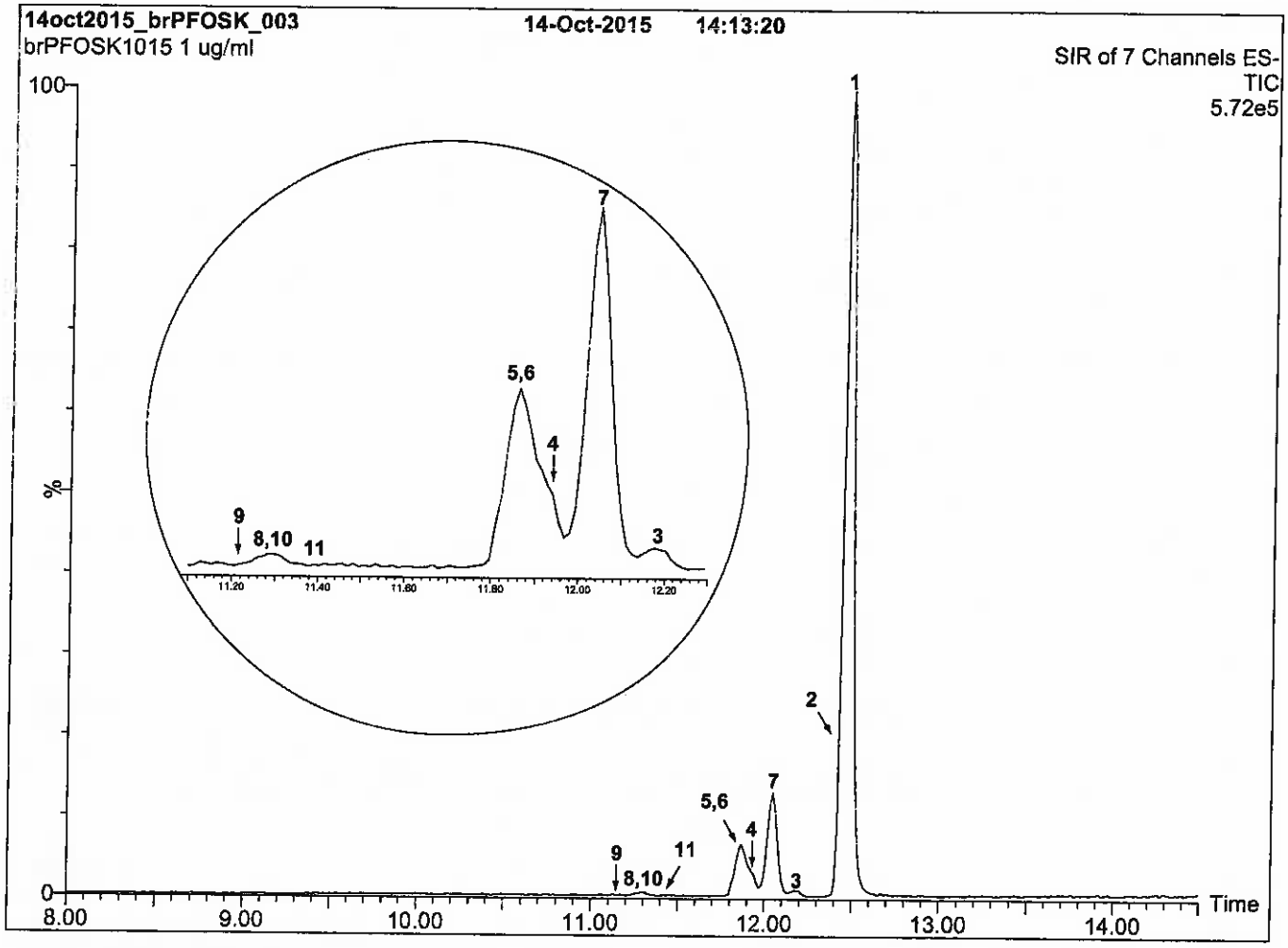
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 60.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **br-PFOSK; LC/MS Data (SIR)**



Conditions for Figure 2:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions:

Column: Acquity UPLC BEH Shield RP_{18} (1.7 µm, 2.1 x 100 mm)

Injection: 1.0 µg/ml of br-PFOSK

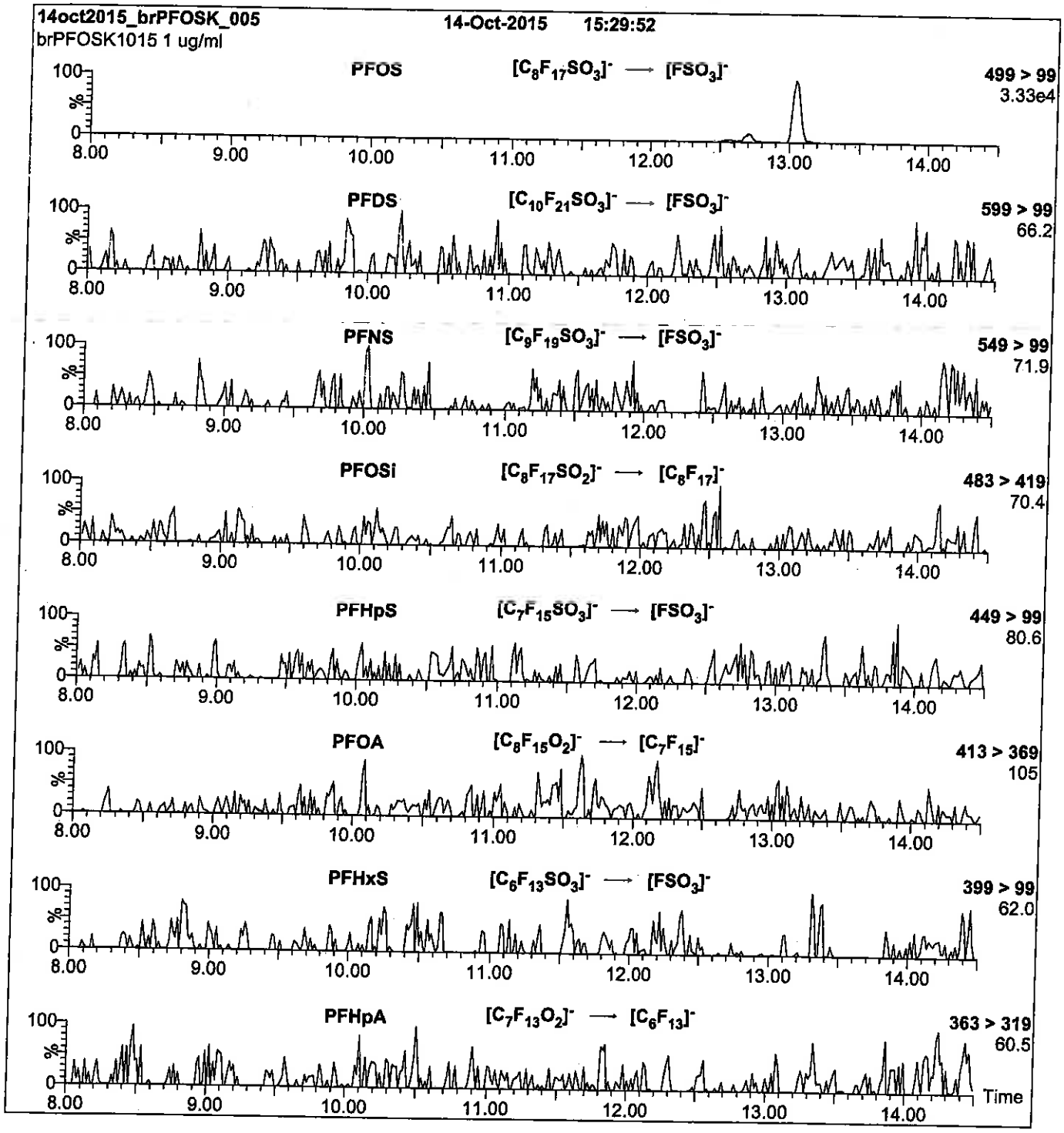
Mobile Phase: Gradient
45% (80:20 MeOH:ACN) / 55% H_2O (both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 15 min and hold for 3 min.
Return to initial conditions over 1 min.
Time: 20 min

Flow: 300 µl/min

MS Conditions:

SIR (ES^-)
Source = 110 °C
Desolvation = 325 °C
Cone Voltage = 60V

Figure 3: **br-PFOSK; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 3:

Injection: On-column

Mobile phase: Same as Figure 2

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.06e-3
Collision Energy (eV) = 11-50 (variable)

Reagent

LCPFPeA_00005

R: 7/6/16 CBW

671579
ID: LCPFPeA_00005
Exp: 01/30/20 Prpd: CBW
PF-n-pentanoic acid

WELLINGTON LABORATORIES

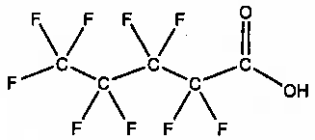
CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE: PFPeA
COMPOUND: Perfluoro-n-pentanoic acid

LOT NUMBER: PFPeA0115

STRUCTURE:

CAS #: 2706-90-3



MOLECULAR FORMULA: $C_5HF_9O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 264.05
SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 01/30/2015
EXPIRY DATE: (mm/dd/yyyy) 01/30/2020
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains ~ 0.3% of Perfluoro-n-heptanoic acid (PFHpA) and ~ 0.2% of $C_5H_2F_8O_2$ (hydrido - derivative) as measured by ^{19}F NMR.

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Certified By: B.G. Chittim **Date:** 03/26/2015 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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HAZARDS:

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UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

TRACEABILITY:

All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

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LIMITED WARRANTY:

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QUALITY MANAGEMENT:

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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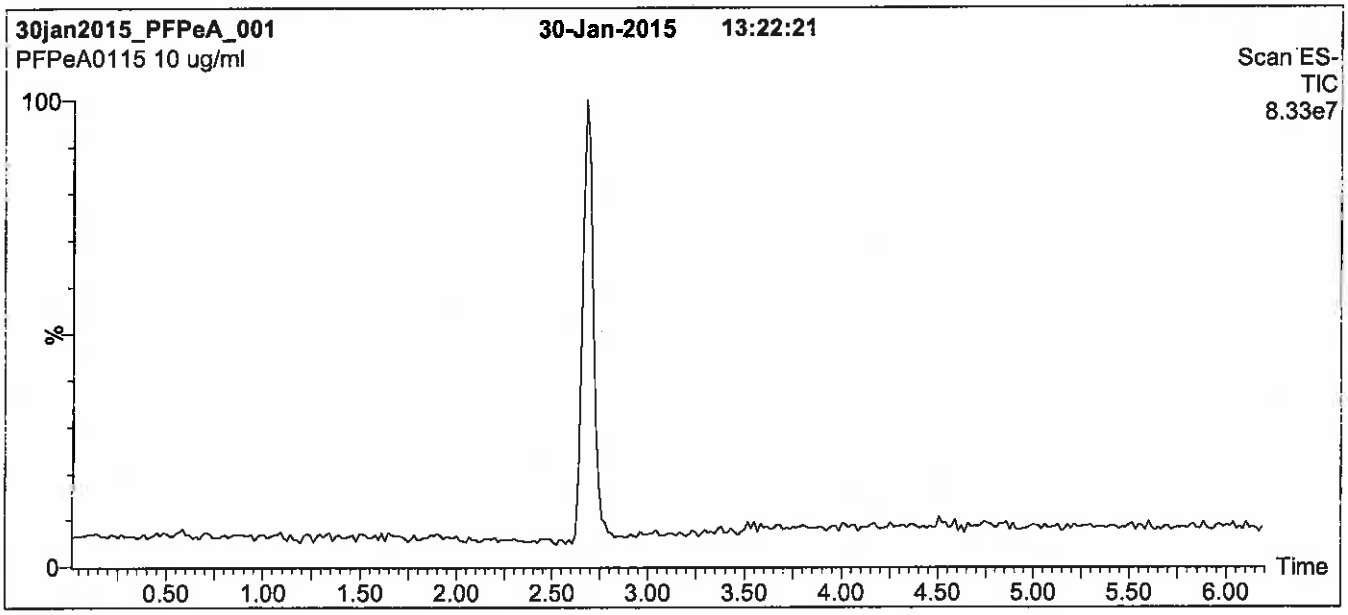
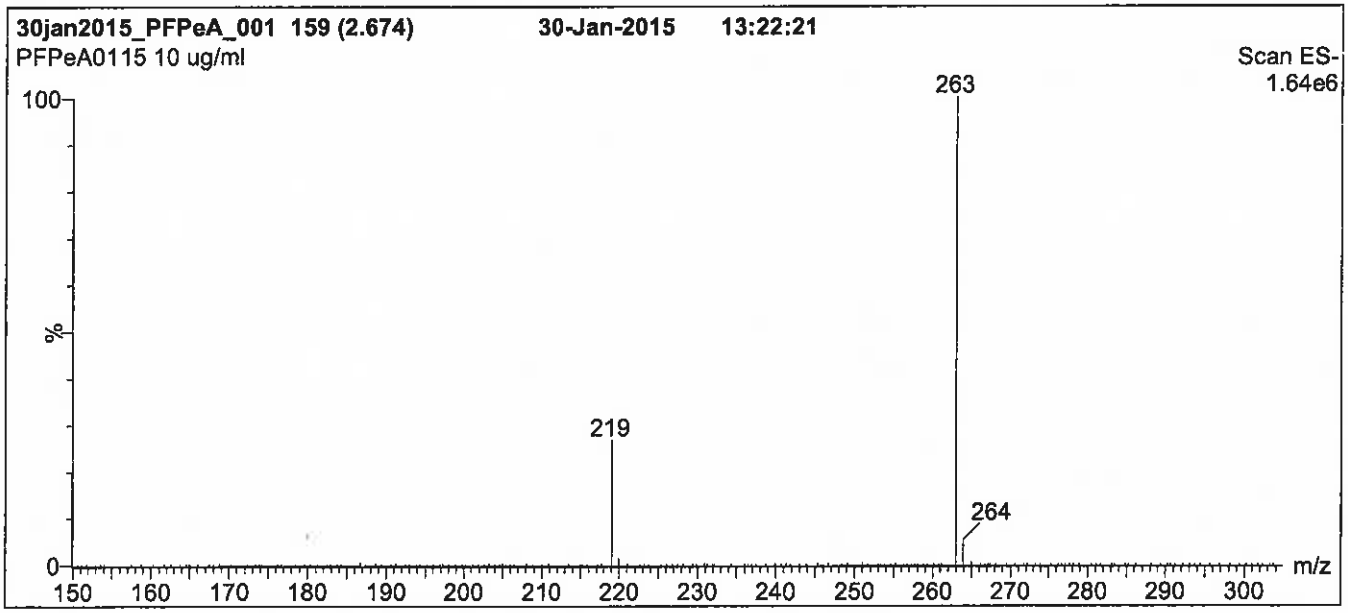
Figure 1: **PFPeA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 30% (80:20 MeOH:ACN) / 70% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7.5 min and hold for 1 min
before returning to initial conditions in 0.5 min.
Time: 10 min

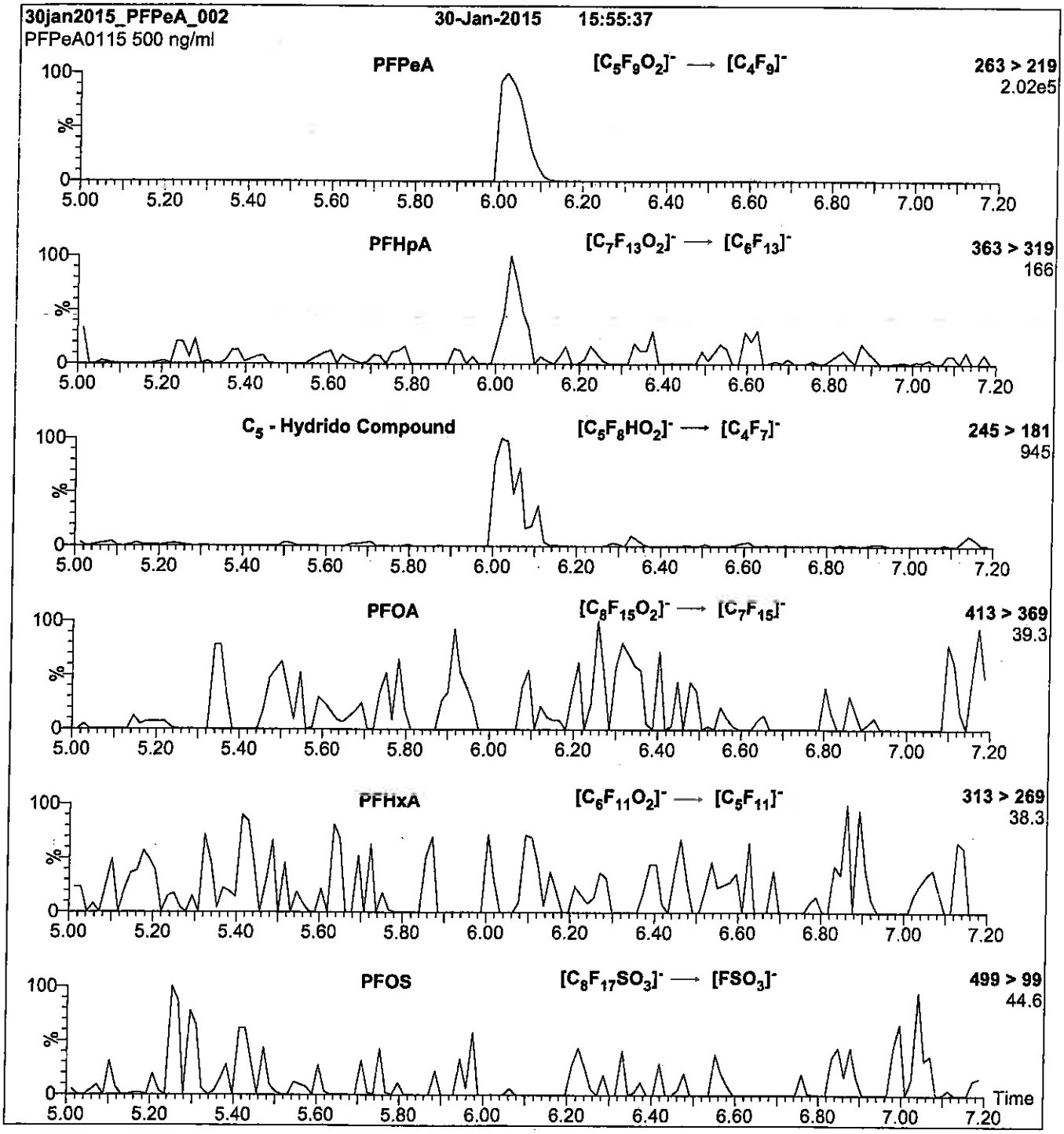
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 750

Figure 2: **PFPeA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml PFPeA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.35e-3
Collision Energy (eV) = 9

Reagent

LCPFPeA_00006

r: 12/29/16 SFN
s: 1/6/17 SFN

WELLINGTON LABORATORIES

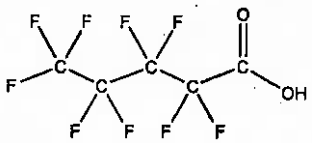
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: PFPeA
COMPOUND: Perfluoro-n-pentanoic acid

LOT NUMBER: PFPeA0516

STRUCTURE:

CAS #: 2706-90-3



MOLECULAR FORMULA: $C_5HF_8O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 264.05
SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 05/31/2016
EXPIRY DATE: (mm/dd/yyyy) 05/31/2021
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains ~ 0.3% of Perfluoro-n-heptanoic acid (PFHpA) and ~ 0.2% of $C_5H_2F_8O_2$ (hydrido - derivative) as measured by ^{19}F NMR.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 06/02/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

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CALA

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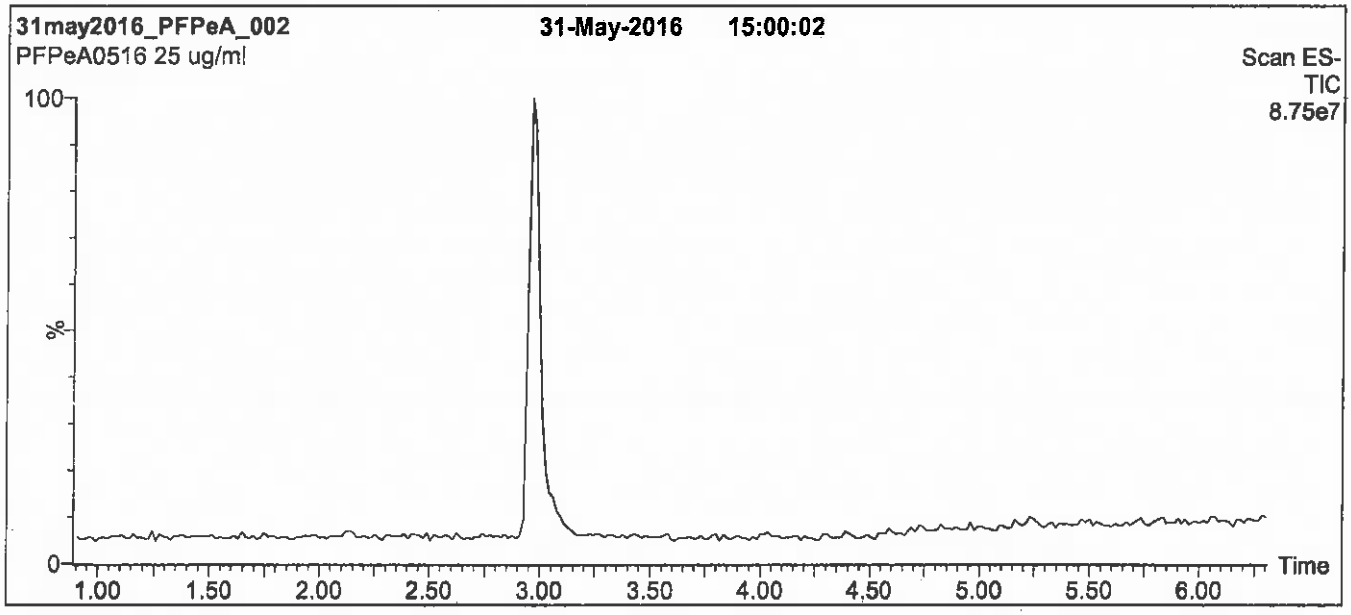
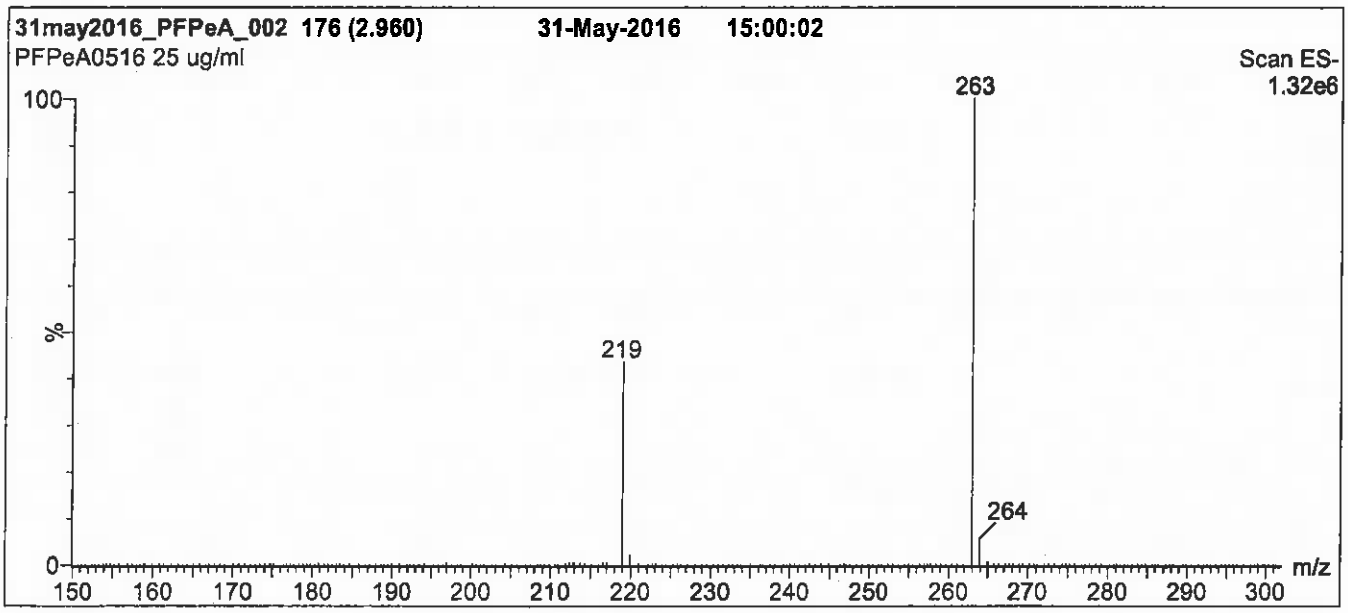




Conditions for Figure 1:

LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 30% (80:20 MeOH:ACN) / 70% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

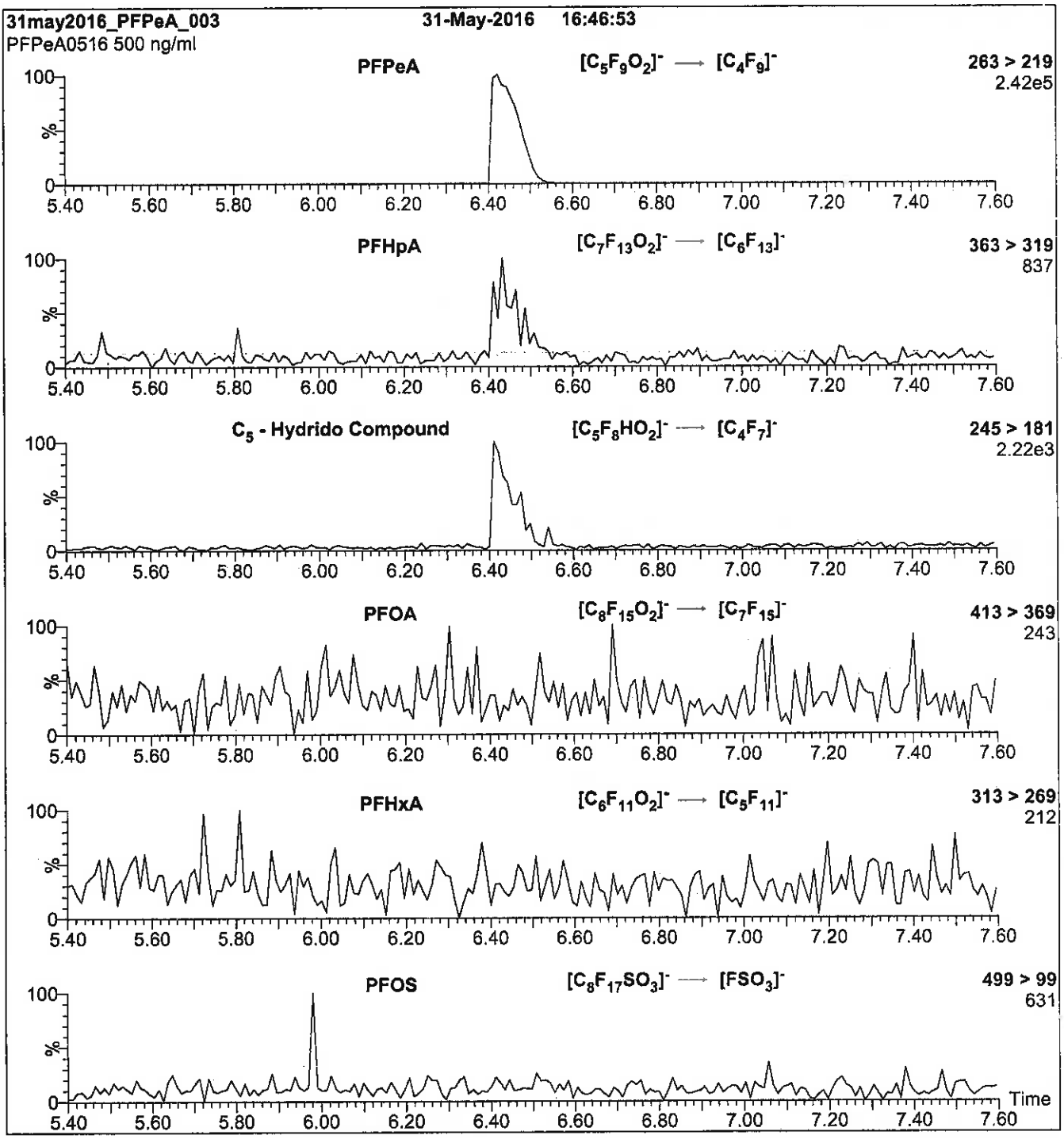
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 750

Figure 2: **PFPeA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml PFPeA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.20e-3
Collision Energy (eV) = 9

Reagent

LCPFTeDA_00005

R: SBG 9/13/16

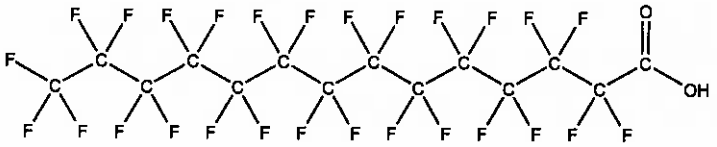
730645
ID: LCPFTeDA_00005
Exp: 12/09/20 Prpd: SBC
PF-n-tetradecanoic acid

730659
ID: LCPFTeDA_00006
Exp: 12/09/20 Prpd: SBC
PF-n-tetradecanoic acid

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: PFTeDA
LOT NUMBER: PFTeDA1215
COMPOUND: Perfluoro-n-tetradecanoic acid
STRUCTURE:
CAS #: 376-06-7



MOLECULAR FORMULA: $C_{14}HF_{27}O_2$
MOLECULAR WEIGHT: 714.11
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol, Water (<1%)
CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 12/09/2015
EXPIRY DATE: (mm/dd/yyyy) 12/09/2020
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains ~ 0.2% of PFDoA ($C_{12}HF_{23}O_2$) and ~ 0.2% of PFPeDA ($C_{15}HF_{29}O_2$).

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 12/09/2015 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

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CALA

ANAB ACCREDITED

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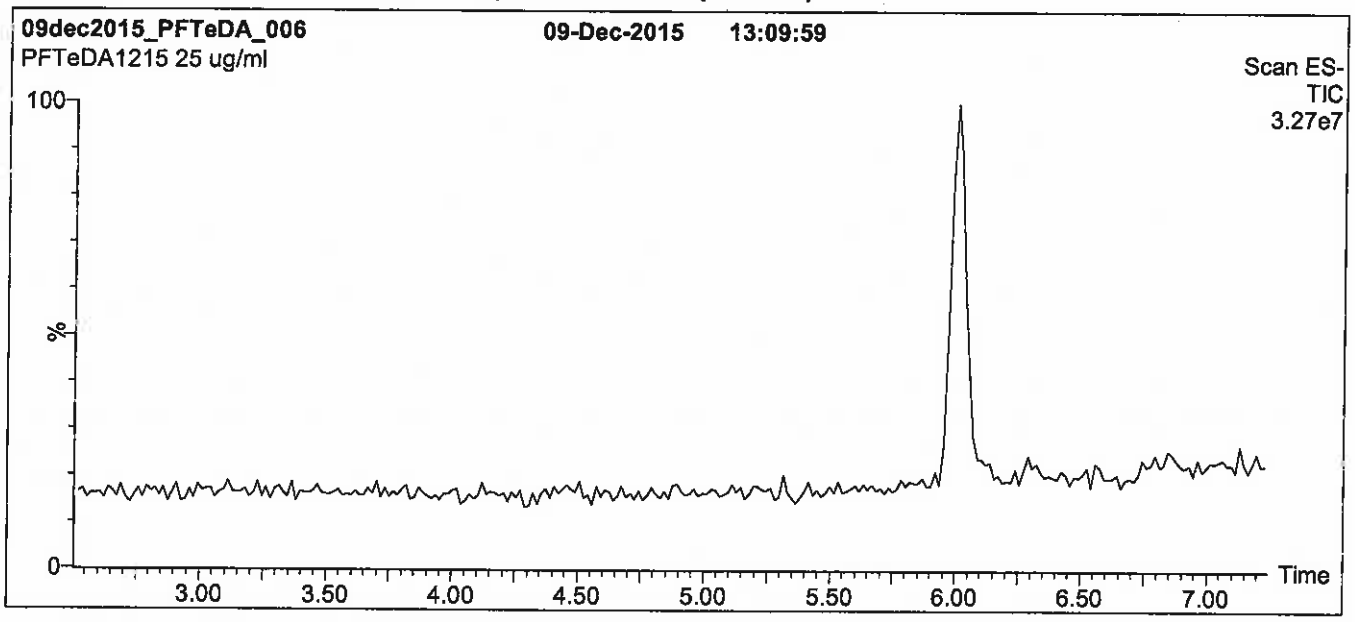
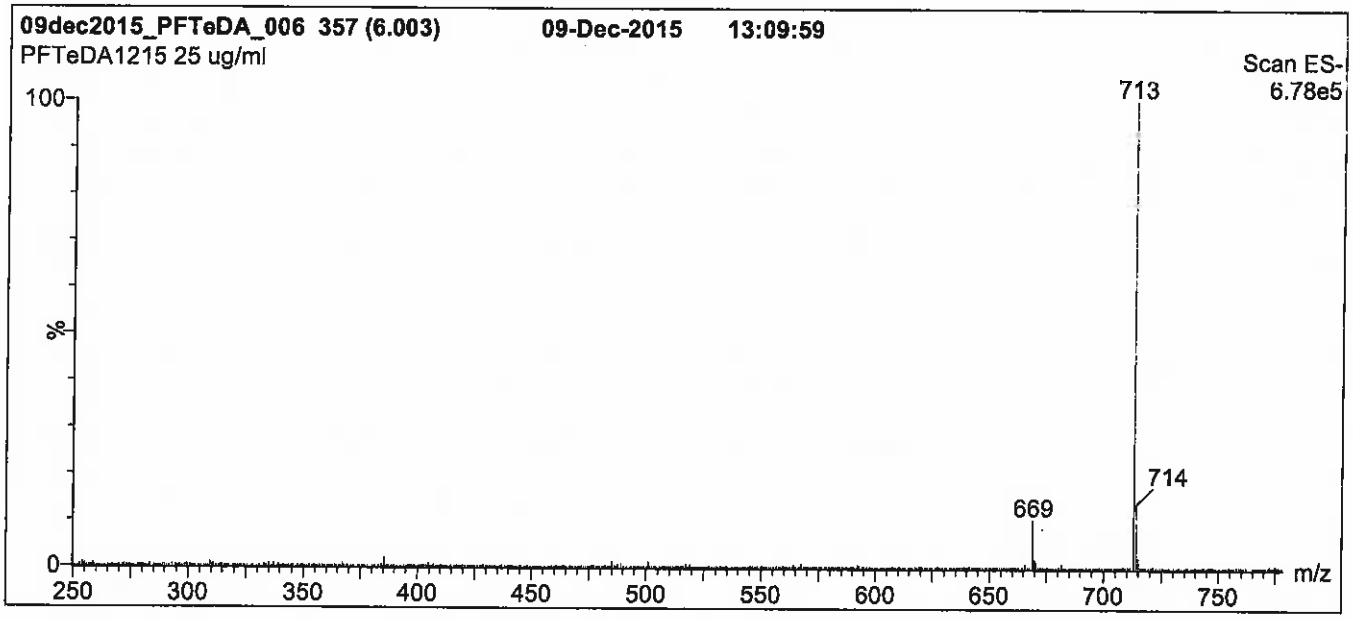
Figure 1: **PFTeDA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 65% (80:20 MeOH:ACN) / 35% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7.5 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

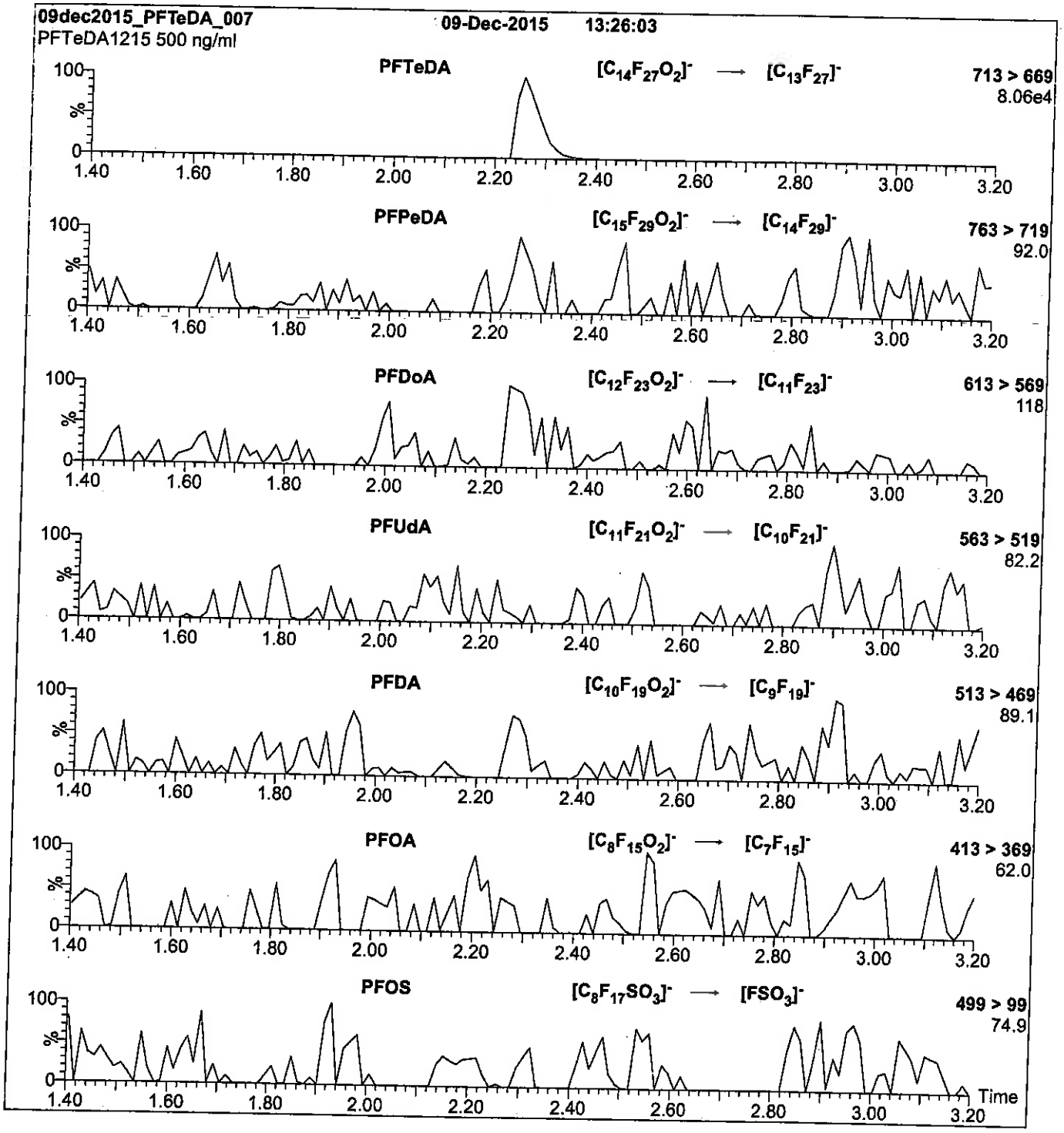
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (250 - 1250 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 750

Figure 2: **PFTeDA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml PFTeDA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.43e-3
Collision Energy (eV) = 14

Reagent

LCPFTrDA_00005

R: SBC 9/13/16

730665
ID: LCPFTrDA_00005
Exp: 02/12/21 Prpd: SBC
PF-n-tridecanoic acid

730666
ID: LCPFTrDA_00006
Exp: 02/12/21 Prpd: SBC
PF-n-tridecanoic acid

WELLINGTON LABORATORIES

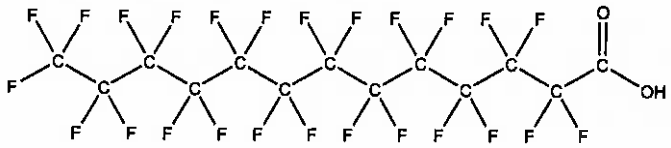
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: PFTrDA
COMPOUND: Perfluoro-n-tridecanoic acid

LOT NUMBER: PFTrDA0216

STRUCTURE:

CAS #: 72629-94-8



MOLECULAR FORMULA: $C_{13}HF_{25}O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 664.11
SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 02/12/2016
EXPIRY DATE: (mm/dd/yyyy) 02/12/2021
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ADDITIONAL INFORMATION:

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- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.
- Contains ~ 0.1% of PFUdA ($C_{11}HF_{21}O_2$), ~ 0.4% of PFDoA ($C_{12}HF_{23}O_2$), and ~ 0.1% of PFTeDA ($C_{14}HF_{27}O_2$).

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Certified By: B.G. Chittim **Date:** 02/16/2016 (mm/dd/yyyy)

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All reference standard solutions are traceable to specific crystalline lots. The microbalances used for solution preparation are regularly tested by an external ISO/IEC 17025 accredited calibration company. In addition, their calibration is verified prior to each weighing using NIST and/or NRC traceable external weights. All volumetric glassware used is of Class A tolerance and has been tested according to the appropriate ASTM procedures, which are ultimately traceable to NIST. For certain products, traceability to international interlaboratory studies has also been established.

EXPIRY DATE / PERIOD OF VALIDITY:

Ongoing stability studies of this product have demonstrated stability in its composition and concentration, until the specified expiry date, in the unopened ampoule. Monitoring for any degradation or change in concentration of the listed analyte(s) is performed on a routine basis.

LIMITED WARRANTY:

At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

QUALITY MANAGEMENT:

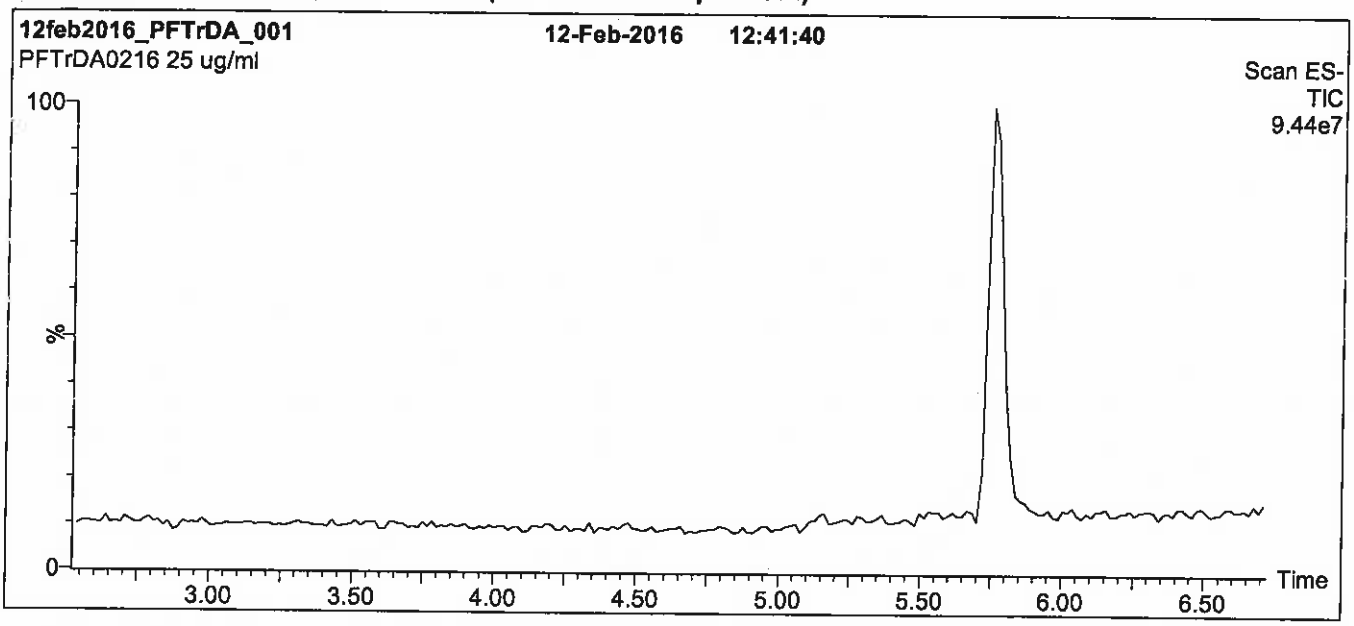
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

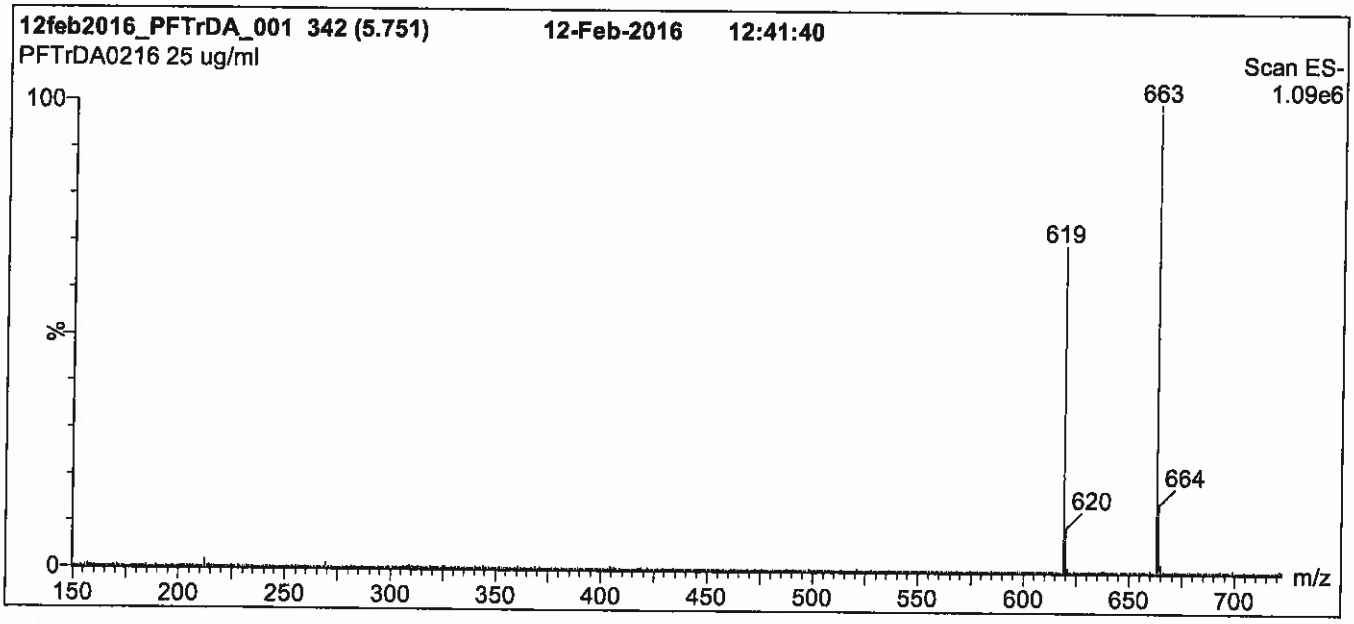
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

For additional information or assistance concerning this or any other products from Wellington Laboratories Inc., please visit our website at www.well-labs.com or contact us directly at info@well-labs.com

Figure 1: **PFTrDA; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 60% (80:20 MeOH:ACN) / 40% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

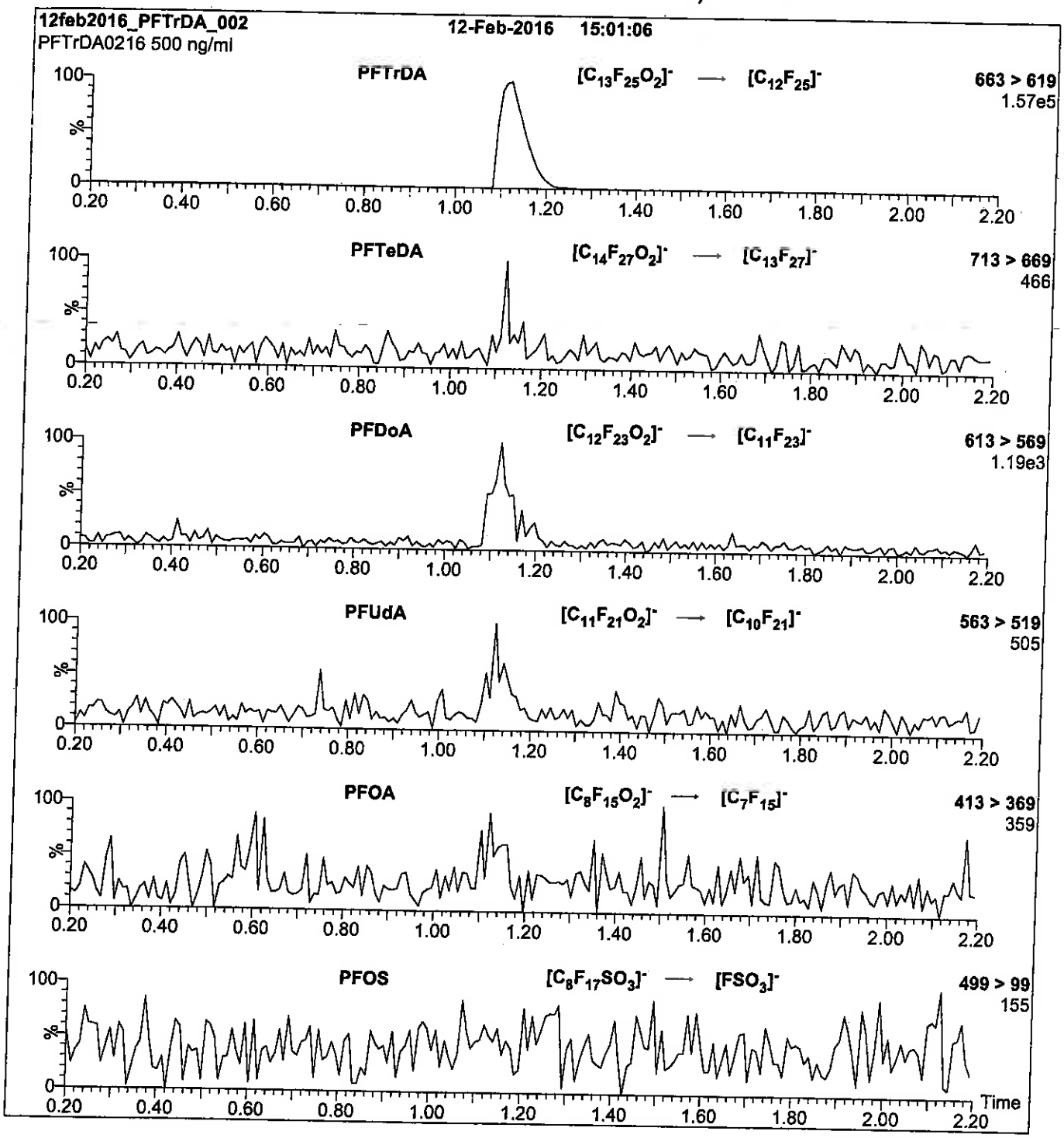
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 22.00
Cone Gas Flow (l/hr) = 60
Desolvation Gas Flow (l/hr) = 650

Figure 2: **PFTrDA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml PFTrDA)

Mobile phase: Isocratic 80% MeOH / 20% H_2O

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.35e-3
Collision Energy (eV) = 15

Reagent

LCPFUdA_00005

Scanned 10/14/16 R: SBC 9/13/16

730535
ID: LCPFUdA_00005
Exp: 08/19/20 Prpd: SBC
PF-n-undecanoic acid

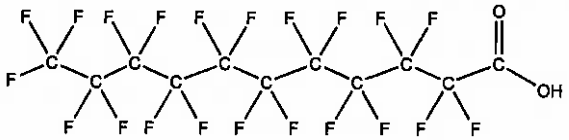
730536
ID: LCPFUdA_00006
Exp: 08/19/20 Prpd: SBC
PF-n-undecanoic acid

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE: PFUdA
LOT NUMBER: PFUdA0815
COMPOUND: Perfluoro-n-undecanoic acid

STRUCTURE:
CAS #: 2058-94-8



MOLECULAR FORMULA: $C_{11}HF_{21}O_2$
MOLECULAR WEIGHT: 564.09
CONCENTRATION: 50 ± 2.5 µg/ml
SOLVENT(S): Methanol
Water (<1%)

CHEMICAL PURITY: >98%
LAST TESTED: (mm/dd/yyyy) 08/19/2015
EXPIRY DATE: (mm/dd/yyyy) 08/19/2020
RECOMMENDED STORAGE: Store ampoule in a cool, dark place

DOCUMENTATION/ DATA ATTACHED:

Figure 1: LC/MS Data (TIC and Mass Spectrum)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acid to the methyl ester.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 08/21/2015 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

The products prepared by Wellington Laboratories Inc. are for laboratory use only. This certified reference material (CRM) was designed to be used as a standard for the identification and/or quantification of the specific chemical compound it contains.

HAZARDS:

This product should only be used by qualified personnel familiar with its potential hazards and trained in the handling of hazardous chemicals. Due care should be exercised to prevent unnecessary human contact or ingestion. All procedures should be carried out in a well-functioning fume hood and suitable gloves, eye protection, and clothing should be worn at all times. Waste should be disposed of according to national and regional regulations. Safety Data Sheets (SDSs) are available upon request.

SYNTHESIS / CHARACTERIZATION:

Where possible, all of our products are synthesized using single-product unambiguous routes. They are then characterized, and their structures and purities confirmed, using a combination of the most relevant techniques, such as NMR, GC/MS, LC/MS/MS, SFC/UV/MS/MS, x-ray crystallography, and melting point. Isotopic purities of mass-labelled compounds are also confirmed using HRGC/HRMS and/or LC/MS/MS.

HOMOGENEITY:

Prior to solution preparation, crystalline material is tested for homogeneity using a variety of techniques (as stated above) and its solubility in a given diluent is taken into consideration. Duplicate solutions of a new product are prepared from the same crystalline lot and, after the addition of an appropriate internal standard, they are compared by GC/MS, LC/MS/MS and/or SFC/UV/MS/MS. The relative response factors of the analyte of interest in each solution are required to be <5% RSD. New solution lots of existing products are compared to older lots in the same manner, which further confirms the homogeneity of the crystalline material as well as the stability and homogeneity of the solutions in the storage containers.

UNCERTAINTY:

The maximum combined relative standard uncertainty of our reference standard solutions is calculated using the following equation:

The combined relative standard uncertainty, $u_c(y)$, of a value y and the uncertainty of the independent parameters $x_1, x_2, \ldots x_n$ on which it depends is:

$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

where x is expressed as a relative standard uncertainty of the individual parameter.

The individual uncertainties taken into account include those associated with weights (calibration of the balance) and volumes (calibration of the volumetric glassware). An expanded maximum combined percent relative uncertainty of ±5% (calculated with a coverage factor of 2 and a level of confidence of 95%) is stated on the Certificate of Analysis for all of our products.

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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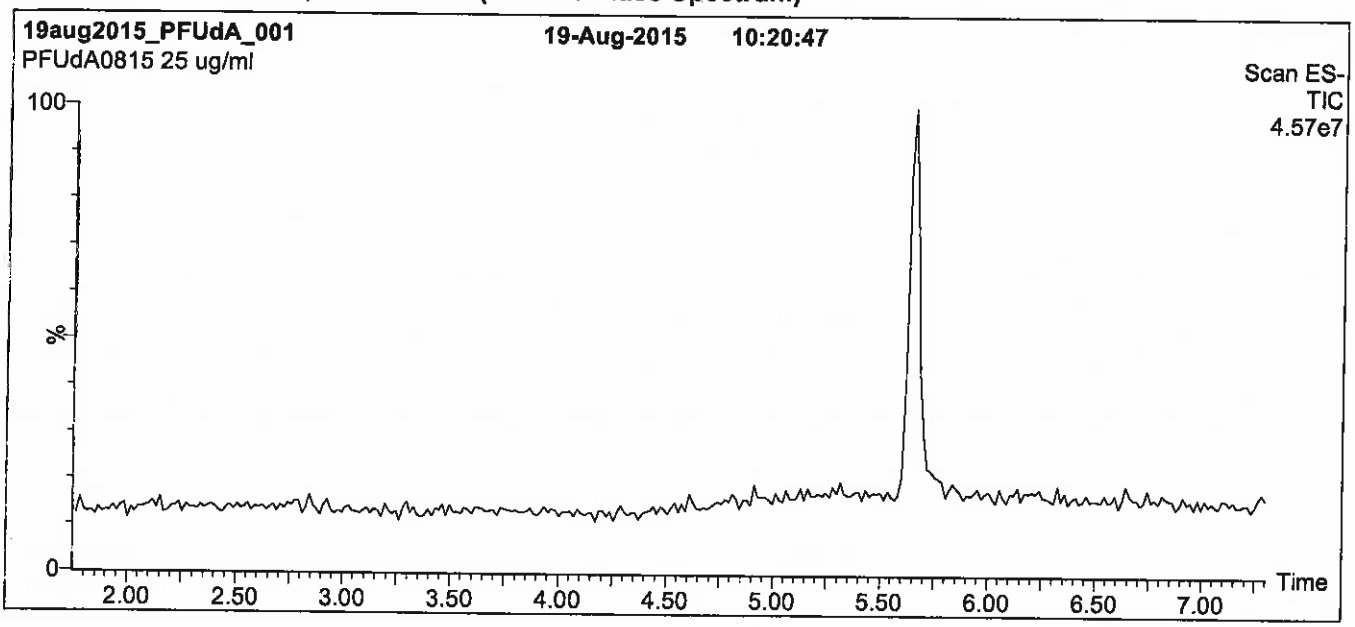
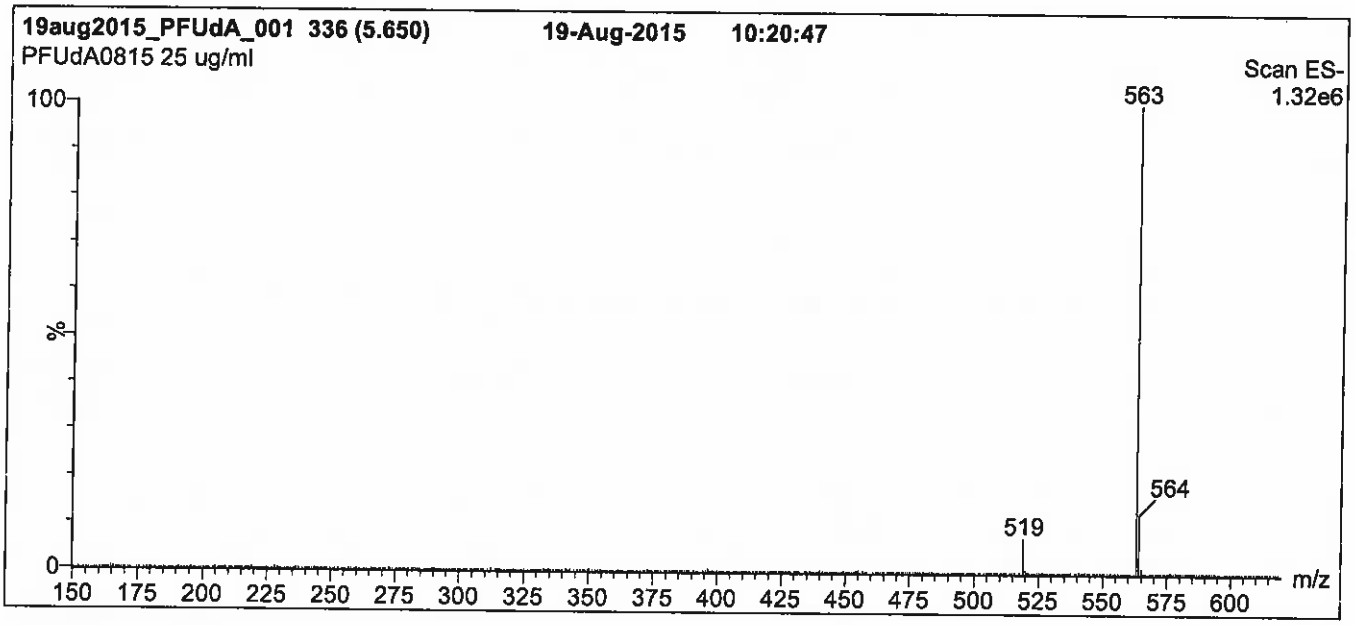
Figure 1: **PFUdA; LC/MS Data (TIC and Mass Spectrum)**





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MS: **Micromass Quattro *micro* API MS**

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1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
Start: 50% (80:20 MeOH:ACN) / 50% H_2O
(both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 7 min and hold for 2 min before returning to initial conditions in 0.5 min.
Time: 10 min

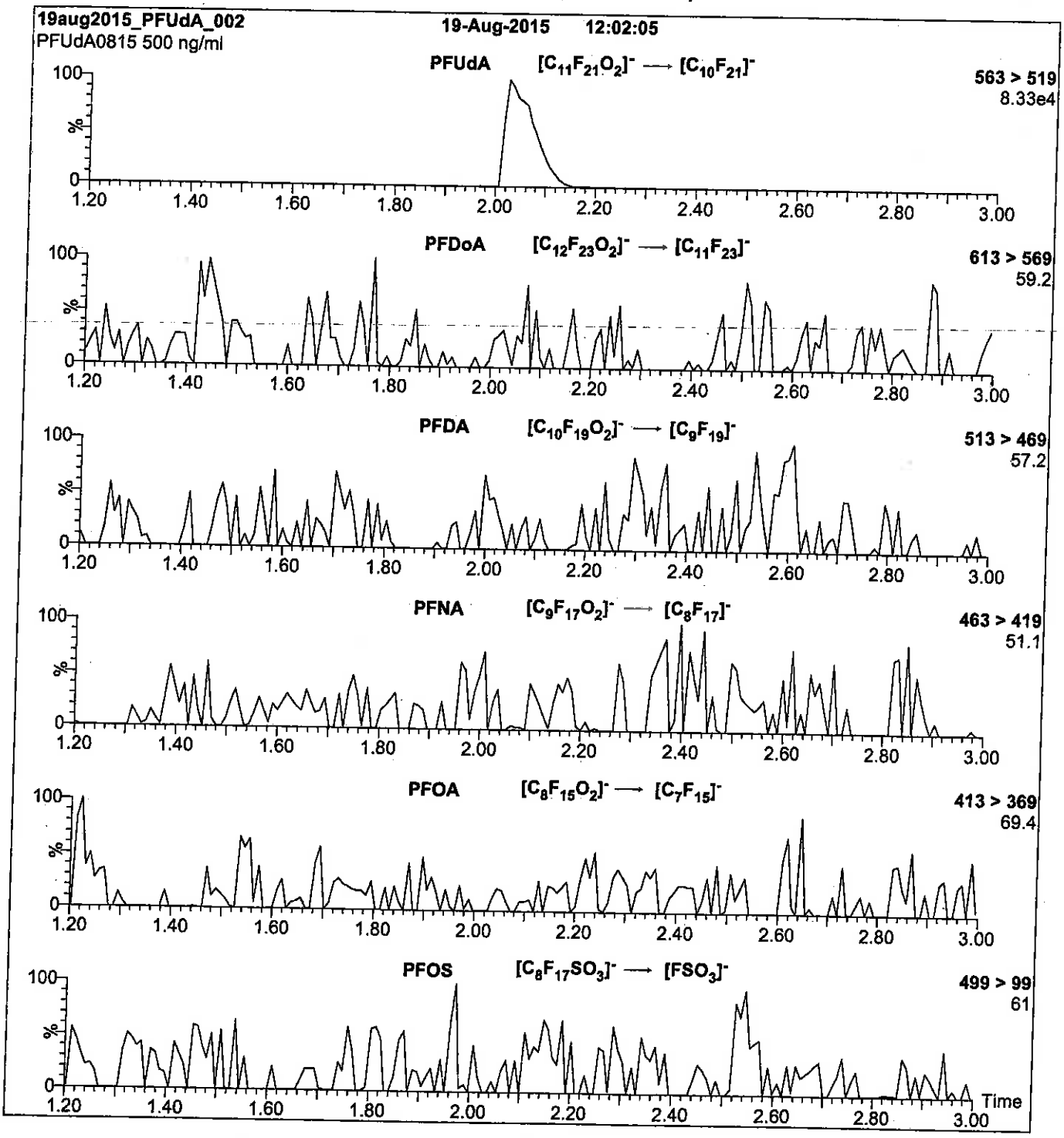
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 15.00
Cone Gas Flow (l/hr) = 65
Desolvation Gas Flow (l/hr) = 750

Figure 2: **PFUdA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml PFUdA)

Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

Flow: 300 µl/min

MS Parameters

Collision Gas (mbar) = 3.31e-3
Collision Energy (eV) = 11

Method PFC DOD

Perfluronated Hydrocarbons (LC/MS) by Method PFC_DOD

FORM II
LCMS SURROGATE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): GeminiC18 3 ID: 3 (mm)

Client Sample ID	Lab Sample ID	PFHxS #	PFOA #	PFOS #
MEAFF-Unknown5-SB01-0001	320-28275-1	66	87	40
MEAFF-Unknown5-SB01-0204	320-28275-2	72	75	40
MEAFF-TA-4_SOUTH-SB01-0001	320-28275-3	85	101	71
MEAFF-TA-4_SOUTH-SB01-0204	320-28275-4	83	95	69
MEAFF-FD05-051117	320-28275-5	72	78	31
MEAFF-T45C_05_2008-SB01-0406	320-28275-6	74	86	46
MEAFF-T45C_05_2008-SB01-0608	320-28275-7	76	95	51
MEAFF-T45C_2003-SB01-0001	320-28275-8	74	79	69
MEAFF-T45C_2003-SB01-0204	320-28275-9	64	77	32
MEAFF-Unknown6-SB01-0001	320-28275-14	70	84	56
MEAFF-Unknown6-SB01-0204	320-28275-15	95	117	77
MEAFF-T-45C_2004-SB01-0001	320-28275-16	54	66	57
MEAFF-T-45C_2004-SB01-0204	320-28275-17	79	95	49
MEAFF-T-2C_1996-SB01-0001	320-28275-18	62	71	25
MEAFF-T-2C_1996-SB01-0204	320-28275-19	77	88	46
MEAFF-TA-4J_1984-SB01-0001	320-28275-20	79	95	58
MEAFF-TA-4J_1984-SB01-0204	320-28275-21	81	93	71
MEAFF-FD06-051217	320-28275-22	80	88	63
	MB 320-165098/1-A	84	96	82
	LCS 320-165098/2-A	83	96	83
MEAFF-Unknown5-SB01-0204 MS	320-28275-2 MS	70	75	41
MEAFF-Unknown5-SB01-0204 MSD	320-28275-2 MSD	73	75	45

	QC LIMITS
PFHxS = 18O2 PFHxS	25-150
PFOA = 13C4 PFOA	25-150
PFOS = 13C4 PFOS	25-150

Column to be used to flag recovery values

FORM II 537 (Modified)

FORM II
LCMS SURROGATE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): GeminiC18 3 ID: 3 (mm)

Client Sample ID	Lab Sample ID	PFHxS #	PFOA #	PFOS #
DPTTankBlank-051117	320-28275-10	111	77	113
PressWashBlank-051117	320-28275-11	111	80	115
MEAFF-EB03-051117	320-28275-12	106	121	112
MEAFF-EB04-051117	320-28275-13	108	125	110
	MB 320-164983/1-A	108	123	106
	LCS 320-164983/2-A	102	117	106
	LCSD 320-164983/3-A	101	116	104

	QC LIMITS
PFHxS = 18O2 PFHxS	25-150
PFOA = 13C4 PFOA	25-150
PFOS = 13C4 PFOS	25-150

Column to be used to flag recovery values

FORM II 537 (Modified)

FORM III
LCMS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 2017.05.18D_003.d

Lab ID: LCS 320-164983/2-A Client ID:

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC	QC LIMITS REC	#
Perfluorooctanoic acid (PFOA)	40.0	37.8	95	60-140	
Perfluorooctanesulfonic acid (PFOS)	37.1	34.2	92	60-140	
13C4 PFOA	100	117	117	25-150	
13C4 PFOS	95.6	101	106	25-150	
Perfluorobutanesulfonic acid (PFBS)	35.4	36.5	103	50-150	
18O2 PFHxS	94.6	96.2	102	25-150	

Column to be used to flag recovery and RPD values

FORM III 537 (Modified)

FORM III
LCMS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 2017.05.25C_038.d

Lab ID: LCS 320-165098/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Perfluorooctanoic acid (PFOA)	4.00	3.79	95	60-140	
Perfluorooctanesulfonic acid (PFOS)	3.71	3.48	94	60-140	
13C4 PFOA	10.0	9.59	96	25-150	
13C4 PFOS	9.56	7.94	83	25-150	
Perfluorobutanesulfonic acid (PFBS)	3.54	3.60	102	50-150	
18O2 PFHxS	9.46	7.83	83	25-150	

Column to be used to flag recovery and RPD values

FORM III 537 (Modified)

FORM III
LCMS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 2017.05.18D_004.d

Lab ID: LCSD 320-164983/3-A Client ID:

COMPOUND	SPIKE ADDED (ng/L)	LCSD CONCENTRATION (ng/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Perfluorooctanoic acid (PFOA)	40.0	37.6	94	1	30	60-140	
Perfluorooctanesulfonic acid (PFOS)	37.1	34.9	94	2	30	60-140	
13C4 PFOA	100	116	116			25-150	
13C4 PFOS	95.6	99.7	104			25-150	
Perfluorobutanesulfonic acid (PFBS)	35.4	36.9	104	1	30	50-150	
18O2 PFHxS	94.6	95.9	101			25-150	

Column to be used to flag recovery and RPD values

FORM III 537 (Modified)

FORM III
LCMS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 2017.05.25C_041.d

Lab ID: 320-28275-2 MS Client ID: MEAFF-Unknown5-SB01-0204 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Perfluorooctanoic acid (PFOA)	4.87	0.37 U	4.57	94	60-140	
Perfluorooctanesulfonic acid (PFOS)	4.52	0.37 U	4.36	96	60-140	
13C4 PFOA	12.2	9.3	9.10	75	25-150	
13C4 PFOS	11.7	4.8	4.82	41	25-150	
Perfluorobutanesulfonic acid (PFBS)	4.31	0.37 U	4.55	106	50-150	
18O2 PFHxS	11.5	8.5	8.10	70	25-150	

Column to be used to flag recovery and RPD values

FORM III 537 (Modified)

FORM III
LCMS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 2017.05.25C_042.d

Lab ID: 320-28275-2 MSD Client ID: MEAFF-Unknown5-SB01-0204 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Perfluorooctanoic acid (PFOA)	4.86	4.62	95	1	30	60-140	
Perfluorooctanesulfonic acid (PFOS)	4.51	4.41	98	1	30	60-140	
13C4 PFOA	12.2	9.11	75			25-150	
13C4 PFOS	11.6	5.23	45			25-150	
Perfluorobutanesulfonic acid (PFBS)	4.30	4.70	109	3	30	50-150	
18O2 PFHxS	11.5	8.38	73			25-150	

Column to be used to flag recovery and RPD values

FORM III 537 (Modified)

FORM IV
LCMS METHOD BLANK SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab File ID: 2017.05.18D_002.d Lab Sample ID: MB 320-164983/1-A

Matrix: Water Date Extracted: 05/17/2017 14:18

Instrument ID: A8_N Date Analyzed: 05/19/2017 06:51

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 320-164983/2-A	2017.05.18D_003.d	05/19/2017 06:59
	LCSD 320-164983/3-A	2017.05.18D_004.d	05/19/2017 07:06
DPTTankBlank-051117	320-28275-10	2017.05.18D_005.d	05/19/2017 07:14
PressWashBlank-051117	320-28275-11	2017.05.18D_006.d	05/19/2017 07:21
MEAFF-EB03-051117	320-28275-12	2017.05.18D_007.d	05/19/2017 07:29
MEAFF-EB04-051117	320-28275-13	2017.05.18D_008.d	05/19/2017 07:36

FORM IV 537 (Modified)

FORM IV
LCMS METHOD BLANK SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab File ID: 2017.05.25C_037.d Lab Sample ID: MB 320-165098/1-A

Matrix: Solid Date Extracted: 05/18/2017 10:15

Instrument ID: A8_N Date Analyzed: 05/25/2017 21:53

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 320-165098/2-A	2017.05.25C 038.d	05/25/2017 22:01
MEAFF-Unknown5-SB01-0001	320-28275-1	2017.05.25C 039.d	05/25/2017 22:09
MEAFF-Unknown5-SB01-0204	320-28275-2	2017.05.25C 040.d	05/25/2017 22:16
MEAFF-Unknown5-SB01-0204 MS	320-28275-2 MS	2017.05.25C 041.d	05/25/2017 22:24
MEAFF-Unknown5-SB01-0204 MSD	320-28275-2 MSD	2017.05.25C 042.d	05/25/2017 22:31
MEAFF-TA-4_SOUTH-SB01-0001	320-28275-3	2017.05.25C 043.d	05/25/2017 22:39
MEAFF-TA-4_SOUTH-SB01-0204	320-28275-4	2017.05.25C 044.d	05/25/2017 22:46
MEAFF-FD05-051117	320-28275-5	2017.05.25C 045.d	05/25/2017 22:54
MEAFF-T45C_05_2008-SB01-0406	320-28275-6	2017.05.25C 046.d	05/25/2017 23:01
MEAFF-T45C_05_2008-SB01-0608	320-28275-7	2017.05.25C 048.d	05/25/2017 23:16
MEAFF-T45C_2003-SB01-0001	320-28275-8	2017.05.25C 049.d	05/25/2017 23:24
MEAFF-T45C_2003-SB01-0204	320-28275-9	2017.05.25C 050.d	05/25/2017 23:31
MEAFF-Unknown6-SB01-0001	320-28275-14	2017.05.25C 051.d	05/25/2017 23:39
MEAFF-Unknown6-SB01-0204	320-28275-15	2017.05.25C 052.d	05/25/2017 23:46
MEAFF-T-45C_2004-SB01-0001	320-28275-16	2017.05.25C 053.d	05/25/2017 23:54
MEAFF-T-45C_2004-SB01-0204	320-28275-17	2017.05.25C 054.d	05/26/2017 00:01
MEAFF-T-2C_1996-SB01-0001	320-28275-18	2017.05.25C 055.d	05/26/2017 00:09
MEAFF-T-2C_1996-SB01-0204	320-28275-19	2017.05.25C 056.d	05/26/2017 00:16
MEAFF-TA-4J_1984-SB01-0001	320-28275-20	2017.05.25C 057.d	05/26/2017 00:24
MEAFF-TA-4J_1984-SB01-0204	320-28275-21	2017.05.25C 059.d	05/26/2017 00:39
MEAFF-FD06-051217	320-28275-22	2017.05.25C 060.d	05/26/2017 00:46

FORM IV 537 (Modified)

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-Unknown5-SB01-0001
Lab Sample ID: 320-28275-1
Matrix: Solid
Lab File ID: 2017.05.25C_039.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 11:18
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.01(g)
Date Analyzed: 05/25/2017 22:09
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 13.9
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.21	J	0.58	0.35	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.68	M	0.58	0.35	0.15
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.35	U	0.46	0.35	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	87		25-150
STL00991	13C4 PFOS	40		25-150
STL00994	18O2 PFHxS	66		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_039.d
Lims ID: 320-28275-A-1-A
Client ID: MEAFF-Unknown5-SB01-0001
Sample Type: Client
Inject. Date: 25-May-2017 22:09:00 ALS Bottle#: 3 Worklist Smp#: 4
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-1-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:23 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:23:55

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.329	2.329	-0.001	1.000	29564	0.0877				
298.90 > 99.00	2.319	2.329	-0.011	0.996	10258		2.88(0.00-0.00)			
D 11 18O2 PFHxS										
403.00 > 84.00	3.052	3.058	-0.006		10085444	31.3		66.2	31927	
* 62 13C2-PFOA										
415.00 > 370.00	3.436	3.435	0.001		6887	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.444	3.444	0.0		9866262	43.5		87.0	63643	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.444	3.444	0.0	1.000	203871	0.9202			26.4	
413.00 > 169.00	3.444	3.444	0.0	1.000	121589		1.68(0.90-1.10)		322	
17 Perfluorooctane sulfonic acid										M
499.00 > 80.00	3.689	3.768	-0.079	1.000	328719	2.93			588	
499.00 > 99.00	3.815	3.768	0.047	1.034	64548		5.09(0.90-1.10)		153	M
D 18 13C4 PFOS										
503.00 > 80.00	3.815	3.812	0.003		4513484	19.2		40.2	22218	

QC Flag Legend

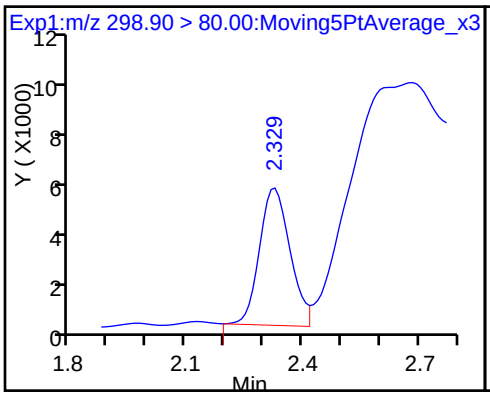
Review Flags
M - Manually Integrated

Report Date: 26-May-2017 14:32:29 Chrom Revision: 2.2 25-May-2017 18:29:58

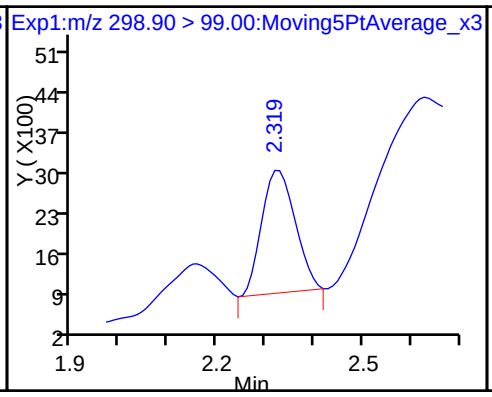
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_039.d				
Injection Date:	25-May-2017 22:09:00	Instrument ID:	A8_N		
Lims ID:	320-28275-A-1-A	Lab Sample ID:	320-28275-1		
Client ID:	MEAFF-Unknown5-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	3	Worklist Smp#:	4
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

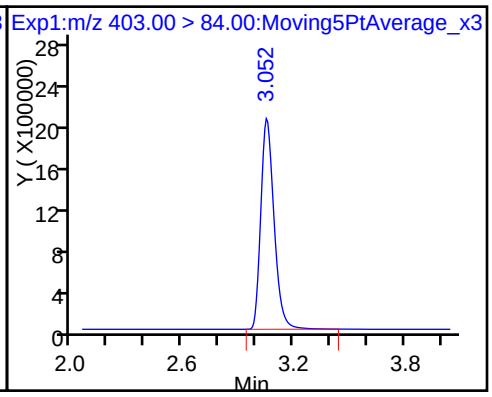
5 Perfluorobutanesulfonic acid



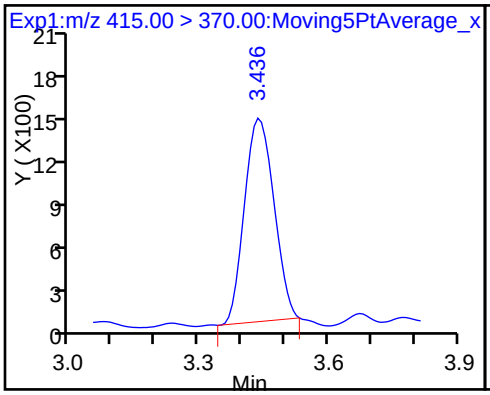
5 Perfluorobutanesulfonic acid



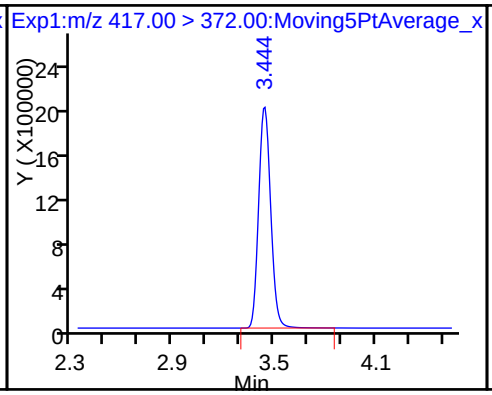
D 11 18O2 PFHxS



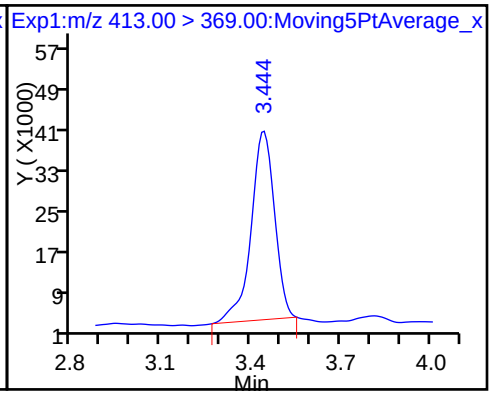
* 62 13C2-PFOA



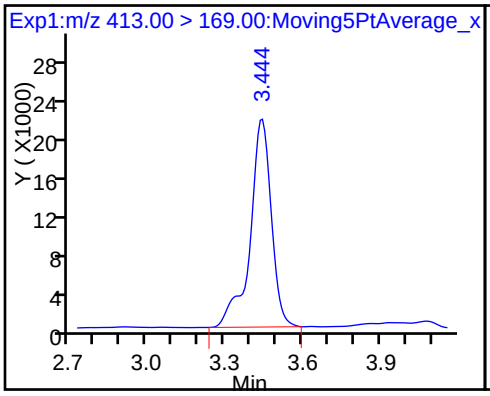
D 14 13C4 PFOA



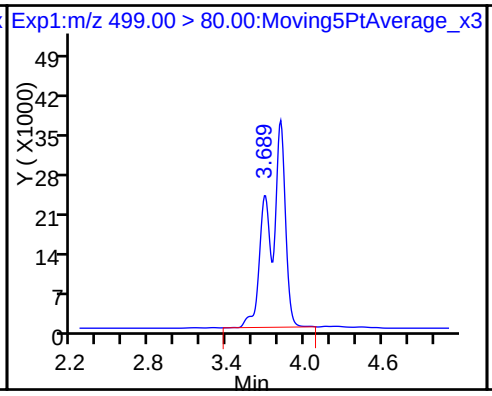
15 Perfluorooctanoic acid



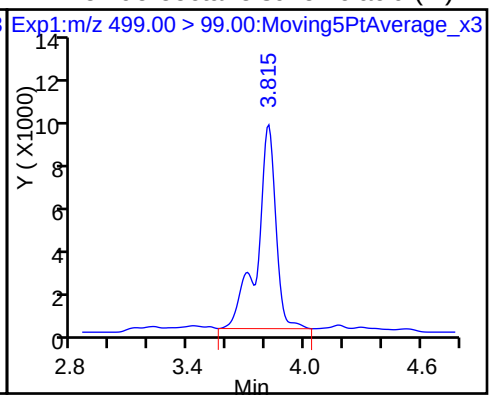
15 Perfluorooctanoic acid



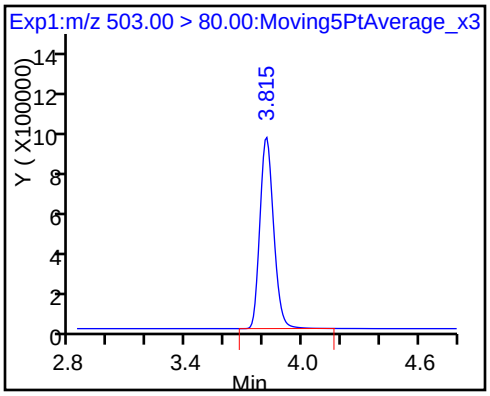
17 Perfluorooctane sulfonic acid



17 Perfluorooctane sulfonic acid (M)



D 18 13C4 PFOS



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

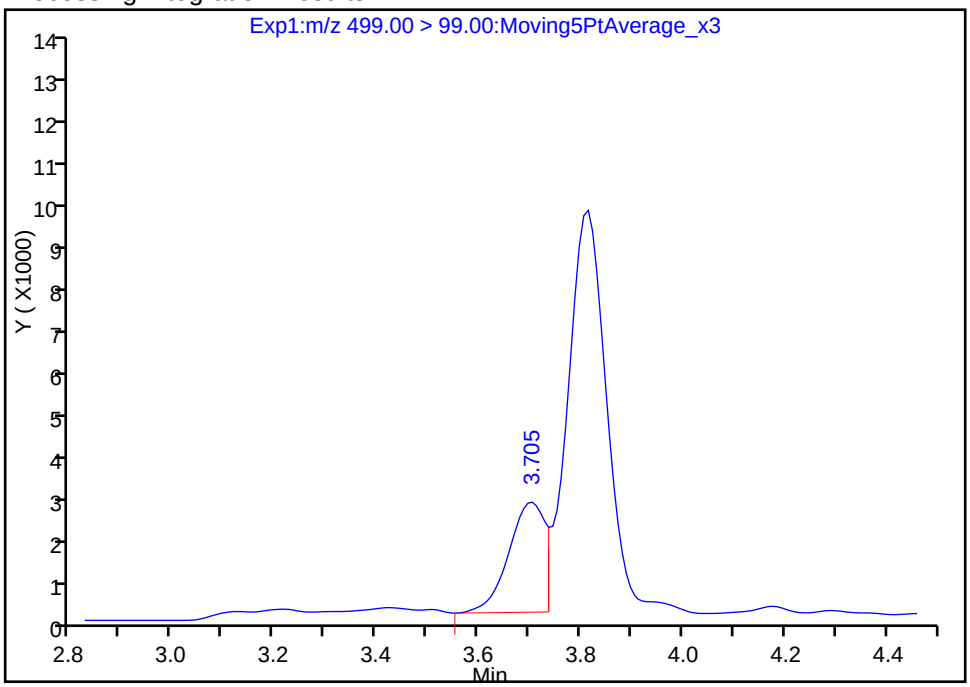
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_039.d				
Injection Date:	25-May-2017 22:09:00	Instrument ID:	A8_N		
Lims ID:	320-28275-A-1-A	Lab Sample ID:	320-28275-1		
Client ID:	MEAFF-Unknown5-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	3	Worklist Smp#:	4
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

17 Perfluorooctane sulfonic acid, CAS: 1763-23-1

Signal: 2

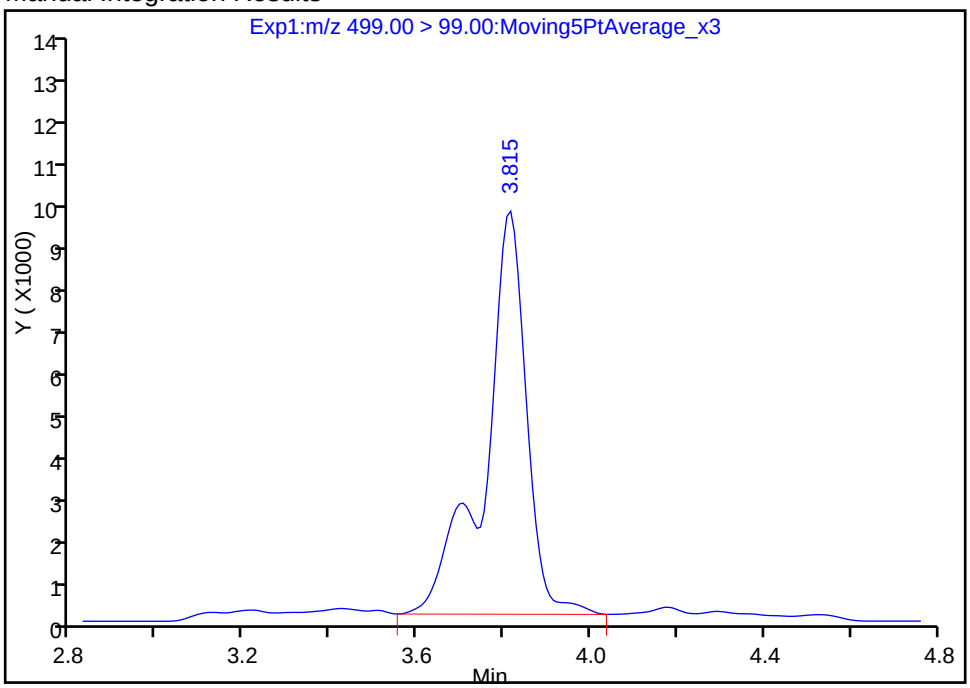
Processing Integration Results

RT: 3.70
Area: 12927
Amount: 2.933824
Amount Units: ng/ml



Manual Integration Results

RT: 3.82
Area: 64548
Amount: 2.933824
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:23:53

Audit Action: Manually Integrated Audit Reason: Isomers

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 320-28275-1

SDG No.:

Client Sample ID: MEAFF-Unknown5-SB01-0204 | Lab Sample ID: 320-28275-2

Matrix: Solid | Lab File ID: 2017.05.25C_040.d

Analysis Method: 537 (Modified) | Date Collected: 05/11/2017 11:23

Extraction Method: SHAKE | Date Extracted: 05/18/2017 10:15

Sample wt/vol: 4.97(g) | Date Analyzed: 05/25/2017 22:16

Con. Extract Vol.: 1.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 166365 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.37	U	0.62	0.37	0.13
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.37	U	0.62	0.37	0.16
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.37	U	0.50	0.37	0.13

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	75		25-150
STL00991	13C4 PFOS	40		25-150
STL00994	18O2 PFHxS	72		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_040.d
Lims ID: 320-28275-A-2-A
Client ID: MEAFF-Unknown5-SB01-0204
Sample Type: Client
Inject. Date: 25-May-2017 22:16:30 ALS Bottle#: 4 Worklist Smp#: 5
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-2-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:23 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:24:30

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.944	1.937	0.007		11144596	29.9		59.8	78095	
2 Perfluorobutyric acid										
212.90 > 169.00	1.944	1.945	-0.001	1.000	154859	0.6925			3.7	
D 3 13C5-PFPeA										
267.90 > 223.00	2.299	2.290	0.009		9641429	39.1		78.2	73170	
D 47 13C3-PFBS										
301.90 > 83.00	2.328	2.319	0.009		244114	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.338	2.329	0.009	1.000	44774	0.1213				
298.90 > 99.00	2.338	2.329	0.009	1.000	15146		2.96(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.492	2.615	-0.123	1.000	8415	NR				
D 7 13C2 PFHxA										
315.00 > 270.00	2.666	2.653	0.013		8392953	34.3		68.7	194912	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.656	2.663	-0.007	1.000	15384	0.0885			5.0	
D 9 13C4-PFHpA										
367.00 > 322.00	3.061	3.042	0.019		9074366	40.6		81.1	51105	
D 11 18O2 PFHxS										
403.00 > 84.00	3.069	3.058	0.011		11034210	34.3		72.4	55562	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.069	3.058	0.011	1.000	162613	0.5762				
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.438	3.427	0.011	1.000	32624	NR				
* 62 13C2-PFOA										
415.00 > 370.00	3.455	3.435	0.020		4886	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.455	3.444	0.011		8510491	37.5		75.0	48386	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 18 13C4 PFOS										
503.00 > 80.00	3.827	3.812	0.015		4515660	19.2		40.3	25142	
D 19 13C5 PFNA										
468.00 > 423.00	3.836	3.821	0.015		5532271	31.7		63.4	25277	
20 Perfluorononanoic acid										
463.00 > 419.00	3.836	3.821	0.015	1.000	16781	0.1395			7.1	
D 21 13C8 FOSA										
506.00 > 78.00	4.159	4.145	0.014		1934807	5.26		10.5	8640	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.159	4.145	0.014	1.000	2144	0.0529			29.5	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.184	4.171	0.013	1.000	6293	0.0801			2.7	
D 23 13C2 PFDA										
515.00 > 470.00	4.184	4.171	0.013		3862573	25.8		51.7	8208	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.346	4.328	0.018		3397	0.0515		0.0		
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.504	4.487	0.017		4519	0.0703		0.0		
D 30 13C2 PFUnA										
565.00 > 520.00	4.495	4.487	0.008		4000863	35.6		71.3	15543	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.504	4.487	0.017	1.000	13479	0.1435			9.5	
D 36 13C2 PFDoA										
615.00 > 570.00	4.779	4.764	0.015		4422352	40.6		81.2	8084	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.760	4.764	-0.004	1.000	5099	0.0568			1.3	
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.161	5.010	0.151	1.000	4120	0.0464			0.8	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.240	5.234	0.006		9903842	46.0		92.0	11782	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.233	5.234	-0.001	1.000	70855	0.3213			3.5	
713.00 > 169.00	5.240	5.234	0.006	1.001	5087		13.93(0.00-0.00)		54.7	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.644	5.635	0.009		4660509	38.8		77.5	3050	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.644	5.635	0.009	1.000	81900	0.2141			5.3	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.038	6.021	0.017	1.000	20983	0.1882			1.4	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

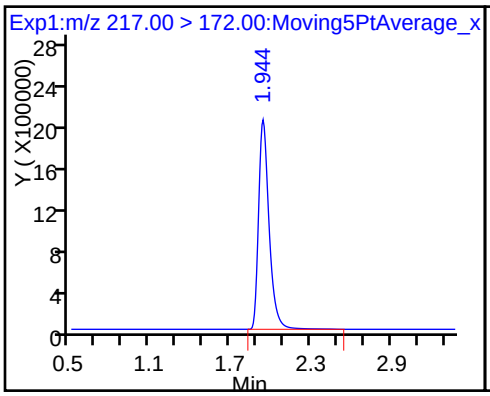
NC - Not Calibrated

Report Date: 26-May-2017 14:32:31 Chrom Revision: 2.2 25-May-2017 18:29:58

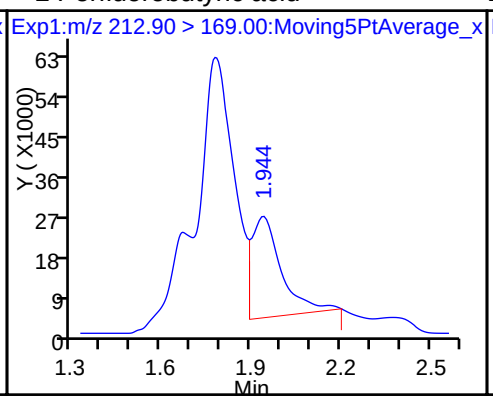
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_040.d				
Injection Date:	25-May-2017 22:16:30	Instrument ID:	A8_N		
Lims ID:	320-28275-A-2-A	Lab Sample ID:	320-28275-2		
Client ID:	MEAFF-Unknown5-SB01-0204				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	4	Worklist Smp#:	5
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

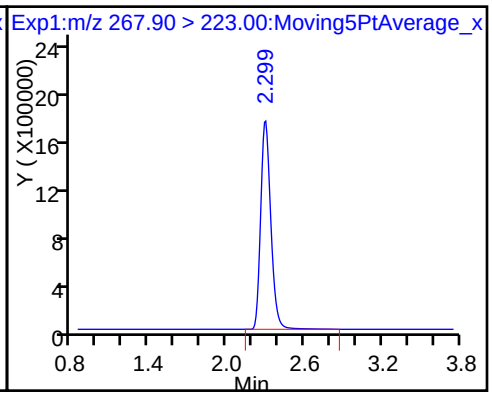
D 1 13C4 PFBA



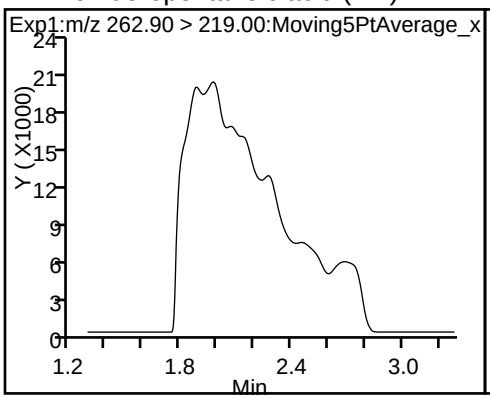
2 Perfluorobutyric acid



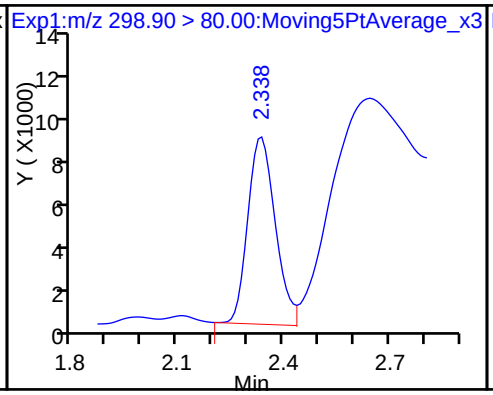
D 3 13C5-PFPeA



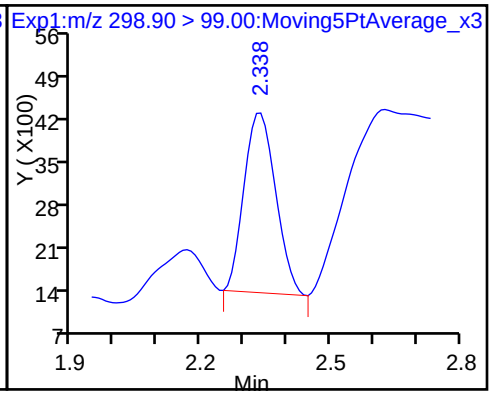
4 Perfluoropentanoic acid (ND)



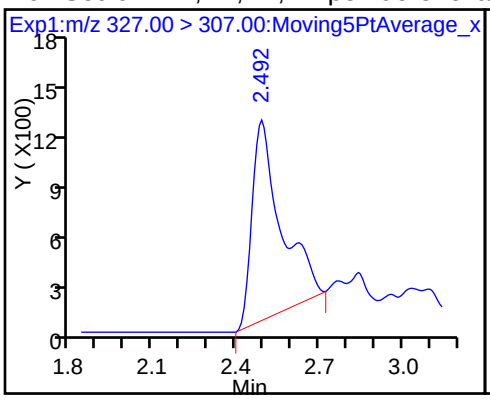
5 Perfluorobutanesulfonic acid



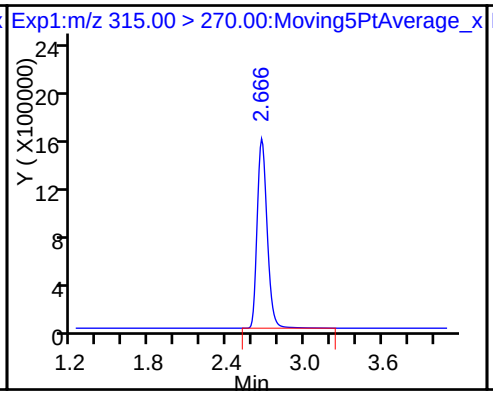
5 Perfluorobutanesulfonic acid



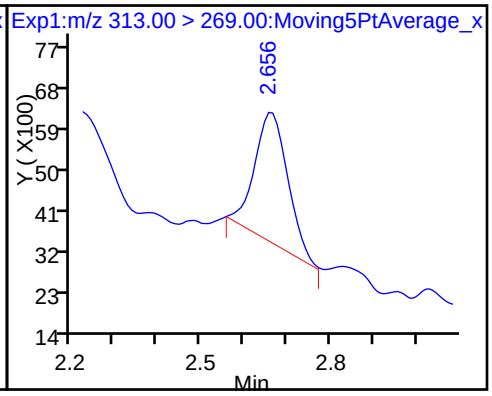
61 Sodium 1H,1H,2H,2H-perfluorohexane



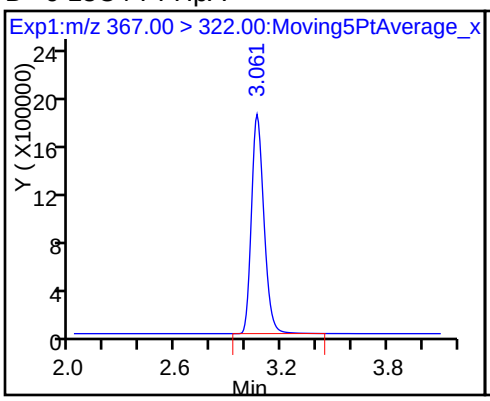
D 7 13C2 PFHxA



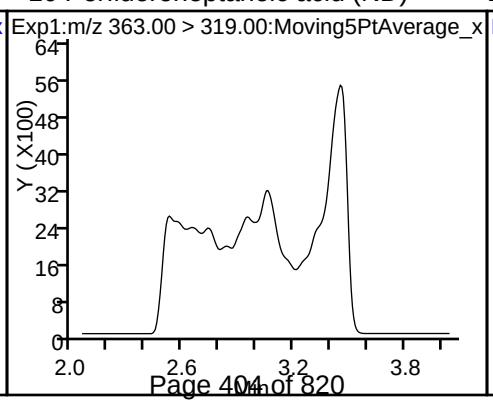
6 Perfluorohexanoic acid



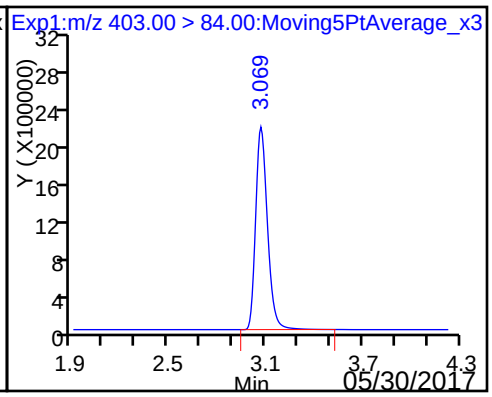
D 9 13C4-PFHpA



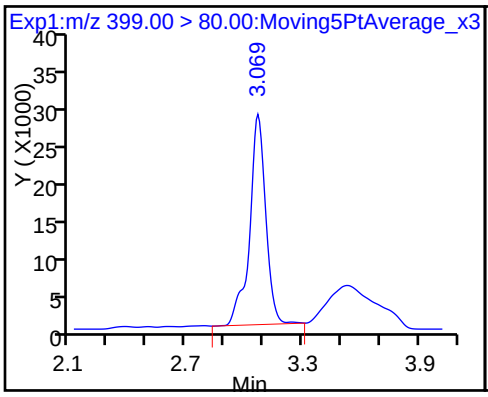
10 Perfluoroheptanoic acid (ND)



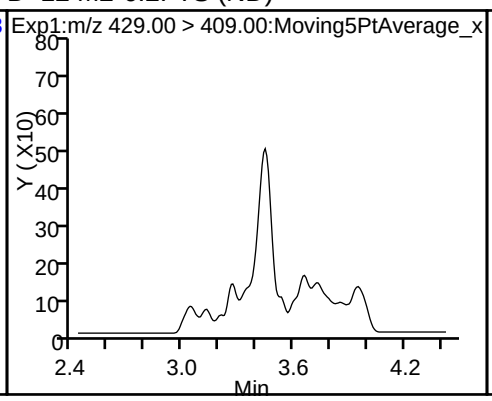
D 11 18O2 PFHxS



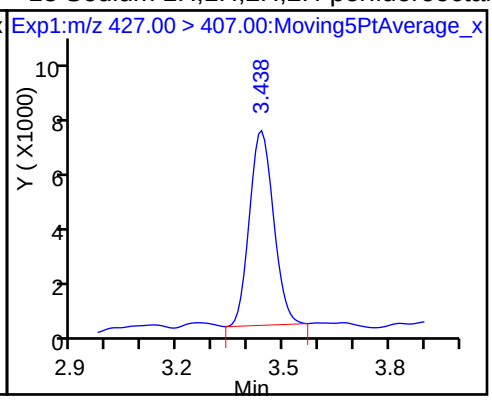
8 Perfluorohexanesulfonic acid



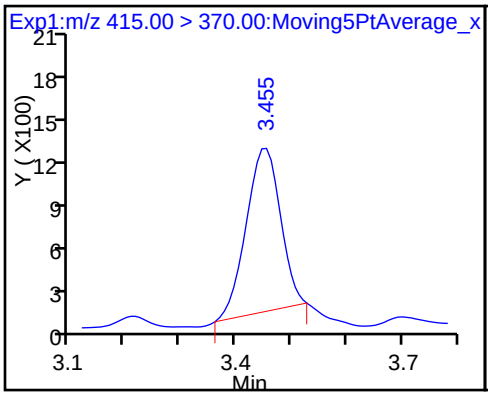
D 12 M2-6:2FTS (ND)



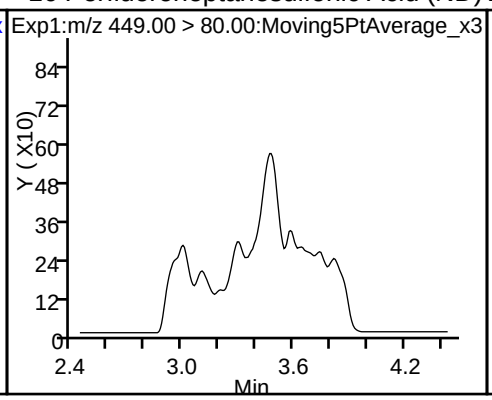
13 Sodium 1H,1H,2H,2H-perfluorooctane



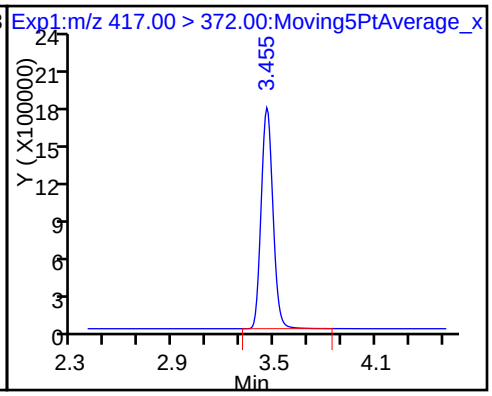
* 62 13C2-PFOA



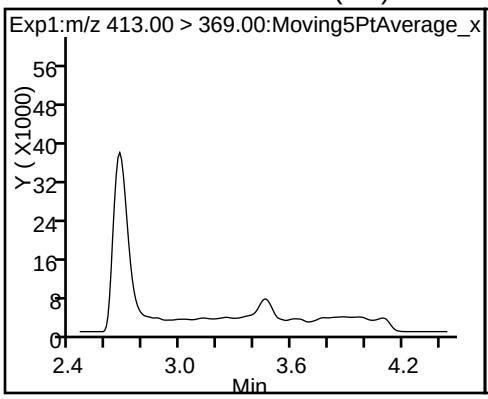
16 Perfluoroheptanesulfonic Acid (ND)



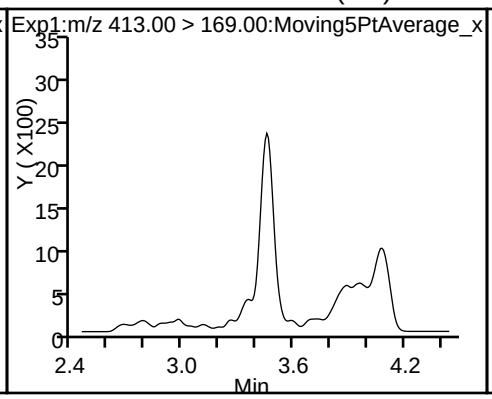
D 14 13C4 PFOA



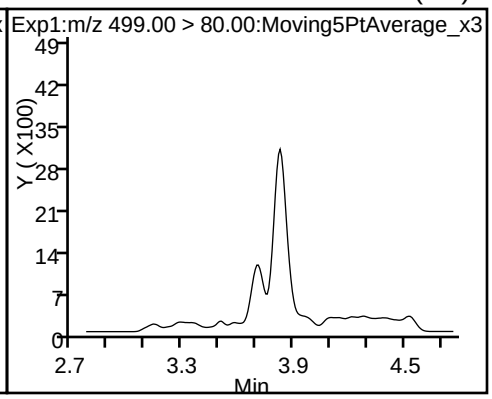
15 Perfluorooctanoic acid (ND)



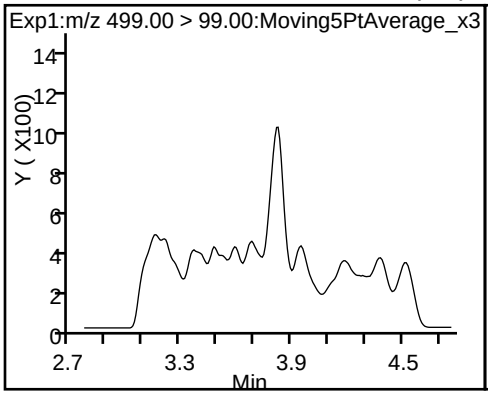
15 Perfluorooctanoic acid (ND)



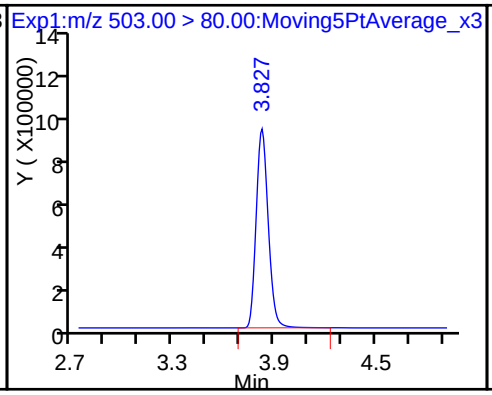
17 Perfluorooctane sulfonic acid (ND)



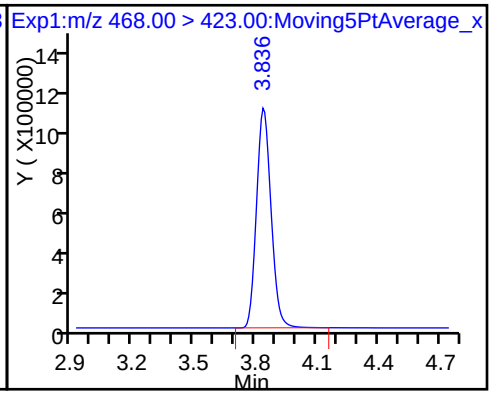
17 Perfluorooctane sulfonic acid (ND)



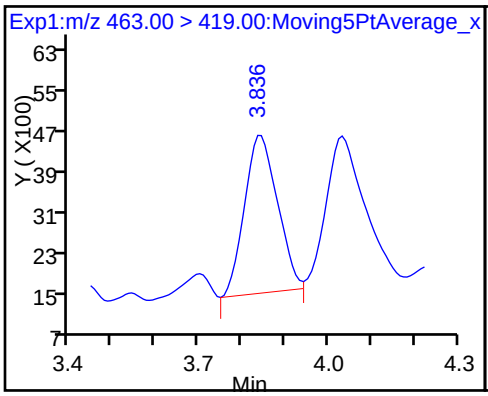
D 18 13C4 PFOS



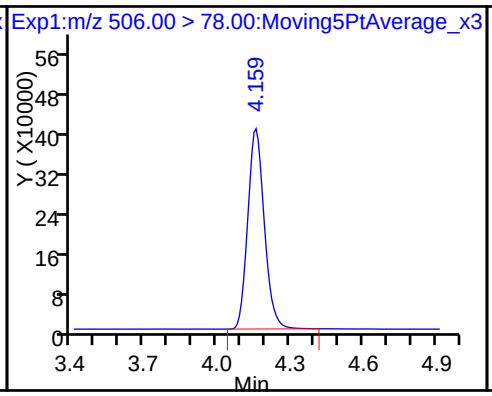
D 19 13C5 PFNA



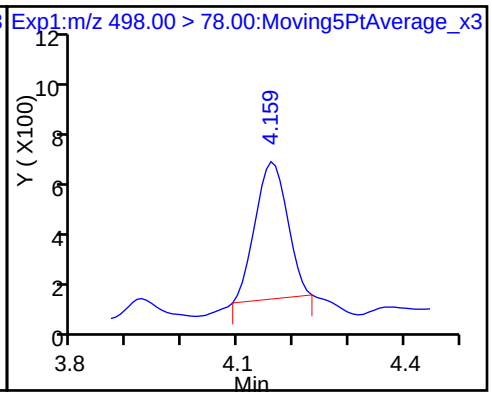
20 Perfluorononanoic acid



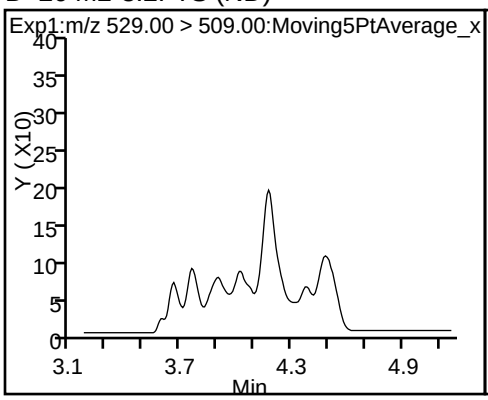
D 21 13C8 FOSA



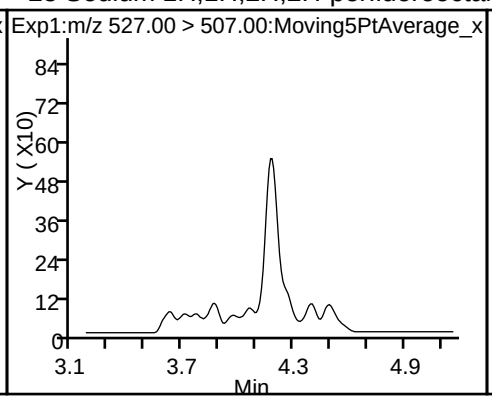
22 Perfluorooctane Sulfonamide



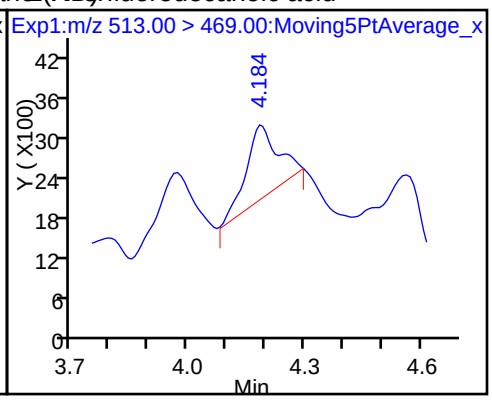
D 26 M2-8:2FTS (ND)



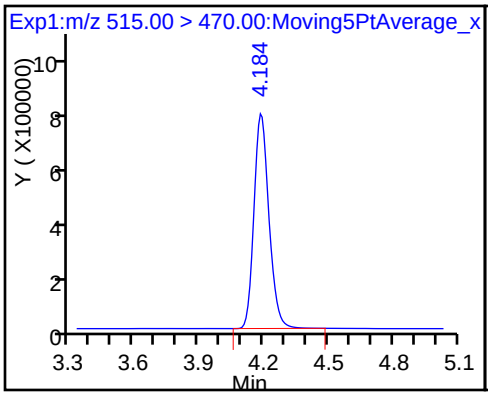
25 Sodium 1H,1H,2H,2H-perfluorooctane (ND)



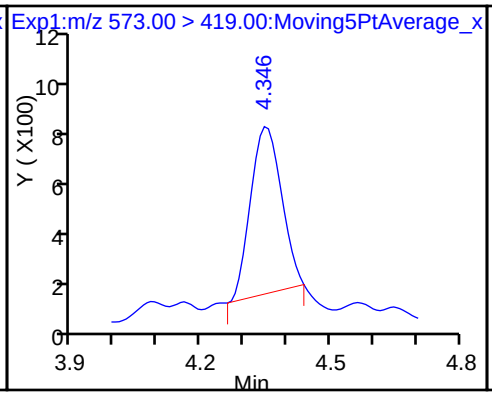
24 Perfluorodecanoic acid



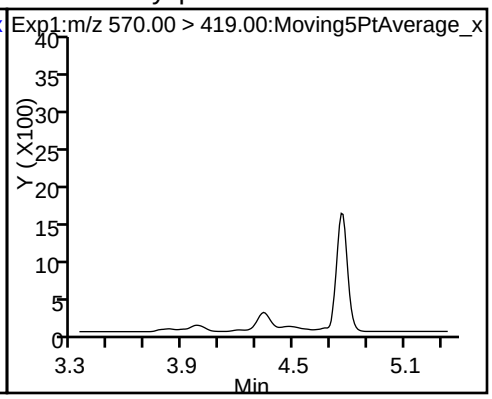
D 23 13C2 PFDA



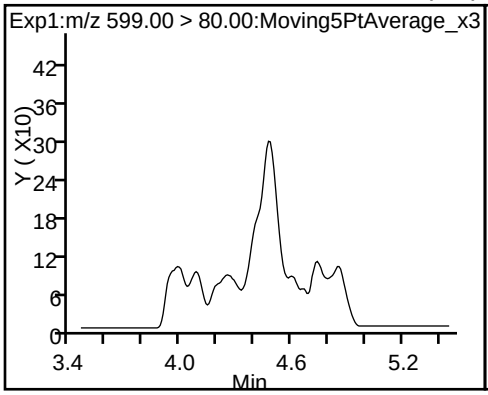
D 27 d3-NMeFOSAA



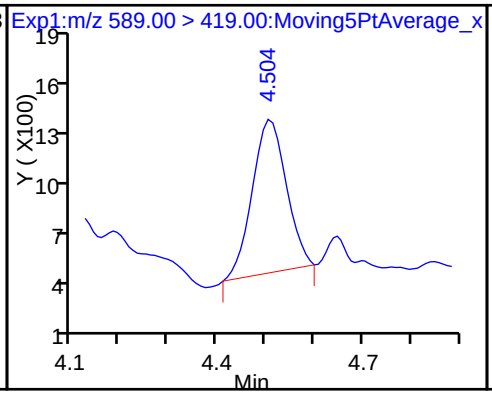
28 N-methyl perfluorooctane sulfonami (ND)



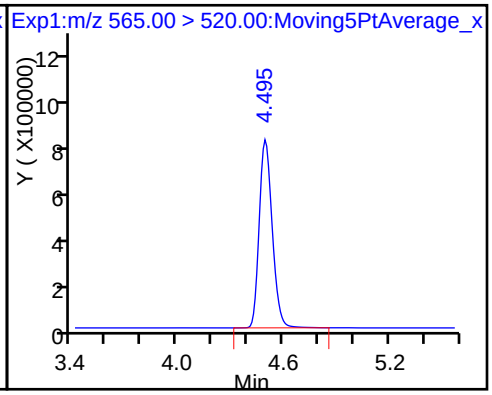
29 Perfluorodecane Sulfonic acid (ND)



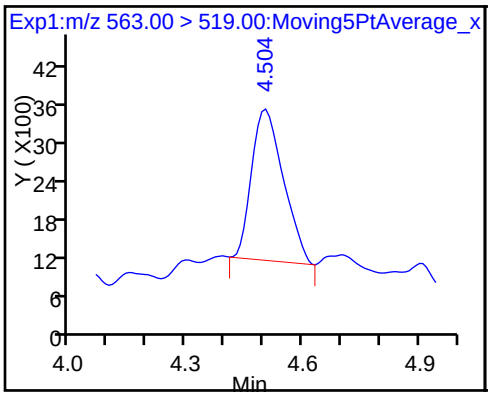
D 32 d5-NEtFOSAA



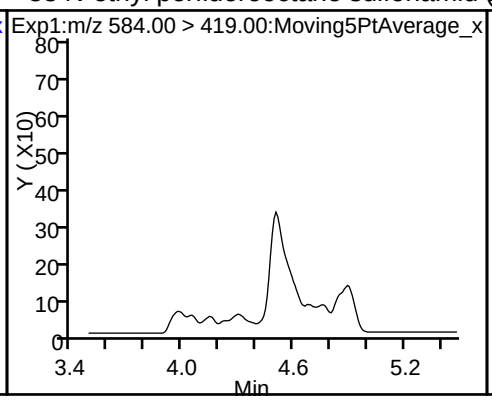
D 30 13C2 PFUnA



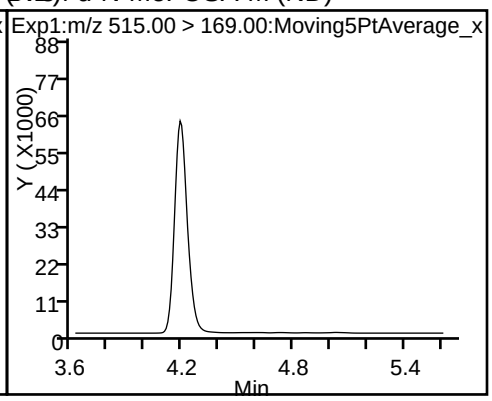
31 Perfluoroundecanoic acid



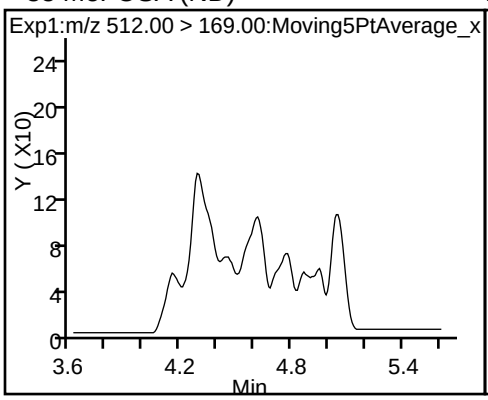
33 N-ethyl perfluorooctane sulfonamid (ND)



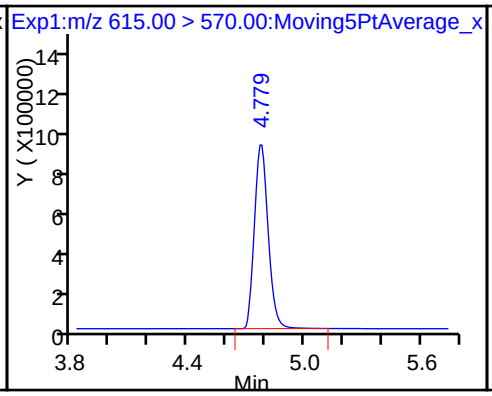
D 34 d-N-MeFOSA-M (ND)



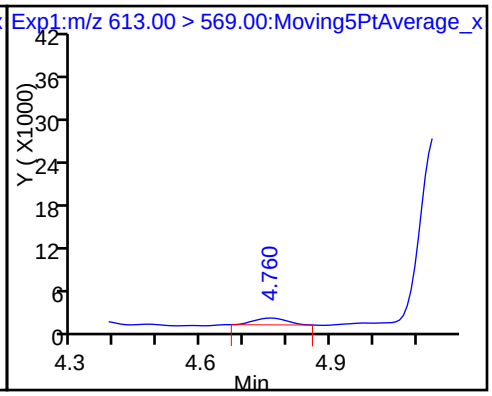
35 MeFOSA (ND)



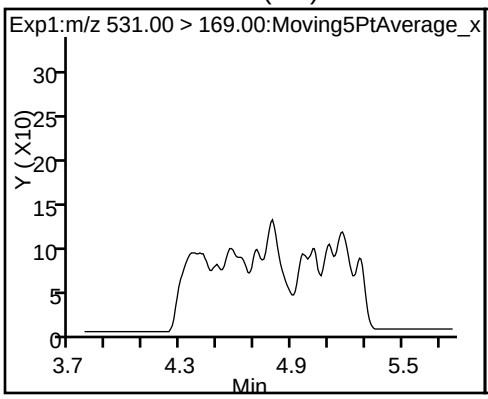
D 36 13C2 PFDoA



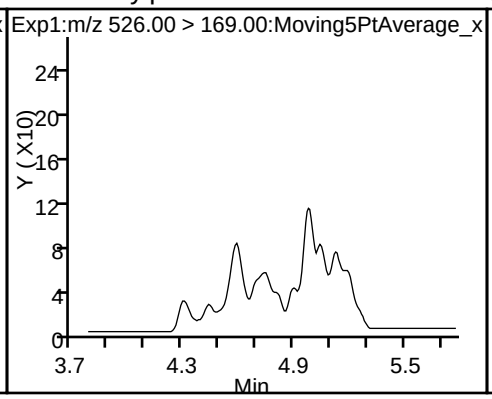
37 Perfluorododecanoic acid



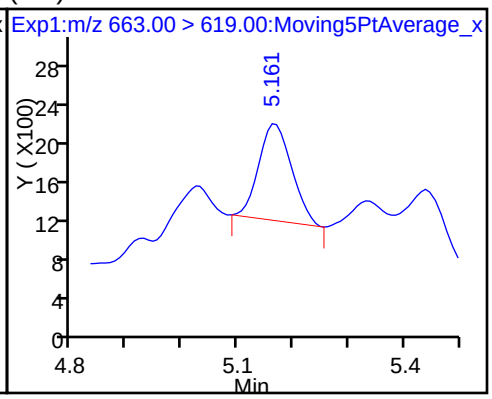
D 38 d-N-EtFOSA-M (ND)



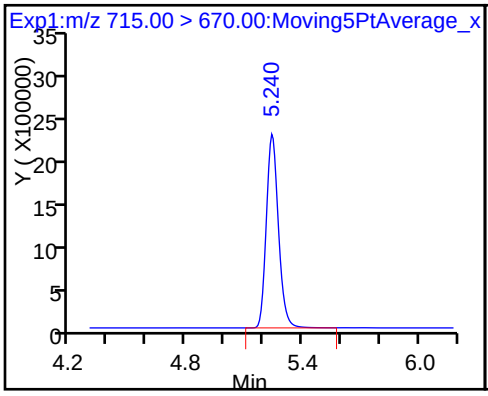
39 N-ethylperfluoro-1-octanesulfonami (ND)



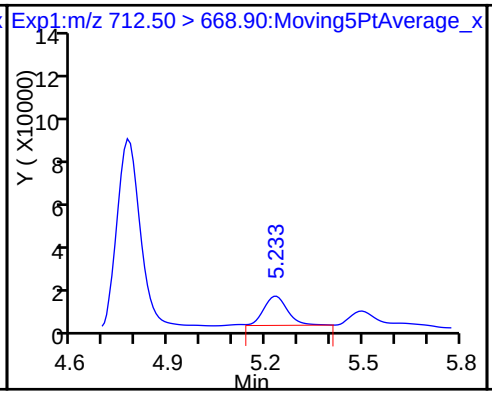
41 Perfluorotridecanoic acid



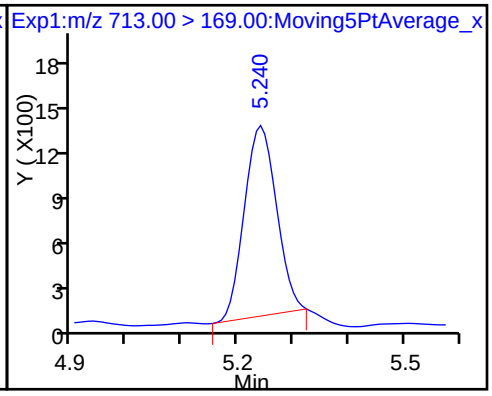
D 43 13C2-PFTeDA



42 Perfluorotetradecanoic acid

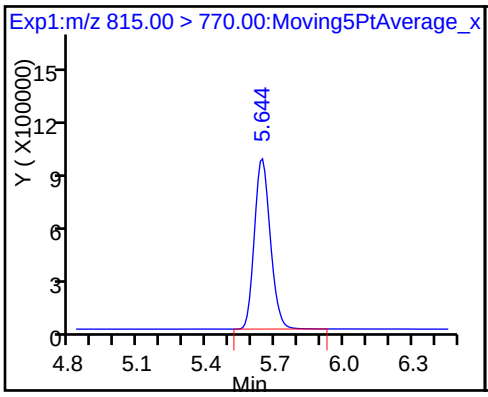


42 Perfluorotetradecanoic acid

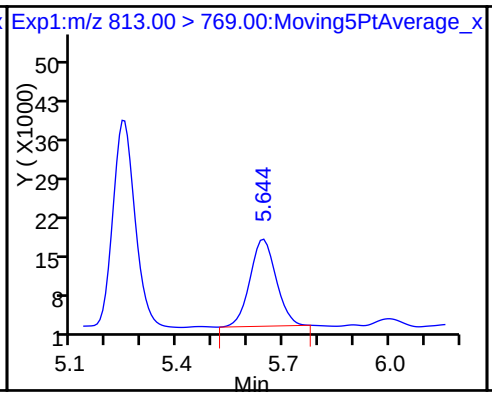


Report Date: 26-May-2017 14:32:31 Chrom Revision: 2.2 25-May-2017 18:29:58
Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_040.d

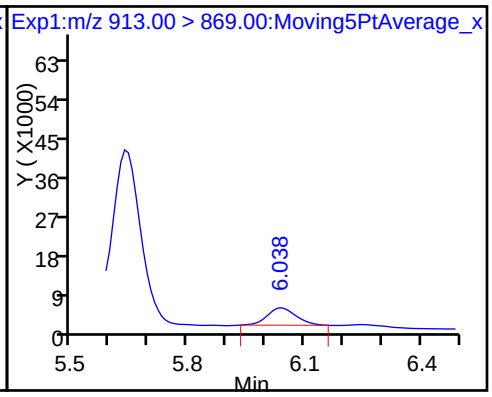
D 44 13C2-PFHxDA



45 Perfluorohexadecanoic acid



46 Perfluorooctadecanoic acid



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0001
Lab Sample ID: 320-28275-3
Matrix: Solid
Lab File ID: 2017.05.25C_043.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 13:40
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.02(g)
Date Analyzed: 05/25/2017 22:39
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 11.0
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.34	U	0.56	0.34	0.11
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.34	U	0.56	0.34	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.34	U	0.45	0.34	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	101		25-150
STL00991	13C4 PFOS	71		25-150
STL00994	18O2 PFHxS	85		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_043.d
Lims ID: 320-28275-A-3-A
Client ID: MEAFF-TA-4_SOUTH-SB01-0001
Sample Type: Client
Inject. Date: 25-May-2017 22:39:02 ALS Bottle#: 7 Worklist Smp#: 8
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-3-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:23 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:25:08

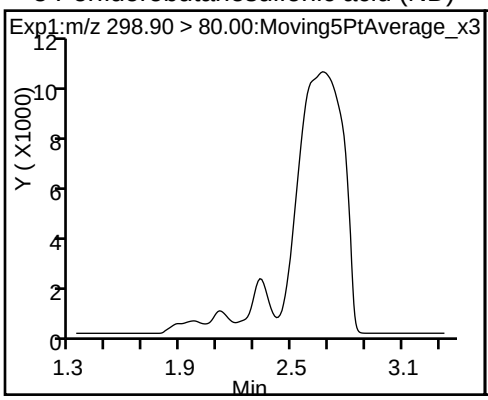
Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 11 18O2 PFHxS										
403.00 > 84.00	3.063	3.058	0.005		13014493	40.4		85.4	45438	
* 62 13C2-PFOA										
415.00 > 370.00	3.451	3.435	0.016		6680	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.451	3.444	0.007		11427681	50.4		101	67723	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.451	3.444	0.007	1.000	78519	0.3060			8.9	
413.00 > 169.00	3.451	3.444	0.007	1.000	39492		1.99(0.90-1.10)		130	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.825	3.768	0.057	1.000	82999	0.4218			253	
499.00 > 99.00	3.825	3.768	0.057	1.000	17902		4.64(0.90-1.10)		41.4	
D 18 13C4 PFOS										
503.00 > 80.00	3.825	3.812	0.013		7926654	33.8		70.7	39617	

Report Date: 26-May-2017 14:32:36 Chrom Revision: 2.2 25-May-2017 18:29:58

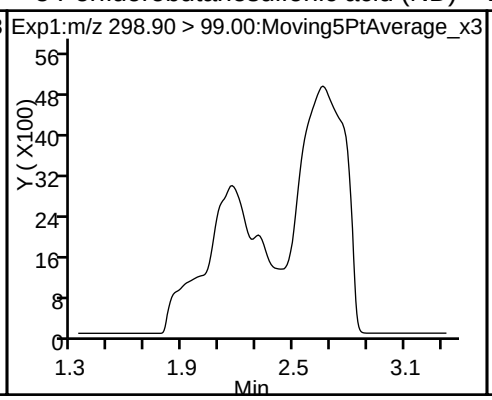
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_043.d				
Injection Date:	25-May-2017 22:39:02	Instrument ID:	A8_N		
Lims ID:	320-28275-A-3-A	Lab Sample ID:	320-28275-3		
Client ID:	MEAFF-TA-4_SOUTH-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	7	Worklist Smp#:	8
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

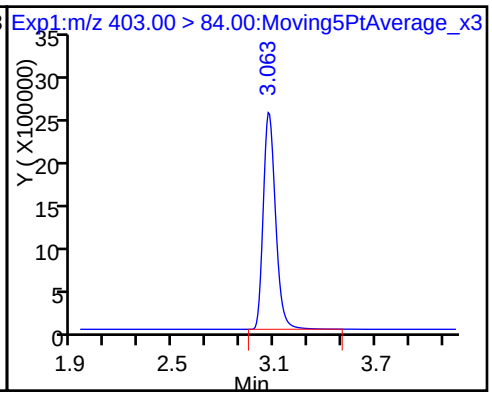
5 Perfluorobutanesulfonic acid (ND)



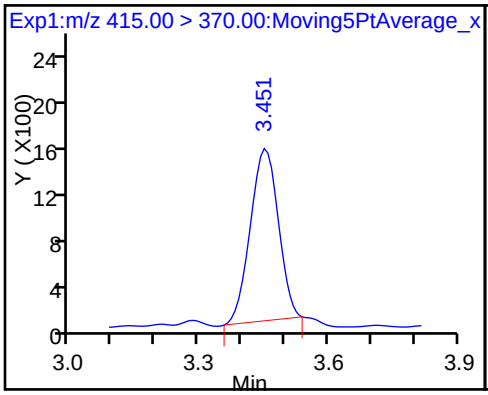
5 Perfluorobutanesulfonic acid (ND)



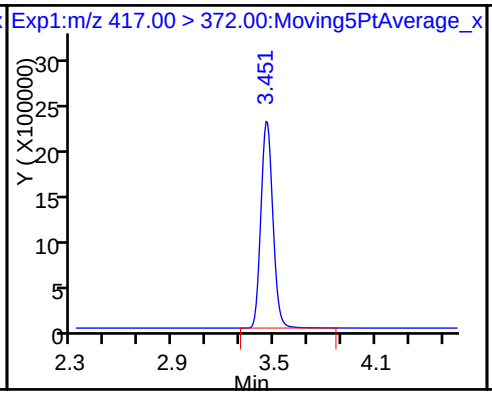
D 11 18O2 PFHxS



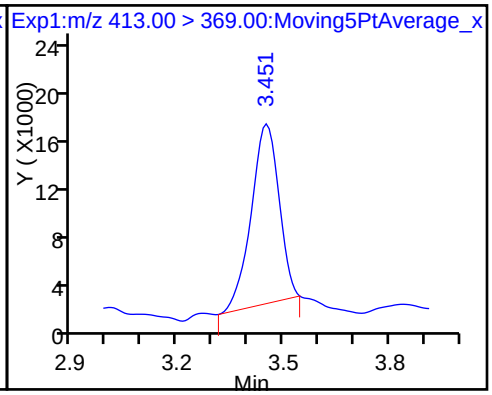
* 62 13C2-PFOA



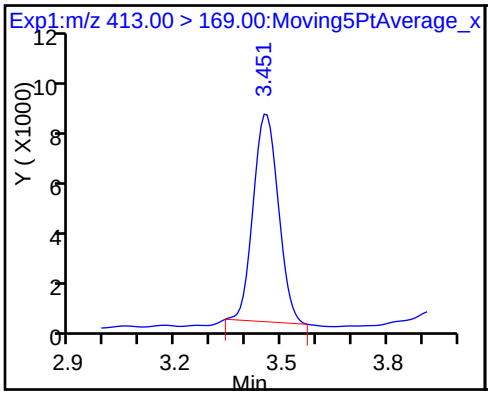
D 14 13C4 PFOA



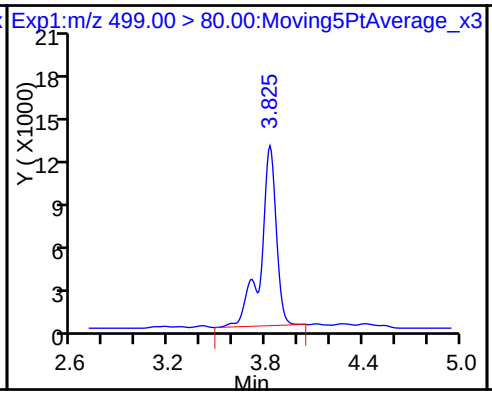
15 Perfluorooctanoic acid



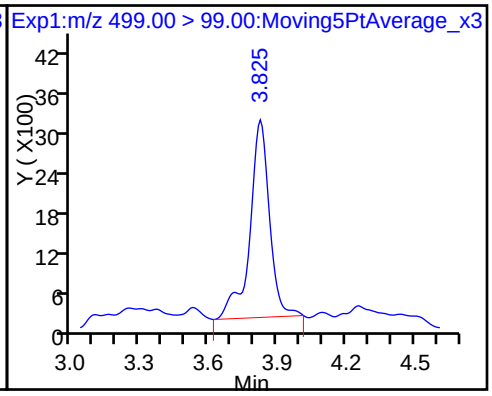
15 Perfluorooctanoic acid



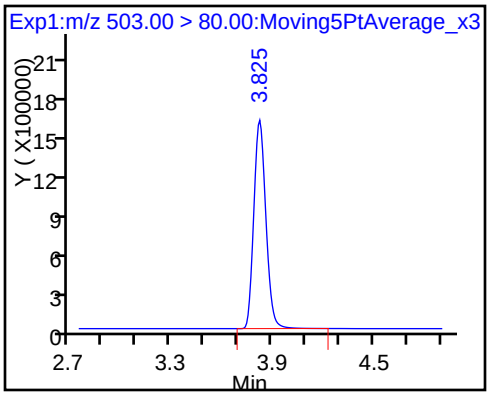
17 Perfluorooctane sulfonic acid



17 Perfluorooctane sulfonic acid



D 18 13C4 PFOS



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-TA-4_SOUTH-SB01-020 4
Lab Sample ID: 320-28275-4
Matrix: Solid
Lab File ID: 2017.05.25C_044.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 13:45
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.01(g)
Date Analyzed: 05/25/2017 22:46
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 10.7
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.34	U	0.56	0.34	0.11
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.34	U M	0.56	0.34	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.34	U	0.45	0.34	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	95		25-150
STL00991	13C4 PFOS	69		25-150
STL00994	18O2 PFHxS	83		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_044.d				
Lims ID:	320-28275-A-4-A				
Client ID:	MEAFF-TA-4_SOUTH-SB01-0204				
Sample Type:	Client				
Inject. Date:	25-May-2017 22:46:34	ALS Bottle#:	8	Worklist Smp#:	9
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Sample Info:	320-28275-a-4-a				
Misc. Info.:	Plate: 1 Rack: 6				
Operator ID:	SACINSTLCMS01	Instrument ID:	A8_N		
Method:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m				
Limit Group:	LC PFC_DOD ICAL				
Last Update:	26-May-2017 14:32:23	Calib Date:	22-May-2017 19:34:28		
Integrator:	Picker				
Quant Method:	Isotopic Dilution	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d				
Column 1 :			Det: EXP1		
Process Host:	XAWRK027				
First Level Reviewer: westendorfc		Date:	26-May-2017 14:25:35		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 11 18O2 PFHxS										
403.00 > 84.00	3.073	3.058	0.015		12627204	39.2		82.9	65994	
* 62 13C2-PFOA										
415.00 > 370.00	3.452	3.435	0.017		5950	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.452	3.444	0.008		10773624	47.5		95.0	51078	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.452	3.444	0.008	1.000	29639	0.1225			4.1	
413.00 > 169.00	3.452	3.444	0.008	1.000	18737		1.58(0.90-1.10)		61.4	
17 Perfluorooctane sulfonic acid										M
499.00 > 80.00	3.825	3.768	0.057	1.000	41904	0.2186			107	M
499.00 > 99.00	3.825	3.768	0.057	1.000	8814		4.75(0.90-1.10)		23.8	
D 18 13C4 PFOS										
503.00 > 80.00	3.825	3.812	0.013		7722361	32.9		68.9	21761	

QC Flag Legend

Review Flags

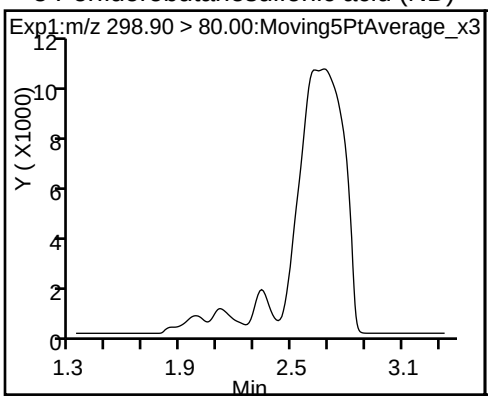
M - Manually Integrated

Report Date: 26-May-2017 14:32:37 Chrom Revision: 2.2 25-May-2017 18:29:58

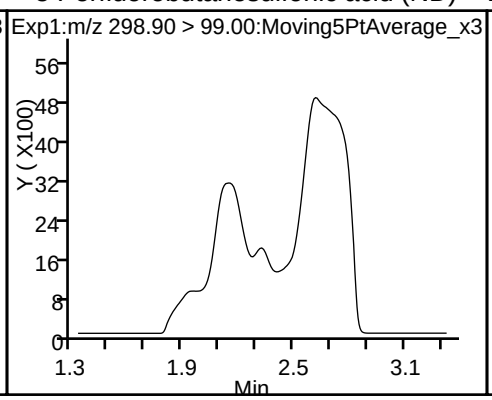
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_044.d				
Injection Date:	25-May-2017 22:46:34	Instrument ID:	A8_N		
Lims ID:	320-28275-A-4-A	Lab Sample ID:	320-28275-4		
Client ID:	MEAFF-TA-4_SOUTH-SB01-0204				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	8	Worklist Smp#:	9
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

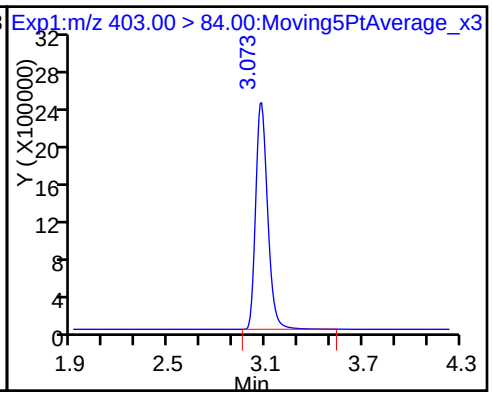
5 Perfluorobutanesulfonic acid (ND)



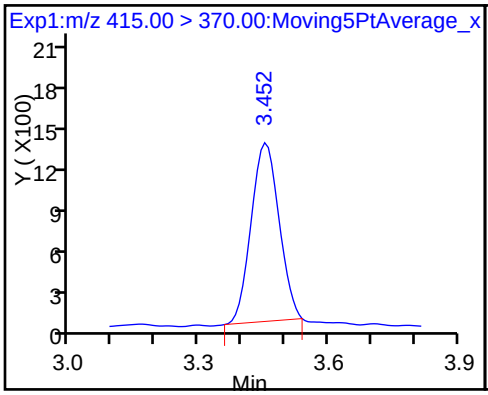
5 Perfluorobutanesulfonic acid (ND)



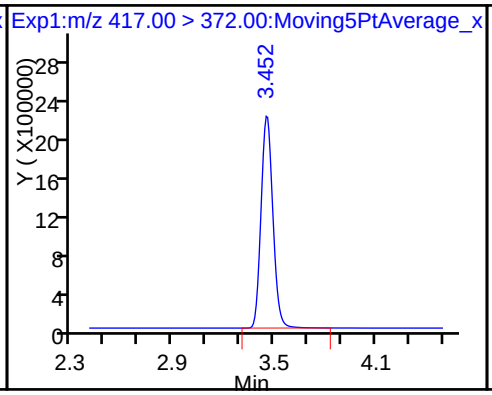
D 11 18O2 PFHxS



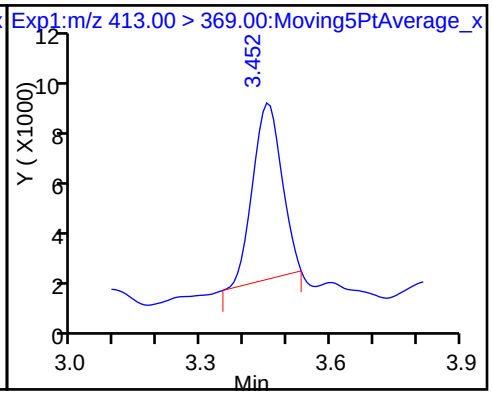
* 62 13C2-PFOA



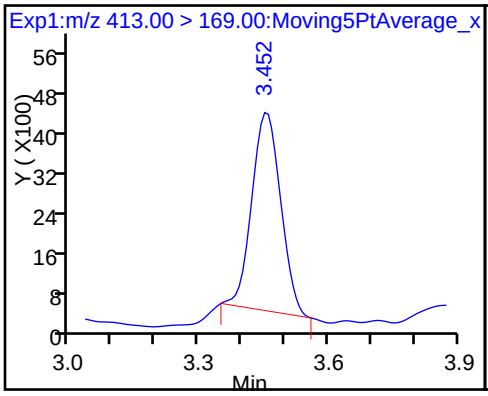
D 14 13C4 PFOA



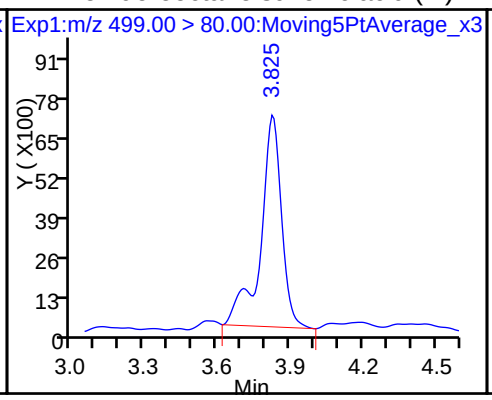
15 Perfluorooctanoic acid



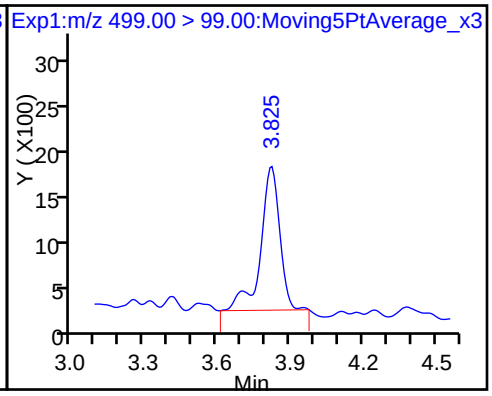
15 Perfluorooctanoic acid



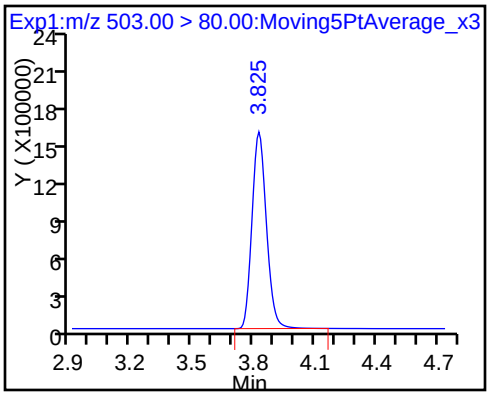
17 Perfluorooctane sulfonic acid (M)



17 Perfluorooctane sulfonic acid



D 18 13C4 PFOS



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

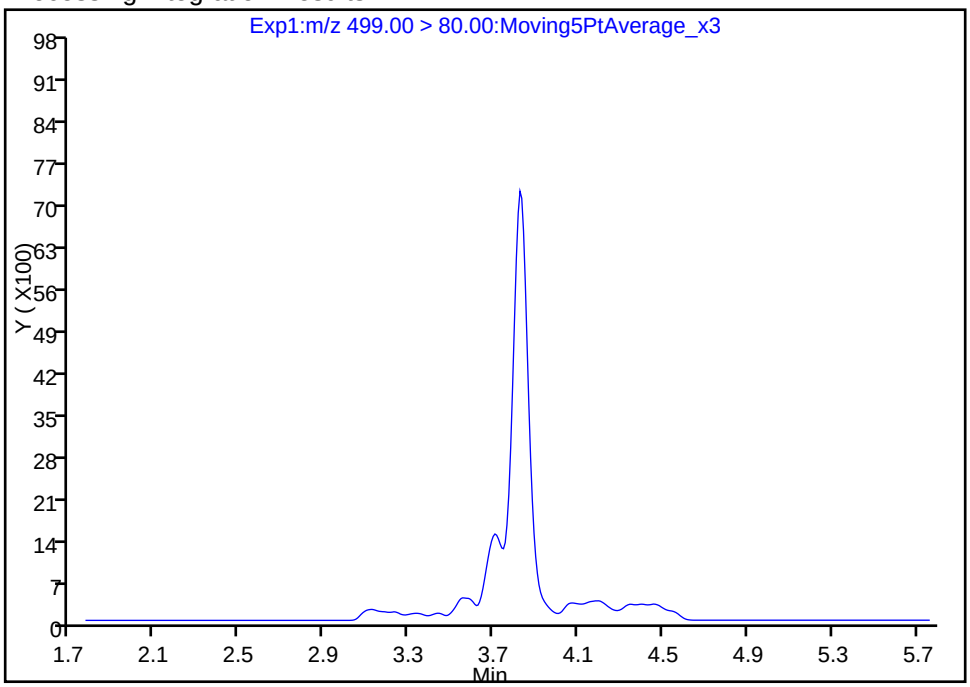
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_044.d				
Injection Date:	25-May-2017 22:46:34	Instrument ID:	A8_N		
Lims ID:	320-28275-A-4-A	Lab Sample ID:	320-28275-4		
Client ID:	MEAFF-TA-4_SOUTH-SB01-0204				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	8	Worklist Smp#:	9
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

17 Perfluorooctane sulfonic acid, CAS: 1763-23-1

Signal: 1

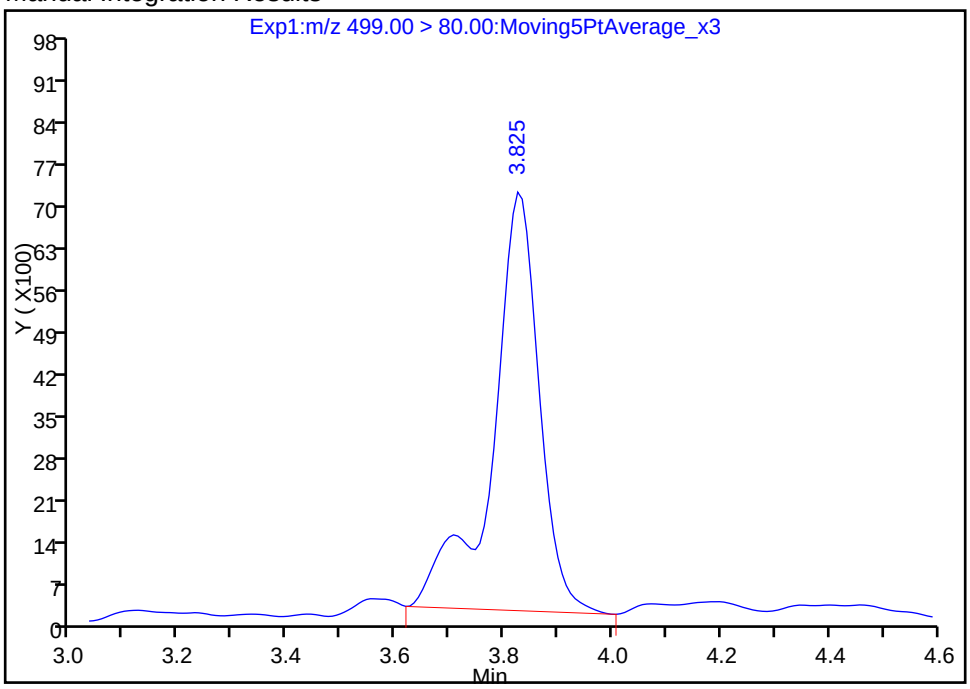
Processing Integration Results

Not Detected
Expected RT: 3.77



Manual Integration Results

RT: 3.83
Area: 41904
Amount: 0.218588
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:25:31
Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-FD05-051117
Lab Sample ID: 320-28275-5
Matrix: Solid
Lab File ID: 2017.05.25C_045.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 00:00
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 4.96(g)
Date Analyzed: 05/25/2017 22:54
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 18.1
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.37	U	0.62	0.37	0.13
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.37	U	0.62	0.37	0.16
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.37	U	0.49	0.37	0.13

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	78		25-150
STL00991	13C4 PFOS	31		25-150
STL00994	18O2 PFHxS	72		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_045.d
Lims ID: 320-28275-A-5-A
Client ID: MEAFF-FD05-051117
Sample Type: Client
Inject. Date: 25-May-2017 22:54:05 ALS Bottle#: 9 Worklist Smp#: 10
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-5-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:23 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:25:47

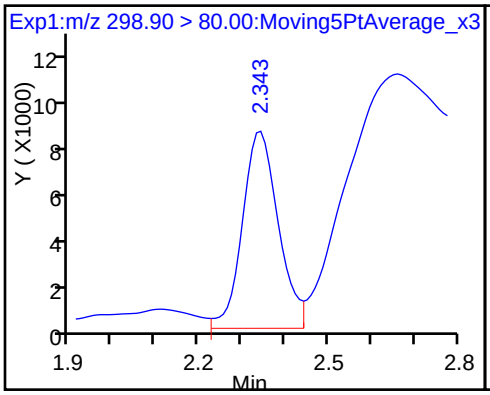
Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.343	2.329	0.014	1.000	46827	0.1270				
298.90 > 99.00	2.333	2.329	0.004	0.996	11945		3.92(0.00-0.00)			
D 11 18O2 PFHxS										
403.00 > 84.00	3.074	3.058	0.016		11022787	34.2		72.3	58002	
* 62 13C2-PFOA										
415.00 > 370.00	3.452	3.435	0.017		6362	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.461	3.444	0.017		8830890	38.9		77.8	45986	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.452	3.444	0.008	1.000	26743	0.1349			2.9	
413.00 > 169.00	3.461	3.444	0.017	1.002	8760		3.05(0.90-1.10)		25.8	
D 18 13C4 PFOS										
503.00 > 80.00	3.825	3.812	0.013		3432879	14.6		30.6	13285	

Report Date: 26-May-2017 14:32:39 Chrom Revision: 2.2 25-May-2017 18:29:58

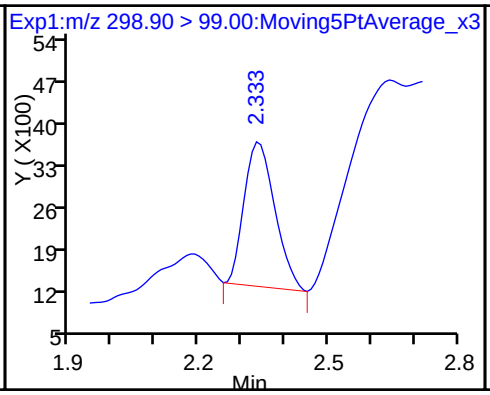
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_045.d				
Injection Date:	25-May-2017 22:54:05	Instrument ID:	A8_N		
Lims ID:	320-28275-A-5-A	Lab Sample ID:	320-28275-5		
Client ID:	MEAFF-FD05-051117				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	9	Worklist Smp#:	10
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

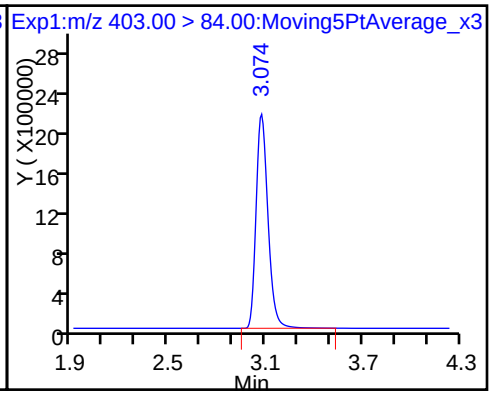
5 Perfluorobutanesulfonic acid



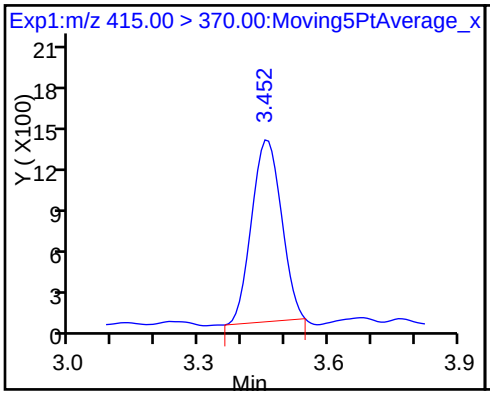
5 Perfluorobutanesulfonic acid



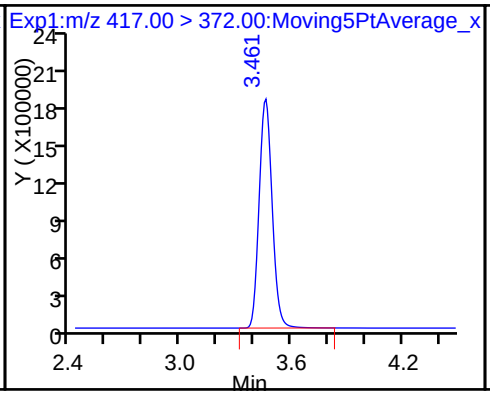
D 11 18O2 PFHxS



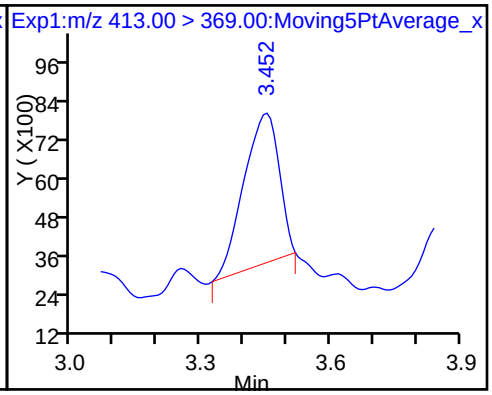
* 62 13C2-PFOA



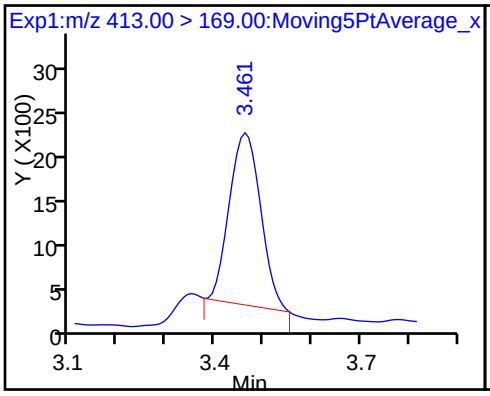
D 14 13C4 PFOA



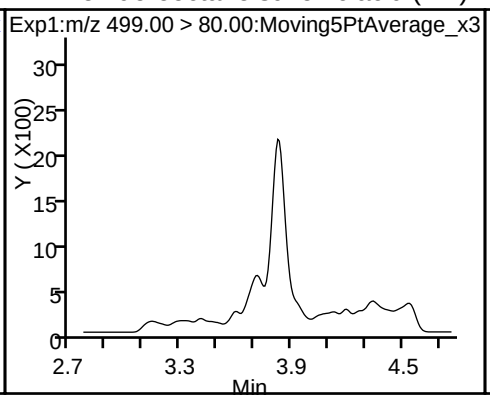
15 Perfluorooctanoic acid



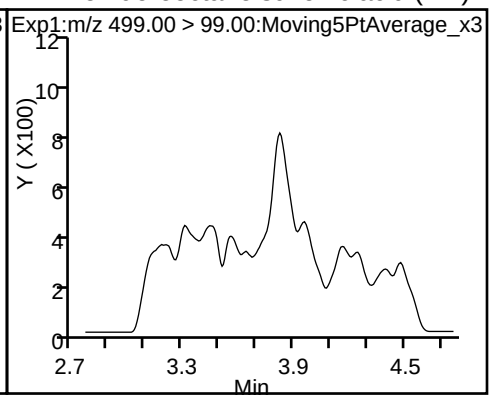
15 Perfluorooctanoic acid



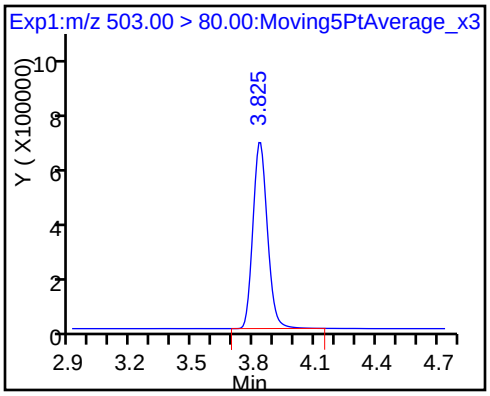
17 Perfluorooctane sulfonic acid (ND)



17 Perfluorooctane sulfonic acid (ND)



D 18 13C4 PFOS



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-T45C_05_2008-SB01-0406
Lab Sample ID: 320-28275-6
Matrix: Solid
Lab File ID: 2017.05.25C_046.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 14:30
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.07(g)
Date Analyzed: 05/25/2017 23:01
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 18.2
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.36	U M	0.60	0.36	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.36	U	0.60	0.36	0.15
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.36	U	0.48	0.36	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	86		25-150
STL00991	13C4 PFOS	46		25-150
STL00994	18O2 PFHxS	74		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_046.d
Lims ID: 320-28275-A-6-A
Client ID: MEAFF-T45C_05_2008-SB01-0406
Sample Type: Client
Inject. Date: 25-May-2017 23:01:37 ALS Bottle#: 10 Worklist Smp#: 11
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-6-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:23 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:26:08

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.328	2.329	-0.001	1.000	51752	0.1368				
298.90 > 99.00	2.328	2.329	-0.001	1.000	19549		2.65(0.00-0.00)			
D 11 18O2 PFHxS										
403.00 > 84.00	3.063	3.058	0.005		11307898	35.1		74.2	43442	
* 62 13C2-PFOA										
415.00 > 370.00	3.442	3.435	0.007		5301	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.450	3.444	0.006		9799205	43.2		86.4	64927	
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.450	3.444	0.006	1.000	43477	0.1976			4.6	M
413.00 > 169.00	3.442	3.444	-0.002	0.998	28515		1.52(0.90-1.10)		62.0	M
D 18 13C4 PFOS										
503.00 > 80.00	3.815	3.812	0.003		5115159	21.8		45.6	21516	

QC Flag Legend

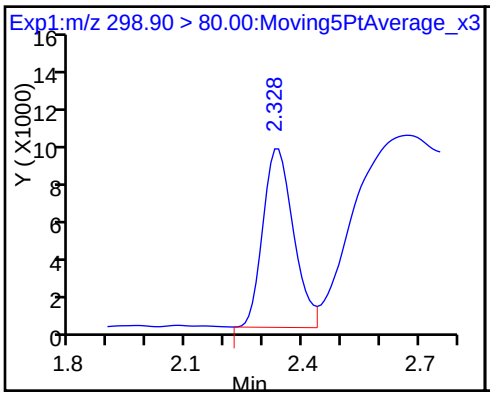
Review Flags
M - Manually Integrated

Report Date: 26-May-2017 14:32:40 Chrom Revision: 2.2 25-May-2017 18:29:58

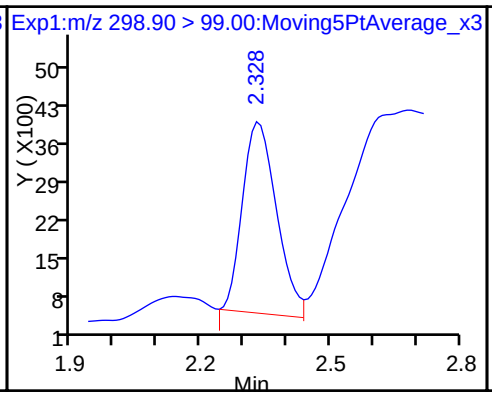
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_046.d				
Injection Date:	25-May-2017 23:01:37	Instrument ID:	A8_N		
Lims ID:	320-28275-A-6-A	Lab Sample ID:	320-28275-6		
Client ID:	MEAFF-T45C_05_2008-SB01-0406				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	10	Worklist Smp#:	11
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

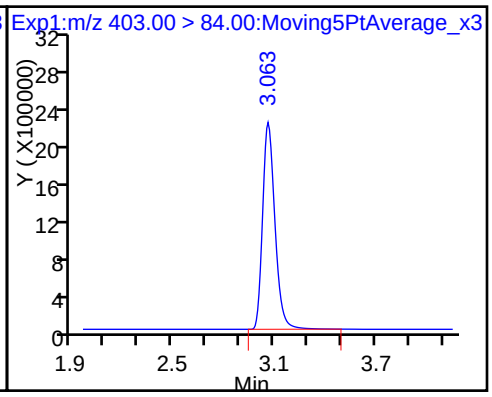
5 Perfluorobutanesulfonic acid



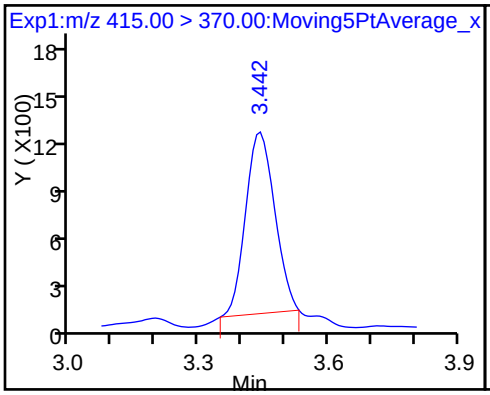
5 Perfluorobutanesulfonic acid



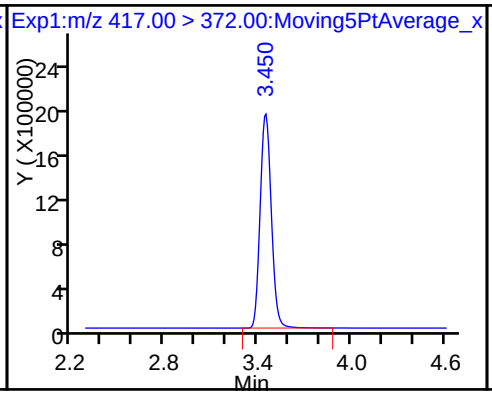
D 11 18O2 PFHxS



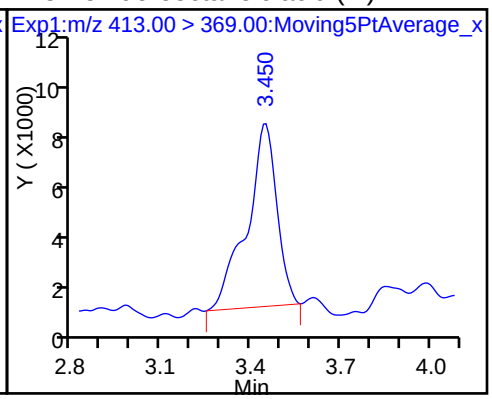
* 62 13C2-PFOA



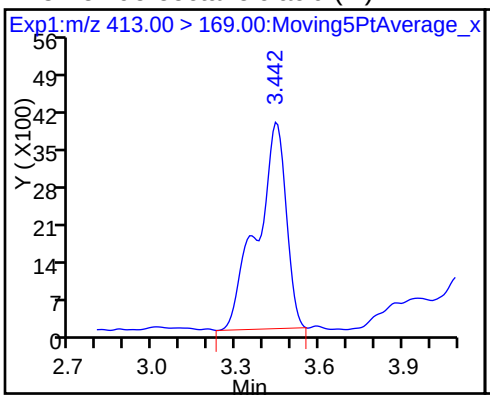
D 14 13C4 PFOA



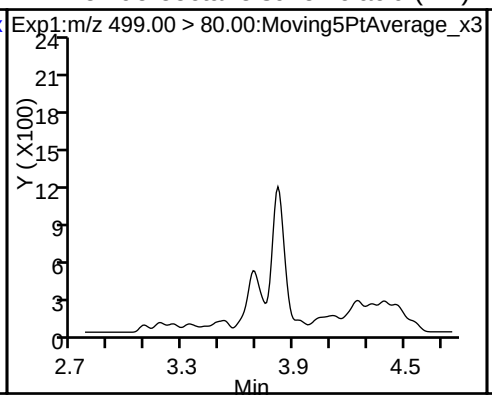
15 Perfluorooctanoic acid (M)



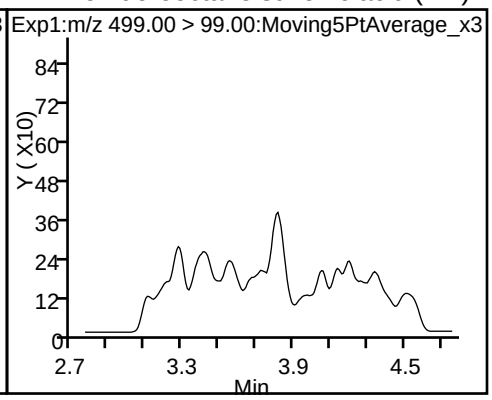
15 Perfluorooctanoic acid (M)



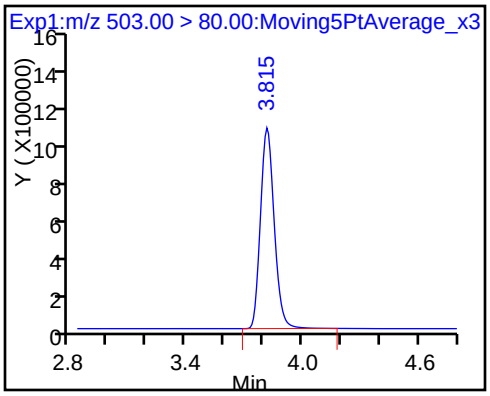
17 Perfluorooctane sulfonic acid (ND)



17 Perfluorooctane sulfonic acid (ND)



D 18 13C4 PFOS



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

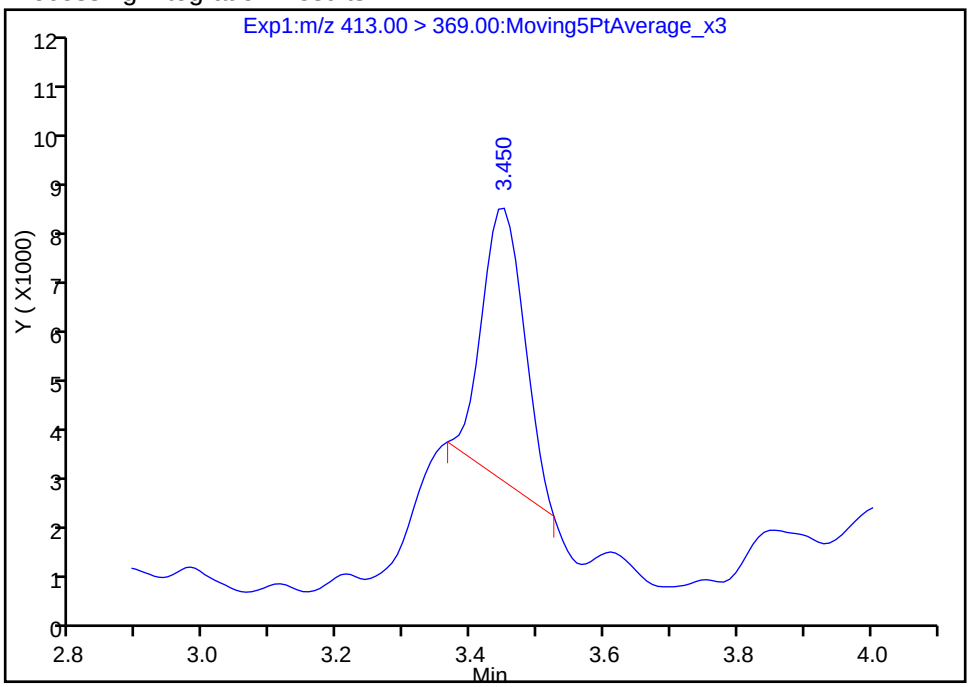
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_046.d				
Injection Date:	25-May-2017 23:01:37	Instrument ID:	A8_N		
Lims ID:	320-28275-A-6-A	Lab Sample ID:	320-28275-6		
Client ID:	MEAFF-T45C_05_2008-SB01-0406				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	10	Worklist Smp#:	11
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

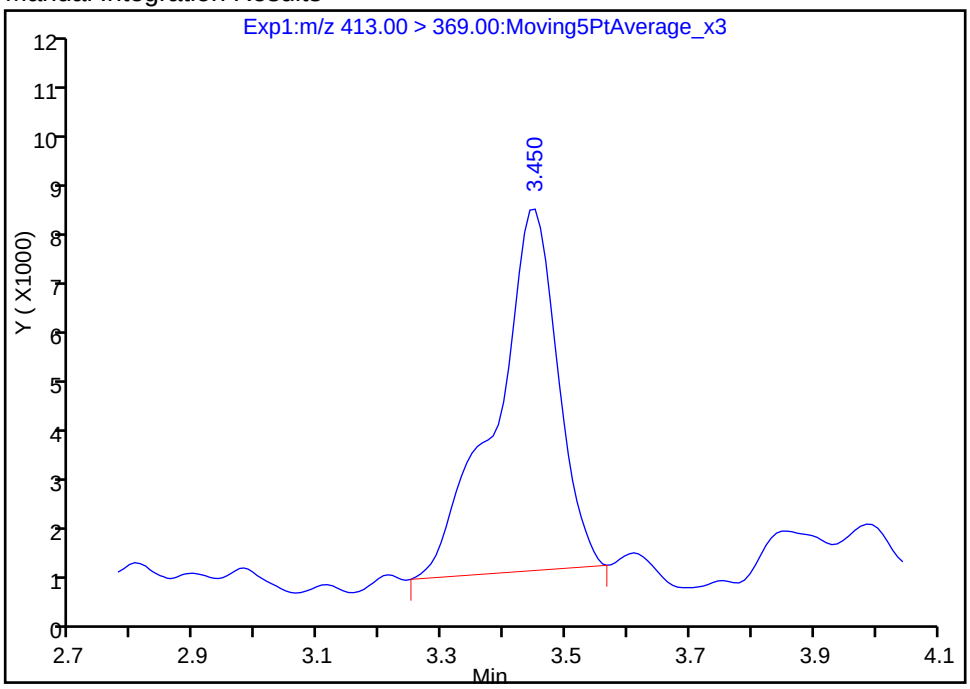
Processing Integration Results

RT: 3.45
Area: 20675
Amount: 0.093956
Amount Units: ng/ml



Manual Integration Results

RT: 3.45
Area: 43477
Amount: 0.197577
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:26:02

Audit Action: Manually Integrated Audit Reason: Isomers

Manual Integration/User Assign Peak Report

TestAmerica Sacramento

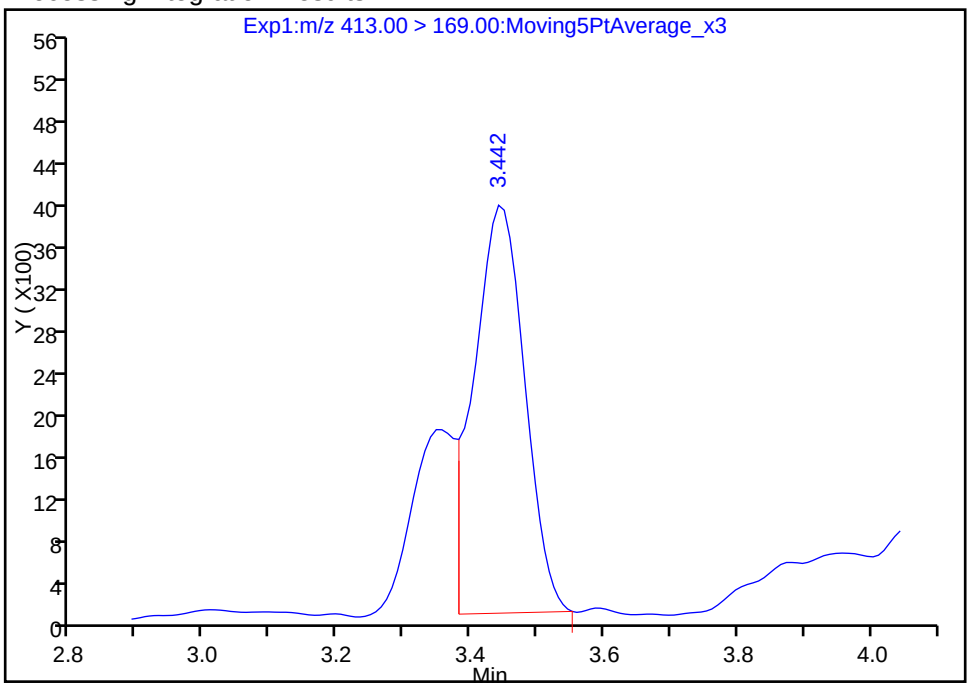
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_046.d				
Injection Date:	25-May-2017 23:01:37	Instrument ID:	A8_N		
Lims ID:	320-28275-A-6-A	Lab Sample ID:	320-28275-6		
Client ID:	MEAFF-T45C_05_2008-SB01-0406				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	10	Worklist Smp#:	11
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

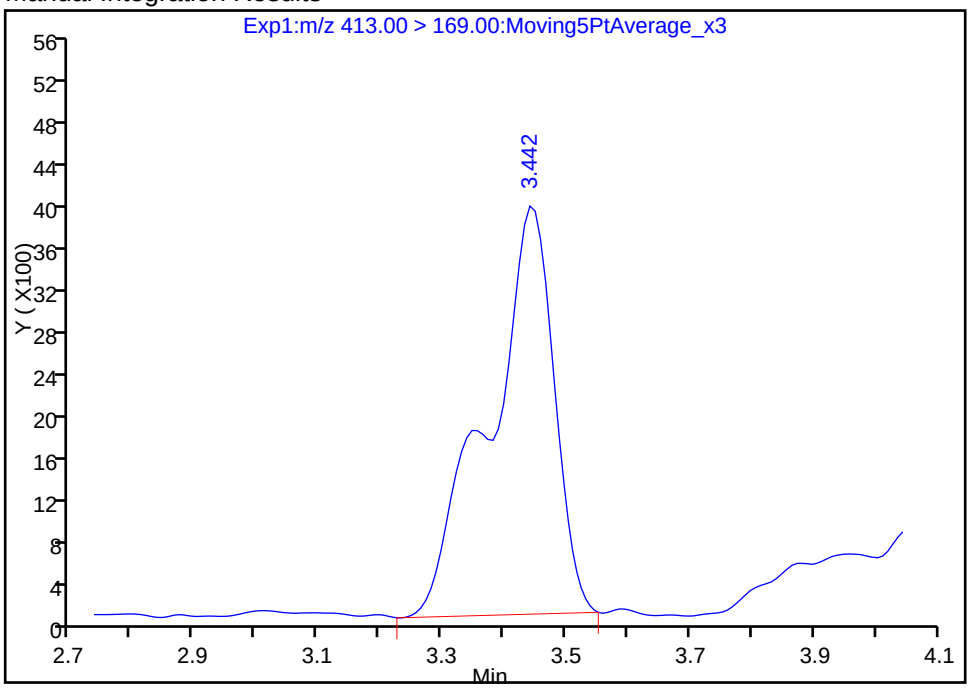
Processing Integration Results

RT: 3.44
Area: 20365
Amount: 0.093956
Amount Units: ng/ml



Manual Integration Results

RT: 3.44
Area: 28515
Amount: 0.197577
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:26:04

Audit Action: Manually Integrated Audit Reason: Isomers

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-T45C_05_2008-SB01-0608
Lab Sample ID: 320-28275-7
Matrix: Solid
Lab File ID: 2017.05.25C_048.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 14:38
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.05(g)
Date Analyzed: 05/25/2017 23:16
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 16.1
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.17	J M	0.59	0.35	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.35	U	0.59	0.35	0.15
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.35	U	0.47	0.35	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	95		25-150
STL00991	13C4 PFOS	51		25-150
STL00994	18O2 PFHxS	76		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_048.d
Lims ID: 320-28275-A-7-A
Client ID: MEAFF-T45C_05_2008-SB01-0608
Sample Type: Client
Inject. Date: 25-May-2017 23:16:37 ALS Bottle#: 11 Worklist Smp#: 13
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-7-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:41 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:26:30

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.338	2.328	0.010	1.000	124513	0.3223				
298.90 > 99.00	2.338	2.328	0.010	1.000	50687		2.46(0.00-0.00)			
D 11 18O2 PFHxS										
403.00 > 84.00	3.075	3.056	0.019		11551107	35.9		75.8	34075	
* 62 13C2-PFOA										
415.00 > 370.00	3.454	3.445	0.009		12446	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.454	3.445	0.009		10726813	47.3		94.6	40800	
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.454	3.453	0.001	1.000	171212	0.7108			20.4	
413.00 > 169.00	3.462	3.453	0.009	1.002	109508		1.56(0.90-1.10)		302	M
D 18 13C4 PFOS										
503.00 > 80.00	3.827	3.818	0.009		5692645	24.3		50.8	25494	

QC Flag Legend

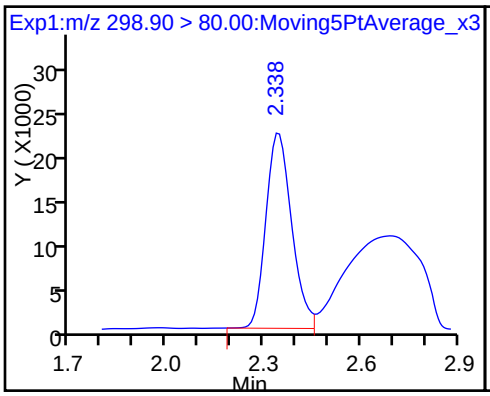
Review Flags
M - Manually Integrated

Report Date: 26-May-2017 14:32:45 Chrom Revision: 2.2 25-May-2017 18:29:58

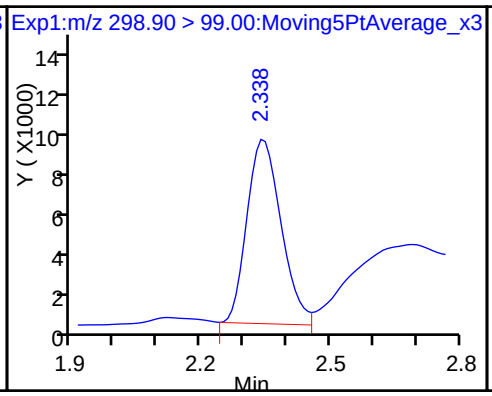
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_048.d				
Injection Date:	25-May-2017 23:16:37	Instrument ID:	A8_N		
Lims ID:	320-28275-A-7-A	Lab Sample ID:	320-28275-7		
Client ID:	MEAFF-T45C_05_2008-SB01-0608				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	11	Worklist Smp#:	13
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

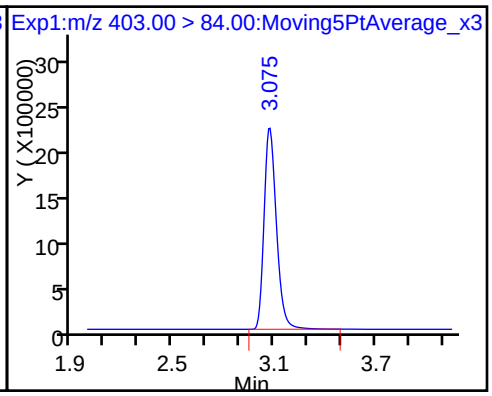
5 Perfluorobutanesulfonic acid



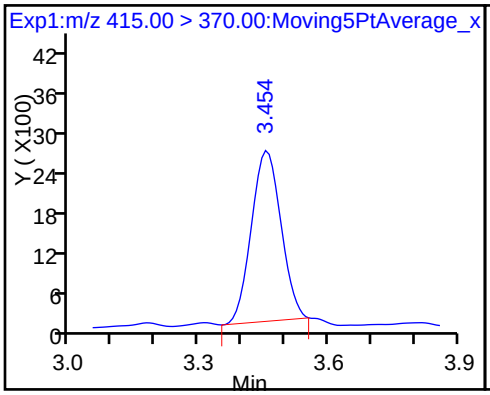
5 Perfluorobutanesulfonic acid



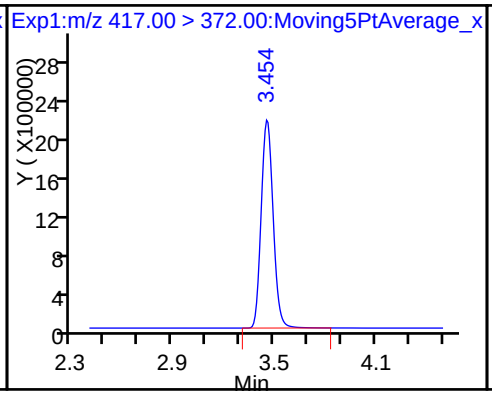
D 11 18O2 PFHxS



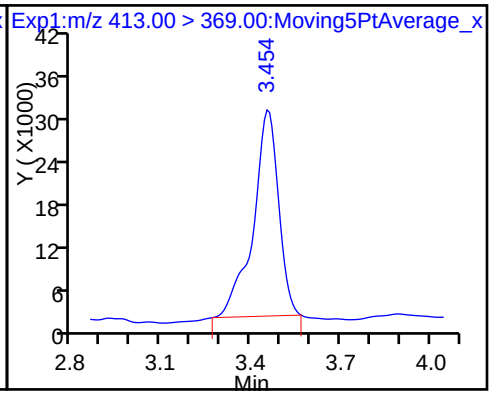
* 62 13C2-PFOA



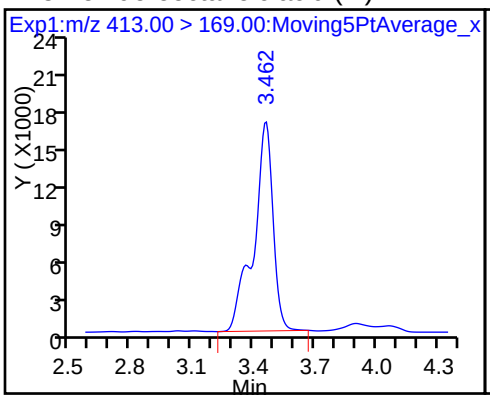
D 14 13C4 PFOA



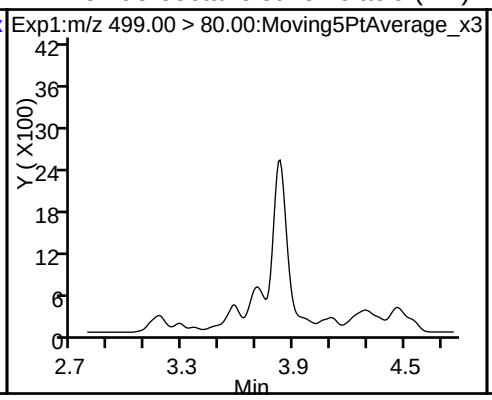
15 Perfluorooctanoic acid



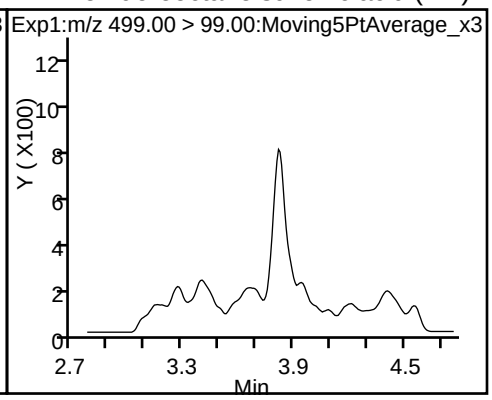
15 Perfluorooctanoic acid (M)



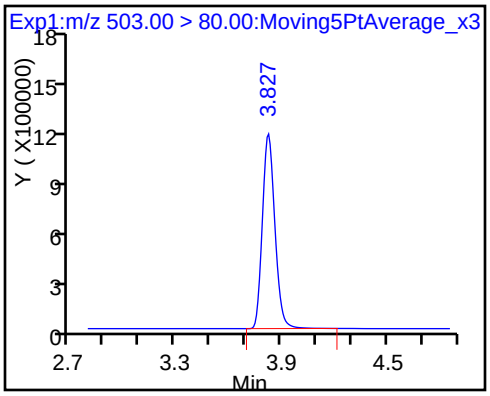
17 Perfluorooctane sulfonic acid (ND)



17 Perfluorooctane sulfonic acid (ND)



D 18 13C4 PFOS



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

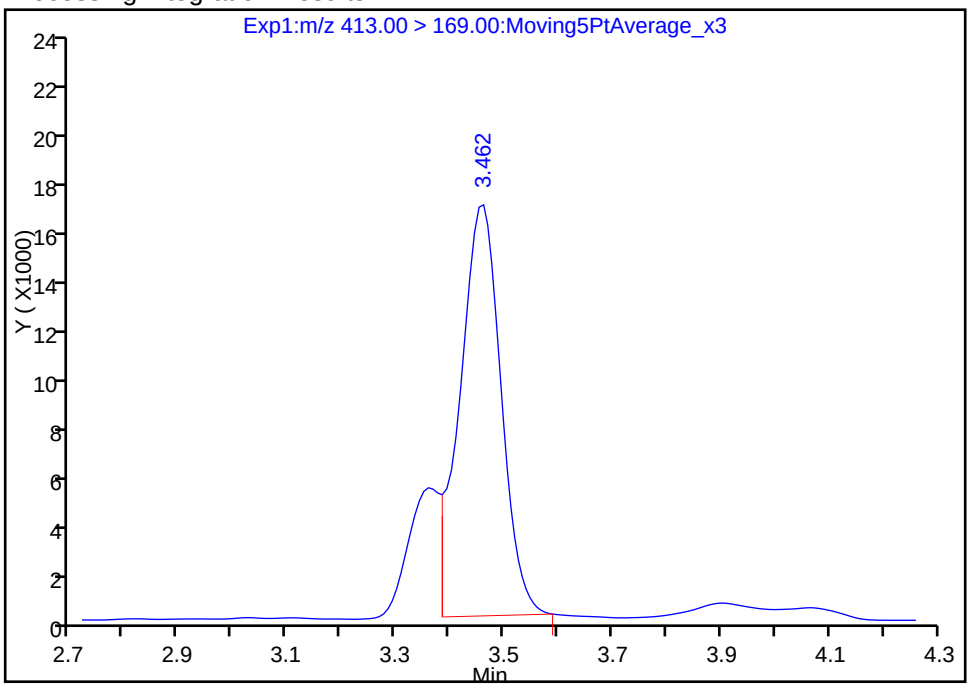
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_048.d				
Injection Date:	25-May-2017 23:16:37	Instrument ID:	A8_N		
Lims ID:	320-28275-A-7-A	Lab Sample ID:	320-28275-7		
Client ID:	MEAFF-T45C_05_2008-SB01-0608				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	11	Worklist Smp#:	13
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

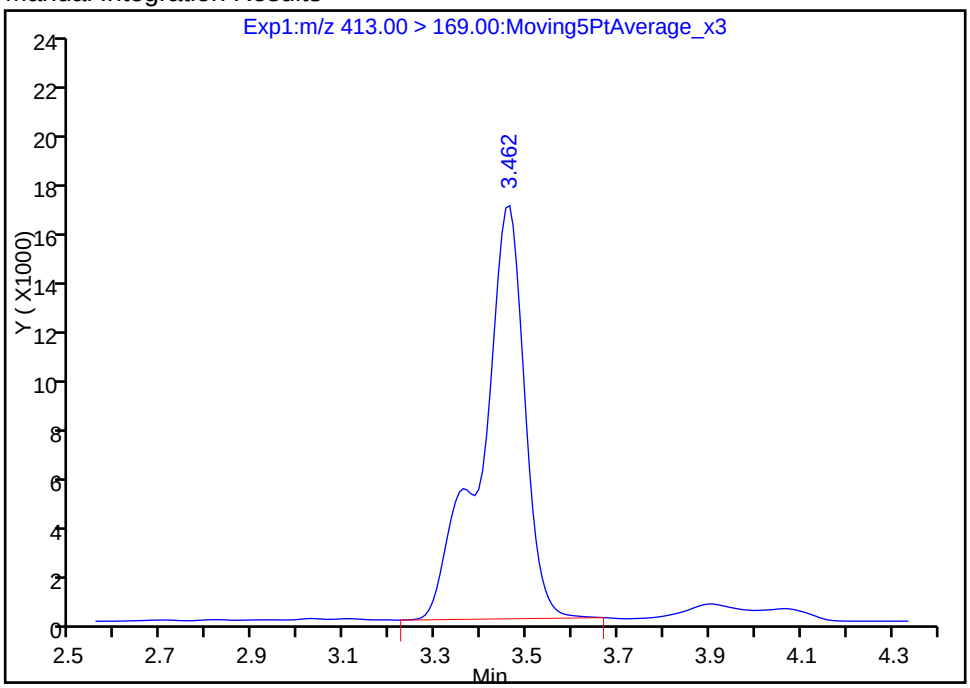
Processing Integration Results

RT: 3.46
Area: 86622
Amount: 0.710775
Amount Units: ng/ml



Manual Integration Results

RT: 3.46
Area: 109508
Amount: 0.710775
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:26:27

Audit Action: Manually Integrated Audit Reason: Isomers

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 320-28275-1

SDG No.:

Client Sample ID: MEAFF-T45C_2003-SB01-0001 | Lab Sample ID: 320-28275-8

Matrix: Solid | Lab File ID: 2017.05.25C_049.d

Analysis Method: 537 (Modified) | Date Collected: 05/11/2017 16:25

Extraction Method: SHAKE | Date Extracted: 05/18/2017 10:15

Sample wt/vol: 5.04(g) | Date Analyzed: 05/25/2017 23:24

Con. Extract Vol.: 1.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: 15.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 166365 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.87		0.58	0.35	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.80	M	0.58	0.35	0.15
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.35	U M	0.47	0.35	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	79		25-150
STL00991	13C4 PFOS	69		25-150
STL00994	18O2 PFHxS	74		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_049.d
Lims ID: 320-28275-A-8-A
Client ID: MEAFF-T45C_2003-SB01-0001
Sample Type: Client
Inject. Date: 25-May-2017 23:24:08 ALS Bottle#: 12 Worklist Smp#: 14
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-8-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:41 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:27:02

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.319	2.328	-0.009	1.000	54207	0.1435				M
298.90 > 99.00	2.319	2.328	-0.009	1.000	18413		2.94(0.00-0.00)			M
D 11 18O2 PFHxS										
403.00 > 84.00	3.050	3.056	-0.006		11298769	35.1		74.2	53952	
* 62 13C2-PFOA										
415.00 > 370.00	3.435	3.445	-0.010		7273	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.435	3.445	-0.010		8936497	39.4		78.8	45121	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.435	3.453	-0.018	1.000	743067	3.70			98.9	
413.00 > 169.00	3.435	3.453	-0.018	1.000	420960		1.77(0.90-1.10)		957	
17 Perfluorooctane sulfonic acid										M
499.00 > 80.00	3.687	3.773	-0.086	1.000	656796	3.40			846	
499.00 > 99.00	3.803	3.773	0.030	1.032	134802		4.87(0.90-1.10)		191	M
D 18 13C4 PFOS										
503.00 > 80.00	3.803	3.818	-0.015		7775180	33.1		69.3	18765	

QC Flag Legend

Review Flags

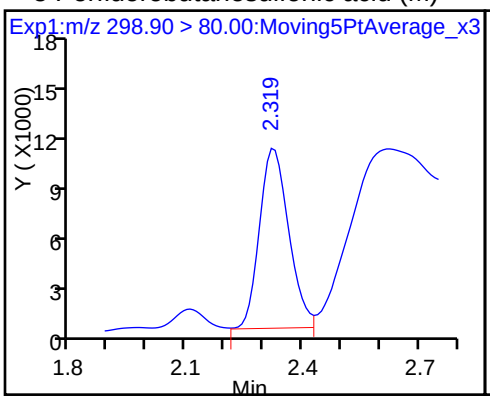
M - Manually Integrated

Report Date: 26-May-2017 14:32:47 Chrom Revision: 2.2 25-May-2017 18:29:58

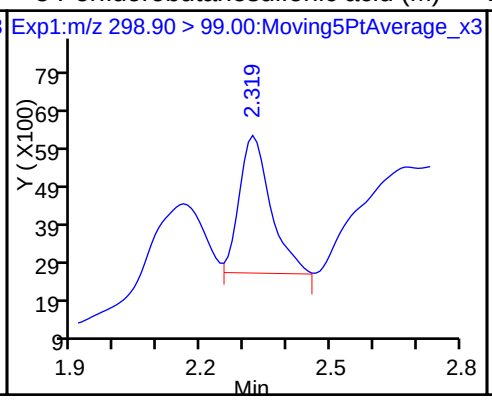
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_049.d				
Injection Date:	25-May-2017 23:24:08	Instrument ID:	A8_N		
Lims ID:	320-28275-A-8-A	Lab Sample ID:	320-28275-8		
Client ID:	MEAFF-T45C_2003-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	12	Worklist Smp#:	14
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

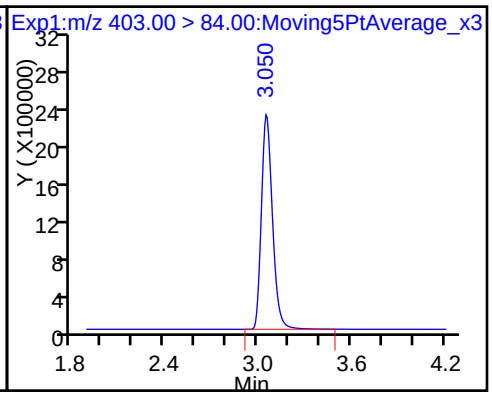
5 Perfluorobutanesulfonic acid (M)



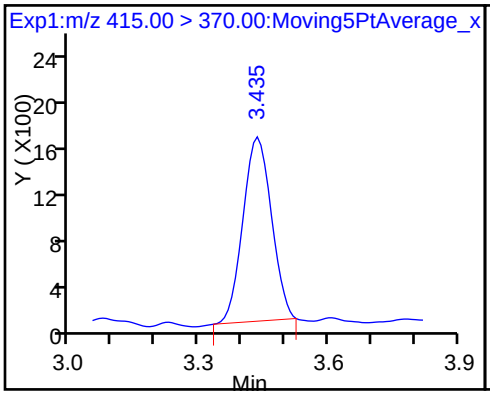
5 Perfluorobutanesulfonic acid (M)



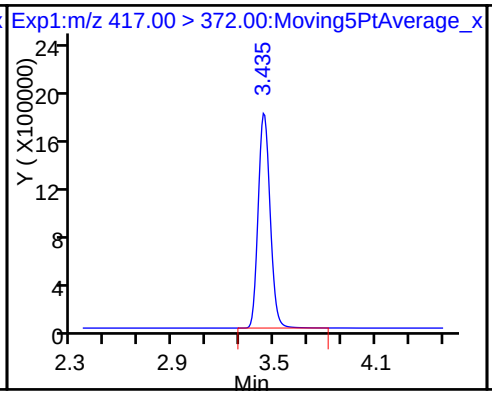
D 11 18O2 PFHxS



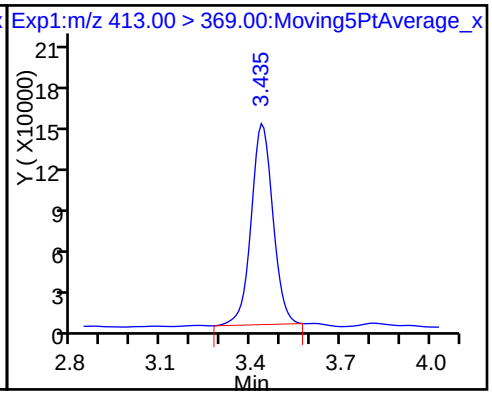
* 62 13C2-PFOA



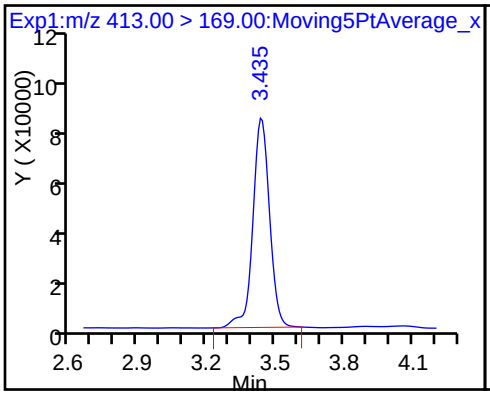
D 14 13C4 PFOA



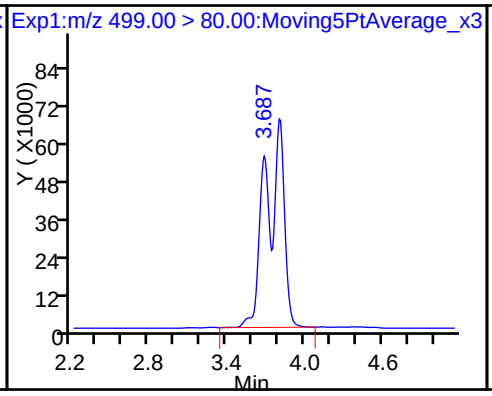
15 Perfluorooctanoic acid



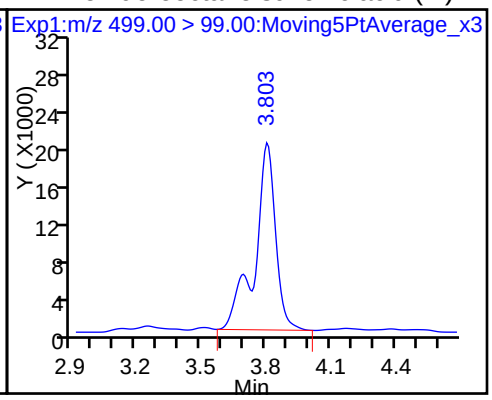
15 Perfluorooctanoic acid



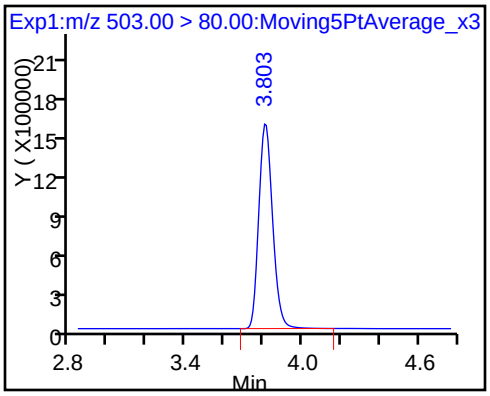
17 Perfluorooctane sulfonic acid



17 Perfluorooctane sulfonic acid (M)



D 18 13C4 PFOS



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

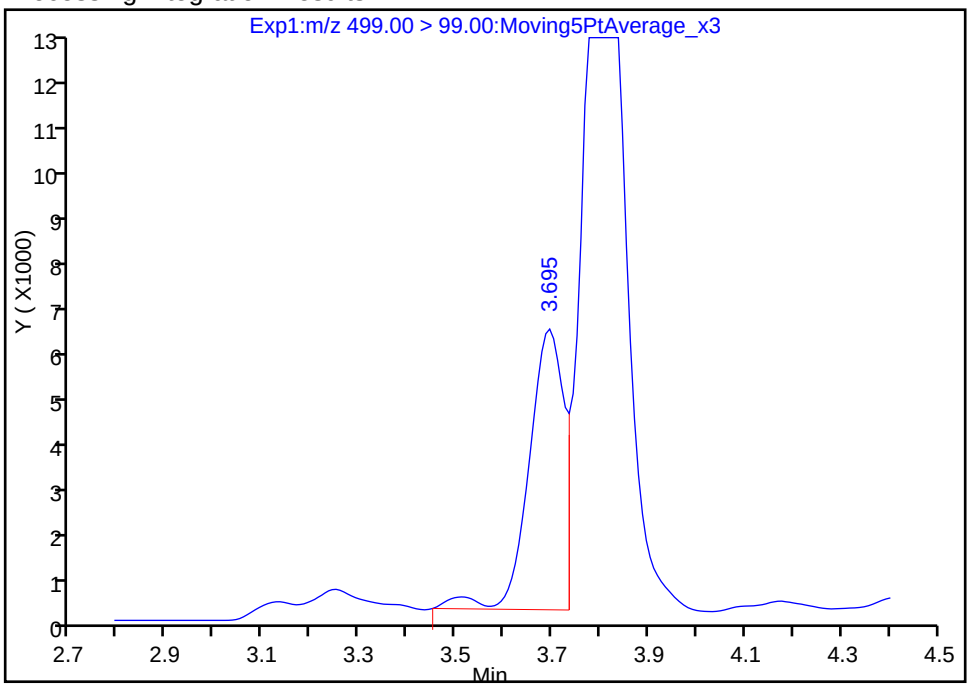
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_049.d				
Injection Date:	25-May-2017 23:24:08	Instrument ID:	A8_N		
Lims ID:	320-28275-A-8-A	Lab Sample ID:	320-28275-8		
Client ID:	MEAFF-T45C_2003-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	12	Worklist Smp#:	14
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

17 Perfluorooctane sulfonic acid, CAS: 1763-23-1

Signal: 2

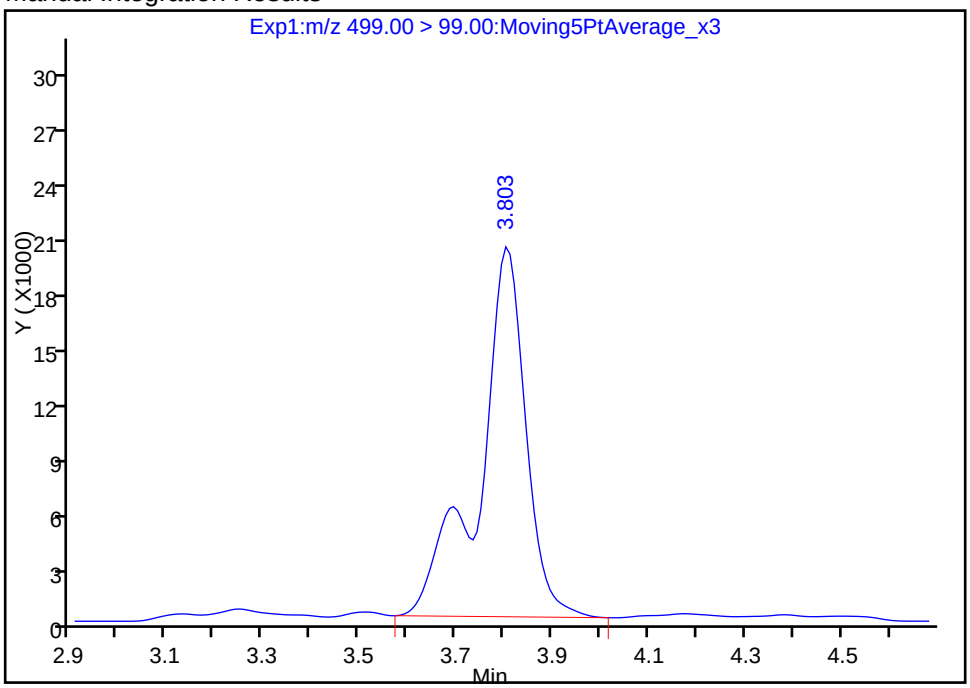
Processing Integration Results

RT: 3.69
Area: 30423
Amount: 3.402837
Amount Units: ng/ml



Manual Integration Results

RT: 3.80
Area: 134802
Amount: 3.402837
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:27:00

Audit Action: Manually Integrated Audit Reason: Isomers

Manual Integration/User Assign Peak Report

TestAmerica Sacramento

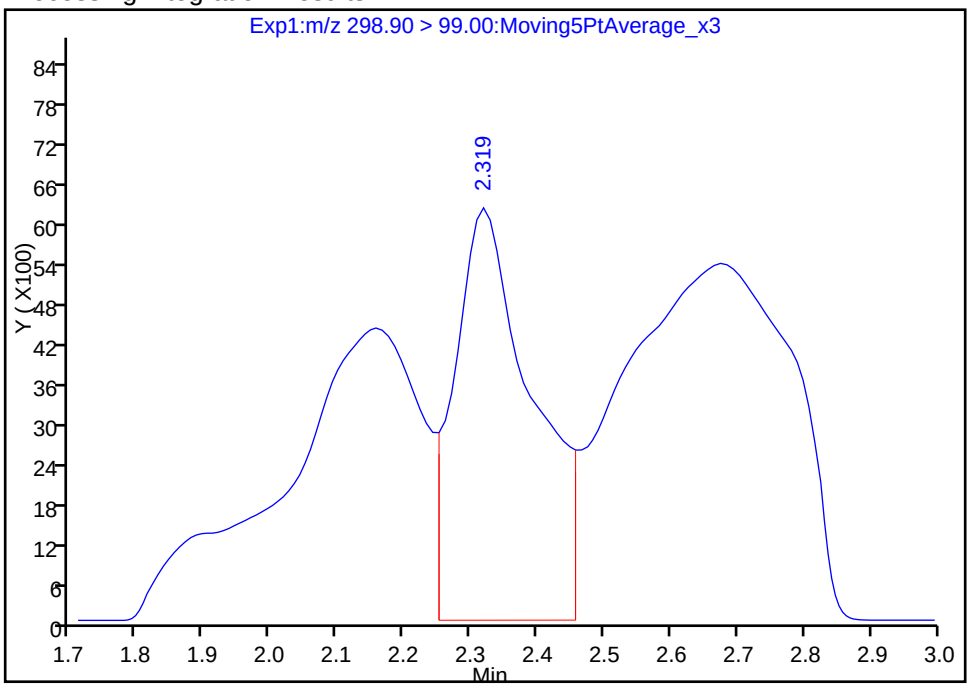
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_049.d				
Injection Date:	25-May-2017 23:24:08	Instrument ID:	A8_N		
Lims ID:	320-28275-A-8-A	Lab Sample ID:	320-28275-8		
Client ID:	MEAFF-T45C_2003-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	12	Worklist Smp#:	14
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 2

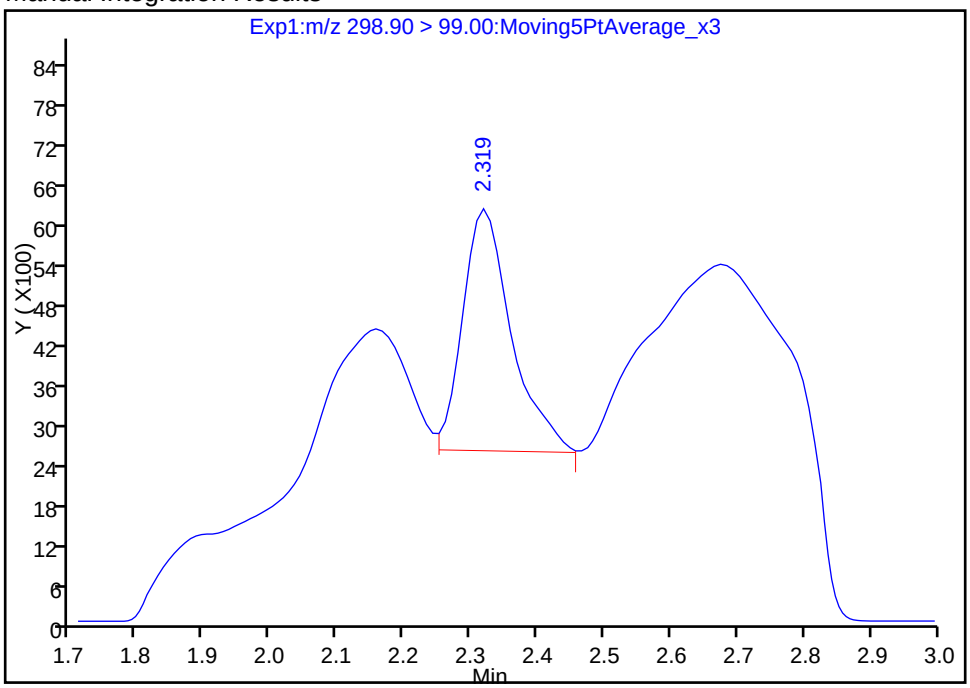
Processing Integration Results

RT: 2.32
Area: 49932
Amount: 0.164734
Amount Units: ng/ml



Manual Integration Results

RT: 2.32
Area: 18413
Amount: 0.143456
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:26:44

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

TestAmerica Sacramento

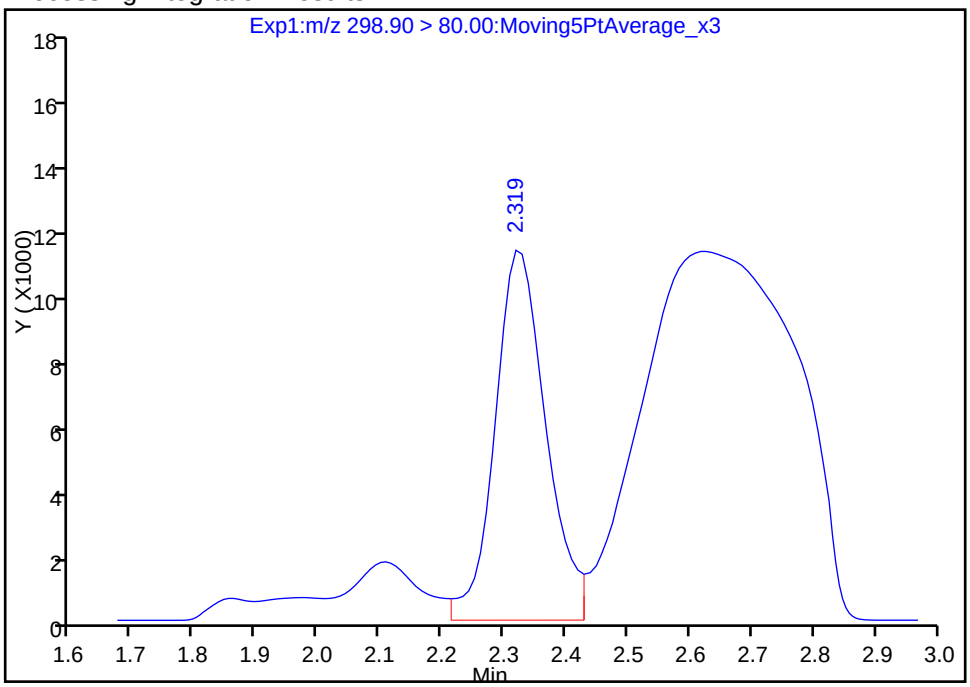
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_049.d				
Injection Date:	25-May-2017 23:24:08	Instrument ID:	A8_N		
Lims ID:	320-28275-A-8-A	Lab Sample ID:	320-28275-8		
Client ID:	MEAFF-T45C_2003-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	12	Worklist Smp#:	14
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 1

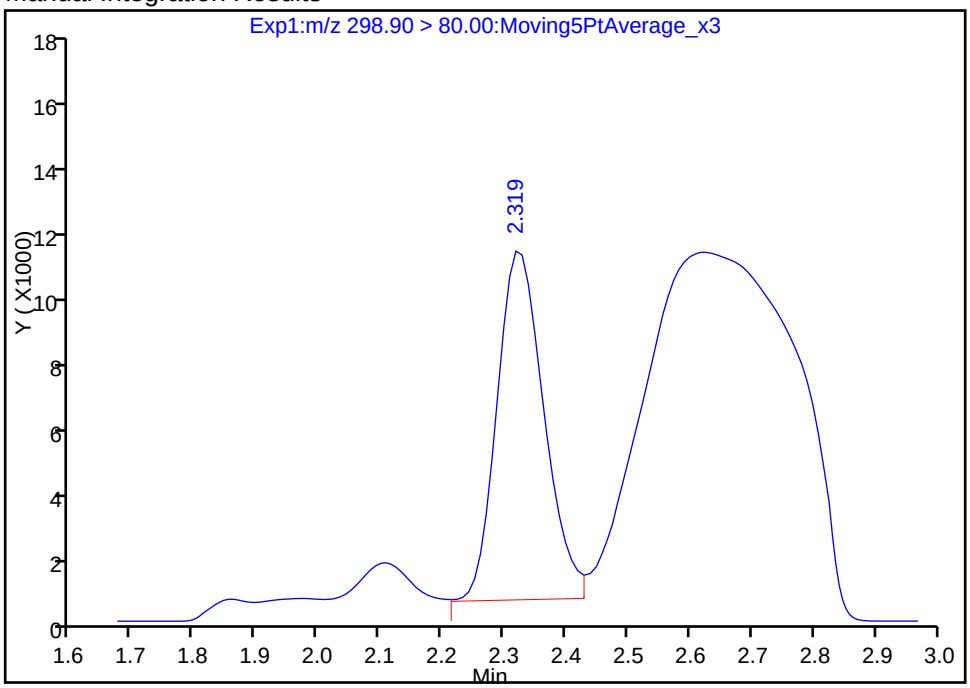
Processing Integration Results

RT: 2.32
Area: 62247
Amount: 0.164734
Amount Units: ng/ml



Manual Integration Results

RT: 2.32
Area: 54207
Amount: 0.143456
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:26:48

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-T45C_2003-SB01-0204
Lab Sample ID: 320-28275-9
Matrix: Solid
Lab File ID: 2017.05.25C_050.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 16:28
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 4.99(g)
Date Analyzed: 05/25/2017 23:31
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 20.4
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.14	J M	0.63	0.38	0.13
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.38	U	0.63	0.38	0.16
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.38	U	0.50	0.38	0.13

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	77		25-150
STL00991	13C4 PFOS	32		25-150
STL00994	18O2 PFHxS	64		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_050.d
Lims ID: 320-28275-A-9-A
Client ID: MEAFF-T45C_2003-SB01-0204
Sample Type: Client
Inject. Date: 25-May-2017 23:31:39 ALS Bottle#: 13 Worklist Smp#: 15
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-9-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:41 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:27:21

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.328	2.328	0.0	1.000	38388	0.1170				
298.90 > 99.00	2.328	2.328	0.0	1.000	16045		2.39(0.00-0.00)			
D 11 18O2 PFHxS										
403.00 > 84.00	3.061	3.056	0.005		9811108	30.5		64.4	51163	
* 62 13C2-PFOA										
415.00 > 370.00	3.439	3.445	-0.006		5767	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.448	3.445	0.003		8777214	38.7		77.4	41780	
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.363	3.453	-0.091	1.000	109615	0.5561			18.8	
413.00 > 169.00	3.346	3.453	-0.107	0.995	195482		0.56(0.90-1.10)		345	M
D 18 13C4 PFOS										
503.00 > 80.00	3.811	3.818	-0.007		3544449	15.1		31.6	19770	

QC Flag Legend

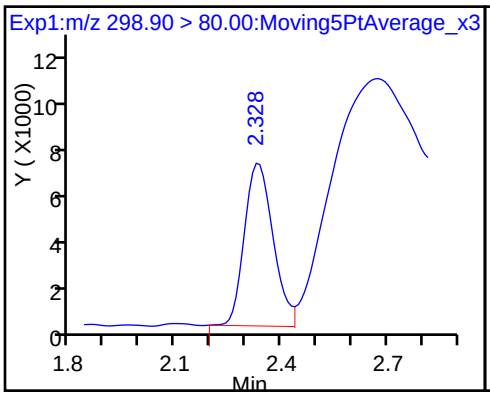
Review Flags
M - Manually Integrated

Report Date: 26-May-2017 14:32:49 Chrom Revision: 2.2 25-May-2017 18:29:58

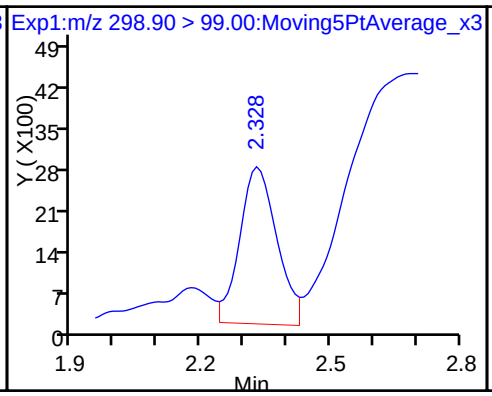
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_050.d				
Injection Date:	25-May-2017 23:31:39	Instrument ID:	A8_N		
Lims ID:	320-28275-A-9-A	Lab Sample ID:	320-28275-9		
Client ID:	MEAFF-T45C_2003-SB01-0204				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	13	Worklist Smp#:	15
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

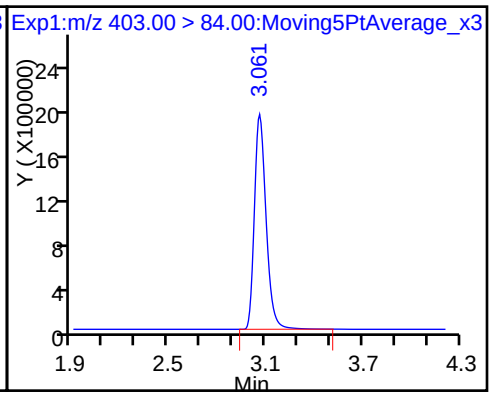
5 Perfluorobutanesulfonic acid



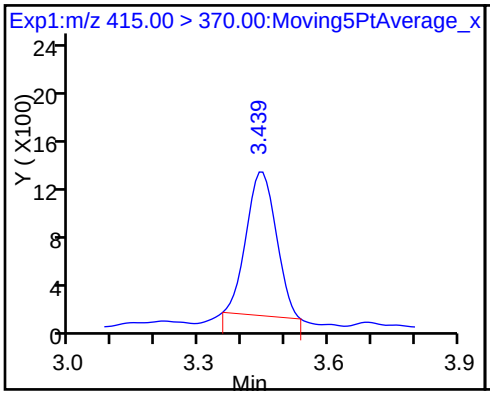
5 Perfluorobutanesulfonic acid



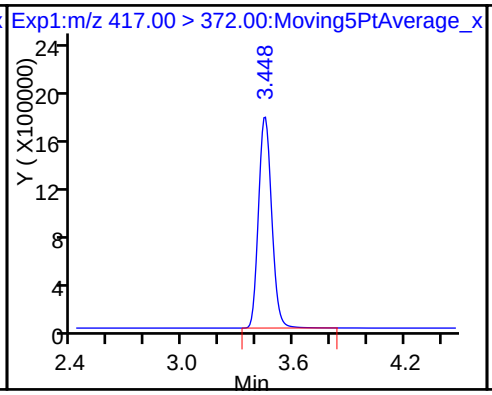
D 11 18O2 PFHxS



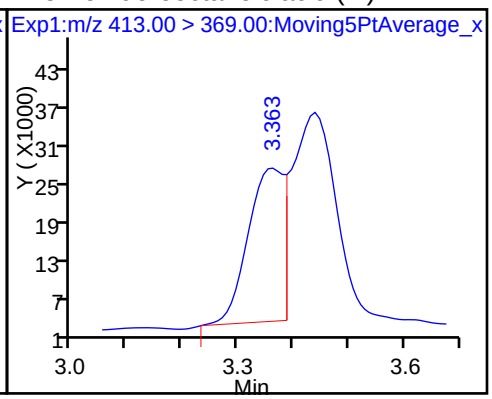
* 62 13C2-PFOA



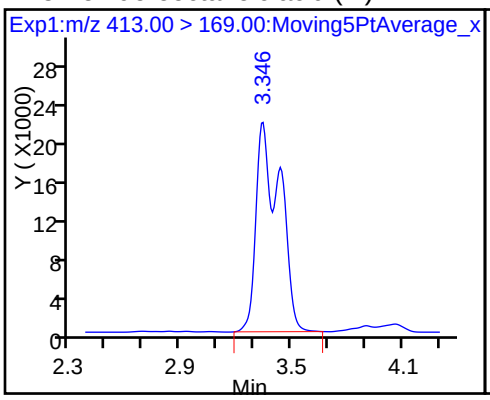
D 14 13C4 PFOA



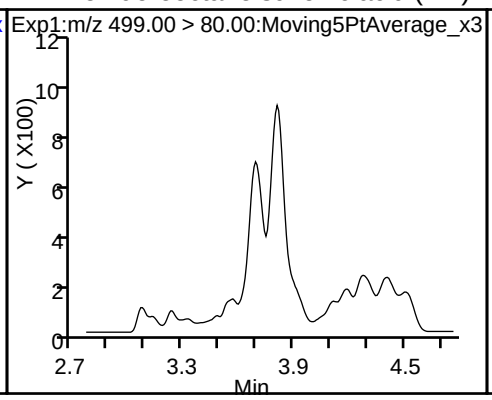
15 Perfluorooctanoic acid (M)



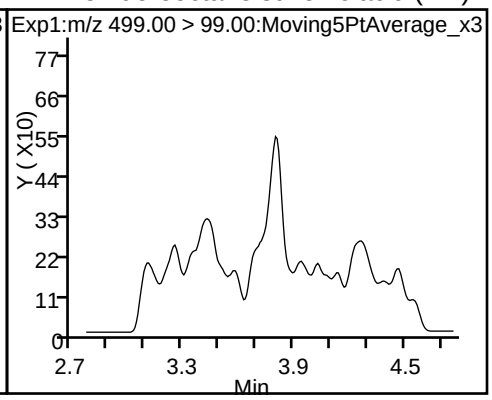
15 Perfluorooctanoic acid (M)



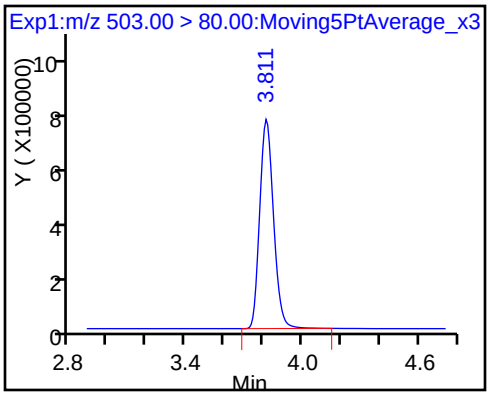
17 Perfluorooctane sulfonic acid (ND)



17 Perfluorooctane sulfonic acid (ND)



D 18 13C4 PFOS



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

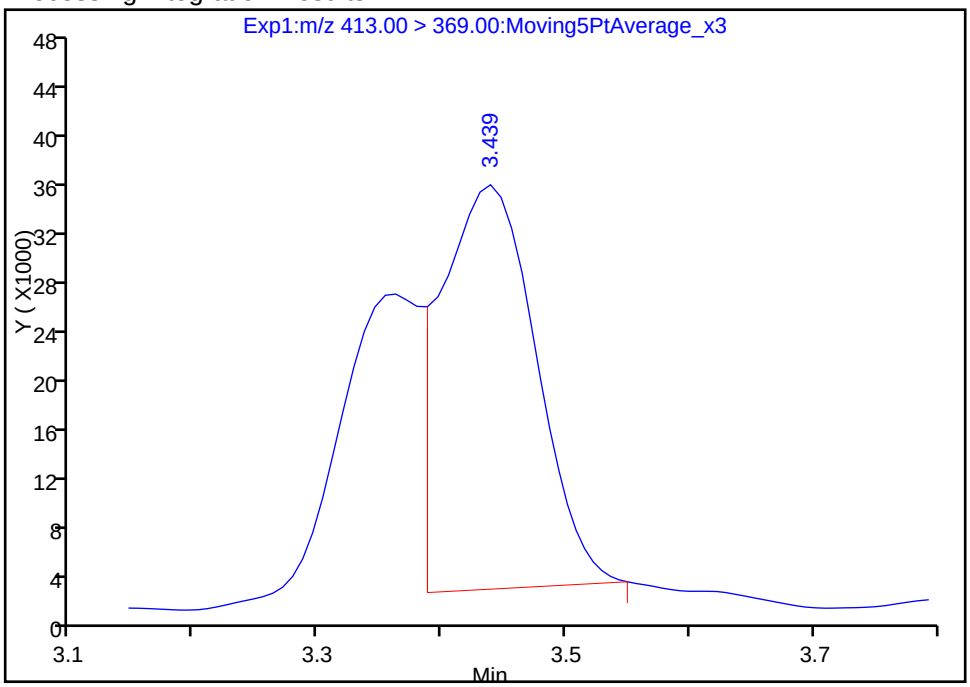
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_050.d				
Injection Date:	25-May-2017 23:31:39	Instrument ID:	A8_N		
Lims ID:	320-28275-A-9-A	Lab Sample ID:	320-28275-9		
Client ID:	MEAFF-T45C_2003-SB01-0204				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	13	Worklist Smp#:	15
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

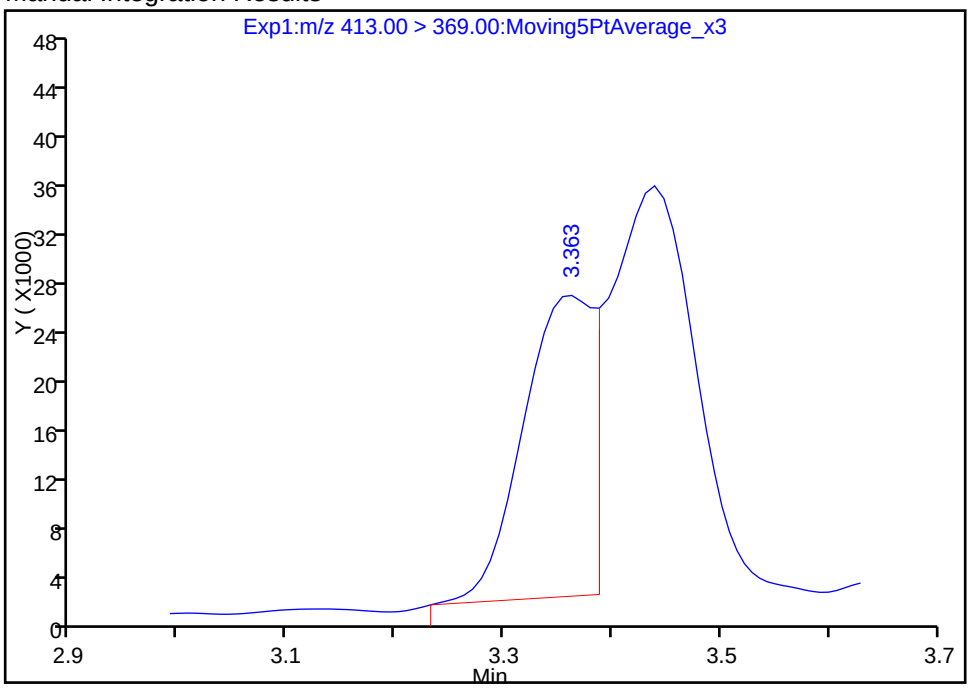
Processing Integration Results

RT: 3.44
Area: 169560
Amount: 0.860271
Amount Units: ng/ml



Manual Integration Results

RT: 3.36
Area: 109615
Amount: 0.556137
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:27:16

Audit Action: Manually Integrated Audit Reason: Isomers

Manual Integration/User Assign Peak Report

TestAmerica Sacramento

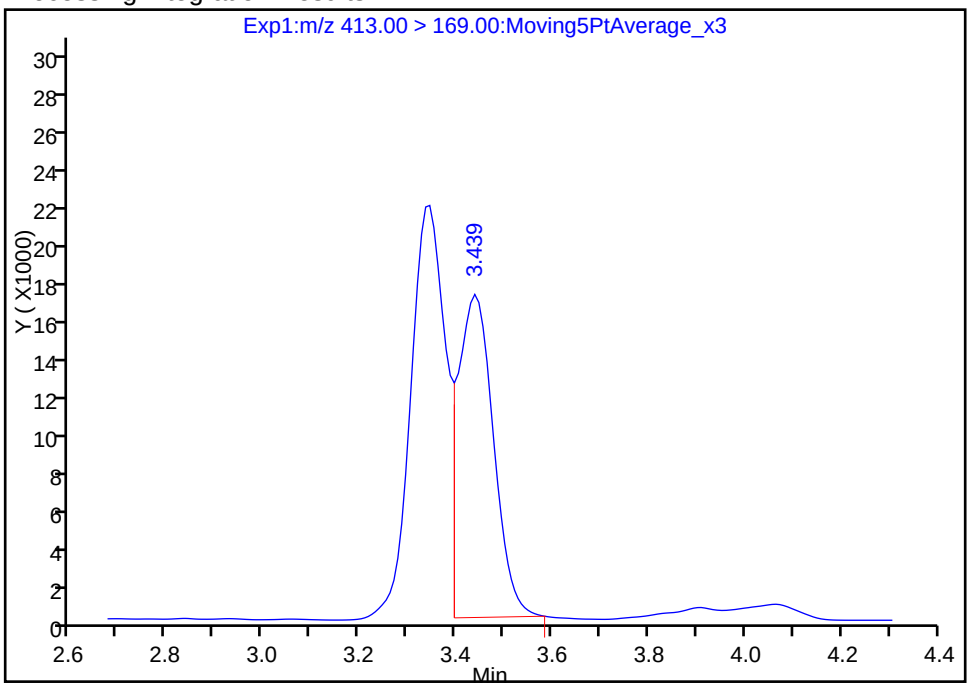
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_050.d				
Injection Date:	25-May-2017 23:31:39	Instrument ID:	A8_N		
Lims ID:	320-28275-A-9-A	Lab Sample ID:	320-28275-9		
Client ID:	MEAFF-T45C_2003-SB01-0204				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	13	Worklist Smp#:	15
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

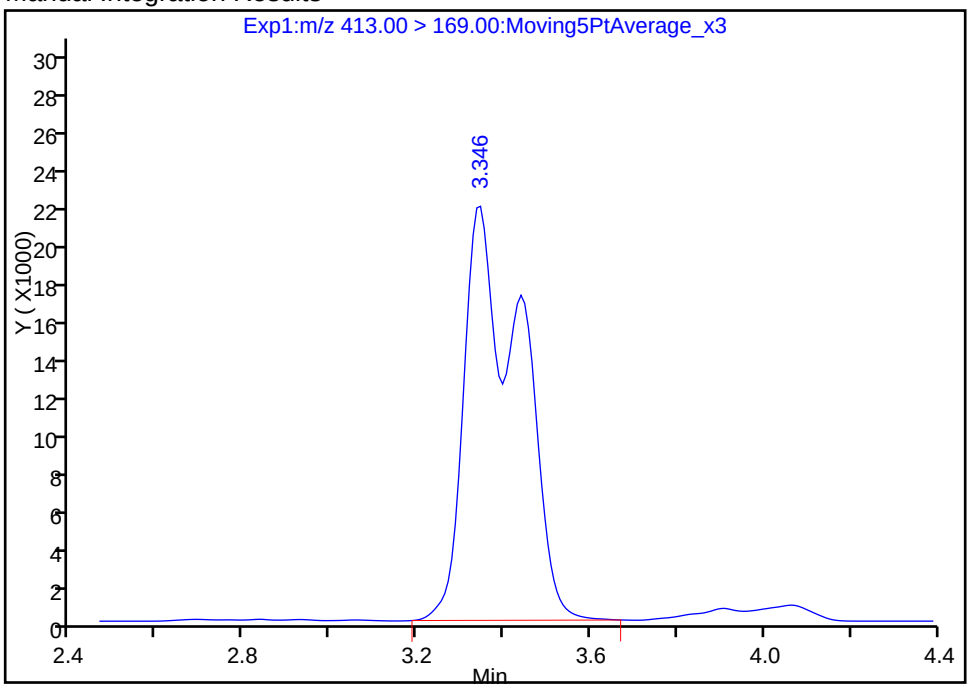
Processing Integration Results

RT: 3.44
Area: 84005
Amount: 0.860271
Amount Units: ng/ml



Manual Integration Results

RT: 3.35
Area: 195482
Amount: 0.556137
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:27:19

Audit Action: Manually Integrated Audit Reason: Isomers

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: DPTTankBlank-051117
Lab Sample ID: 320-28275-10
Matrix: Water
Lab File ID: 2017.05.18D_005.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 11:00
Extraction Method: 3535
Date Extracted: 05/17/2017 14:18
Sample wt/vol: 312.3(mL)
Date Analyzed: 05/19/2017 07:14
Con. Extract Vol.: 0.50(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 165301
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	1.6	U	2.0	1.6	0.60
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	2.4	U	3.2	2.4	1.0
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.6	U	2.0	1.6	0.73

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	77		25-150
STL00991	13C4 PFOS	113		25-150
STL00994	18O2 PFHxS	111		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_005.d
Lims ID: 320-28275-A-10-A
Client ID: DPTTankBlank-051117
Sample Type: Client
Inject. Date: 19-May-2017 07:14:09 ALS Bottle#: 17 Worklist Smp#: 5
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-10-a
Misc. Info.: Plate: 1 Rack: 3
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 14:09:14 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK011

First Level Reviewer: chandrasenas Date: 19-May-2017 13:55:50

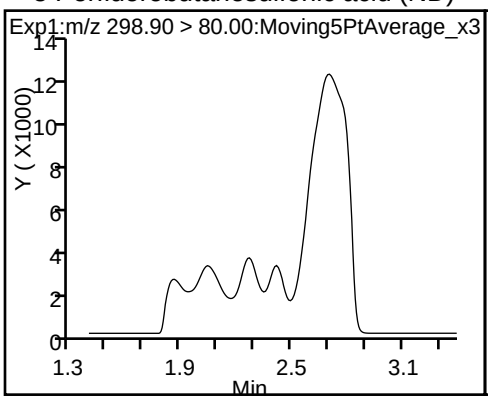
Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 11 18O2 PFHxS										
403.00 > 84.00	3.166	3.138	0.028		15998158	52.5		111	270533	
* 62 13C2-PFOA										
415.00 > 370.00	3.552	3.524	0.028		4892	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.552	3.531	0.021		8146113	38.3		76.6	45587	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.552	3.531	0.021	1.000	24561	0.1312			3.2	
413.00 > 169.00	3.552	3.531	0.021	1.000	11575		2.12(0.90-1.10)		32.4	
D 18 13C4 PFOS										
503.00 > 80.00	3.916	3.890	0.026		12389863	54.0		113	34808	

Report Date: 19-May-2017 14:09:23 Chrom Revision: 2.2 25-Apr-2017 13:27:22

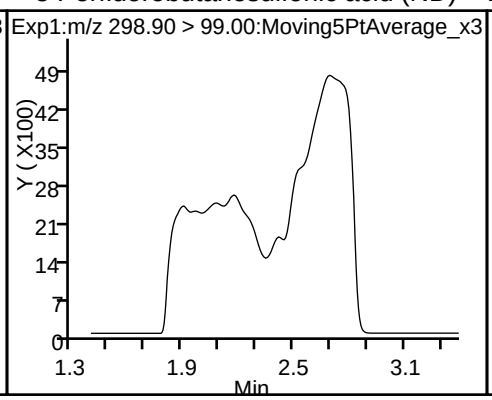
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_005.d				
Injection Date:	19-May-2017 07:14:09	Instrument ID:	A8_N		
Lims ID:	320-28275-A-10-A	Lab Sample ID:	320-28275-10		
Client ID:	DPTTankBlank-051117				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	17	Worklist Smp#:	5
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

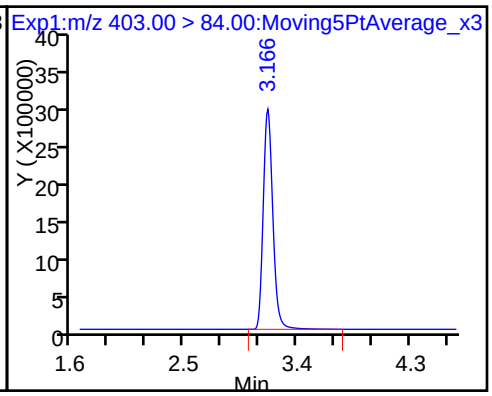
5 Perfluorobutanesulfonic acid (ND)



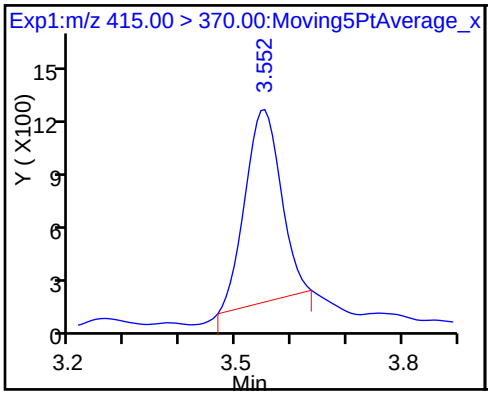
5 Perfluorobutanesulfonic acid (ND)



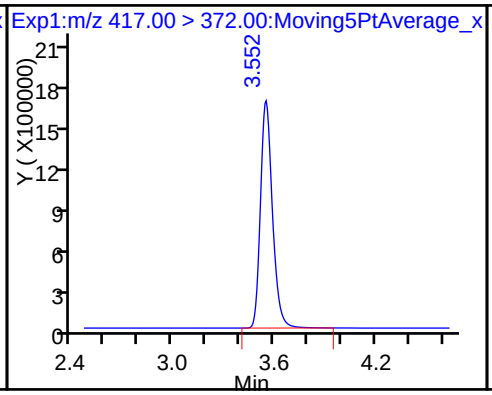
D 11 18O2 PFHxS



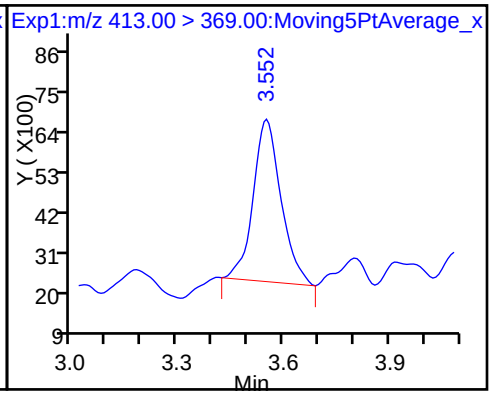
* 62 13C2-PFOA



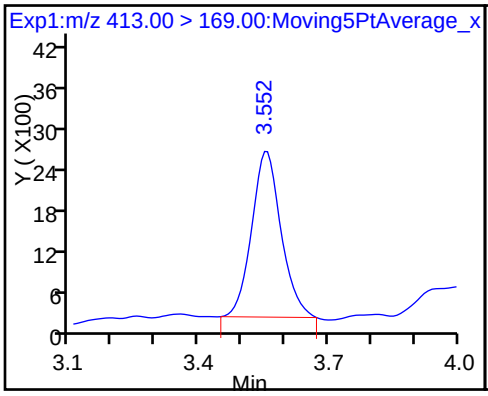
D 14 13C4 PFOA



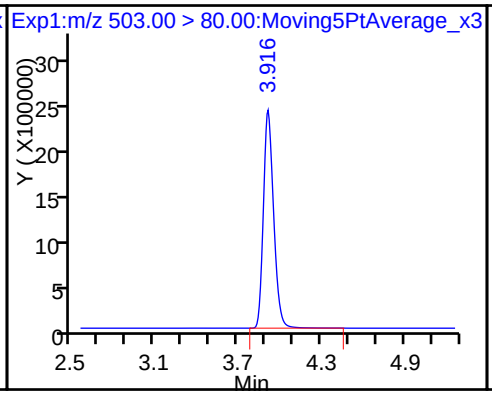
15 Perfluorooctanoic acid



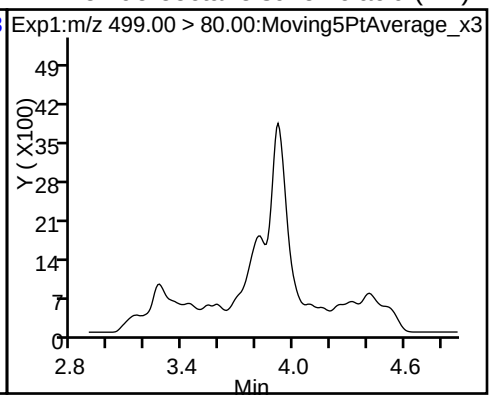
15 Perfluorooctanoic acid



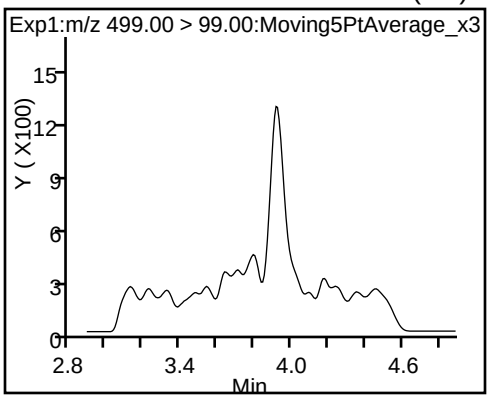
D 18 13C4 PFOS



17 Perfluorooctane sulfonic acid (ND)



17 Perfluorooctane sulfonic acid (ND)



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: PressWashBlank-051117
Lab Sample ID: 320-28275-11
Matrix: Water
Lab File ID: 2017.05.18D_006.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 11:05
Extraction Method: 3535
Date Extracted: 05/17/2017 14:18
Sample wt/vol: 285.5(mL)
Date Analyzed: 05/19/2017 07:21
Con. Extract Vol.: 0.50(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 165301
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	1.8	U	2.2	1.8	0.65
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	2.6	U	3.5	2.6	1.1
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.8	U	2.2	1.8	0.80

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	80		25-150
STL00991	13C4 PFOS	115		25-150
STL00994	18O2 PFHxS	111		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_006.d
Lims ID: 320-28275-A-11-A
Client ID: PressWashBlank-051117
Sample Type: Client
Inject. Date: 19-May-2017 07:21:39 ALS Bottle#: 18 Worklist Smp#: 6
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-11-a
Misc. Info.: Plate: 1 Rack: 3
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 14:09:14 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK011

First Level Reviewer: chandrasenas Date: 19-May-2017 13:56:06

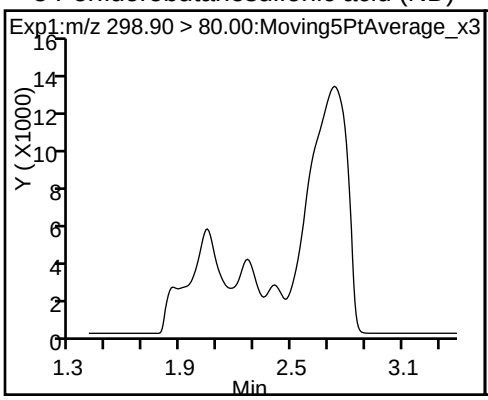
Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 11 18O2 PFHxS										
403.00 > 84.00	3.152	3.138	0.014		15970353	52.5		111	296517	
* 62 13C2-PFOA										
415.00 > 370.00	3.539	3.524	0.015		4917	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.539	3.531	0.008		8547813	40.2		80.3	37337	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.532	3.531	0.001	1.000	27292	0.1389			2.9	
413.00 > 169.00	3.546	3.531	0.015	1.004	10493		2.60(0.90-1.10)		27.0	
D 18 13C4 PFOS										
503.00 > 80.00	3.909	3.890	0.019		12562840	54.8		115	13385	

Report Date: 19-May-2017 14:09:25 Chrom Revision: 2.2 25-Apr-2017 13:27:22

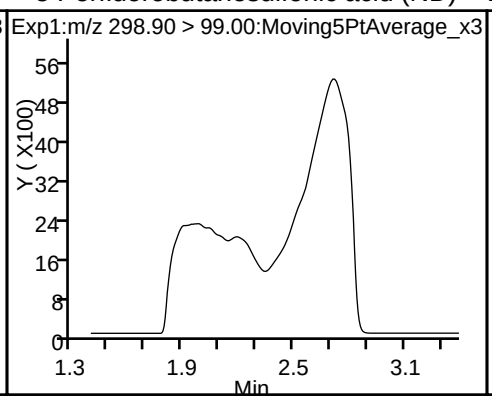
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_006.d				
Injection Date:	19-May-2017 07:21:39	Instrument ID:	A8_N		
Lims ID:	320-28275-A-11-A	Lab Sample ID:	320-28275-11		
Client ID:	PressWashBlank-051117				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	18	Worklist Smp#:	6
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

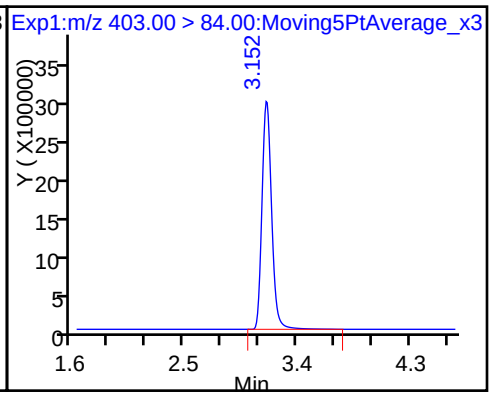
5 Perfluorobutanesulfonic acid (ND)



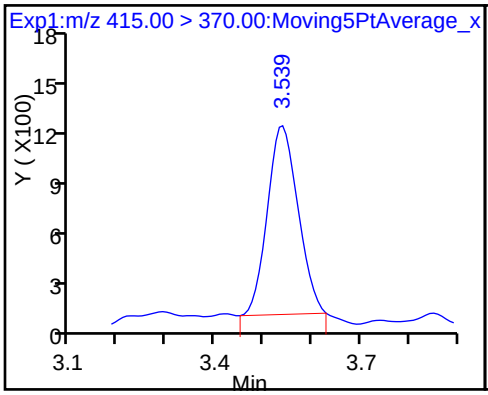
5 Perfluorobutanesulfonic acid (ND)



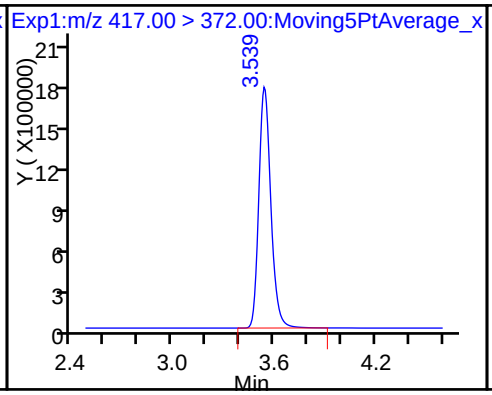
D 11 18O2 PFHxS



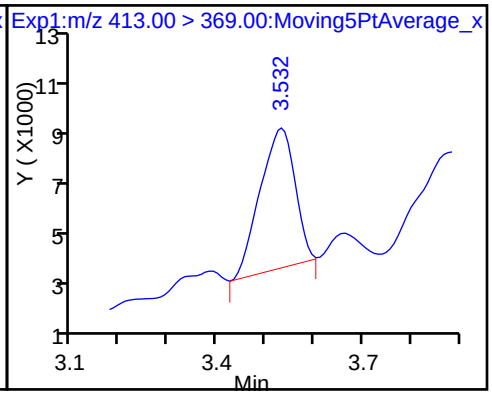
* 62 13C2-PFOA



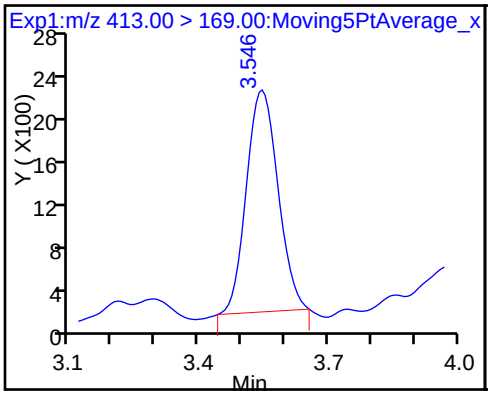
D 14 13C4 PFOA



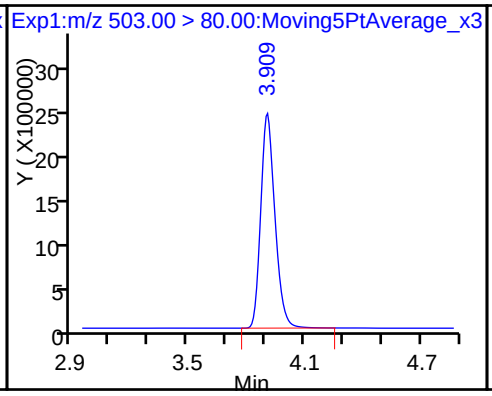
15 Perfluorooctanoic acid



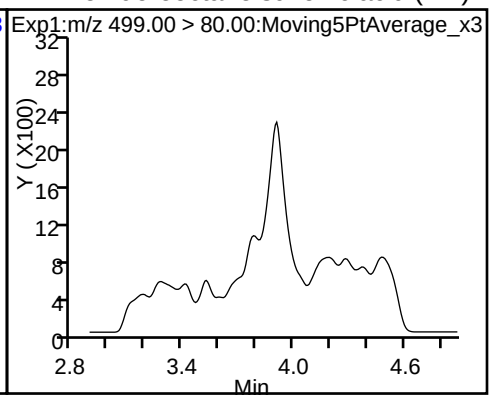
15 Perfluorooctanoic acid



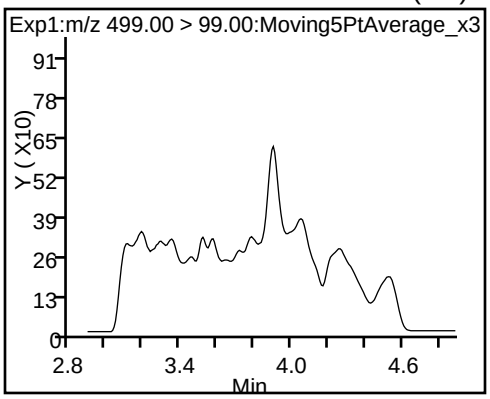
D 18 13C4 PFOS



17 Perfluorooctane sulfonic acid (ND)



17 Perfluorooctane sulfonic acid (ND)



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-EB03-051117
Lab Sample ID: 320-28275-12
Matrix: Water
Lab File ID: 2017.05.18D_007.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 11:10
Extraction Method: 3535
Date Extracted: 05/17/2017 14:18
Sample wt/vol: 280.8(mL)
Date Analyzed: 05/19/2017 07:29
Con. Extract Vol.: 0.50(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 165301
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	1.8	U	2.2	1.8	0.67
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	2.7	U	3.6	2.7	1.1
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.8	U	2.2	1.8	0.82

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	121		25-150
STL00991	13C4 PFOS	112		25-150
STL00994	18O2 PFHxS	106		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_007.d
Lims ID: 320-28275-B-12-A
Client ID: MEAFF-EB03-051117
Sample Type: Client
Inject. Date: 19-May-2017 07:29:09 ALS Bottle#: 19 Worklist Smp#: 7
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-b-12-a
Misc. Info.: Plate: 1 Rack: 3
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 14:09:14 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK011

First Level Reviewer: chandrasenas Date: 19-May-2017 13:56:18

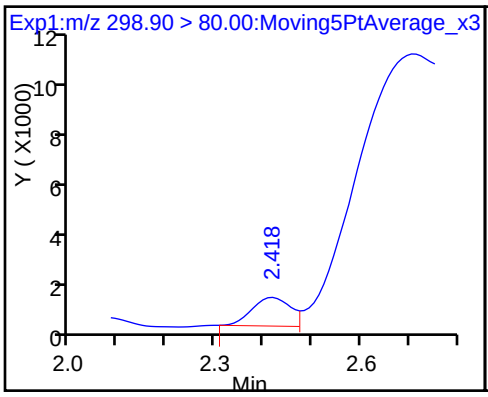
Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.418	2.398	0.020	1.000	6353	0.0123				
298.90 > 99.00	2.408	2.398	0.010	0.996	2034		3.12(0.00-0.00)			
D 11 18O2 PFHxS										
403.00 > 84.00	3.154	3.138	0.016		15302198	50.3		106	258950	
* 62 13C2-PFOA										
415.00 > 370.00	3.541	3.524	0.017		9115	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.541	3.531	0.010		12868606	60.5		121	48783	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.534	3.531	0.003	1.000	46112	0.1559			4.5	
413.00 > 169.00	3.541	3.531	0.010	1.002	12325		3.74(0.90-1.10)		46.5	
D 18 13C4 PFOS										
503.00 > 80.00	3.904	3.890	0.014		12250889	53.4		112	33001	

Report Date: 19-May-2017 14:09:26 Chrom Revision: 2.2 25-Apr-2017 13:27:22

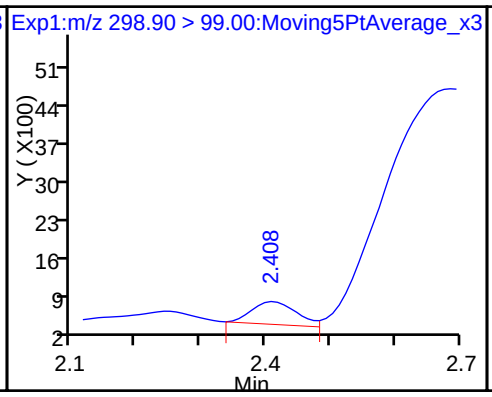
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_007.d				
Injection Date:	19-May-2017 07:29:09	Instrument ID:	A8_N		
Lims ID:	320-28275-B-12-A	Lab Sample ID:	320-28275-12		
Client ID:	MEAFF-EB03-051117				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	19	Worklist Smp#:	7
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

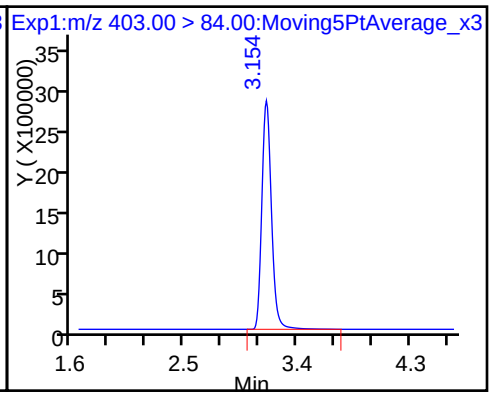
5 Perfluorobutanesulfonic acid



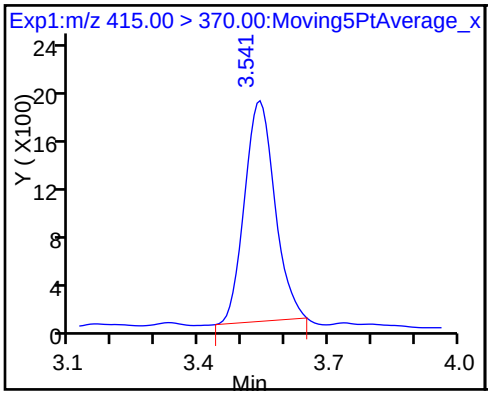
5 Perfluorobutanesulfonic acid



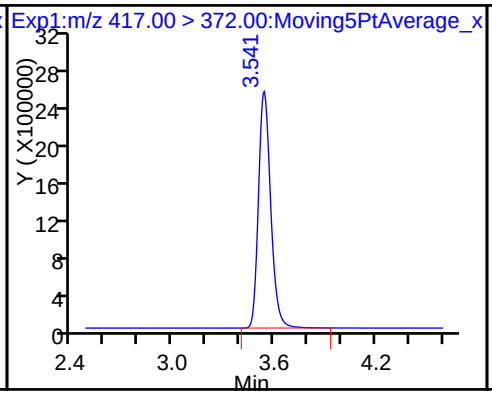
D 11 18O2 PFHxS



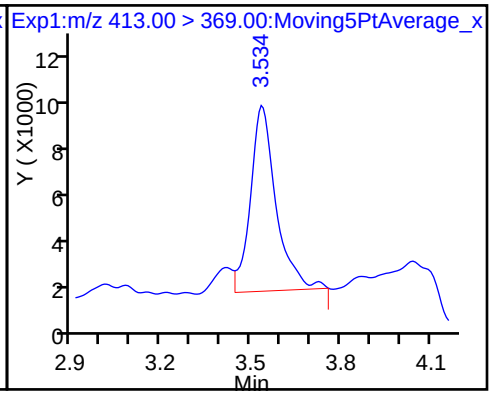
* 62 13C2-PFOA



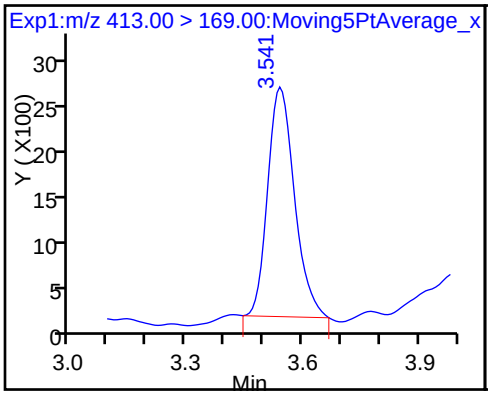
D 14 13C4 PFOA



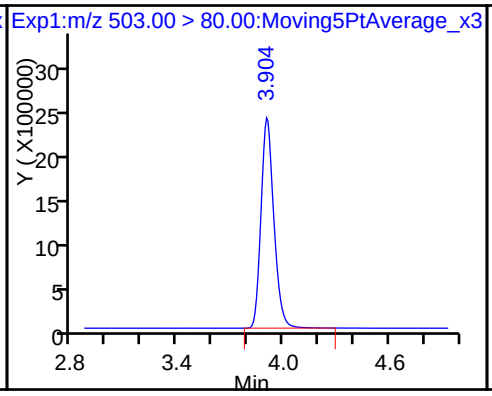
15 Perfluorooctanoic acid



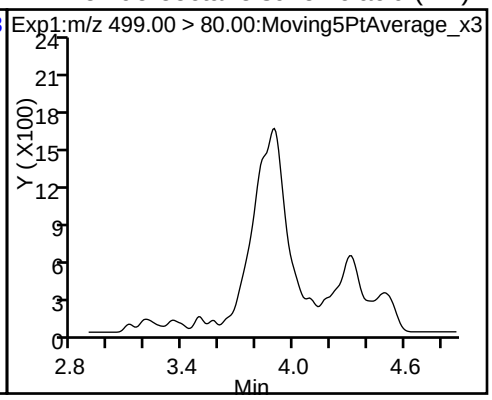
15 Perfluorooctanoic acid



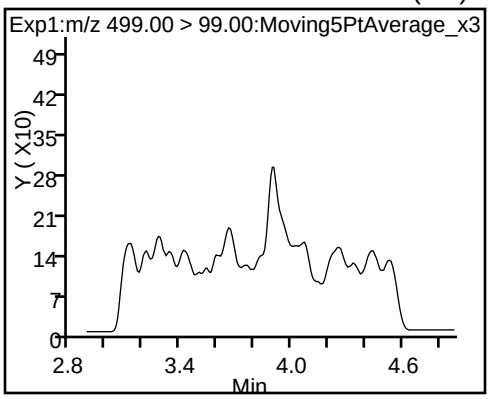
D 18 13C4 PFOS



17 Perfluorooctane sulfonic acid (ND)



17 Perfluorooctane sulfonic acid (ND)



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-EB04-051117
Lab Sample ID: 320-28275-13
Matrix: Water
Lab File ID: 2017.05.18D_008.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 16:05
Extraction Method: 3535
Date Extracted: 05/17/2017 14:18
Sample wt/vol: 271.1(mL)
Date Analyzed: 05/19/2017 07:36
Con. Extract Vol.: 0.50(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 165301
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	1.8	U	2.3	1.8	0.69
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.6	J M	3.7	2.8	1.2
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.8	U	2.3	1.8	0.85

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	125		25-150
STL00991	13C4 PFOS	110		25-150
STL00994	18O2 PFHxS	108		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_008.d
Lims ID: 320-28275-A-13-A
Client ID: MEAFF-EB04-051117
Sample Type: Client
Inject. Date: 19-May-2017 07:36:39 ALS Bottle#: 20 Worklist Smp#: 8
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-13-a
Misc. Info.: Plate: 1 Rack: 3
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 14:09:14 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK011

First Level Reviewer: chandrasenas Date: 19-May-2017 13:57:23

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.396	2.398	-0.002	1.000	7898	0.0150				
298.90 > 99.00	2.407	2.398	0.008	1.004	1541		5.13(0.00-0.00)			
D 11 18O2 PFHxS										
403.00 > 84.00	3.131	3.138	-0.007		15579777	51.2		108	60524	
* 62 13C2-PFOA										
415.00 > 370.00	3.515	3.524	-0.009		8073	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.521	3.531	-0.010		13260510	62.3		125	53983	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.521	3.531	-0.010	1.000	27529	0.0903			3.2	
413.00 > 169.00	3.521	3.531	-0.010	1.000	13539		2.03(0.90-1.10)		58.2	
D 18 13C4 PFOS										
503.00 > 80.00	3.888	3.890	-0.002		12067667	52.6		110	36511	
17 Perfluorooctane sulfonic acid										M
499.00 > 80.00	3.888	3.890	-0.002	1.000	254009	0.8437			783	M
499.00 > 99.00	3.888	3.890	-0.002	1.000	58316		4.36(0.90-1.10)		250	

QC Flag Legend

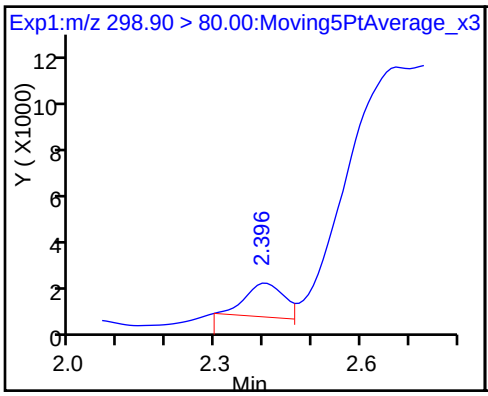
Review Flags
M - Manually Integrated

Report Date: 19-May-2017 14:09:28 Chrom Revision: 2.2 25-Apr-2017 13:27:22

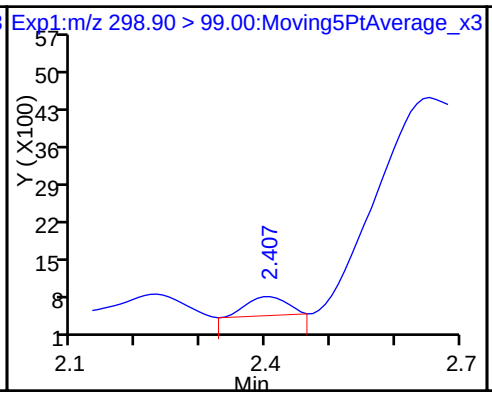
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_008.d				
Injection Date:	19-May-2017 07:36:39	Instrument ID:	A8_N		
Lims ID:	320-28275-A-13-A	Lab Sample ID:	320-28275-13		
Client ID:	MEAFF-EB04-051117				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	20	Worklist Smp#:	8
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

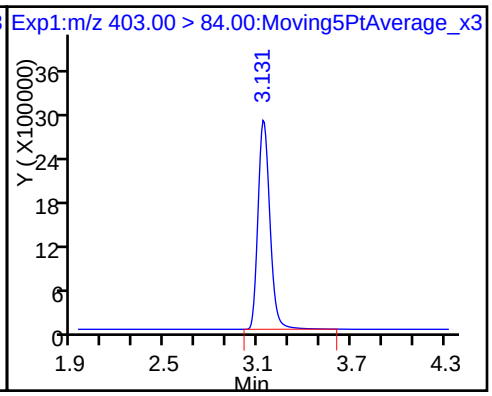
5 Perfluorobutanesulfonic acid



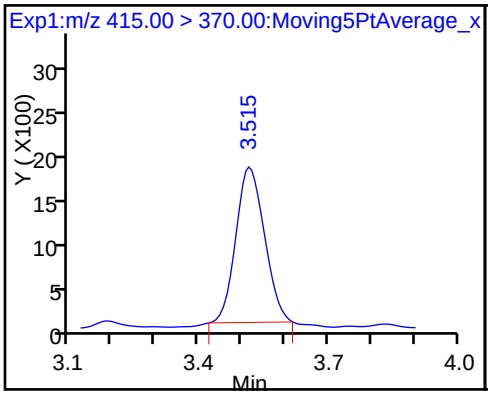
5 Perfluorobutanesulfonic acid



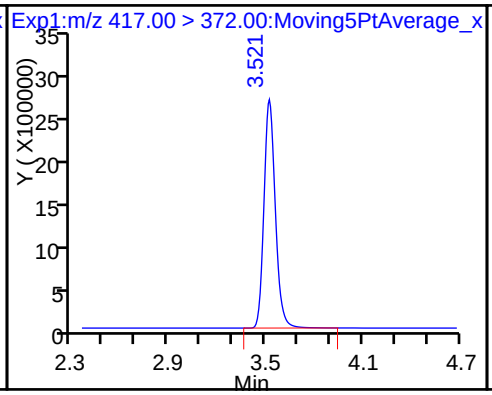
D 11 18O2 PFHxS



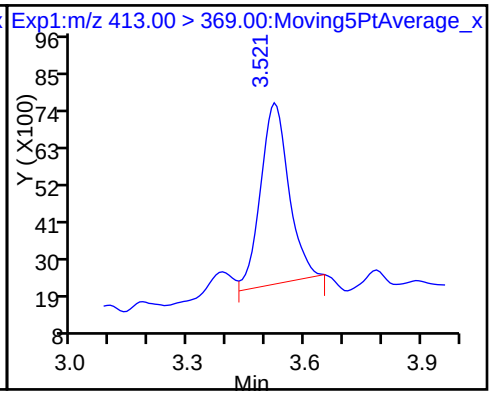
* 62 13C2-PFOA



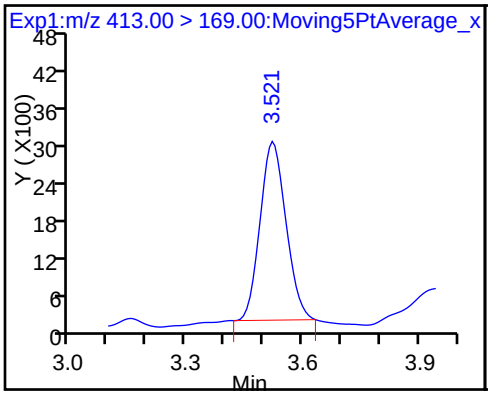
D 14 13C4 PFOA



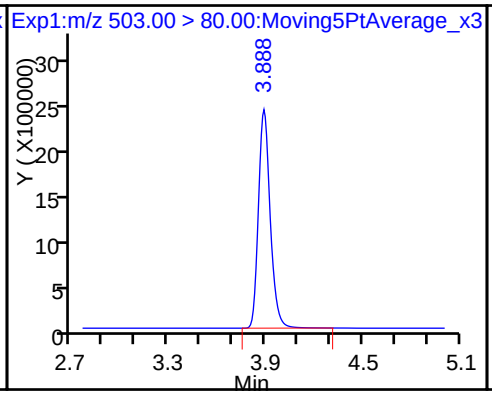
15 Perfluorooctanoic acid



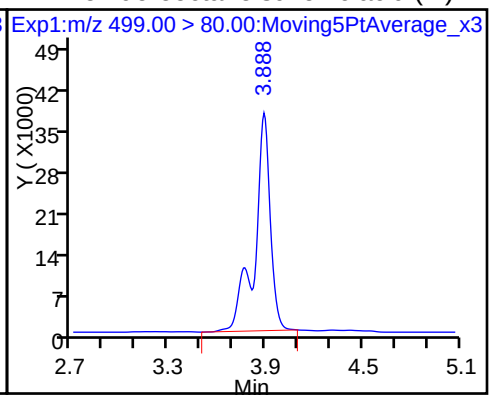
15 Perfluorooctanoic acid



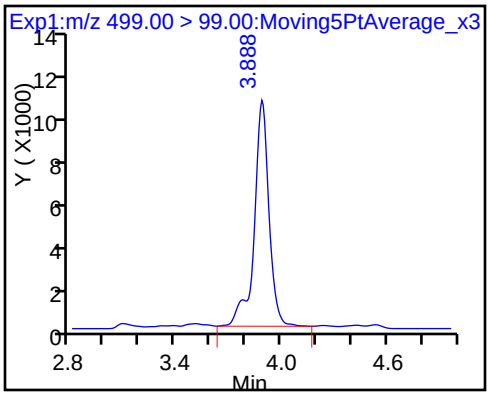
D 18 13C4 PFOS



17 Perfluorooctane sulfonic acid (M)



17 Perfluorooctane sulfonic acid



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

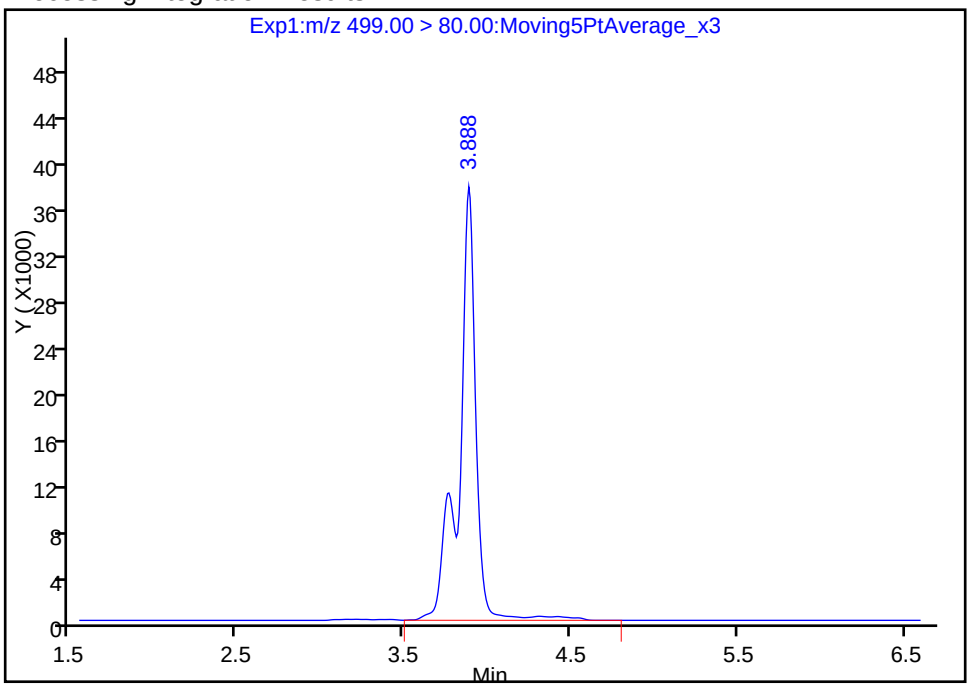
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_008.d				
Injection Date:	19-May-2017 07:36:39	Instrument ID:	A8_N		
Lims ID:	320-28275-A-13-A	Lab Sample ID:	320-28275-13		
Client ID:	MEAFF-EB04-051117				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	20	Worklist Smp#:	8
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

17 Perfluorooctane sulfonic acid, CAS: 1763-23-1

Signal: 1

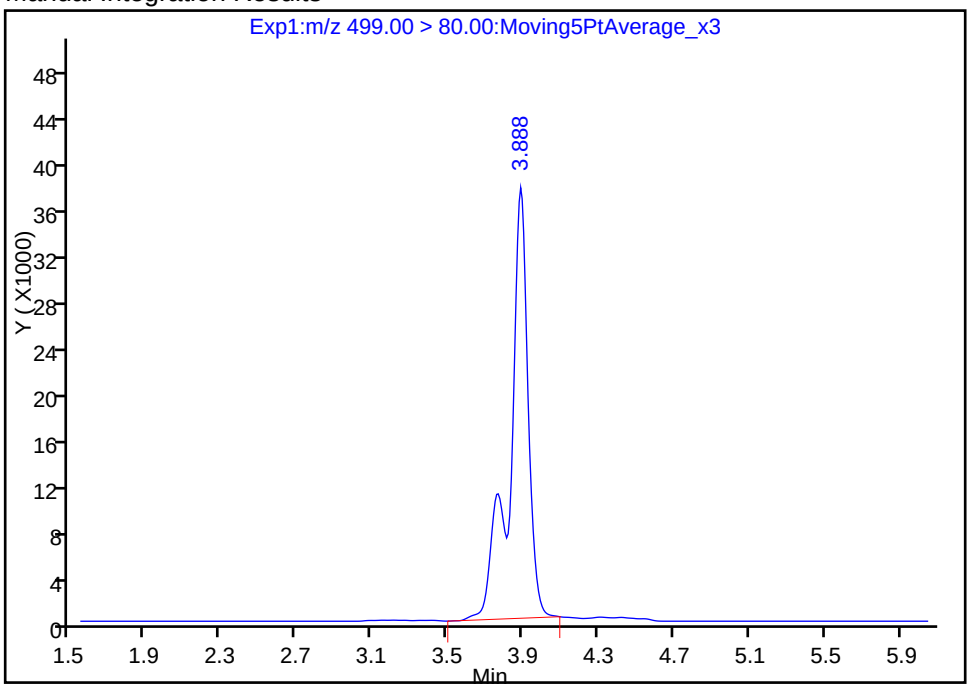
Processing Integration Results

RT: 3.89
Area: 269295
Amount: 0.894478
Amount Units: ng/ml



Manual Integration Results

RT: 3.89
Area: 254009
Amount: 0.843705
Amount Units: ng/ml



Reviewer: chandrasenas, 19-May-2017 13:57:16

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-Unknown6-SB01-0001
Lab Sample ID: 320-28275-14
Matrix: Solid
Lab File ID: 2017.05.25C_051.d
Analysis Method: 537 (Modified)
Date Collected: 05/12/2017 12:05
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.07(g)
Date Analyzed: 05/25/2017 23:39
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 15.3
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.43	J M	0.58	0.35	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.6	M	0.58	0.35	0.15
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.35	U M	0.47	0.35	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	84		25-150
STL00991	13C4 PFOS	56		25-150
STL00994	18O2 PFHxS	70		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_051.d
Lims ID: 320-28275-A-14-A
Client ID: MEAFF-Unknown6-SB01-0001
Sample Type: Client
Inject. Date: 25-May-2017 23:39:10 ALS Bottle#: 14 Worklist Smp#: 16
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-14-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:41 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:27:54

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.328	2.328	0.0	1.000	26949	0.0752				
298.90 > 99.00	2.318	2.328	-0.010	0.996	9567		2.82(0.00-0.00)			M
D 11 18O2 PFHxS										
403.00 > 84.00	3.059	3.056	0.003		10713758	33.3		70.3	48398	
* 62 13C2-PFOA										
415.00 > 370.00	3.435	3.445	-0.010		6367	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.444	3.445	-0.001		9561873	42.1		84.3	49655	
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.444	3.453	-0.009	1.000	394613	1.84			61.5	
413.00 > 169.00	3.444	3.453	-0.009	1.000	233691		1.69(0.90-1.10)		776	M
17 Perfluorooctane sulfonic acid										M
499.00 > 80.00	3.779	3.773	0.006	1.000	1076831	6.87			1470	
499.00 > 99.00	3.815	3.773	0.042	1.009	216557		4.97(0.90-1.10)		566	M
D 18 13C4 PFOS										
503.00 > 80.00	3.815	3.818	-0.003		6316190	26.9		56.3	16268	

QC Flag Legend

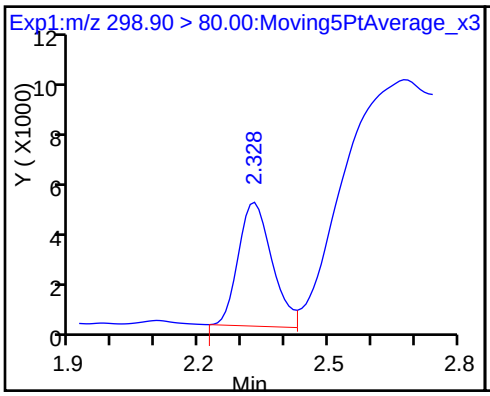
Review Flags
M - Manually Integrated

Report Date: 26-May-2017 14:32:51 Chrom Revision: 2.2 25-May-2017 18:29:58

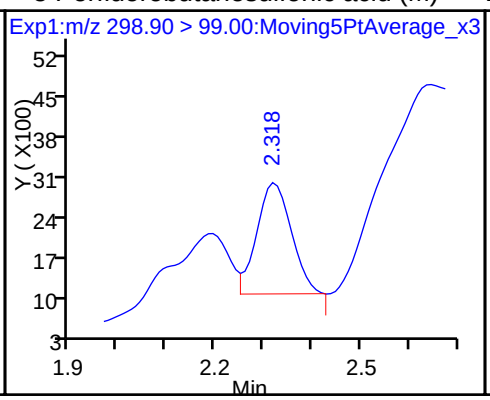
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_051.d				
Injection Date:	25-May-2017 23:39:10	Instrument ID:	A8_N		
Lims ID:	320-28275-A-14-A	Lab Sample ID:	320-28275-14		
Client ID:	MEAFF-Unknown6-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	14	Worklist Smp#:	16
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

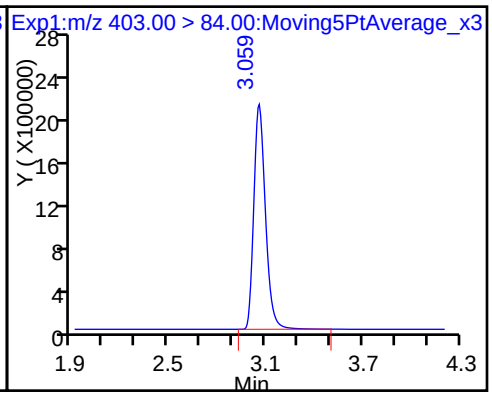
5 Perfluorobutanesulfonic acid



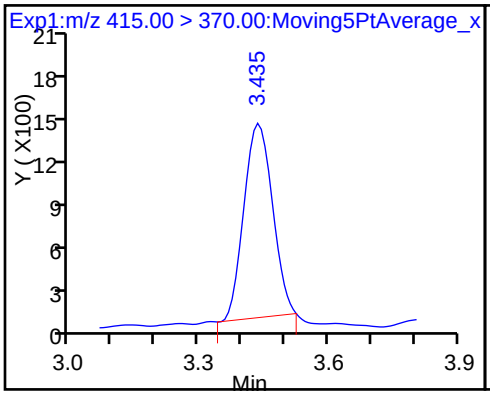
5 Perfluorobutanesulfonic acid (M)



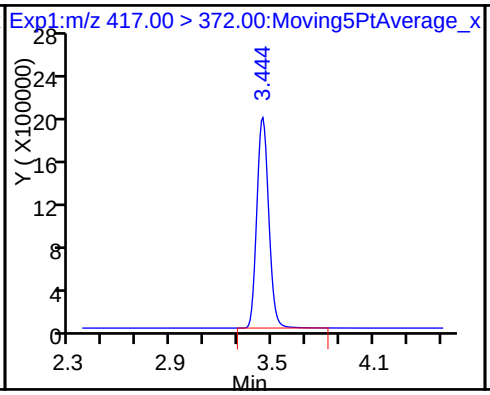
D 11 18O2 PFHxS



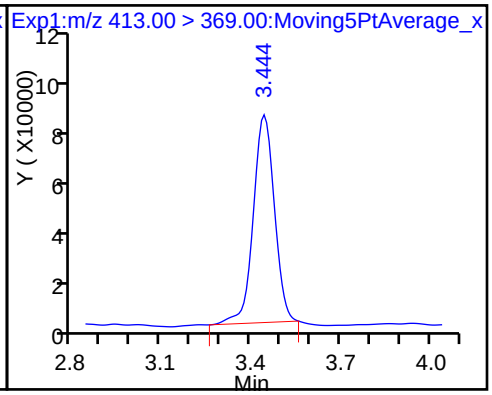
* 62 13C2-PFOA



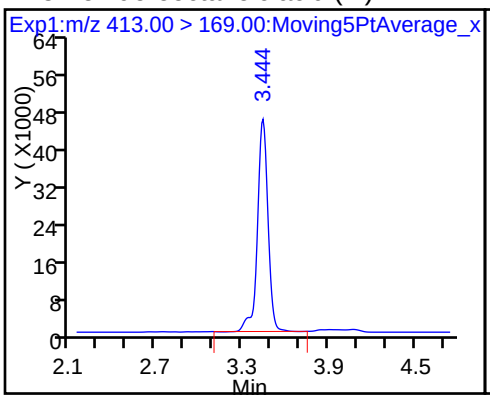
D 14 13C4 PFOA



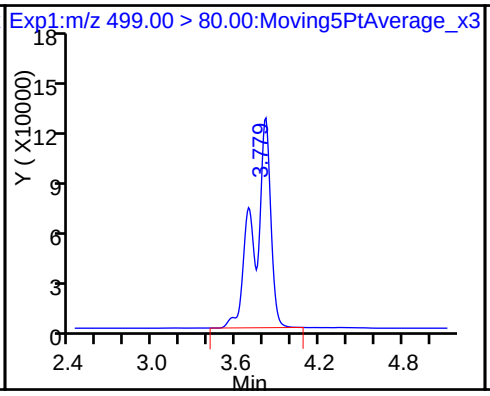
15 Perfluorooctanoic acid



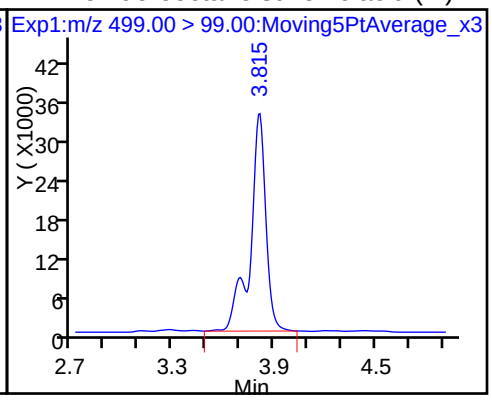
15 Perfluorooctanoic acid (M)



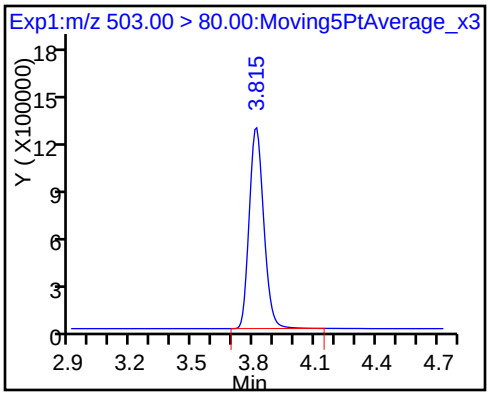
17 Perfluorooctane sulfonic acid



17 Perfluorooctane sulfonic acid (M)



D 18 13C4 PFOS



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

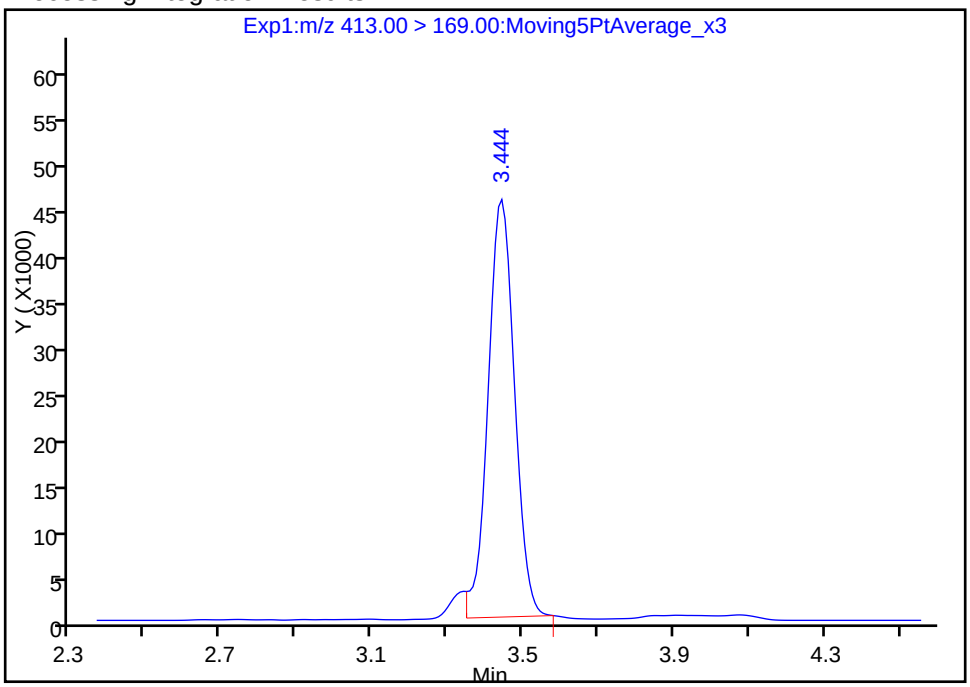
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_051.d				
Injection Date:	25-May-2017 23:39:10	Instrument ID:	A8_N		
Lims ID:	320-28275-A-14-A	Lab Sample ID:	320-28275-14		
Client ID:	MEAFF-Unknown6-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	14	Worklist Smp#:	16
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

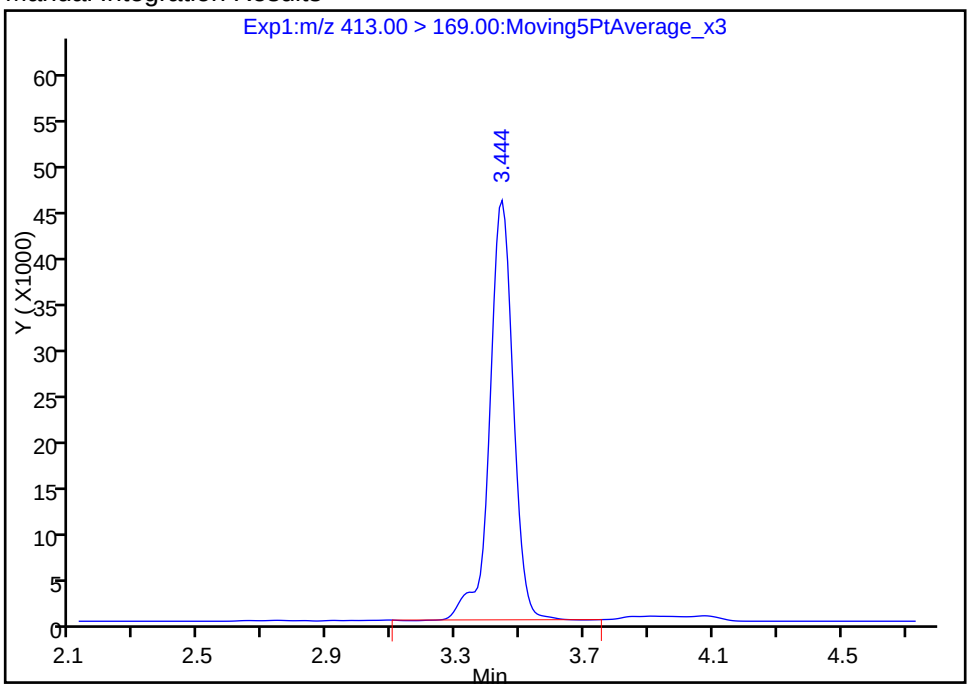
Processing Integration Results

RT: 3.44
Area: 221620
Amount: 1.837794
Amount Units: ng/ml



Manual Integration Results

RT: 3.44
Area: 233691
Amount: 1.837794
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:27:31

Audit Action: Manually Integrated Audit Reason: Isomers

Manual Integration/User Assign Peak Report

TestAmerica Sacramento

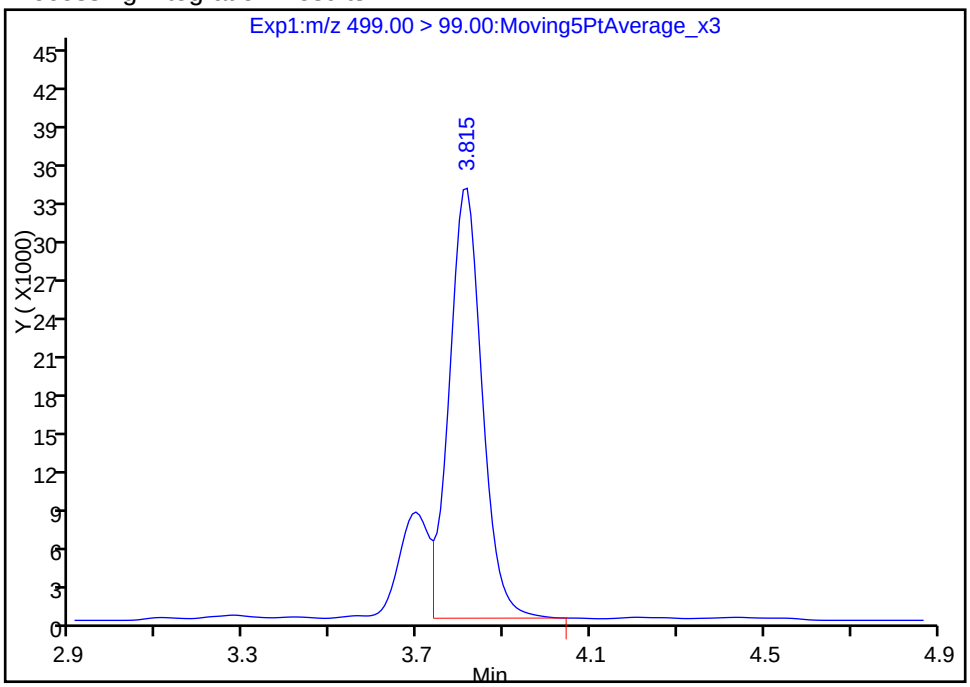
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_051.d				
Injection Date:	25-May-2017 23:39:10	Instrument ID:	A8_N		
Lims ID:	320-28275-A-14-A	Lab Sample ID:	320-28275-14		
Client ID:	MEAFF-Unknown6-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	14	Worklist Smp#:	16
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

17 Perfluorooctane sulfonic acid, CAS: 1763-23-1

Signal: 2

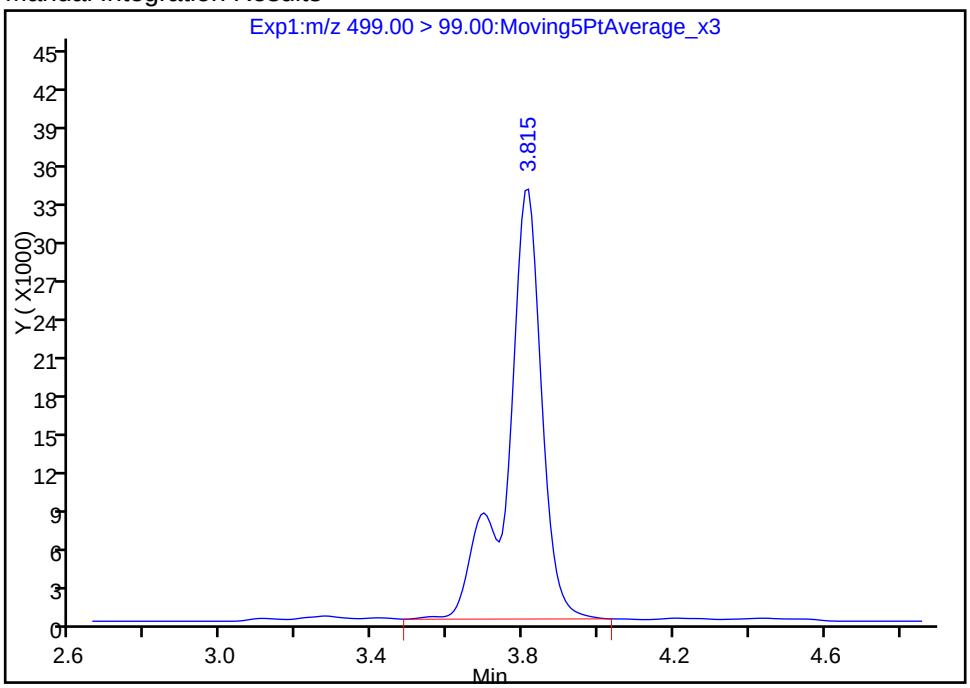
Processing Integration Results

RT: 3.81
Area: 176243
Amount: 6.867735
Amount Units: ng/ml



Manual Integration Results

RT: 3.81
Area: 216557
Amount: 6.867735
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:27:36

Audit Action: Manually Integrated Audit Reason: Isomers

Manual Integration/User Assign Peak Report

TestAmerica Sacramento

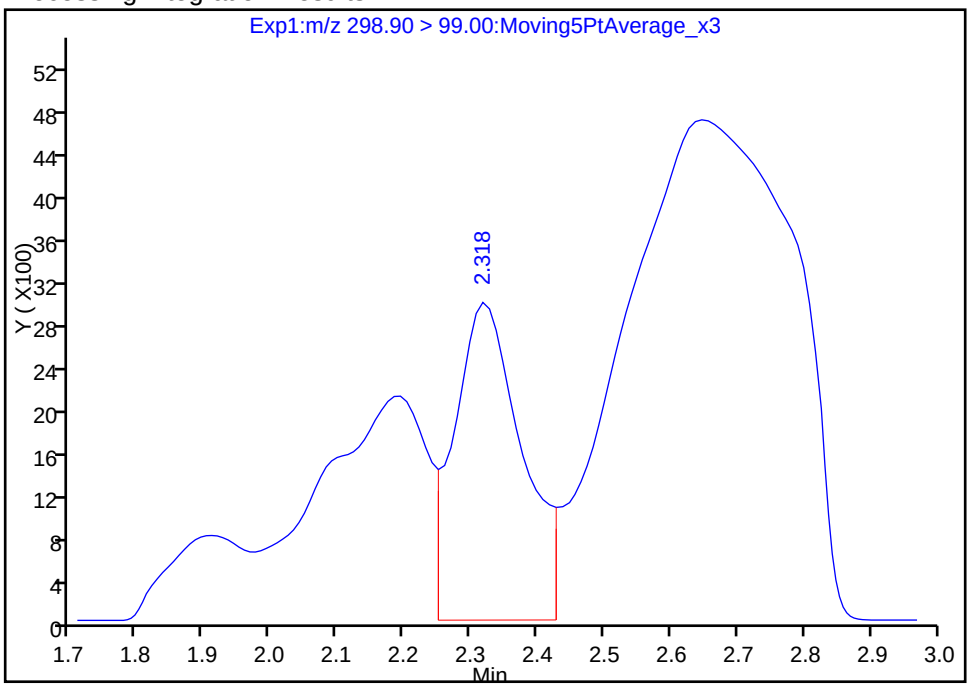
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_051.d				
Injection Date:	25-May-2017 23:39:10	Instrument ID:	A8_N		
Lims ID:	320-28275-A-14-A	Lab Sample ID:	320-28275-14		
Client ID:	MEAFF-Unknown6-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	14	Worklist Smp#:	16
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 2

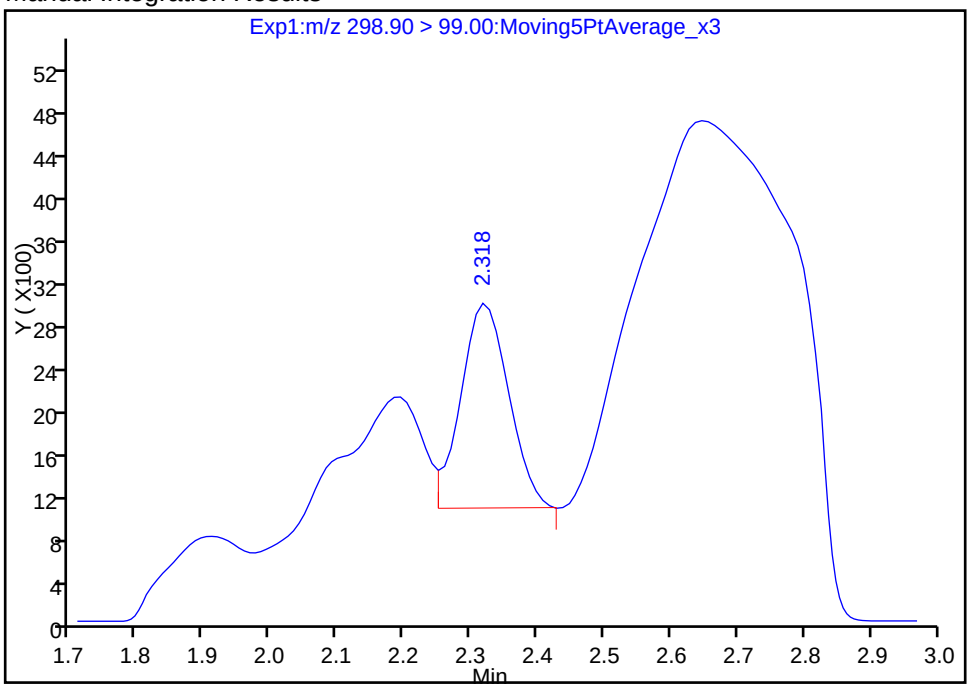
Processing Integration Results

RT: 2.32
Area: 20885
Amount: 0.075214
Amount Units: ng/ml



Manual Integration Results

RT: 2.32
Area: 9567
Amount: 0.075214
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:27:51

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 320-28275-1

SDG No.:

Client Sample ID: MEAFF-Unknown6-SB01-0204 | Lab Sample ID: 320-28275-15

Matrix: Solid | Lab File ID: 2017.05.25C_052.d

Analysis Method: 537 (Modified) | Date Collected: 05/12/2017 12:07

Extraction Method: SHAKE | Date Extracted: 05/18/2017 10:15

Sample wt/vol: 5.02(g) | Date Analyzed: 05/25/2017 23:46

Con. Extract Vol.: 1.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: 20.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 166365 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.38	U M	0.63	0.38	0.13
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.38	U	0.63	0.38	0.16
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.38	U M	0.50	0.38	0.13

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	117		25-150
STL00991	13C4 PFOS	77		25-150
STL00994	18O2 PFHxS	95		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_052.d
Lims ID: 320-28275-A-15-A
Client ID: MEAFF-Unknown6-SB01-0204
Sample Type: Client
Inject. Date: 25-May-2017 23:46:40 ALS Bottle#: 15 Worklist Smp#: 17
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-15-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:41 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:28:23

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.329	2.328	0.001	1.000	76045	0.1566				
298.90 > 99.00	2.329	2.328	0.001	1.000	31907		2.38(0.00-0.00)			M
D 11 18O2 PFHxS										
403.00 > 84.00	3.056	3.056	0.0		14520202	45.1		95.3	56339	
* 62 13C2-PFOA										
415.00 > 370.00	3.434	3.445	-0.011		8431	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.443	3.445	-0.002		13316570	58.7		117	41742	
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.434	3.453	-0.019	1.000	135155	0.4520			10.9	
413.00 > 169.00	3.443	3.453	-0.010	1.002	65873		2.05(0.90-1.10)		164	M
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.815	3.773	0.042	1.000	66110	0.3094			212	
499.00 > 99.00	3.815	3.773	0.042	1.000	13309		4.97(0.90-1.10)		28.6	
D 18 13C4 PFOS										
503.00 > 80.00	3.815	3.818	-0.003		8606418	36.7		76.7	26849	

QC Flag Legend

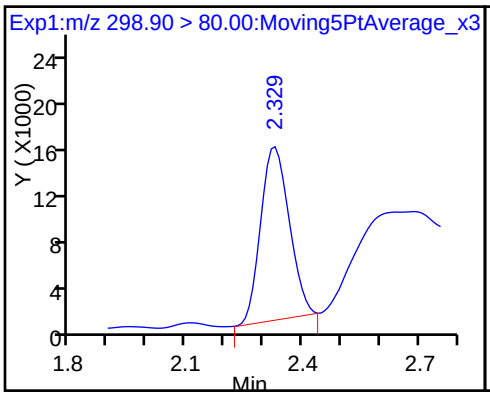
Review Flags
M - Manually Integrated

Report Date: 26-May-2017 14:32:53 Chrom Revision: 2.2 25-May-2017 18:29:58

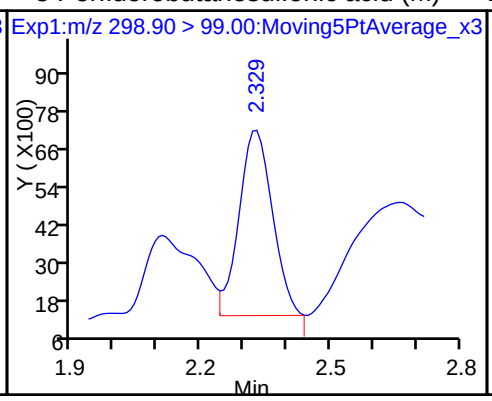
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_052.d				
Injection Date:	25-May-2017 23:46:40	Instrument ID:	A8_N		
Lims ID:	320-28275-A-15-A	Lab Sample ID:	320-28275-15		
Client ID:	MEAFF-Unknown6-SB01-0204				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	15	Worklist Smp#:	17
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

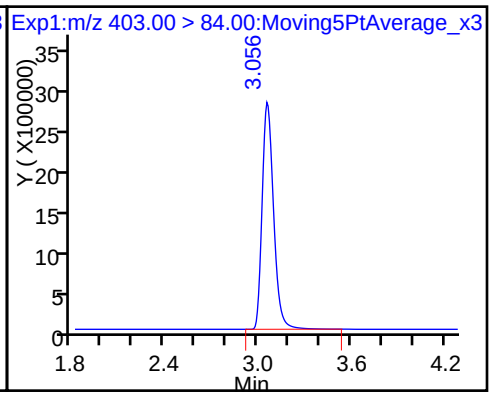
5 Perfluorobutanesulfonic acid



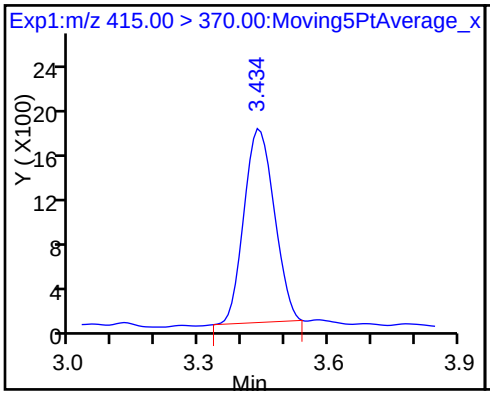
5 Perfluorobutanesulfonic acid (M)



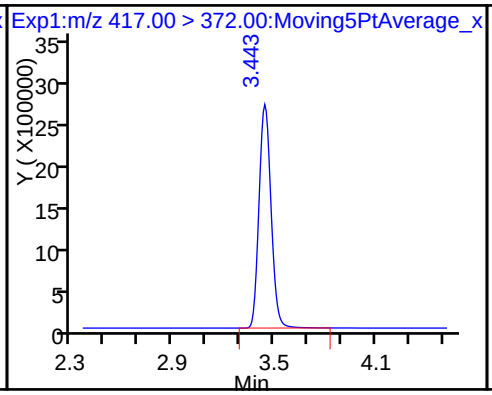
D 11 18O2 PFHxS



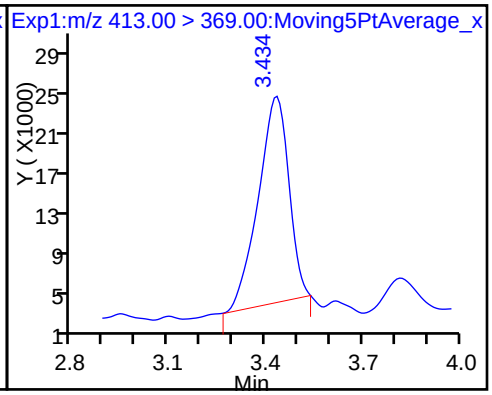
* 62 13C2-PFOA



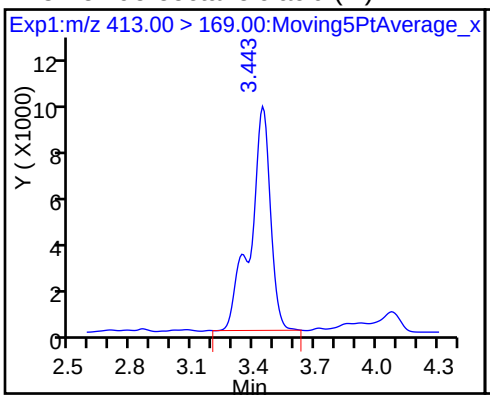
D 14 13C4 PFOA



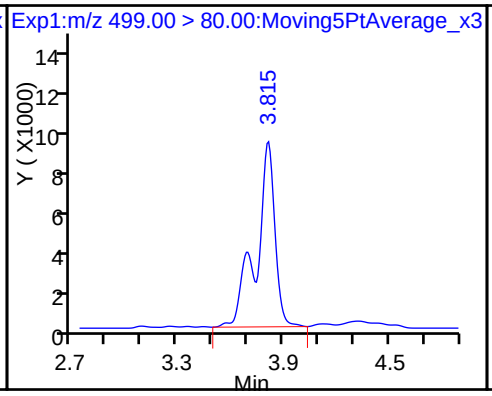
15 Perfluorooctanoic acid



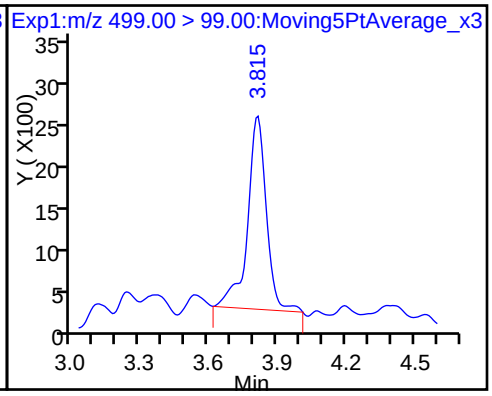
15 Perfluorooctanoic acid (M)



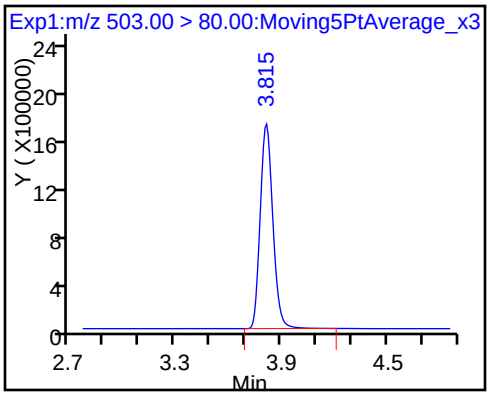
17 Perfluorooctane sulfonic acid



17 Perfluorooctane sulfonic acid



D 18 13C4 PFOS



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

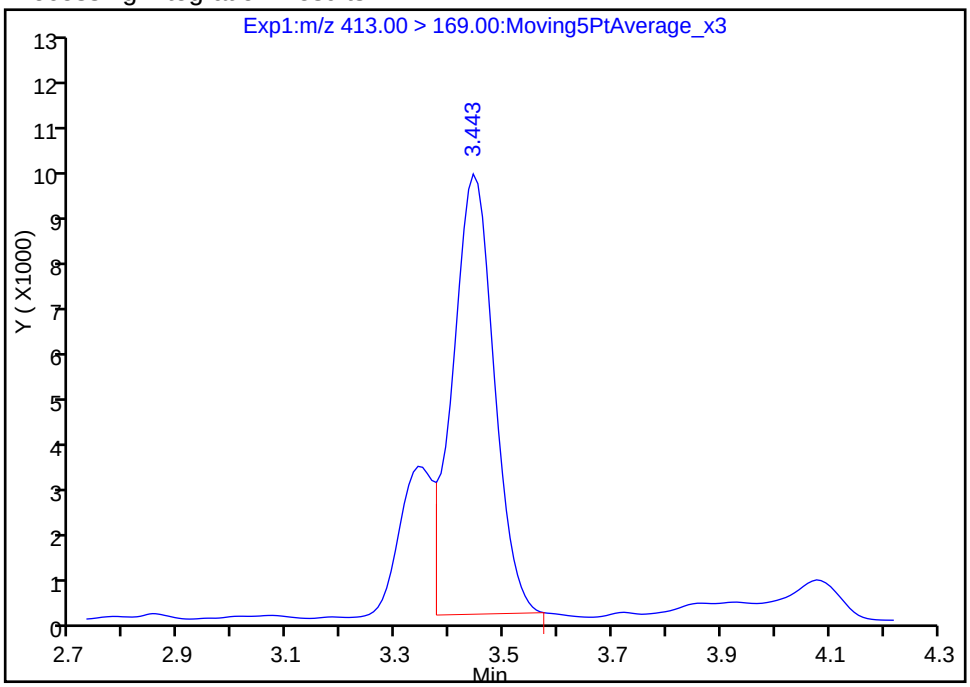
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_052.d				
Injection Date:	25-May-2017 23:46:40	Instrument ID:	A8_N		
Lims ID:	320-28275-A-15-A	Lab Sample ID:	320-28275-15		
Client ID:	MEAFF-Unknown6-SB01-0204				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	15	Worklist Smp#:	17
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

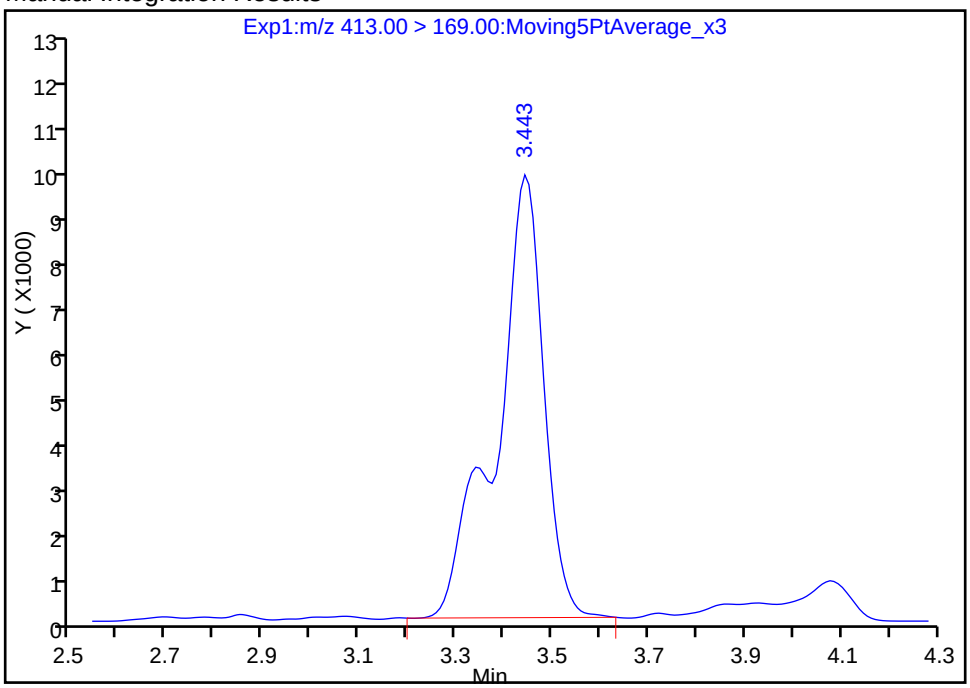
Processing Integration Results

RT: 3.44
Area: 50622
Amount: 0.451969
Amount Units: ng/ml



Manual Integration Results

RT: 3.44
Area: 65873
Amount: 0.451969
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:28:16

Audit Action: Manually Integrated Audit Reason: Isomers

Manual Integration/User Assign Peak Report

TestAmerica Sacramento

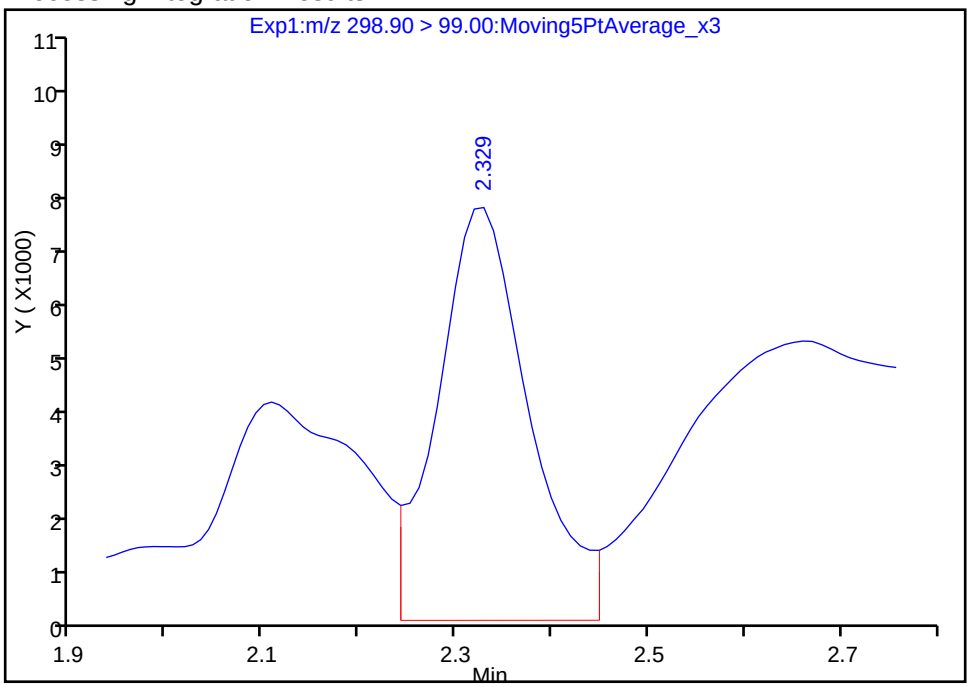
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_052.d				
Injection Date:	25-May-2017 23:46:40	Instrument ID:	A8_N		
Lims ID:	320-28275-A-15-A	Lab Sample ID:	320-28275-15		
Client ID:	MEAFF-Unknown6-SB01-0204				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	15	Worklist Smp#:	17
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 2

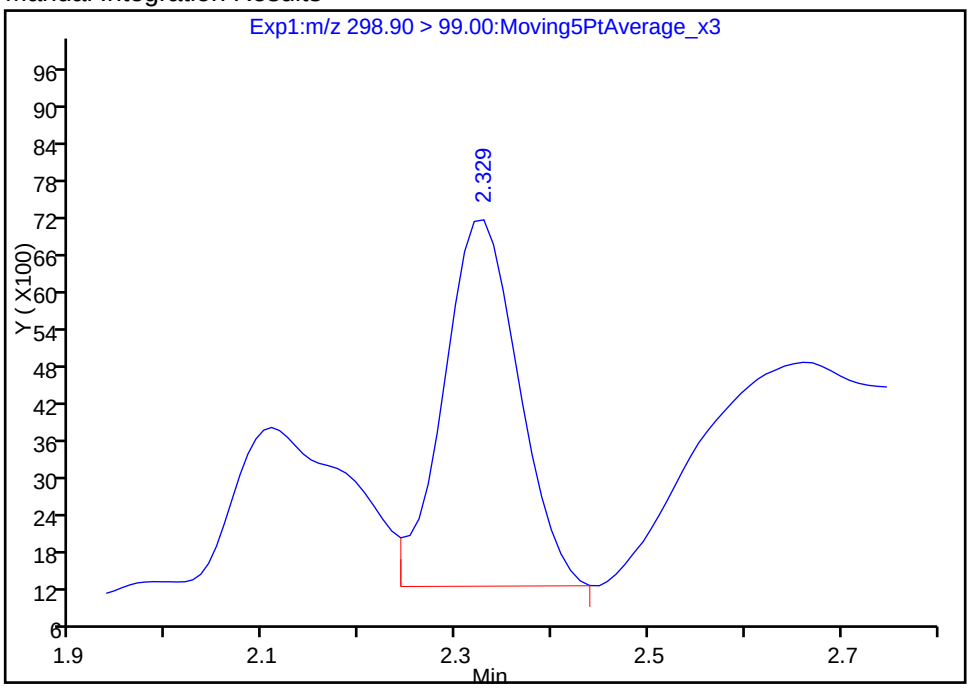
Processing Integration Results

RT: 2.33
Area: 46698
Amount: 0.156601
Amount Units: ng/ml



Manual Integration Results

RT: 2.33
Area: 31907
Amount: 0.156601
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:28:04

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-T-45C_2004-SB01-0001
Lab Sample ID: 320-28275-16
Matrix: Solid
Lab File ID: 2017.05.25C_053.d
Analysis Method: 537 (Modified)
Date Collected: 05/12/2017 13:02
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 4.98(g)
Date Analyzed: 05/25/2017 23:54
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 8.8
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.21	J	0.55	0.33	0.11
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.20	J	0.55	0.33	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.33	U M	0.44	0.33	0.11

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	66		25-150
STL00991	13C4 PFOS	57		25-150
STL00994	18O2 PFHxS	54		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_053.d
Lims ID: 320-28275-A-16-A
Client ID: MEAFF-T-45C_2004-SB01-0001
Sample Type: Client
Inject. Date: 25-May-2017 23:54:11 ALS Bottle#: 16 Worklist Smp#: 18
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-16-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:41 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:29:16

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.328	2.328	0.0	1.000	17285	0.0632				M
298.90 > 99.00	2.318	2.328	-0.010	0.996	7296		2.37(0.00-0.00)			M
D 11 18O2 PFHxS										
403.00 > 84.00	3.051	3.056	-0.005		8178858	25.4		53.7	46510	
* 62 13C2-PFOA										
415.00 > 370.00	3.435	3.445	-0.010		3287	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.444	3.445	-0.001		7538809	33.2		66.5	37182	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.427	3.453	-0.026	1.000	165159	0.9756			16.4	
413.00 > 169.00	3.435	3.453	-0.018	1.002	54498		3.03(0.90-1.10)		162	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.760	3.773	-0.013	1.000	144741	0.9169			123	
499.00 > 99.00	3.812	3.773	0.039	1.014	31695		4.57(0.90-1.10)		66.3	
D 18 13C4 PFOS										
503.00 > 80.00	3.812	3.818	-0.006		6359055	27.1		56.7	19057	

QC Flag Legend

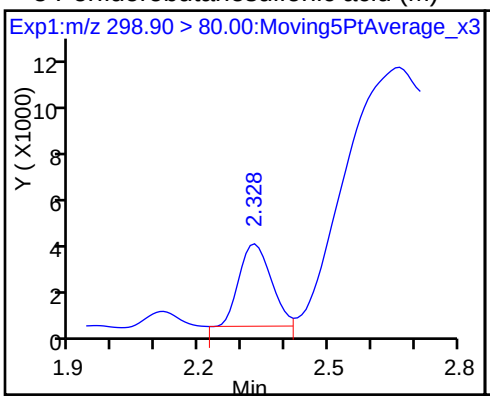
Review Flags
M - Manually Integrated

Report Date: 26-May-2017 14:32:57 Chrom Revision: 2.2 25-May-2017 18:29:58

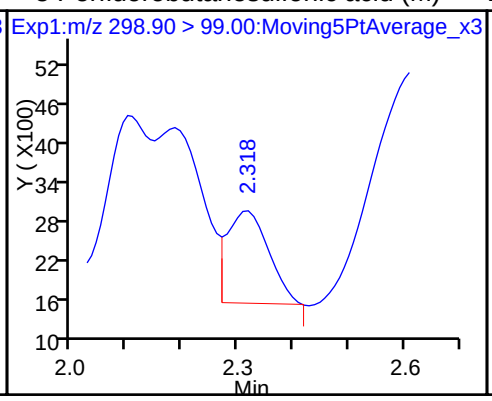
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_053.d				
Injection Date:	25-May-2017 23:54:11	Instrument ID:	A8_N		
Lims ID:	320-28275-A-16-A	Lab Sample ID:	320-28275-16		
Client ID:	MEAFF-T-45C_2004-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	16	Worklist Smp#:	18
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

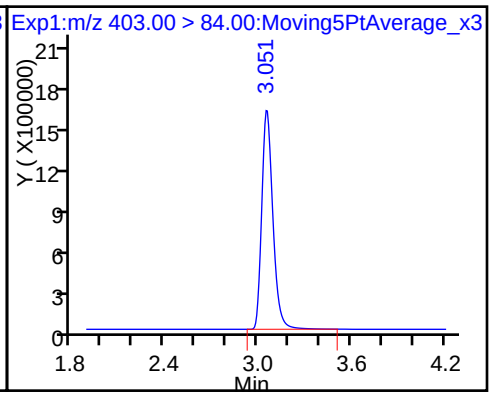
5 Perfluorobutanesulfonic acid (M)



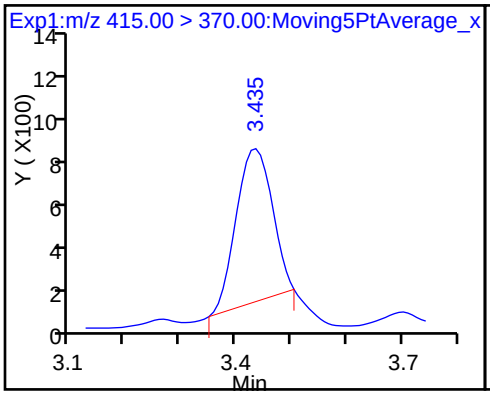
5 Perfluorobutanesulfonic acid (M)



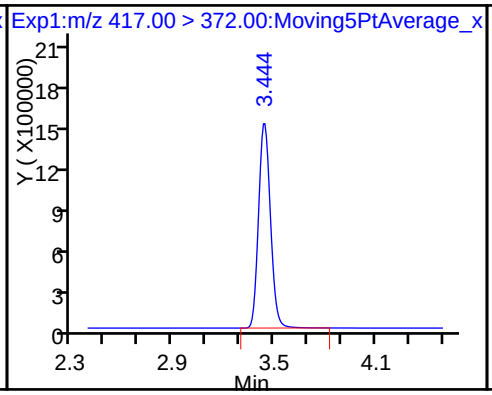
D 11 18O2 PFHxS



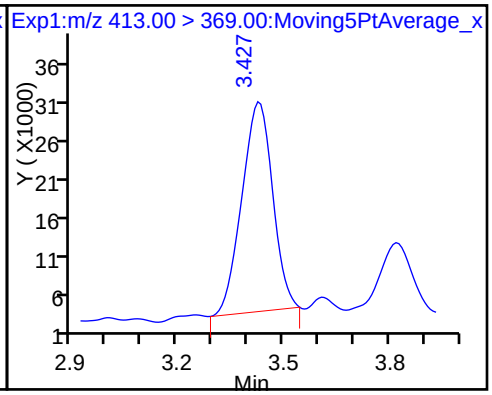
* 62 13C2-PFOA



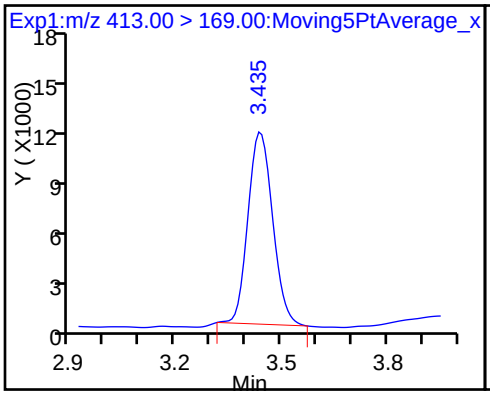
D 14 13C4 PFOA



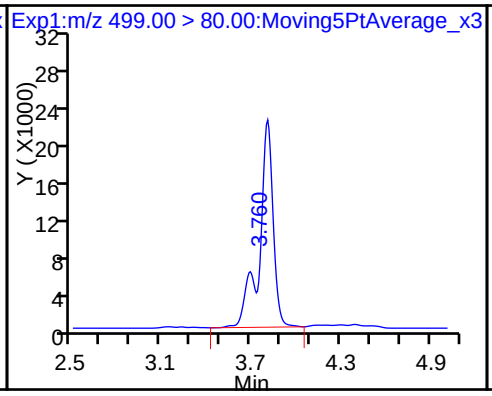
15 Perfluorooctanoic acid



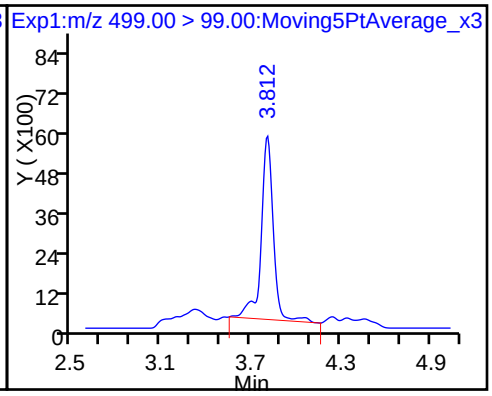
15 Perfluorooctanoic acid



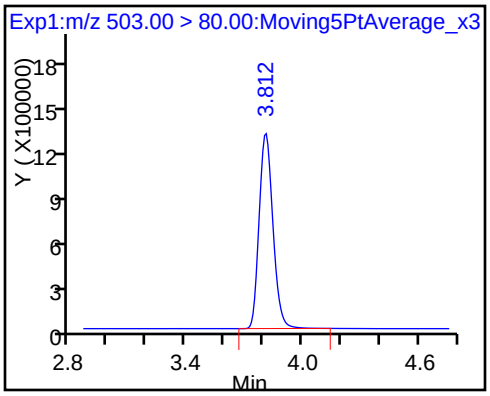
17 Perfluorooctane sulfonic acid



17 Perfluorooctane sulfonic acid



D 18 13C4 PFOS



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

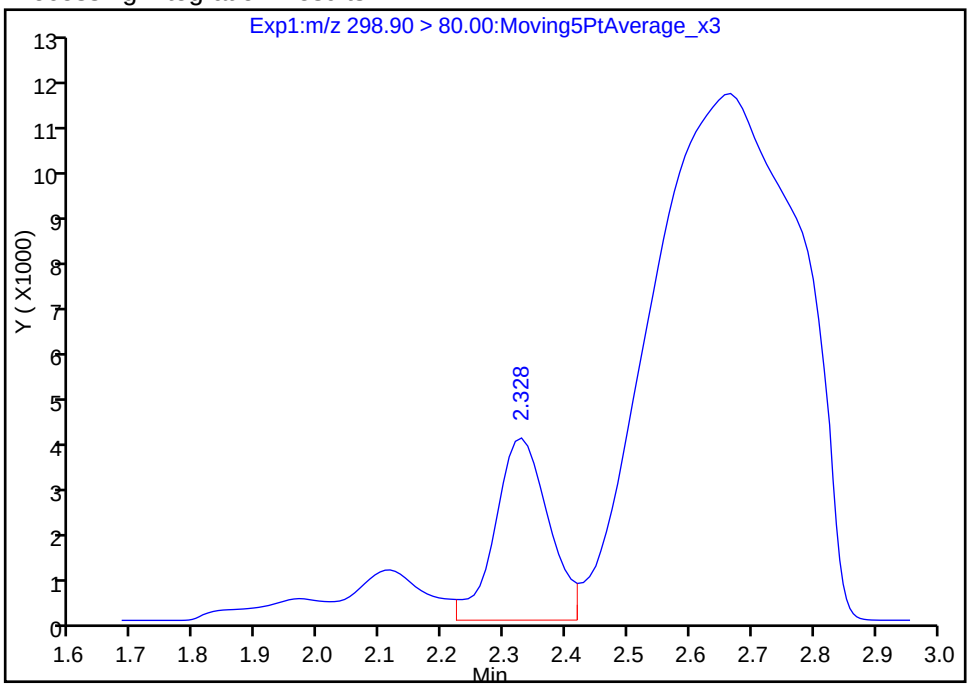
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_053.d				
Injection Date:	25-May-2017 23:54:11	Instrument ID:	A8_N		
Lims ID:	320-28275-A-16-A	Lab Sample ID:	320-28275-16		
Client ID:	MEAFF-T-45C_2004-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	16	Worklist Smp#:	18
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 1

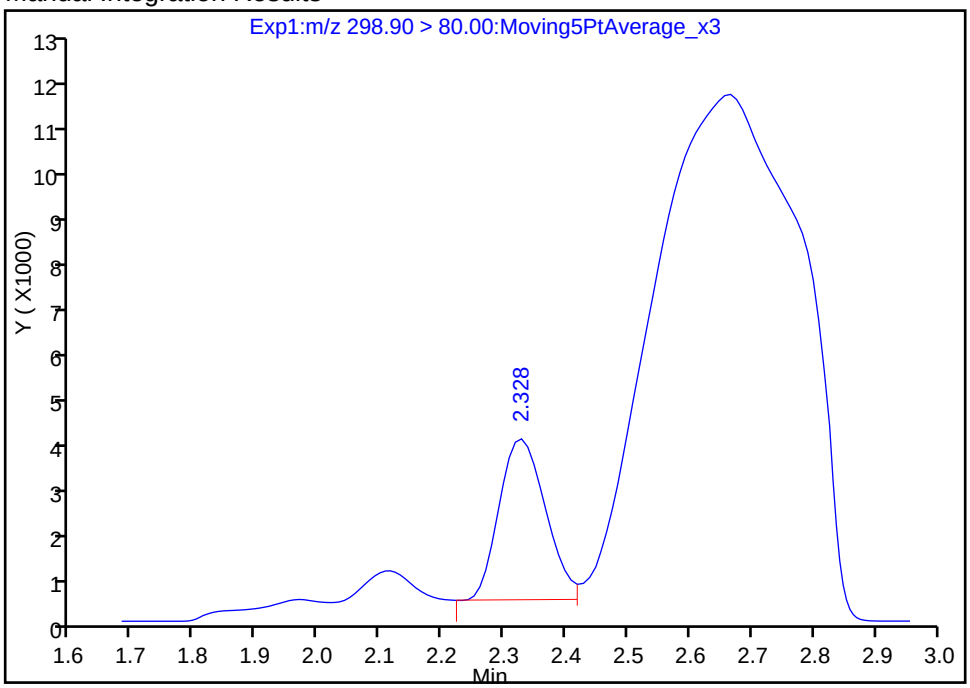
Processing Integration Results

RT: 2.33
Area: 22417
Amount: 0.081956
Amount Units: ng/ml



Manual Integration Results

RT: 2.33
Area: 17285
Amount: 0.063193
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:28:43

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

TestAmerica Sacramento

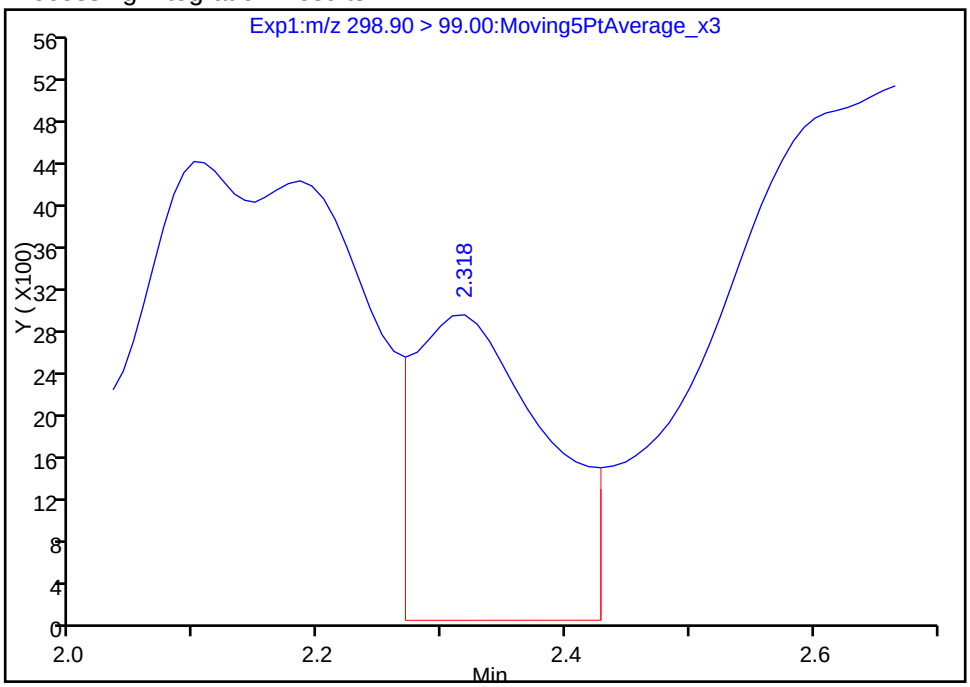
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_053.d				
Injection Date:	25-May-2017 23:54:11	Instrument ID:	A8_N		
Lims ID:	320-28275-A-16-A	Lab Sample ID:	320-28275-16		
Client ID:	MEAFF-T-45C_2004-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	16	Worklist Smp#:	18
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 2

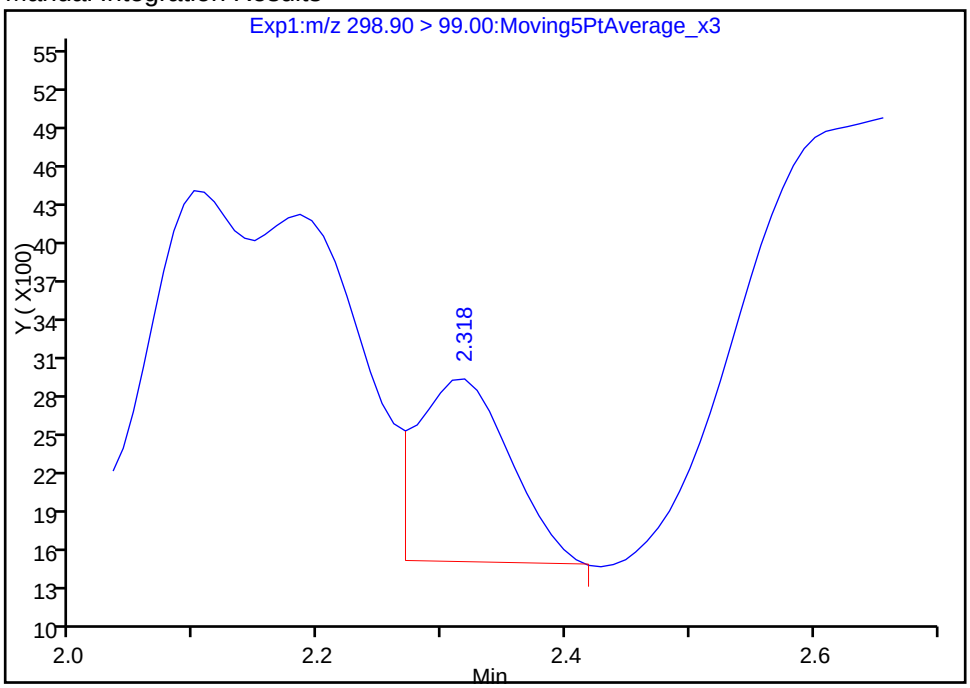
Processing Integration Results

RT: 2.32
Area: 21469
Amount: 0.081956
Amount Units: ng/ml



Manual Integration Results

RT: 2.32
Area: 7296
Amount: 0.063193
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:28:46

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-T-45C_2004-SB01-020 4
Lab Sample ID: 320-28275-17
Matrix: Solid
Lab File ID: 2017.05.25C_054.d
Analysis Method: 537 (Modified)
Date Collected: 05/12/2017 13:05
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.08(g)
Date Analyzed: 05/26/2017 00:01
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 10.4
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.33	U	0.55	0.33	0.11
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.33	U	0.55	0.33	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.33	U	0.44	0.33	0.11

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	95		25-150
STL00991	13C4 PFOS	49		25-150
STL00994	18O2 PFHxS	79		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_054.d
Lims ID: 320-28275-A-17-A
Client ID: MEAFF-T-45C_2004-SB01-0204
Sample Type: Client
Inject. Date: 26-May-2017 00:01:41 ALS Bottle#: 17 Worklist Smp#: 19
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-17-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:41 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:29:27

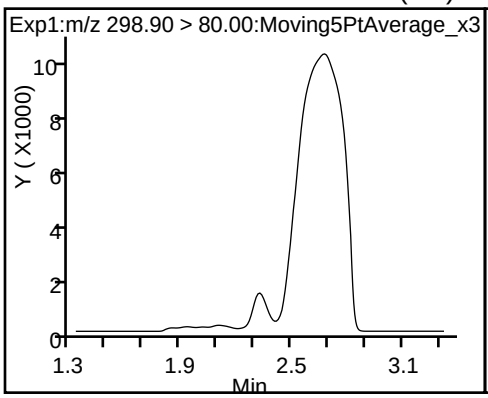
Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 11 18O2 PFHxS										
403.00 > 84.00	3.055	3.056	-0.001		12097305	37.6		79.4	44290	
* 62 13C2-PFOA										
415.00 > 370.00	3.440	3.445	-0.005		6223	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.440	3.445	-0.005		10721905	47.3		94.5	56736	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.448	3.453	-0.005	1.000	18417	0.0765			2.7	
413.00 > 169.00	3.440	3.453	-0.013	0.998	10673		1.73(0.90-1.10)		36.9	
D 18 13C4 PFOS										
503.00 > 80.00	3.812	3.818	-0.006		5477178	23.3		48.8	18625	

Report Date: 26-May-2017 14:33:00 Chrom Revision: 2.2 25-May-2017 18:29:58

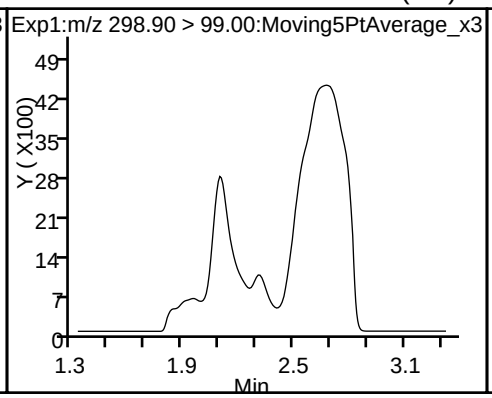
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_054.d				
Injection Date:	26-May-2017 00:01:41	Instrument ID:	A8_N		
Lims ID:	320-28275-A-17-A	Lab Sample ID:	320-28275-17		
Client ID:	MEAFF-T-45C_2004-SB01-0204				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	17	Worklist Smp#:	19
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

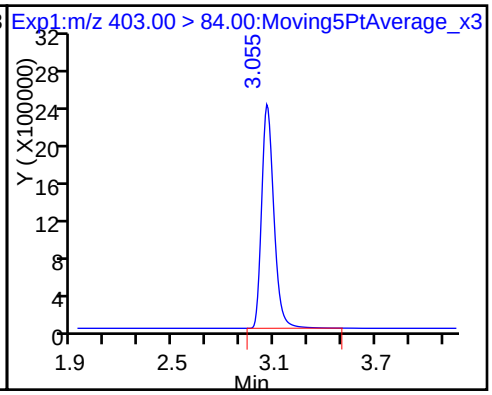
5 Perfluorobutanesulfonic acid (ND)



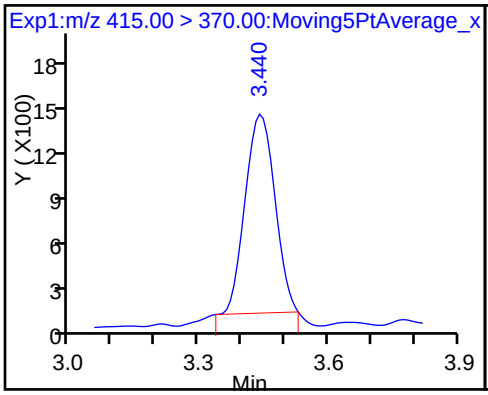
5 Perfluorobutanesulfonic acid (ND)



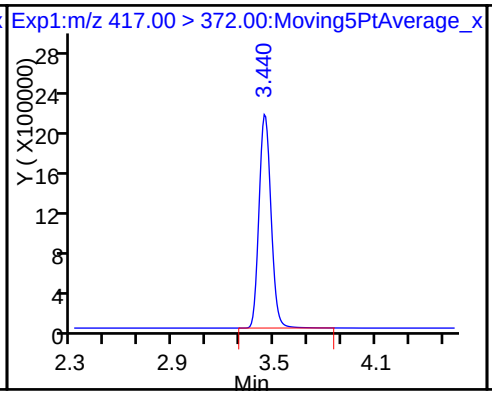
D 11 18O2 PFHxS



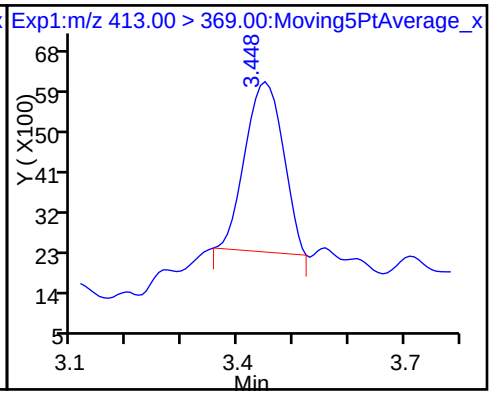
* 62 13C2-PFOA



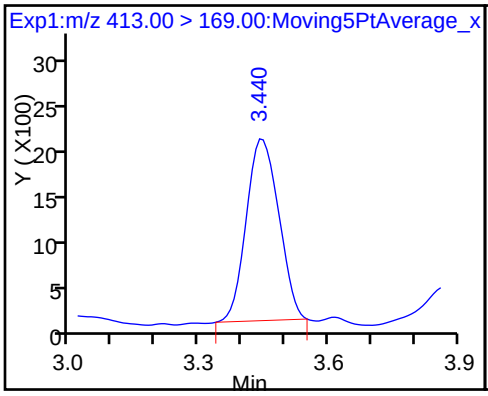
D 14 13C4 PFOA



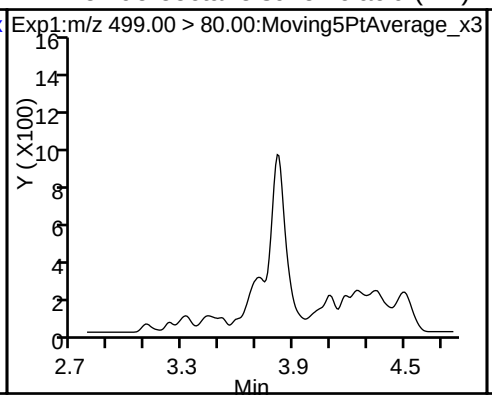
15 Perfluorooctanoic acid



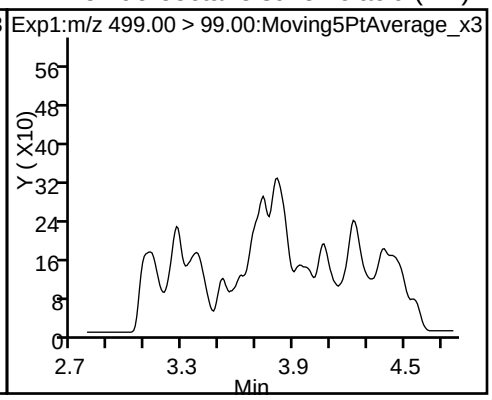
15 Perfluorooctanoic acid



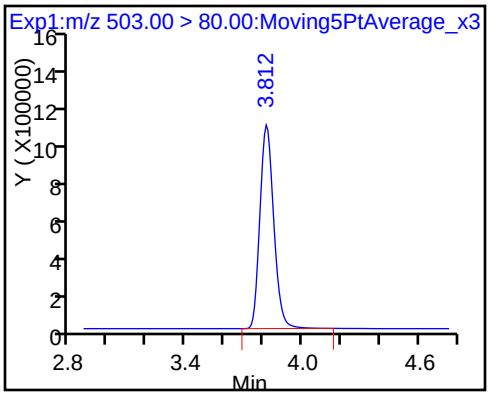
17 Perfluorooctane sulfonic acid (ND)



17 Perfluorooctane sulfonic acid (ND)



D 18 13C4 PFOS



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-T-2C_1996-SB01-0001
Lab Sample ID: 320-28275-18
Matrix: Solid
Lab File ID: 2017.05.25C_055.d
Analysis Method: 537 (Modified)
Date Collected: 05/12/2017 14:05
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 4.97(g)
Date Analyzed: 05/26/2017 00:09
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 11.9
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.87		0.57	0.34	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	2.3	M	0.57	0.34	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.34	U M	0.46	0.34	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	71		25-150
STL00991	13C4 PFOS	25		25-150
STL00994	18O2 PFHxS	62		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_055.d
Lims ID: 320-28275-A-18-A
Client ID: MEAFF-T-2C_1996-SB01-0001
Sample Type: Client
Inject. Date: 26-May-2017 00:09:11 ALS Bottle#: 18 Worklist Smp#: 20
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-18-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:41 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:29:51

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.329	2.328	0.001	1.000	10154	0.0320				
298.90 > 99.00	2.329	2.328	0.001	1.000	3600		2.82(0.00-0.00)			M
D 11 18O2 PFHxS										
403.00 > 84.00	3.053	3.056	-0.003		9480529	29.4		62.2	34916	
* 62 13C2-PFOA										
415.00 > 370.00	3.428	3.445	-0.017		4446	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.436	3.445	-0.009		8067722	35.6		71.1	48619	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.436	3.453	-0.017	1.000	687729	3.80			109	
413.00 > 169.00	3.436	3.453	-0.017	1.000	405239		1.70(0.90-1.10)		1303	
17 Perfluorooctane sulfonic acid										M
499.00 > 80.00	3.780	3.773	0.007	1.000	710152	10.2			1689	
499.00 > 99.00	3.806	3.773	0.033	1.007	148691		4.78(0.90-1.10)		521	M
D 18 13C4 PFOS										
503.00 > 80.00	3.806	3.818	-0.012		2793962	11.9		24.9	11254	

QC Flag Legend

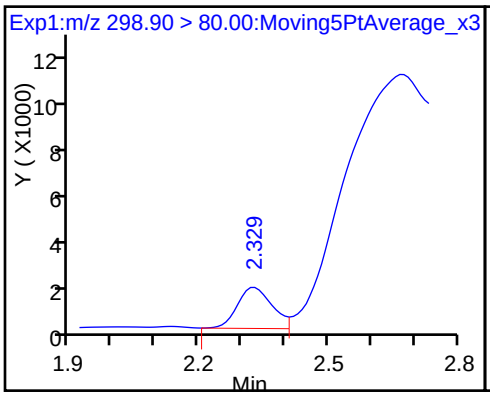
Review Flags
M - Manually Integrated

Report Date: 26-May-2017 14:33:02 Chrom Revision: 2.2 25-May-2017 18:29:58

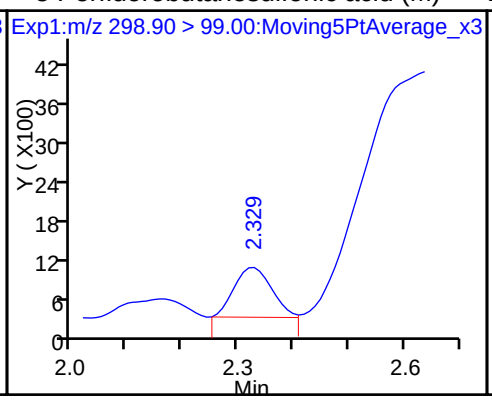
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_055.d				
Injection Date:	26-May-2017 00:09:11	Instrument ID:	A8_N		
Lims ID:	320-28275-A-18-A	Lab Sample ID:	320-28275-18		
Client ID:	MEAFF-T-2C_1996-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	18	Worklist Smp#:	20
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

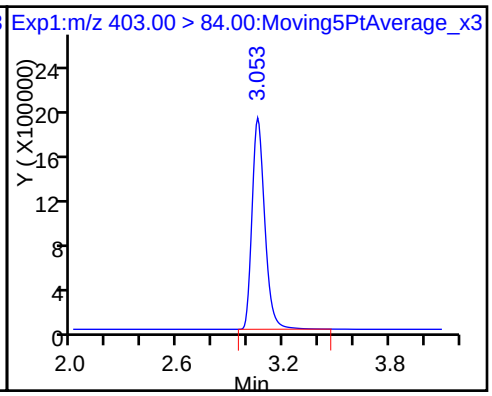
5 Perfluorobutanesulfonic acid



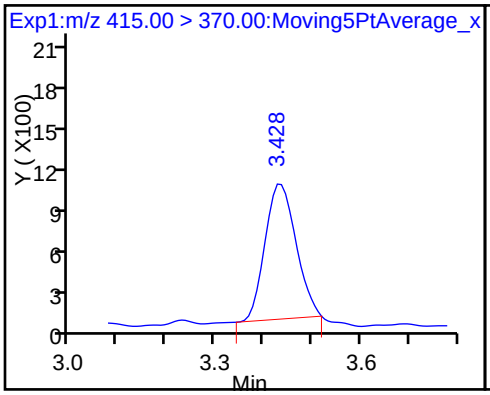
5 Perfluorobutanesulfonic acid (M)



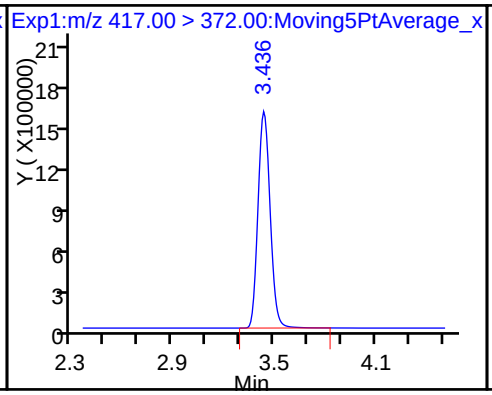
D 11 18O2 PFHxS



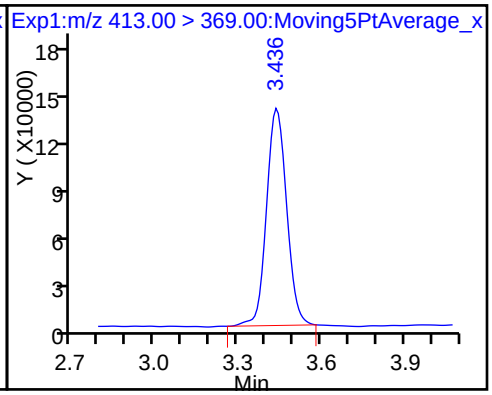
* 62 13C2-PFOA



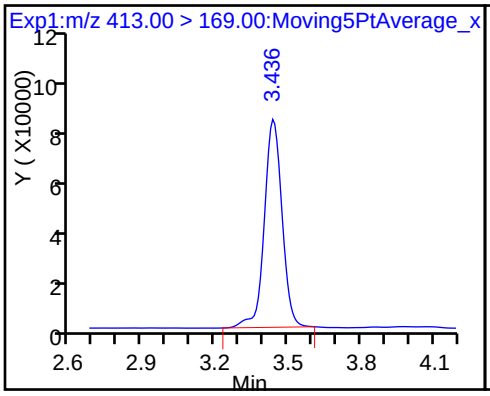
D 14 13C4 PFOA



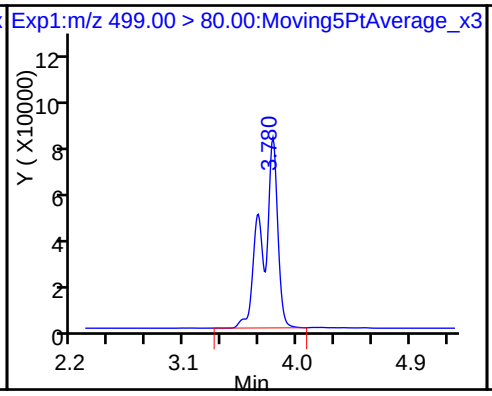
15 Perfluorooctanoic acid



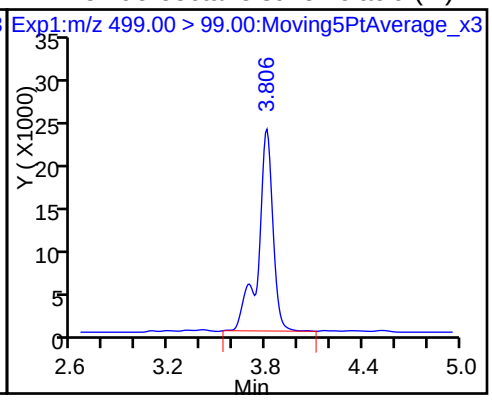
15 Perfluorooctanoic acid



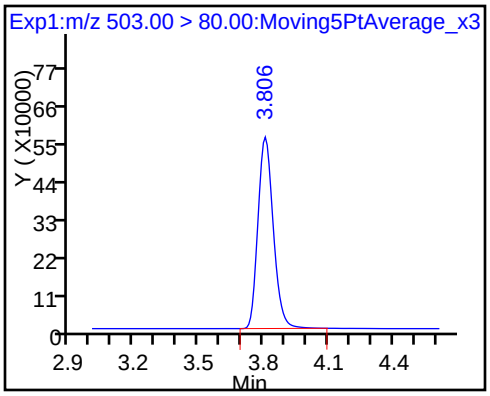
17 Perfluorooctane sulfonic acid



17 Perfluorooctane sulfonic acid (M)



D 18 13C4 PFOS



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

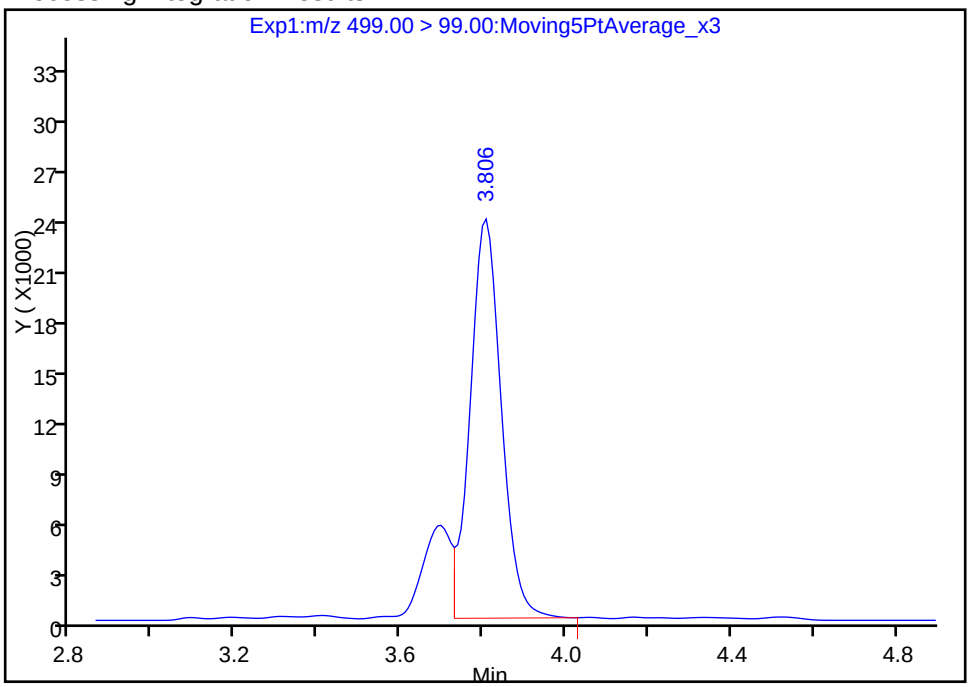
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_055.d				
Injection Date:	26-May-2017 00:09:11	Instrument ID:	A8_N		
Lims ID:	320-28275-A-18-A	Lab Sample ID:	320-28275-18		
Client ID:	MEAFF-T-2C_1996-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	18	Worklist Smp#:	20
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

17 Perfluorooctane sulfonic acid, CAS: 1763-23-1

Signal: 2

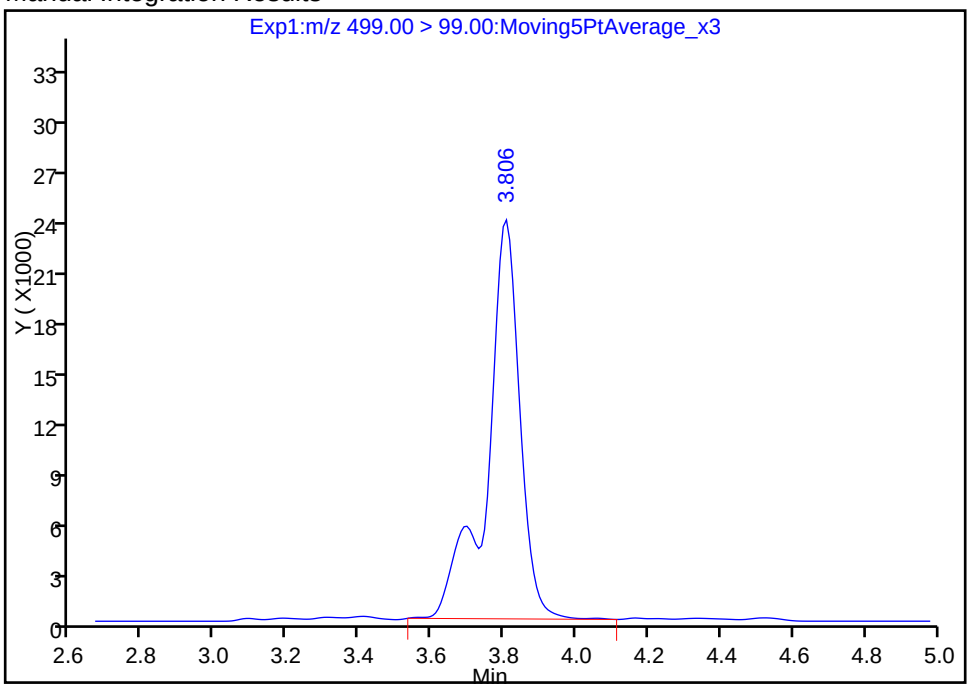
Processing Integration Results

RT: 3.81
Area: 122694
Amount: 10.238869
Amount Units: ng/ml



Manual Integration Results

RT: 3.81
Area: 148691
Amount: 10.238869
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:29:47

Audit Action: Manually Integrated Audit Reason: Isomers

Manual Integration/User Assign Peak Report

TestAmerica Sacramento

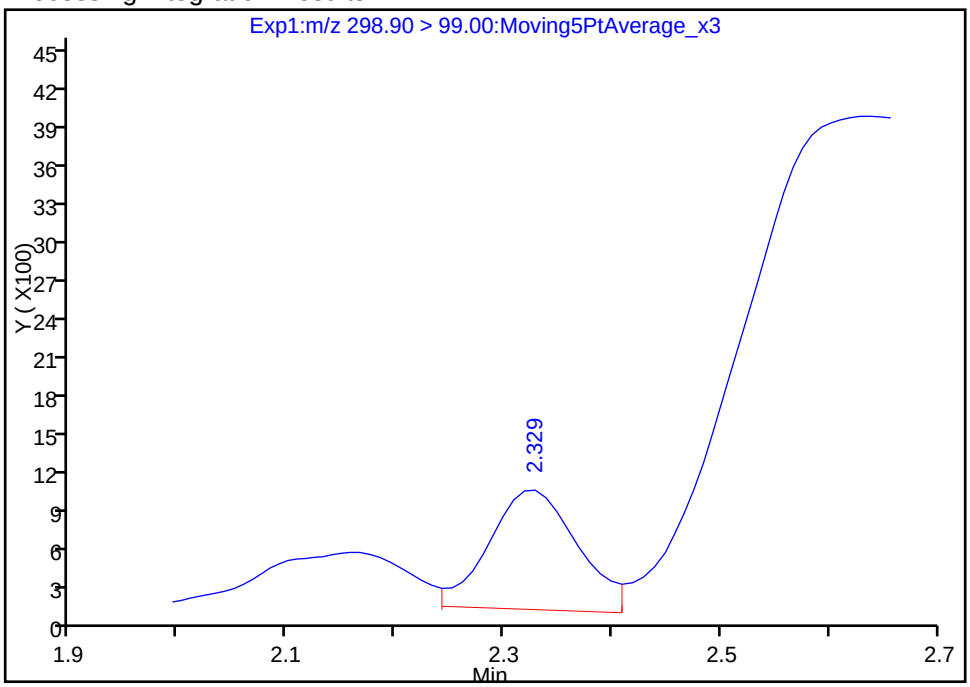
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_055.d				
Injection Date:	26-May-2017 00:09:11	Instrument ID:	A8_N		
Lims ID:	320-28275-A-18-A	Lab Sample ID:	320-28275-18		
Client ID:	MEAFF-T-2C_1996-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	18	Worklist Smp#:	20
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 2

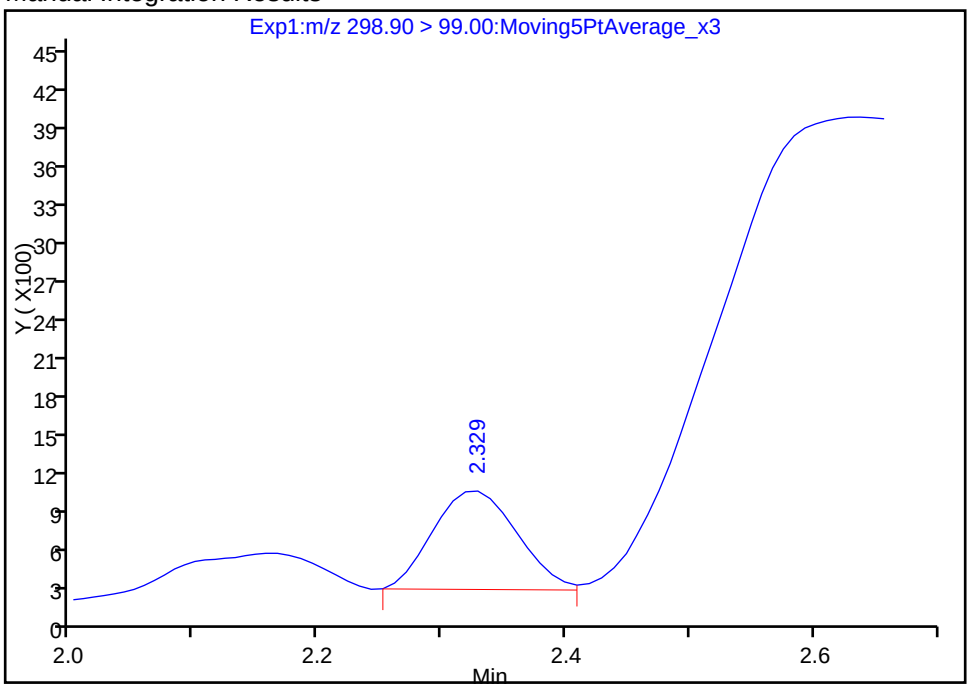
Processing Integration Results

RT: 2.33
Area: 5214
Amount: 0.032026
Amount Units: ng/ml



Manual Integration Results

RT: 2.33
Area: 3600
Amount: 0.032026
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:29:40

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-T-2C_1996-SB01-0204
Lab Sample ID: 320-28275-19
Matrix: Solid
Lab File ID: 2017.05.25C_056.d
Analysis Method: 537 (Modified)
Date Collected: 05/12/2017 14:07
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.03(g)
Date Analyzed: 05/26/2017 00:16
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 13.1
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.34	U	0.57	0.34	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.34	U	0.57	0.34	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.34	U	0.46	0.34	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	88		25-150
STL00991	13C4 PFOS	46		25-150
STL00994	18O2 PFHxS	77		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_056.d
Lims ID: 320-28275-A-19-A
Client ID: MEAFF-T-2C_1996-SB01-0204
Sample Type: Client
Inject. Date: 26-May-2017 00:16:41 ALS Bottle#: 19 Worklist Smp#: 21
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-19-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:41 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:30:09

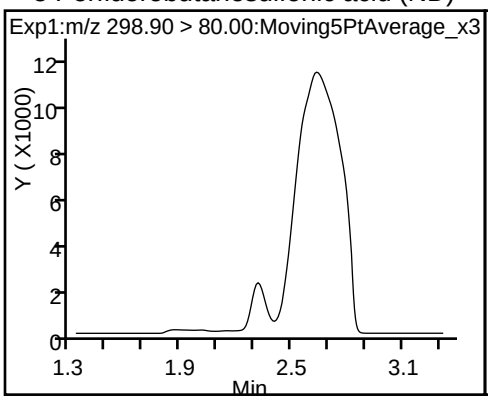
Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 11 18O2 PFHxS										
403.00 > 84.00	3.051	3.056	-0.005		11774308	36.5		77.3	73137	
* 62 13C2-PFOA										
415.00 > 370.00	3.427	3.445	-0.018		6182	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.436	3.445	-0.009		9947619	43.8		87.7	65755	
D 18 13C4 PFOS										
503.00 > 80.00	3.803	3.818	-0.015		5183509	22.1		46.2	12798	

Report Date: 26-May-2017 14:33:05 Chrom Revision: 2.2 25-May-2017 18:29:58

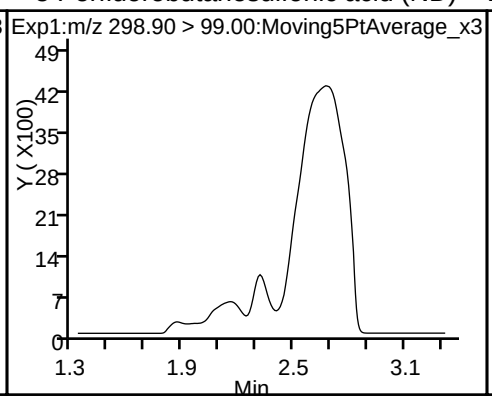
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_056.d				
Injection Date:	26-May-2017 00:16:41	Instrument ID:	A8_N		
Lims ID:	320-28275-A-19-A	Lab Sample ID:	320-28275-19		
Client ID:	MEAFF-T-2C_1996-SB01-0204				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	19	Worklist Smp#:	21
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

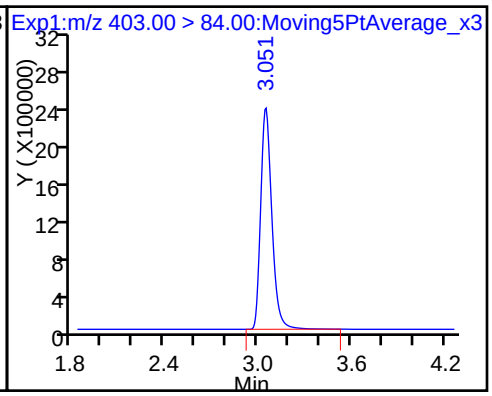
5 Perfluorobutanesulfonic acid (ND)



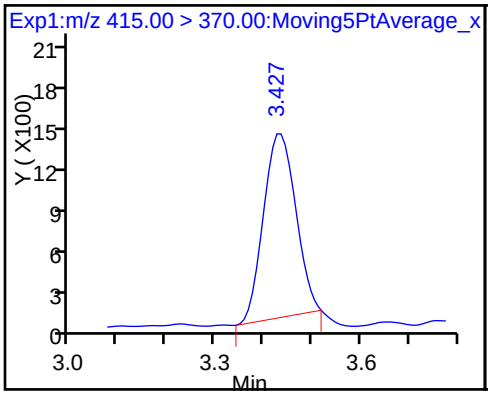
5 Perfluorobutanesulfonic acid (ND)



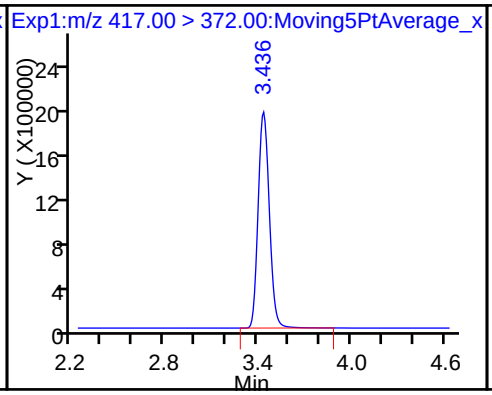
D 11 18O2 PFHxS



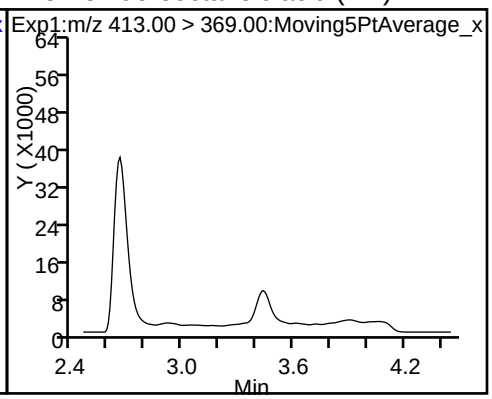
* 62 13C2-PFOA



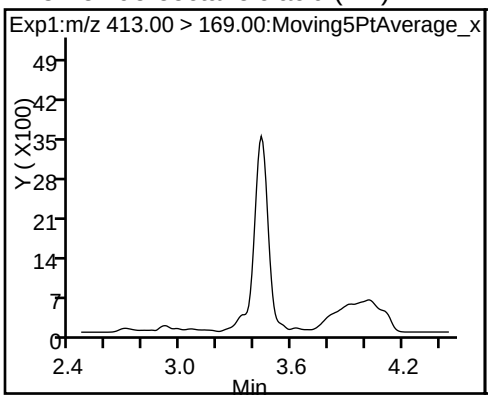
D 14 13C4 PFOA



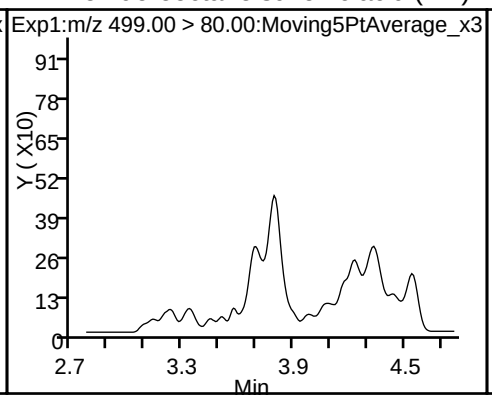
15 Perfluorooctanoic acid (ND)



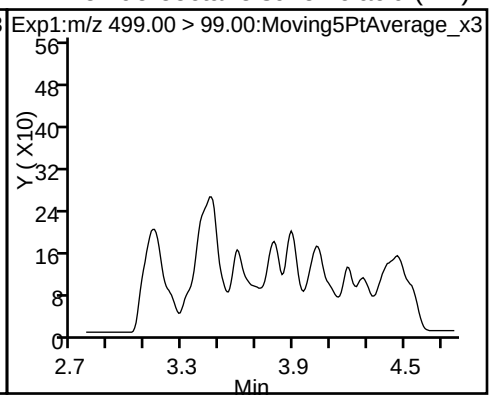
15 Perfluorooctanoic acid (ND)



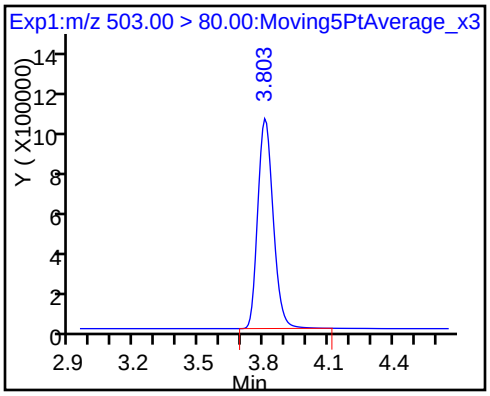
17 Perfluorooctane sulfonic acid (ND)



17 Perfluorooctane sulfonic acid (ND)



D 18 13C4 PFOS



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-TA-4J_1984-SB01-0001
Lab Sample ID: 320-28275-20
Matrix: Solid
Lab File ID: 2017.05.25C_057.d
Analysis Method: 537 (Modified)
Date Collected: 05/12/2017 15:03
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 4.97(g)
Date Analyzed: 05/26/2017 00:24
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 12.5
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.34	U M	0.57	0.34	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.34	U	0.57	0.34	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.34	U M	0.46	0.34	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	95		25-150
STL00991	13C4 PFOS	58		25-150
STL00994	18O2 PFHxS	79		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_057.d
Lims ID: 320-28275-A-20-A
Client ID: MEAFF-TA-4J_1984-SB01-0001
Sample Type: Client
Inject. Date: 26-May-2017 00:24:12 ALS Bottle#: 20 Worklist Smp#: 22
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-20-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:41 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:30:44

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.318	2.328	-0.010	1.000	40615	0.1007				M
298.90 > 99.00	2.318	2.328	-0.010	1.000	13531		3.00(0.00-0.00)			M
D 11 18O2 PFHxS										
403.00 > 84.00	3.052	3.056	-0.004		12055172	37.4		79.1	38678	
* 62 13C2-PFOA										
415.00 > 370.00	3.436	3.445	-0.009		7429	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.436	3.445	-0.009		10807441	47.6		95.3	32273	
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.342	3.453	-0.111	1.000	30443	0.1254			4.4	
413.00 > 169.00	3.334	3.453	-0.119	0.997	60609		0.50(0.90-1.10)		117	M
D 18 13C4 PFOS										
503.00 > 80.00	3.806	3.818	-0.012		6559849	28.0		58.5	28309	

QC Flag Legend

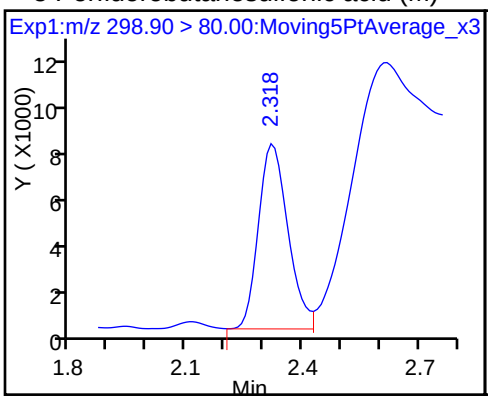
Review Flags
M - Manually Integrated

Report Date: 26-May-2017 14:33:08 Chrom Revision: 2.2 25-May-2017 18:29:58

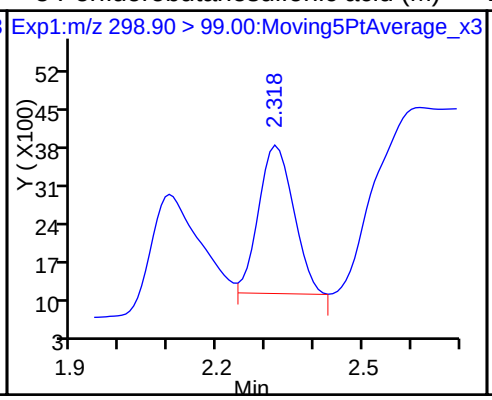
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_057.d				
Injection Date:	26-May-2017 00:24:12	Instrument ID:	A8_N		
Lims ID:	320-28275-A-20-A	Lab Sample ID:	320-28275-20		
Client ID:	MEAFF-TA-4J_1984-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	20	Worklist Smp#:	22
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

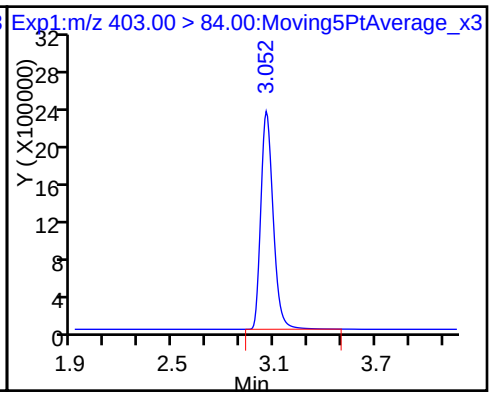
5 Perfluorobutanesulfonic acid (M)



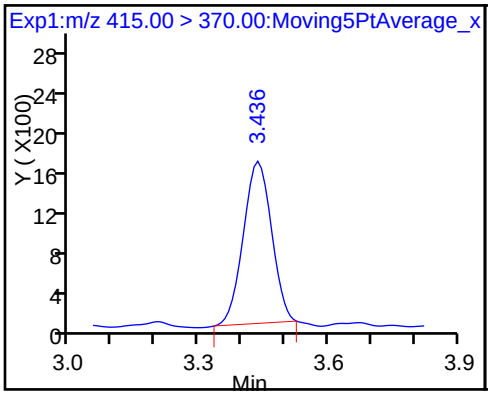
5 Perfluorobutanesulfonic acid (M)



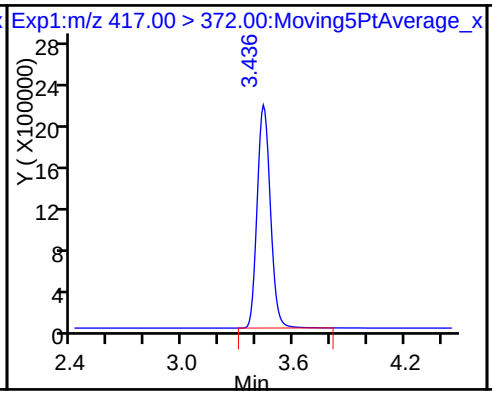
D 11 18O2 PFHxS



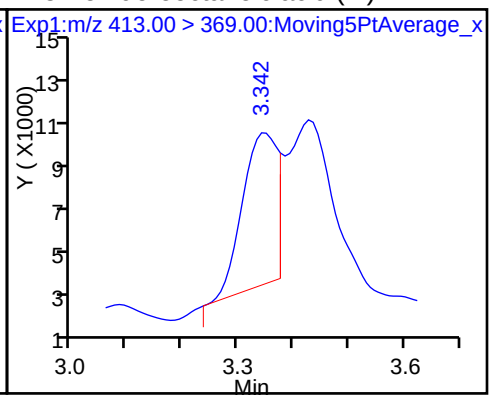
* 62 13C2-PFOA



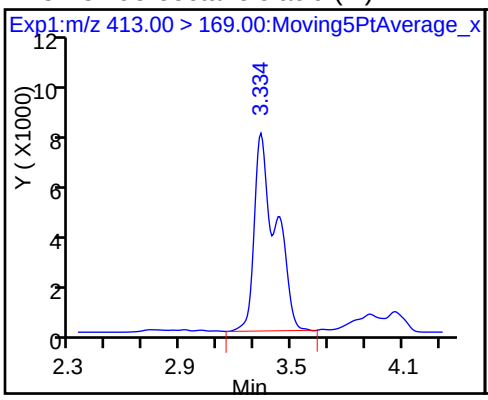
D 14 13C4 PFOA



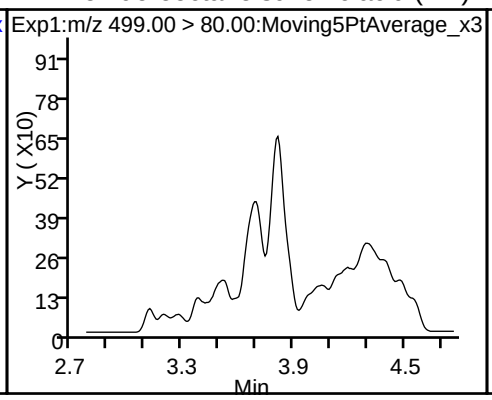
15 Perfluorooctanoic acid (M)



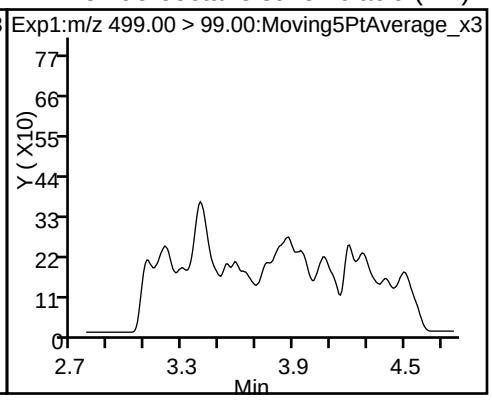
15 Perfluorooctanoic acid (M)



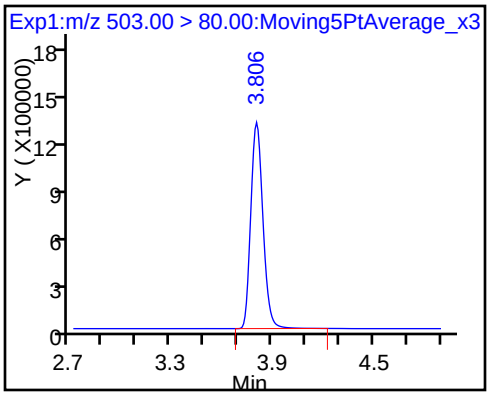
17 Perfluorooctane sulfonic acid (ND)



17 Perfluorooctane sulfonic acid (ND)



D 18 13C4 PFOS



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

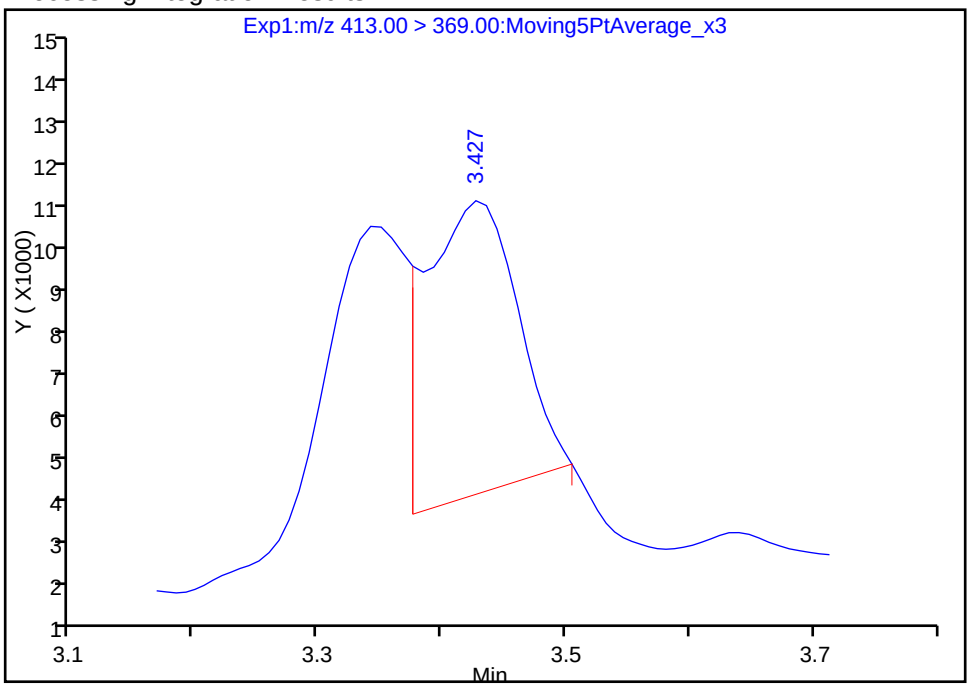
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_057.d				
Injection Date:	26-May-2017 00:24:12	Instrument ID:	A8_N		
Lims ID:	320-28275-A-20-A	Lab Sample ID:	320-28275-20		
Client ID:	MEAFF-TA-4J_1984-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	20	Worklist Smp#:	22
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

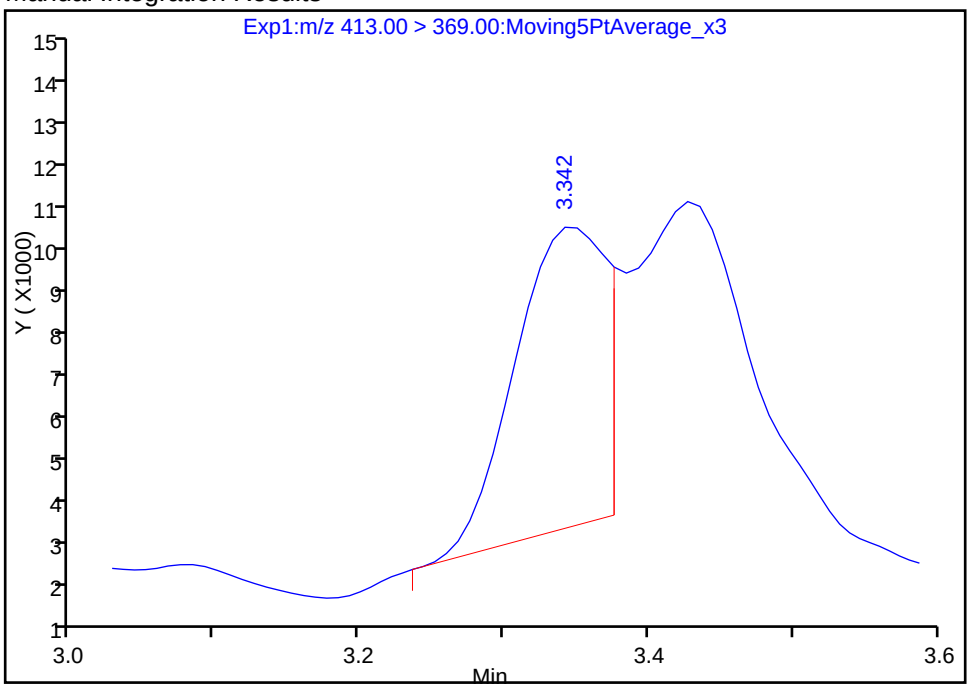
Processing Integration Results

RT: 3.43
Area: 34635
Amount: 0.142712
Amount Units: ng/ml



Manual Integration Results

RT: 3.34
Area: 30443
Amount: 0.125439
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:30:37

Audit Action: Manually Integrated Audit Reason: Isomers

Manual Integration/User Assign Peak Report

TestAmerica Sacramento

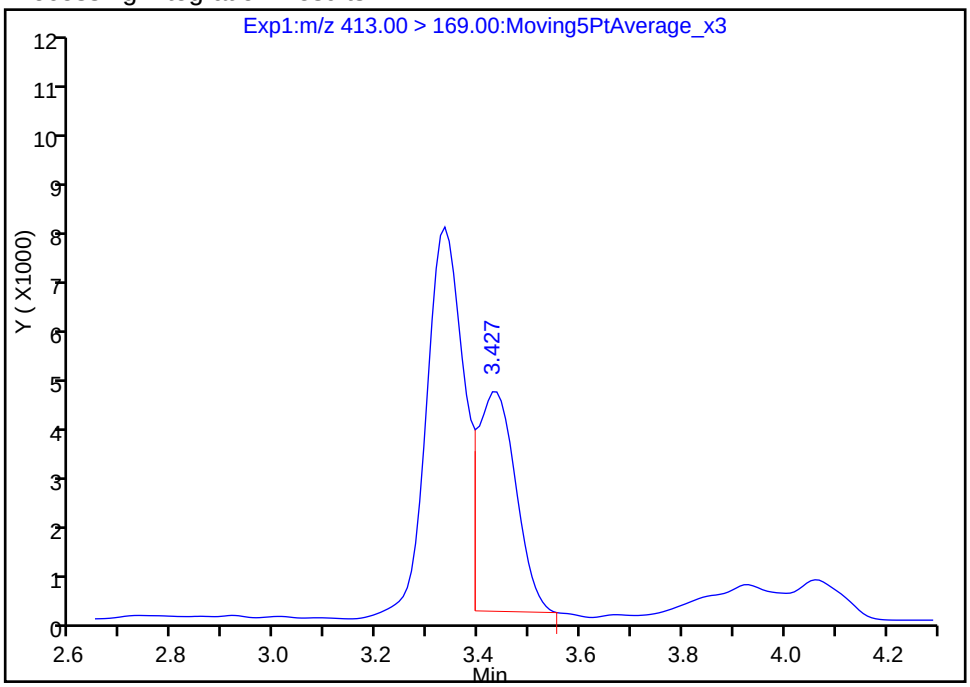
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_057.d				
Injection Date:	26-May-2017 00:24:12	Instrument ID:	A8_N		
Lims ID:	320-28275-A-20-A	Lab Sample ID:	320-28275-20		
Client ID:	MEAFF-TA-4J_1984-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	20	Worklist Smp#:	22
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

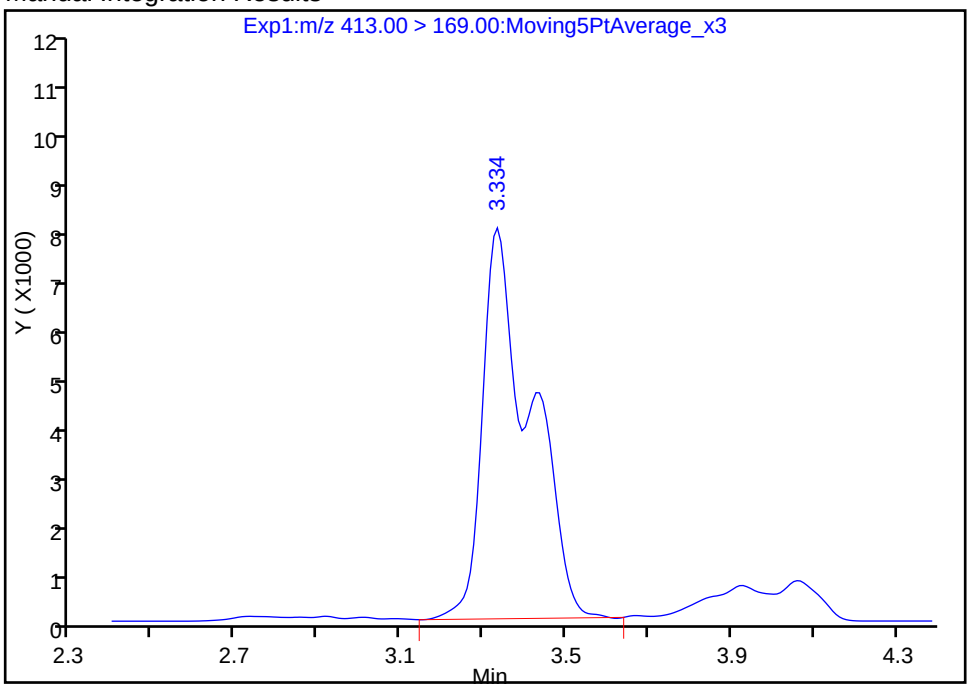
Processing Integration Results

RT: 3.43
Area: 21114
Amount: 0.142712
Amount Units: ng/ml



Manual Integration Results

RT: 3.33
Area: 60609
Amount: 0.125439
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:30:39

Audit Action: Manually Integrated Audit Reason: Isomers

Manual Integration/User Assign Peak Report

TestAmerica Sacramento

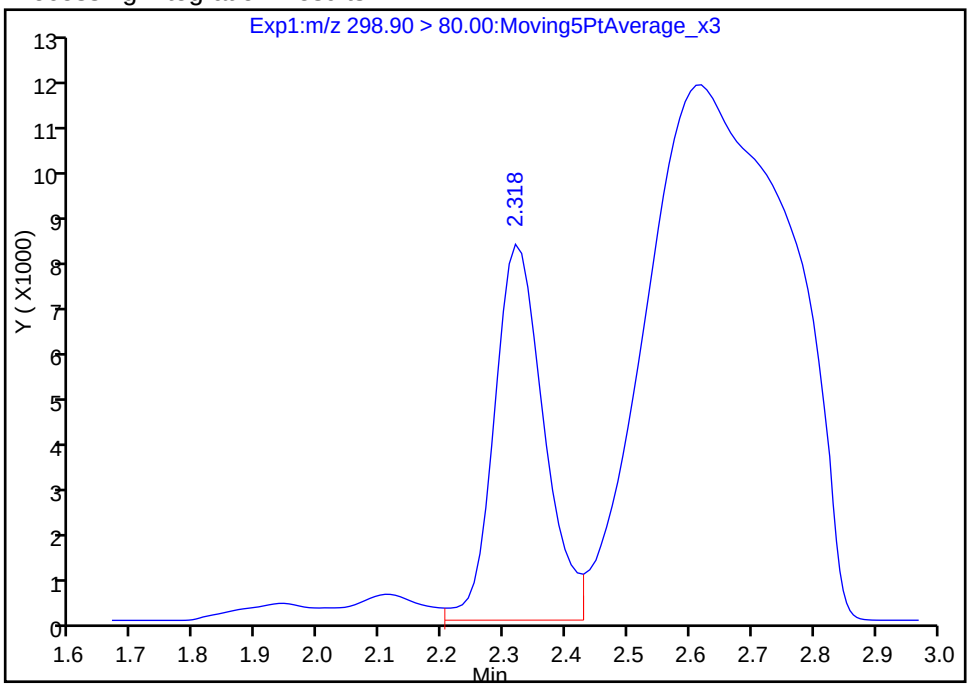
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_057.d				
Injection Date:	26-May-2017 00:24:12	Instrument ID:	A8_N		
Lims ID:	320-28275-A-20-A	Lab Sample ID:	320-28275-20		
Client ID:	MEAFF-TA-4J_1984-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	20	Worklist Smp#:	22
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 1

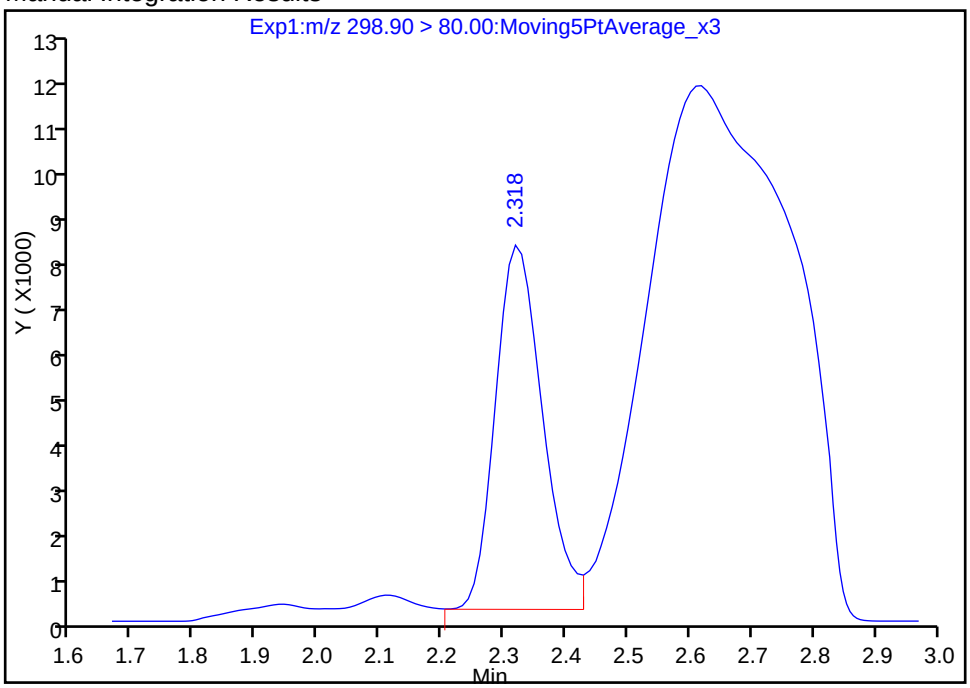
Processing Integration Results

RT: 2.32
Area: 43904
Amount: 0.108900
Amount Units: ng/ml



Manual Integration Results

RT: 2.32
Area: 40615
Amount: 0.100741
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:30:23

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

TestAmerica Sacramento

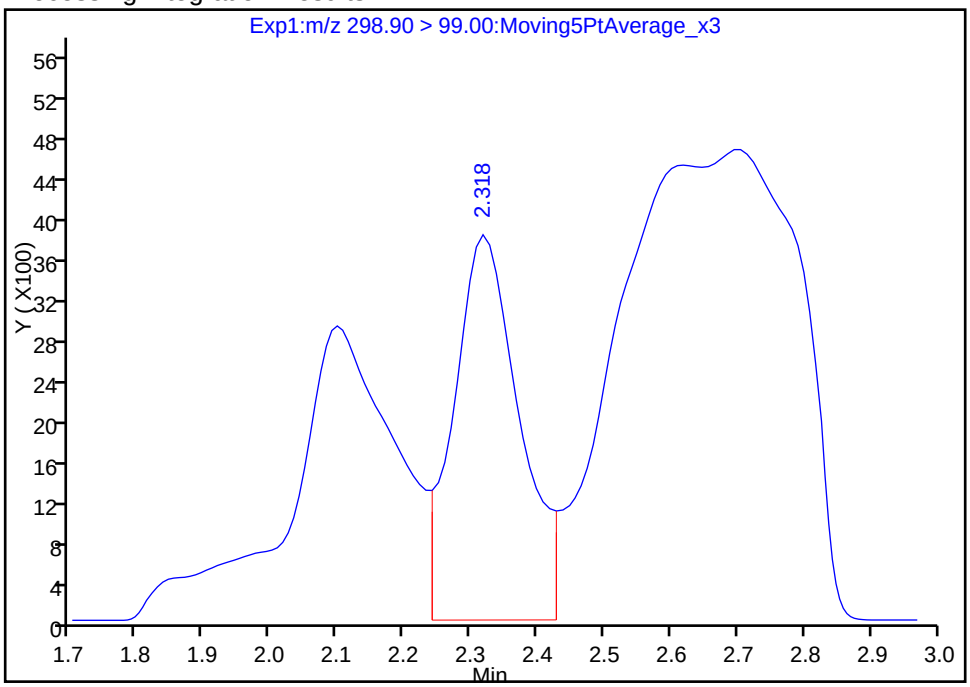
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_057.d				
Injection Date:	26-May-2017 00:24:12	Instrument ID:	A8_N		
Lims ID:	320-28275-A-20-A	Lab Sample ID:	320-28275-20		
Client ID:	MEAFF-TA-4J_1984-SB01-0001				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	20	Worklist Smp#:	22
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 2

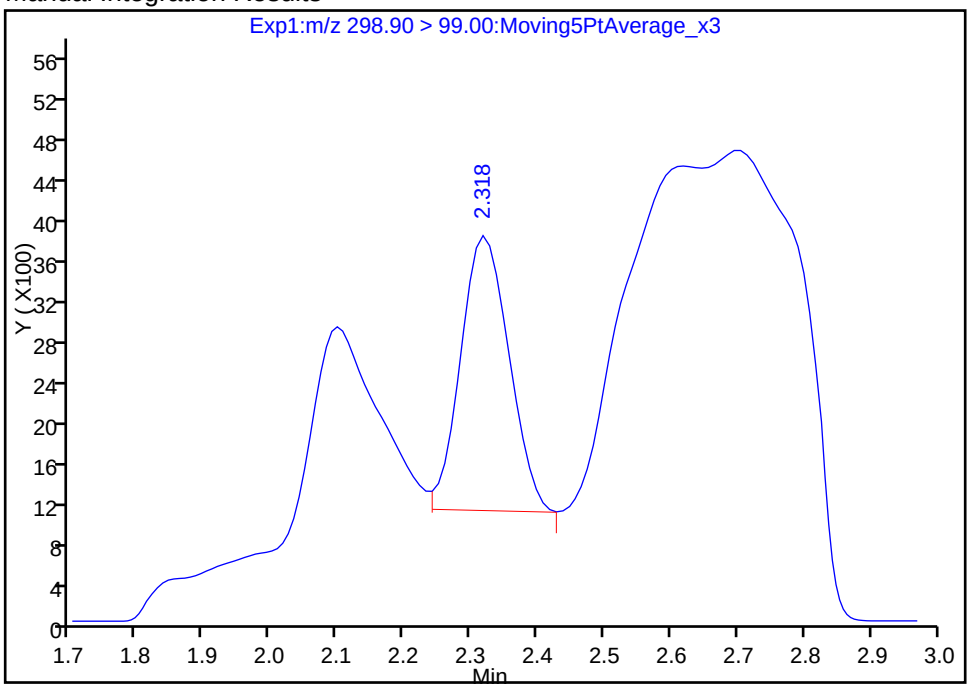
Processing Integration Results

RT: 2.32
Area: 25578
Amount: 0.108900
Amount Units: ng/ml



Manual Integration Results

RT: 2.32
Area: 13531
Amount: 0.100741
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:30:27
Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-TA-4J_1984-SB01-020 4
Lab Sample ID: 320-28275-21
Matrix: Solid
Lab File ID: 2017.05.25C_059.d
Analysis Method: 537 (Modified)
Date Collected: 05/12/2017 15:05
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 4.97(g)
Date Analyzed: 05/26/2017 00:39
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 8.9
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.33	U M	0.55	0.33	0.11
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.33	U	0.55	0.33	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.33	U	0.44	0.33	0.11

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	93		25-150
STL00991	13C4 PFOS	71		25-150
STL00994	18O2 PFHxS	81		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_059.d
Lims ID: 320-28275-A-21-A
Client ID: MEAFF-TA-4J_1984-SB01-0204
Sample Type: Client
Inject. Date: 26-May-2017 00:39:14 ALS Bottle#: 21 Worklist Smp#: 24
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-21-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:33:10 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:31:37

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 11 18O2 PFHxS										
403.00 > 84.00	3.065	3.049	0.016		12398083	38.5		81.4	54792	
* 62 13C2-PFOA										
415.00 > 370.00	3.444	3.435	0.009		13017	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.452	3.444	0.008		10583561	46.6		93.3	76424	
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.427	3.444	-0.017	1.000	70869	0.2982			3.6	M
413.00 > 169.00	3.452	3.444	0.008	1.007	14948		4.74(0.90-1.10)		44.1	M
D 18 13C4 PFOS										
503.00 > 80.00	3.816	3.811	0.005		7965041	33.9		71.0	17878	

QC Flag Legend

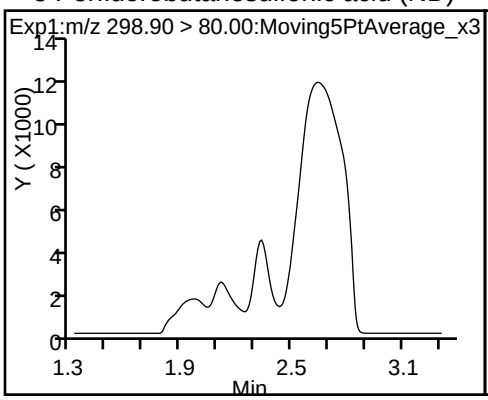
Review Flags
M - Manually Integrated

Report Date: 26-May-2017 14:33:13 Chrom Revision: 2.2 25-May-2017 18:29:58

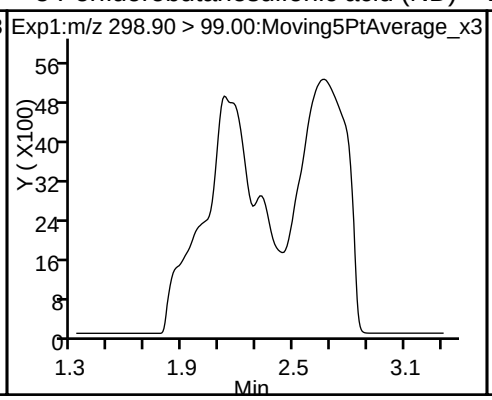
TestAmerica Sacramento

Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_059.d				
Injection Date:	26-May-2017 00:39:14	Instrument ID:	A8_N		
Lims ID:	320-28275-A-21-A	Lab Sample ID:	320-28275-21		
Client ID:	MEAFF-TA-4J_1984-SB01-0204				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	21	Worklist Smp#:	24
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		

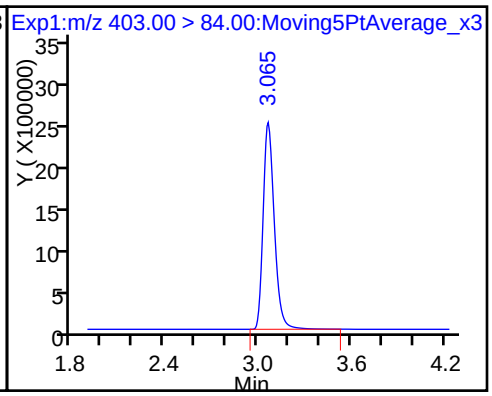
5 Perfluorobutanesulfonic acid (ND)



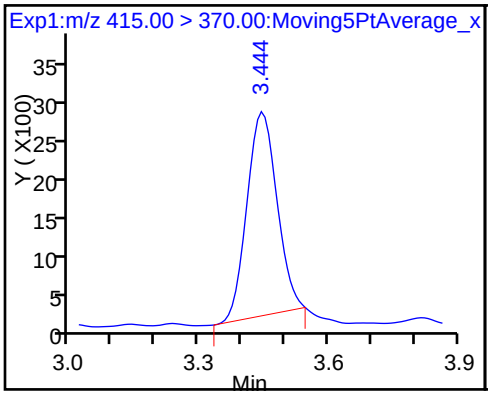
5 Perfluorobutanesulfonic acid (ND)



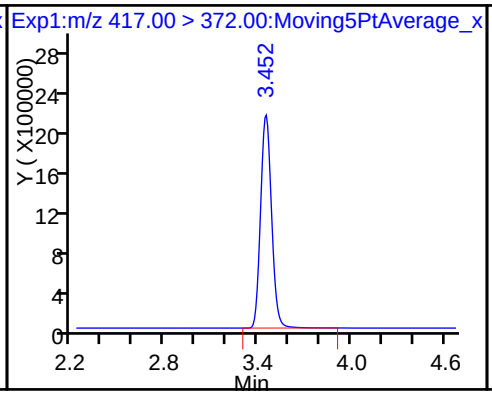
D 11 18O2 PFHxS



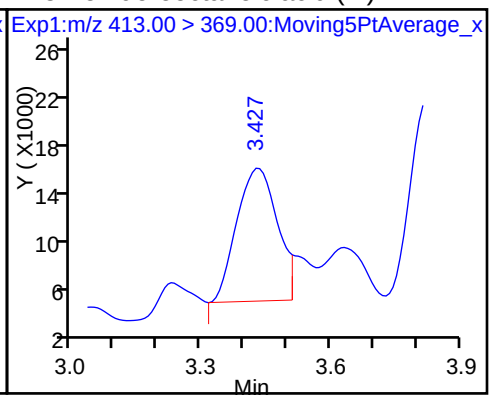
* 62 13C2-PFOA



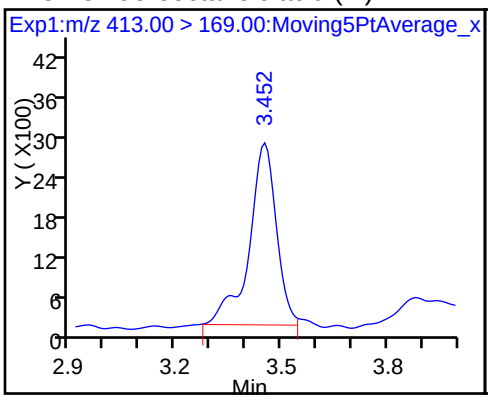
D 14 13C4 PFOA



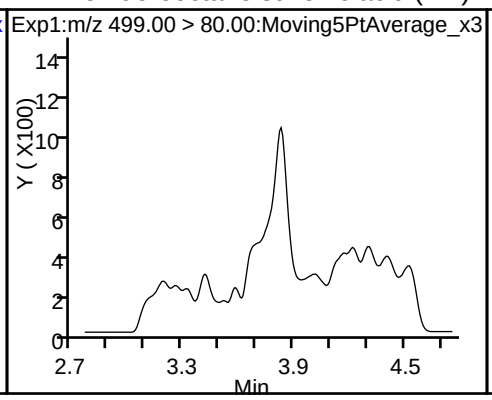
15 Perfluorooctanoic acid (M)



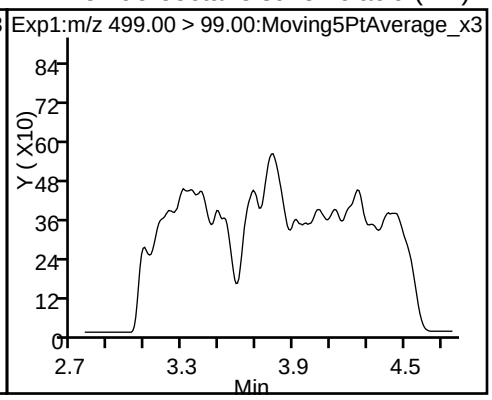
15 Perfluorooctanoic acid (M)



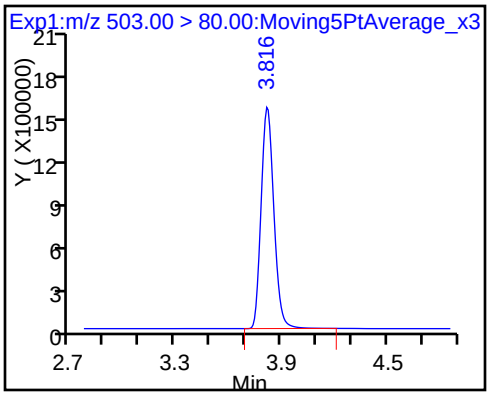
17 Perfluorooctane sulfonic acid (ND)



17 Perfluorooctane sulfonic acid (ND)



D 18 13C4 PFOS



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

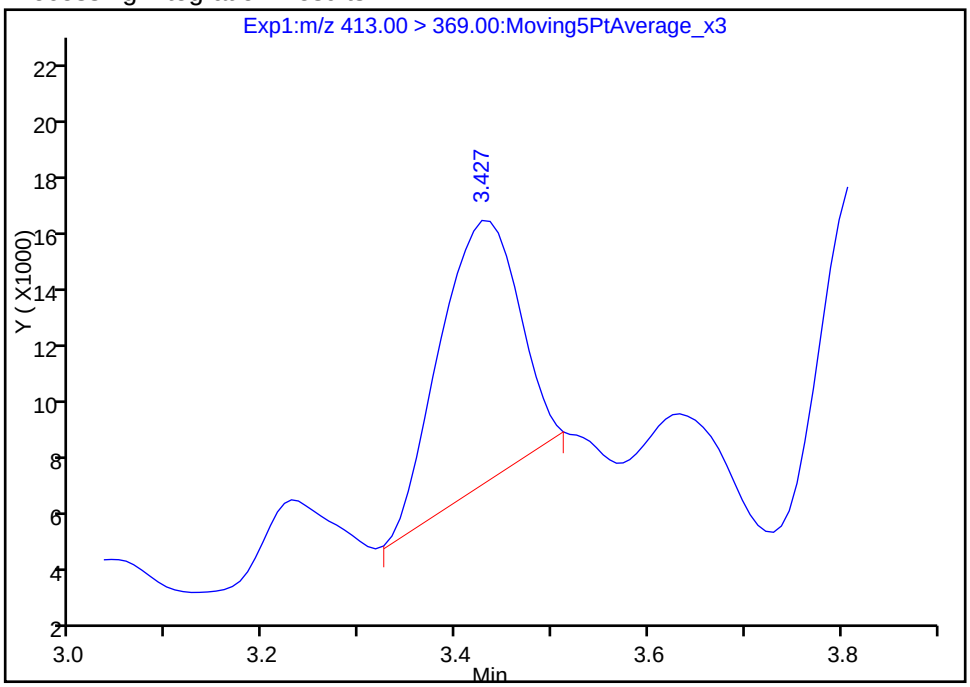
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_059.d				
Injection Date:	26-May-2017 00:39:14	Instrument ID:	A8_N		
Lims ID:	320-28275-A-21-A	Lab Sample ID:	320-28275-21		
Client ID:	MEAFF-TA-4J_1984-SB01-0204				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	21	Worklist Smp#:	24
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

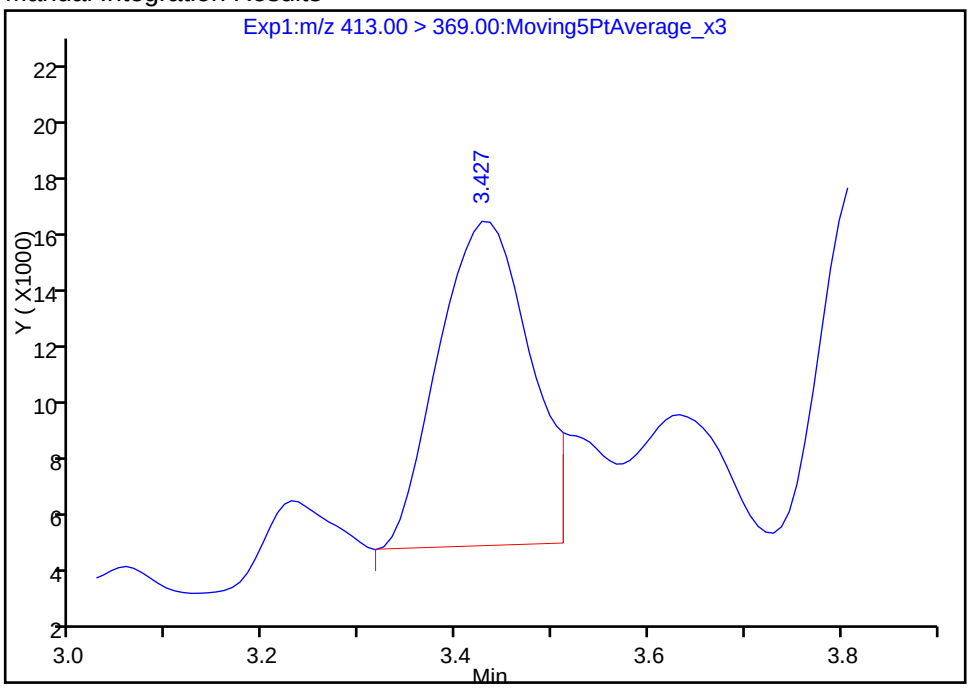
Processing Integration Results

RT: 3.43
Area: 50503
Amount: 0.212498
Amount Units: ng/ml



Manual Integration Results

RT: 3.43
Area: 70869
Amount: 0.298190
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:31:22

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

TestAmerica Sacramento

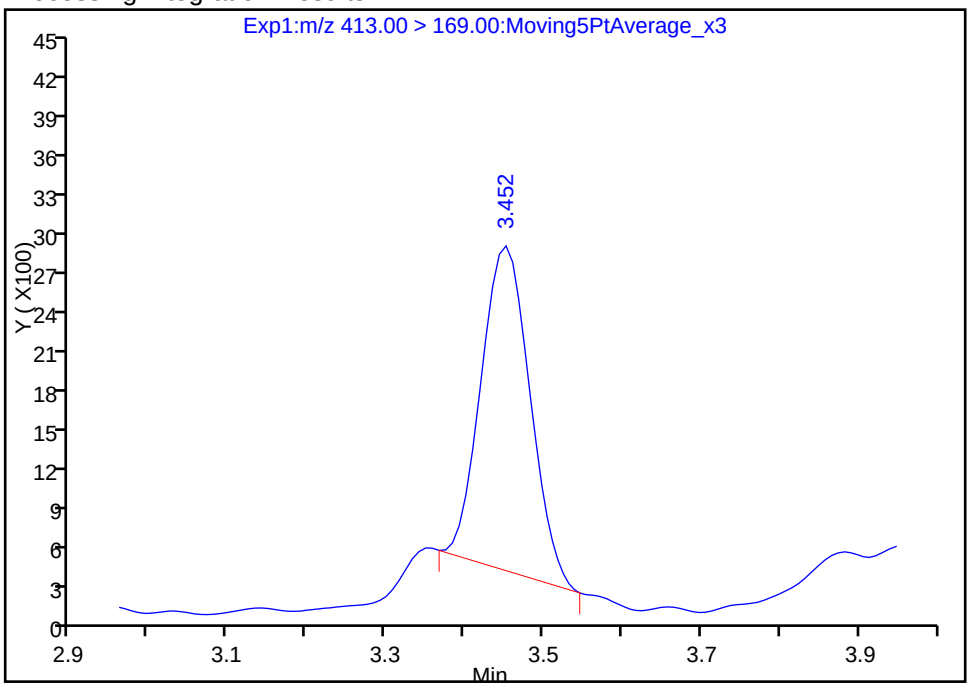
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_059.d				
Injection Date:	26-May-2017 00:39:14	Instrument ID:	A8_N		
Lims ID:	320-28275-A-21-A	Lab Sample ID:	320-28275-21		
Client ID:	MEAFF-TA-4J_1984-SB01-0204				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	21	Worklist Smp#:	24
Injection Vol:	2.0 ul	Dil. Factor:	1.0000		
Method:	A8_N	Limit Group:	LC PFC_DOD ICAL		
Column:		Detector	EXP1		

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

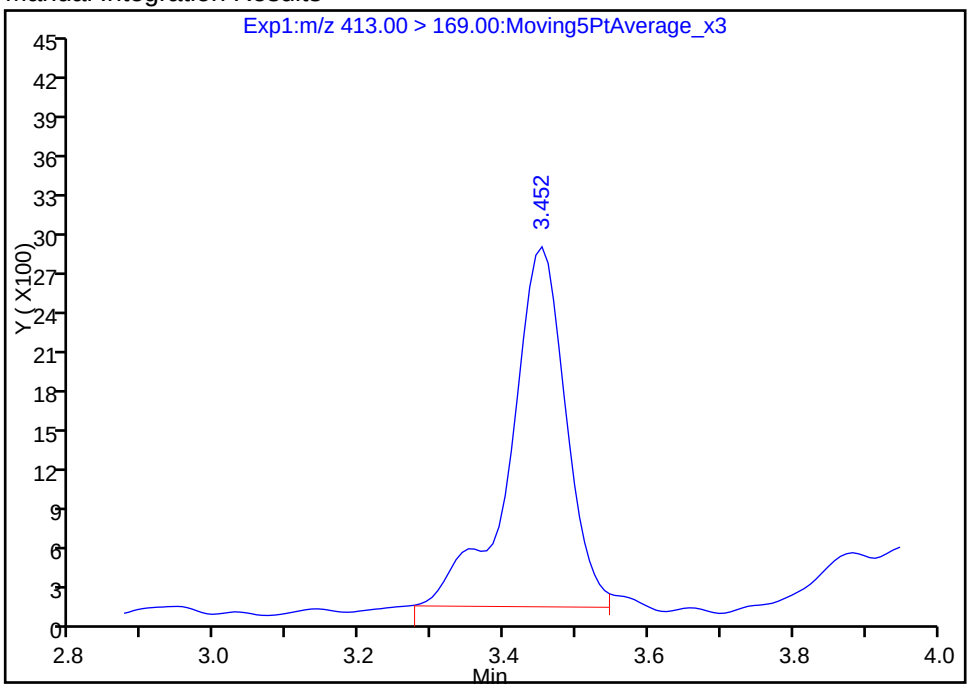
Processing Integration Results

RT: 3.45
Area: 10810
Amount: 0.212498
Amount Units: ng/ml



Manual Integration Results

RT: 3.45
Area: 14948
Amount: 0.298190
Amount Units: ng/ml



Reviewer: westendorfc, 26-May-2017 14:31:30

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-FD06-051217
Lab Sample ID: 320-28275-22
Matrix: Solid
Lab File ID: 2017.05.25C_060.d
Analysis Method: 537 (Modified)
Date Collected: 05/12/2017 00:00
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.01(g)
Date Analyzed: 05/26/2017 00:46
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 7.9
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.33	U	0.54	0.33	0.11
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.33	U	0.54	0.33	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.33	U	0.43	0.33	0.11

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	88		25-150
STL00991	13C4 PFOS	63		25-150
STL00994	18O2 PFHxS	80		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_060.d
Lims ID: 320-28275-A-22-A
Client ID: MEAFF-FD06-051217
Sample Type: Client
Inject. Date: 26-May-2017 00:46:45 ALS Bottle#: 22 Worklist Smp#: 25
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-22-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:33:10 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:31:57

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 11 18O2 PFHxS										
403.00 > 84.00	3.063	3.049	0.014		12235864	38.0		80.3	52559	
* 62 13C2-PFOA										
415.00 > 370.00	3.449	3.435	0.014		6533	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.449	3.444	0.005		9972126	44.0		87.9	50067	
D 18 13C4 PFOS										
503.00 > 80.00	3.823	3.811	0.012		7085968	30.2		63.2	10874	

Report Date: 26-May-2017 14:33:16 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_060.d

Injection Date: 26-May-2017 00:46:45 Instrument ID: A8_N

Lims ID: 320-28275-A-22-A Lab Sample ID: 320-28275-22

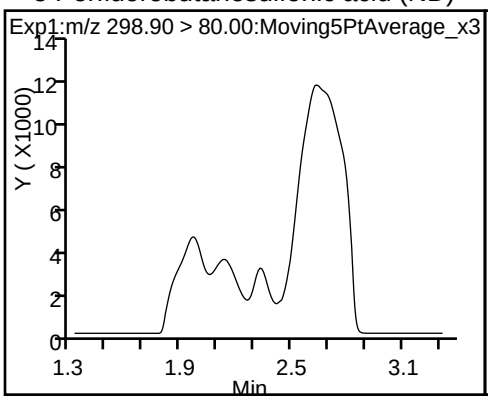
Client ID: MEAFF-FD06-051217

Operator ID: SACINSTLCMS01 ALS Bottle#: 22 Worklist Smp#: 25

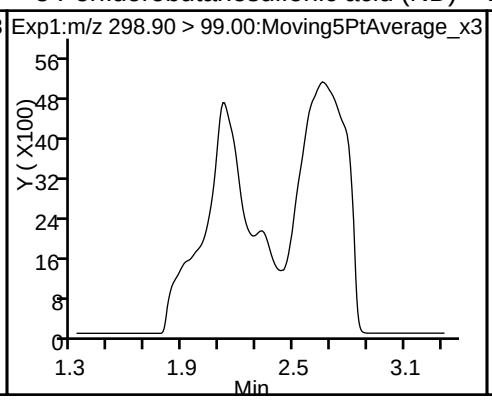
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

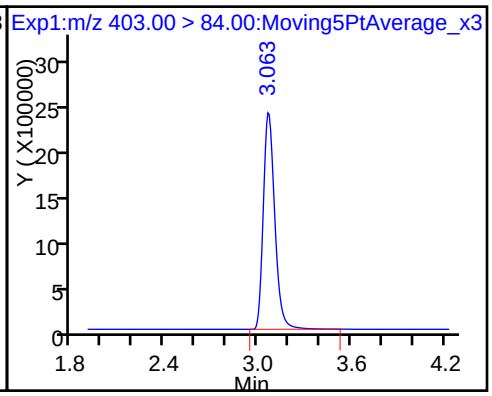
5 Perfluorobutanesulfonic acid (ND)



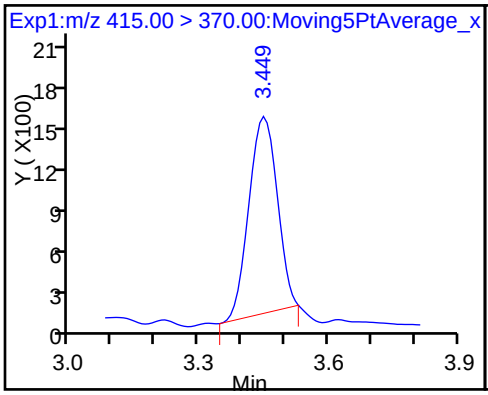
5 Perfluorobutanesulfonic acid (ND)



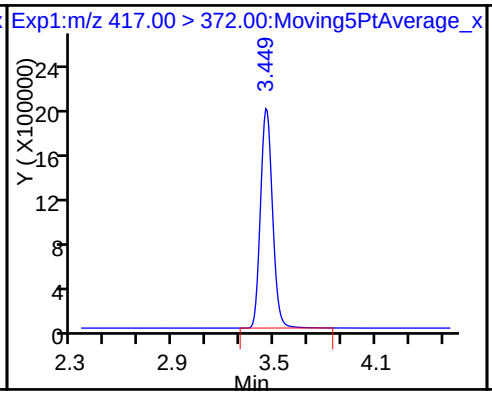
D 11 18O2 PFHxS



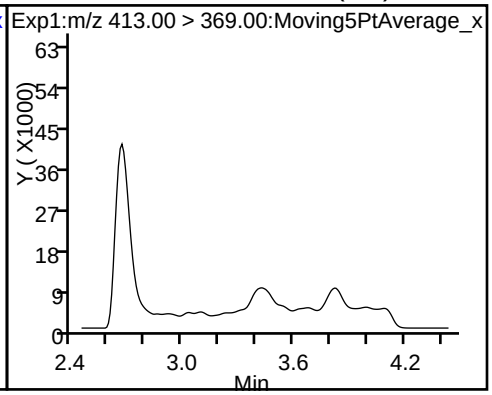
* 62 13C2-PFOA



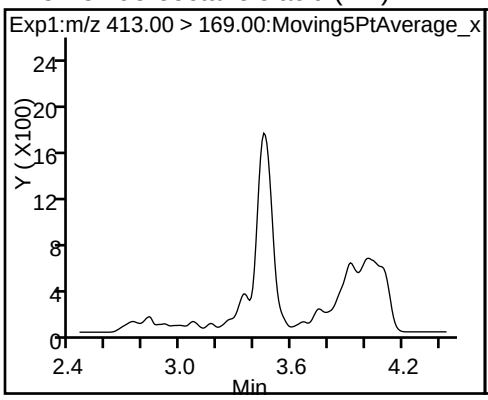
D 14 13C4 PFOA



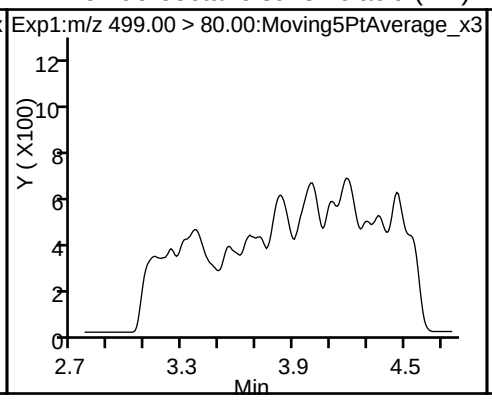
15 Perfluorooctanoic acid (ND)



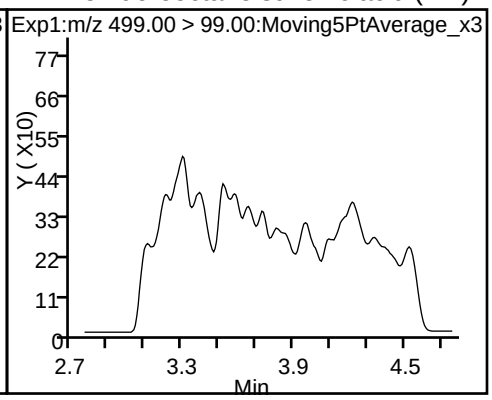
15 Perfluorooctanoic acid (ND)



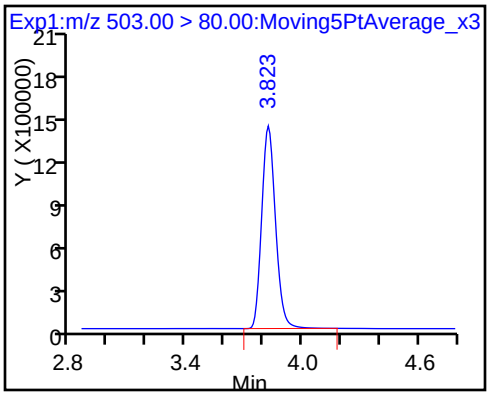
17 Perfluorooctane sulfonic acid (ND)



17 Perfluorooctane sulfonic acid (ND)



D 18 13C4 PFOS



FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165218

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/18/2017 17:49 Calibration End Date: 05/18/2017 18:35 Calibration ID: 30447

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-165218/2	2017.05.18AA_003.d
Level 2	IC 320-165218/3	2017.05.18AA_004.d
Level 3	IC 320-165218/4	2017.05.18AA_005.d
Level 4	IC 320-165218/5	2017.05.18AA_006.d
Level 5	IC 320-165218/6	2017.05.18AA_007.d
Level 6	IC 320-165218/7	2017.05.18AA_008.d
Level 7	IC 320-165218/8	2017.05.18AA_009.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
Perfluorobutanoic acid (PFBA)	1.943	1.936	1.961	1.969	1.976	1.976	1.976				1.712 - 2.212	1.962
Perfluoropentanoic acid (PFPeA)	2.288	2.299	2.309	2.329	2.338	2.328	2.328				2.067 - 2.567	2.317
Perfluorobutanesulfonic acid (PFBS)	2.327	2.339	2.349	2.369	2.378	2.368	2.368				2.177 - 2.537	2.357
4:2 FTS	2.620	2.631	2.645	2.664	2.662	2.659	2.652				2.398 - 2.898	2.648
Perfluorohexanoic acid (PFHxA)	2.658	2.680	2.684	2.712	2.711	2.707	2.700				2.443 - 2.943	2.693
Perfluoroheptanoic acid (PFHpA)	3.056	3.079	3.083	3.113	3.117	3.112	3.105				2.845 - 3.345	3.095
Perfluorohexanesulfonic acid (PFHxS)	+++++	3.087	3.092	3.121	3.117	3.121	3.105				2.851 - 3.351	3.107
6:2FTS	+++++	3.459	3.463	3.504	3.494	3.483	3.469				3.222 - 3.722	3.479
Perfluoroheptanesulfonic Acid (PFHpS)	3.452	3.475	3.485	3.512	3.509	3.506	3.499				3.241 - 3.741	3.491
Perfluorooctanoic acid (PFOA)	+++++	3.483	3.485	3.519	3.516	3.513	3.499				3.246 - 3.746	3.503
Perfluorooctanesulfonic acid (PFOS)	3.824	3.852	3.857	3.887	3.877	3.882	3.864				3.613 - 4.113	3.863
Perfluorononanoic acid (PFNA)	3.841	3.860	3.866	3.905	3.895	3.891	3.882				3.627 - 4.127	3.877
Perfluorooctane Sulfonamide (FOSA)	4.146	4.165	4.171	4.208	4.204	4.200	4.187				3.933 - 4.433	4.183
8:2FTS	4.187	4.206	4.212	4.245	4.232	4.237	4.224				3.970 - 4.470	4.220
Perfluorodecanoic acid (PFDA)	4.187	4.206	4.212	4.245	4.243	4.237	4.224				3.972 - 4.472	4.222
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	4.351	4.365	4.372	4.412	4.398	4.394	4.380				4.132 - 4.632	4.382
Perfluorodecanesulfonic acid (PFDS)	4.471	4.496	4.494	4.526	4.524	4.520	4.505				4.255 - 4.755	4.505
Perfluoroundecanoic acid (PFUnA)	4.499	4.516	4.523	4.556	4.543	4.550	4.535				4.282 - 4.782	4.532
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	4.499	4.526	4.533	4.566	4.553	4.560	4.544				4.290 - 4.790	4.540
MeFOSA	4.605	4.626	4.632	4.668	4.658	4.658	4.652				4.393 - 4.893	4.643
Perfluorododecanoic acid (PFDoA)	4.774	4.792	4.799	4.836	4.824	4.828	4.810				4.559 - 5.059	4.809
N-EtFOSA-M	4.774	4.792	4.799	4.836	4.824	4.828	4.819				4.560 - 5.060	4.810
Perfluorotridecanoic Acid (PFTriA)	5.023	5.045	5.048	5.081	5.069	5.076	5.059				4.807 - 5.307	5.057
Perfluorotetradecanoic acid (PFTeA)	5.257	5.275	5.273	5.309	5.300	5.300	5.290				5.036 - 5.536	5.286
Perfluoro-n-hexadecanoic acid (PFHxDA)	+++++	5.675	5.681	5.713	5.693	5.695	5.687				5.437 - 5.937	5.691
Perfluoro-n-octadecanoic acid (PFODA)	5.703	5.706	5.705	5.713	5.714	5.717	5.704				5.459 - 5.959	5.709
13C4 PFBA	1.935	1.936	1.953	1.961	1.976	1.976	1.968				1.708 - 2.208	1.958
13C5-PFPeA	2.288	2.290	2.309	2.329	2.328	2.328	2.318				2.063 - 2.563	2.313
13C2 PFHxA	2.658	2.680	2.693	2.712	2.711	2.707	2.700				2.444 - 2.944	2.694
13C4-PFHpA	3.056	3.079	3.083	3.113	3.117	3.112	3.105				2.845 - 3.345	3.095
18O2 PFHxS	3.063	3.087	3.092	3.121	3.117	3.121	3.105				2.851 - 3.351	3.101
M2-6:2FTS	3.435	3.459	3.463	3.504	3.494	3.483	3.469				3.222 - 3.722	3.472

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165218

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/18/2017 17:49 Calibration End Date: 05/18/2017 18:35 Calibration ID: 30447

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
13C4 PFOA	3.460	3.483	3.485	3.519	3.509	3.513	3.499				3.245 - 3.745	3.495
13C4 PFOS	3.824	3.852	3.857	3.887	3.877	3.882	3.864				3.613 - 4.113	3.863
13C5 PFNA	3.841	3.860	3.866	3.905	3.895	3.891	3.882				3.627 - 4.127	3.877
13C8 FOSA	4.146	4.165	4.171	4.208	4.195	4.200	4.187				3.932 - 4.432	4.182
13C2 PFDA	4.187	4.206	4.212	4.245	4.232	4.237	4.224				3.970 - 4.470	4.220
M2-8:2FTS	4.187	4.206	4.212	4.245	4.232	4.237	4.224				3.970 - 4.470	4.220
d3-NMeFOSAA	4.341	4.365	4.372	4.402	4.388	4.394	4.380				4.127 - 4.627	4.377
13C2 PFUnA	4.499	4.516	4.523	4.556	4.543	4.550	4.535				4.282 - 4.782	4.532
d5-NEtFOSAA	4.499	4.516	4.523	4.556	4.553	4.550	4.535				4.283 - 4.783	4.533
d-N-MeFOSA-M	4.596	4.618	4.624	4.660	4.648	4.658	4.643				4.385 - 4.885	4.635
d-N-EtFOSA-M	4.764	4.792	4.790	4.827	4.815	4.818	4.810				4.552 - 5.052	4.802
13C2 PFDoA	4.774	4.792	4.799	4.836	4.824	4.828	4.810				4.559 - 5.059	4.809
13C2-PFTeDA	5.257	5.275	5.273	5.309	5.300	5.300	5.290				5.036 - 5.536	5.286
13C2-PFHxDA	5.659	5.675	5.674	5.703	5.693	5.695	5.687				5.434 - 5.934	5.684

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165218

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/18/2017 17:49 Calibration End Date: 05/18/2017 18:35 Calibration ID: 30447

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-165218/2	2017.05.18AA_003.d
Level 2	IC 320-165218/3	2017.05.18AA_004.d
Level 3	IC 320-165218/4	2017.05.18AA_005.d
Level 4	IC 320-165218/5	2017.05.18AA_006.d
Level 5	IC 320-165218/6	2017.05.18AA_007.d
Level 6	IC 320-165218/7	2017.05.18AA_008.d
Level 7	IC 320-165218/8	2017.05.18AA_009.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
13C4 PFBA	393100 360068	383476 344701	369564 320492	347032	Ave		359775.926				6.9		50.0			
13C5-PFPeA	281993 240788	276441 226106	268234 207537	239722	Ave		248688.771				11.1		50.0			
13C2 PFHxA	273594 243153	266746 222849	255660 206095	236938	Ave		243576.428				9.9		50.0			
13C4-PFHpA	238952 202910	238938 195016	236311 163127	208073	Ave		211903.890				13.4		50.0			
18O2 PFHxS	328655 303865	332347 290012	324507 254911	296958	Ave		304465.150				9.0		50.0			
M2-6:2FTS	128901 152676	125609 105933	117684 96850	155261	Ave		126130.553				17.4		50.0			
13C4 PFOA	228960 228215	231767 185911	225643 156014	233029	Ave		212791.218				14.1		50.0			
13C4 PFOS	242352 230834	248589 222444	239433 191405	229903	Ave		229279.985				8.2		50.0			
13C5 PFNA	183079 164074	186638 154741	182512 132459	171456	Ave		167851.231				11.5		50.0			
13C8 FOSA	393052 376063	398827 348864	390425 293165	369469	Ave		367123.648				10.0		50.0			
13C2 PFDA	160037 137914	162067 138639	159436 114776	138655	Ave		144503.332				11.9		50.0			
M2-8:2FTS	103498 96125	108379 97614	102427 87348	98244	Ave		99090.7084				6.7		50.0			
d3-NMeFOSAA	65403 66128	70421 65506	67133 57067	62560	Ave		64888.2782				6.4		50.0			
13C2 PFUnA	115343 99979	116061 92303	107399 79716	101393	Ave		101741.816				12.7		50.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165218

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/18/2017 17:49 Calibration End Date: 05/18/2017 18:35 Calibration ID: 30447

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
d5-NEtFOSAA	68015 66704	70132 57760	67177 53049	61844	Ave		63525.8863				9.8		50.0			
d-N-MeFOSA-M	98447 101662	104565 102626	99219 94323	96003	Ave		99549.4207				3.7		50.0			
d-N-EtFOSA-M	90409 93501	99209 94139	94275 87437	93790	Ave		93251.3695				3.9		50.0			
13C2 PFDoA	106916 98427	110095 96172	105584 86047	98411	Ave		100235.822				8.1		50.0			
13C2-PFTeDA	212017 199106	228222 198111	217492 174394	205257	Ave		204942.739				8.4		50.0			
13C2-PFHxDA	118816 116027	132749 116592	125213 103555	115388	Ave		118334.379				7.6		50.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
LCMS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165218

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/18/2017 17:49 Calibration End Date: 05/18/2017 18:35 Calibration ID: 30447

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Perfluorobutanoic acid (PFBA)	1.0327 0.9705	1.0635 0.7983	1.0638	1.0725	1.0384	AveID		1.0057				9.7		35.0			
Perfluoropentanoic acid (PFPeA)	1.2288 1.0534	1.1477 0.9334	1.1137	1.1361	1.0880	AveID		1.1001				8.3		35.0			
Perfluorobutanesulfonic acid (PFBS)	1.7703 1.4207	1.7034 1.2400	1.6515	1.7732	1.6087	AveID		1.5954				12.4		50.0			
4:2 FTS	0.7592 0.8162	0.8344 0.8326	0.8836	0.6672	0.6105	AveID		0.7720				12.9		35.0			
Perfluorohexanoic acid (PFHxA)	1.0957 0.9983	1.1085 0.8889	1.0369	1.0571	1.0253	AveID		1.0301				7.1		35.0			
Perfluoroheptanoic acid (PFHpA)	1.1941 1.0579	1.1623 0.9949	1.1065	1.1692	1.1478	AveID		1.1189				6.3		35.0			
Perfluorohexanesulfonic acid (PFHxS)	+++++ 1.1563	1.3183 1.0470	1.1857	1.1855	1.1724	AveID		1.1776				7.4		35.0			
6:2FTS	+++++ 0.9169	1.0145 0.8312	1.1222	1.0071	0.9227	AveID		0.9691				10.4		35.0			
Perfluoroheptanesulfonic Acid (PFHpS)	1.3271 1.2396	1.3738 1.1039	1.3809	1.2965	1.3202	AveID		1.2917				7.4		50.0			
Perfluorooctanoic acid (PFOA)	+++++ 1.0857	1.3408 1.0105	1.1715	1.1552	1.1303	AveID		1.1490				9.6		35.0			
Perfluorooctanesulfonic acid (PFOS)	1.2297 1.2003	1.2122 1.1479	1.2070	1.1578	1.1928	AveID		1.1925				2.5		35.0			
Perfluorononanoic acid (PFNA)	1.1009 1.0403	1.0954 0.9684	1.0854	1.0974	1.1023	AveID		1.0700				4.6		35.0			
Perfluorooctane Sulfonamide (FOSA)	1.1491 0.9760	1.1659 0.8626	1.1010	1.1183	1.0284	AveID		1.0573				10.3		35.0			
8:2FTS	1.0555 0.8991	1.0478 0.8378	1.0314	1.0328	0.9248	AveID		0.9756				8.9		35.0			
Perfluorodecanoic acid (PFDA)	1.1103 0.9595	1.0383 0.9523	1.0251	1.0529	1.0263	AveID		1.0235				5.3		35.0			
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	1.0391 1.0144	1.0696 1.0717	1.0387	1.0952	1.0028	AveID		1.0474				3.2		35.0			
Perfluorodecanesulfonic acid (PFDS)	0.7108 0.6475	0.7332 0.6188	0.6899	0.6997	0.7067	AveID		0.6867				5.8		50.0			
Perfluoroundecanoic acid (PFUnA)	1.4002 1.1053	1.2995 1.0241	1.1676	1.1314	1.1163	AveID		1.1778				10.9		35.0			
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	0.9921 0.9666	0.9712 0.9402	0.9456	0.9608	0.9193	AveID		0.9565				2.5		35.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
LCMS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165218

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/18/2017 17:49 Calibration End Date: 05/18/2017 18:35 Calibration ID: 30447

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
MeFOSA	0.9493 0.9405	0.9282 0.9712	0.9917	0.9988	0.9692	AveID		0.9641				2.7		35.0			
Perfluorododecanoic acid (PFDoA)	1.0449 0.9794	1.0777 0.9133	1.0189	1.0380	1.0274	AveID		1.0142				5.3		35.0			
N-EtFOSA-M	0.9804 1.0018	1.0392 1.0299	1.0122	1.0258	1.0264	AveID		1.0165				2.0		35.0			
Perfluorotridecanoic Acid (PFTriA)	1.0753 0.9880	1.0649 0.9062	1.0209	1.0618	1.0284	AveID		1.0208				5.8		50.0			
Perfluorotetradecanoic acid (PFTeA)	2.7521 2.2154	2.5784 1.9353	2.4612	2.4220	2.3952	L2ID	0.2575	2.2722							0.9930		0.9900
Perfluoro-n-hexadecanoic acid (PFHxDA)	+++++ 1.1318	2.0992 1.0106	1.3225	1.1306	1.1262	L2ID	1.0111	1.0847							0.9980		0.9900
Perfluoro-n-octadecanoic acid (PFODA)	0.6309 0.0186	0.6118 0.0069	0.1327	0.1641	0.0491	L2ID	0.3258	0.0762							0.2920	*	0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165218

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/18/2017 17:49 Calibration End Date: 05/18/2017 18:35 Calibration ID: 30447

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-165218/2	2017.05.18AA_003.d
Level 2	IC 320-165218/3	2017.05.18AA_004.d
Level 3	IC 320-165218/4	2017.05.18AA_005.d
Level 4	IC 320-165218/5	2017.05.18AA_006.d
Level 5	IC 320-165218/6	2017.05.18AA_007.d
Level 6	IC 320-165218/7	2017.05.18AA_008.d
Level 7	IC 320-165218/8	2017.05.18AA_009.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
13C4 PFBA	Ave	19460393 17064389	18983941 15865924	18295237	17179781	17825161	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C5-PFPeA	Ave	13960064 11193387	13685196 10274111	13278899	11867435	11920185	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C2 PFHxA	Ave	13544264 11032136	13205265 10202707	12656413	11729614	12037274	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C4-PFHpA	Ave	11829297 9654269	11828598 8075596	11698570	10300646	10045065	49.5 49.5	49.5 49.5	49.5	49.5	49.5
18O2 PFHxS	Ave	15391459 13581773	15564361 11937927	15197212	13907066	14230510	46.8 46.8	46.8 46.8	46.8	46.8	46.8
M2-6:2FTS	Ave	6062194 4982011	5907344 4554829	5534640	7301861	7180298	47.0 47.0	47.0 47.0	47.0	47.0	47.0
13C4 PFOA	Ave	11334637 9203508	11473611 7723448	11170443	11536109	11297775	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C4 PFOS	Ave	11469706 10527539	11764908 9058593	11331600	10880543	10924619	47.3 47.3	47.3 47.3	47.3	47.3	47.3
13C5 PFNA	Ave	9063299 7660430	9239520 6557386	9035259	8487921	8122453	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C8 FOSA	Ave	19458019 17270518	19743900 14513103	19327989	18290567	18616970	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C2 PFDA	Ave	7922611 6863317	8023100 5682004	7892857	6864090	6827433	49.5 49.5	49.5 49.5	49.5	49.5	49.5
M2-8:2FTS	Ave	4908486 4629417	5139932 4142554	4857693	4659279	4558792	47.4 47.4	47.4 47.4	47.4	47.4	47.4
d3-NMeFOSAA	Ave	3237773 3242876	3486202 2825084	3323408	3097034	3273660	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C2 PFUnA	Ave	5710025 4569476	5745570 3946328	5316780	5019435	4949451	49.5 49.5	49.5 49.5	49.5	49.5	49.5
d5-NEtFOSAA	Ave	3367090 2859386	3471904 2626173	3325605	3061569	3302194	49.5 49.5	49.5 49.5	49.5	49.5	49.5

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165218

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/18/2017 17:49 Calibration End Date: 05/18/2017 18:35 Calibration ID: 30447

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
d-N-MeFOSA-M	Ave	4873619 5080484	5176509 4669475	4911826	4752638	5032773	49.5 49.5	49.5 49.5	49.5	49.5	49.5
d-N-EtFOSA-M	Ave	4475705 4660325	4911341 4328547	4667081	4643081	4628751	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C2 PFDoA	Ave	5292864 4760977	5450224 4259744	5226925	4871840	4872612	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C2-PFTeDA	Ave	10495881 9807456	11298135 8633362	10766952	10161237	9856738	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C2-PFHxDA	Ave	5881987 5771864	6571750 5126466	6198682	5712281	5743933	49.5 49.5	49.5 49.5	49.5	49.5	49.5

Curve Type Legend:
Ave = Average

FORM VI
LCMS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165218

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/18/2017 17:49 Calibration End Date: 05/18/2017 18:35 Calibration ID: 30447

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-165218/2	2017.05.18AA_003.d
Level 2	IC 320-165218/3	2017.05.18AA_004.d
Level 3	IC 320-165218/4	2017.05.18AA_005.d
Level 4	IC 320-165218/5	2017.05.18AA_006.d
Level 5	IC 320-165218/6	2017.05.18AA_007.d
Level 6	IC 320-165218/7	2017.05.18AA_008.d
Level 7	IC 320-165218/8	2017.05.18AA_009.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Perfluorobutanoic acid (PFBA)		AveID	200968 33120926	403784 50665081	1946323	7370440	18509390	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluoropentanoic acid (PFPeA)		AveID	171541 23581452	314123 38359854	1478826	5392820	12969293	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluorobutanesulfonic acid (PFBS)		AveID	254618 36061602	495499 55329474	2345385	9217599	21391921	0.438 87.5	0.875 175	4.38	17.5	43.8
4:2 FTS		AveID	45251 7995350	96918 14914612	480816	1915946	4309687	0.462 92.5	0.925 185	4.62	18.5	46.2
Perfluorohexanoic acid (PFHxA)		AveID	148406 22027127	292769 36277529	1312340	4959979	12342228	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluoroheptanoic acid (PFHpA)		AveID	141259 20425928	274962 32136426	1294392	4817415	11529318	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluorohexanesulfonic acid (PFHxS)		AveID	+++++ 30214382	394765 48095406	1733346	6343995	16049307	+++++ 90.1	0.901 180	4.50	18.0	45.0
6:2FTS		AveID	+++++ 9116988	119611 15111443	619778	2935423	6611247	+++++ 93.9	0.939 188	4.69	18.8	46.9
Perfluoroheptanesulfonic Acid (PFHpS)		AveID	151582 25989763	321908 39830651	1558288	5619108	14362385	0.471 94.3	0.943 189	4.71	18.9	47.1
Perfluorooctanoic acid (PFOA)		AveID	+++++ 19983699	307665 31219676	1308572	5330646	12770167	+++++ 99.0	0.990 198	4.95	19.8	49.5
Perfluorooctanesulfonic acid (PFOS)		AveID	136916 24532278	276864 40374788	1327664	4891254	12648705	0.459 91.9	0.919 184	4.59	18.4	45.9
Perfluorononanoic acid (PFNA)		AveID	99777 15938669	202422 25400960	980669	3725769	8953756	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluorooctane Sulfonamide (FOSA)		AveID	223601 33710607	460375 50073779	2127951	8181893	19145797	0.495 99.0	0.990 198	4.95	19.8	49.5
8:2FTS		AveID	51809 8324445	107715 13881724	501022	1924859	4216009	0.474 94.9	0.949 190	4.74	19.0	47.4
Perfluorodecanoic acid (PFDA)		AveID	87964 13171385	166611 21643754	809095	2891007	7006930	0.495 99.0	0.990 198	4.95	19.8	49.5

FORM VI
LCMS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165218

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/18/2017 17:49 Calibration End Date: 05/18/2017 18:35 Calibration ID: 30447

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)		AveID	33643 6578893	74579 12110986	345219	1356715	3282771	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluorodecanesulfonic acid (PFDS)		AveID	82207 13747432	173961 22610222	788282	3070644	7785353	0.477 95.4	0.954 191	4.77	19.1	47.7
Perfluoroundecanoic acid (PFUnA)		AveID	79954 10101592	149330 16166231	620793	2271604	5524902	0.495 99.0	0.990 198	4.95	19.8	49.5
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)		AveID	33405 5527550	67436 9876739	314485	1176636	3035592	0.495 99.0	0.990 198	4.95	19.8	49.5
MeFOSA		AveID	46266 9556465	96095 18140541	487115	1898682	4877524	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluorododecanoic acid (PFDoA)		AveID	55305 9326044	117474 15560936	532575	2022773	5005911	0.495 99.0	0.990 198	4.95	19.8	49.5
N-EtFOSA-M		AveID	43882 9337435	102079 17831319	472415	1905108	4751037	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluorotridecanoic Acid (PFTriA)		AveID	56912 9408129	116074 15441316	533601	2069185	5011159	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluorotetradecanoic acid (PFTeA)		L2ID	145663 21094582	281059 32976107	1286450	4719782	11670758	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluoro-n-hexadecanoic acid (PFHxDA)		L2ID	+++++ 10776803	228818 17218840	691271	2203215	5487449	+++++ 99.0	0.990 198	4.95	19.8	49.5
Perfluoro-n-octadecanoic acid (PFODA)		L2ID	33391 176654	66686 117189	69370	319700	239292	0.495 99.0	0.990 198	4.95	19.8	49.5

Curve Type Legend:

AveID = Average isotope dilution
L2ID = Linear 1/conc^2 IsoDil

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_003.d
Lims ID: IC L1 Full
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 18-May-2017 17:49:55 ALS Bottle#: 28 Worklist Smp#: 2
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: L1-FULL
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 11:09:20 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK021

First Level Reviewer: westendorfc Date: 19-May-2017 08:15:18

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.935	1.958	-0.023		19460393	54.1		109	80622	
2 Perfluorobutyric acid										
212.90 > 169.00	1.943	1.962	-0.019	1.000	200968	0.5084		103	62.3	
D 3 13C5-PFPeA										
267.90 > 223.00	2.288	2.313	-0.025		13960064	56.1		113	193592	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.288	2.317	-0.029	1.000	171541	0.5529		112	46.5	
D 47 13C3-PFBS										
301.90 > 83.00	2.327	2.352	-0.025		315057	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.327	2.357	-0.030	1.000	254618	0.4856		111		
298.90 > 99.00	2.327	2.357	-0.030	1.000	102662		2.48(0.00-0.00)	111		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.620	2.648	-0.028	1.000	45251	0.4548		98.4		
6 Perfluorohexanoic acid										
313.00 > 269.00	2.658	2.693	-0.035	1.000	148406	0.5266		106	423	
D 7 13C2 PFHxA										
315.00 > 270.00	2.658	2.694	-0.036		13544264	55.6		112	122265	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.056	3.095	-0.039	1.000	141259	0.5283		107	128	
D 9 13C4-PFHpA										
367.00 > 322.00	3.056	3.095	-0.039		11829297	55.8		113	42312	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.063	3.101	-0.038	1.000	219923	0.5683		126		
D 11 18O2 PFHxS										
403.00 > 84.00	3.063	3.101	-0.038		15391459	50.6		108	41844	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.435	3.472	-0.037	1.000	124690	1.00		213		
D 12 M2-6:2FTS										
429.00 > 409.00	3.435	3.472	-0.037		6062194	48.1		102		
* 62 13C2-PFOA										
415.00 > 370.00	3.452	3.491	-0.039		10580851	49.5				
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.452	3.491	-0.039	1.000	151582	0.4842		103		
D 14 13C4 PFOA										
417.00 > 372.00	3.460	3.495	-0.035		11334637	53.3		108	34532	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.460	3.496	-0.036	1.000	170144	0.6468		131	14.7	
413.00 > 169.00	3.460	3.496	-0.036	1.000	84338		2.02(0.90-1.10)	131	378	
D 18 13C4 PFOS										
503.00 > 80.00	3.824	3.863	-0.039		11469706	50.0		106	28180	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.824	3.863	-0.039	1.000	136916	0.4737		103	627	
499.00 > 99.00	3.824	3.863	-0.039	1.000	30448		4.50(0.90-1.10)	103	269	
20 Perfluorononanoic acid										
463.00 > 419.00	3.841	3.877	-0.036	1.000	99777	0.5093		103	131	
D 19 13C5 PFNA										
468.00 > 423.00	3.841	3.877	-0.036		9063299	54.0		109	26148	
D 21 13C8 FOSA										
506.00 > 78.00	4.146	4.182	-0.036		19458019	53.0		107	17923	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.146	4.183	-0.037	1.000	223601	0.5380		109	2734	
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.187	4.220	-0.033	1.000	51809	0.5131		108		
D 26 M2-8:2FTS										
529.00 > 509.00	4.187	4.220	-0.033		4908486	49.5		104		
D 23 13C2 PFDA										
515.00 > 470.00	4.187	4.220	-0.033		7922611	54.8		111	8787	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.187	4.222	-0.035	1.000	87964	0.5370		108	225	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.341	4.377	-0.036		3237773	49.9		101		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.351	4.382	-0.031	1.002	33643	0.4911		99.2		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.471	4.505	-0.034	1.000	82207	0.4940		104		
D 30 13C2 PFUnA										
565.00 > 520.00	4.499	4.532	-0.033		5710025	56.1		113	14956	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.499	4.532	-0.033	1.000	79954	0.5886		119	186	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.499	4.533	-0.034		3367090	53.0		107		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.499	4.540	-0.041	1.000	33405	0.5135		104		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.596	4.635	-0.039		4873619	49.0		98.9		
35 MeFOSA										
512.00 > 169.00	4.605	4.643	-0.038	1.000	46266	0.4874		98.5		
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.764	4.802	-0.038		4475705	48.0		97.0		
D 36 13C2 PFDoA										
615.00 > 570.00	4.774	4.809	-0.035		5292864	52.8		107	6201	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.774	4.809	-0.035	1.000	55305	0.5100		103	14.2	
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.774	4.810	-0.036	1.000	43882	0.4775		96.4		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.023	5.057	-0.034	1.000	56912	0.5215		105	4.7	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.257	5.286	-0.029		10495881	51.2		103	4201	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.257	5.286	-0.029	1.000	145663	0.4863		98.2	1.9	
713.00 > 169.00	5.248	5.286	-0.038	0.998	22205		6.56(0.00-0.00)	98.2	85.6	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.659	5.684	-0.025		5881987	49.7		100	2009	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.666	5.687	-0.021	1.000	149318	0.3553		71.8	6.1	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.703	5.709	-0.006	1.000	33391	-0.1767			118	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L1_00002 Amount Added: 1.00 Units: mL

Report Date: 19-May-2017 11:09:21 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_003.d

Injection Date: 18-May-2017 17:49:55 Instrument ID: A8_N

Lims ID: IC L1 Full

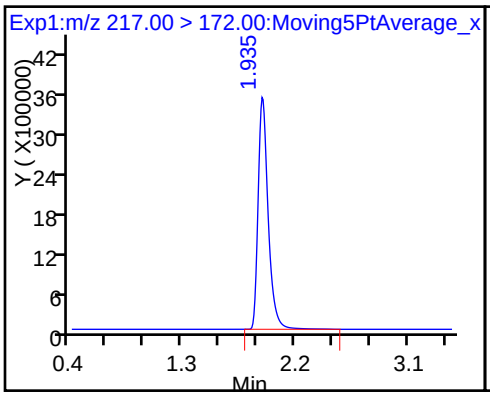
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 28 Worklist Smp#: 2

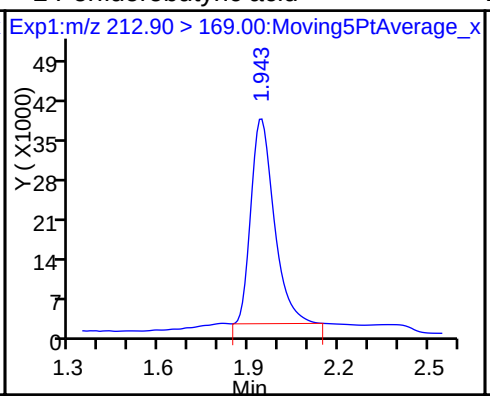
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

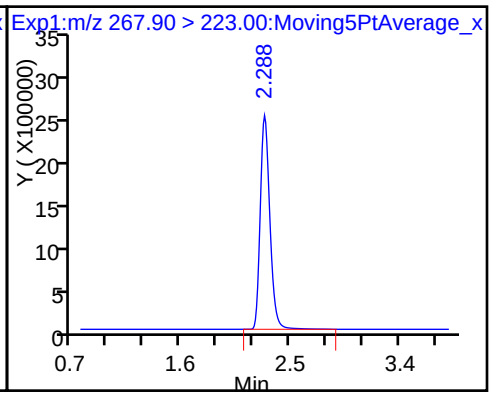
D 1 13C4 PFBA



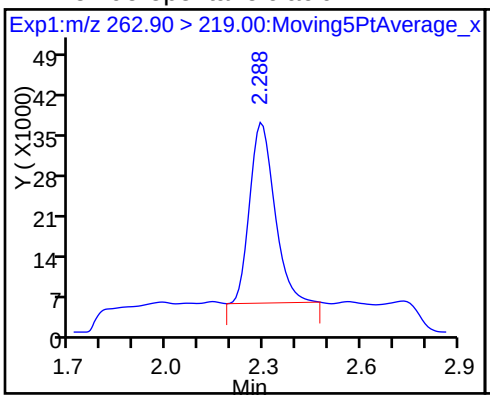
2 Perfluorobutyric acid



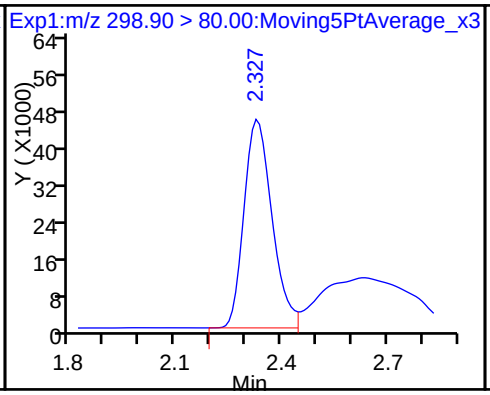
D 3 13C5-PFPeA



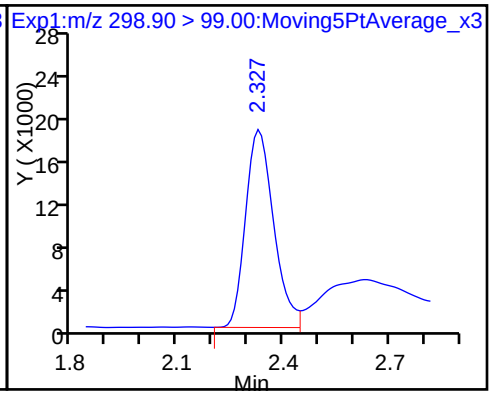
4 Perfluoropentanoic acid



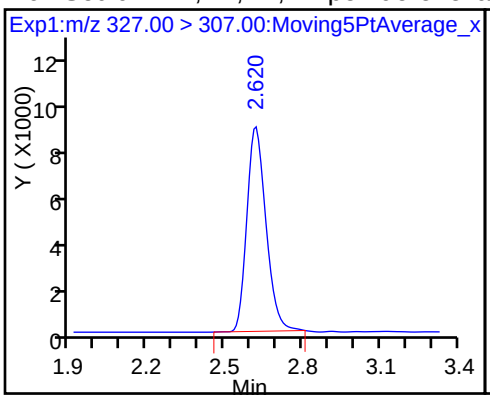
5 Perfluorobutanesulfonic acid



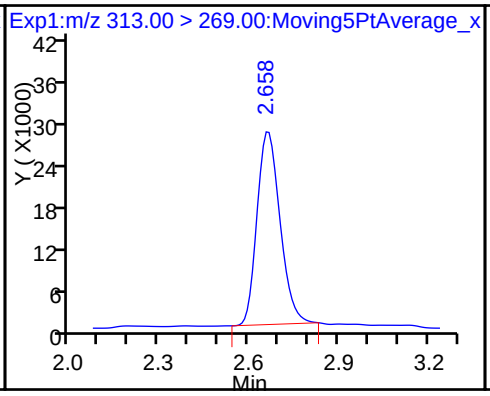
5 Perfluorobutanesulfonic acid



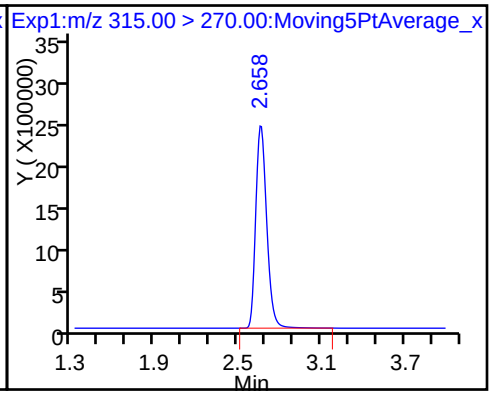
61 Sodium 1H,1H,2H,2H-perfluorohexane



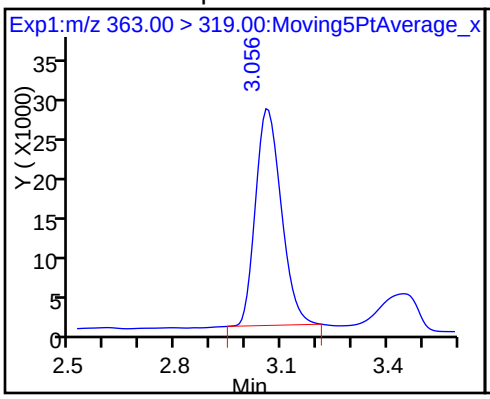
6 Perfluorohexanoic acid



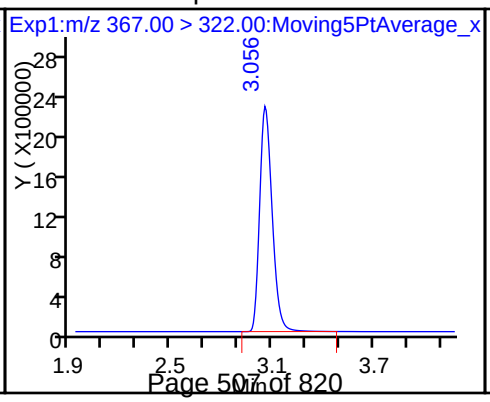
D 7 13C2 PFHxA



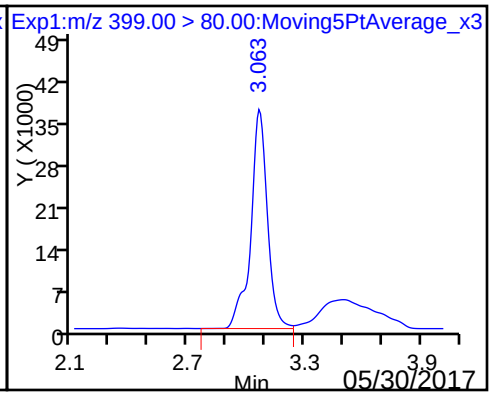
10 Perfluoroheptanoic acid



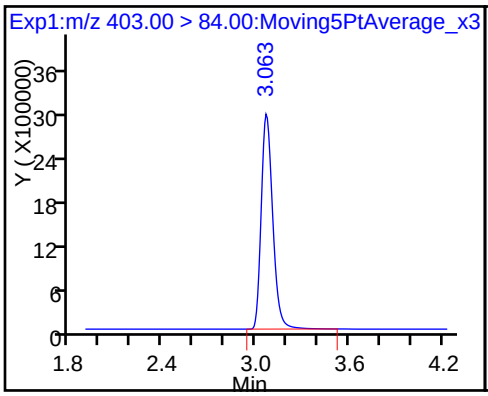
D 9 13C4-PFHpA



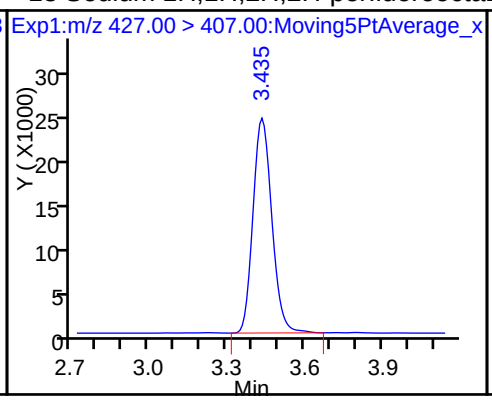
8 Perfluorohexanesulfonic acid



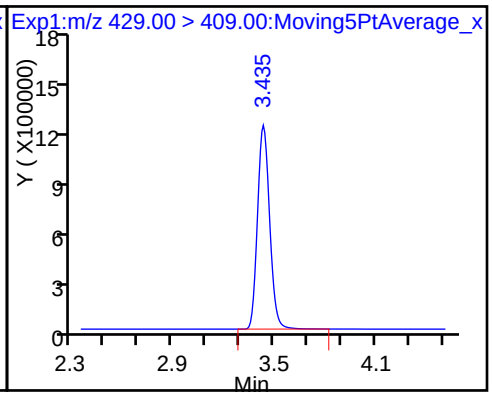
D 11 18O2 PFHxS



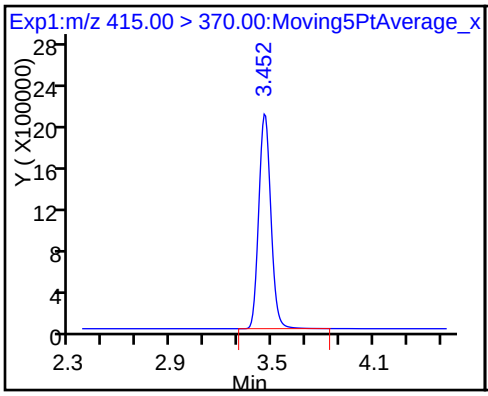
13 Sodium 1H,1H,2H,2H-perfluorooctane



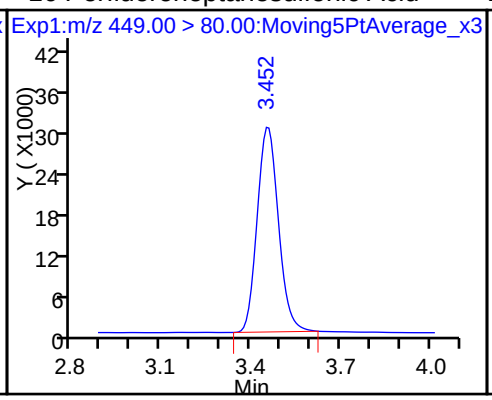
D 12 M2-6:2FTS



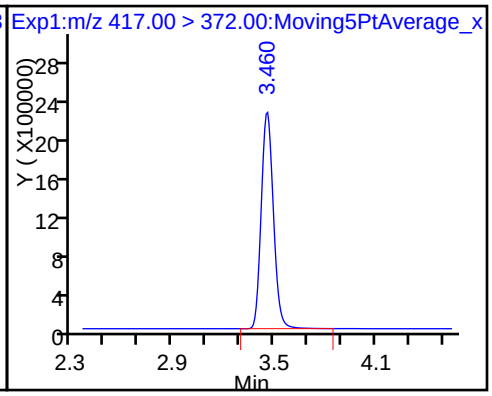
* 62 13C2-PFOA



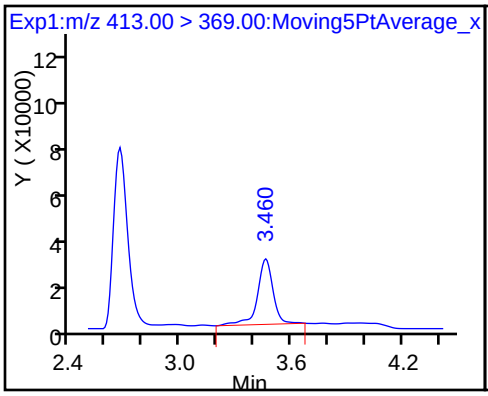
16 Perfluoroheptanesulfonic Acid



D 14 13C4 PFOA



15 Perfluorooctanoic acid



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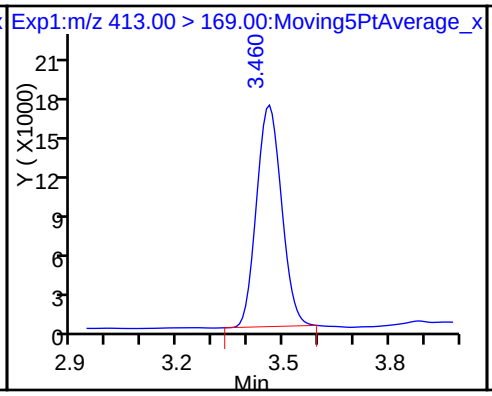
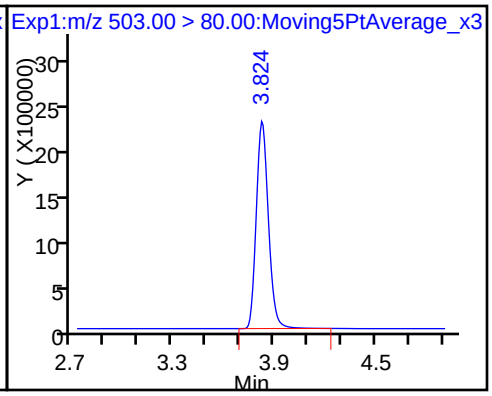
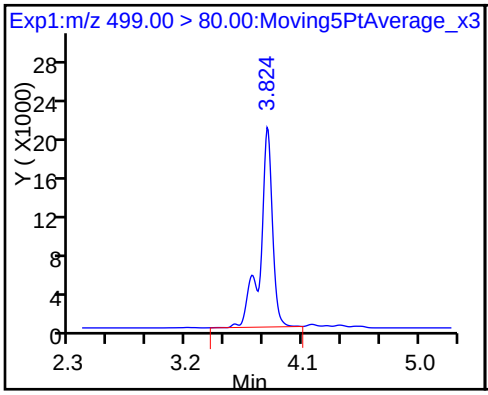


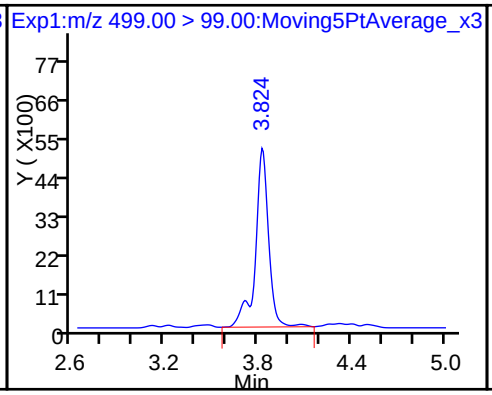
D 18 13C4 PFOS



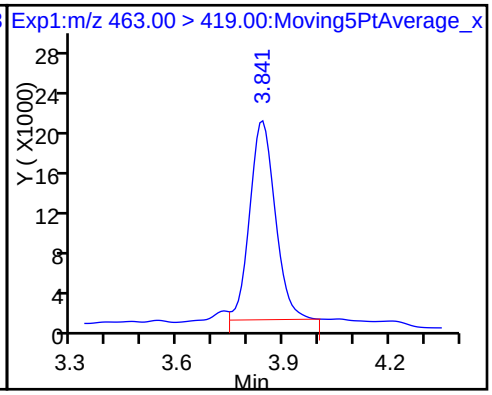
17 Perfluorooctane sulfonic acid



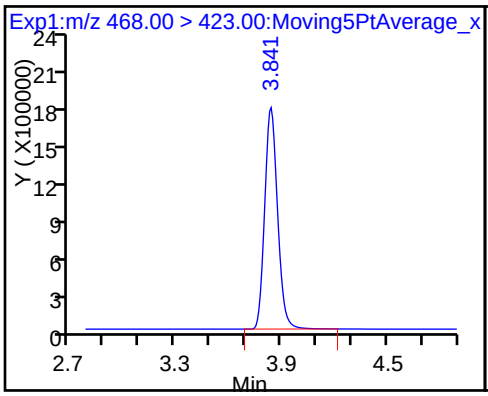
17 Perfluorooctane sulfonic acid



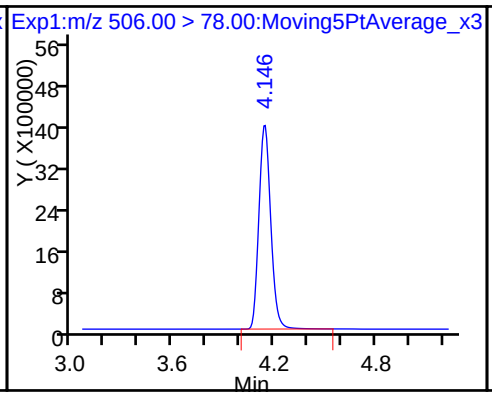
20 Perfluorononanoic acid



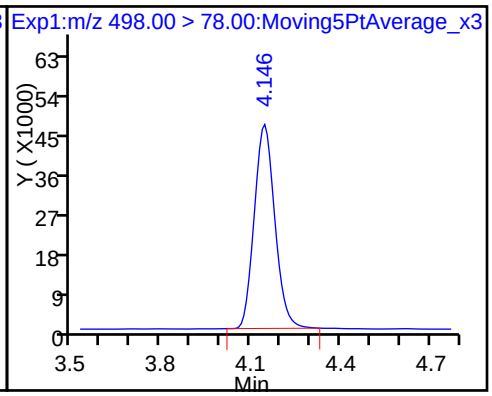
D 19 13C5 PFNA



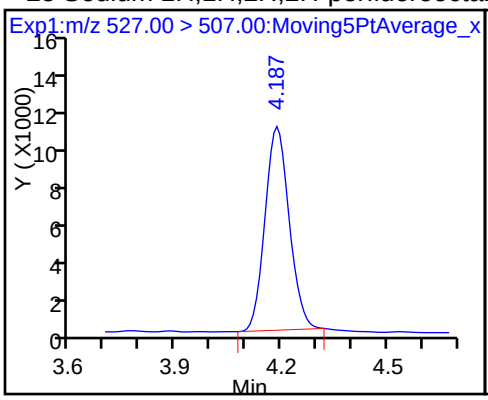
D 21 13C8 FOSA



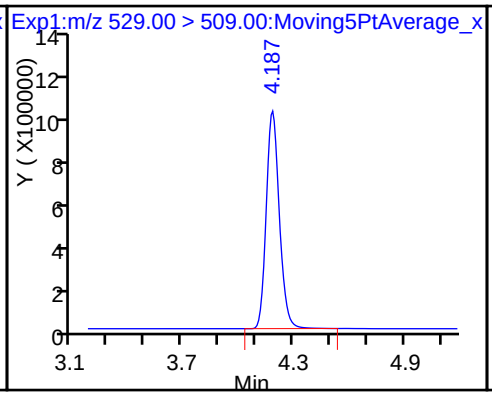
22 Perfluorooctane Sulfonamide



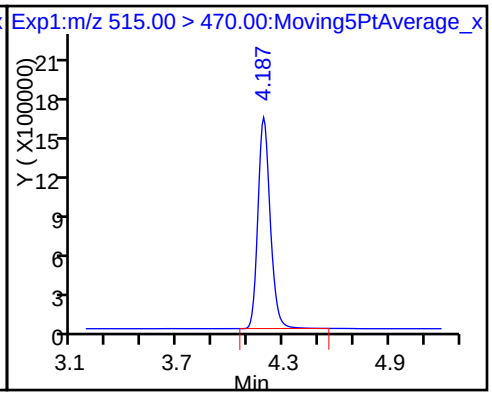
25 Sodium 1H,1H,2H,2H-perfluorooctane



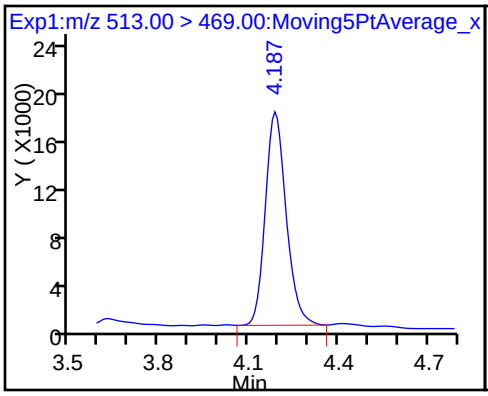
D 26 M2-8:2FTS



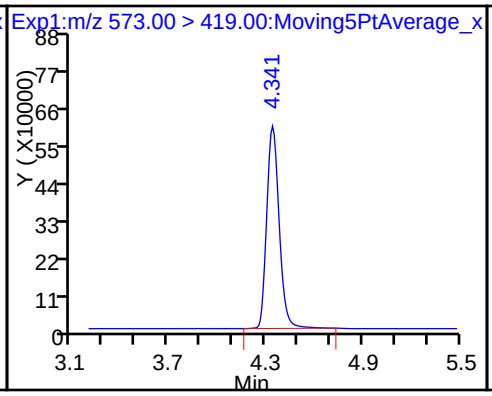
D 23 13C2 PFDA



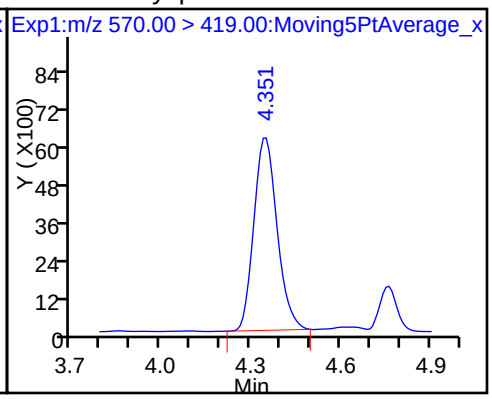
24 Perfluorodecanoic acid



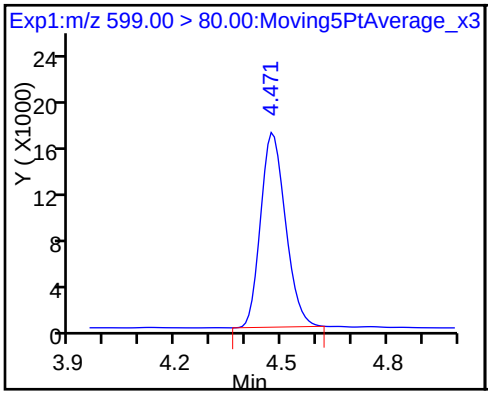
D 27 d3-NMeFOSAA



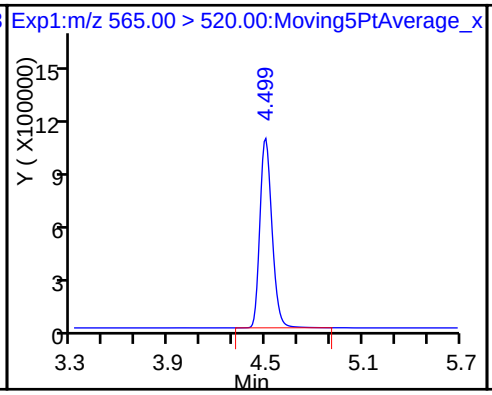
28 N-methyl perfluorooctane sulfonami



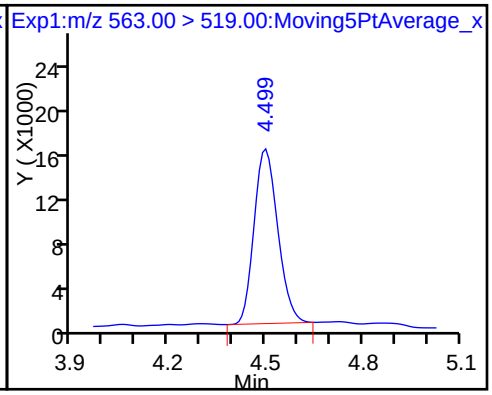
29 Perfluorodecane Sulfonic acid



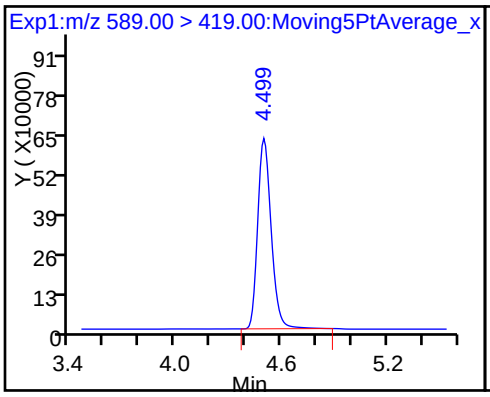
D 30 13C2 PFUnA



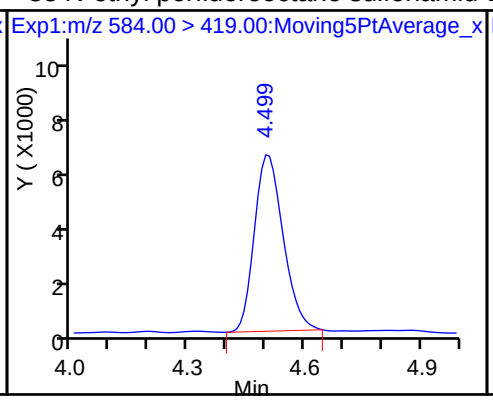
31 Perfluoroundecanoic acid



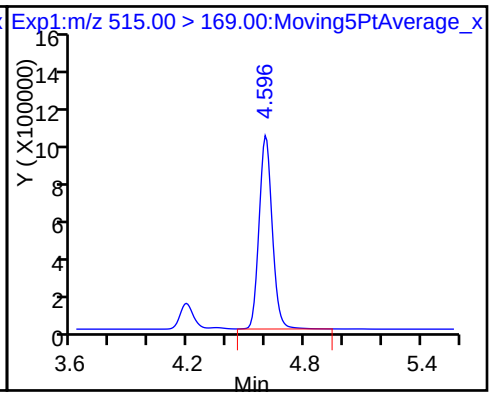
D 32 d5-NEtFOSAA



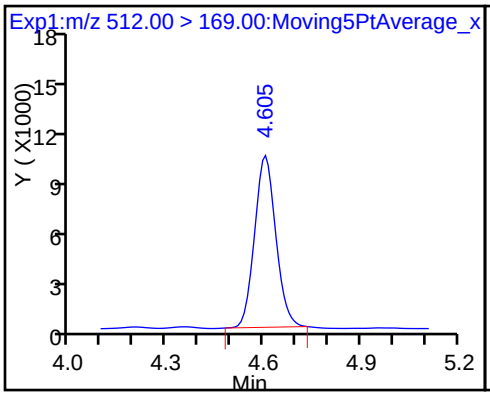
33 N-ethyl perfluorooctane sulfonamid



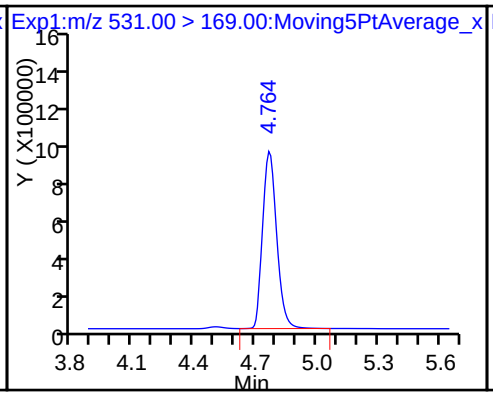
D 34 d-N-MeFOSA-M



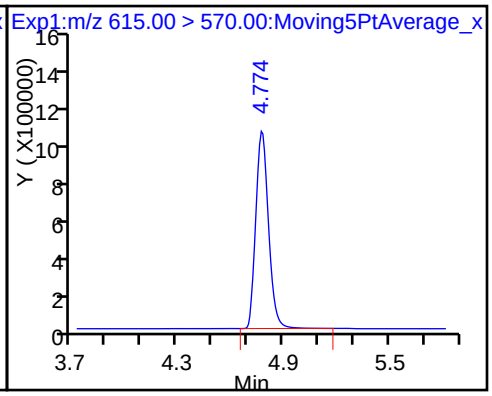
35 MeFOSA



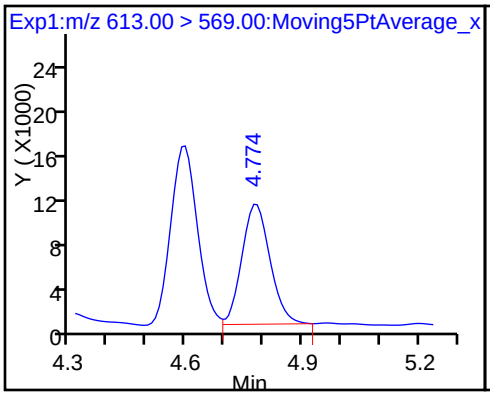
D 38 d-N-EtFOSA-M



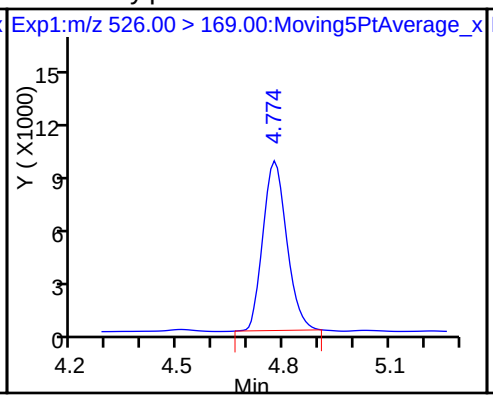
D 36 13C2 PFDoA



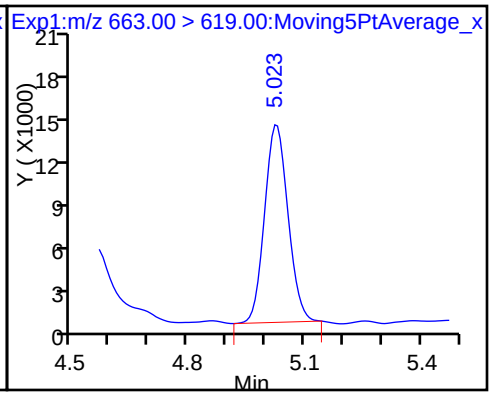
37 Perfluorododecanoic acid



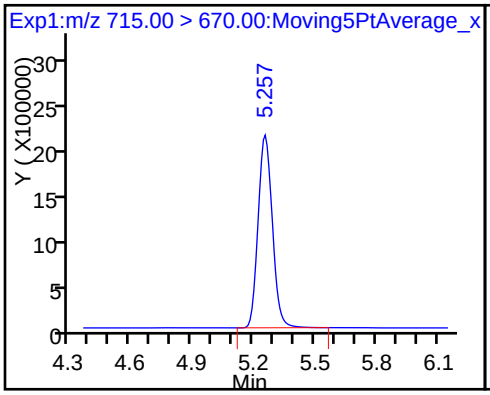
39 N-ethylperfluoro-1-octanesulfonami



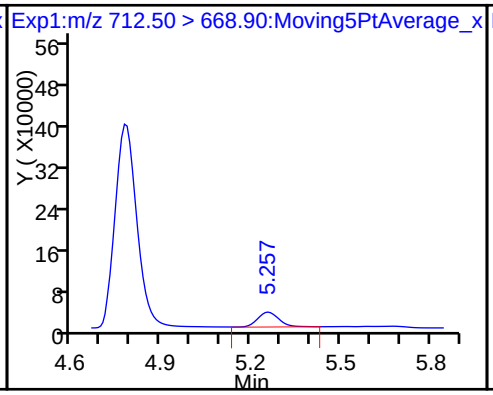
41 Perfluorotridecanoic acid



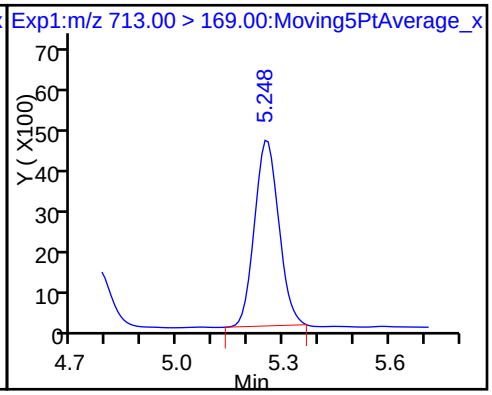
D 43 13C2-PFTeDA



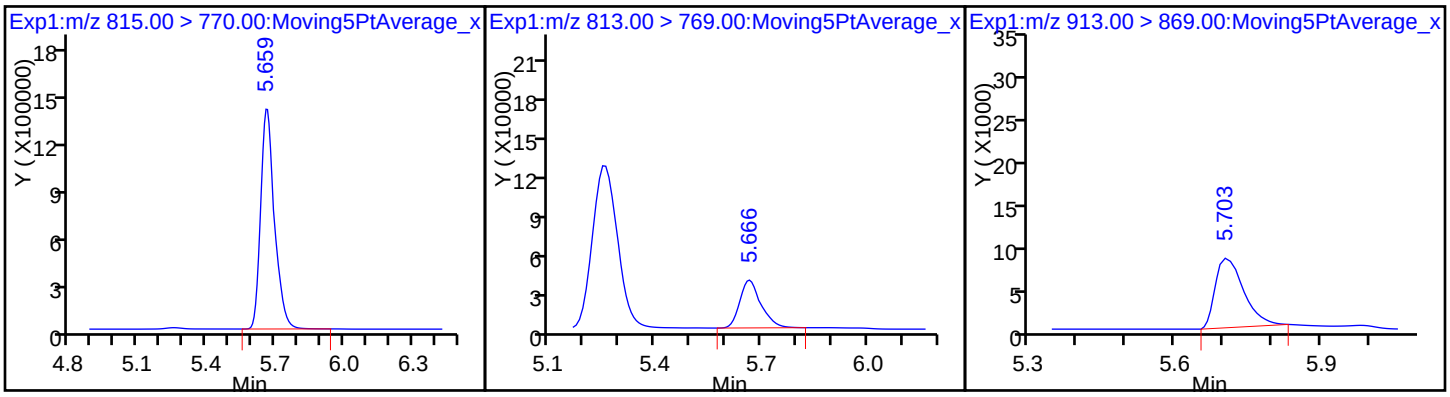
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_004.d
Lims ID: IC L2 Full
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 18-May-2017 17:57:25 ALS Bottle#: 29 Worklist Smp#: 3
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: L2-FULL
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 11:09:24 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK021

First Level Reviewer: westendorfc Date: 19-May-2017 08:19:06

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.936	1.958	-0.022		18983941	52.8		107	220590	
2 Perfluorobutyric acid										
212.90 > 169.00	1.936	1.962	-0.026	1.000	403784	1.05		106	124	
D 3 13C5-PFPeA										
267.90 > 223.00	2.290	2.313	-0.023		13685196	55.0		111	405902	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.299	2.317	-0.018	1.000	314123	1.03		104	86.5	
D 47 13C3-PFBS										
301.90 > 83.00	2.329	2.352	-0.023		321372	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.339	2.357	-0.018	1.000	495499	0.9345		107		
298.90 > 99.00	2.329	2.357	-0.028	0.996	199983		2.48(0.00-0.00)	107		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.631	2.648	-0.017	1.000	96918	1.00		108		
6 Perfluorohexanoic acid										
313.00 > 269.00	2.680	2.693	-0.013	1.000	292769	1.07		108	872	
D 7 13C2 PFHxA										
315.00 > 270.00	2.680	2.694	-0.014		13205265	54.2		110	335645	
D 9 13C4-PFHpA										
367.00 > 322.00	3.079	3.095	-0.016		11828598	55.8		113	53704	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.079	3.095	-0.016	1.000	274962	1.03		104	256	
D 11 18O2 PFHxS										
403.00 > 84.00	3.087	3.101	-0.014		15564361	51.1		109	75139	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.087	3.101	-0.014	1.000	394765	1.01		112		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2FTS										
429.00 > 409.00	3.459	3.472	-0.013		5907344	46.8		99.6		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.459	3.472	-0.013	1.000	119611	0.9826		105		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.475	3.491	-0.016	1.000	321908	1.00		106		
* 62 13C2-PFOA										
415.00 > 370.00	3.475	3.491	-0.016		11135712	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.483	3.495	-0.012		11473611	53.9		109	48252	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.483	3.496	-0.013	1.000	307665	1.16		117	27.7	
413.00 > 169.00	3.483	3.496	-0.013	1.000	158423		1.94(0.90-1.10)	117	695	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.852	3.863	-0.011	1.000	276864	0.9339		102	1591	
499.00 > 99.00	3.852	3.863	-0.011	1.000	60086		4.61(0.90-1.10)	102	752	
D 18 13C4 PFOS										
503.00 > 80.00	3.852	3.863	-0.011		11764908	51.3		108	51902	
D 19 13C5 PFNA										
468.00 > 423.00	3.860	3.877	-0.017		9239520	55.0		111	42798	
20 Perfluorononanoic acid										
463.00 > 419.00	3.860	3.877	-0.017	1.000	202422	1.01		102	304	
D 21 13C8 FOSA										
506.00 > 78.00	4.165	4.182	-0.017		19743900	53.8		109	33956	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.165	4.183	-0.018	1.000	460375	1.09		110	4393	
D 23 13C2 PFDA										
515.00 > 470.00	4.206	4.220	-0.014		8023100	55.5		112	12197	
D 26 M2-8:2FTS										
529.00 > 509.00	4.206	4.220	-0.014		5139932	51.9		109		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.206	4.220	-0.014	1.000	107715	1.02		107		
24 Perfluorodecanoic acid										
513.00 > 469.00	4.206	4.222	-0.016	1.000	166611	1.00		101	340	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.365	4.377	-0.012		3486202	53.7		109		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.365	4.382	-0.017	1.000	74579	1.01		102		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.496	4.505	-0.009	1.000	173961	1.02		107		
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.516	4.532	-0.016	1.000	149330	1.09		110	434	
D 30 13C2 PFUnA										
565.00 > 520.00	4.516	4.532	-0.016		5745570	56.5		114	11411	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.516	4.533	-0.017		3471904	54.7		110		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.526	4.540	-0.014	1.002	67436	1.01		102		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.618	4.635	-0.017		5176509	52.0		105		
35 MeFOSA										
512.00 > 169.00	4.626	4.643	-0.017	1.000	96095	0.9532		96.3		
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.792	4.802	-0.010		4911341	52.7		106		
37 Perfluorododecanoic acid										
613.00 > 569.00	4.792	4.809	-0.017	1.000	117474	1.05		106	13.3	
D 36 13C2 PFDoA										
615.00 > 570.00	4.792	4.809	-0.017		5450224	54.4		110	5771	
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.792	4.810	-0.018	1.000	102079	1.01		102		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.045	5.057	-0.012	1.000	116074	1.03		104	7.3	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.275	5.286	-0.011	1.000	281059	1.01		102	3.6	
713.00 > 169.00	5.266	5.286	-0.020	0.998	42732		6.58(0.00-0.00)	102	183	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.275	5.286	-0.011		11298135	55.1		111	5753	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.675	5.684	-0.009		6571750	55.5		112	2513	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.675	5.687	-0.012	1.000	228818	0.9839		99.4	8.5	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.706	5.709	-0.003	1.000	66686	3.68		371	266	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L2_00002 Amount Added: 1.00 Units: mL

Report Date: 19-May-2017 11:09:25 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_004.d

Injection Date: 18-May-2017 17:57:25 Instrument ID: A8_N

Lims ID: IC L2 Full

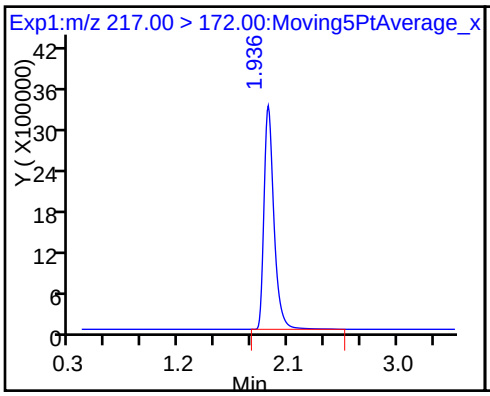
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 29 Worklist Smp#: 3

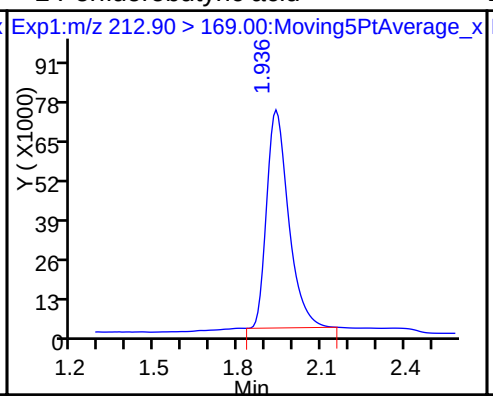
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

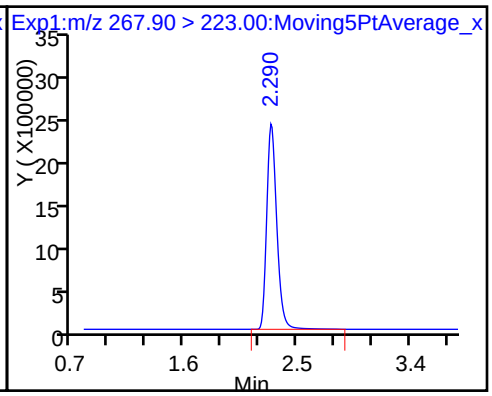
D 1 13C4 PFBA



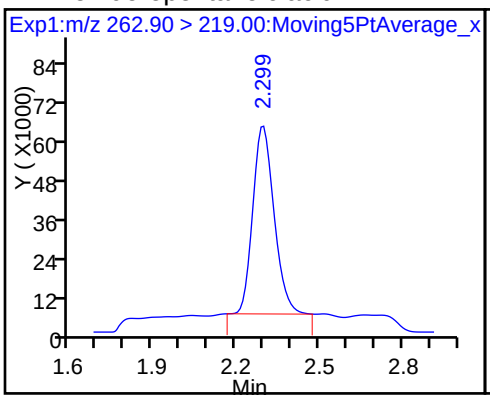
2 Perfluorobutyric acid



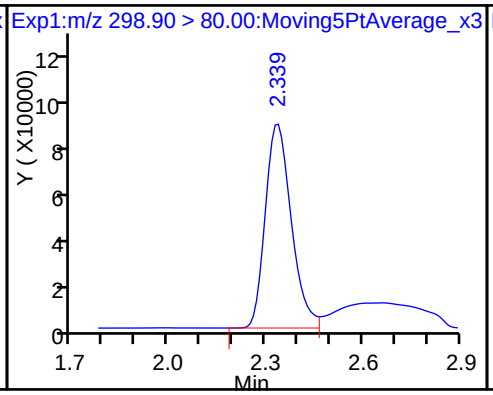
D 3 13C5-PFPeA



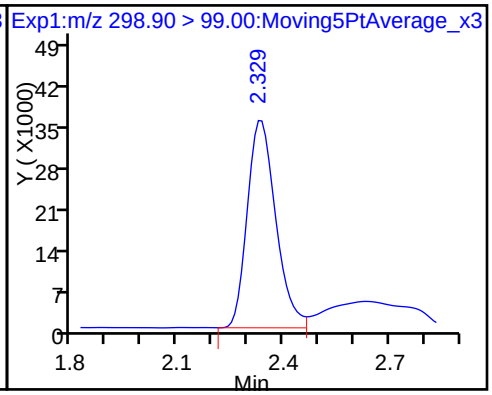
4 Perfluoropentanoic acid



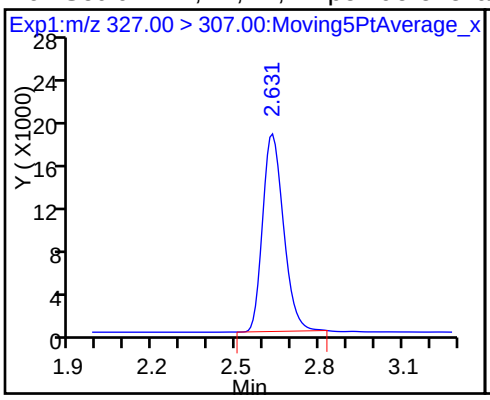
5 Perfluorobutanesulfonic acid



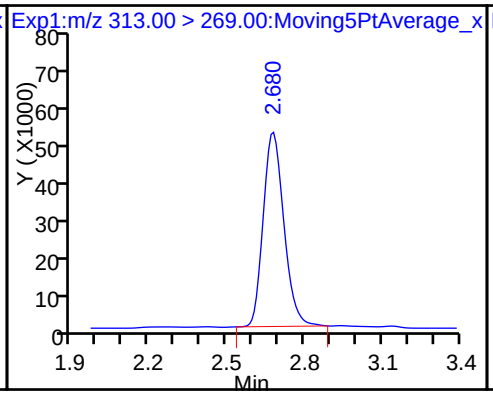
5 Perfluorobutanesulfonic acid



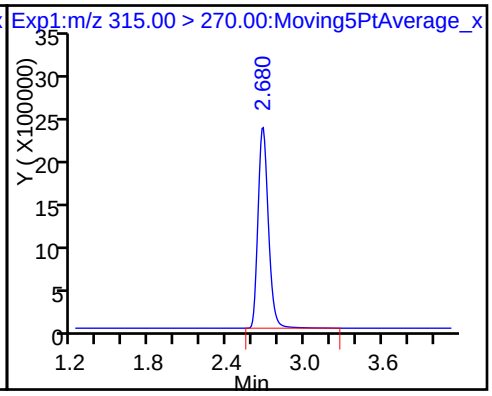
61 Sodium 1H,1H,2H,2H-perfluorohexane



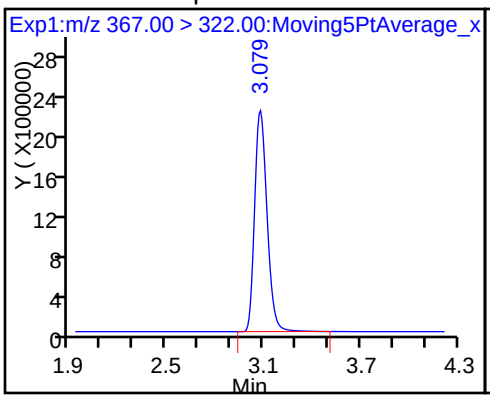
6 Perfluorohexanoic acid



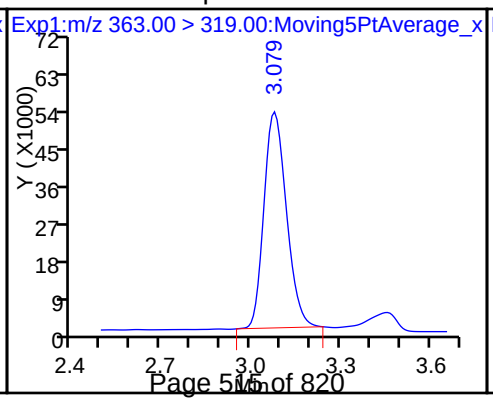
D 7 13C2 PFHxA



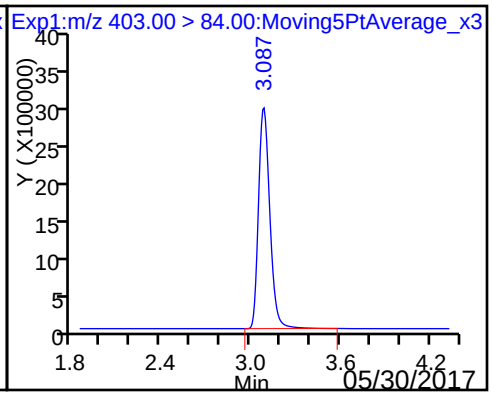
D 9 13C4-PFHpA



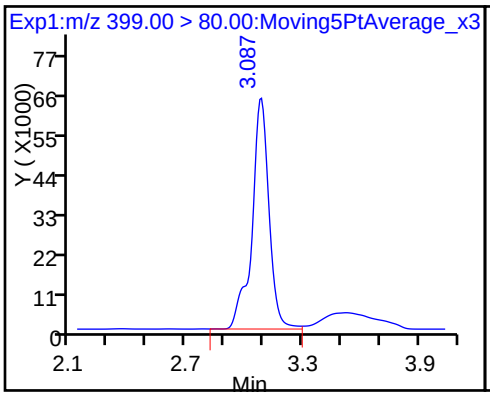
10 Perfluoroheptanoic acid



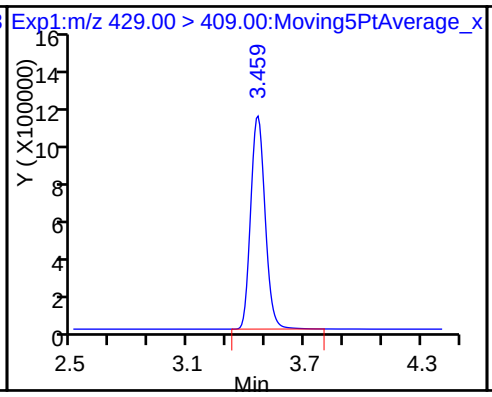
D 11 18O2 PFHxS



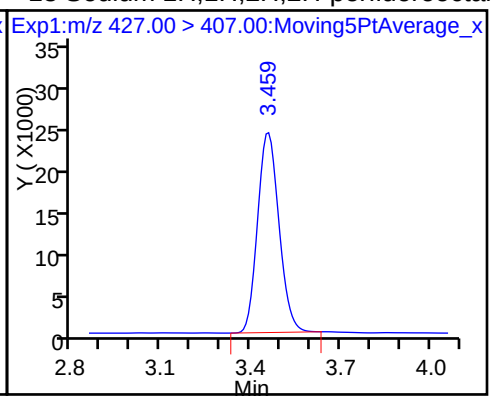
8 Perfluorohexanesulfonic acid



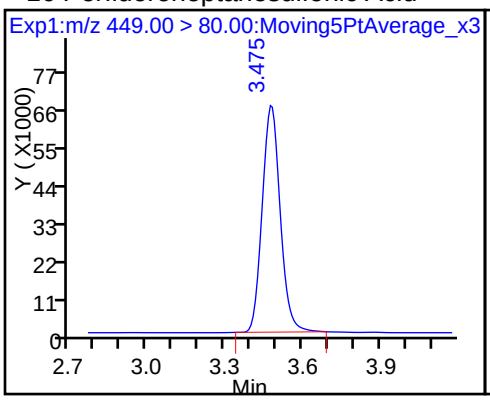
D 12 M2-6:2FTS



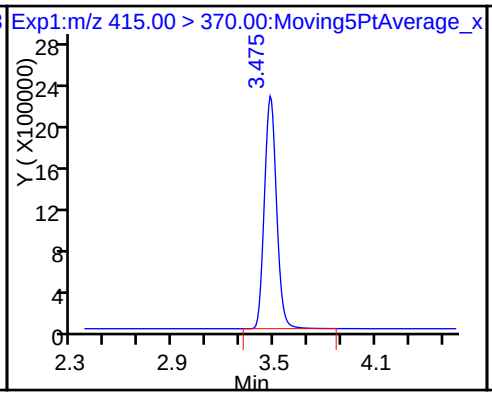
13 Sodium 1H,1H,2H,2H-perfluorooctane



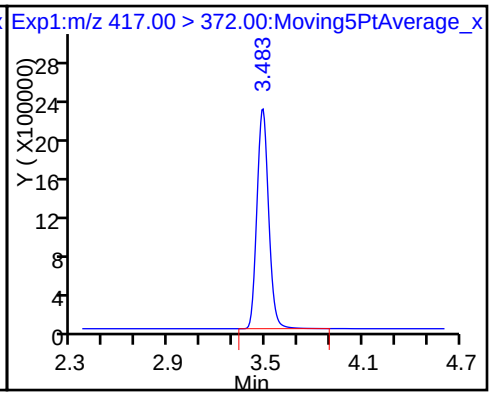
16 Perfluoroheptanesulfonic Acid



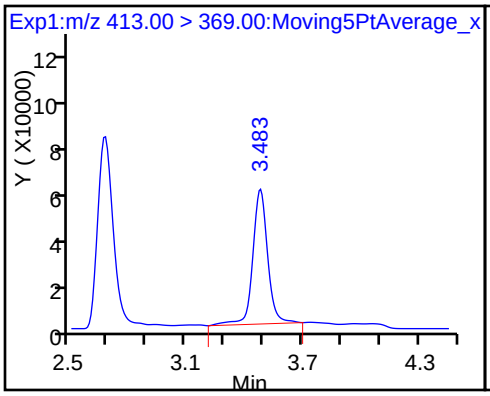
* 62 13C2-PFOA



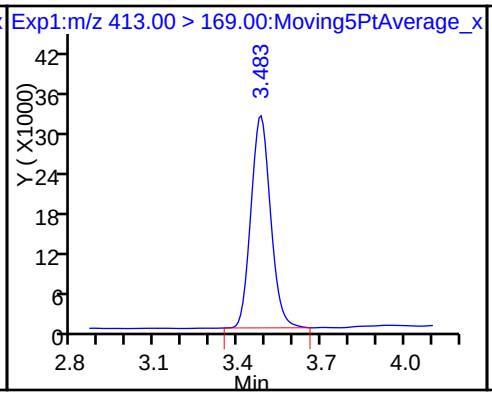
D 14 13C4 PFOA



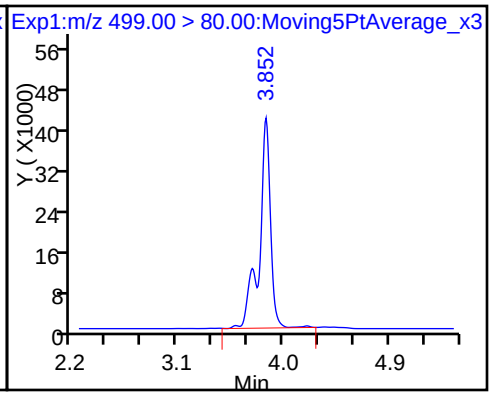
15 Perfluorooctanoic acid



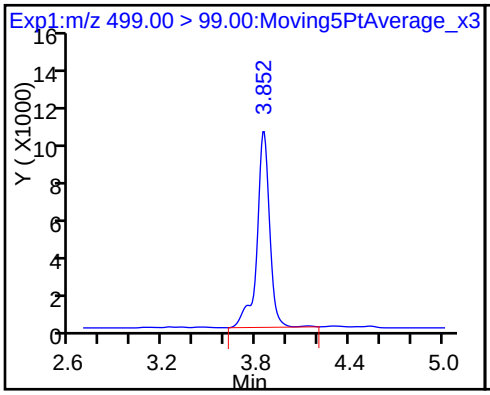
15 Perfluorooctanoic acid



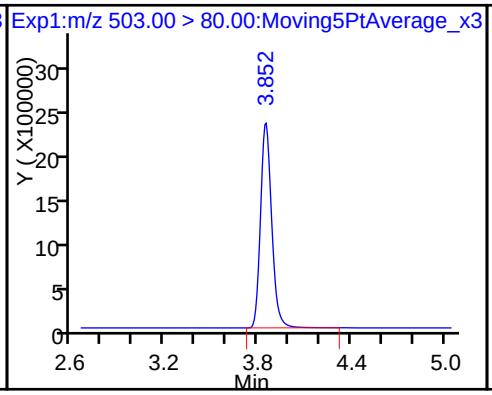
17 Perfluorooctane sulfonic acid



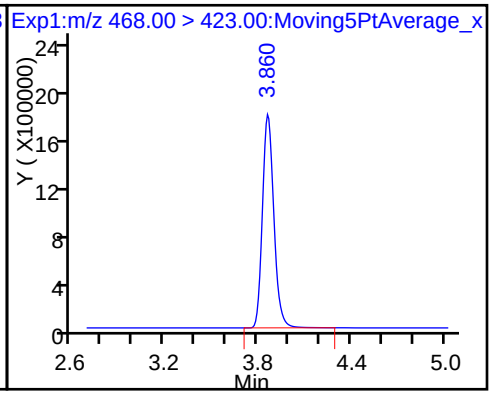
17 Perfluorooctane sulfonic acid



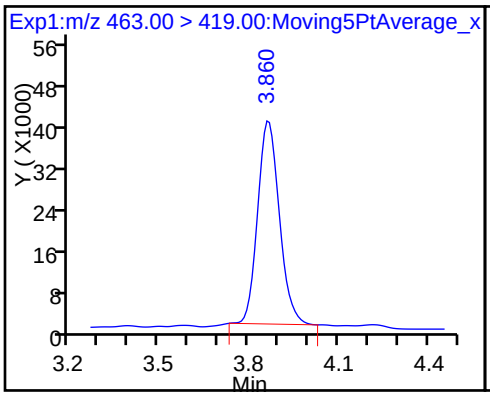
D 18 13C4 PFOS



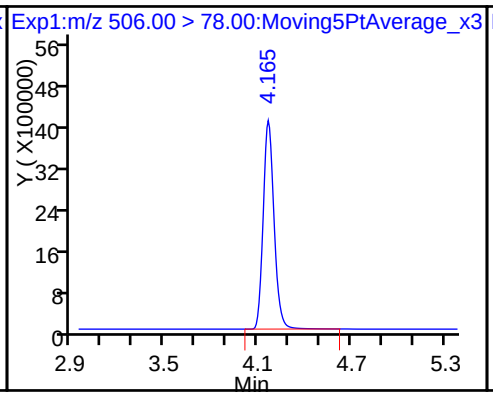
D 19 13C5 PFNA



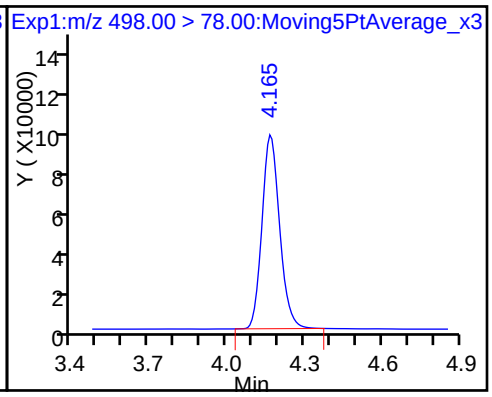
20 Perfluorononanoic acid



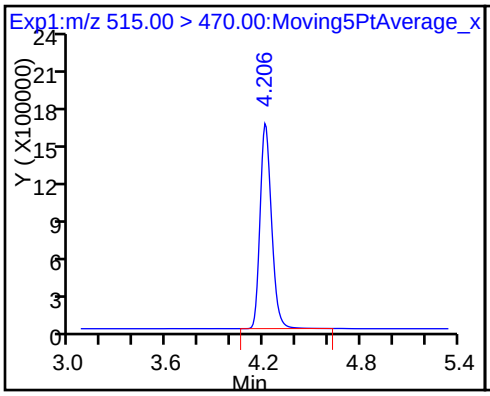
D 21 13C8 FOSA



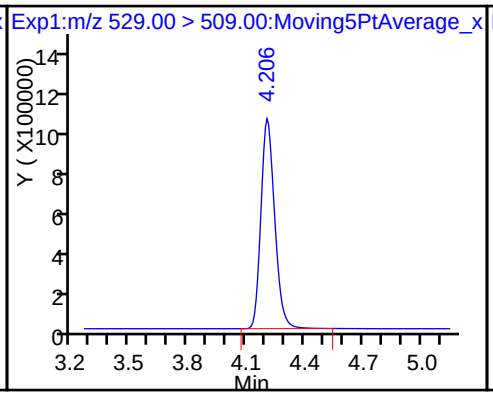
22 Perfluorooctane Sulfonamide



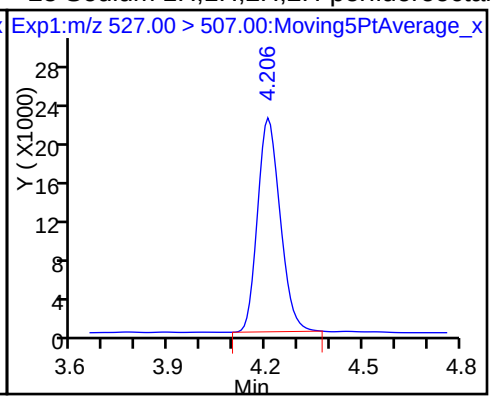
D 23 13C2 PFDA



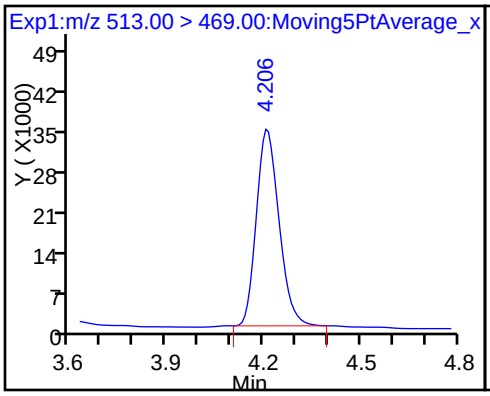
D 26 M2-8:2FTS



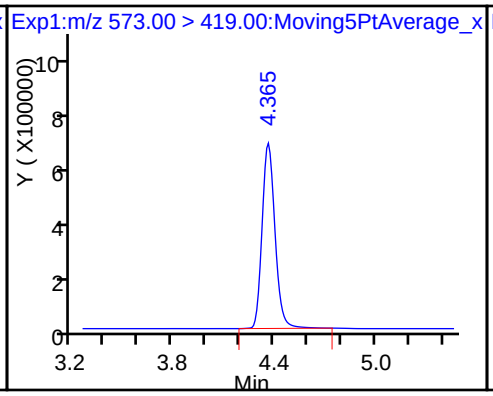
25 Sodium 1H,1H,2H,2H-perfluorooctane



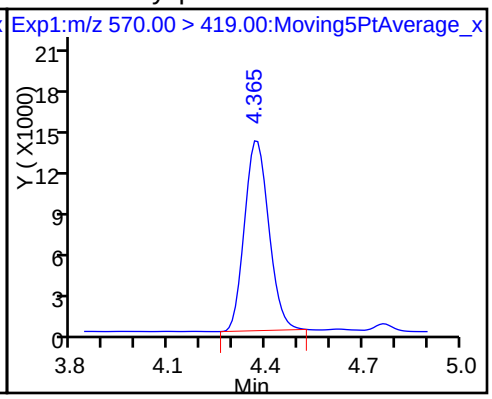
24 Perfluorodecanoic acid



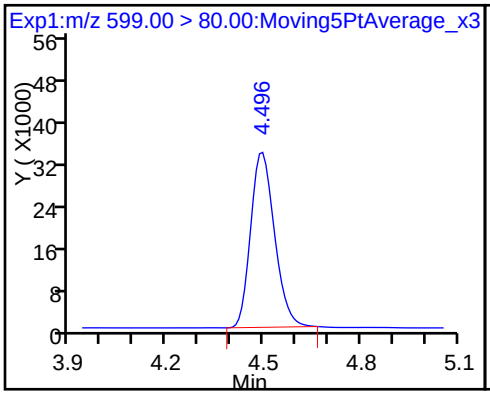
D 27 d3-NMeFOSAA



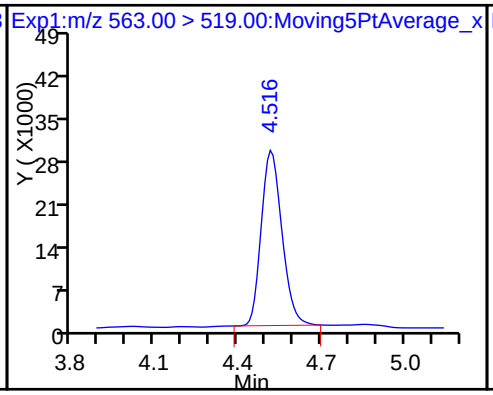
28 N-methyl perfluorooctane sulfonami



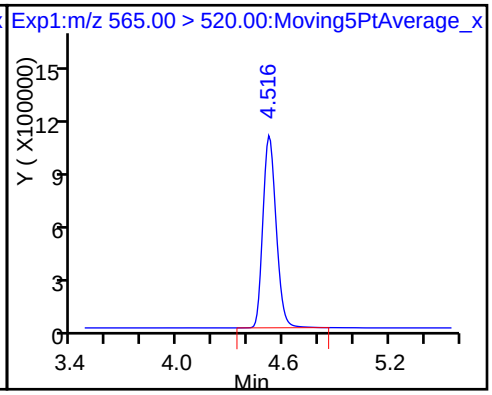
29 Perfluorodecane Sulfonic acid



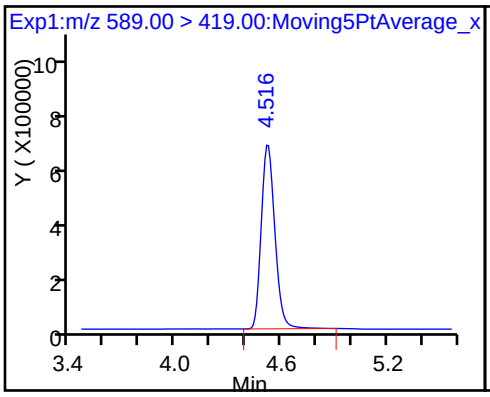
31 Perfluoroundecanoic acid



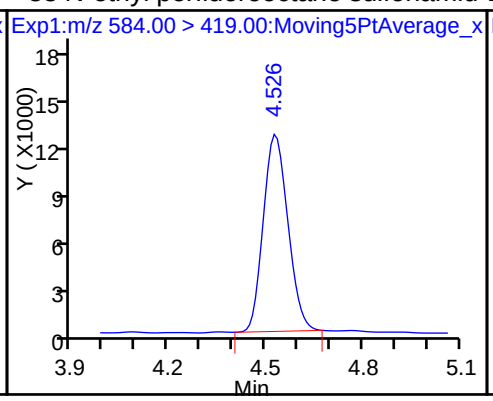
D 30 13C2 PFUnA



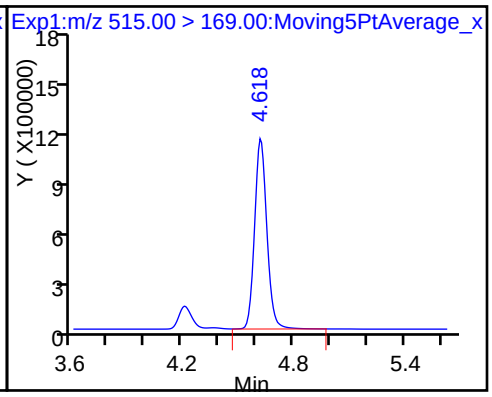
D 32 d5-NEtFOSAA



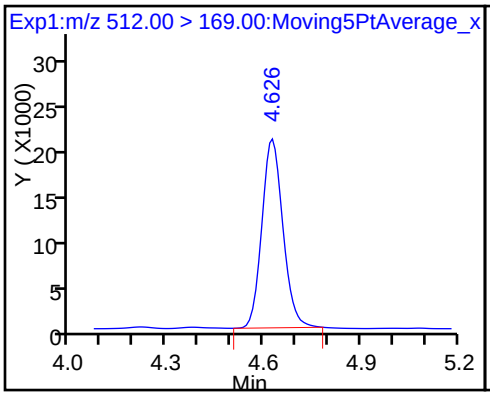
33 N-ethyl perfluorooctane sulfonamid



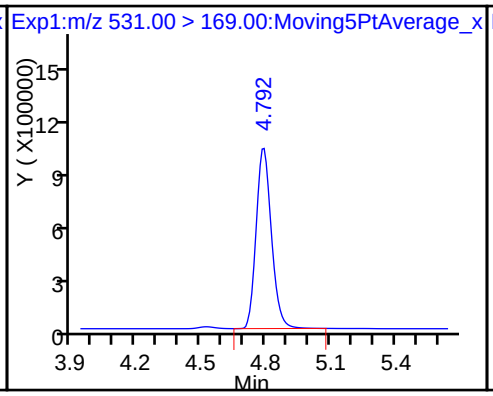
D 34 d-N-MeFOSA-M



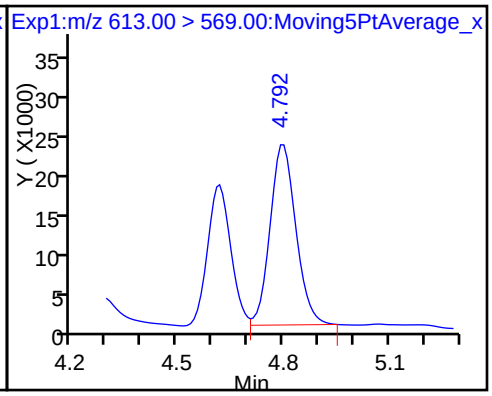
35 MeFOSA



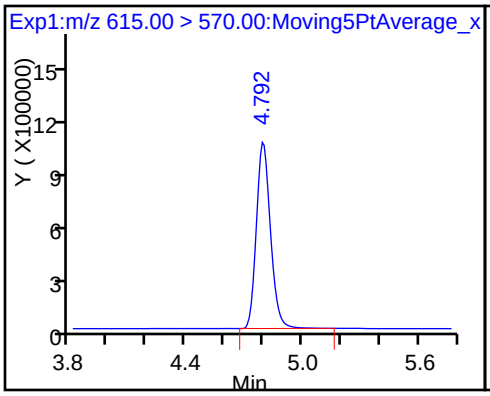
D 38 d-N-EtFOSA-M



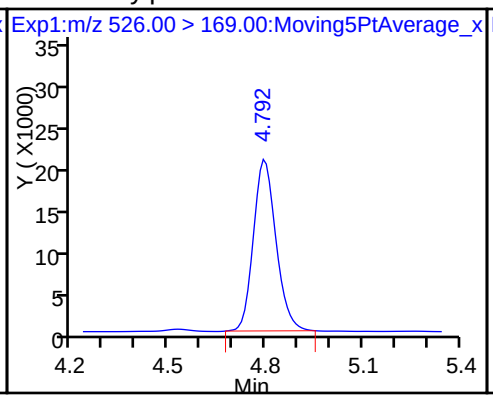
37 Perfluorododecanoic acid



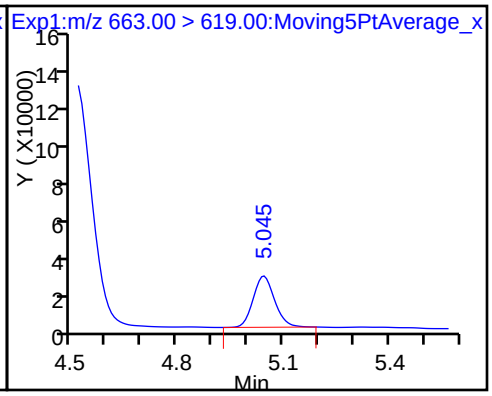
D 36 13C2 PFDoA



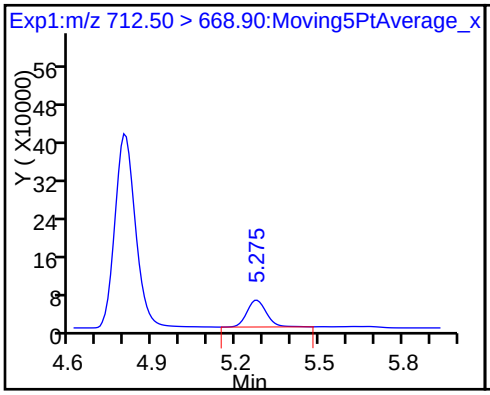
39 N-ethylperfluoro-1-octanesulfonami



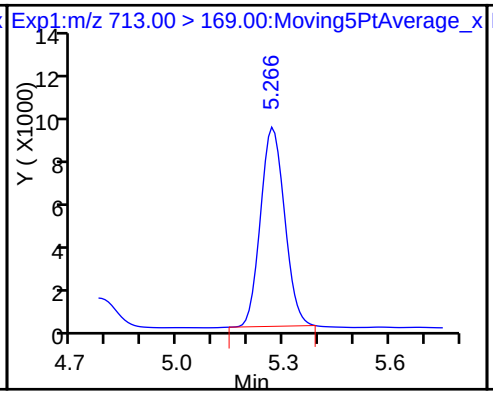
41 Perfluorotridecanoic acid



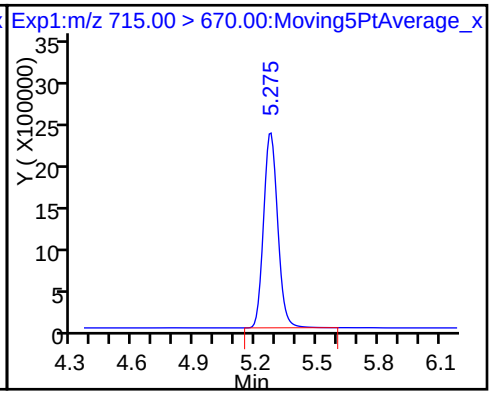
42 Perfluorotetradecanoic acid



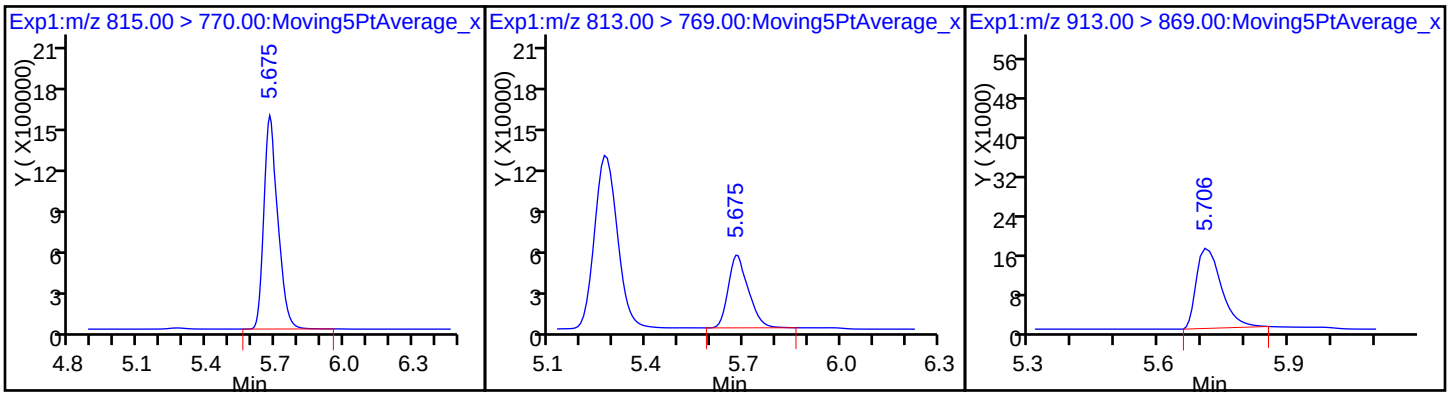
42 Perfluorotetradecanoic acid



D 43 13C2-PFTeDA



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_005.d
Lims ID: IC L3 Full
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 18-May-2017 18:04:55 ALS Bottle#: 30 Worklist Smp#: 4
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: L3-FULL
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 11:09:28 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK021

First Level Reviewer: westendorfc Date: 19-May-2017 08:20:52

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.953	1.958	-0.005		18295237	50.9		103	227320	
2 Perfluorobutyric acid										
212.90 > 169.00	1.961	1.962	-0.001	1.000	1946323	5.24		106	621	
D 3 13C5-PFPeA										
267.90 > 223.00	2.309	2.313	-0.004		13278899	53.4		108	391650	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.309	2.317	-0.008	1.000	1478826	5.01		101	414	
D 47 13C3-PFBS										
301.90 > 83.00	2.349	2.352	-0.003		313260	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.349	2.357	-0.008	1.000	2345385	4.53		104		
298.90 > 99.00	2.349	2.357	-0.008	1.000	949795		2.47(0.00-0.00)	104		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.645	2.648	-0.003	1.000	480816	5.29		114		
6 Perfluorohexanoic acid										
313.00 > 269.00	2.684	2.693	-0.009	1.000	1312340	4.98		101	3162	
D 7 13C2 PFHxA										
315.00 > 270.00	2.693	2.694	-0.001		12656413	52.0		105	105755	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.083	3.095	-0.012	1.000	1294392	4.90		98.9	1187	
D 9 13C4-PFHpA										
367.00 > 322.00	3.083	3.095	-0.012		11698570	55.2		112	49687	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.092	3.101	-0.009	1.000	1733346	4.54		101		
D 11 18O2 PFHxS										
403.00 > 84.00	3.092	3.101	-0.009		15197212	49.9		107	65501	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.463	3.472	-0.009	1.000	619778	5.43		116		
D 12 M2-6:2FTS										
429.00 > 409.00	3.463	3.472	-0.009		5534640	43.9		93.3		
* 62 13C2-PFOA										
415.00 > 370.00	3.485	3.491	-0.006		10624459	49.5				
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.485	3.491	-0.006	1.000	1558288	5.04		107		
D 14 13C4 PFOA										
417.00 > 372.00	3.485	3.495	-0.010		11170443	52.5		106	41540	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.485	3.496	-0.011	1.000	1308572	5.05		102	128	
413.00 > 169.00	3.485	3.496	-0.011	1.000	749474		1.75(0.90-1.10)	102	2957	
D 18 13C4 PFOS										
503.00 > 80.00	3.857	3.863	-0.006		11331600	49.4		104	37700	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.857	3.863	-0.006	1.000	1327664	4.65		101	39271	
499.00 > 99.00	3.857	3.863	-0.006	1.000	278393		4.77(0.90-1.10)	101	2366	
20 Perfluorononanoic acid										
463.00 > 419.00	3.866	3.877	-0.011	1.000	980669	5.02		101	1439	
D 19 13C5 PFNA										
468.00 > 423.00	3.866	3.877	-0.011		9035259	53.8		109	20219	
D 21 13C8 FOSA										
506.00 > 78.00	4.171	4.182	-0.011		19327989	52.6		106	49343	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.171	4.183	-0.012	1.000	2127951	5.15		104	11618	
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.212	4.220	-0.008	1.000	501022	5.01		106		
D 26 M2-8:2FTS										
529.00 > 509.00	4.212	4.220	-0.008		4857693	49.0		103		
D 23 13C2 PFDA										
515.00 > 470.00	4.212	4.220	-0.008		7892857	54.6		110	9442	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.212	4.222	-0.010	1.000	809095	4.96		100	1702	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.372	4.377	-0.005		3323408	51.2		103		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.372	4.382	-0.010	1.000	345219	4.91		99.2		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.494	4.505	-0.011	1.000	788282	4.79		100		
D 30 13C2 PFUnA										
565.00 > 520.00	4.523	4.532	-0.009		5316780	52.3		106	10182	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.523	4.532	-0.009	1.000	620793	4.91		99.1	1520	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.523	4.533	-0.010		3325605	52.4		106		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.533	4.540	-0.007	1.002	314485	4.89		98.9		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.624	4.635	-0.011		4911826	49.3		99.7		
35 MeFOSA										
512.00 > 169.00	4.632	4.643	-0.011	1.000	487115	5.09		103		
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.790	4.802	-0.012		4667081	50.0		101		
D 36 13C2 PFDoA										
615.00 > 570.00	4.799	4.809	-0.010		5226925	52.1		105	4642	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.799	4.809	-0.010	1.000	532575	4.97		100	62.2	
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.799	4.810	-0.011	1.000	472415	4.93		99.6		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.048	5.057	-0.009	1.000	533601	4.95		100	30.8	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.273	5.286	-0.013		10766952	52.5		106	6003	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.273	5.286	-0.013	1.000	1286450	5.25		106	16.8	
713.00 > 169.00	5.273	5.286	-0.013	1.000	170605		7.54(0.00-0.00)	106	523	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.674	5.684	-0.010		6198682	52.4		106	2395	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.681	5.687	-0.006	1.000	691271	5.10		103	25.5	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.705	5.709	-0.004	1.000	69370	4.35		87.9	259	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L3_00002 Amount Added: 1.00 Units: mL

Report Date: 19-May-2017 11:09:28 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_005.d

Injection Date: 18-May-2017 18:04:55 Instrument ID: A8_N

Lims ID: IC L3 Full

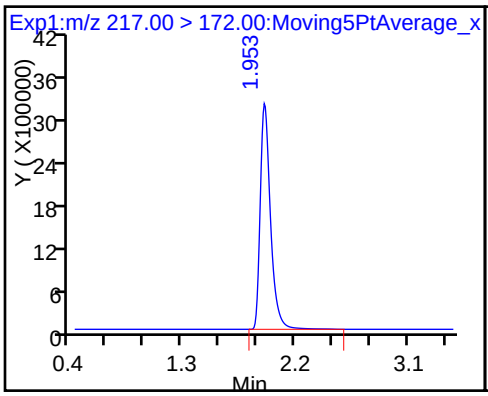
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 30 Worklist Smp#: 4

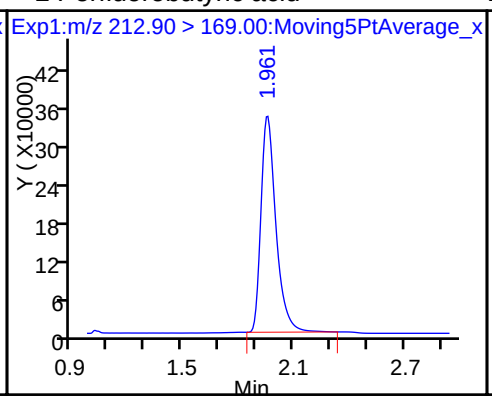
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

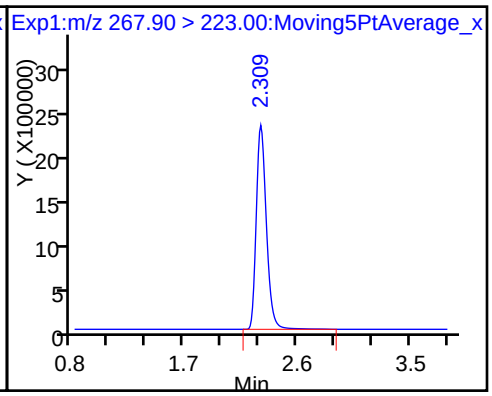
D 1 13C4 PFBA



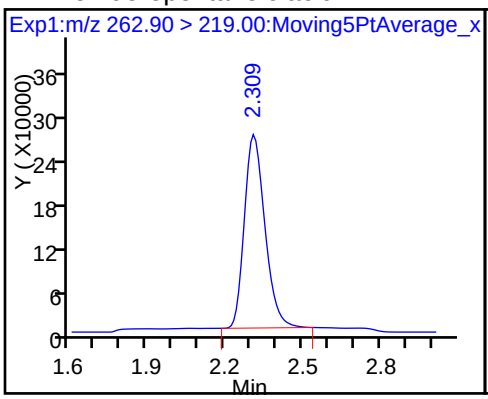
2 Perfluorobutyric acid



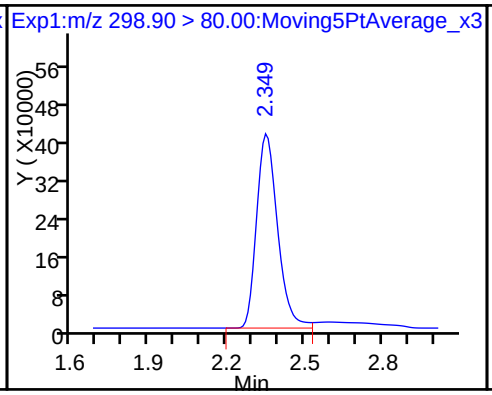
D 3 13C5-PFPeA



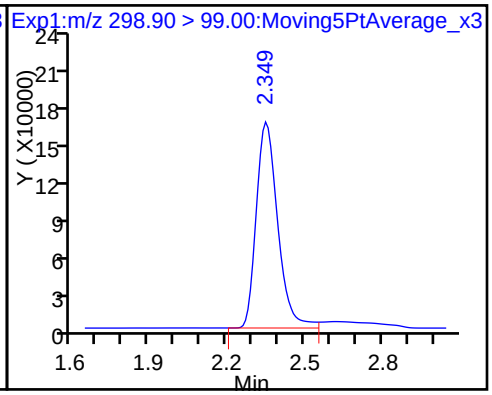
4 Perfluoropentanoic acid



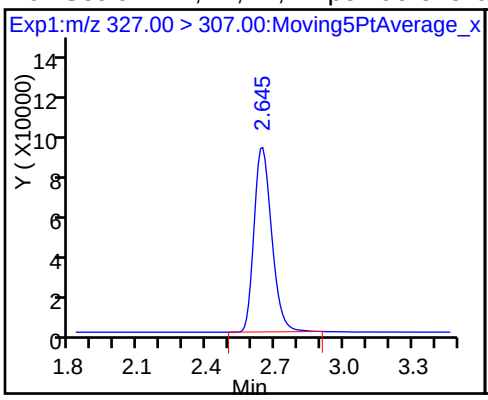
5 Perfluorobutanesulfonic acid



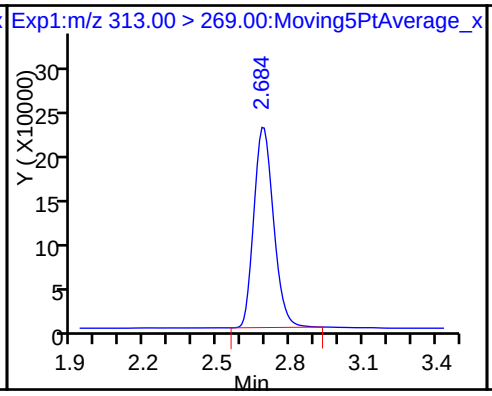
5 Perfluorobutanesulfonic acid



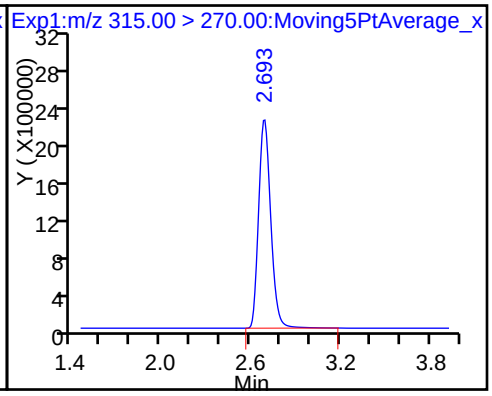
61 Sodium 1H,1H,2H,2H-perfluorohexane



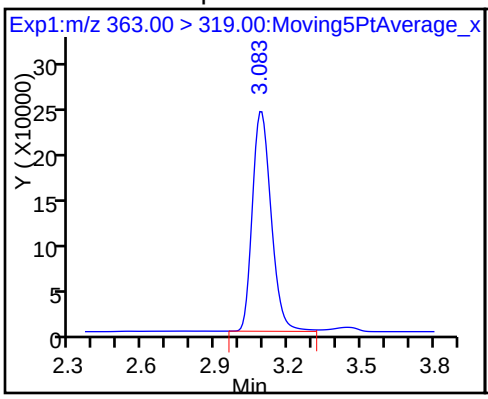
6 Perfluorohexanoic acid



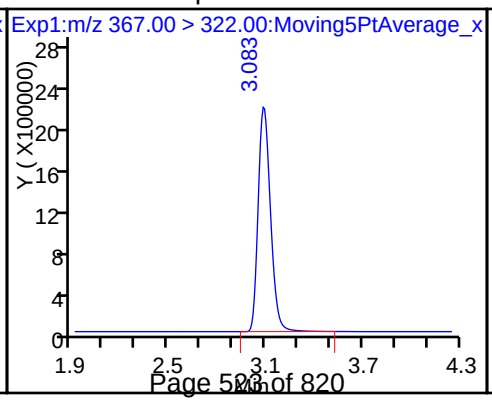
D 7 13C2 PFHxA



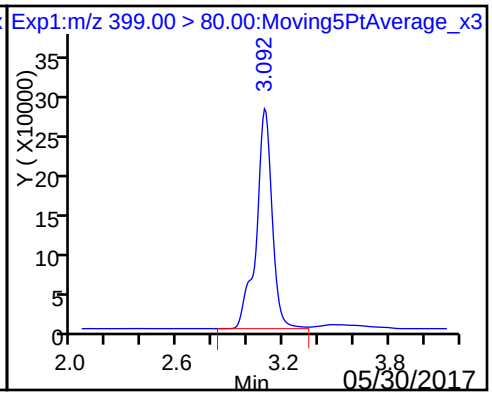
10 Perfluoroheptanoic acid



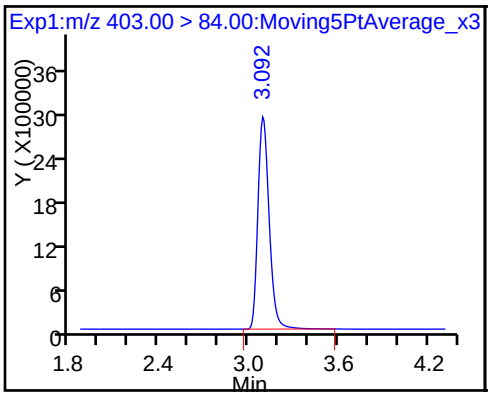
D 9 13C4-PFHpA



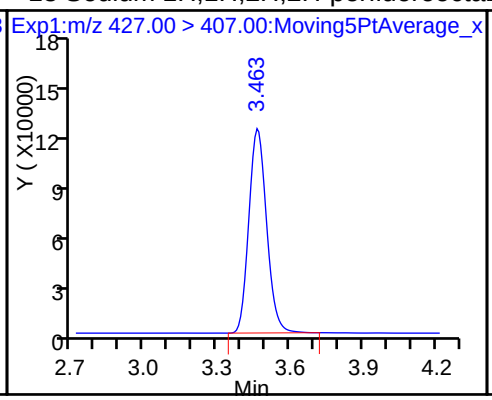
8 Perfluorohexanesulfonic acid



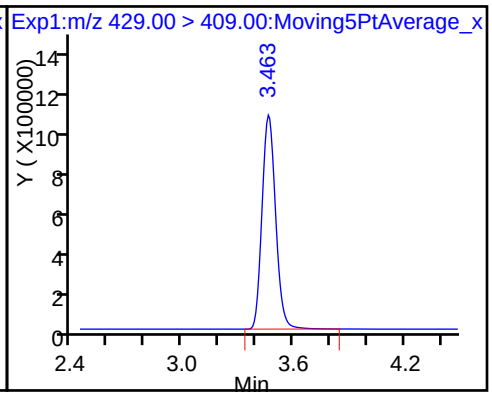
D 11 18O2 PFHxS



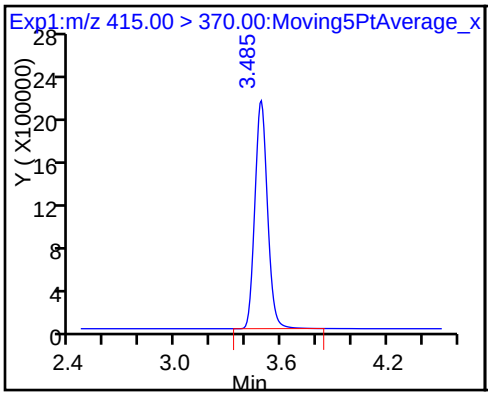
13 Sodium 1H,1H,2H,2H-perfluorooctane



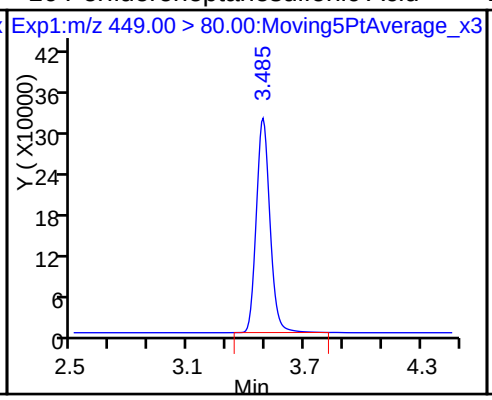
D 12 M2-6:2FTS



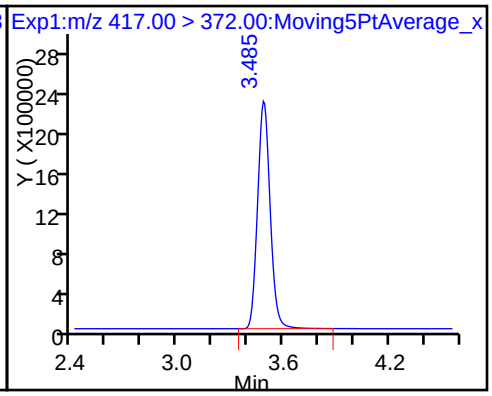
* 62 13C2-PFOA



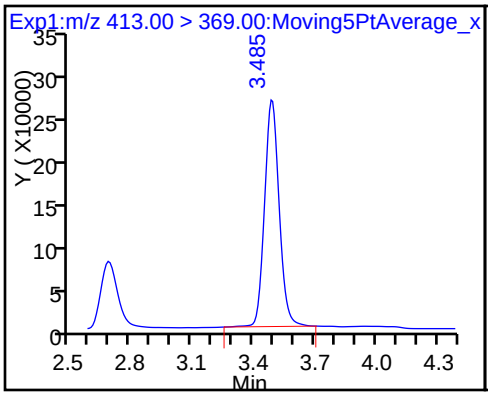
16 Perfluoroheptanesulfonic Acid



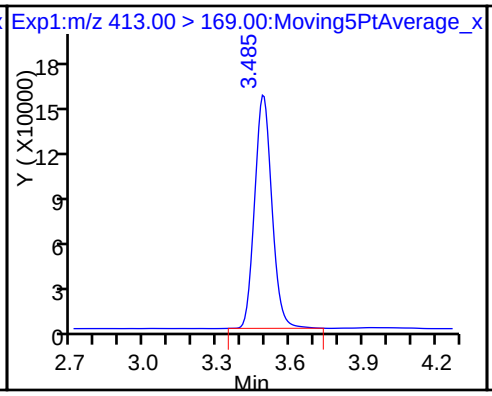
D 14 13C4 PFOA



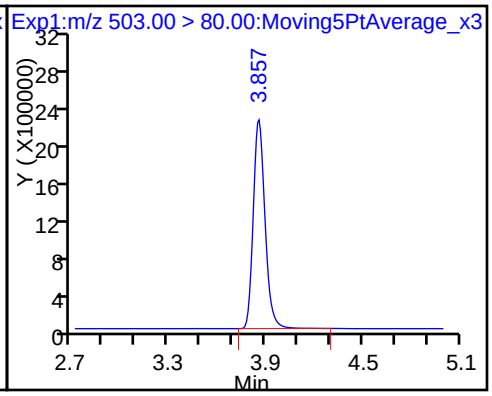
15 Perfluorooctanoic acid



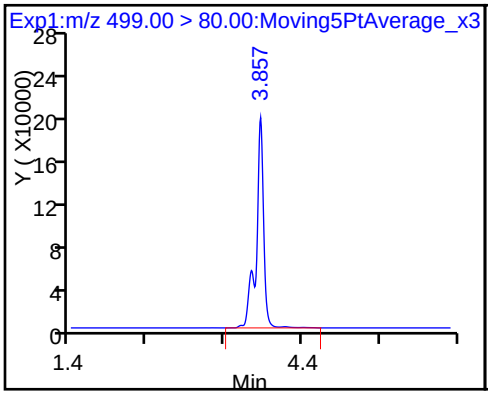
15 Perfluorooctanoic acid



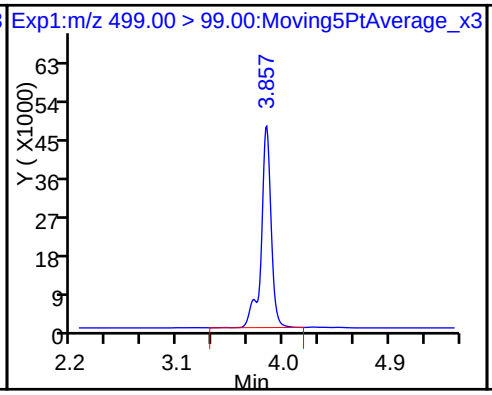
D 18 13C4 PFOS



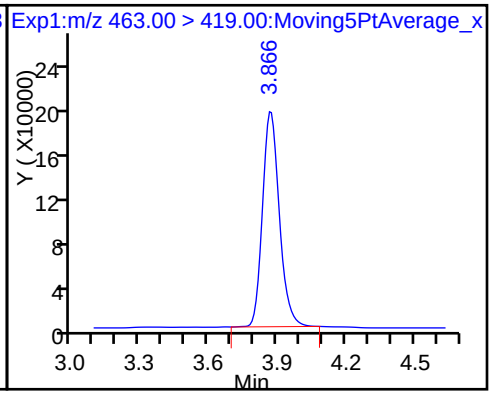
17 Perfluorooctane sulfonic acid



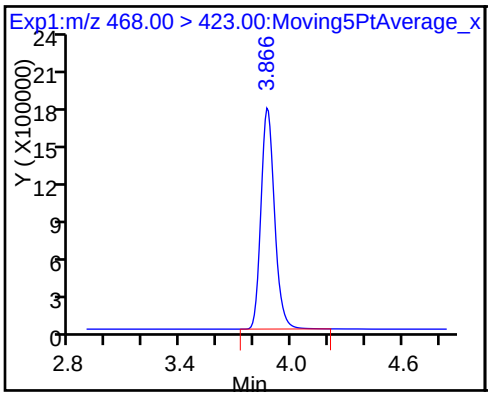
17 Perfluorooctane sulfonic acid



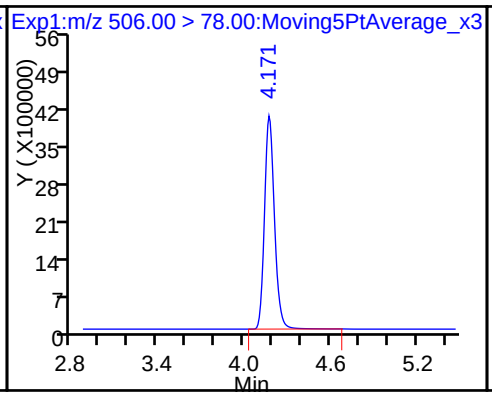
20 Perfluorononanoic acid



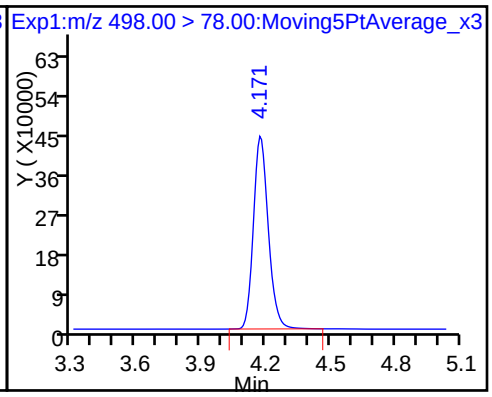
D 19 13C5 PFNA



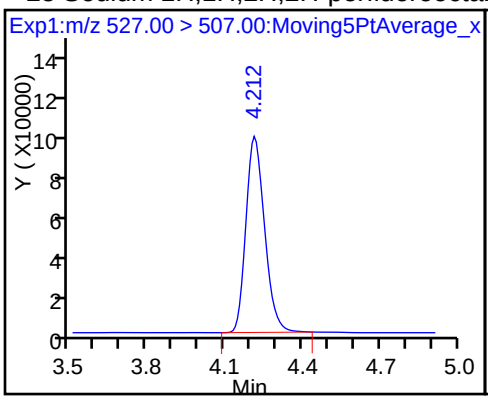
D 21 13C8 FOSA



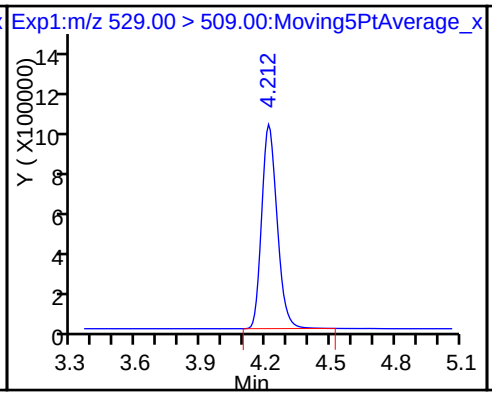
22 Perfluorooctane Sulfonamide



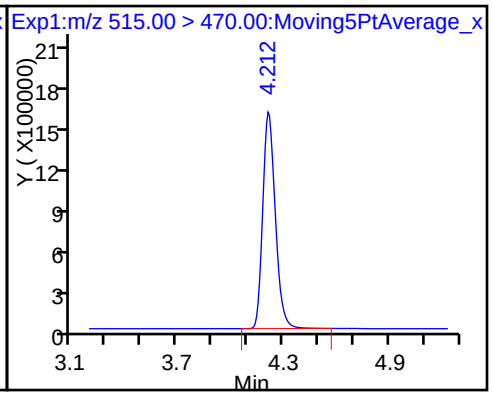
25 Sodium 1H,1H,2H,2H-perfluorooctane



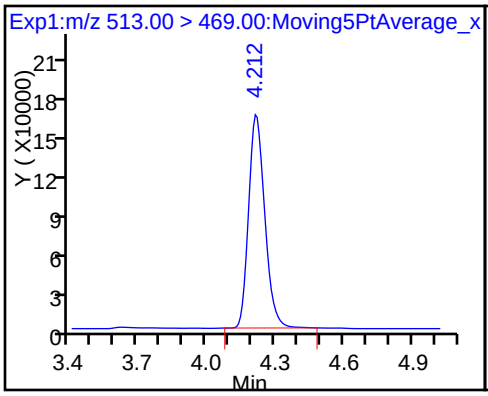
D 26 M2-8:2FTS



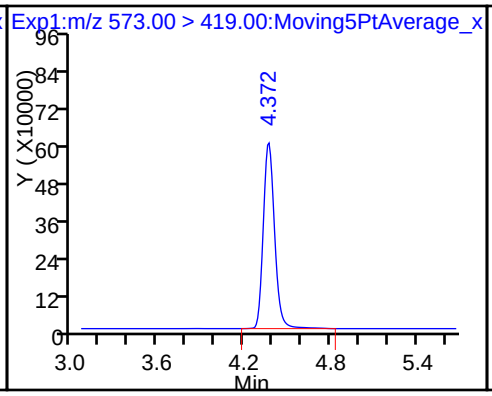
D 23 13C2 PFDA



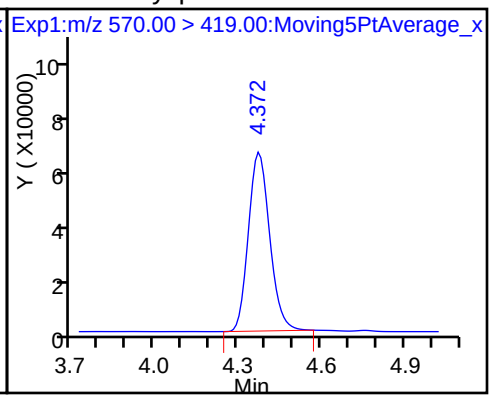
24 Perfluorodecanoic acid



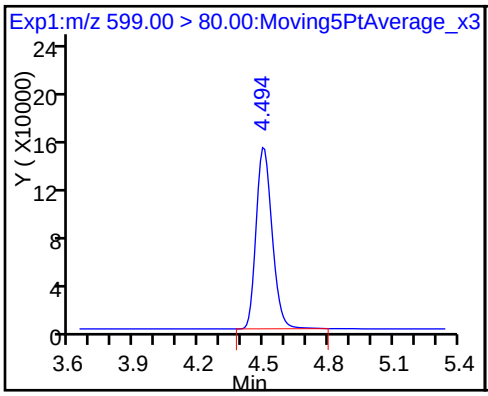
D 27 d3-NMeFOSAA



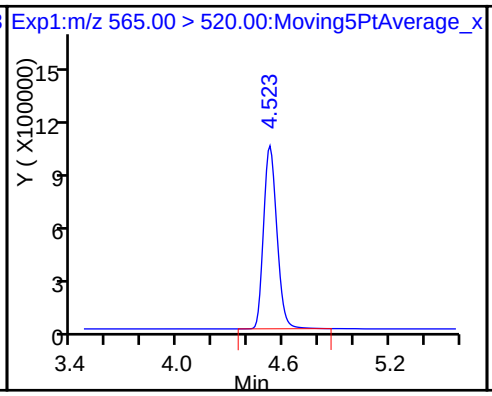
28 N-methyl perfluorooctane sulfonami



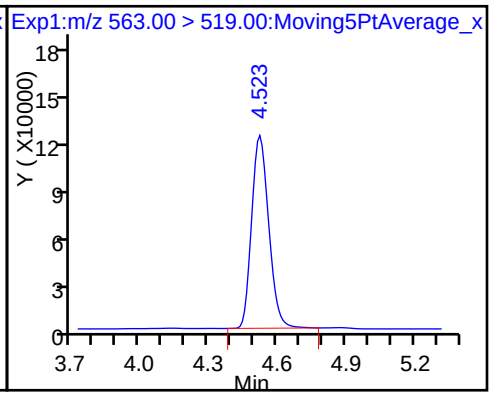
29 Perfluorodecane Sulfonic acid



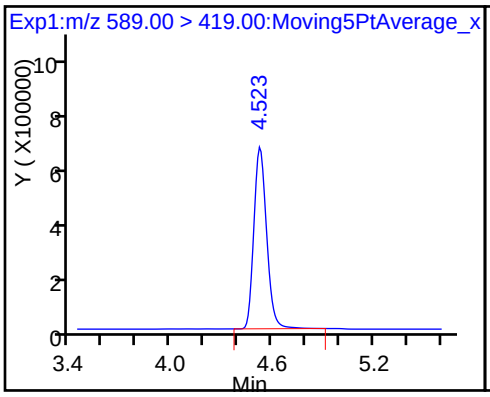
D 30 13C2 PFUnA



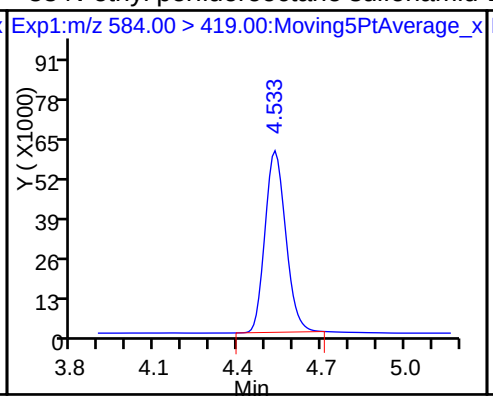
31 Perfluoroundecanoic acid



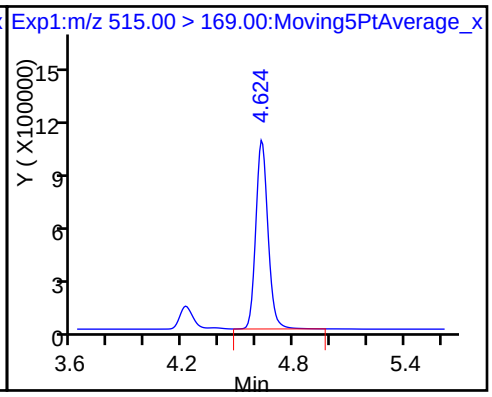
D 32 d5-NEtFOSAA



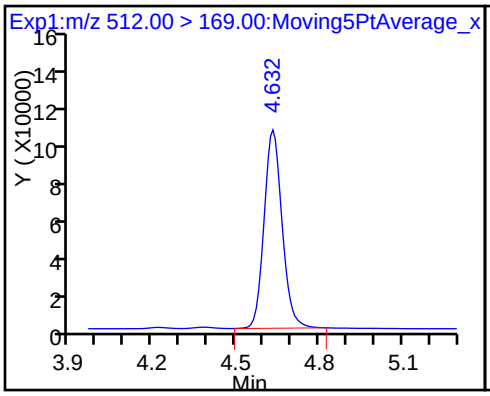
33 N-ethyl perfluorooctane sulfonamid



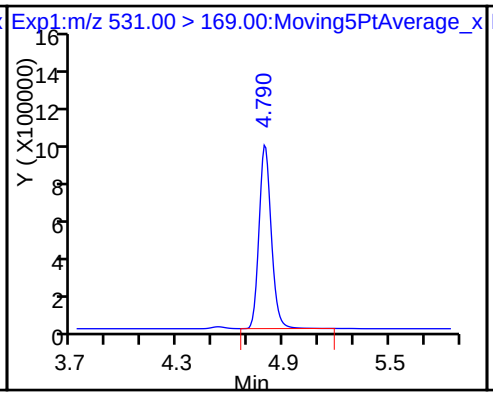
D 34 d-N-MeFOSA-M



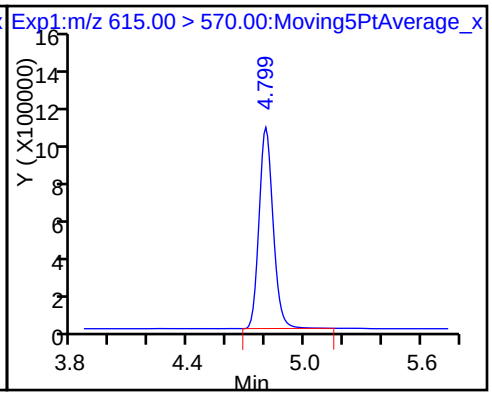
35 MeFOSA



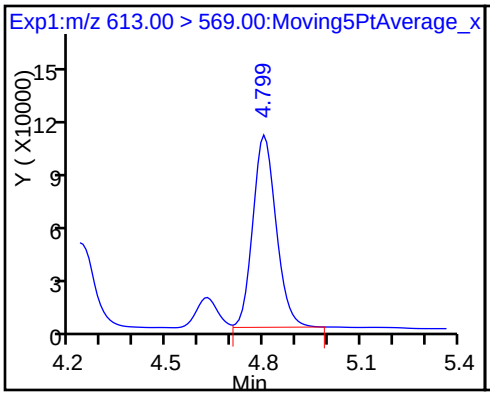
D 38 d-N-EtFOSA-M



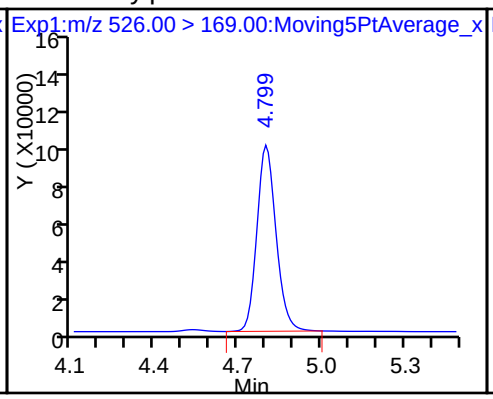
D 36 13C2 PFDoA



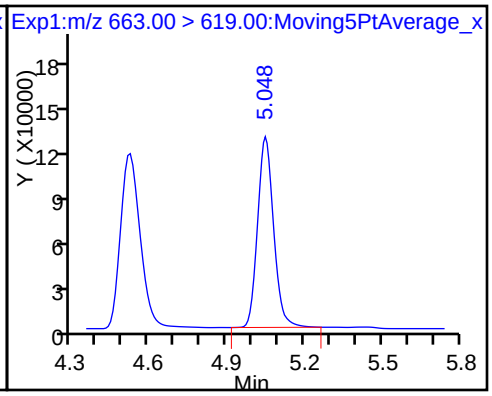
37 Perfluorododecanoic acid



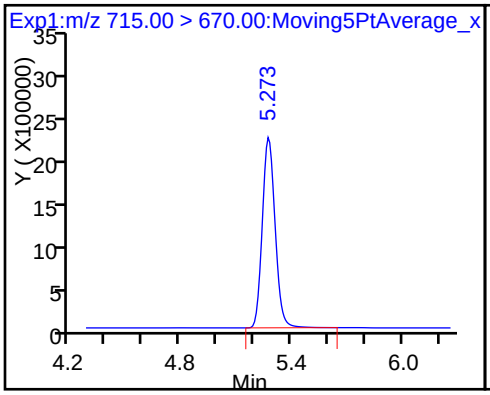
39 N-ethylperfluoro-1-octanesulfonami



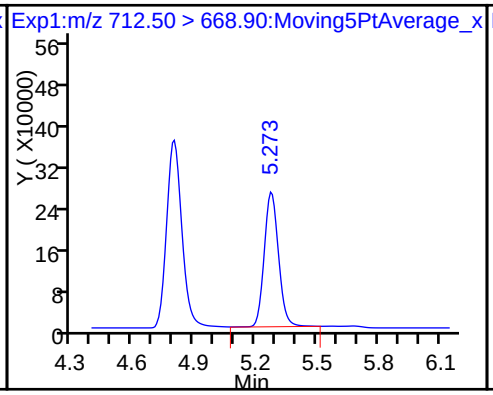
41 Perfluorotridecanoic acid



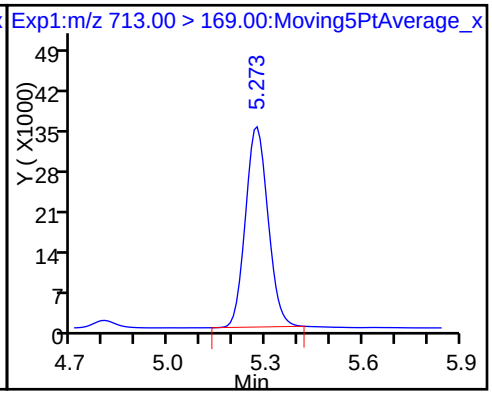
D 43 13C2-PFTeDA



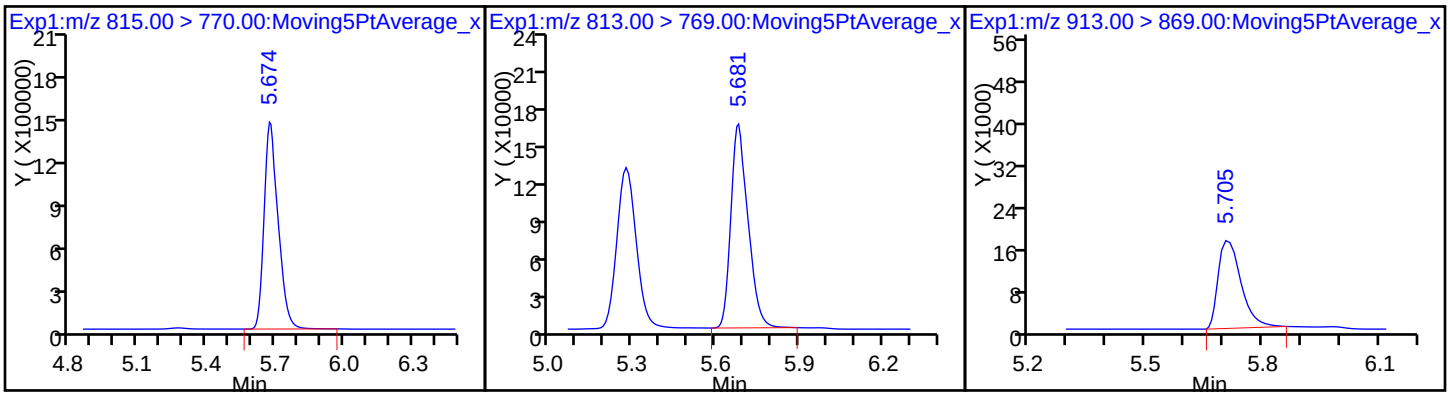
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_006.d
Lims ID: IC L4 Full
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 18-May-2017 18:12:27 ALS Bottle#: 31 Worklist Smp#: 5
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: L4-FULL
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 11:09:32 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK021

First Level Reviewer: westendorfc Date: 19-May-2017 08:19:30

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.961	1.958	0.003		17179781	47.8		96.5	112573	
2 Perfluorobutyric acid										
212.90 > 169.00	1.969	1.962	0.007	1.000	7370440	21.1		107	1881	
D 3 13C5-PFPeA										
267.90 > 223.00	2.329	2.313	0.016		11867435	47.7		96.4	201397	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.329	2.317	0.012	1.000	5392820	20.4		103	1333	
D 47 13C3-PFBS										
301.90 > 83.00	2.369	2.352	0.017		287640	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.369	2.357	0.012	1.000	9217599	19.5		111		
298.90 > 99.00	2.369	2.357	0.012	1.000	3633329		2.54(0.00-0.00)	111		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.664	2.648	0.016	1.000	1915946	16.0		86.4		
6 Perfluorohexanoic acid										
313.00 > 269.00	2.712	2.693	0.019	1.000	4959979	20.3		103	15192	
D 7 13C2 PFHxA										
315.00 > 270.00	2.712	2.694	0.018		11729614	48.2		97.3	34221	
D 9 13C4-PFHpA										
367.00 > 322.00	3.113	3.095	0.018		10300646	48.6		98.2	52163	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.113	3.095	0.018	1.000	4817415	20.7		104	2094	
D 11 18O2 PFHxS										
403.00 > 84.00	3.121	3.101	0.020		13907066	45.7		97.5	256671	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.121	3.101	0.020	1.000	6343995	18.1		101		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2FTS										
429.00 > 409.00	3.504	3.472	0.032		7301861	57.9		123		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.504	3.472	0.032	1.000	2935423	19.5		104		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.512	3.491	0.021	1.000	5619108	18.9		100		
* 62 13C2-PFOA										
415.00 > 370.00	3.519	3.491	0.028		11157364	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.519	3.495	0.024		11536109	54.2		110	33173	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.519	3.496	0.023	1.000	5330646	19.9		101	515	
413.00 > 169.00	3.519	3.496	0.023	1.000	3023425		1.76(0.90-1.10)	101	10022	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.887	3.863	0.024	1.000	4891254	17.8		97.1	97278	
499.00 > 99.00	3.887	3.863	0.024	1.000	1072590		4.56(0.90-1.10)	97.1	6795	
D 18 13C4 PFOS										
503.00 > 80.00	3.887	3.863	0.024		10880543	47.5		100	18985	
D 19 13C5 PFNA										
468.00 > 423.00	3.905	3.877	0.028		8487921	50.6		102	57554	
20 Perfluorononanoic acid										
463.00 > 419.00	3.905	3.877	0.028	1.000	3725769	20.3		103	7723	
D 21 13C8 FOSA										
506.00 > 78.00	4.208	4.182	0.026		18290567	49.8		101	18358	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.208	4.183	0.025	1.000	8181893	20.9		106	14052	
D 23 13C2 PFDA										
515.00 > 470.00	4.245	4.220	0.025		6864090	47.5		96.0	6549	
D 26 M2-8:2FTS										
529.00 > 509.00	4.245	4.220	0.025		4659279	47.0		99.1		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.245	4.220	0.025	1.000	1924859	20.1		106		
24 Perfluorodecanoic acid										
513.00 > 469.00	4.245	4.222	0.023	1.000	2891007	20.4		103	4680	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.402	4.377	0.025		3097034	47.7		96.4		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.412	4.382	0.030	1.002	1356715	20.7		105		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.526	4.505	0.021	1.000	3070644	19.5		102		
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.556	4.532	0.024	1.000	2271604	19.0		96.1	5146	
D 30 13C2 PFUnA										
565.00 > 520.00	4.556	4.532	0.024		5019435	49.3		99.7	6595	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.556	4.533	0.023		3061569	48.2		97.4		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.566	4.540	0.026	1.002	1176636	19.9		100		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.660	4.635	0.025		4752638	47.7		96.4		
35 MeFOSA										
512.00 > 169.00	4.668	4.643	0.025	1.000	1898682	20.5		104		
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.827	4.802	0.025		4643081	49.8		101		
37 Perfluorododecanoic acid										
613.00 > 569.00	4.836	4.809	0.027	1.000	2022773	20.3		102	101	
D 36 13C2 PFDoA										
615.00 > 570.00	4.836	4.809	0.027		4871840	48.6		98.2	4159	
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.836	4.810	0.026	1.000	1905108	20.0		101		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.081	5.057	0.024	1.000	2069185	20.6		104	113	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.309	5.286	0.023	1.000	4719782	21.0		106	58.9	
713.00 > 169.00	5.300	5.286	0.014	0.998	624354		7.56(0.00-0.00)	106	1539	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.309	5.286	0.023		10161237	49.6		100	5703	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.703	5.684	0.019		5712281	48.3		97.5	1908	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.713	5.687	0.026	1.000	2203215	19.7		99.5	69.7	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.713	5.709	0.004	1.000	319700	38.4		194	1068	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L4_00002 Amount Added: 1.00 Units: mL

Report Date: 19-May-2017 11:09:32 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_006.d

Injection Date: 18-May-2017 18:12:27 Instrument ID: A8_N

Lims ID: IC L4 Full

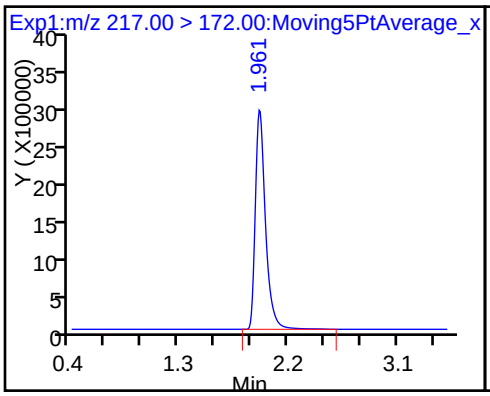
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 31 Worklist Smp#: 5

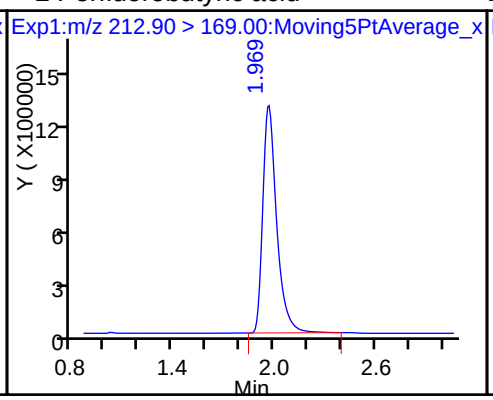
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

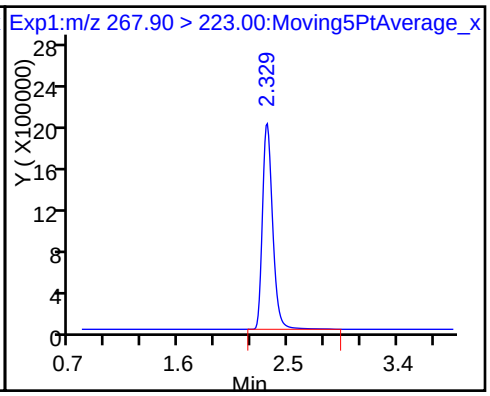
D 1 13C4 PFBA



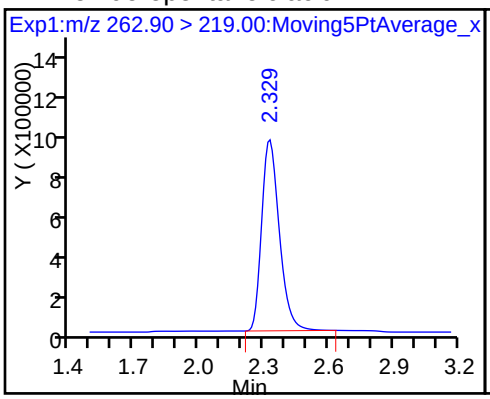
2 Perfluorobutyric acid



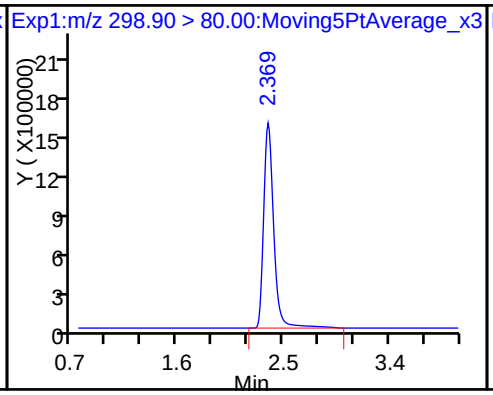
D 3 13C5-PFPeA



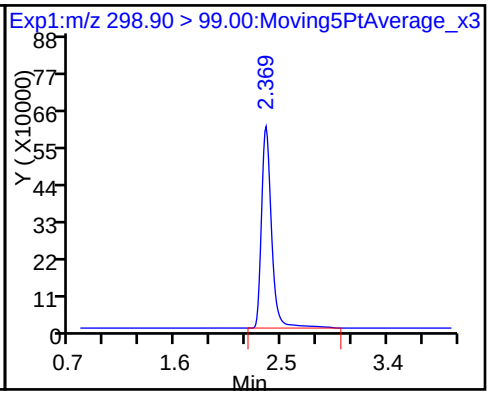
4 Perfluoropentanoic acid



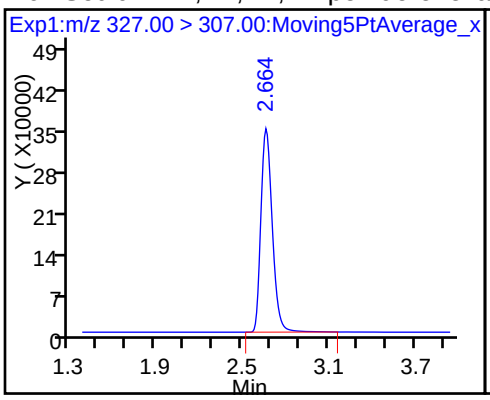
5 Perfluorobutanesulfonic acid



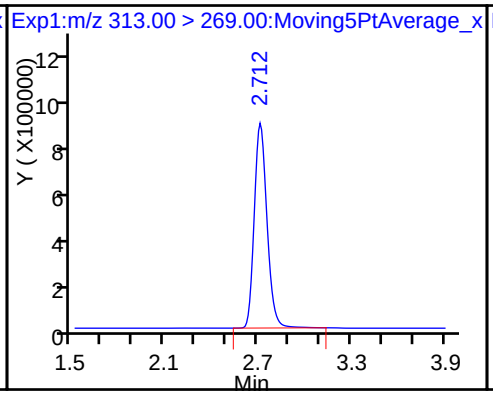
5 Perfluorobutanesulfonic acid



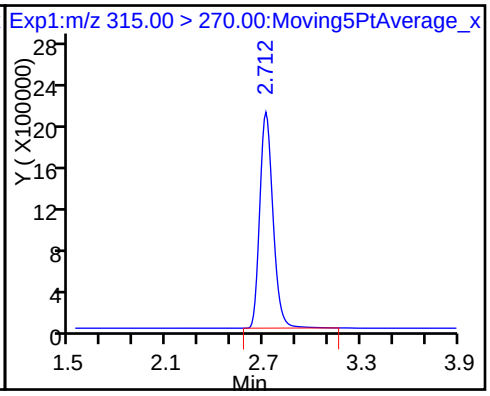
61 Sodium 1H,1H,2H,2H-perfluorohexane



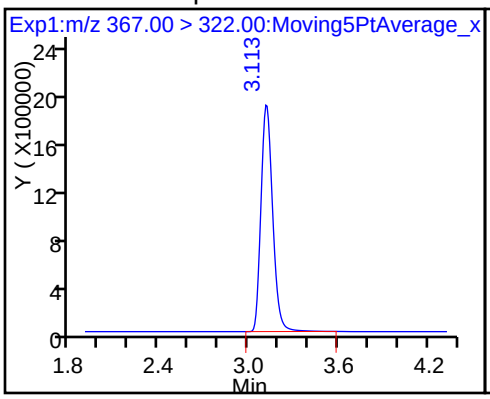
6 Perfluorohexanoic acid



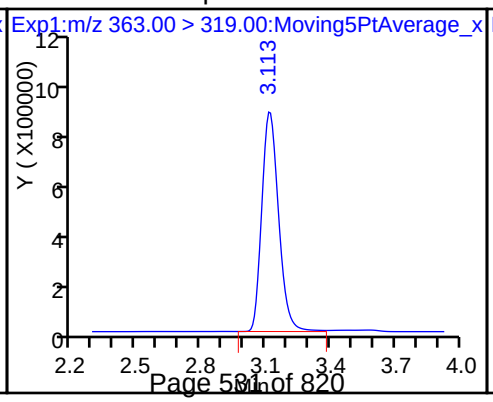
D 7 13C2 PFHxA



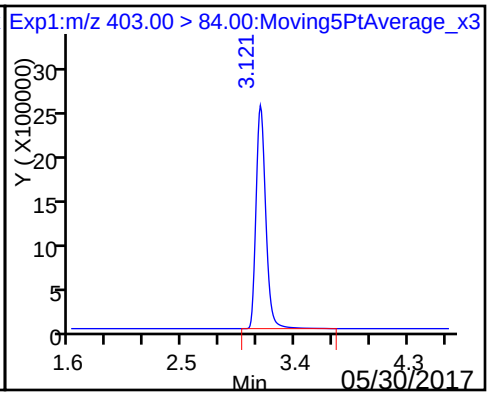
D 9 13C4-PFHpA



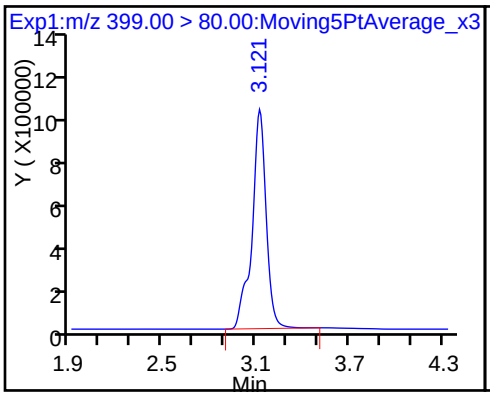
10 Perfluoroheptanoic acid



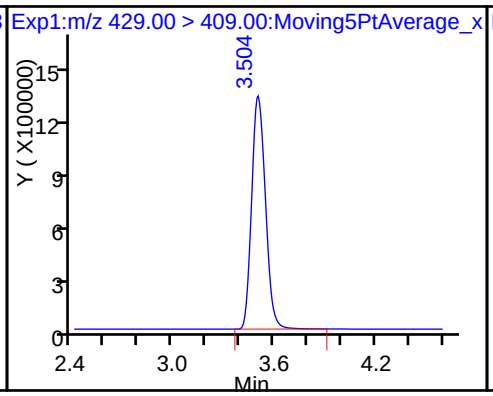
D 11 18O2 PFHxS



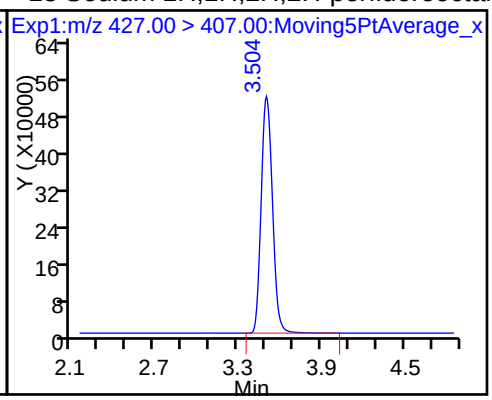
8 Perfluorohexanesulfonic acid



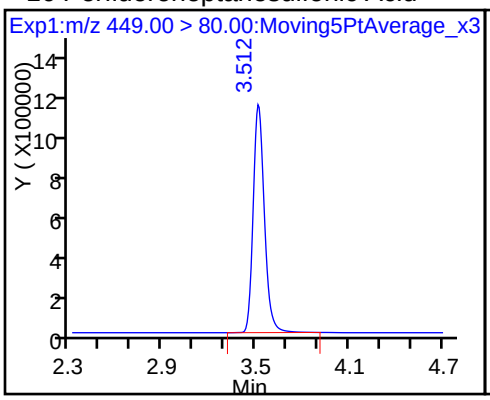
D 12 M2-6:2FTS



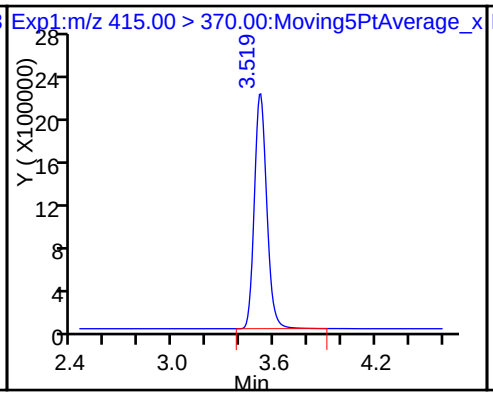
13 Sodium 1H,1H,2H,2H-perfluorooctane



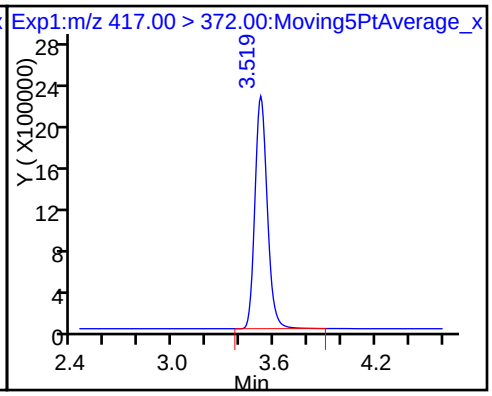
16 Perfluoroheptanesulfonic Acid



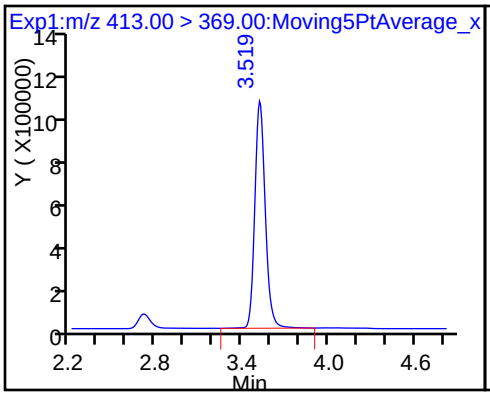
* 62 13C2-PFOA



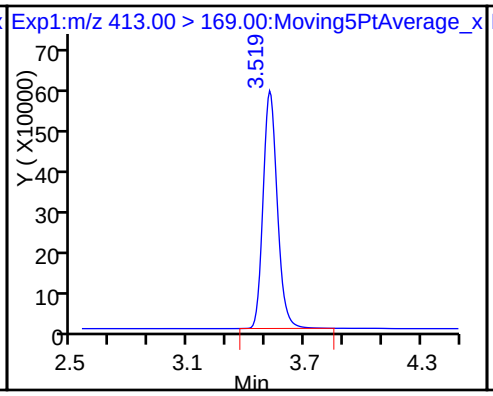
D 14 13C4 PFOA



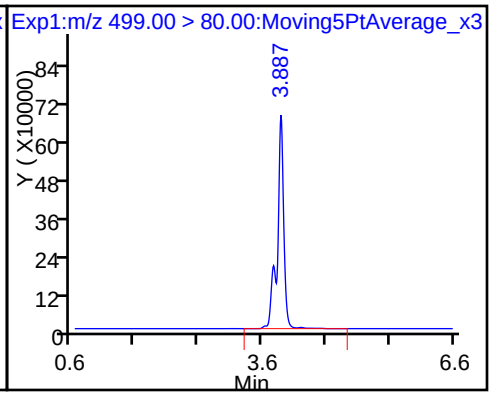
15 Perfluorooctanoic acid



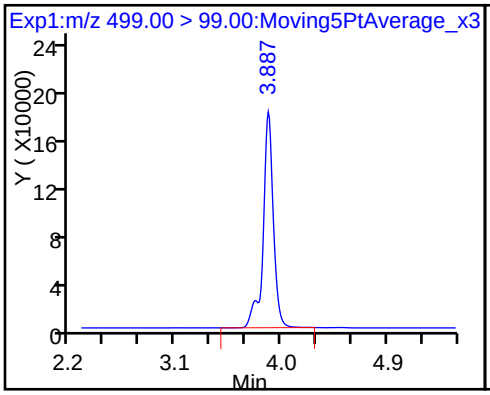
15 Perfluorooctanoic acid



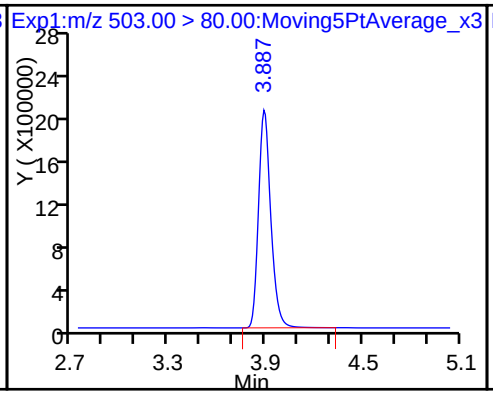
17 Perfluorooctane sulfonic acid



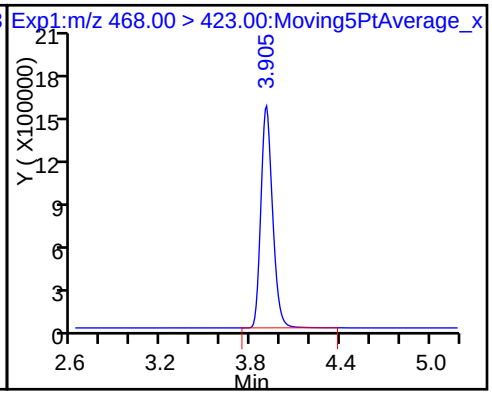
17 Perfluorooctane sulfonic acid



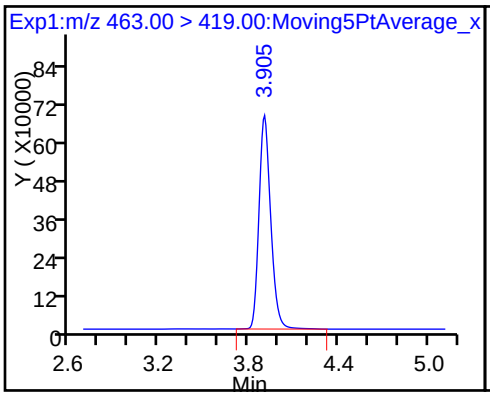
D 18 13C4 PFOS



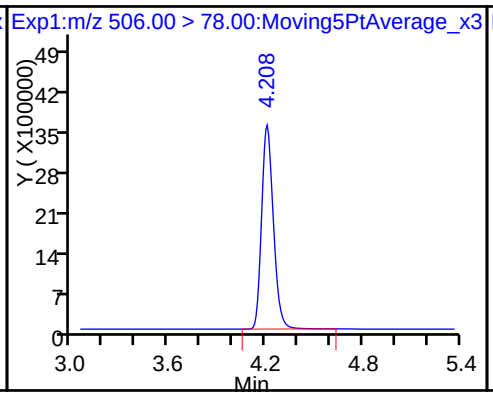
D 19 13C5 PFNA



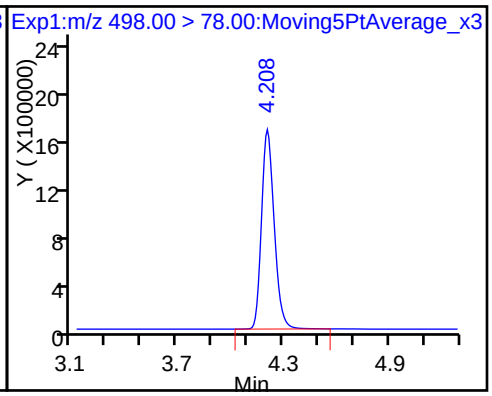
20 Perfluorononanoic acid



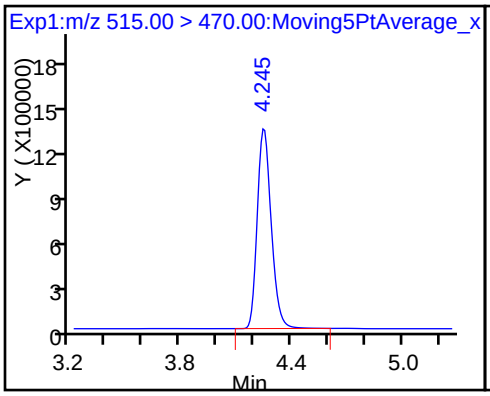
D 21 13C8 FOSA



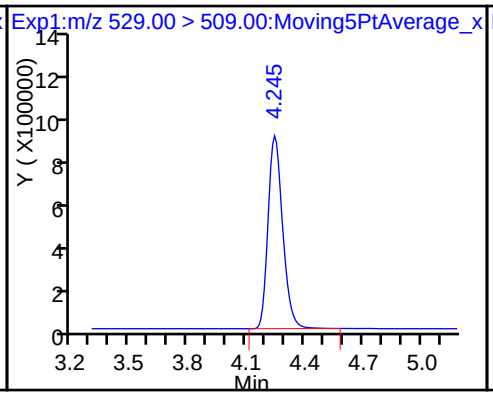
22 Perfluorooctane Sulfonamide



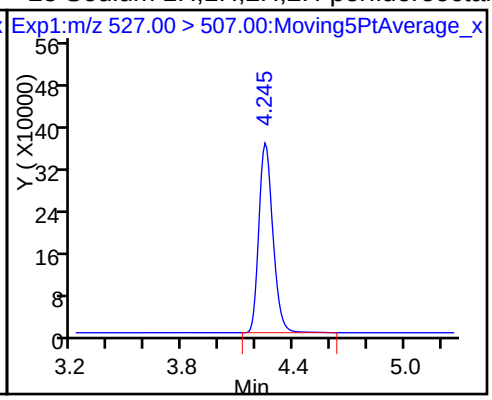
D 23 13C2 PFDA



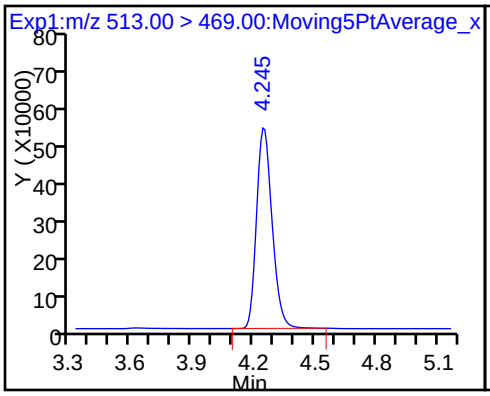
D 26 M2-8:2FTS



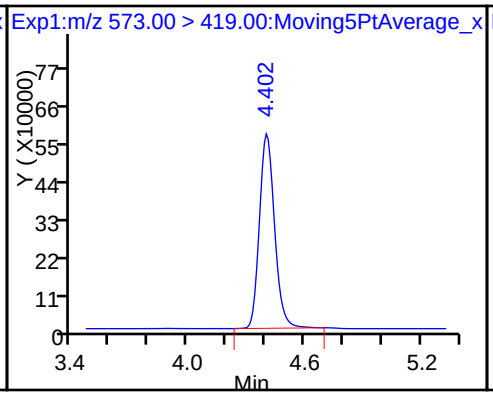
25 Sodium 1H,1H,2H,2H-perfluorooctane



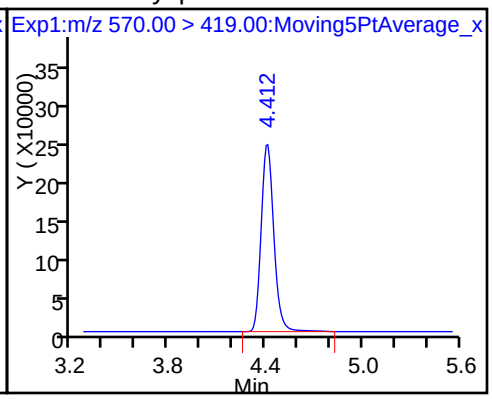
24 Perfluorodecanoic acid



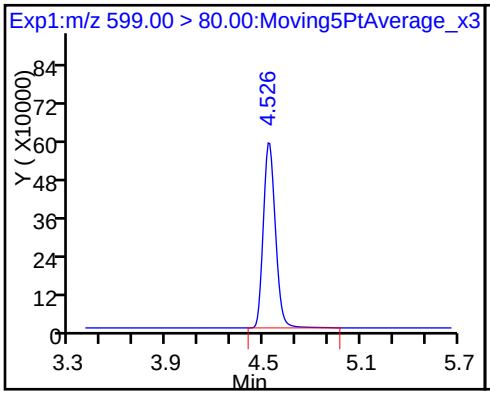
D 27 d3-NMeFOSAA



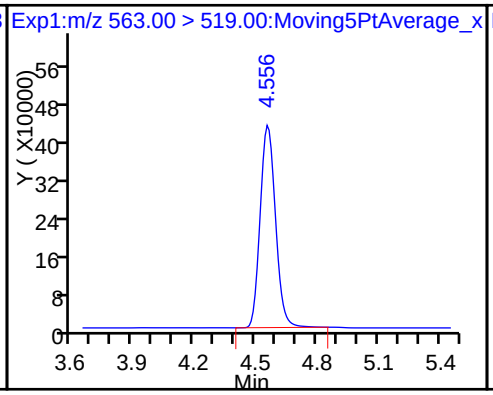
28 N-methyl perfluorooctane sulfonami



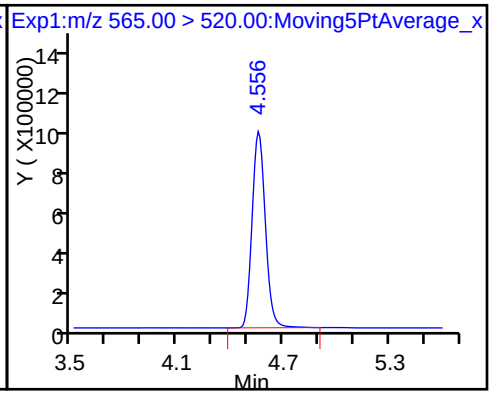
29 Perfluorodecane Sulfonic acid



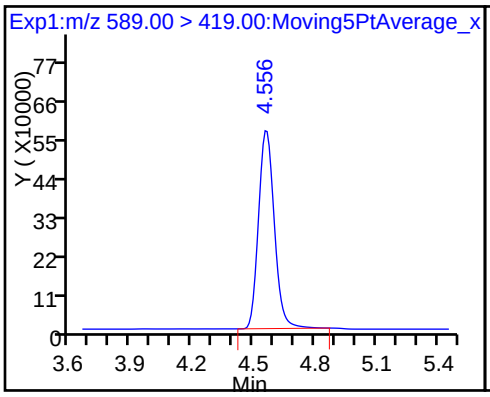
31 Perfluoroundecanoic acid



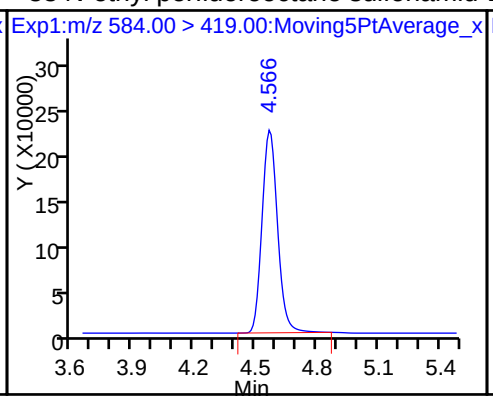
D 30 13C2 PFUnA



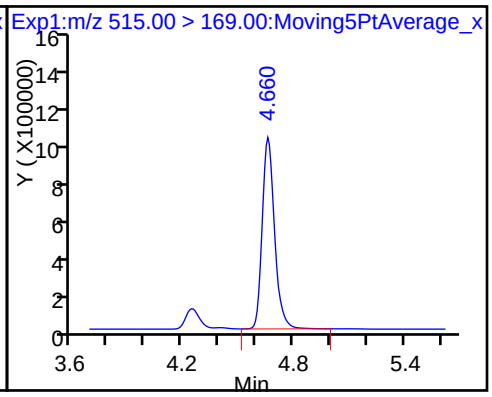
D 32 d5-NEtFOSAA



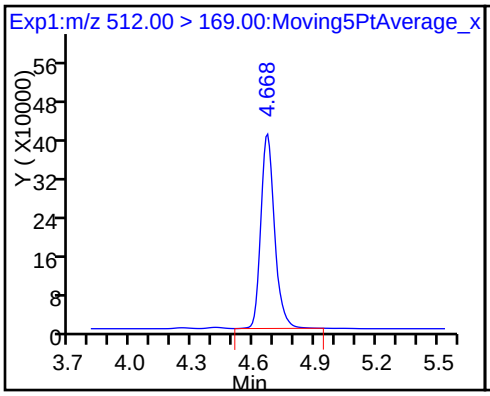
33 N-ethyl perfluorooctane sulfonamid



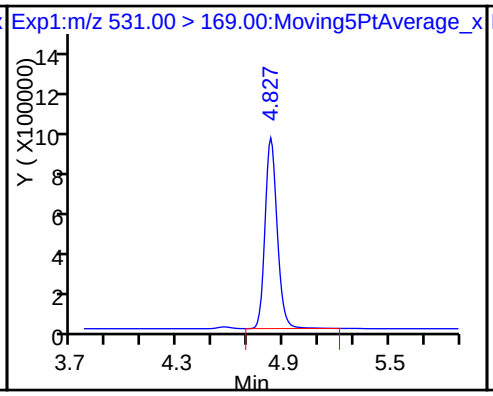
D 34 d-N-MeFOSA-M



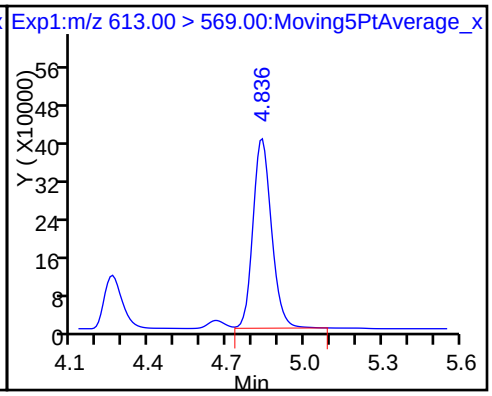
35 MeFOSA



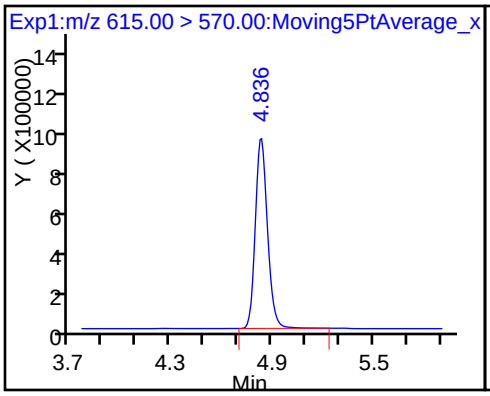
D 38 d-N-EtFOSA-M



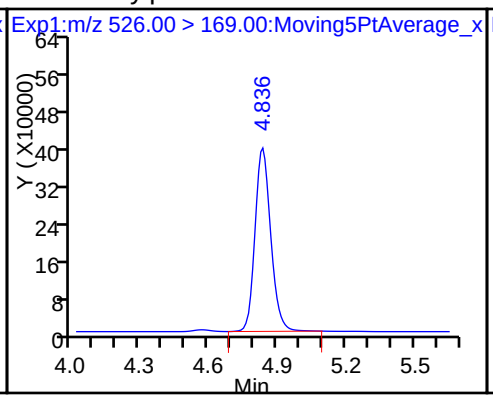
37 Perfluorododecanoic acid



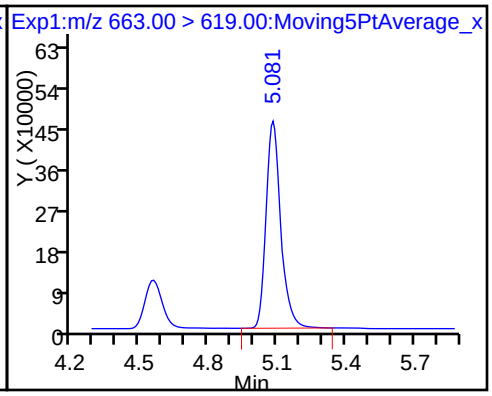
D 36 13C2 PFDoA



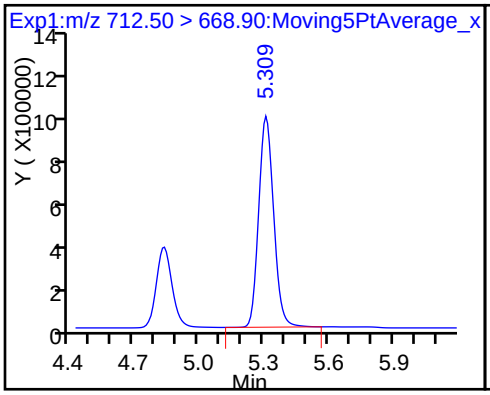
39 N-ethylperfluoro-1-octanesulfonami



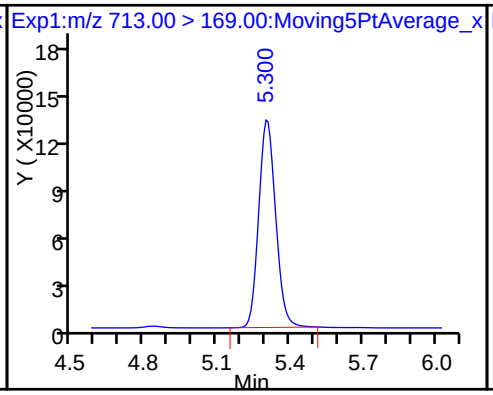
41 Perfluorotridecanoic acid



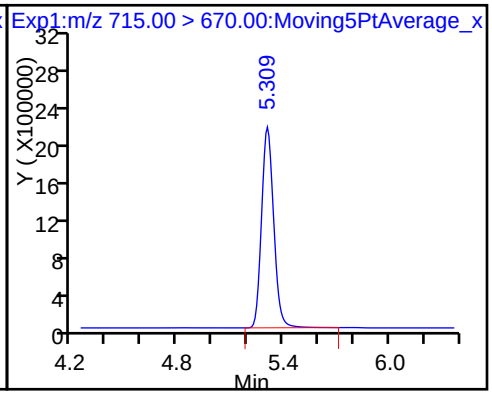
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



D 43 13C2-PFTeDA



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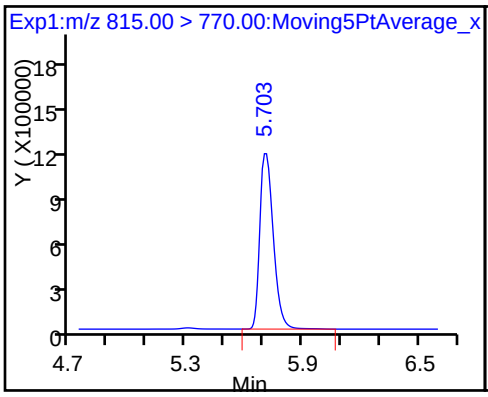
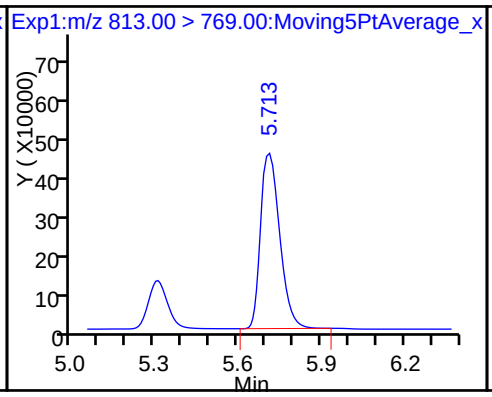
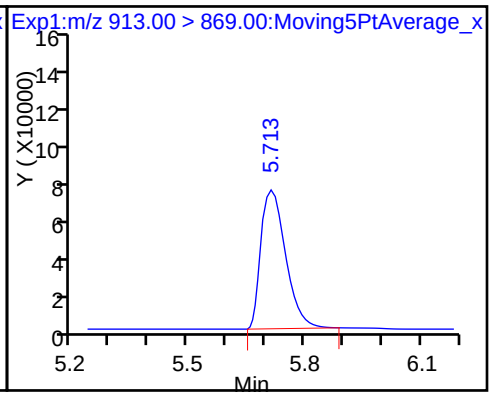


45 Perfluorohexadecanoic acid



46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_007.d
Lims ID: IC L5 Full
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 18-May-2017 18:19:59 ALS Bottle#: 32 Worklist Smp#: 6
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: L5-FULL
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 11:09:35 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK021

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.976	1.958	0.018		17825161	49.5		100	83323	
2 Perfluorobutyric acid										
212.90 > 169.00	1.976	1.962	0.014	1.000	18509390	51.1		103	5418	
D 3 13C5-PFPeA										
267.90 > 223.00	2.328	2.313	0.015		11920185	47.9		96.8	169427	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.338	2.317	0.021	1.000	12969293	49.0		98.9	3388	
D 47 13C3-PFBS										
301.90 > 83.00	2.368	2.352	0.016		294815	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.378	2.357	0.021	1.000	21391921	44.1		101		
298.90 > 99.00	2.378	2.357	0.021	1.000	8900150		2.40(0.00-0.00)	101		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.662	2.648	0.014	1.000	4309687	36.6		79.1		
6 Perfluorohexanoic acid										
313.00 > 269.00	2.711	2.693	0.018	1.000	12342228	49.3		99.5	23212	
D 7 13C2 PFHxA										
315.00 > 270.00	2.711	2.694	0.017		12037274	49.4		99.8	61196	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.117	3.095	0.022	1.000	11529318	50.8		103	5838	
D 9 13C4-PFHpA										
367.00 > 322.00	3.117	3.095	0.022		10045065	47.4		95.8	44014	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.117	3.101	0.016	1.000	16049307	44.9		99.6		
D 11 18O2 PFHxS										
403.00 > 84.00	3.117	3.101	0.016		14230510	46.7		99.8	37824	
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.494	3.472	0.022	1.000	6611247	44.7		95.2		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2FTS										
429.00 > 409.00	3.494	3.472	0.022		7180298	56.9		121		
* 62 13C2-PFOA										
415.00 > 370.00	3.509	3.491	0.018		10675674	49.5				
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.509	3.491	0.018	1.000	14362385	48.2		102		
D 14 13C4 PFOA										
417.00 > 372.00	3.509	3.495	0.014		11297775	53.1		107	44423	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.516	3.496	0.020	1.000	12770167	48.7		98.4	1210	
413.00 > 169.00	3.509	3.496	0.013	0.998	7412579		1.72(0.90-1.10)	98.4	15835	
D 18 13C4 PFOS										
503.00 > 80.00	3.877	3.863	0.014		10924619	47.6		101	17540	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.877	3.863	0.014	1.000	12648705	45.9		100	118173	
499.00 > 99.00	3.877	3.863	0.014	1.000	2751683		4.60(0.90-1.10)	100	13639	
20 Perfluorononanoic acid										
463.00 > 419.00	3.895	3.877	0.018	1.000	8953756	51.0		103	12142	
D 19 13C5 PFNA										
468.00 > 423.00	3.895	3.877	0.018		8122453	48.4		97.7	23724	
D 21 13C8 FOSA										
506.00 > 78.00	4.195	4.182	0.013		18616970	50.7		102	32237	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.204	4.183	0.021	1.000	19145797	48.2		97.3	22917	
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.232	4.220	0.012	1.000	4216009	45.0		94.8		
D 26 M2-8:2FTS										
529.00 > 509.00	4.232	4.220	0.012		4558792	46.0		97.0		
D 23 13C2 PFDA										
515.00 > 470.00	4.232	4.220	0.012		6827433	47.2		95.4	6903	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.243	4.222	0.021	1.000	7006930	49.6		100	5953	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.388	4.377	0.011		3273660	50.5		102		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.398	4.382	0.016	1.002	3282771	47.4		95.7		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.524	4.505	0.019	1.000	7785353	49.1		103		
D 30 13C2 PFUnA										
565.00 > 520.00	4.543	4.532	0.011		4949451	48.6		98.3	23094	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.543	4.532	0.011	1.000	5524902	46.9		94.8	5774	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.553	4.533	0.020		3302194	52.0		105		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.553	4.540	0.013	1.000	3035592	47.6		96.1		
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.648	4.635	0.013		5032773	50.6		102		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
35 MeFOSA										
512.00 > 169.00	4.658	4.643	0.015	1.000	4877524	49.8		101		
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.815	4.802	0.013		4628751	49.6		100		
D 36 13C2 PFDoA										
615.00 > 570.00	4.824	4.809	0.015		4872612	48.6		98.2	4988	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.824	4.809	0.015	1.000	5005911	50.1		101	312	
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.824	4.810	0.014	1.000	4751037	50.0		101		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.069	5.057	0.012	1.000	5011159	49.9		101	297	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.300	5.286	0.014		9856738	48.1		97.2	6867	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.300	5.286	0.014	1.000	11670758	52.1		105	137	
713.00 > 169.00	5.291	5.286	0.005	0.998	1528945		7.63(0.00-0.00)	105	2990	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.693	5.684	0.009		5743933	48.5		98.1	1975	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.693	5.687	0.006	1.000	5487449	50.5		102	157	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.714	5.709	0.005	1.000	239292	27.6		55.8	616	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L5_00002 Amount Added: 1.00 Units: mL

Report Date: 19-May-2017 11:09:36 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_007.d

Injection Date: 18-May-2017 18:19:59 Instrument ID: A8_N

Lims ID: IC L5 Full

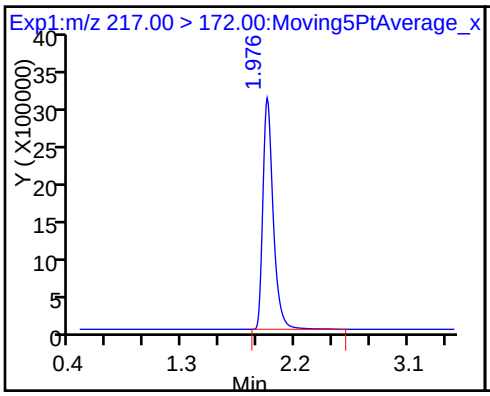
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 32 Worklist Smp#: 6

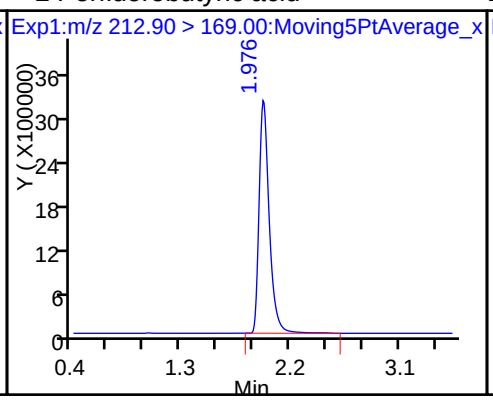
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

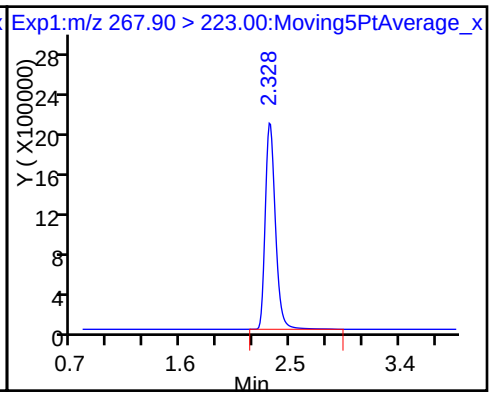
D 1 13C4 PFBA



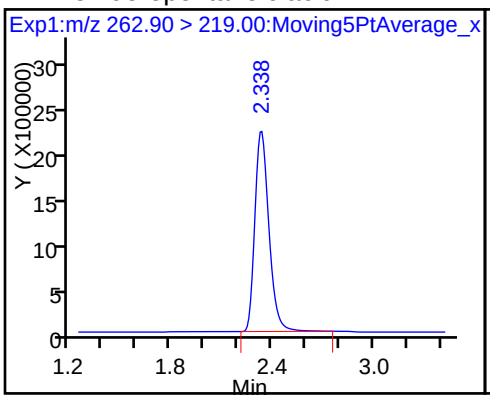
2 Perfluorobutyric acid



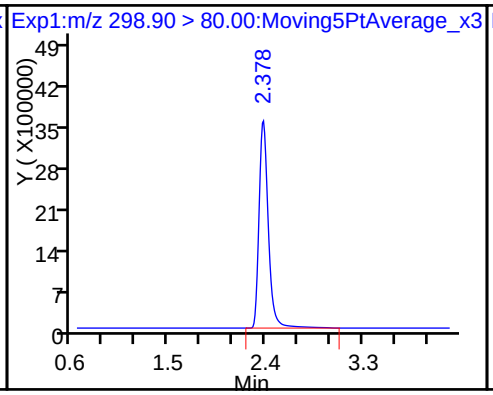
D 3 13C5-PFPeA



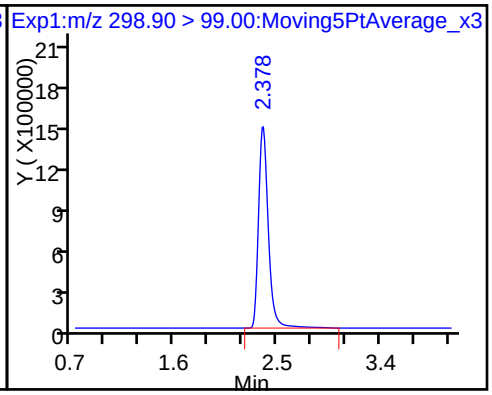
4 Perfluoropentanoic acid



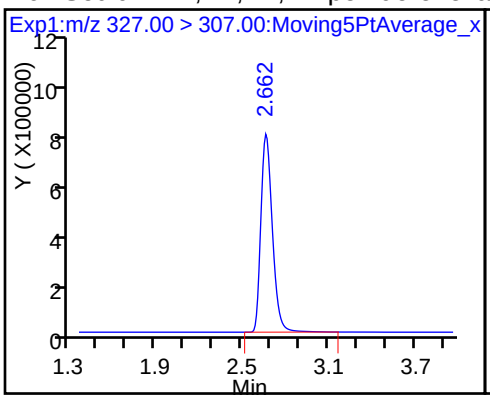
5 Perfluorobutanesulfonic acid



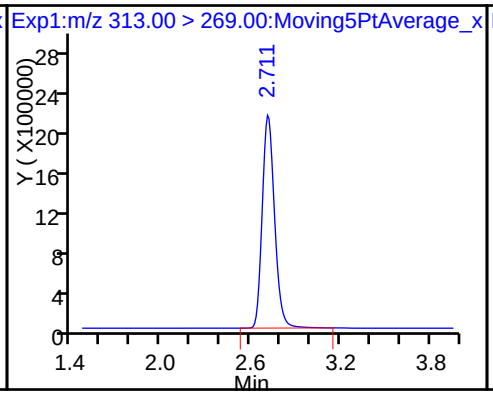
5 Perfluorobutanesulfonic acid



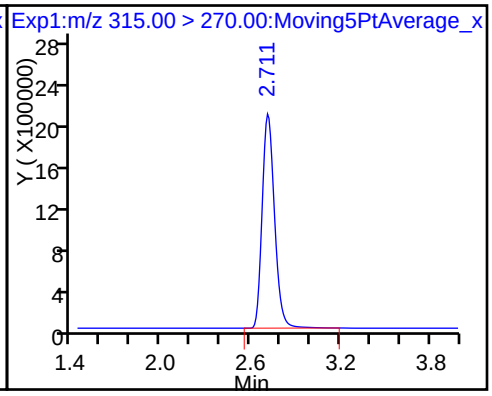
61 Sodium 1H,1H,2H,2H-perfluorohexane



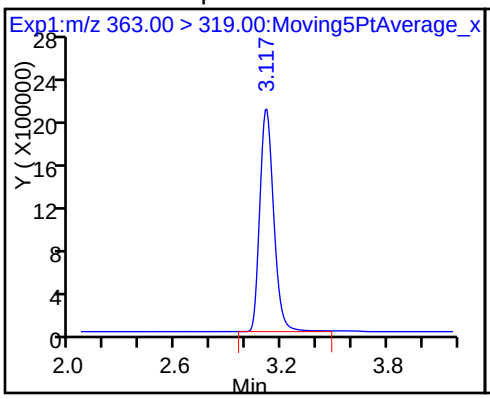
6 Perfluorohexanoic acid



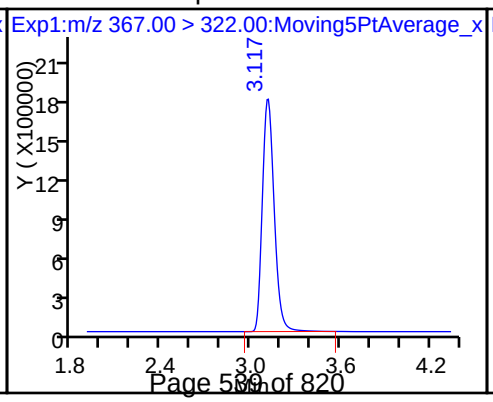
D 7 13C2 PFHxA



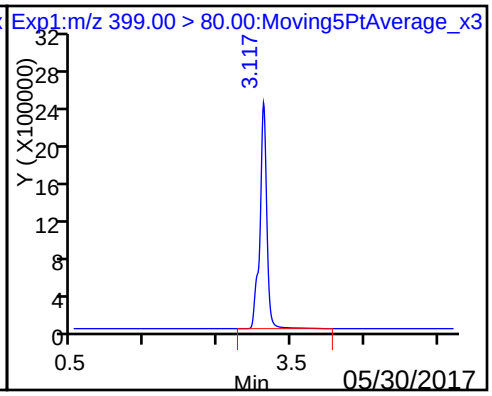
10 Perfluoroheptanoic acid



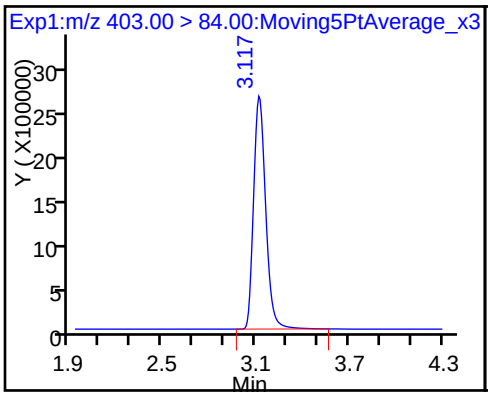
D 9 13C4-PFHpA



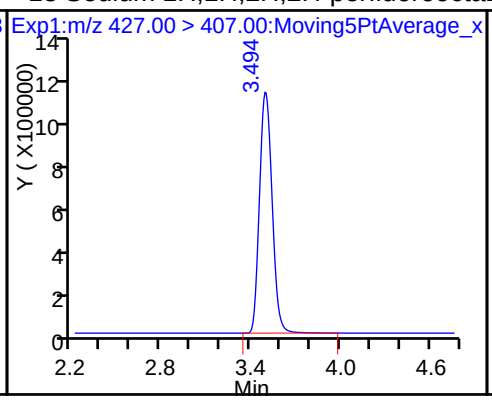
8 Perfluorohexanesulfonic acid



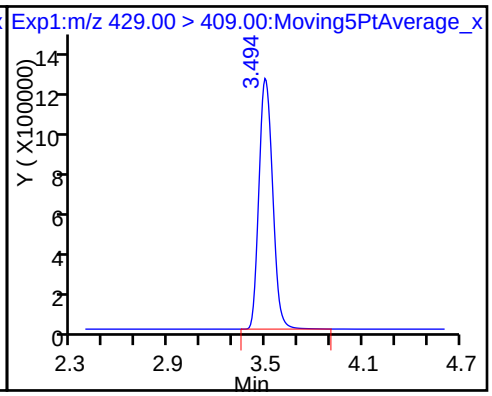
D 11 18O2 PFHxS



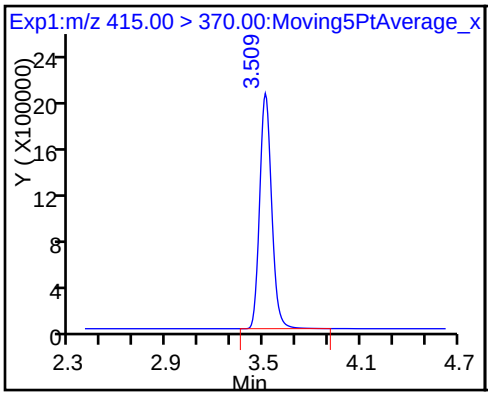
13 Sodium 1H,1H,2H,2H-perfluorooctane



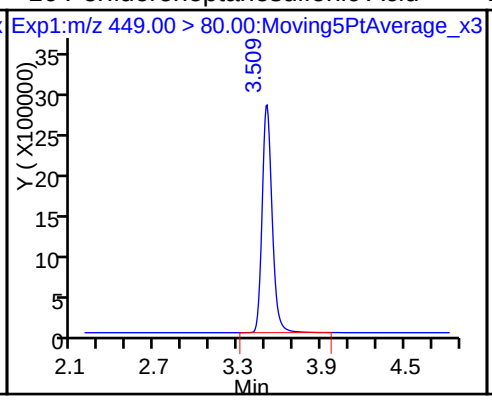
D 12 M2-6:2FTS



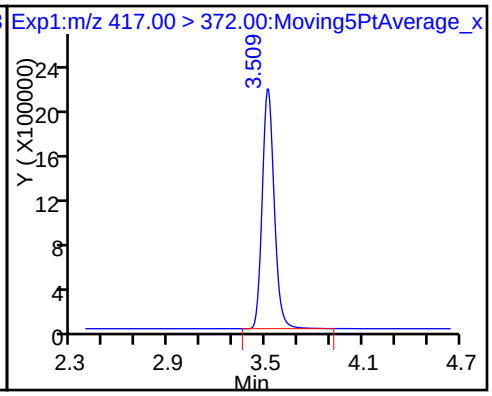
* 62 13C2-PFOA



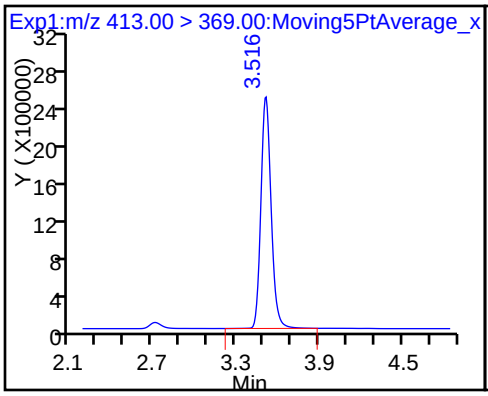
16 Perfluoroheptanesulfonic Acid



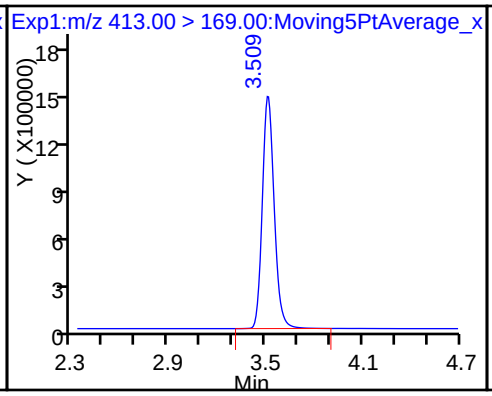
D 14 13C4 PFOA



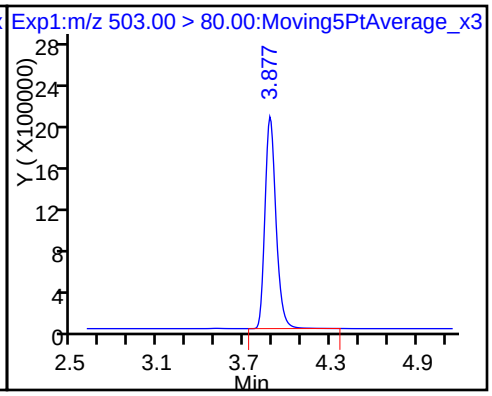
15 Perfluorooctanoic acid



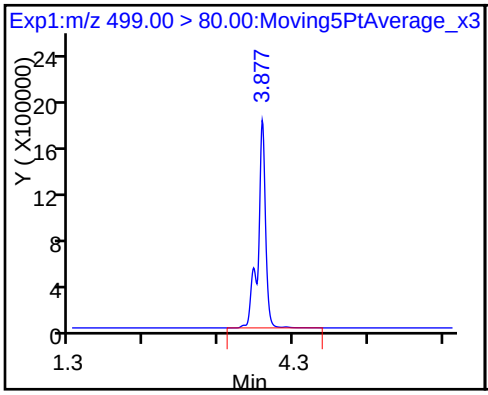
15 Perfluorooctanoic acid



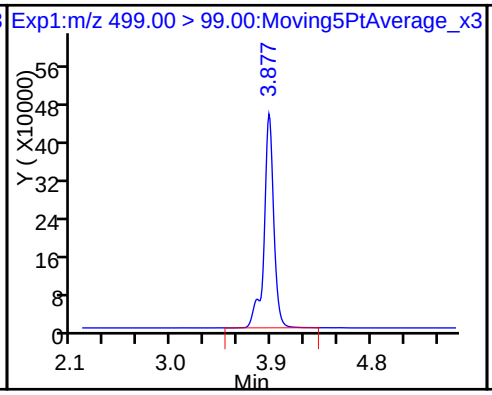
D 18 13C4 PFOS



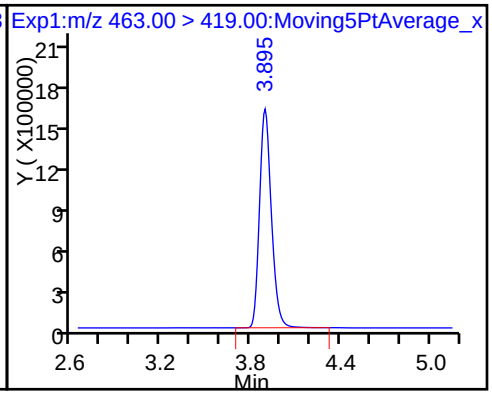
17 Perfluorooctane sulfonic acid



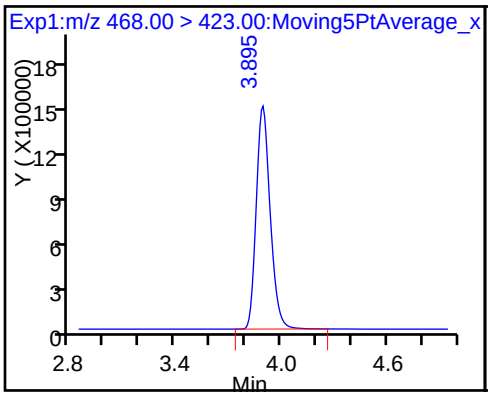
17 Perfluorooctane sulfonic acid



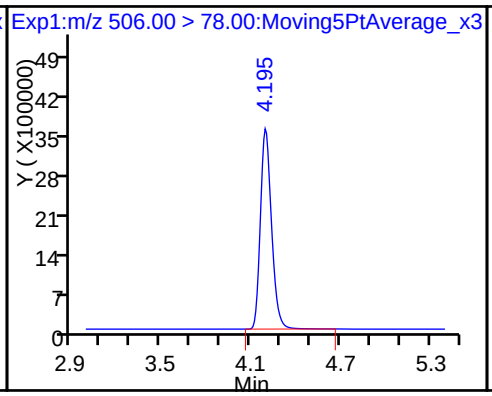
20 Perfluorononanoic acid



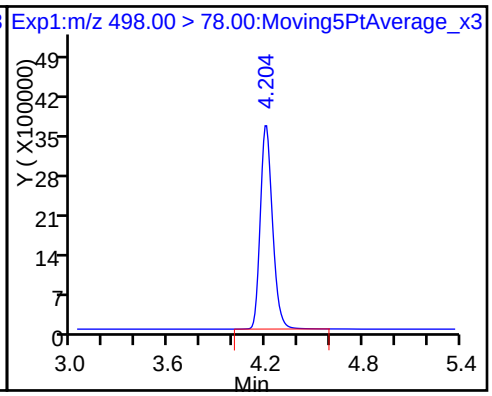
D 19 13C5 PFNA



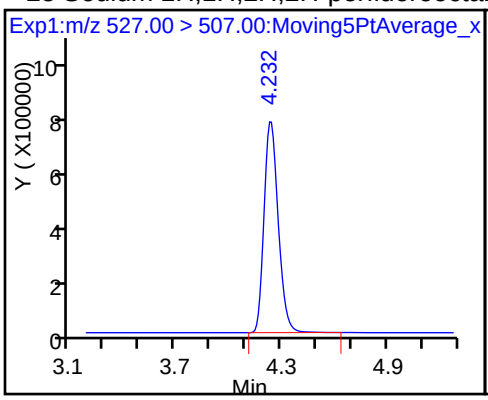
D 21 13C8 FOSA



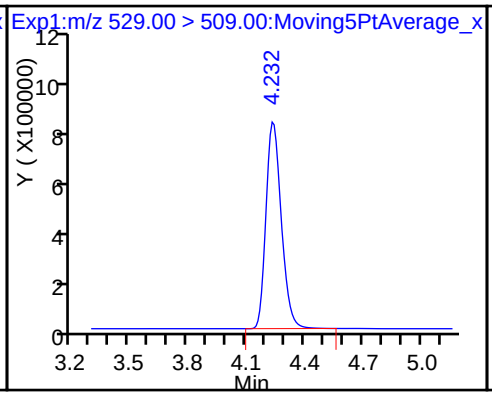
22 Perfluorooctane Sulfonamide



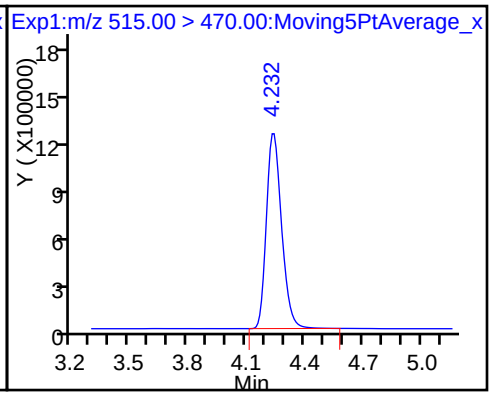
25 Sodium 1H,1H,2H,2H-perfluorooctane



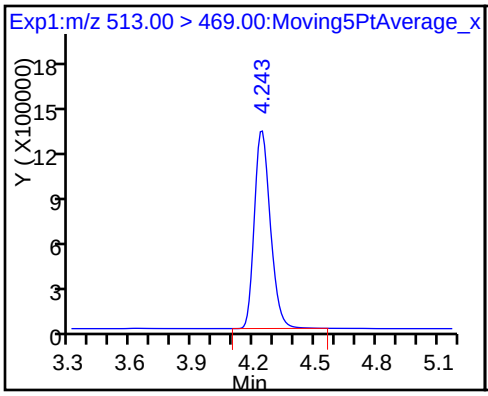
D 26 M2-8:2FTS



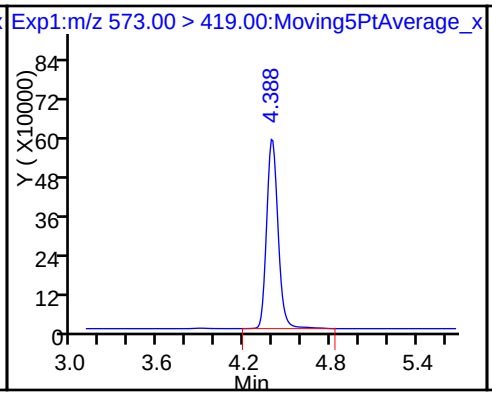
D 23 13C2 PFDA



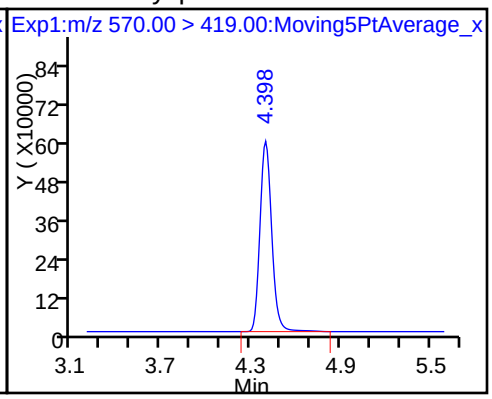
24 Perfluorodecanoic acid



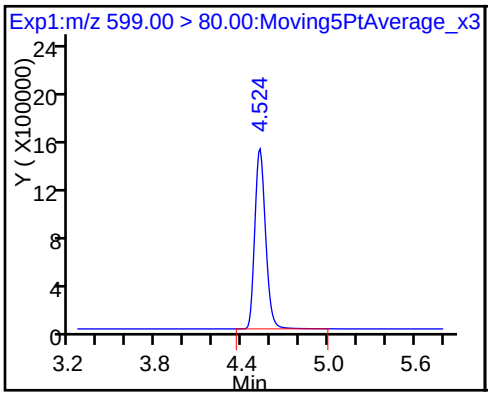
D 27 d3-NMeFOSAA



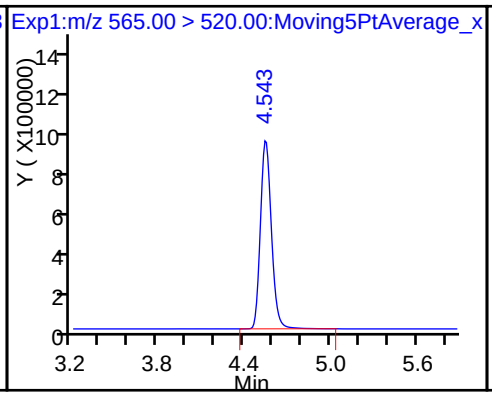
28 N-methyl perfluorooctane sulfonami



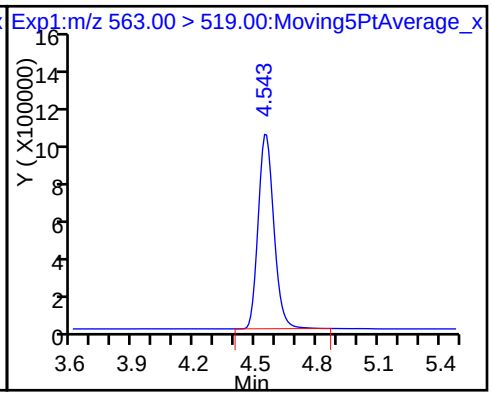
29 Perfluorodecane Sulfonic acid



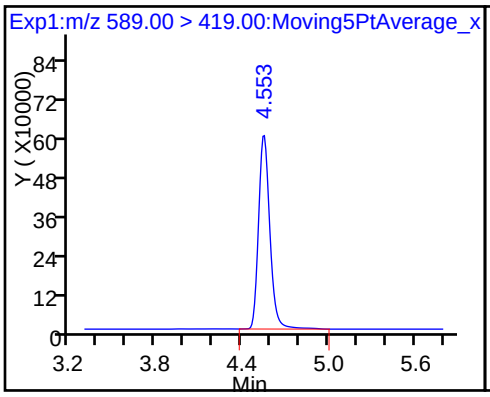
D 30 13C2 PFUnA



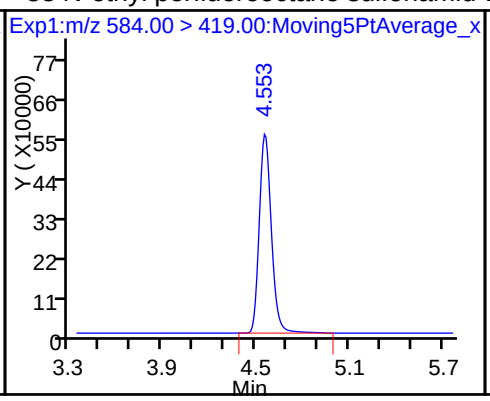
31 Perfluoroundecanoic acid



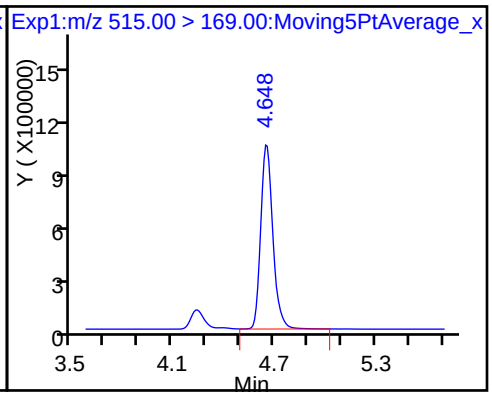
D 32 d5-NEtFOSAA



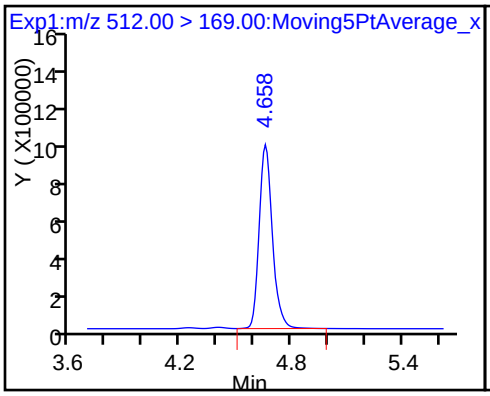
33 N-ethyl perfluorooctane sulfonamid



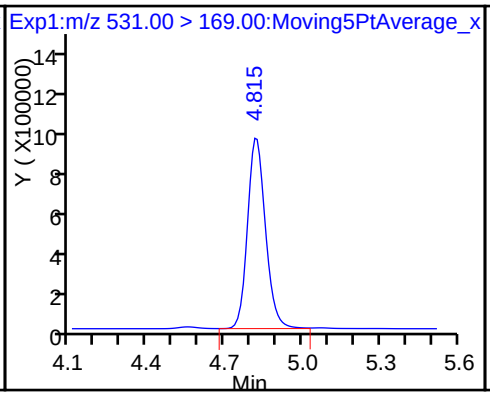
D 34 d-N-MeFOSA-M



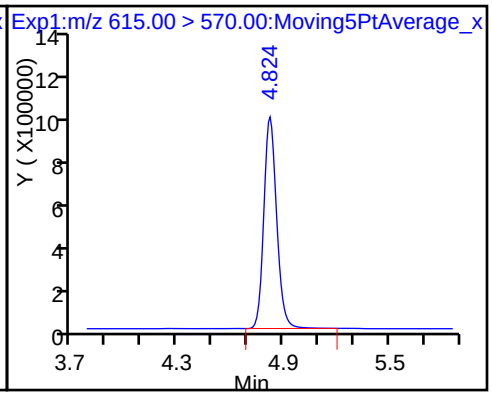
35 MeFOSA



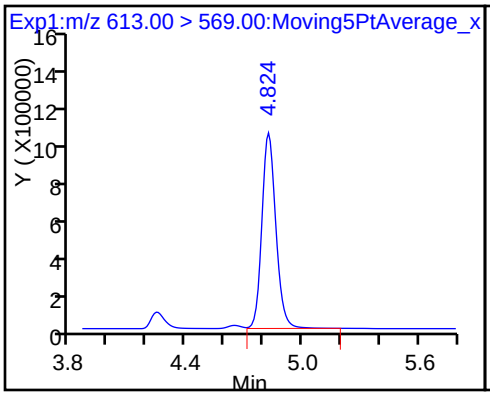
D 38 d-N-EtFOSA-M



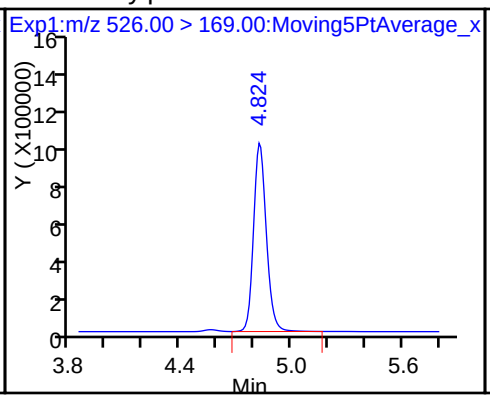
D 36 13C2 PFDoA



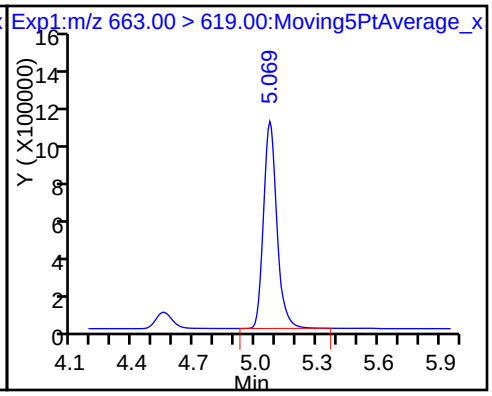
37 Perfluorododecanoic acid



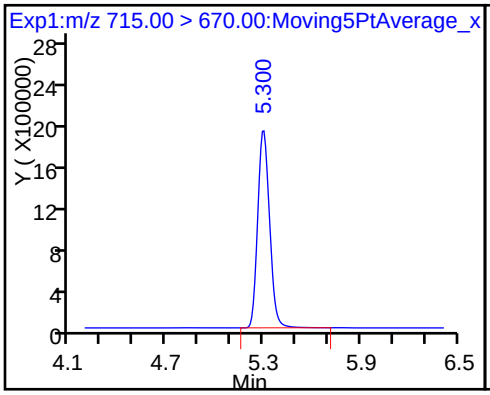
39 N-ethylperfluoro-1-octanesulfonami



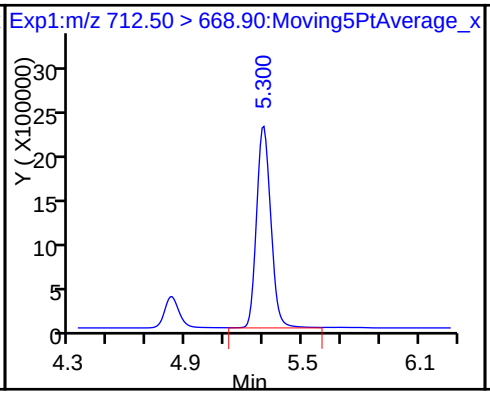
41 Perfluorotridecanoic acid



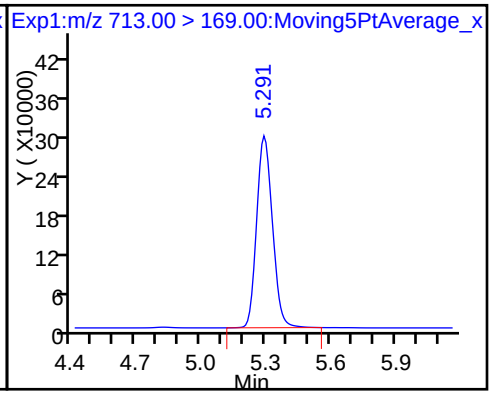
D 43 13C2-PFTeDA



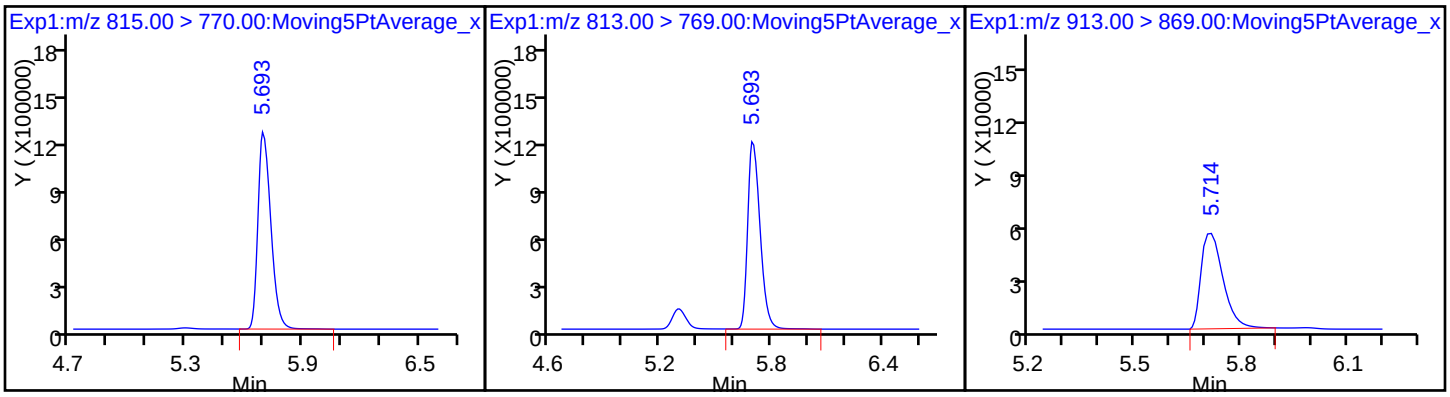
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_008.d
Lims ID: IC L6 Full
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 18-May-2017 18:27:31 ALS Bottle#: 33 Worklist Smp#: 7
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: L6-FULL
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 11:09:40 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK021

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.976	1.958	0.018		17064389	47.4		95.8	32755	
2 Perfluorobutyric acid										
212.90 > 169.00	1.976	1.962	0.014	1.000	33120926	95.5		96.5	9406	
D 3 13C5-PFPeA										
267.90 > 223.00	2.328	2.313	0.015		11193387	45.0		90.9	25958	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.328	2.317	0.011	1.000	23581452	94.8		95.7	5089	
D 47 13C3-PFBS										
301.90 > 83.00	2.368	2.352	0.016		284423	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.368	2.357	0.011	1.000	36061602	77.9		89.0		
298.90 > 99.00	2.368	2.357	0.011	1.000	15936884		2.26(0.00-0.00)	89.0		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.659	2.648	0.011	1.000	7995350	97.8		106		
6 Perfluorohexanoic acid										
313.00 > 269.00	2.707	2.693	0.014	1.000	22027127	96.0		96.9	30468	
D 7 13C2 PFHxA										
315.00 > 270.00	2.707	2.694	0.013		11032136	45.3		91.5	42142	
D 9 13C4-PFHpA										
367.00 > 322.00	3.112	3.095	0.017		9654269	45.6		92.0	37282	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.112	3.095	0.017	1.000	20425928	93.6		94.5	10520	
D 11 18O2 PFHxS										
403.00 > 84.00	3.121	3.101	0.020		13581773	44.6		95.3	33761	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.121	3.101	0.020	1.000	30214382	88.5		98.2		
D 12 M2-6:2FTS										
429.00 > 409.00	3.483	3.472	0.011		4982011	39.5		84.0		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.483	3.472	0.011	1.000	9116988	88.8		94.6		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.506	3.491	0.015	1.000	25989763	90.5		96.0		
* 62 13C2-PFOA										
415.00 > 370.00	3.506	3.491	0.015		9163047	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.513	3.495	0.018		9203508	43.3		87.4	36064	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.513	3.496	0.017	1.000	19983699	93.6		94.5	1825	
413.00 > 169.00	3.513	3.496	0.017	1.000	12037086		1.66(0.90-1.10)	94.5	13562	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.882	3.863	0.019	1.000	24532278	92.5		101	167110	
499.00 > 99.00	3.882	3.863	0.019	1.000	5350572		4.58(0.90-1.10)	101	15623	
D 18 13C4 PFOS										
503.00 > 80.00	3.882	3.863	0.019		10527539	45.9		97.0	8060	
D 19 13C5 PFNA										
468.00 > 423.00	3.891	3.877	0.014		7660430	45.6		92.2	21874	
20 Perfluorononanoic acid										
463.00 > 419.00	3.891	3.877	0.014	1.000	15938669	96.3		97.2	13067	
D 21 13C8 FOSA										
506.00 > 78.00	4.200	4.182	0.018		17270518	47.0		95.0	17529	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.200	4.183	0.017	1.000	33710607	91.4		92.3	20554	
D 23 13C2 PFDA										
515.00 > 470.00	4.237	4.220	0.017		6863317	47.5		95.9	7960	
D 26 M2-8:2FTS										
529.00 > 509.00	4.237	4.220	0.017		4629417	46.7		98.5		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.237	4.220	0.017	1.000	8324445	87.4		92.2		
24 Perfluorodecanoic acid										
513.00 > 469.00	4.237	4.222	0.015	1.000	13171385	92.8		93.7	6918	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.394	4.377	0.017		3242876	50.0		101		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.394	4.382	0.012	1.000	6578893	95.9		96.8		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.520	4.505	0.015	1.000	13747432	90.0		94.3		
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.550	4.532	0.018	1.000	10101592	92.9		93.8	16023	
D 30 13C2 PFUnA										
565.00 > 520.00	4.550	4.532	0.018		4569476	44.9		90.7	27309	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.550	4.533	0.017		2859386	45.0		90.9		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.560	4.540	0.020	1.002	5527550	100.0		101		
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.658	4.635	0.023		5080484	51.0		103		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
35 MeFOSA										
512.00 > 169.00	4.658	4.643	0.015	1.000	9556465	96.6		97.6		
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.818	4.802	0.016		4660325	50.0		101		
37 Perfluorododecanoic acid										
613.00 > 569.00	4.828	4.809	0.019	1.000	9326044	95.6		96.6	572	
D 36 13C2 PFDoA										
615.00 > 570.00	4.828	4.809	0.019		4760977	47.5		95.9	4714	
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.828	4.810	0.018	1.000	9337435	97.6		98.6		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.076	5.057	0.019	1.000	9408129	95.8		96.8	548	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.300	5.286	0.014	1.000	21094582	96.4		97.4	266	
713.00 > 169.00	5.291	5.286	0.005	0.998	2982643		7.07(0.00-0.00)	97.4	4075	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.300	5.286	0.014		9807456	47.9		96.7	7314	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.695	5.684	0.011		5771864	48.8		98.5	2357	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.695	5.687	0.008	1.000	10776803	102.4		103	327	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.717	5.709	0.008	1.000	176654	19.8		20.0	294	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L6_00003 Amount Added: 1.00 Units: mL

Report Date: 19-May-2017 11:09:41 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_008.d

Injection Date: 18-May-2017 18:27:31 Instrument ID: A8_N

Lims ID: IC L6 Full

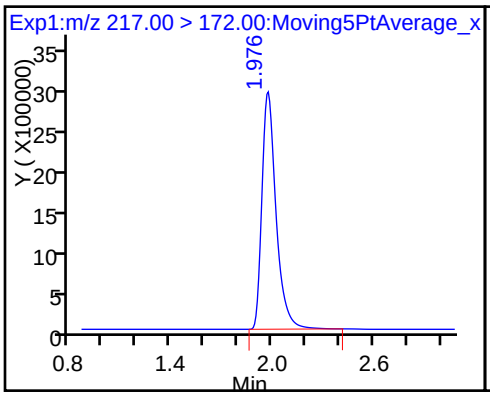
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 33 Worklist Smp#: 7

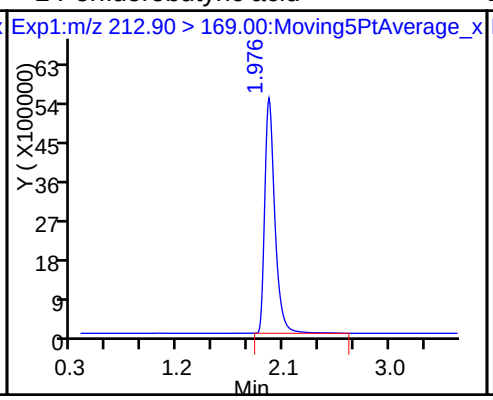
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

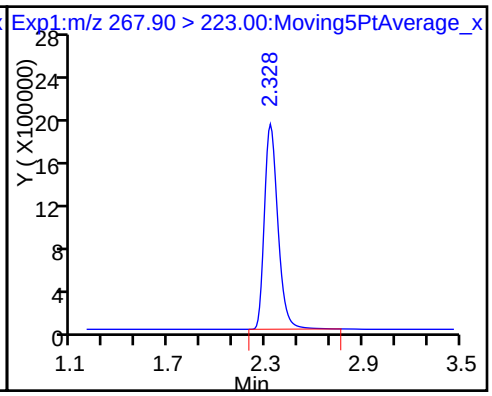
D 1 13C4 PFBA



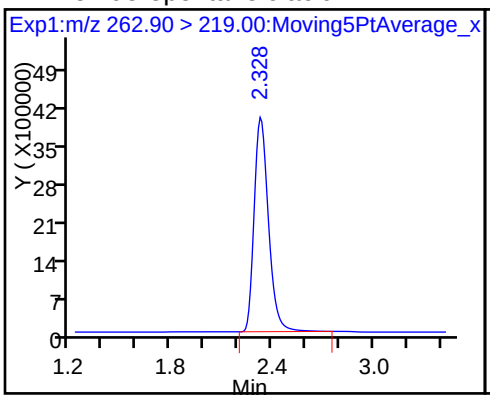
2 Perfluorobutyric acid



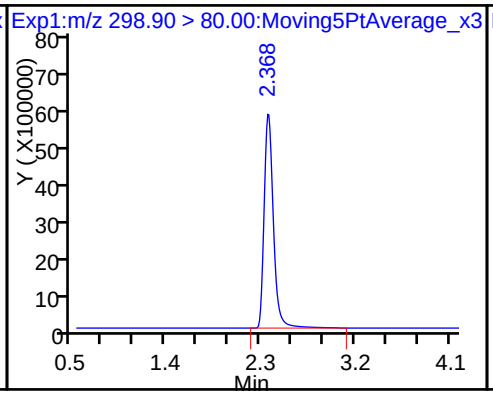
D 3 13C5-PFPeA



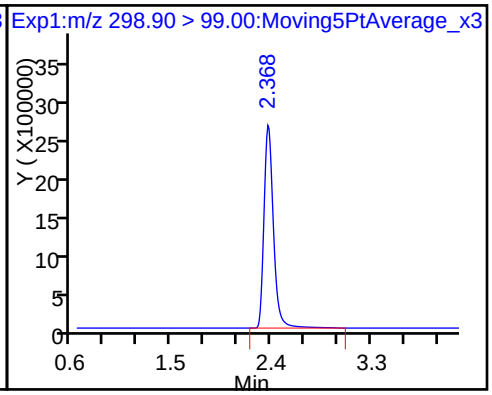
4 Perfluoropentanoic acid



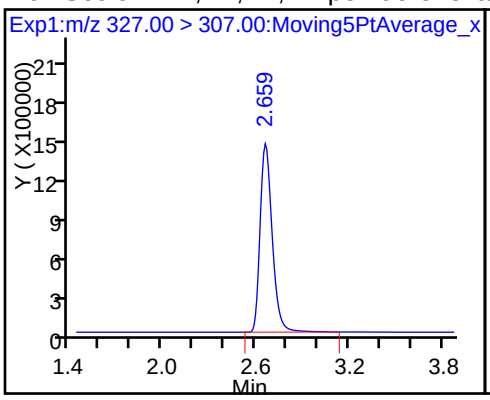
5 Perfluorobutanesulfonic acid



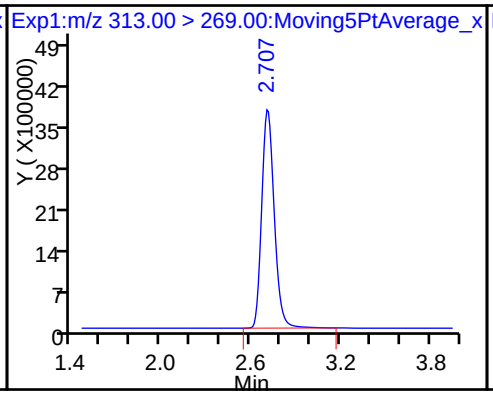
5 Perfluorobutanesulfonic acid



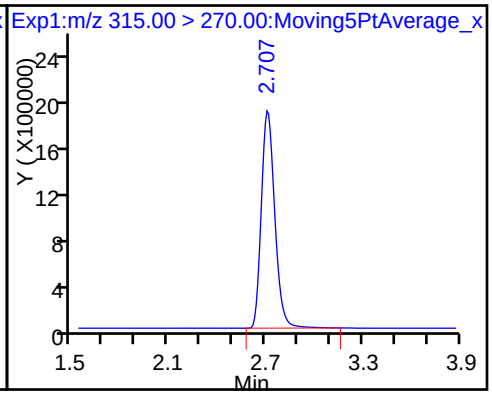
61 Sodium 1H,1H,2H,2H-perfluorohexane



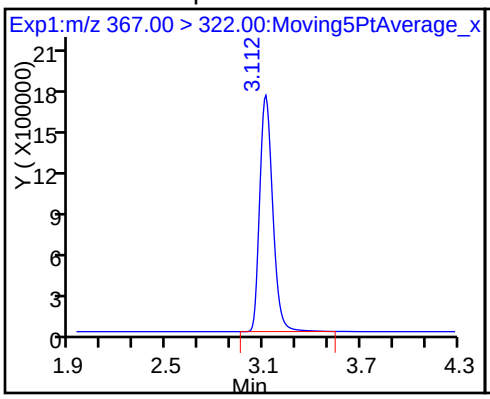
6 Perfluorohexanoic acid



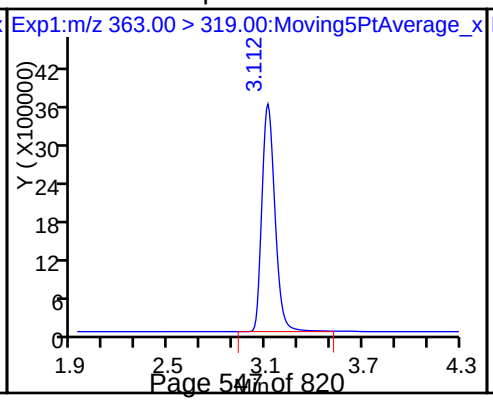
D 7 13C2 PFHxA



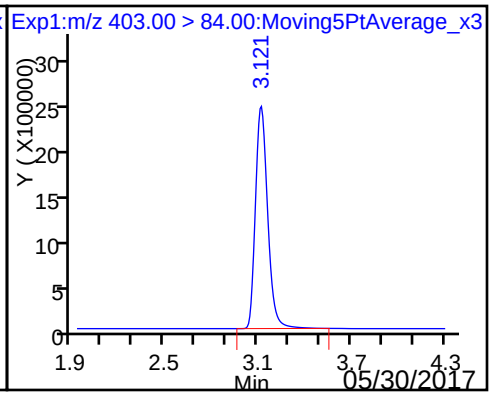
D 9 13C4-PFHpA



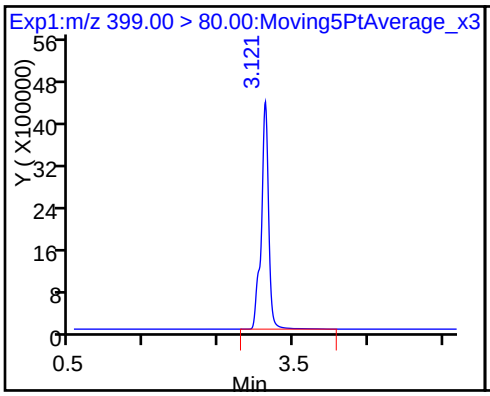
10 Perfluoroheptanoic acid



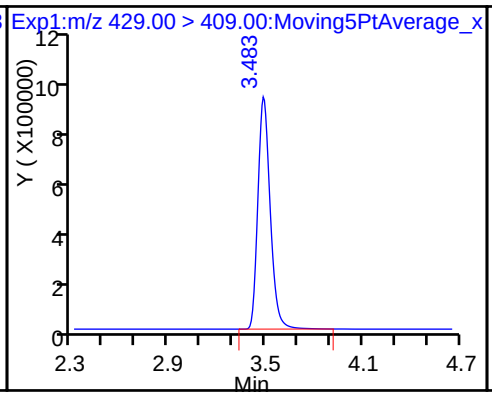
D 11 18O2 PFHxS



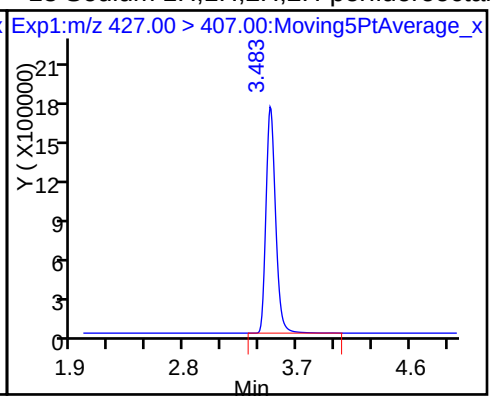
8 Perfluorohexanesulfonic acid



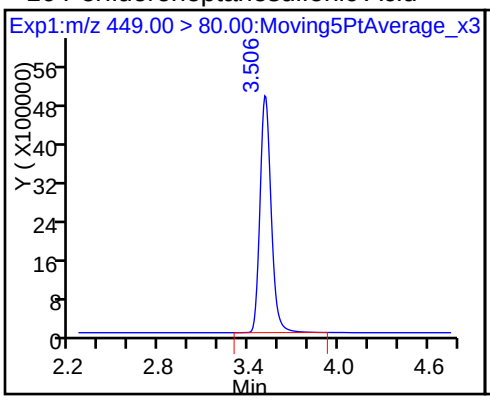
D 12 M2-6:2FTS



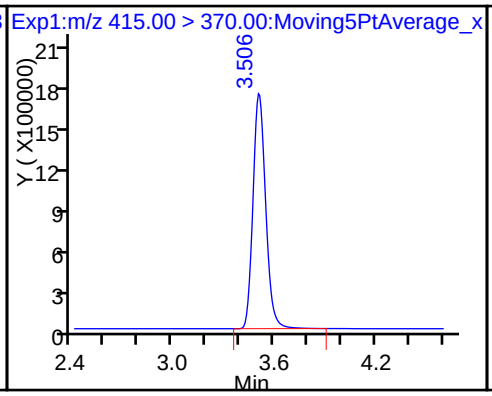
13 Sodium 1H,1H,2H,2H-perfluorooctane



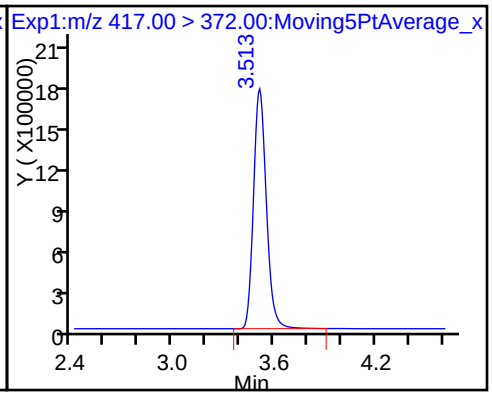
16 Perfluoroheptanesulfonic Acid



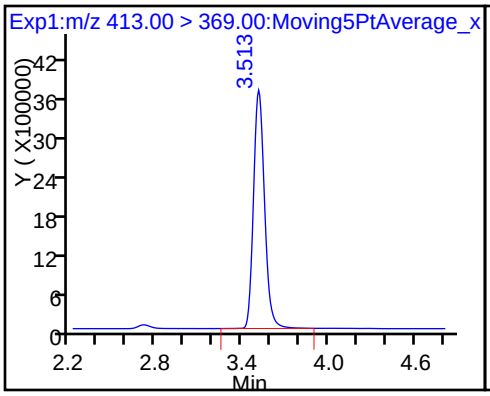
* 62 13C2-PFOA



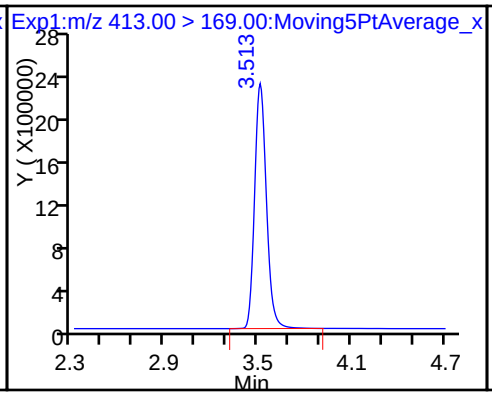
D 14 13C4 PFOA



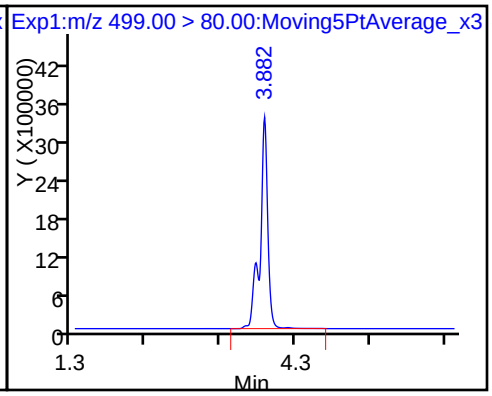
15 Perfluorooctanoic acid



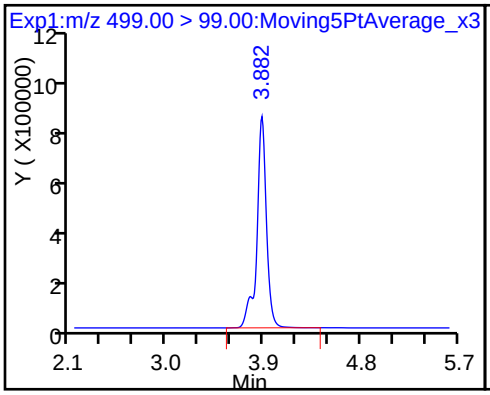
15 Perfluorooctanoic acid



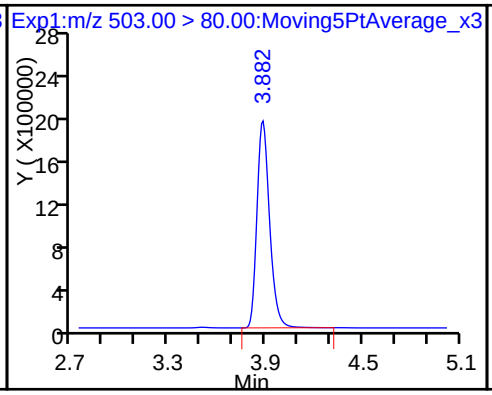
17 Perfluorooctane sulfonic acid



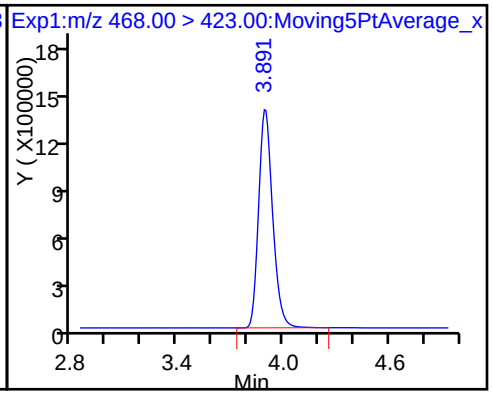
17 Perfluorooctane sulfonic acid



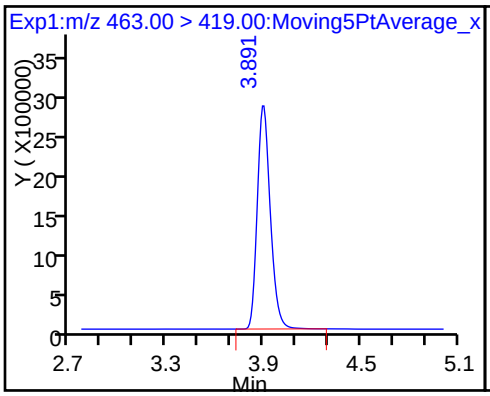
D 18 13C4 PFOS



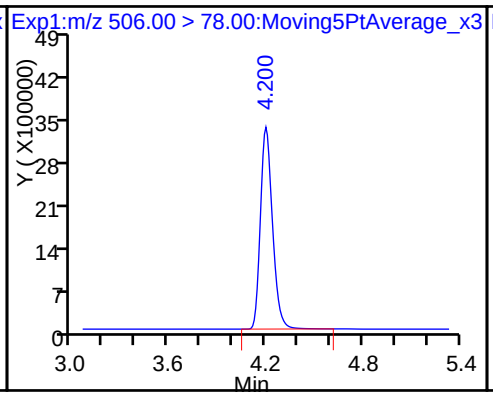
D 19 13C5 PFNA



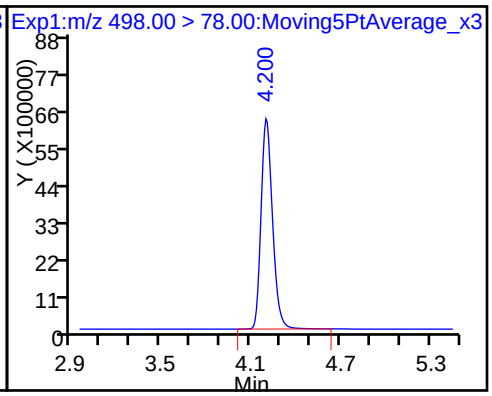
20 Perfluorononanoic acid



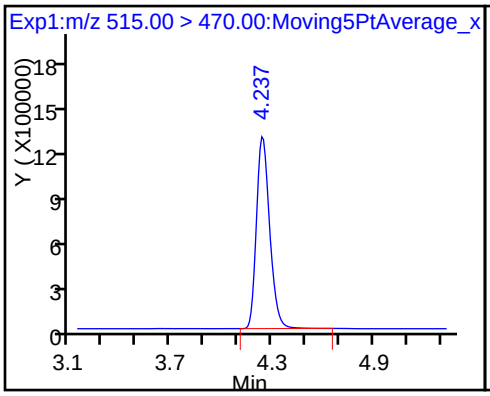
D 21 13C8 FOSA



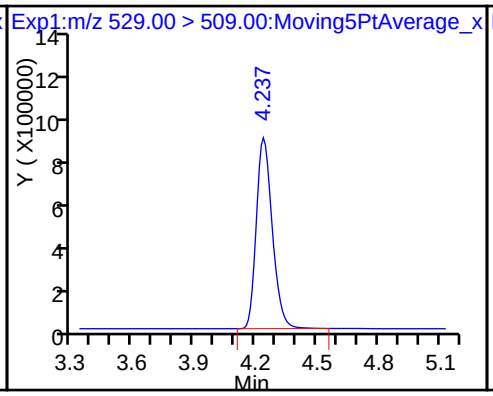
22 Perfluorooctane Sulfonamide



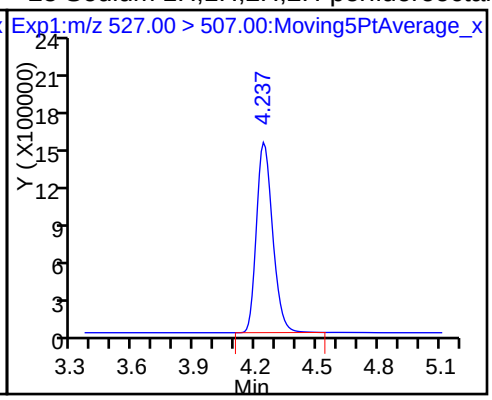
D 23 13C2 PFDA



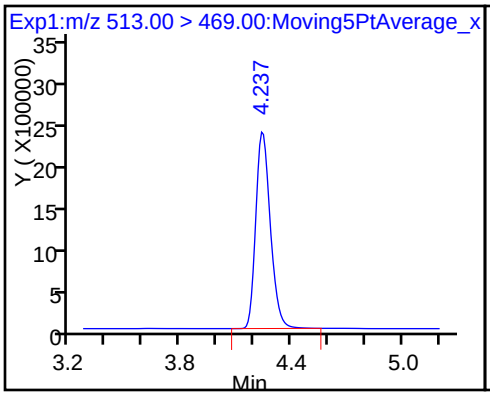
D 26 M2-8:2FTS



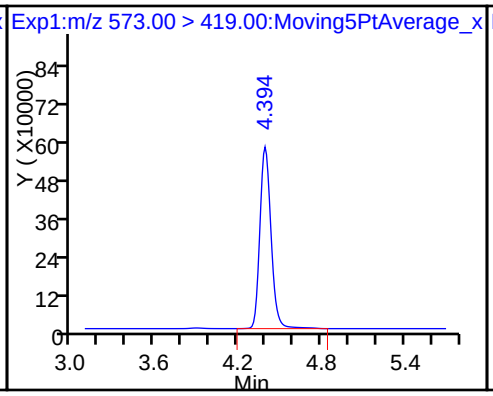
25 Sodium 1H,1H,2H,2H-perfluorooctane



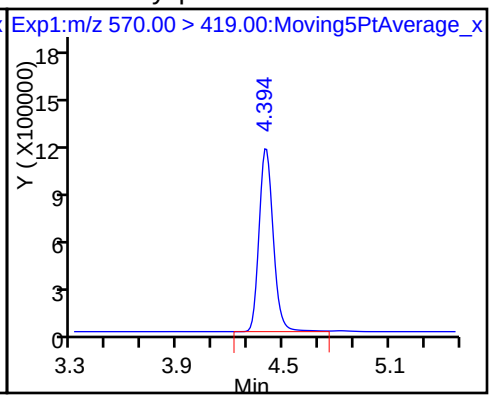
24 Perfluorodecanoic acid



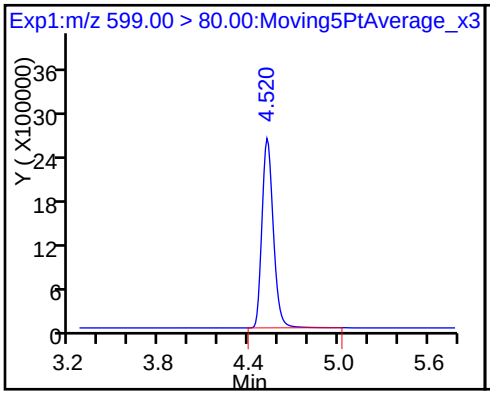
D 27 d3-NMeFOSAA



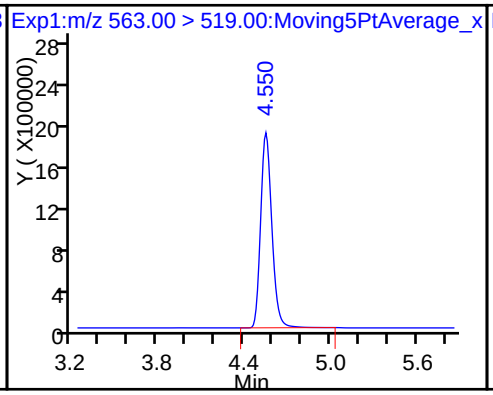
28 N-methyl perfluorooctane sulfonami



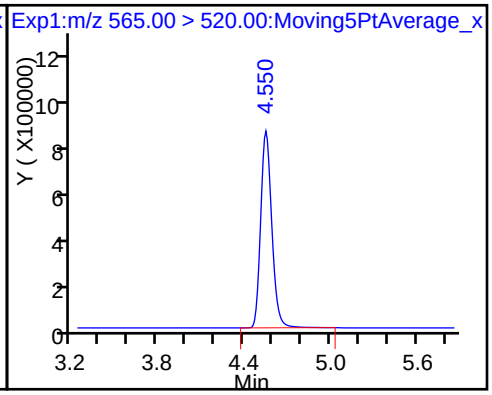
29 Perfluorodecane Sulfonic acid



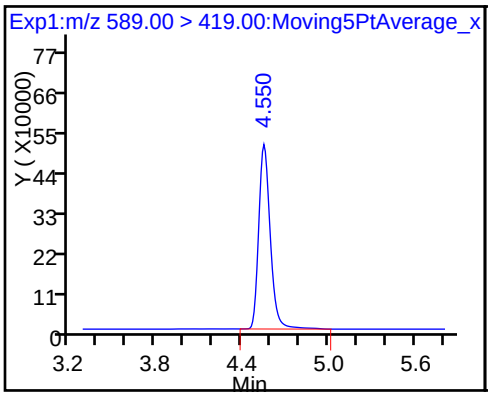
31 Perfluoroundecanoic acid



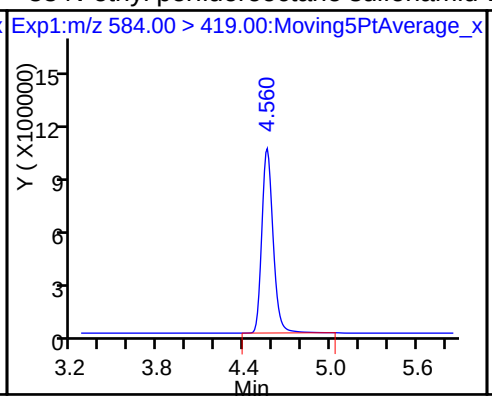
D 30 13C2 PFUnA



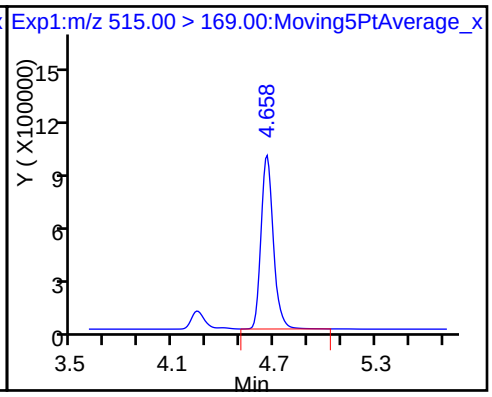
D 32 d5-NEtFOSAA



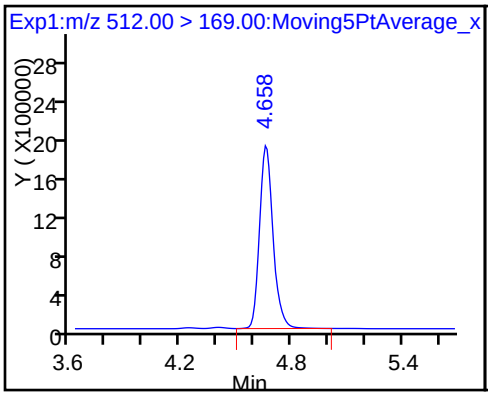
33 N-ethyl perfluorooctane sulfonamid



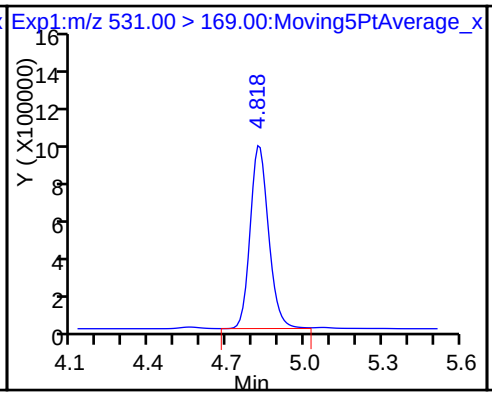
D 34 d-N-MeFOSA-M



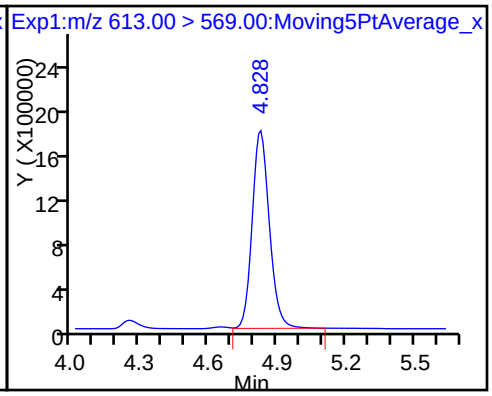
35 MeFOSA



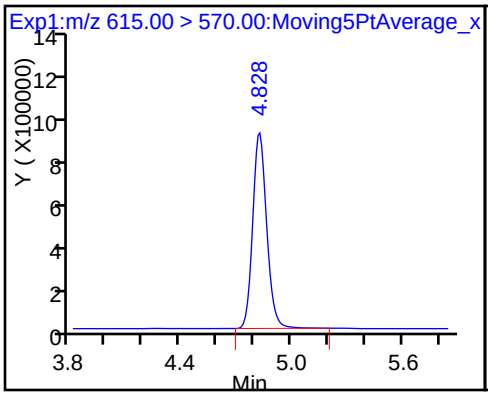
D 38 d-N-EtFOSA-M



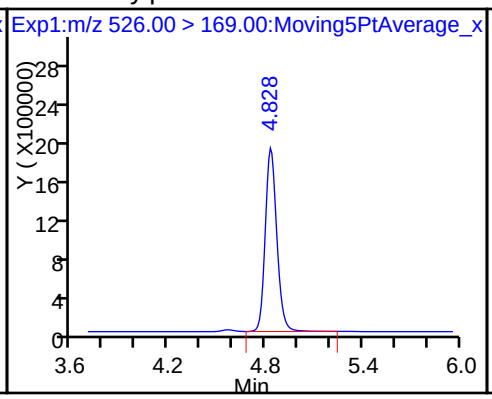
37 Perfluorododecanoic acid



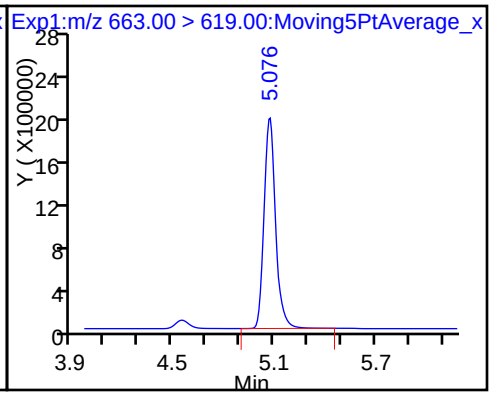
D 36 13C2 PFDoA



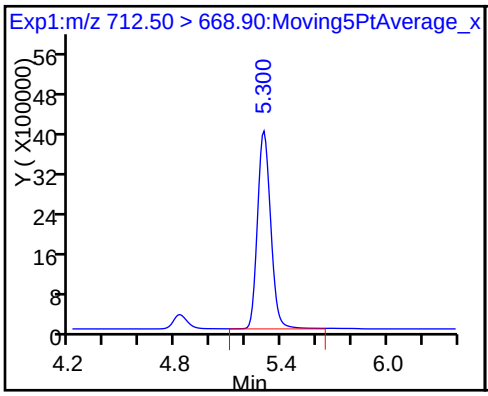
39 N-ethylperfluoro-1-octanesulfonami



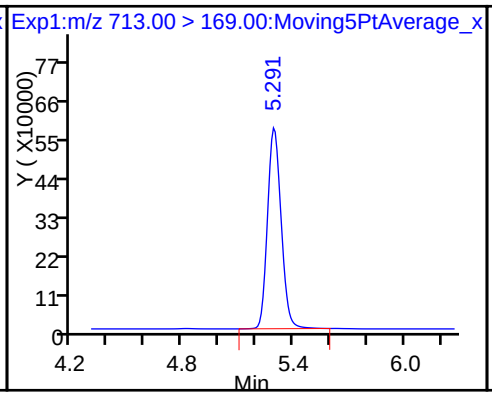
41 Perfluorotridecanoic acid



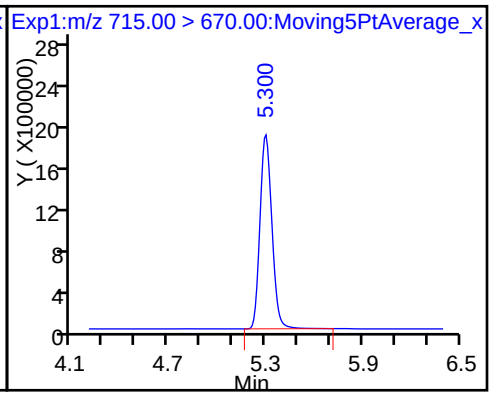
42 Perfluorotetradecanoic acid



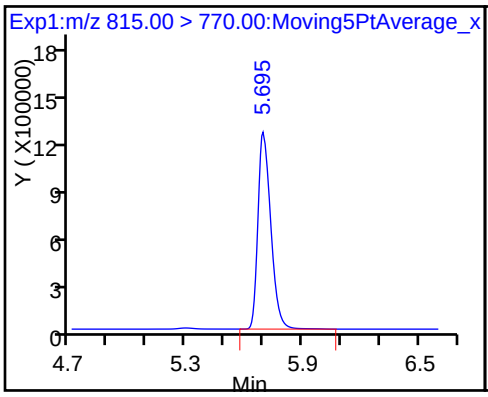
42 Perfluorotetradecanoic acid



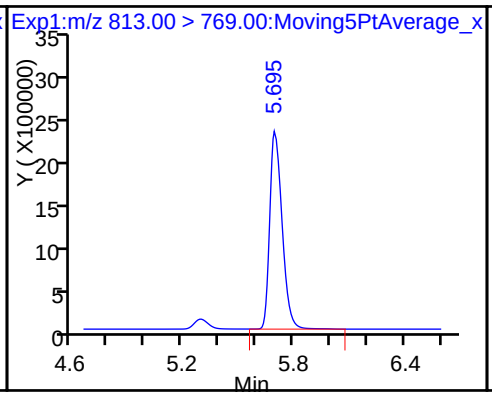
D 43 13C2-PFTeDA



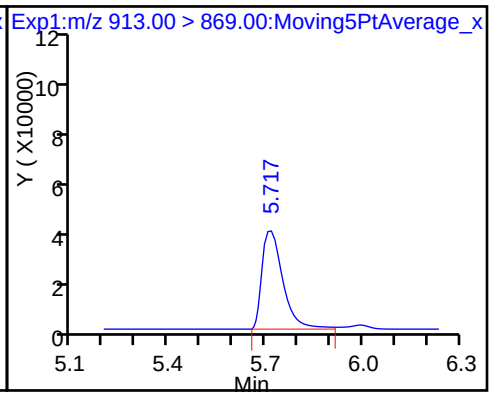
D 44 13C2-PFHxDA



45 Perfluorohexadecanoic acid



46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_009.d
Lims ID: IC L7 Full
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 18-May-2017 18:35:04 ALS Bottle#: 34 Worklist Smp#: 8
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: L7-FULL
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 11:09:44 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK021

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.968	1.958	0.010		15865924	44.1		89.1	24381	
2 Perfluorobutyric acid										
212.90 > 169.00	1.976	1.962	0.014	1.000	50665081	157.2		79.4	6635	
D 3 13C5-PFPeA										
267.90 > 223.00	2.318	2.313	0.005		10274111	41.3		83.5	157970	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.328	2.317	0.011	1.000	38359854	168.0		84.8	14503	
D 47 13C3-PFBS										
301.90 > 83.00	2.358	2.352	0.006		254897	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.368	2.357	0.011	1.000	55329474	136.0		77.7		
298.90 > 99.00	2.368	2.357	0.011	1.000	26963013		2.05(0.00-0.00)	77.7		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.652	2.648	0.004	1.000	14914612	199.5		108		
6 Perfluorohexanoic acid										
313.00 > 269.00	2.700	2.693	0.007	1.000	36277529	170.9		86.3	20966	
D 7 13C2 PFHxA										
315.00 > 270.00	2.700	2.694	0.006		10202707	41.9		84.6	32751	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.105	3.095	0.010	1.000	32136426	176.1		88.9	12074	
D 9 13C4-PFHpA										
367.00 > 322.00	3.105	3.095	0.010		8075596	38.1		77.0	26286	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.105	3.101	0.004	1.000	48095406	160.2		88.9		
D 11 18O2 PFHxS										
403.00 > 84.00	3.105	3.101	0.004		11937927	39.2		83.7	21190	
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.469	3.472	-0.003	1.000	15111443	161.0		85.8		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2FTS										
429.00 > 409.00	3.469	3.472	-0.003		4554829	36.1		76.8		
* 62 13C2-PFOA										
415.00 > 370.00	3.492	3.491	0.001		7475213	49.5				
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.499	3.491	0.008	1.000	39830651	161.1		85.5		
D 14 13C4 PFOA										
417.00 > 372.00	3.499	3.495	0.004		7723448	36.3		73.3	23958	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.499	3.496	0.003	1.000	31219676	174.2		88.0	2711	
413.00 > 169.00	3.499	3.496	0.003	1.000	19067263		1.64(0.90-1.10)	88.0	11151	
D 18 13C4 PFOS										
503.00 > 80.00	3.864	3.863	0.001		9058593	39.5		83.5	4414	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.864	3.863	0.001	1.000	40374788	176.9		96.3	174779	
499.00 > 99.00	3.864	3.863	0.001	1.000	9098785		4.44(0.90-1.10)	96.3	12551	
20 Perfluorononanoic acid										
463.00 > 419.00	3.882	3.877	0.005	1.000	25400960	179.2		90.5	11325	
D 19 13C5 PFNA										
468.00 > 423.00	3.882	3.877	0.005		6557386	39.1		78.9	16575	
D 21 13C8 FOSA										
506.00 > 78.00	4.187	4.182	0.005		14513103	39.5		79.9	10382	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.187	4.183	0.004	1.000	50073779	161.5		81.6	7992	
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.224	4.220	0.004	1.000	13881724	162.9		85.9		
D 26 M2-8:2FTS										
529.00 > 509.00	4.224	4.220	0.004		4142554	41.8		88.1		
D 23 13C2 PFDA										
515.00 > 470.00	4.224	4.220	0.004		5682004	39.3		79.4	4566	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.224	4.222	0.002	1.000	21643754	184.2		93.0	7415	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.380	4.377	0.003		2825084	43.5		87.9		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.380	4.382	-0.002	1.000	12110986	202.6		102		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.505	4.505	0.0	1.000	22610222	172.0		90.1		
D 30 13C2 PFUnA										
565.00 > 520.00	4.535	4.532	0.003		3946328	38.8		78.4	7221	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.535	4.532	0.003	1.000	16166231	172.2		87.0	35878	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.535	4.533	0.002		2626173	41.3		83.5		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.544	4.540	0.004	1.002	9876739	194.6		98.3		
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.643	4.635	0.008		4669475	46.9		94.8		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
35 MeFOSA										
512.00 > 169.00	4.652	4.643	0.009	1.000	18140541	199.5		101		
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.810	4.802	0.008		4328547	46.4		93.8		
D 36 13C2 PFDoA										
615.00 > 570.00	4.810	4.809	0.001		4259744	42.5		85.8	2826	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.810	4.809	0.001	1.000	15560936	178.3		90.0	1636	
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.819	4.810	0.009	1.000	17831319	200.6		101		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.059	5.057	0.002	1.000	15441316	175.8		88.8	1123	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.290	5.286	0.004		8633362	42.1		85.1	4724	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.290	5.286	0.004	1.000	32976107	168.6		85.1	457	
713.00 > 169.00	5.280	5.286	-0.006	0.998	5074516		6.50(0.00-0.00)	85.1	3479	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.687	5.684	0.003		5126466	43.3		87.5	2254	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.687	5.687	0.0	1.000	17218840	183.5		92.7	603	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.704	5.709	-0.005	1.000	117189	13.6		6.9	76.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L7_00001 Amount Added: 1.00 Units: mL

Report Date: 19-May-2017 11:09:45 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_009.d

Injection Date: 18-May-2017 18:35:04 Instrument ID: A8_N

Lims ID: IC L7 Full

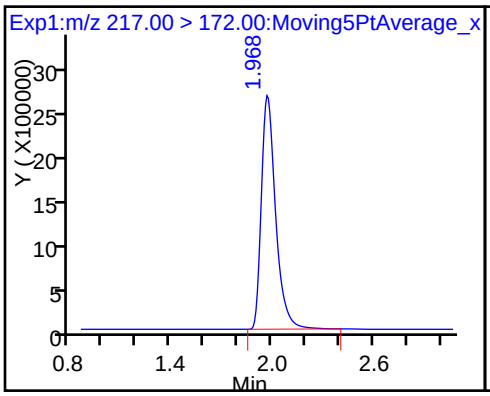
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 34 Worklist Smp#: 8

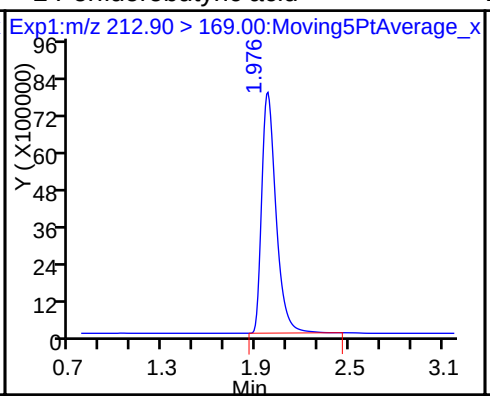
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

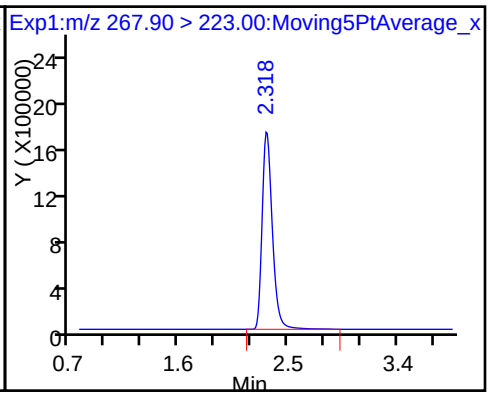
D 1 13C4 PFBA



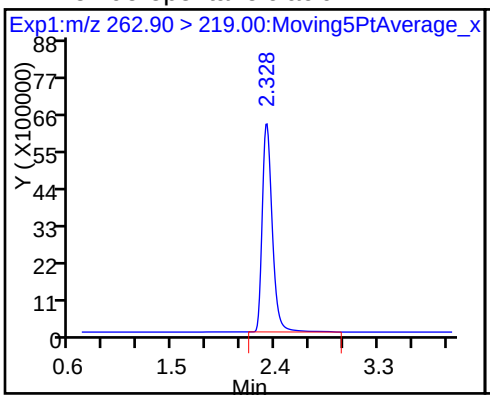
2 Perfluorobutyric acid



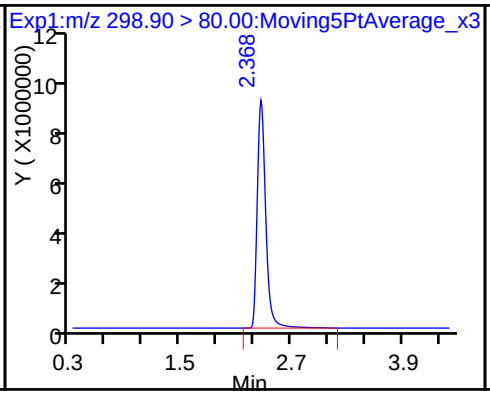
D 3 13C5-PFPeA



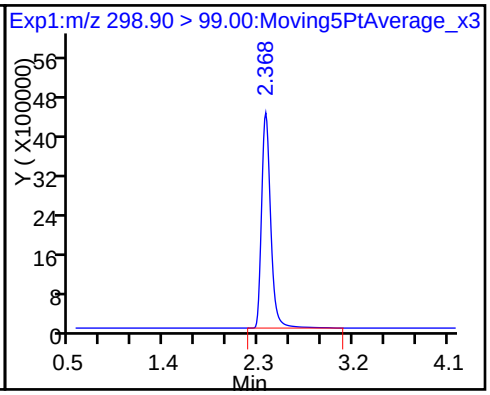
4 Perfluoropentanoic acid



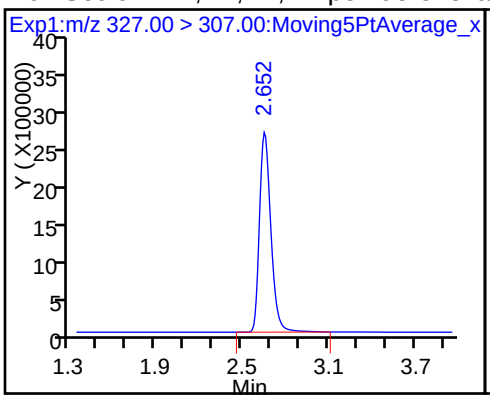
5 Perfluorobutanesulfonic acid



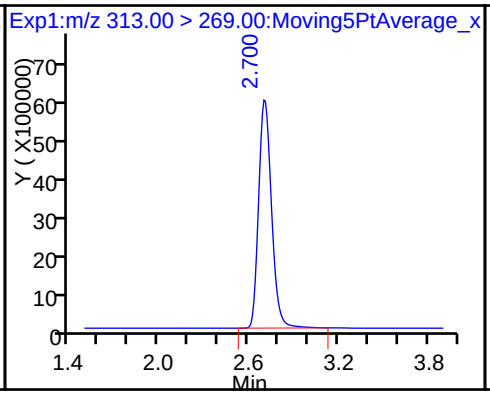
5 Perfluorobutanesulfonic acid



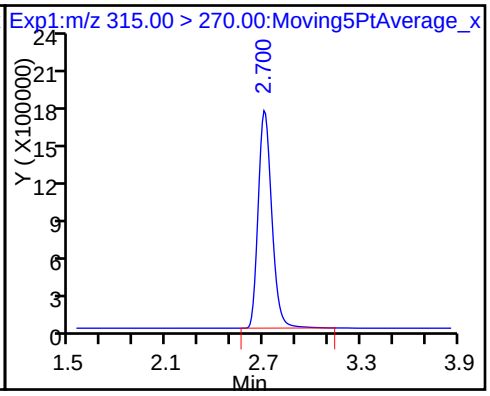
61 Sodium 1H,1H,2H,2H-perfluorohexane



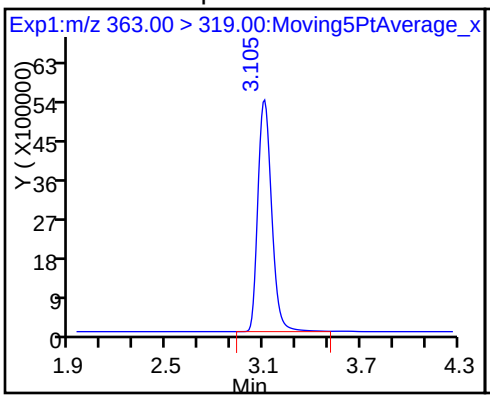
6 Perfluorohexanoic acid



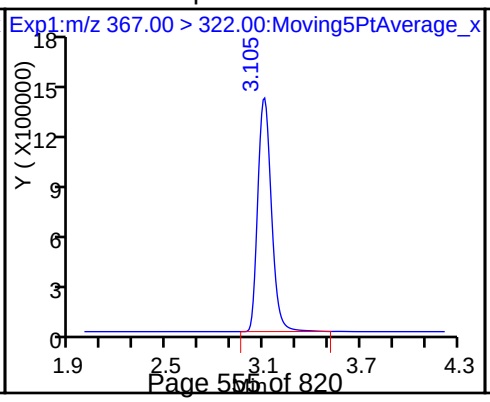
D 7 13C2 PFHxA



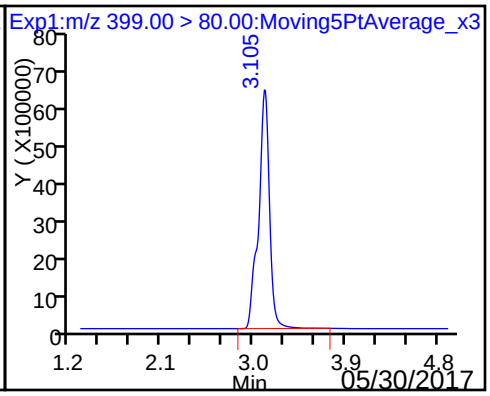
10 Perfluoroheptanoic acid



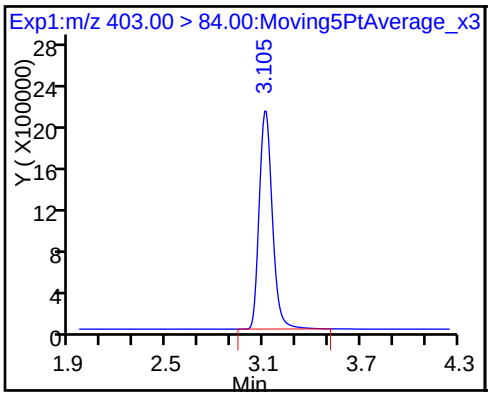
D 9 13C4-PFHpA



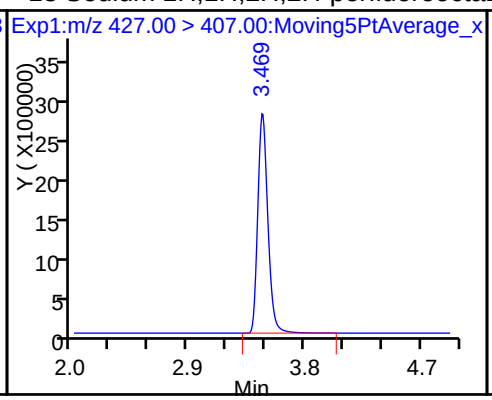
8 Perfluorohexanesulfonic acid



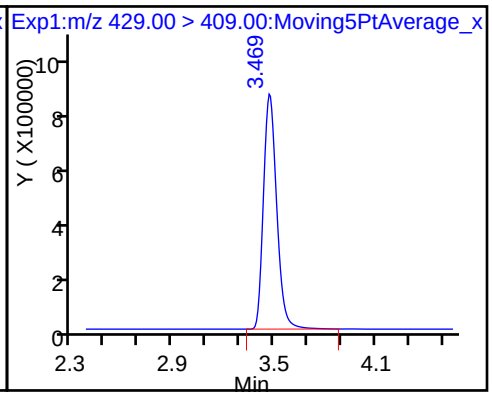
D 11 18O2 PFHxS



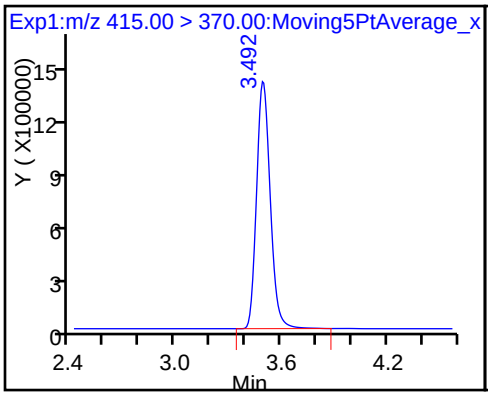
13 Sodium 1H,1H,2H,2H-perfluorooctane



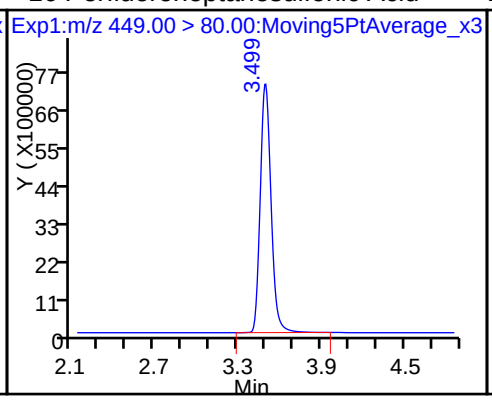
D 12 M2-6:2FTS



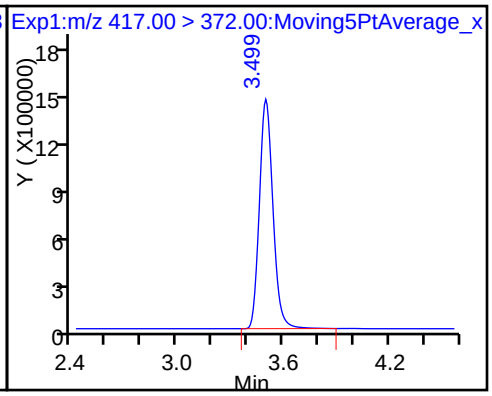
* 62 13C2-PFOA



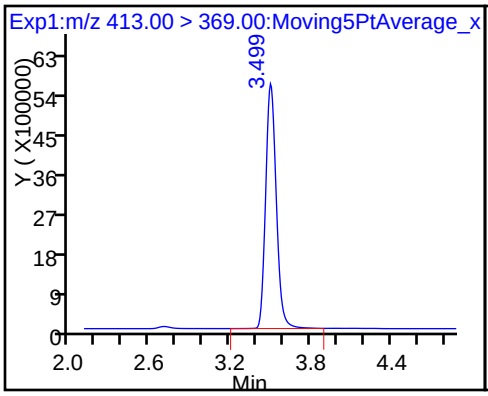
16 Perfluoroheptanesulfonic Acid



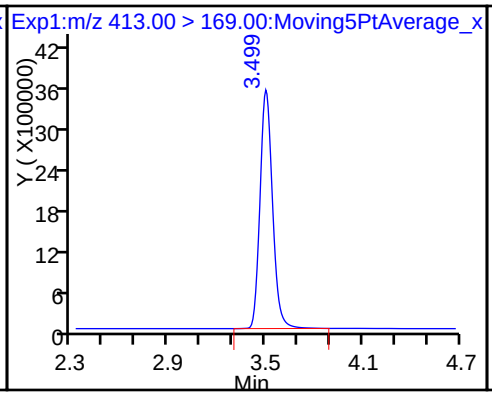
D 14 13C4 PFOA



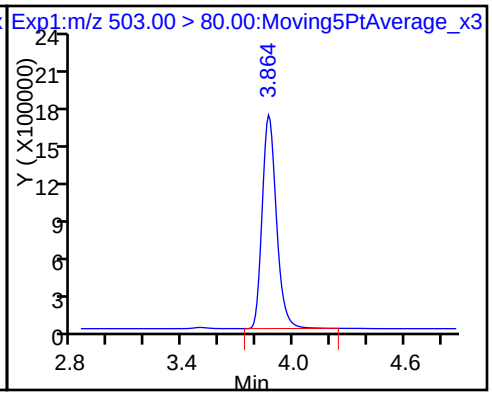
15 Perfluorooctanoic acid



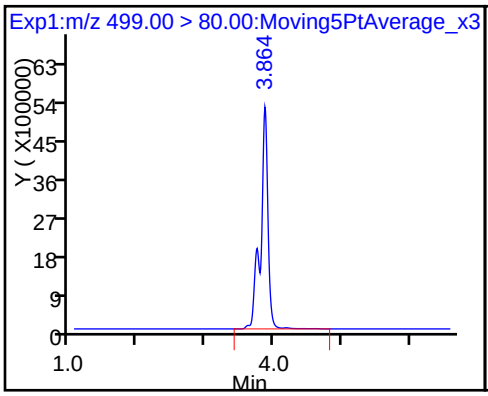
15 Perfluorooctanoic acid



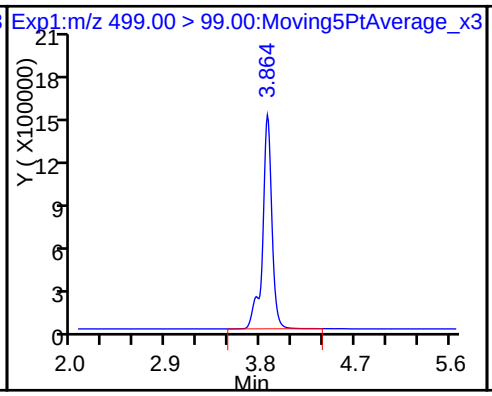
D 18 13C4 PFOS



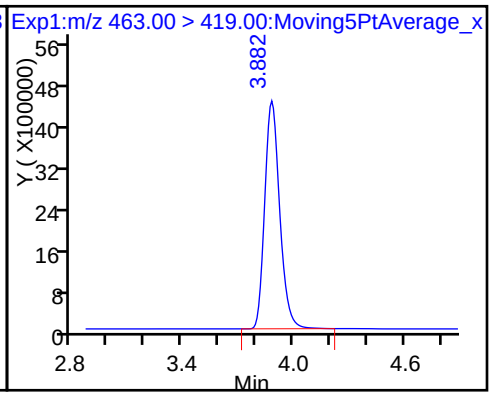
17 Perfluorooctane sulfonic acid



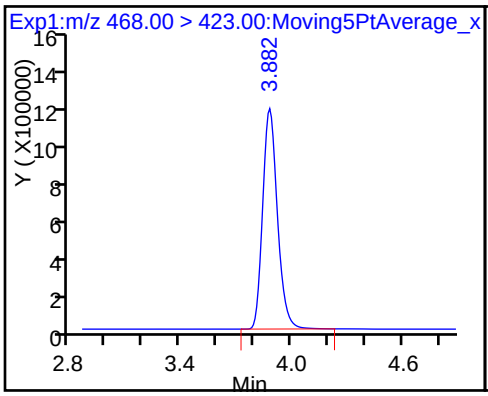
17 Perfluorooctane sulfonic acid



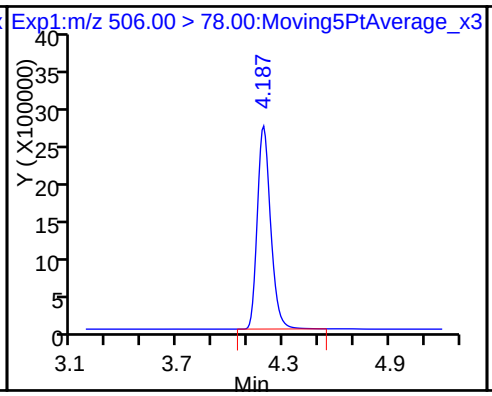
20 Perfluorononanoic acid



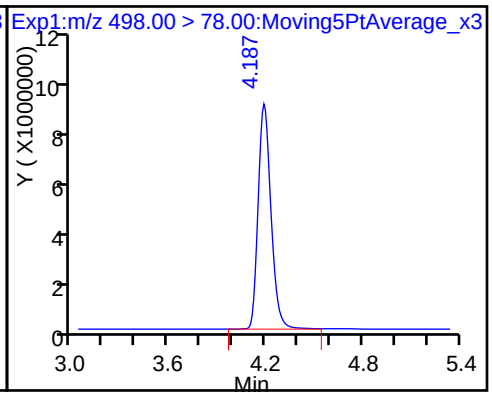
D 19 13C5 PFNA



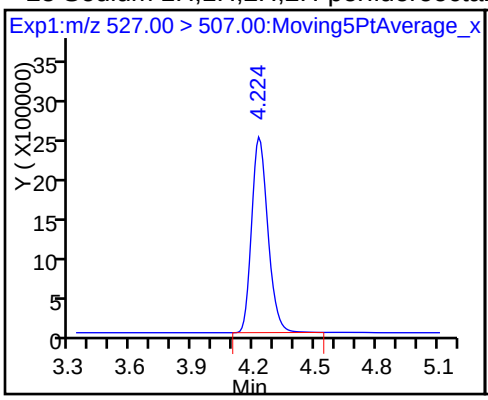
D 21 13C8 FOSA



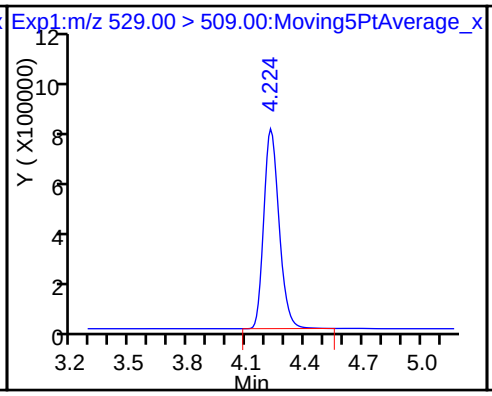
22 Perfluorooctane Sulfonamide



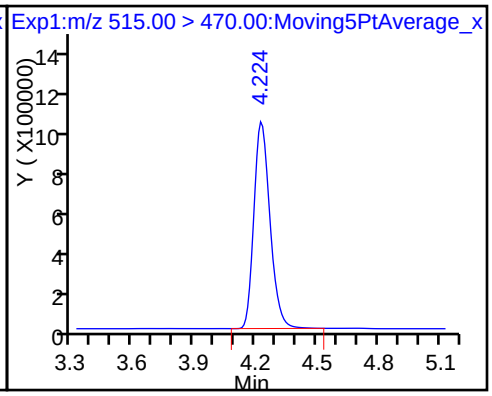
25 Sodium 1H,1H,2H,2H-perfluorooctane



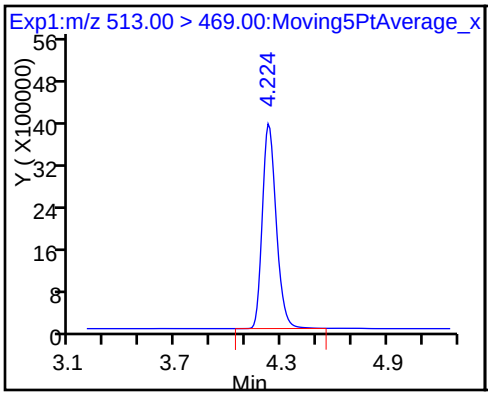
D 26 M2-8:2FTS



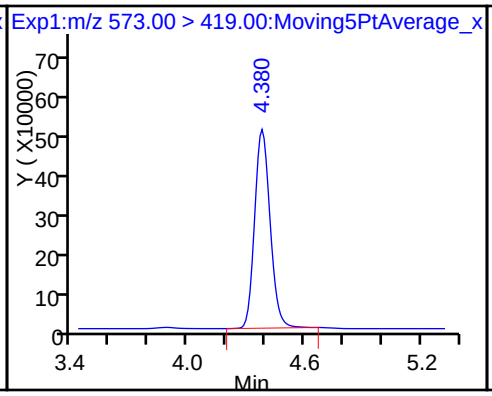
D 23 13C2 PFDA



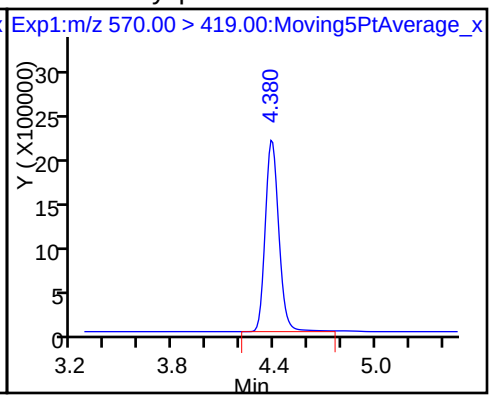
24 Perfluorodecanoic acid



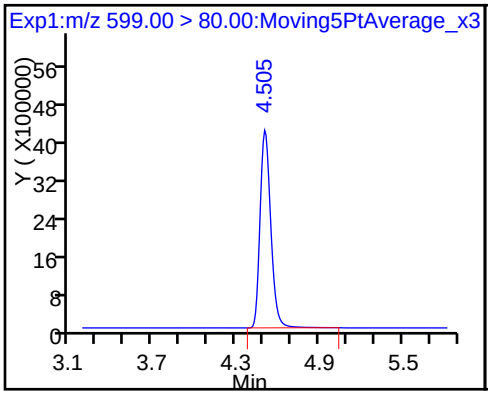
D 27 d3-NMeFOSAA



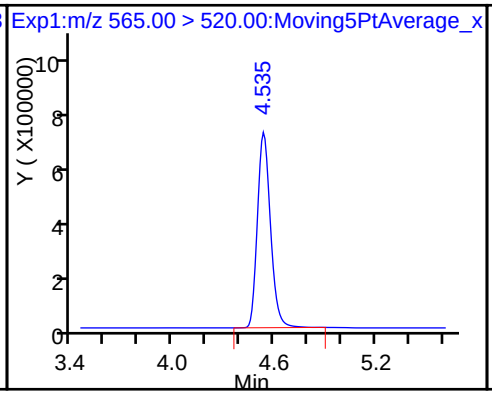
28 N-methyl perfluorooctane sulfonami



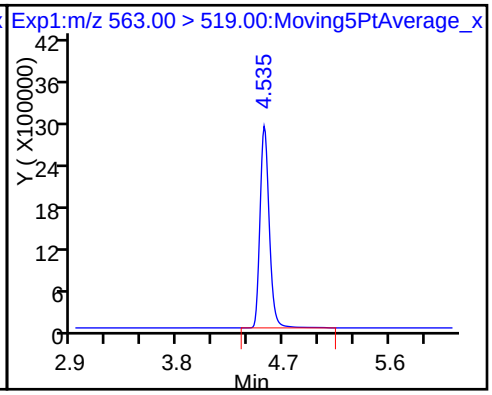
29 Perfluorodecane Sulfonic acid



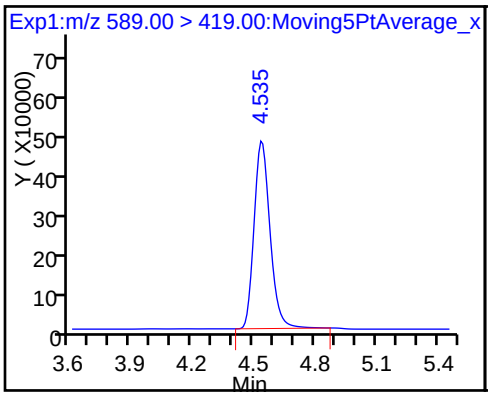
D 30 13C2 PFUnA



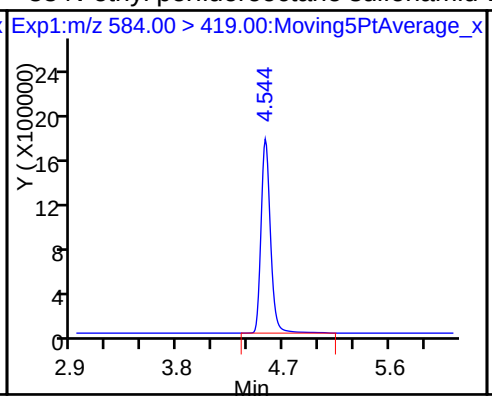
31 Perfluoroundecanoic acid



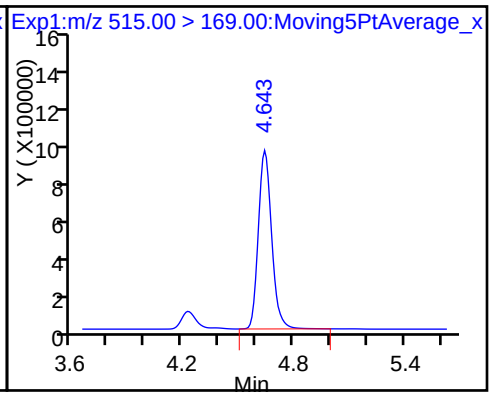
D 32 d5-NEtFOSAA



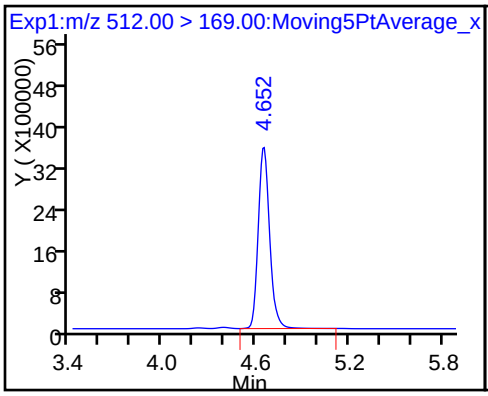
33 N-ethyl perfluorooctane sulfonamid



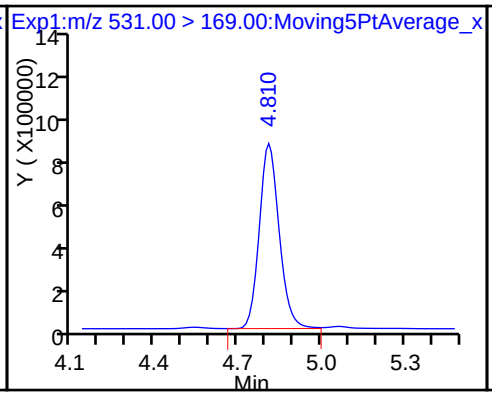
D 34 d-N-MeFOSA-M



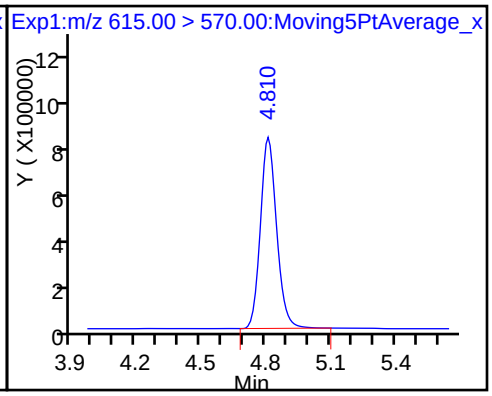
35 MeFOSA



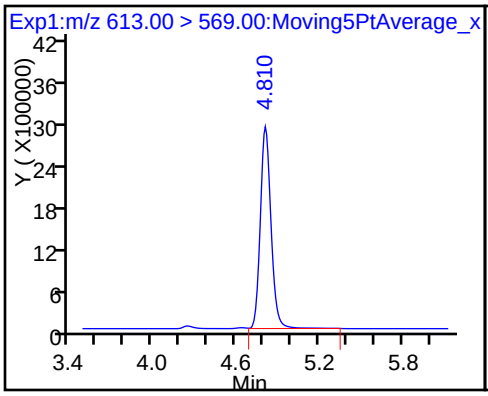
D 38 d-N-EtFOSA-M



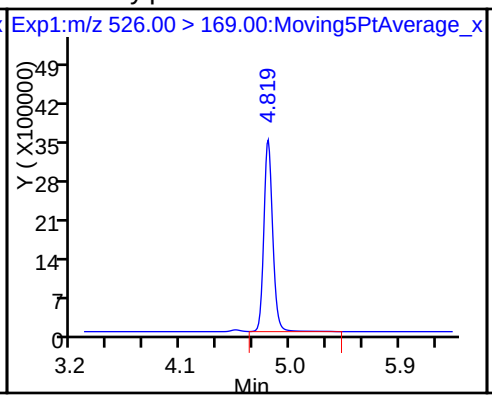
D 36 13C2 PFDoA



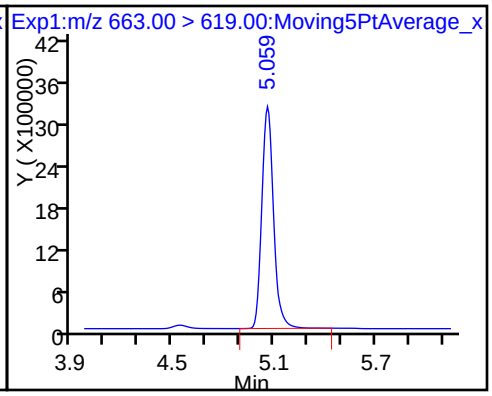
37 Perfluorododecanoic acid



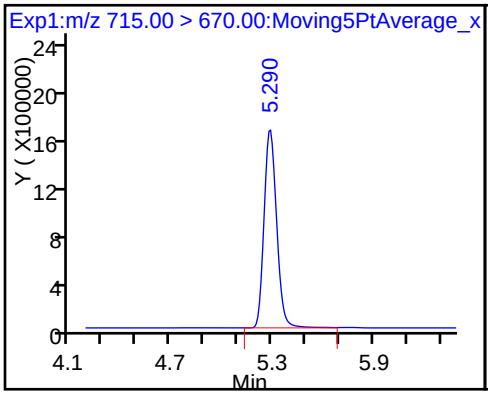
39 N-ethylperfluoro-1-octanesulfonami



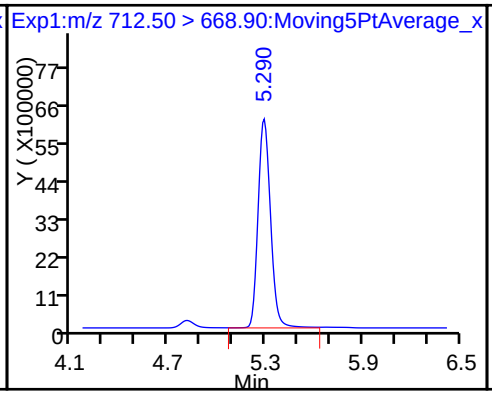
41 Perfluorotridecanoic acid



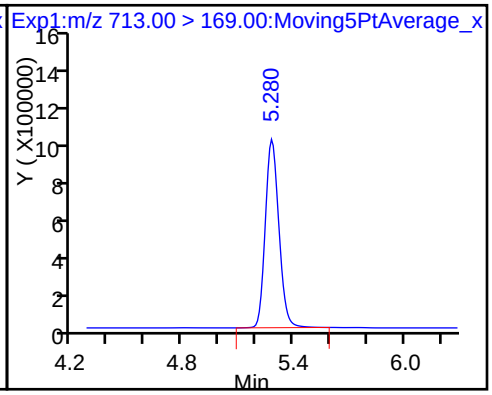
D 43 13C2-PFTeDA



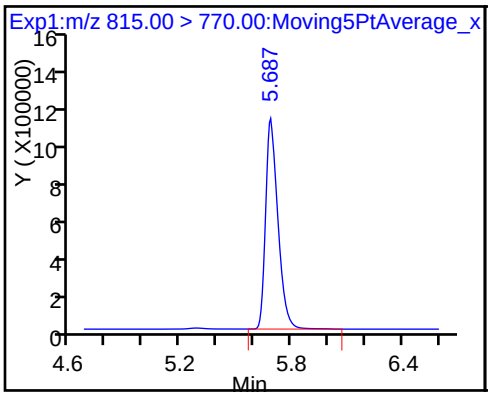
42 Perfluorotetradecanoic acid



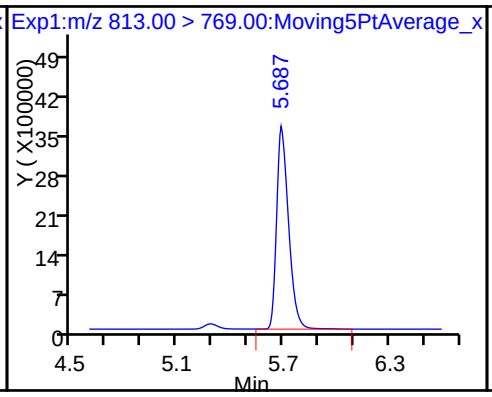
42 Perfluorotetradecanoic acid



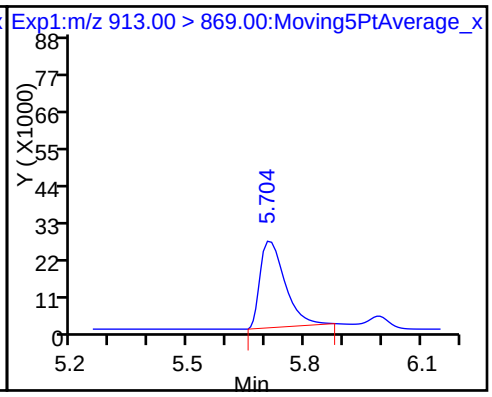
D 44 13C2-PFHxDA



45 Perfluorohexadecanoic acid



46 Perfluorooctadecanoic acid



FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165657

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2017 18:42 Calibration End Date: 05/22/2017 19:26 Calibration ID: 30578

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-165657/3	2017.05.22D_CURVE_003.d
Level 2	IC 320-165657/4	2017.05.22D_CURVE_004.d
Level 3	IC 320-165657/5	2017.05.22D_CURVE_005.d
Level 4	IC 320-165657/6	2017.05.22D_CURVE_006.d
Level 5	IC 320-165657/7	2017.05.22D_CURVE_007.d
Level 6	IC 320-165657/8	2017.05.22D_CURVE_008.d
Level 7	IC 320-165657/9	2017.05.22D_CURVE_009.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
Perfluorobutanoic acid (PFBA)	2.050	2.049	2.034	2.042	2.043	2.042	2.050				1.794 - 2.294	2.044
Perfluoropentanoic acid (PFPeA)	2.418	2.417	2.398	2.408	2.409	2.408	2.408				2.160 - 2.660	2.409
Perfluorobutanesulfonic acid (PFBS)	2.466	2.455	2.438	2.448	2.449	2.448	2.458				2.272 - 2.632	2.452
4:2 FTS	2.761	2.750	2.738	2.751	2.743	2.750	2.746				2.498 - 2.998	2.748
Perfluorohexanoic acid (PFHxA)	2.807	2.806	2.786	2.799	2.791	2.798	2.804				2.549 - 3.049	2.799
Perfluoroheptanoic acid (PFHpA)	3.213	3.205	3.188	3.209	3.198	3.203	3.203				2.953 - 3.453	3.203
Perfluorohexanesulfonic acid (PFHxS)	3.221	3.213	3.196	3.209	3.198	3.212	3.212				2.959 - 3.459	3.209
6:2FTS	3.581	3.580	3.566	3.584	3.573	3.573	3.574				3.326 - 3.826	3.576
Perfluoroheptanesulfonic Acid (PFHpS)	3.605	3.595	3.580	3.601	3.588	3.596	3.598				3.345 - 3.845	3.595
Perfluorooctanoic acid (PFOA)	3.613	3.603	3.587	3.610	3.596	3.596	3.598				3.351 - 3.851	3.600
Perfluorooctanesulfonic acid (PFOS)	3.976	3.974	3.952	3.972	3.957	3.969	3.970				3.717 - 4.217	3.967
Perfluorononanoic acid (PFNA)	3.986	3.984	3.972	3.983	3.979	3.980	3.981				3.731 - 4.231	3.981
Perfluorooctane Sulfonamide (FOSA)	4.307	4.305	4.289	4.303	4.288	4.294	4.295				4.047 - 4.547	4.297
8:2FTS	4.337	4.325	4.309	4.325	4.322	4.317	4.318				4.072 - 4.572	4.322
Perfluorodecanoic acid (PFDA)	4.337	4.325	4.309	4.325	4.322	4.317	4.329				4.073 - 4.573	4.323
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	4.487	4.474	4.468	4.484	4.473	4.479	4.482				4.228 - 4.728	4.478
Perfluorodecanesulfonic acid (PFDS)	4.613	4.602	4.588	4.603	4.595	4.592	4.594				4.348 - 4.848	4.598
Perfluoroundecanoic acid (PFUnA)	4.638	4.627	4.614	4.629	4.623	4.622	4.624				4.375 - 4.875	4.625
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	4.647	4.635	4.622	4.640	4.632	4.632	4.634				4.385 - 4.885	4.635
MeFOSA	4.772	4.758	4.740	4.763	4.754	4.746	4.751				4.505 - 5.005	4.755
Perfluorododecanoic acid (PFDoA)	4.905	4.894	4.885	4.901	4.891	4.898	4.893				4.645 - 5.145	4.895
N-EtFOSA-M	4.931	4.929	4.912	4.928	4.919	4.916	4.921				4.672 - 5.172	4.922
Perfluorotridecanoic Acid (PFTriA)	5.148	5.139	5.130	5.147	5.135	5.132	5.139				4.889 - 5.389	5.139
Perfluorotetradecanoic acid (PFTeA)	5.366	5.356	5.346	5.365	5.353	5.353	5.363				5.107 - 5.607	5.357
Perfluoro-n-hexadecanoic acid (PFHxDA)	+++++	5.743	5.738	5.745	5.740	5.743	5.747				5.493 - 5.993	5.743
Perfluoro-n-octadecanoic acid (PFODA)	6.140	6.140	6.134	6.147	6.144	6.148	6.149				5.893 - 6.393	6.143
13C4 PFBA	2.050	2.041	2.034	2.042	2.034	2.034	2.042				1.790 - 2.290	2.040
13C5-PFPeA	2.418	2.417	2.398	2.408	2.399	2.408	2.408				2.158 - 2.658	2.408
13C2 PFHxA	2.807	2.806	2.786	2.799	2.791	2.798	2.804				2.549 - 3.049	2.799
13C4-PFHpA	3.213	3.205	3.188	3.209	3.198	3.203	3.203				2.953 - 3.453	3.203
18O2 PFHxS	3.221	3.213	3.196	3.209	3.198	3.212	3.212				2.959 - 3.459	3.209
M2-6:2FTS	3.581	3.580	3.566	3.584	3.573	3.573	3.574				3.326 - 3.826	3.576

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165657

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2017 18:42 Calibration End Date: 05/22/2017 19:26 Calibration ID: 30578

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
13C4 PFOA	3.613	3.603	3.587	3.610	3.596	3.596	3.598				3.351 - 3.851	3.600
13C4 PFOS	3.976	3.974	3.952	3.972	3.957	3.958	3.970				3.716 - 4.216	3.966
13C5 PFNA	3.986	3.984	3.962	3.983	3.979	3.980	3.981				3.729 - 4.229	3.979
13C8 FOSA	4.307	4.305	4.280	4.303	4.288	4.294	4.295				4.046 - 4.546	4.296
M2-8:2FTS	4.327	4.325	4.309	4.325	4.322	4.317	4.318				4.070 - 4.570	4.320
13C2 PFDA	4.327	4.325	4.309	4.325	4.322	4.317	4.329				4.072 - 4.572	4.322
d3-NMeFOSAA	4.487	4.474	4.458	4.484	4.463	4.469	4.471				4.222 - 4.722	4.472
13C2 PFUnA	4.630	4.627	4.614	4.629	4.623	4.622	4.624				4.374 - 4.874	4.624
d5-NEtFOSAA	4.638	4.627	4.614	4.629	4.623	4.622	4.634				4.377 - 4.877	4.627
d-N-MeFOSA-M	4.761	4.758	4.740	4.752	4.742	4.746	4.751				4.500 - 5.000	4.750
13C2 PFDoA	4.905	4.894	4.885	4.901	4.891	4.898	4.893				4.645 - 5.145	4.895
d-N-EtFOSA-M	4.931	4.920	4.903	4.919	4.910	4.907	4.912				4.665 - 5.165	4.915
13C2-PFTeDA	5.366	5.356	5.346	5.365	5.353	5.353	5.363				5.107 - 5.607	5.357
13C2-PFHxDA	5.744	5.743	5.730	5.745	5.740	5.743	5.747				5.492 - 5.992	5.742

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165657

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2017 18:42 Calibration End Date: 05/22/2017 19:26 Calibration ID: 30578

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-165657/3	2017.05.22D_CURVE_003.d
Level 2	IC 320-165657/4	2017.05.22D_CURVE_004.d
Level 3	IC 320-165657/5	2017.05.22D_CURVE_005.d
Level 4	IC 320-165657/6	2017.05.22D_CURVE_006.d
Level 5	IC 320-165657/7	2017.05.22D_CURVE_007.d
Level 6	IC 320-165657/8	2017.05.22D_CURVE_008.d
Level 7	IC 320-165657/9	2017.05.22D_CURVE_009.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
13C4 PFBA	377996 377004	404170 354499	395941 326328	373182	Ave		372731.505				7.0		50.0			
13C5-PFPeA	255073 248127	267438 233622	267330 204471	249417	Ave		246496.883				8.9		50.0			
13C2 PFHxA	250139 239780	270754 233137	262788 207533	247295	Ave		244489.479				8.5		50.0			
13C4-PFHpA	237385 218837	250509 202889	250366 175582	230382	Ave		223707.310				12.2		50.0			
18O2 PFHxS	328377 333485	344409 311334	345145 268731	323565	Ave		322149.533				8.2		50.0			
M2-6:2FTS	127675 148127	135734 118286	131550 102878	155245	Ave		131356.399				13.4		50.0			
13C4 PFOA	231513 245880	251143 200703	249988 166567	242420	Ave		226887.618				14.0		50.0			
13C4 PFOS	230110 231226	249865 225139	262424 202854	240873	Ave		234641.651				8.1		50.0			
13C5 PFNA	183058 171244	198791 158173	193207 137581	179317	Ave		174481.627				12.1		50.0			
13C8 FOSA	361877 395204	391365 350450	385540 313766	375940	Ave		367734.504				7.8		50.0			
M2-8:2FTS	95788 100945	109483 94919	105406 90642	100075	Ave		99608.1730				6.5		50.0			
13C2 PFDA	151829 146552	165515 143109	167449 121396	151048	Ave		149557.023				10.3		50.0			
d3-NMeFOSAA	62338 68242	69890 62285	68799 62760	67691	Ave		66000.6633				5.1		50.0			
13C2 PFUnA	119746 108531	126720 103945	123750 87317	115585	Ave		112227.573				12.1		50.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165657

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2017 18:42 Calibration End Date: 05/22/2017 19:26 Calibration ID: 30578

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
d5-NEtFOSAA	64396 65239	73418 57624	69854 54302	65053	Ave		64269.5493				10.2		50.0			
d-N-MeFOSA-M	93011 107225	99710 100586	100009 92179	100226	Ave		98992.1171				5.1		50.0			
13C2 PFDoA	111449 112515	116760 105336	112216 94090	109773	Ave		108877.065				6.8		50.0			
d-N-EtFOSA-M	91696 101712	98893 97822	96563 88689	96025	Ave		95914.3528				4.6		50.0			
13C2-PFTeDA	218262 220162	230101 202402	225897 189532	221094	Ave		215350.085				6.6		50.0			
13C2-PFHxDA	116211 128284	125439 118693	125103 107880	120090	Ave		120242.884				5.7		50.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
LCMS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165657

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2017 18:42 Calibration End Date: 05/22/2017 19:26 Calibration ID: 30578

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Perfluorobutanoic acid (PFBA)	1.0346 0.9538	1.0648 0.8121	1.0559	1.0660	1.0355	AveID		1.0032				9.2		35.0			
Perfluoropentanoic acid (PFPeA)	1.1778 1.0365	1.1448 0.9547	1.0805	1.1220	1.0692	AveID		1.0837				6.9		35.0			
Perfluorobutanesulfonic acid (PFBS)	1.7141 1.3905	1.6948 1.2105	1.7060	1.7409	1.6162	AveID		1.5819				12.8		50.0			
4:2 FTS	0.6963 0.7505	0.7876 0.7836	0.7760	0.6792	0.6536	AveID		0.7324				7.5		35.0			
Perfluorohexanoic acid (PFHxA)	1.1197 0.9732	1.0969 0.8761	1.0776	1.0399	1.0676	AveID		1.0359				8.2		35.0			
Perfluoroheptanoic acid (PFHpA)	1.1567 1.0470	1.1472 0.9744	1.1161	1.1310	1.1023	AveID		1.0964				5.9		35.0			
Perfluorohexanesulfonic acid (PFHxS)	1.4581 1.1178	1.3077 1.0637	1.1566	1.1884	1.1766	AveID		1.2098				11.0		35.0			
6:2FTS	0.9996 0.8947	0.9890 0.8572	1.0446	1.0043	0.9509	AveID		0.9629				6.9		35.0			
Perfluoroheptanesulfonic Acid (PFHpS)	1.4898 1.2854	1.3942 1.1171	1.3684	1.4242	1.4752	AveID		1.3649				9.5		50.0			
Perfluorooctanoic acid (PFOA)	1.2264 1.0953	1.1632 1.0019	1.1319	1.1492	1.0917	AveID		1.1228				6.2		35.0			
Perfluorooctanesulfonic acid (PFOS)	1.2802 1.1802	1.2035 1.1284	1.1218	1.1794	1.2128	AveID		1.1866				4.5		35.0			
Perfluorononanoic acid (PFNA)	1.1603 1.0568	1.1118 0.9743	1.1203	1.0955	1.0933	AveID		1.0875				5.4		35.0			
Perfluorooctane Sulfonamide (FOSA)	1.1921 0.9644	1.1435 0.8164	1.1364	1.0924	0.9922	AveID		1.0482				12.5		35.0			
8:2FTS	1.0143 0.8870	0.9819 0.8846	1.0867	0.9676	1.0073	AveID		0.9756				7.4		35.0			
Perfluorodecanoic acid (PFDA)	1.0318 0.9500	1.0847 0.9335	1.0179	1.0336	1.0713	AveID		1.0176				5.6		35.0			
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	1.0114 1.0473	0.9794 1.0228	0.9882	0.9843	1.0137	AveID		1.0067				2.4		35.0			
Perfluorodecanesulfonic acid (PFDS)	0.7497 0.6702	0.6864 0.6168	0.6711	0.7179	0.7492	AveID		0.6945				6.9		50.0			
Perfluoroundecanoic acid (PFUnA)	1.4012 1.0746	1.2201 1.0611	1.1299	1.1726	1.1604	AveID		1.1743				9.7		35.0			
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	0.8914 1.0008	0.9045 1.0001	0.9460	0.9864	0.9564	AveID		0.9551				4.6		35.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
LCMS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165657

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2017 18:42 Calibration End Date: 05/22/2017 19:26 Calibration ID: 30578

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
MeFOSA	1.0036 0.9614	0.9128 0.9740	0.9616	0.9773	0.9507	AveID		0.9631				2.9		35.0			
Perfluorododecanoic acid (PFDoA)	1.0519 0.9761	1.0167 0.9342	1.0858	1.0260	1.0122	AveID		1.0147				4.9		35.0			
N-EtFOSA-M	0.9945 1.0019	1.0264 1.0349	1.0407	1.0434	0.9936	AveID		1.0194				2.2		35.0			
Perfluorotridecanoic Acid (PFTriA)	1.0884 0.9384	1.0063 0.8852	1.0655	1.0438	1.0020	AveID		1.0042				7.1		50.0			
Perfluorotetradecanoic acid (PFTeA)	2.2882 1.9490	2.2579 1.8033	2.1799	2.1764	2.1337	L2ID	0.1443	2.0442							0.9950		0.9900
Perfluoro-n-hexadecanoic acid (PFHxDA)	+++++ 1.0295	1.7360 0.9934	1.2359	1.0853	1.0534	L2ID	0.7040	1.0366							0.9990		0.9900
Perfluoro-n-octadecanoic acid (PFODA)	1.2488 1.3797	1.2515 1.3227	1.2584	1.2520	1.1100	AveID		1.2604				6.6		50.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165657

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2017 18:42 Calibration End Date: 05/22/2017 19:26 Calibration ID: 30578

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-165657/3	2017.05.22D_CURVE_003.d
Level 2	IC 320-165657/4	2017.05.22D_CURVE_004.d
Level 3	IC 320-165657/5	2017.05.22D_CURVE_005.d
Level 4	IC 320-165657/6	2017.05.22D_CURVE_006.d
Level 5	IC 320-165657/7	2017.05.22D_CURVE_007.d
Level 6	IC 320-165657/8	2017.05.22D_CURVE_008.d
Level 7	IC 320-165657/9	2017.05.22D_CURVE_009.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
13C4 PFBA	Ave	18712695 17549466	20008414 16154859	19601054	18474348	18663547	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C5-PFPeA	Ave	12627388 11565435	13239521 10122315	13234174	12347367	12283512	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C2 PFHxA	Ave	12383138 11541454	13403642 10273898	13009289	12242347	11870309	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C4-PFHpA	Ave	11751747 10044024	12401431 8692180	12394373	11405067	10833513	49.5 49.5	49.5 49.5	49.5	49.5	49.5
18O2 PFHxS	Ave	15378462 14580299	16129253 12585133	16163702	15153103	15617682	46.8 46.8	46.8 46.8	46.8	46.8	46.8
M2-6:2FTS	Ave	6004536 5562943	6383540 4838306	6186737	7301148	6966357	47.0 47.0	47.0 47.0	47.0	47.0	47.0
13C4 PFOA	Ave	11461033 9935792	12432800 8245886	12375651	12000973	12172287	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C4 PFOS	Ave	10890376 10655089	11825280 9600426	12419687	11399730	10943171	47.3 47.3	47.3 47.3	47.3	47.3	47.3
13C5 PFNA	Ave	9062291 7830337	9841139 6810957	9564710	8877067	8477429	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C8 FOSA	Ave	17914690 17349029	19374502 15532960	19086132	18610902	19564534	49.5 49.5	49.5 49.5	49.5	49.5	49.5
M2-8:2FTS	Ave	4542812 4501607	5192316 4298748	4998946	4746132	4787380	47.4 47.4	47.4 47.4	47.4	47.4	47.4
13C2 PFDA	Ave	7516286 7084599	8193830 6009714	8289567	7477625	7255070	49.5 49.5	49.5 49.5	49.5	49.5	49.5
d3-NMeFOSAA	Ave	3086050 3083421	3459902 3106910	3405870	3351061	3378303	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C2 PFUnA	Ave	5928001 5145772	6273263 4322608	6126225	5722034	5372840	49.5 49.5	49.5 49.5	49.5	49.5	49.5
d5-NEtFOSAA	Ave	3187933 2852661	3634540 2688238	3458142	3220459	3229653	49.5 49.5	49.5 49.5	49.5	49.5	49.5

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165657

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2017 18:42 Calibration End Date: 05/22/2017 19:26 Calibration ID: 30578

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
d-N-MeFOSA-M	Ave	4604505 4979486	4936124 4563318	4950944	4961666	5308156	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C2 PFDoA	Ave	5517284 5214667	5780215 4657915	5555241	5434290	5570064	49.5 49.5	49.5 49.5	49.5	49.5	49.5
d-N-EtFOSA-M	Ave	4539395 4842697	4895716 4390542	4780350	4753712	5035235	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C2-PFTeDA	Ave	10805071 10019917	11391150 9382750	11183033	10945258	10899088	49.5 49.5	49.5 49.5	49.5	49.5	49.5
13C2-PFHxDA	Ave	5753014 5875896	6209832 5340611	6193222	5945062	6350689	49.5 49.5	49.5 49.5	49.5	49.5	49.5

Curve Type Legend:
Ave = Average

FORM VI
LCMS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165657

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2017 18:42 Calibration End Date: 05/22/2017 19:26 Calibration ID: 30578

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-165657/3	2017.05.22D_CURVE_003.d
Level 2	IC 320-165657/4	2017.05.22D_CURVE_004.d
Level 3	IC 320-165657/5	2017.05.22D_CURVE_005.d
Level 4	IC 320-165657/6	2017.05.22D_CURVE_006.d
Level 5	IC 320-165657/7	2017.05.22D_CURVE_007.d
Level 6	IC 320-165657/8	2017.05.22D_CURVE_008.d
Level 7	IC 320-165657/9	2017.05.22D_CURVE_009.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Perfluorobutanoic acid (PFBA)		AveID	193597 33476103	426086 52479021	2069688	7877767	19325461	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluoropentanoic acid (PFPeA)		AveID	148727 23976197	303124 38656387	1430018	5541269	13133534	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluorobutanesulfonic acid (PFBS)		AveID	246332 37889028	510898 56941145	2576863	9860190	23586758	0.438 87.5	0.875 175	4.38	17.5	43.8
4:2 FTS		AveID	41107 8209759	98857 14910321	471975	1950166	4476458	0.462 92.5	0.925 185	4.62	18.5	46.2
Perfluorohexanoic acid (PFHxA)		AveID	138660 22464530	294053 36005812	1401897	5092358	12672346	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluoroheptanoic acid (PFHpA)		AveID	135938 21032185	284534 33880310	1383361	5159865	11942089	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluorohexanesulfonic acid (PFHxS)		AveID	215695 31354964	405799 51510303	1798289	6928848	17676839	0.450 90.1	0.901 180	4.50	18.0	45.0
6:2FTS		AveID	59892 9933471	126006 16553838	644930	2926960	6610589	0.469 93.9	0.939 188	4.69	18.8	46.9
Perfluoroheptanesulfonic Acid (PFHpS)		AveID	161563 27277622	328366 42720681	1692427	6466937	16075546	0.471 94.3	0.943 189	4.71	18.9	47.1
Perfluorooctanoic acid (PFOA)		AveID	140556 21765053	289246 33045047	1400741	5516810	13288734	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluorooctanesulfonic acid (PFOS)		AveID	135333 24413711	276288 42064820	1352424	5220228	12883372	0.459 91.9	0.919 184	4.59	18.4	45.9
Perfluorononanoic acid (PFNA)		AveID	105154 16550265	218822 26543600	1071551	3889974	9267999	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluorooctane Sulfonamide (FOSA)		AveID	213560 33463766	443087 50726310	2169003	8131898	19411569	0.495 99.0	0.990 198	4.95	19.8	49.5
8:2FTS		AveID	46078 7985644	101968 15211498	543240	1836951	4822527	0.474 94.9	0.949 190	4.74	19.0	47.4
Perfluorodecanoic acid (PFDA)		AveID	77552 13460915	177758 22439977	843818	3091638	7772525	0.495 99.0	0.990 198	4.95	19.8	49.5

FORM VI
LCMS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1 Analy Batch No.: 165657

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2017 18:42 Calibration End Date: 05/22/2017 19:26 Calibration ID: 30578

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)		AveID	31213 6458818	67775 12710937	336567	1319337	3424676	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluorodecanesulfonic acid (PFDS)		AveID	82325 14400726	163704 23885111	840497	3301006	8267758	0.477 95.4	0.954 191	4.77	19.1	47.7
Perfluoroundecanoic acid (PFUnA)		AveID	83062 11059402	153074 18347734	692202	2683789	6234397	0.495 99.0	0.990 198	4.95	19.8	49.5
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)		AveID	28416 5709634	65749 10753519	327150	1270688	3088961	0.495 99.0	0.990 198	4.95	19.8	49.5
MeFOSA		AveID	46209 9574334	90112 17779562	476093	1939572	5046570	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluorododecanoic acid (PFDoA)		AveID	58035 10179993	117539 17405363	603161	2230341	5637879	0.495 99.0	0.990 198	4.95	19.8	49.5
N-EtFOSA-M		AveID	45145 9703450	100500 18175745	497504	1983991	5003258	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluorotridecanoic Acid (PFTriA)		AveID	60049 9786992	116327 16492283	591927	2268888	5581442	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluorotetradecanoic acid (PFTeA)		L2ID	126246 20327129	261023 33597608	1210978	4730974	11884827	0.495 99.0	0.990 198	4.95	19.8	49.5
Perfluoro-n-hexadecanoic acid (PFHxDA)		L2ID	+++++ 10737443	200684 18507930	686588	2359088	5867704	+++++ 99.0	0.990 198	4.95	19.8	49.5
Perfluoro-n-octadecanoic acid (PFODA)		AveID	68898 14389541	144683 24643267	699047	2721484	6182845	0.495 99.0	0.990 198	4.95	19.8	49.5

Curve Type Legend:
AveID = Average isotope dilution
L2ID = Linear 1/conc^2 IsoDil

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_003.d
Lims ID: IC L1 Full
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-May-2017 18:42:00 ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: L1-FULL
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 23-May-2017 08:42:34 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK028

First Level Reviewer: westendorfc Date: 23-May-2017 08:20:39

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.050	2.040	0.010		18712695	50.2		101	60957	
2 Perfluorobutyric acid										
212.90 > 169.00	2.050	2.044	0.006	1.000	193597	0.5105		103	110	
D 3 13C5-PFPeA										
267.90 > 223.00	2.418	2.408	0.010		12627388	51.2		103	127176	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.418	2.410	0.008	1.000	148727	0.5381		109	41.6	
D 47 13C3-PFBS										
301.90 > 83.00	2.456	2.448	0.008		314717	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.466	2.452	0.014	1.000	246332	0.4742		108		
298.90 > 99.00	2.466	2.452	0.014	1.000	97194		2.53(0.00-0.00)	108		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.761	2.748	0.013	1.000	41107	0.4396		95.1		
D 7 13C2 PFHxA										
315.00 > 270.00	2.807	2.799	0.008		12383138	50.6		102	176646	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.807	2.799	0.008	1.000	138660	0.5351		108	262	
D 9 13C4-PFHpA										
367.00 > 322.00	3.213	3.203	0.010		11751747	52.5		106	36618	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.213	3.203	0.010	1.000	135938	0.5223		106	211	
D 11 18O2 PFHxS										
403.00 > 84.00	3.221	3.209	0.012		15378462	47.7		102	70141	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.221	3.209	0.012	1.000	215695	0.5429		121		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.581	3.576	0.005	1.000	59892	0.4872		104		
D 12 M2-6:2FTS										
429.00 > 409.00	3.581	3.576	0.005		6004536	45.7		97.2		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.605	3.595	0.010	1.000	161563	0.5144		109		
* 62 13C2-PFOA										
415.00 > 370.00	3.605	3.595	0.010		10635112	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.613	3.601	0.012		11461033	50.5		102	32655	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.613	3.601	0.012	1.000	140556	0.5407		109	12.2	
413.00 > 169.00	3.613	3.601	0.012	1.000	87704		1.60(0.90-1.10)	109	355	
D 18 13C4 PFOS										
503.00 > 80.00	3.976	3.966	0.010		10890376	46.4		98.1	15297	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.976	3.967	0.009	1.000	135333	0.4956		108	2035	
499.00 > 99.00	3.976	3.967	0.009	1.000	29621		4.57(0.90-1.10)	108	159	
D 19 13C5 PFNA										
468.00 > 423.00	3.986	3.979	0.007		9062291	51.9		105	17457	
20 Perfluorononanoic acid										
463.00 > 419.00	3.986	3.981	0.005	1.000	105154	0.5282		107	149	
D 21 13C8 FOSA										
506.00 > 78.00	4.307	4.296	0.011		17914690	48.7		98.4	12373	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.307	4.297	0.010	1.000	213560	0.5630		114	2695	
D 26 M2-8:2FTS										
529.00 > 509.00	4.327	4.320	0.007		4542812	45.6		96.2		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.337	4.322	0.015	1.002	46078	0.4931		104		
D 23 13C2 PFDA										
515.00 > 470.00	4.327	4.322	0.005		7516286	50.3		102	2953	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.337	4.323	0.014	1.000	77552	0.5020		101	7.2	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.487	4.472	0.015		3086050	46.8		94.5		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.487	4.478	0.009	1.000	31213	0.4974		100		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.613	4.598	0.015	1.000	82325	0.5152		108		
D 30 13C2 PFUnA										
565.00 > 520.00	4.630	4.624	0.006		5928001	52.8		107	5170	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.638	4.625	0.013	1.000	83062	0.5907		119	262	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.638	4.627	0.011		3187933	49.6		100		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.647	4.635	0.012	1.002	28416	0.4620		93.3		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.761	4.750	0.011		4604505	46.5		94.0		
35 MeFOSA										
512.00 > 169.00	4.772	4.755	0.017	1.000	46209	0.5159		104		
D 36 13C2 PFDoA										
615.00 > 570.00	4.905	4.895	0.010		5517284	50.7		102	3494	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.905	4.895	0.010	1.000	58035	0.5132		104	3.0	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.931	4.915	0.016		4539395	47.3		95.6		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.931	4.922	0.009	1.000	45145	0.4830		97.6		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.148	5.139	0.009	1.000	60049	0.5365		108	2.6	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.366	5.357	0.009		10805071	50.2		101	4570	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.366	5.357	0.009	1.000	126246	0.4835		97.7	1.9	
713.00 > 169.00	5.357	5.357	0.0	0.998	21843		5.78(0.00-0.00)	97.7	76.1	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.744	5.742	0.002		5753014	47.8		96.6	1272	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.744	5.743	0.001	1.000	139137	0.5252		106	4.6	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.140	6.143	-0.003	1.000	68898	0.4905		99.1	2.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L1_00002 Amount Added: 1.00 Units: mL

Report Date: 23-May-2017 08:42:35 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_003.d

Injection Date: 22-May-2017 18:42:00 Instrument ID: A8_N

Lims ID: IC L1 Full

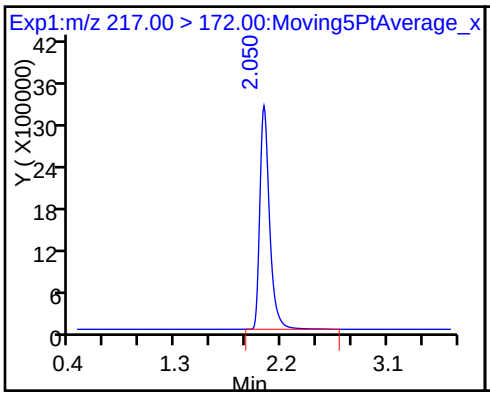
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 28 Worklist Smp#: 3

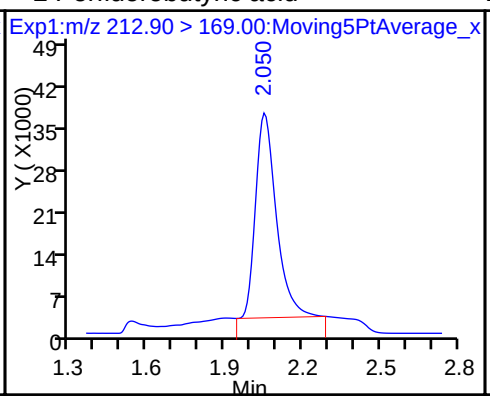
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

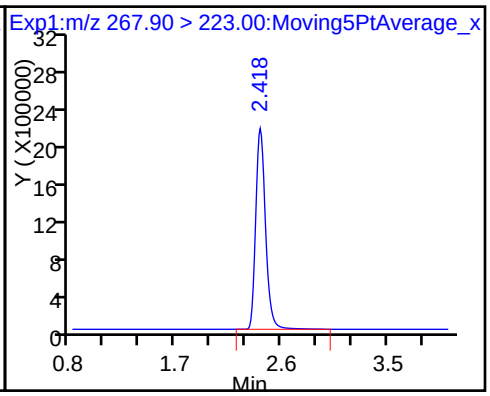
D 1 13C4 PFBA



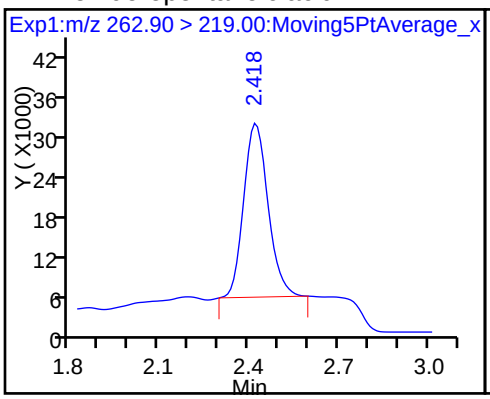
2 Perfluorobutyric acid



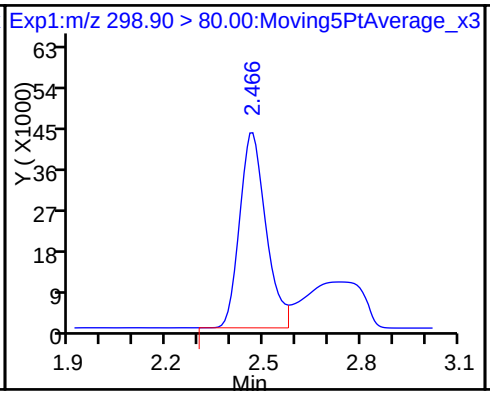
D 3 13C5-PFPeA



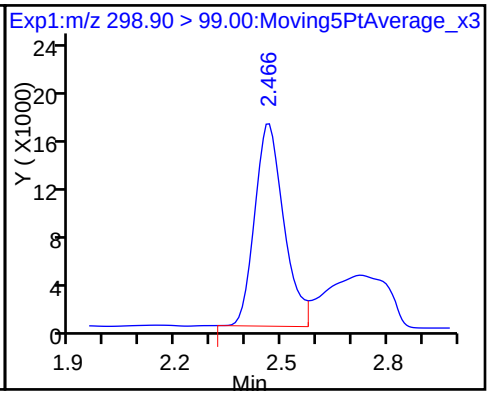
4 Perfluoropentanoic acid



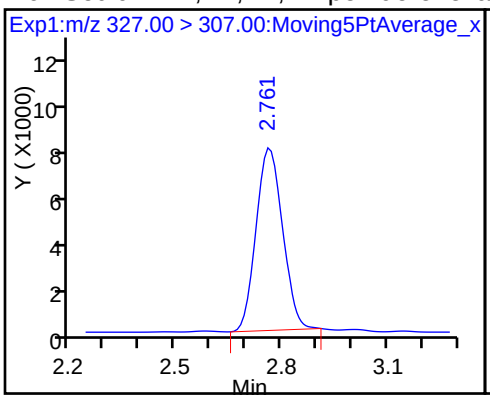
5 Perfluorobutanesulfonic acid



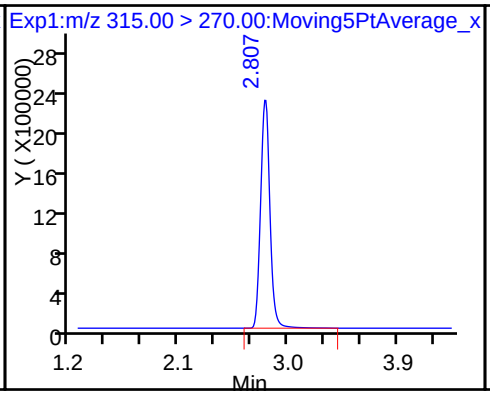
5 Perfluorobutanesulfonic acid



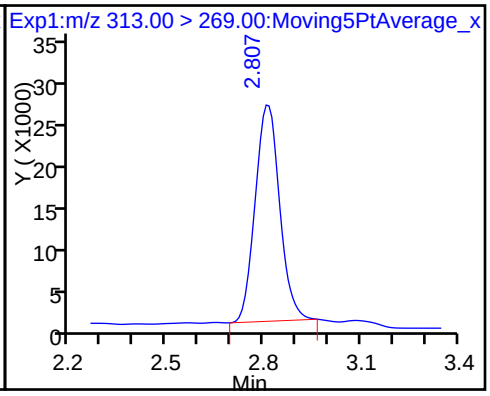
61 Sodium 1H,1H,2H,2H-perfluorohexane



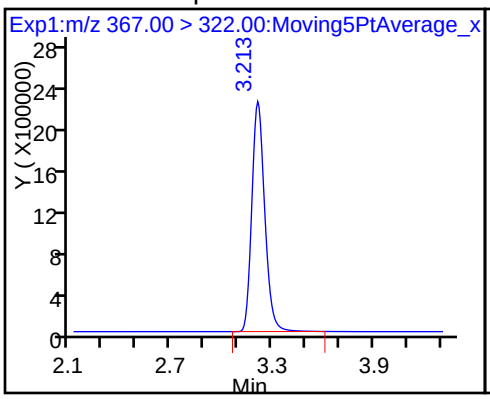
D 7 13C2 PFHxA



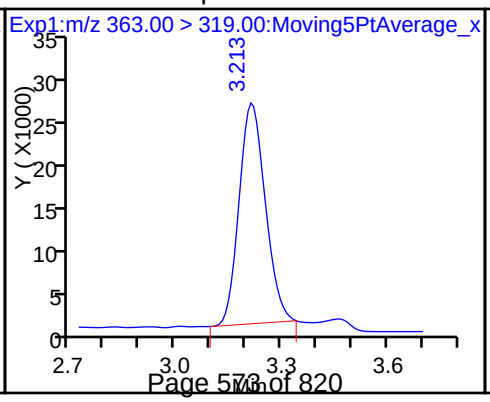
6 Perfluorohexanoic acid



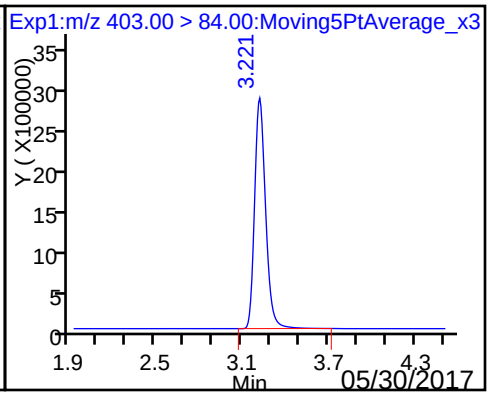
D 9 13C4-PFHpA



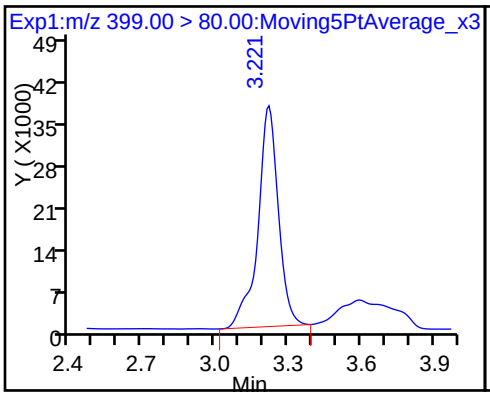
10 Perfluoroheptanoic acid



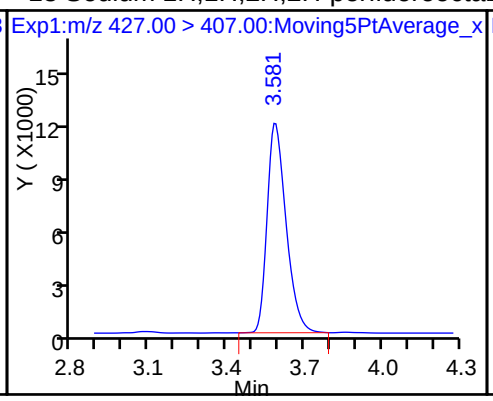
D 11 18O2 PFHxS



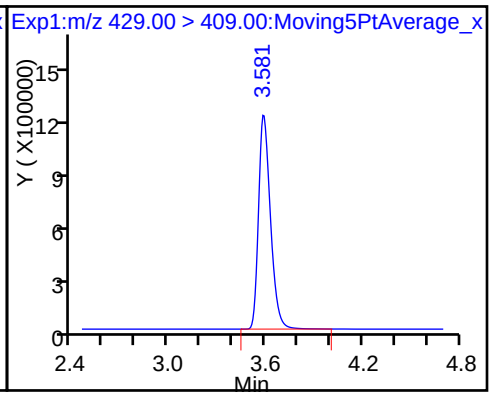
8 Perfluorohexanesulfonic acid



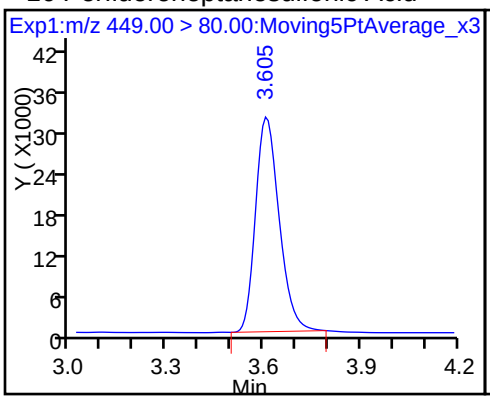
13 Sodium 1H,1H,2H,2H-perfluorooctane



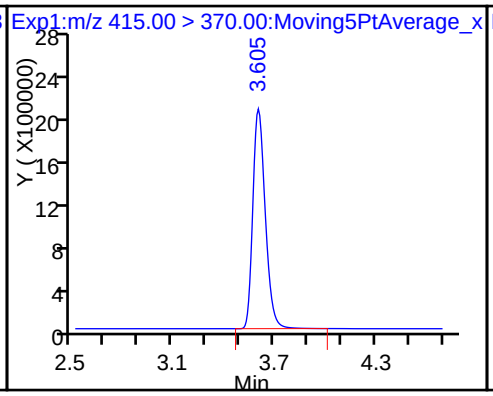
D 12 M2-6:2FTS



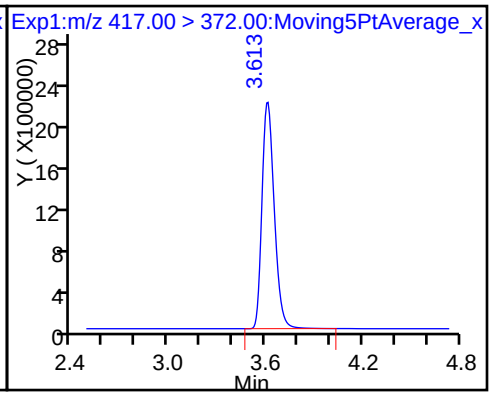
16 Perfluoroheptanesulfonic Acid



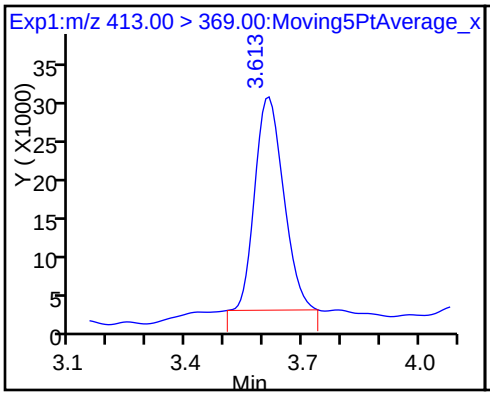
* 62 13C2-PFOA



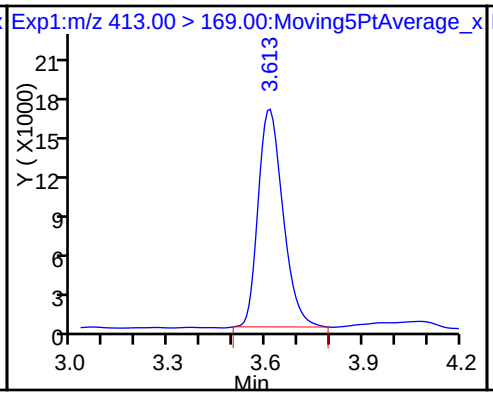
D 14 13C4 PFOA



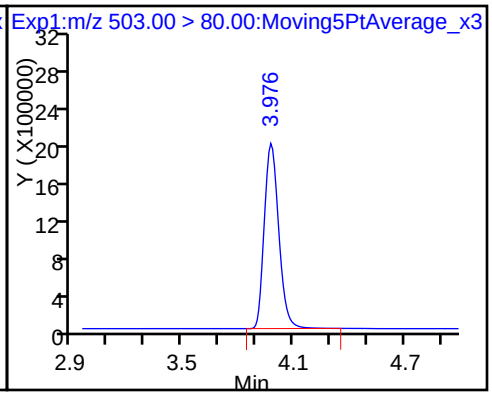
15 Perfluorooctanoic acid



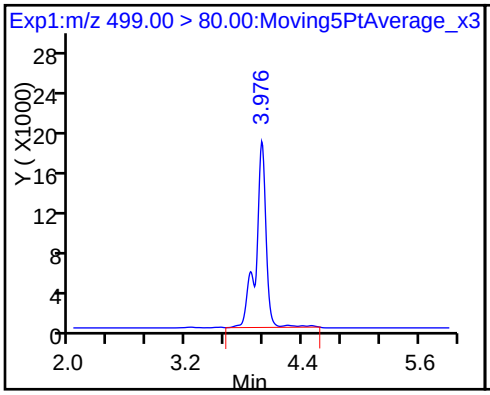
15 Perfluorooctanoic acid



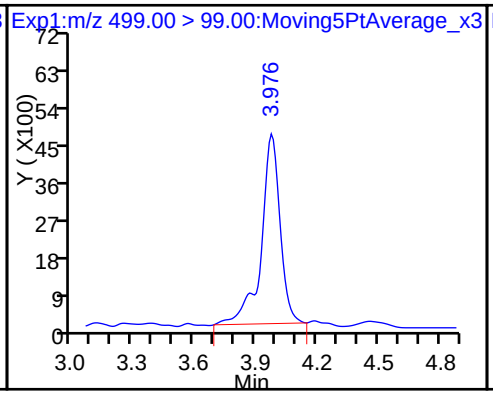
D 18 13C4 PFOS



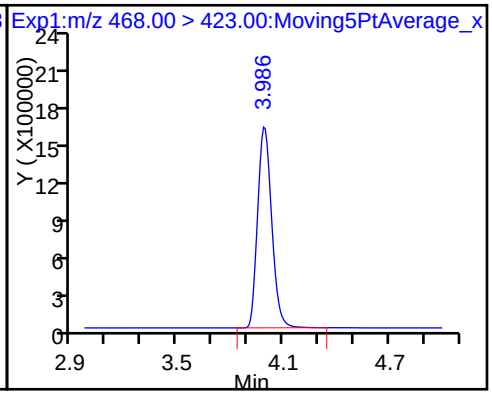
17 Perfluorooctane sulfonic acid



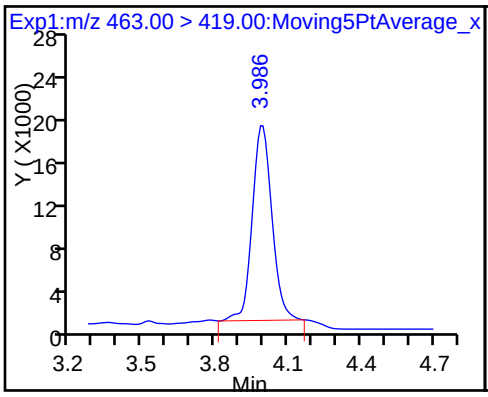
17 Perfluorooctane sulfonic acid



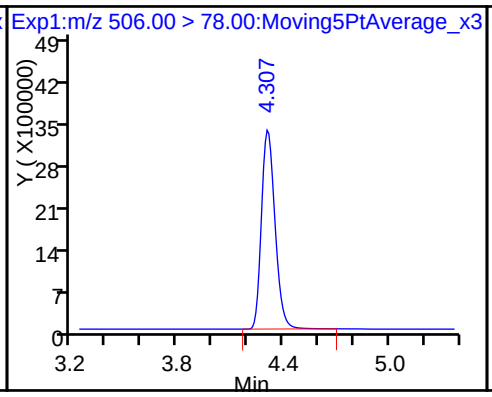
D 19 13C5 PFNA



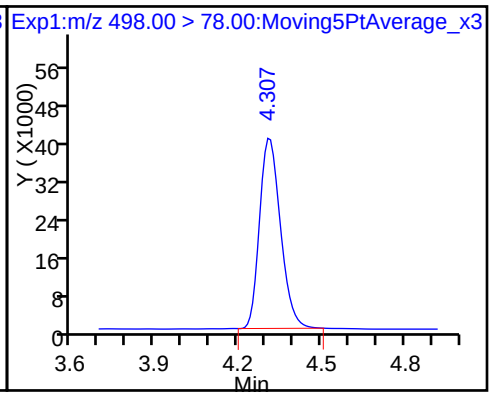
20 Perfluorononanoic acid



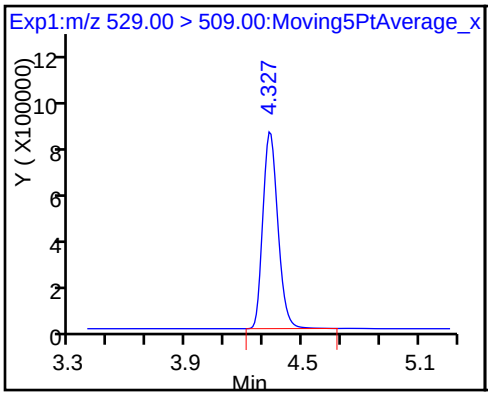
D 21 13C8 FOSA



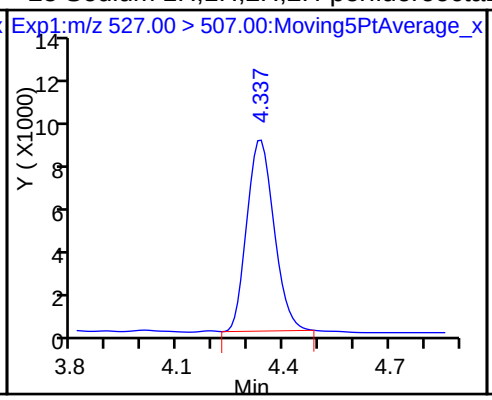
22 Perfluorooctane Sulfonamide



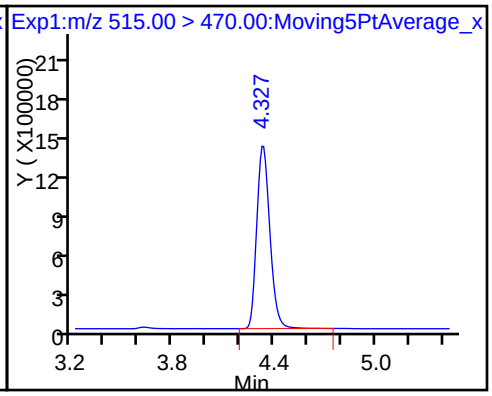
D 26 M2-8:2FTS



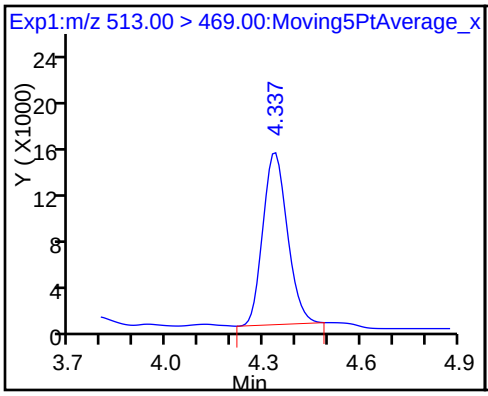
25 Sodium 1H,1H,2H,2H-perfluorooctane



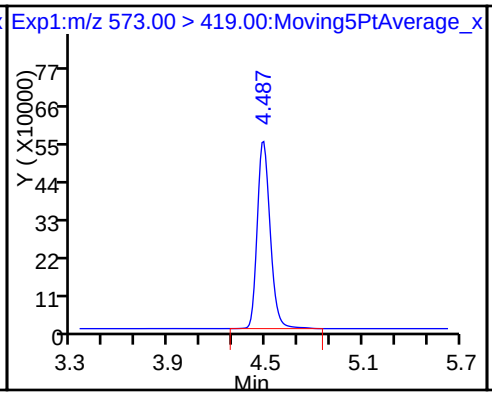
D 23 13C2 PFDA



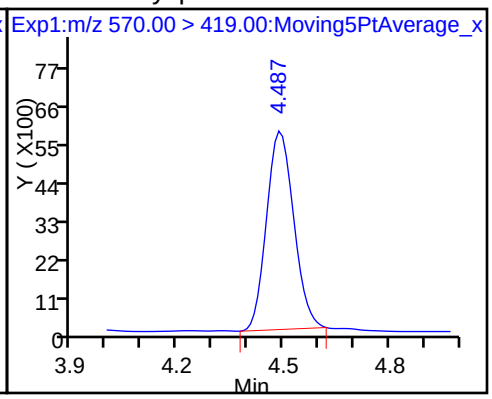
24 Perfluorodecanoic acid



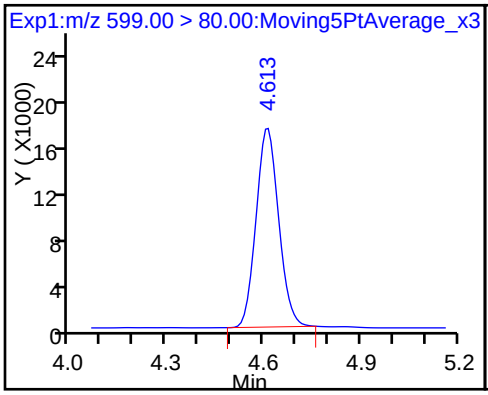
D 27 d3-NMeFOSAA



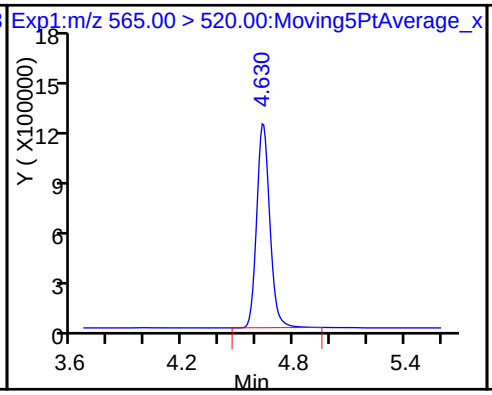
28 N-methyl perfluorooctane sulfonami



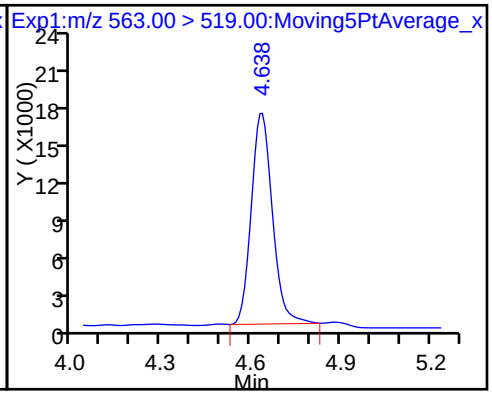
29 Perfluorodecane Sulfonic acid



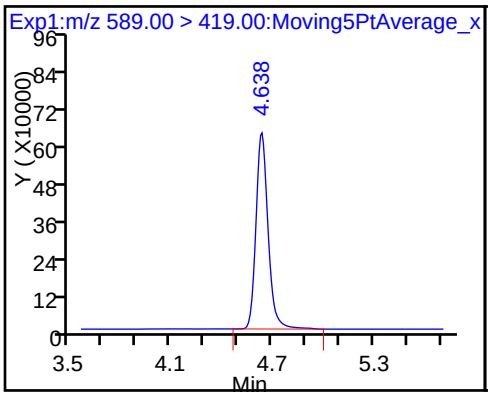
D 30 13C2 PFUnA



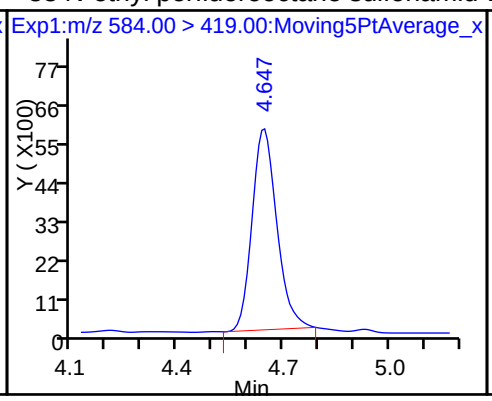
31 Perfluoroundecanoic acid



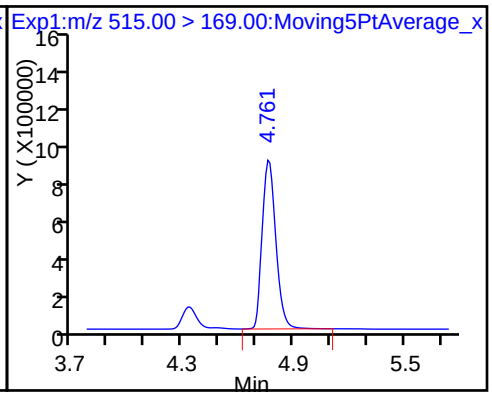
D 32 d5-NEtFOSAA



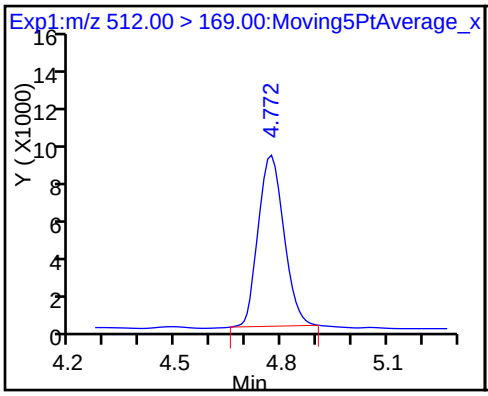
33 N-ethyl perfluorooctane sulfonamid



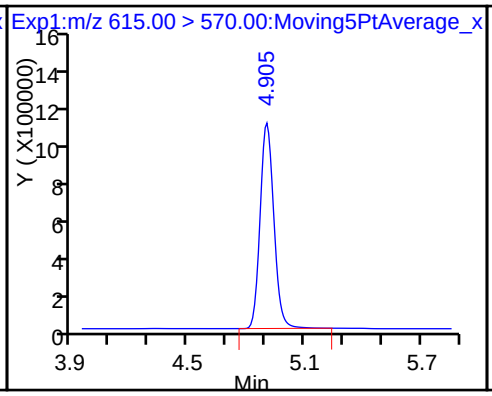
D 34 d-N-MeFOSA-M



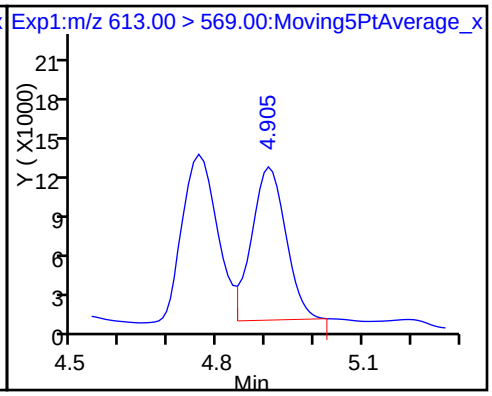
35 MeFOSA



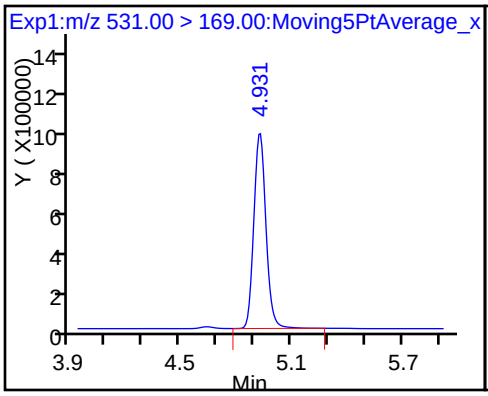
D 36 13C2 PFDoA



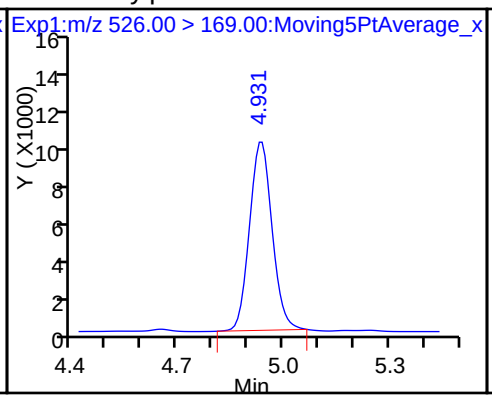
37 Perfluorododecanoic acid



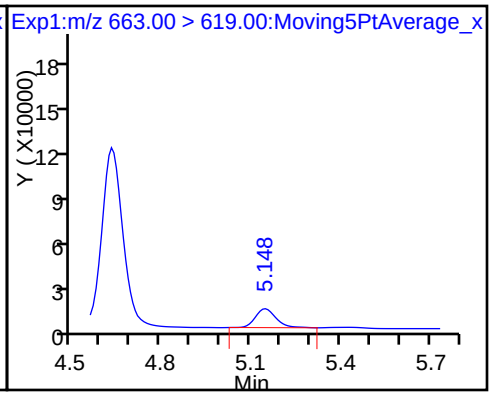
D 38 d-N-EtFOSA-M



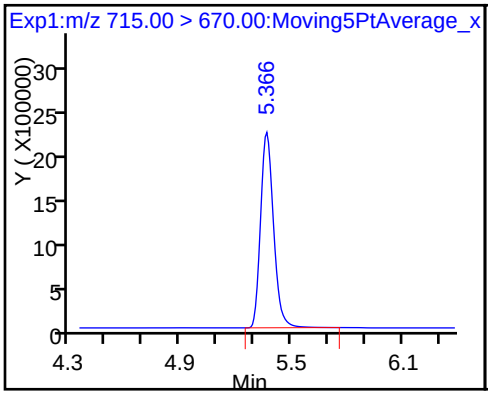
39 N-ethylperfluoro-1-octanesulfonami



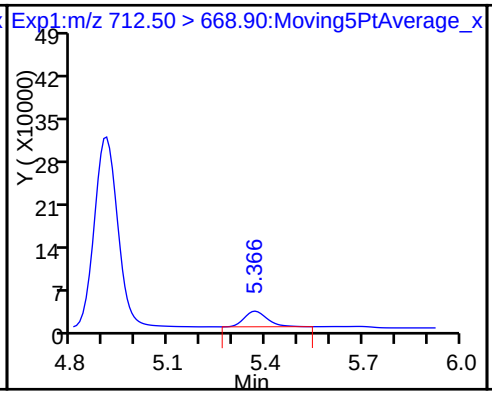
41 Perfluorotridecanoic acid



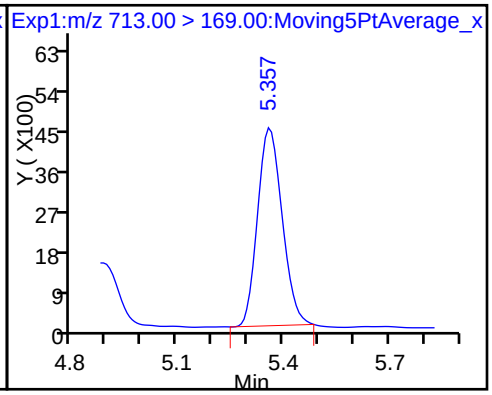
D 43 13C2-PFTeDA



42 Perfluorotetradecanoic acid

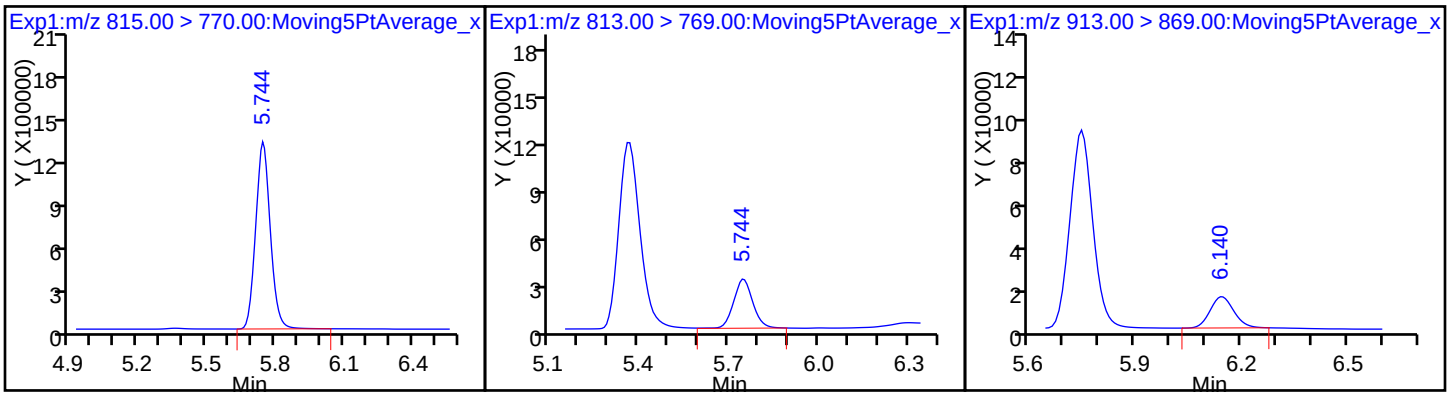


42 Perfluorotetradecanoic acid



Report Date: 23-May-2017 08:42:35 Chrom Revision: 2.2 25-Apr-2017 13:27:22
Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_003.d

D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_004.d
Lims ID: IC L2 Full
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-May-2017 18:49:29 ALS Bottle#: 29 Worklist Smp#: 4
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: L2-FULL
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 23-May-2017 08:42:37 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK028

First Level Reviewer: westendorfc Date: 23-May-2017 08:21:05

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.041	2.040	0.001		20008414	53.7		108	85549	
2 Perfluorobutyric acid										
212.90 > 169.00	2.049	2.044	0.005	1.000	426086	1.05		106	277	
D 3 13C5-PFPeA										
267.90 > 223.00	2.417	2.408	0.009		13239521	53.7		108	140357	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.417	2.410	0.007	1.000	303124	1.05		106	88.8	
D 47 13C3-PFBS										
301.90 > 83.00	2.455	2.448	0.007		341919	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.455	2.452	0.003	1.000	510898	0.9378		107		
298.90 > 99.00	2.455	2.452	0.003	1.000	204173		2.50(0.00-0.00)	107		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.750	2.748	0.002	1.000	98857	0.99		108		
6 Perfluorohexanoic acid										
313.00 > 269.00	2.806	2.799	0.007	1.000	294053	1.05		106	576	
D 7 13C2 PFHxA										
315.00 > 270.00	2.806	2.799	0.007		13403642	54.8		111	65380	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.205	3.203	0.002	1.000	284534	1.04		105	433	
D 9 13C4-PFHpA										
367.00 > 322.00	3.205	3.203	0.002		12401431	55.4		112	52622	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.213	3.209	0.004	1.000	405799	0.9739		108		
D 11 18O2 PFHxS										
403.00 > 84.00	3.213	3.209	0.004		16129253	50.1		107	234448	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2FTS										
429.00 > 409.00	3.580	3.576	0.004		6383540	48.6		103		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.580	3.576	0.004	1.000	126006	0.9641		103		
* 62 13C2-PFOA										
415.00 > 370.00	3.595	3.595	0.0		11478263	49.5				
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.595	3.595	0.0	1.000	328366	0.9628		102		
15 Perfluorooctanoic acid										
413.00 > 369.00	3.603	3.601	0.002	1.000	289246	1.03		104	23.2	
413.00 > 169.00	3.603	3.601	0.002	1.000	181400		1.59(0.90-1.10)	104	680	
D 14 13C4 PFOA										
417.00 > 372.00	3.603	3.601	0.002		12432800	54.8		111	45518	
D 18 13C4 PFOS										
503.00 > 80.00	3.974	3.966	0.008		11825280	50.4		106	34953	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.974	3.967	0.007	1.000	276288	0.9319		101	1260	
499.00 > 99.00	3.964	3.967	-0.003	0.997	59289		4.66(0.90-1.10)	101	299	
D 19 13C5 PFNA										
468.00 > 423.00	3.984	3.979	0.005		9841139	56.4		114	41433	
20 Perfluorononanoic acid										
463.00 > 419.00	3.984	3.981	0.003	1.000	218822	1.01		102	281	
D 21 13C8 FOSA										
506.00 > 78.00	4.305	4.296	0.009		19374502	52.7		106	68439	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.305	4.297	0.008	1.000	443087	1.08		109	4681	
D 26 M2-8:2FTS										
529.00 > 509.00	4.325	4.320	0.005		5192316	52.1		110		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.325	4.322	0.003	1.000	101968	0.9546		101		
D 23 13C2 PFDA										
515.00 > 470.00	4.325	4.322	0.003		8193830	54.8		111	3689	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.325	4.323	0.002	1.000	177758	1.06		107	18.0	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.474	4.472	0.002		3459902	52.4		106		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.474	4.478	-0.004	1.000	67775	0.9632		97.3		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.602	4.598	0.004	1.000	163704	0.9434		98.8		
D 30 13C2 PFUnA										
565.00 > 520.00	4.627	4.624	0.003		6273263	55.9		113	8054	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.627	4.625	0.002	1.000	153074	1.03		104	445	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.627	4.627	0.0		3634540	56.6		114		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.635	4.635	0.0	1.002	65749	0.9377		94.7		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.758	4.750	0.008		4936124	49.9		101		
35 MeFOSA										
512.00 > 169.00	4.758	4.755	0.003	1.000	90112	0.9384		94.8		
37 Perfluorododecanoic acid										
613.00 > 569.00	4.894	4.895	-0.001	1.000	117539	0.99		100	5.7	
D 36 13C2 PFDoA										
615.00 > 570.00	4.894	4.895	-0.001		5780215	53.1		107	6075	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.920	4.915	0.005		4895716	51.0		103		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.929	4.922	0.007	1.000	100500	1.00		101		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.139	5.139	0.0	1.000	116327	0.99		100	4.6	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.356	5.357	-0.001	1.000	261023	1.02		103	3.5	
713.00 > 169.00	5.356	5.357	-0.001	1.000	40868		6.39(0.00-0.00)	103	155	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.356	5.357	-0.001		11391150	52.9		107	7043	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.743	5.742	0.001		6209832	51.6		104	1716	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.743	5.743	0.0	1.000	200684	0.9789		98.9	6.8	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.140	6.143	-0.003	1.000	144683	0.9831		99.3	4.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L2_00002 Amount Added: 1.00 Units: mL

Report Date: 23-May-2017 08:42:38 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_004.d

Injection Date: 22-May-2017 18:49:29 Instrument ID: A8_N

Lims ID: IC L2 Full

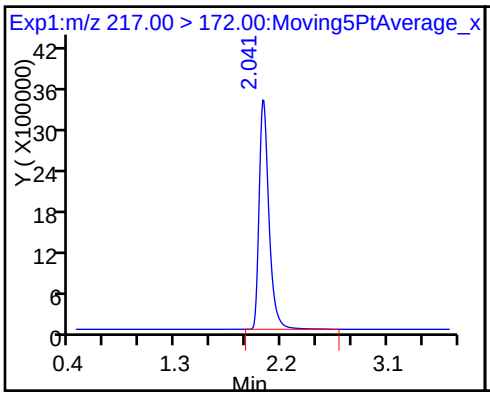
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 29 Worklist Smp#: 4

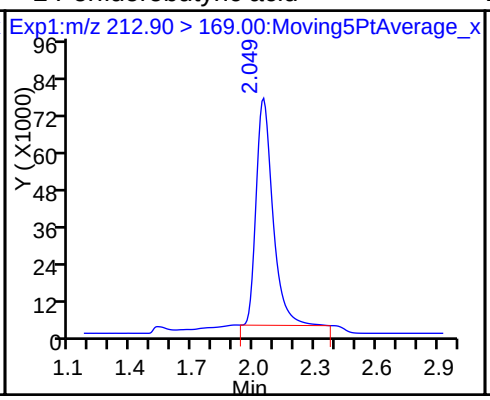
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

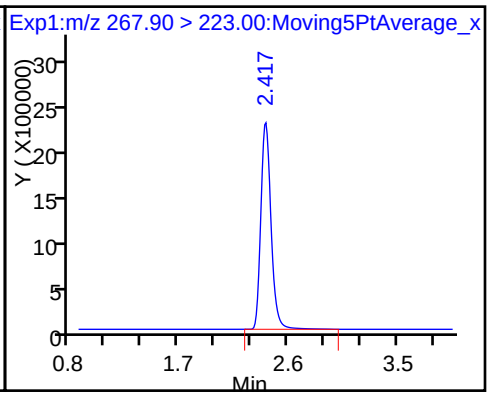
D 1 13C4 PFBA



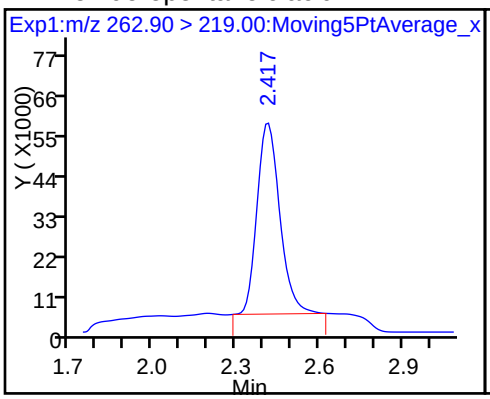
2 Perfluorobutyric acid



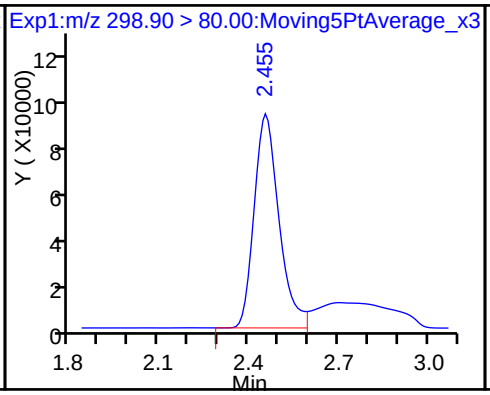
D 3 13C5-PFPeA



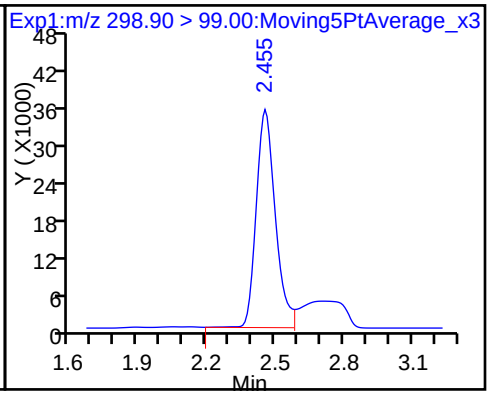
4 Perfluoropentanoic acid



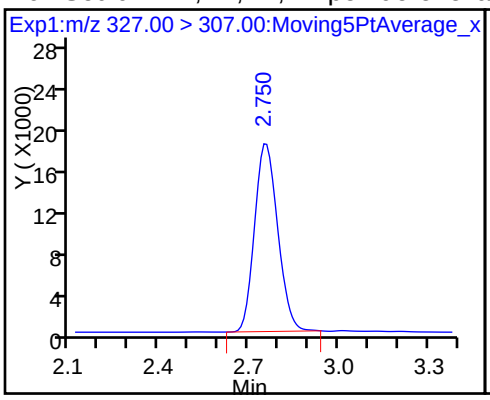
5 Perfluorobutanesulfonic acid



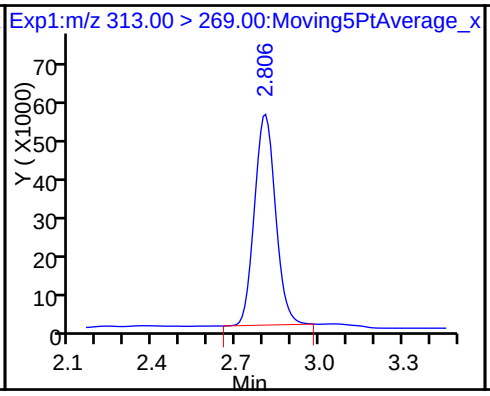
5 Perfluorobutanesulfonic acid



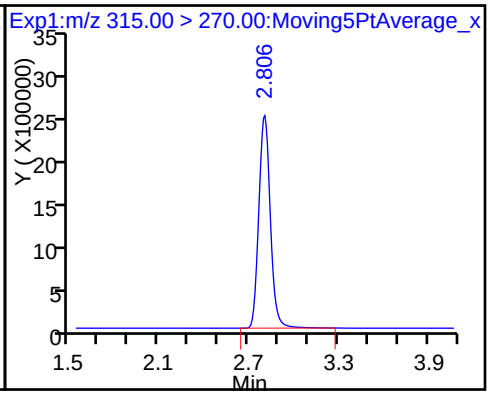
61 Sodium 1H,1H,2H,2H-perfluorohexane



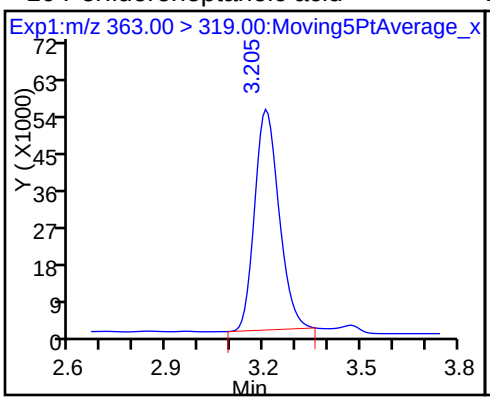
6 Perfluorohexanoic acid



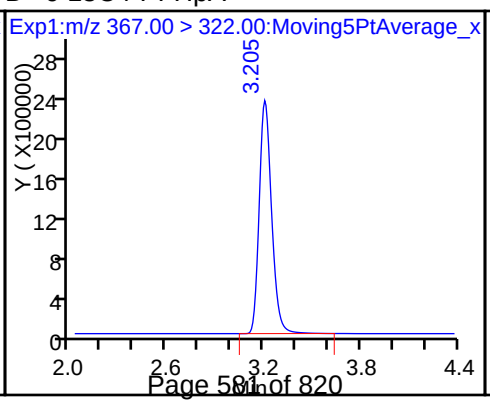
D 7 13C2 PFHxA



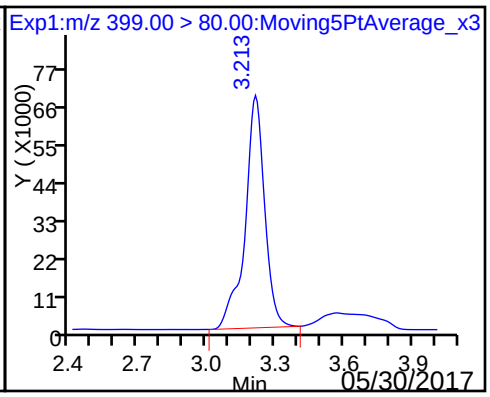
10 Perfluoroheptanoic acid



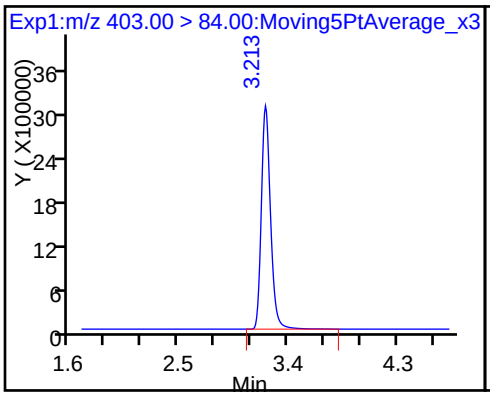
D 9 13C4-PFHpA



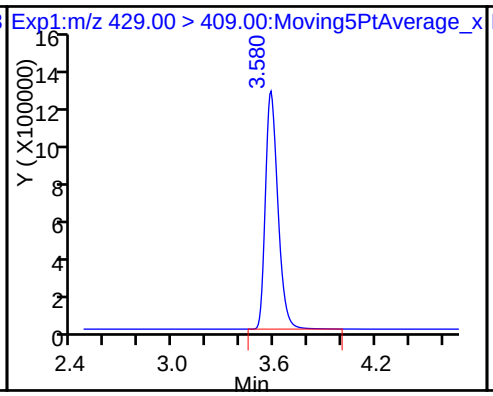
8 Perfluorohexanesulfonic acid



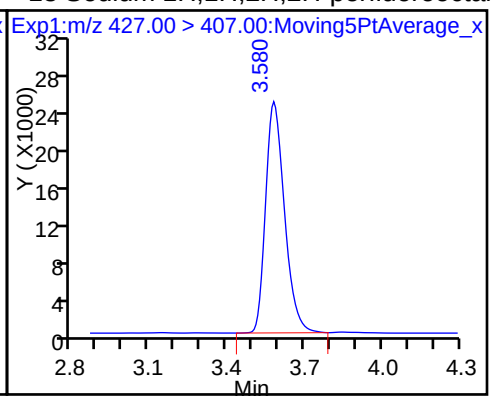
D 11 18O2 PFHxS



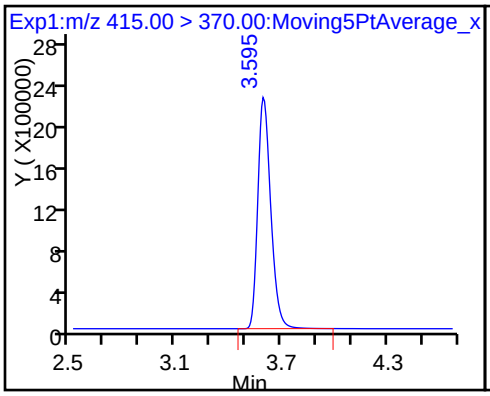
D 12 M2-6:2FTS



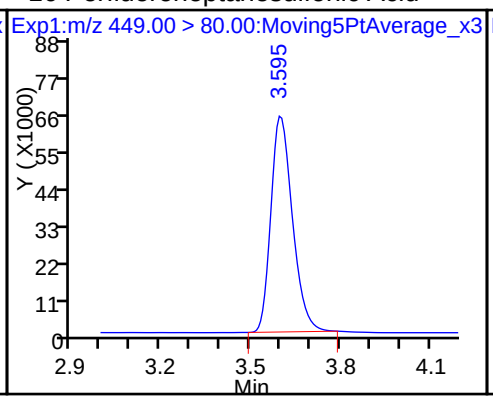
13 Sodium 1H,1H,2H,2H-perfluorooctane



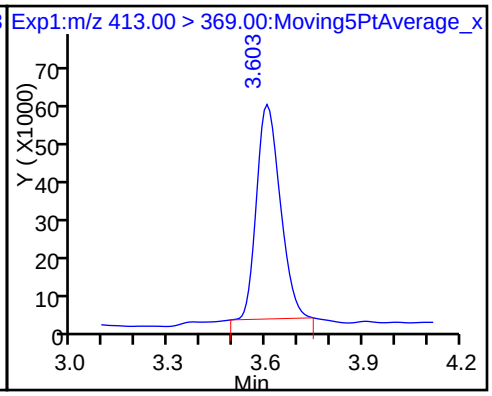
* 62 13C2-PFOA



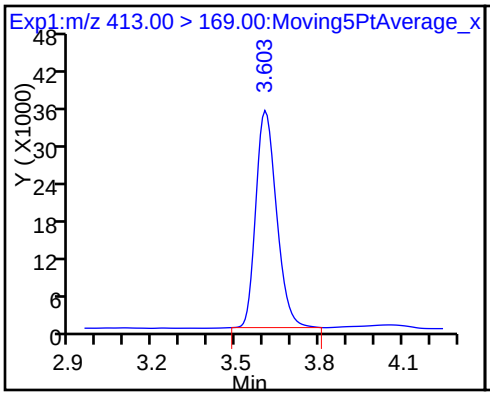
16 Perfluoroheptanesulfonic Acid



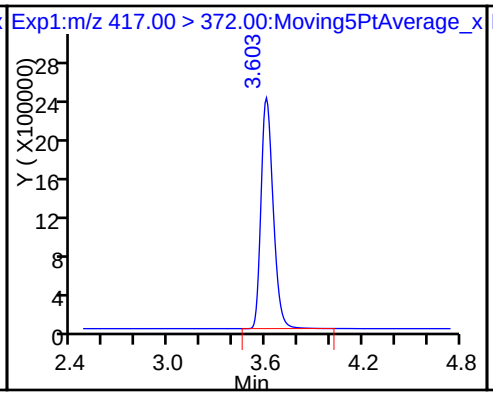
15 Perfluorooctanoic acid



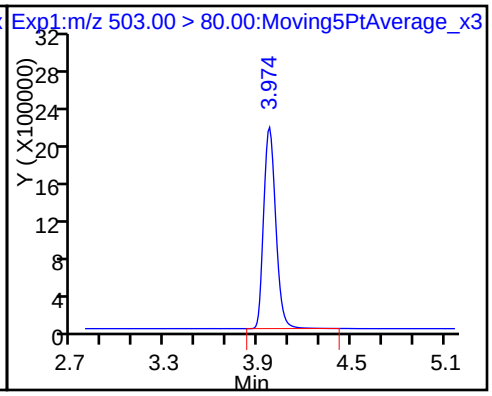
15 Perfluorooctanoic acid



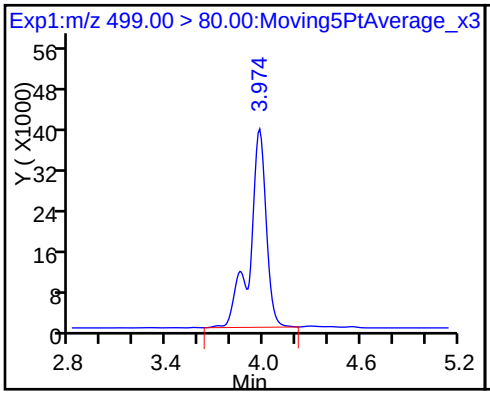
D 14 13C4 PFOA



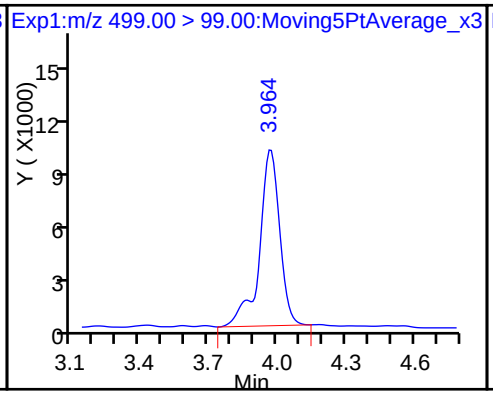
D 18 13C4 PFOS



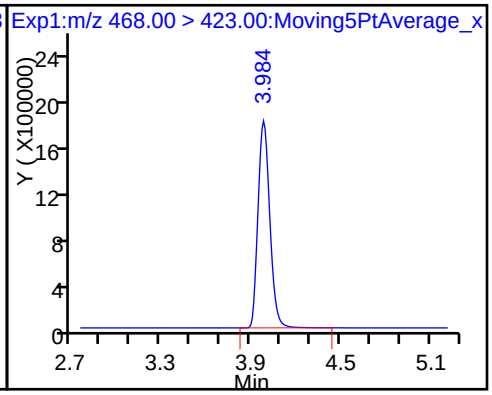
17 Perfluorooctane sulfonic acid



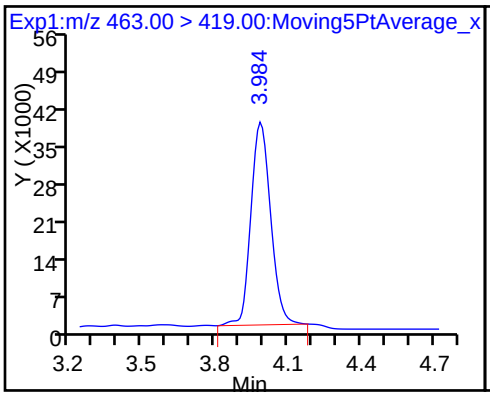
17 Perfluorooctane sulfonic acid



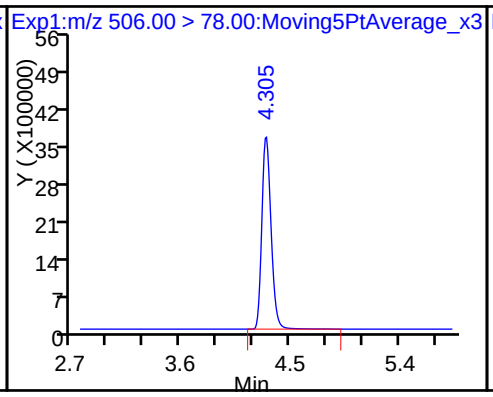
D 19 13C5 PFNA



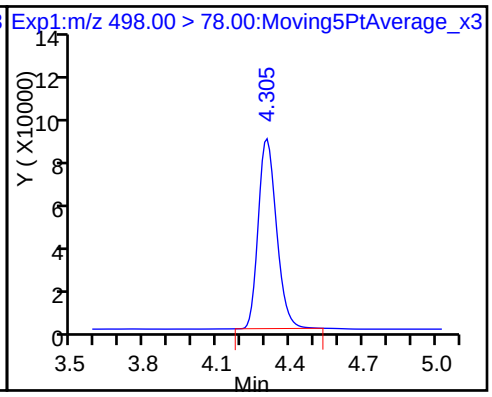
20 Perfluorononanoic acid



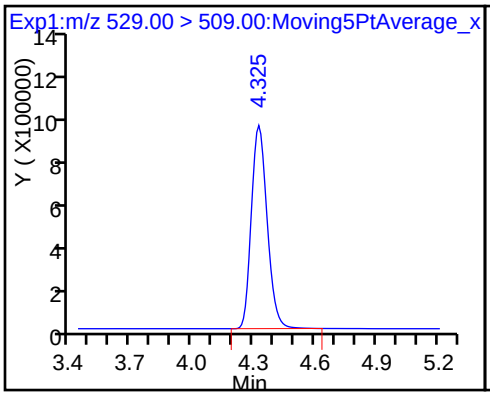
D 21 13C8 FOSA



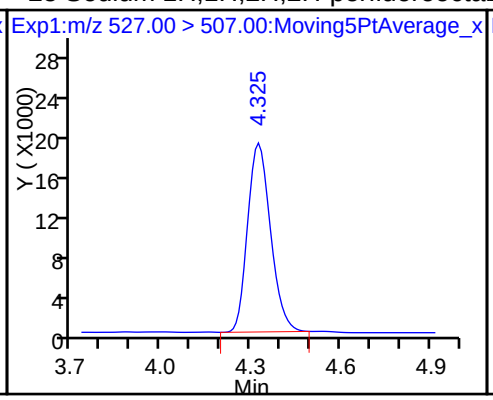
22 Perfluorooctane Sulfonamide



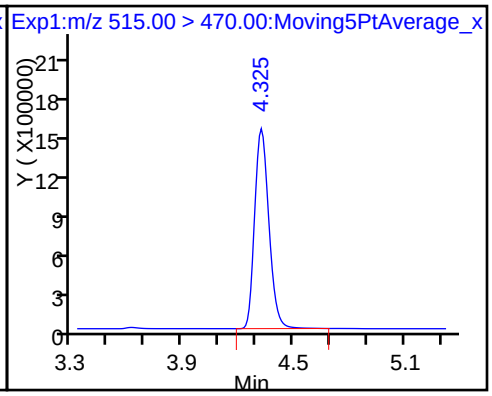
D 26 M2-8:2FTS



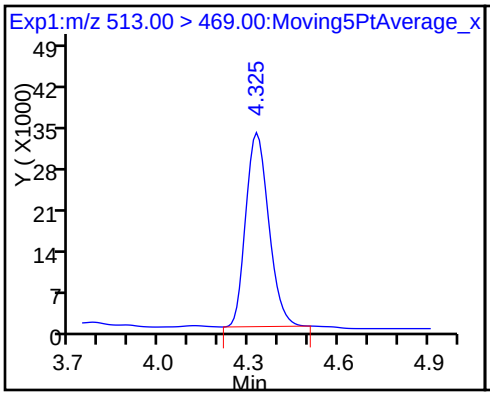
25 Sodium 1H,1H,2H,2H-perfluorooctane



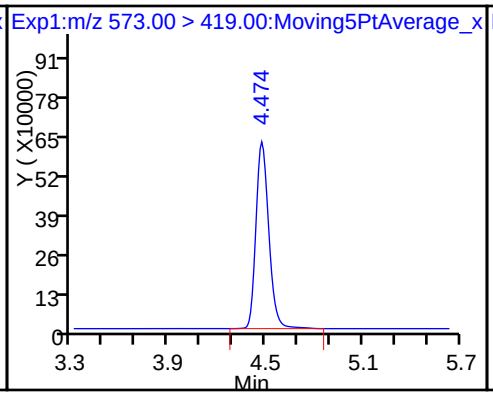
D 23 13C2 PFDA



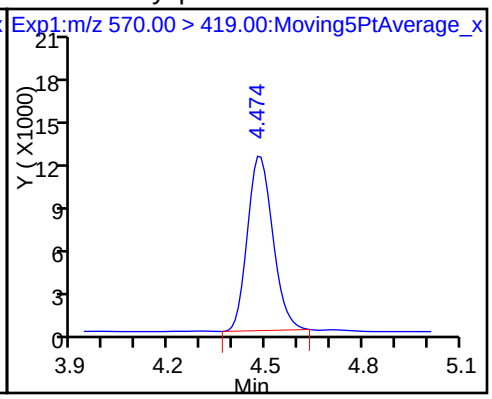
24 Perfluorodecanoic acid



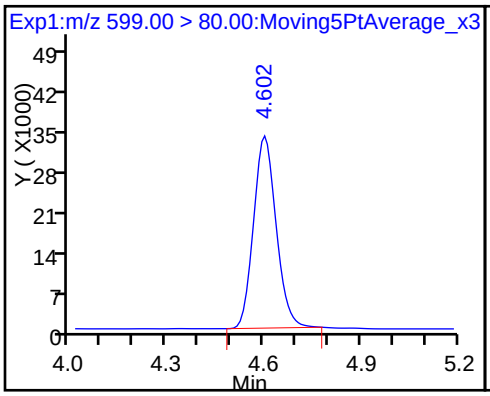
D 27 d3-NMeFOSAA



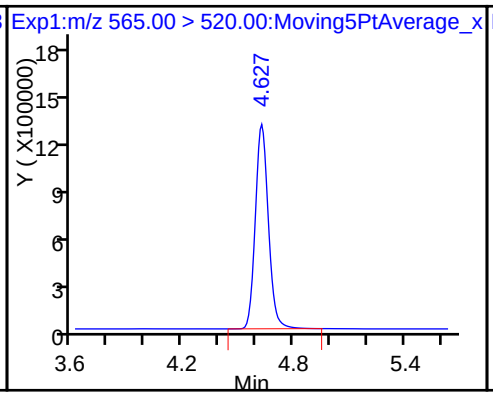
28 N-methyl perfluorooctane sulfonami



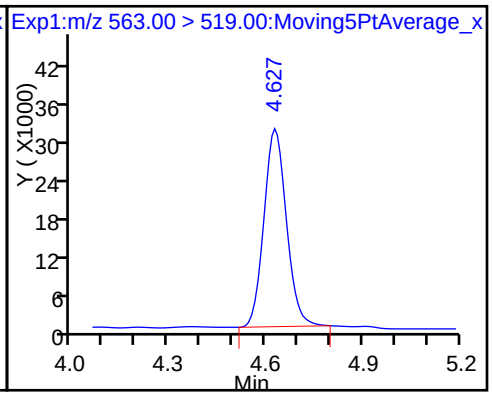
29 Perfluorodecane Sulfonic acid



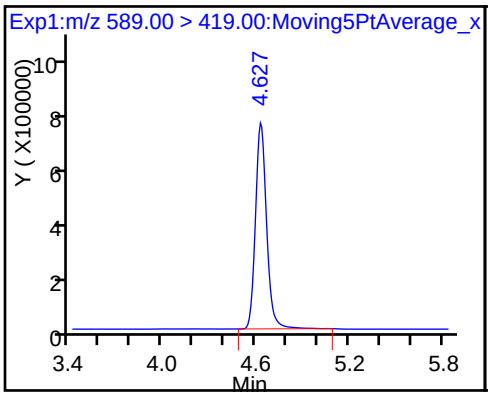
D 30 13C2 PFUnA



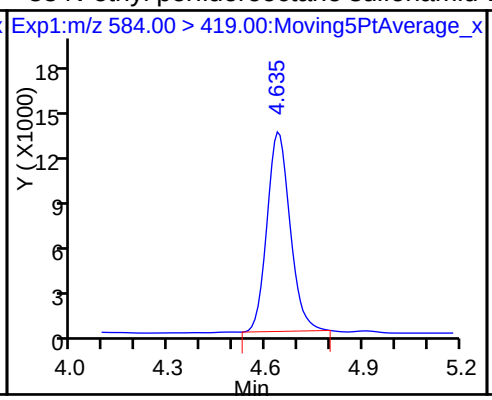
31 Perfluoroundecanoic acid



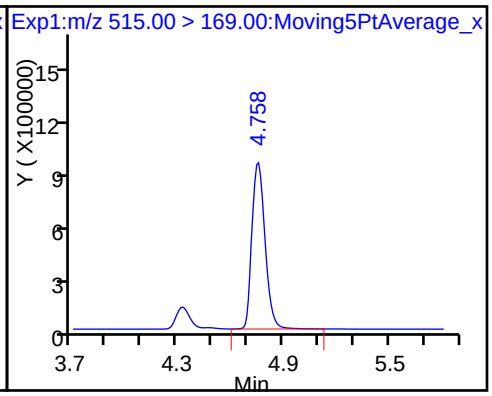
D 32 d5-NEtFOSAA



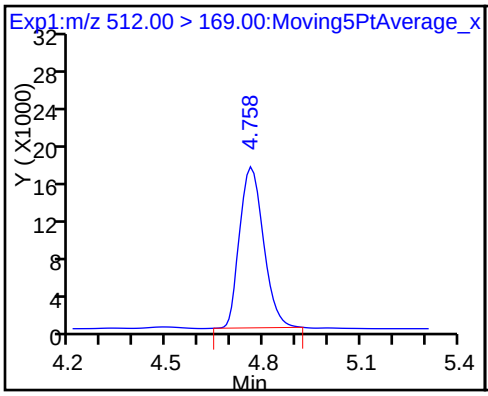
33 N-ethyl perfluorooctane sulfonamid



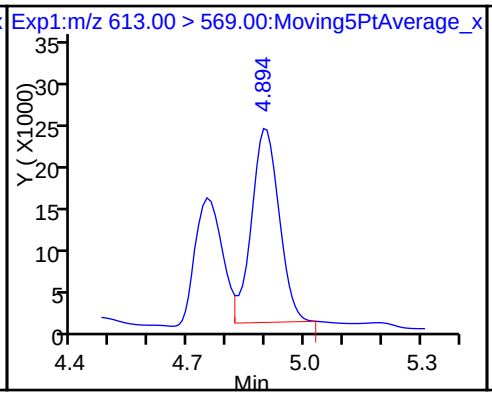
D 34 d-N-MeFOSA-M



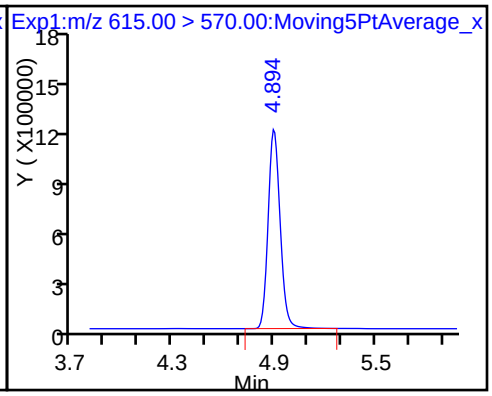
35 MeFOSA



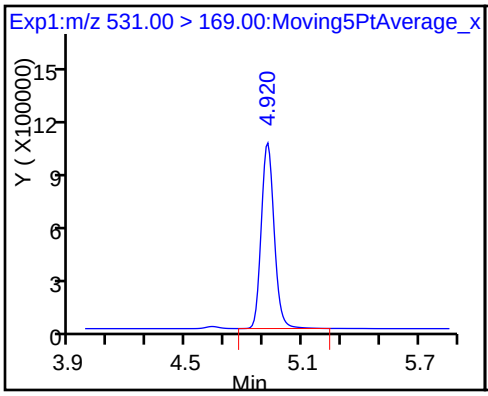
37 Perfluorododecanoic acid



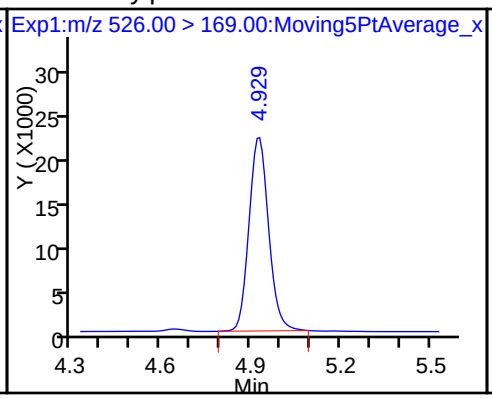
D 36 13C2 PFDoA



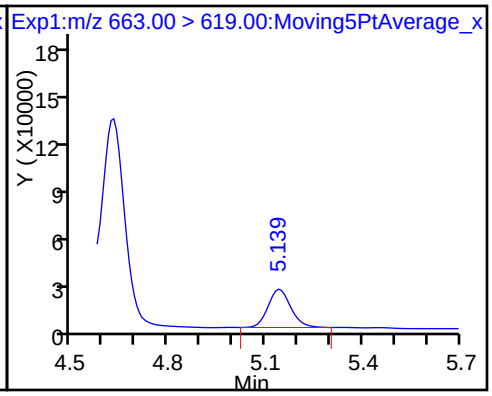
D 38 d-N-EtFOSA-M



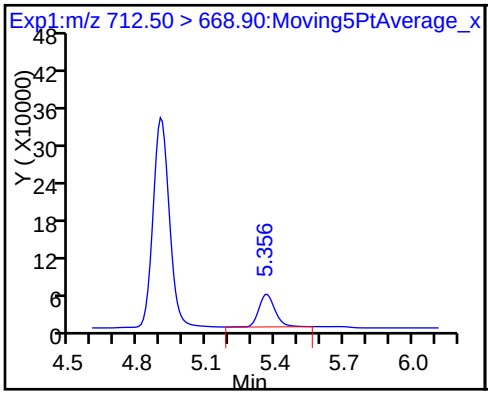
39 N-ethylperfluoro-1-octanesulfonami



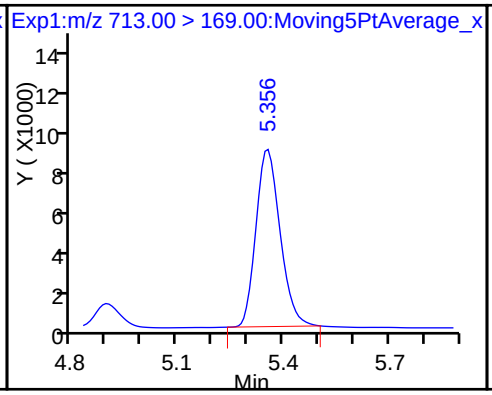
41 Perfluorotridecanoic acid



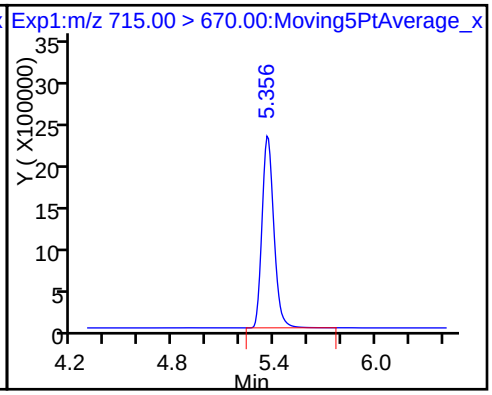
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid

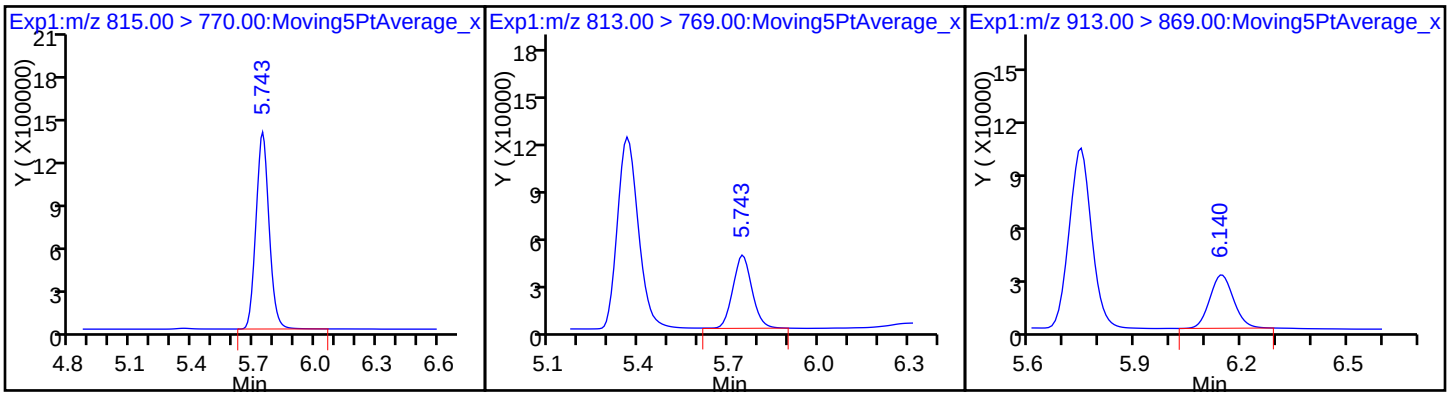


D 43 13C2-PFTeDA



Report Date: 23-May-2017 08:42:38 Chrom Revision: 2.2 25-Apr-2017 13:27:22
Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_004.d

D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_005.d
Lims ID: IC L3 Full
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 22-May-2017 18:56:59 ALS Bottle#: 30 Worklist Smp#: 5
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: L3-FULL
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 23-May-2017 08:42:40 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK028

First Level Reviewer: westendorfc Date: 23-May-2017 08:19:02

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.034	2.040	-0.006		19601054	52.6		106	177048	
2 Perfluorobutyric acid										
212.90 > 169.00	2.034	2.044	-0.010	1.000	2069688	5.21		105	1560	
D 3 13C5-PFPeA										
267.90 > 223.00	2.398	2.408	-0.010		13234174	53.7		108	284156	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.398	2.410	-0.012	1.000	1430018	4.94		99.7	469	
D 47 13C3-PFBS										
301.90 > 83.00	2.438	2.448	-0.010		335882	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.438	2.452	-0.014	1.000	2576863	4.72		108		
298.90 > 99.00	2.438	2.452	-0.014	1.000	994887		2.59(0.00-0.00)	108		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.738	2.748	-0.010	1.000	471975	4.90		106		
D 7 13C2 PFHxA										
315.00 > 270.00	2.786	2.799	-0.013		13009289	53.2		107	390089	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.786	2.799	-0.013	1.000	1401897	5.15		104	3144	
D 9 13C4-PFHpA										
367.00 > 322.00	3.188	3.203	-0.015		12394373	55.4		112	135765	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.188	3.203	-0.015	1.000	1383361	5.04		102	1788	
D 11 18O2 PFHxS										
403.00 > 84.00	3.196	3.209	-0.013		16163702	50.2		107	108972	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.196	3.209	-0.013	1.000	1798289	4.31		95.6		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.566	3.576	-0.010	1.000	644930	5.09		108		
D 12 M2-6:2FTS										
429.00 > 409.00	3.566	3.576	-0.010		6186737	47.1		100		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.580	3.595	-0.015	1.000	1692427	4.73		100		
* 62 13C2-PFOA										
415.00 > 370.00	3.580	3.595	-0.015		11640783	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.587	3.601	-0.014		12375651	54.5		110	44352	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.587	3.601	-0.014	1.000	1400741	4.99		101	116	
413.00 > 169.00	3.587	3.601	-0.014	1.000	858239		1.63(0.90-1.10)	101	2710	
D 18 13C4 PFOS										
503.00 > 80.00	3.952	3.966	-0.014		12419687	52.9		112	42243	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.952	3.967	-0.015	1.000	1352424	4.34		94.5	3655	
499.00 > 99.00	3.952	3.967	-0.015	1.000	301029		4.49(0.90-1.10)	94.5	1698	
D 19 13C5 PFNA										
468.00 > 423.00	3.962	3.979	-0.017		9564710	54.8		111	26553	
20 Perfluorononanoic acid										
463.00 > 419.00	3.972	3.981	-0.009	1.000	1071551	5.10		103	1655	
D 21 13C8 FOSA										
506.00 > 78.00	4.280	4.296	-0.016		19086132	51.9		105	20316	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.289	4.297	-0.008	1.000	2169003	5.37		108	32057	
D 26 M2-8:2FTS										
529.00 > 509.00	4.309	4.320	-0.011		4998946	50.2		106		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.309	4.322	-0.013	1.000	543240	5.28		111		
D 23 13C2 PFDA										
515.00 > 470.00	4.309	4.322	-0.013		8289567	55.4		112	5503	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.309	4.323	-0.014	1.000	843818	4.95		100	159	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.458	4.472	-0.014		3405870	51.6		104		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.468	4.478	-0.010	1.002	336567	4.86		98.2		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.588	4.598	-0.010	1.000	840497	4.61		96.6		
D 30 13C2 PFUnA										
565.00 > 520.00	4.614	4.624	-0.010		6126225	54.6		110	11297	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.614	4.625	-0.011	1.000	692202	4.76		96.2	2131	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.614	4.627	-0.013		3458142	53.8		109		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.622	4.635	-0.013	1.002	327150	4.90		99.1		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.740	4.750	-0.010		4950944	50.0		101		
35 MeFOSA										
512.00 > 169.00	4.740	4.755	-0.015	1.000	476093	4.94		99.9		
D 36 13C2 PFDoA										
615.00 > 570.00	4.885	4.895	-0.010		5555241	51.0		103	5550	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.885	4.895	-0.010	1.000	603161	5.30		107	26.5	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.903	4.915	-0.012		4780350	49.8		101		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.912	4.922	-0.010	1.000	497504	5.05		102		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.130	5.139	-0.009	1.000	591927	5.25		106	25.2	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.346	5.357	-0.011		11183033	51.9		105	9505	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.346	5.357	-0.011	1.000	1210978	5.21		105	17.3	
713.00 > 169.00	5.346	5.357	-0.011	1.000	178939		6.77(0.00-0.00)	105	644	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.730	5.742	-0.012		6193222	51.5		104	1817	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.738	5.743	-0.005	1.000	686588	5.22		106	21.4	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.134	6.143	-0.009	1.000	699047	4.94		99.8	20.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L3_00002 Amount Added: 1.00 Units: mL

Report Date: 23-May-2017 08:42:41 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_005.d

Injection Date: 22-May-2017 18:56:59 Instrument ID: A8_N

Lims ID: IC L3 Full

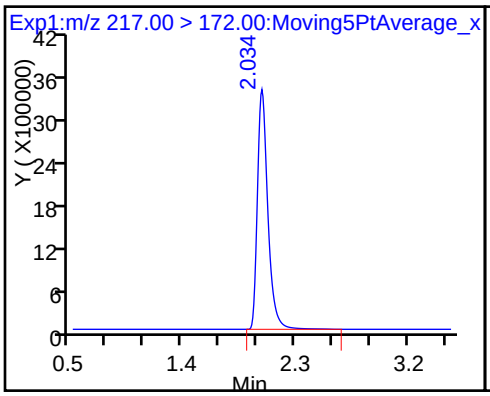
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 30 Worklist Smp#: 5

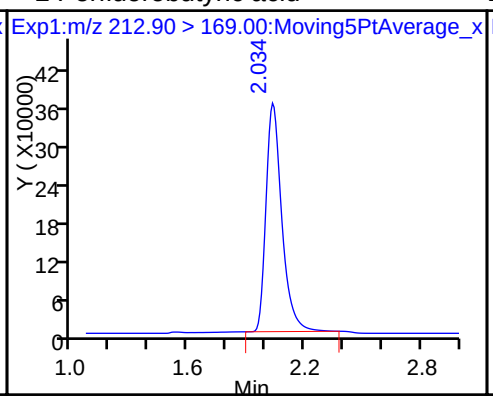
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

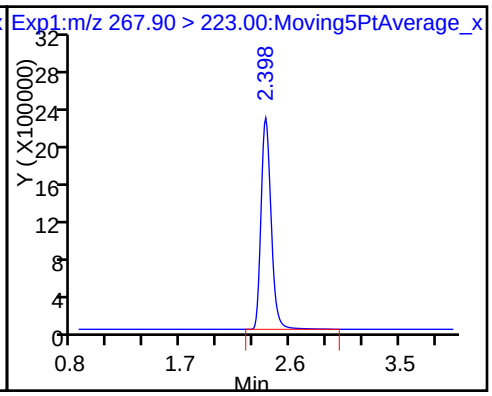
D 1 13C4 PFBA



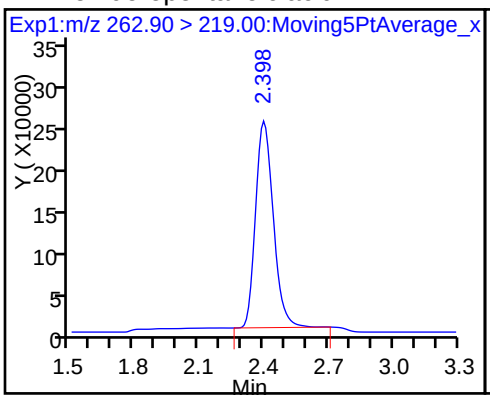
2 Perfluorobutyric acid



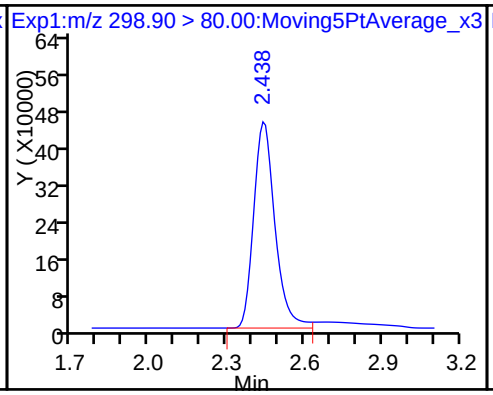
D 3 13C5-PFPeA



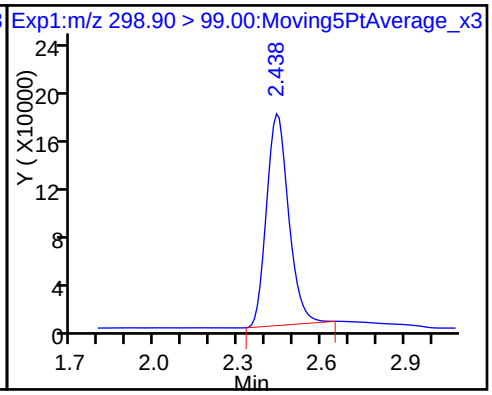
4 Perfluoropentanoic acid



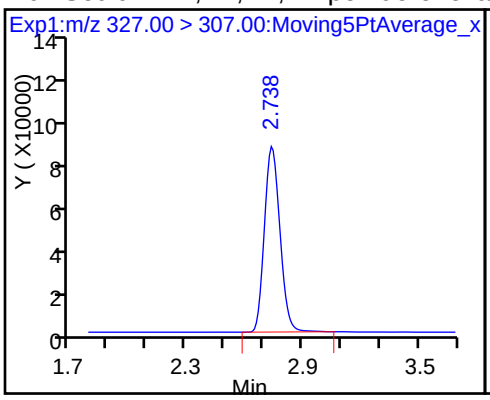
5 Perfluorobutanesulfonic acid



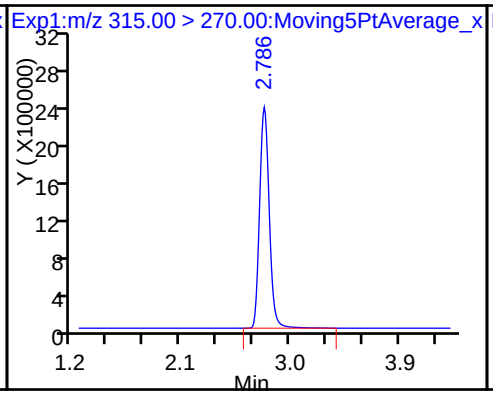
5 Perfluorobutanesulfonic acid



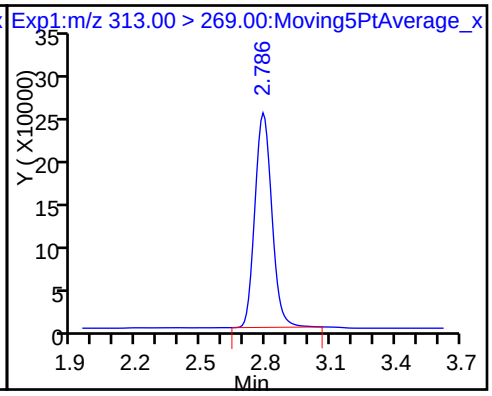
61 Sodium 1H,1H,2H,2H-perfluorohexane



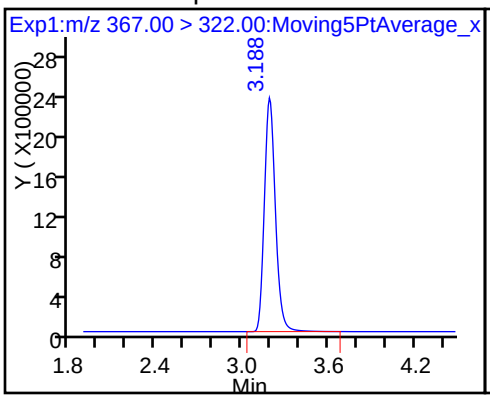
D 7 13C2 PFHxA



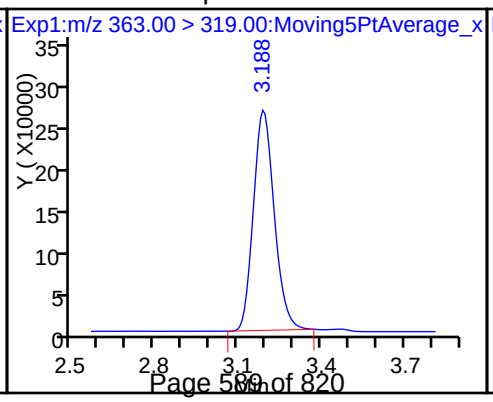
6 Perfluorohexanoic acid



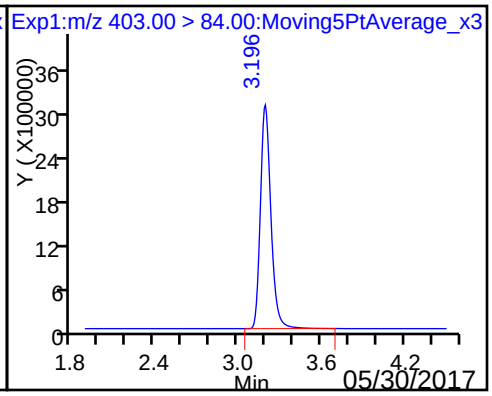
D 9 13C4-PFHpA



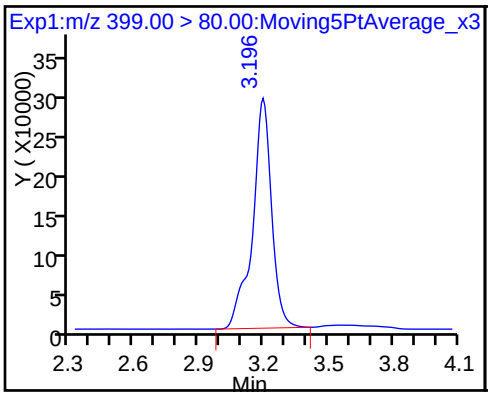
10 Perfluoroheptanoic acid



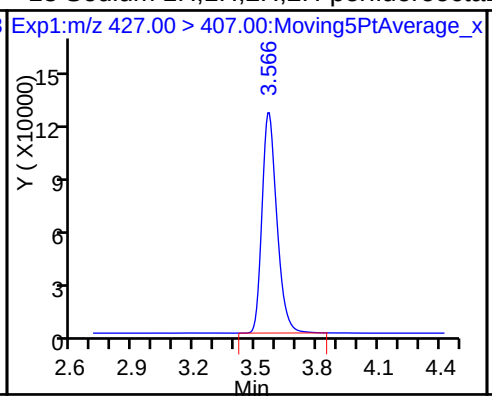
D 11 18O2 PFHxS



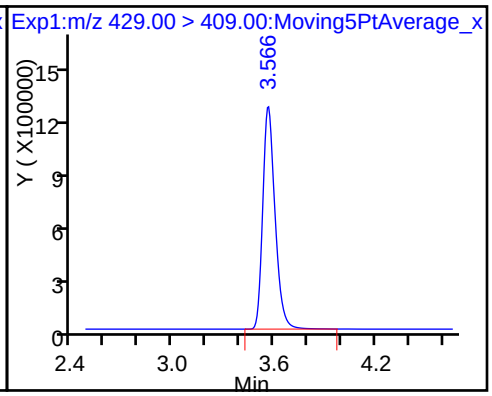
8 Perfluorohexanesulfonic acid



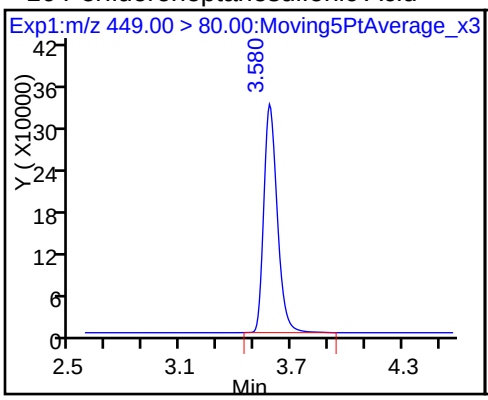
13 Sodium 1H,1H,2H,2H-perfluorooctane



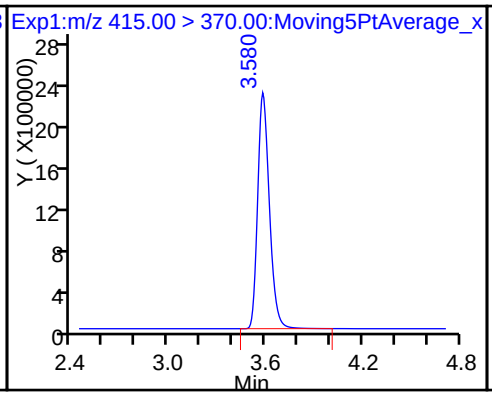
D 12 M2-6:2FTS



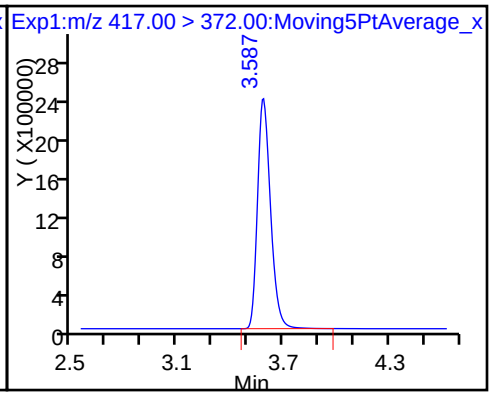
16 Perfluoroheptanesulfonic Acid



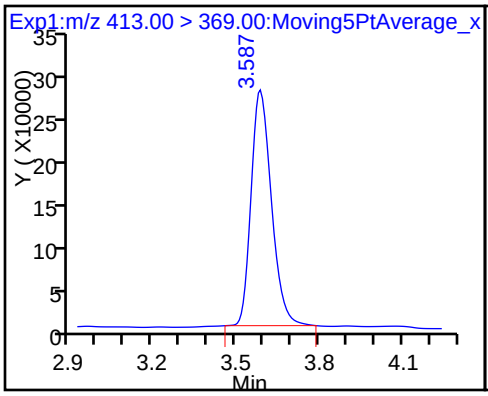
* 62 13C2-PFOA



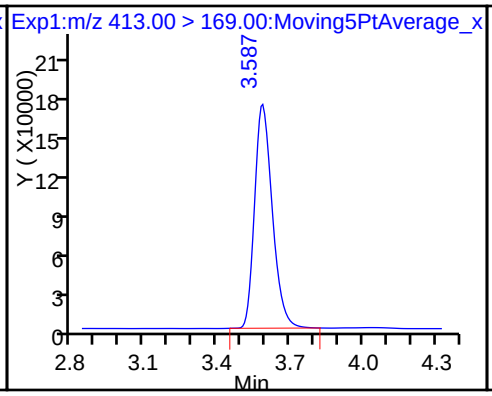
D 14 13C4 PFOA



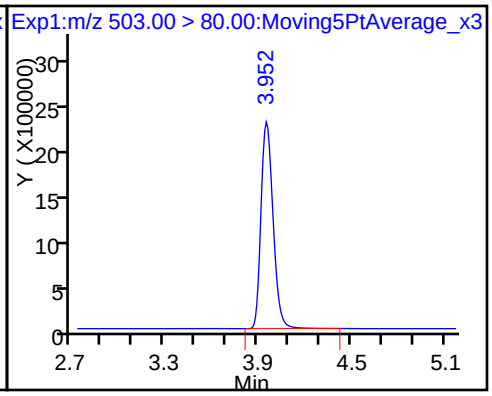
15 Perfluorooctanoic acid



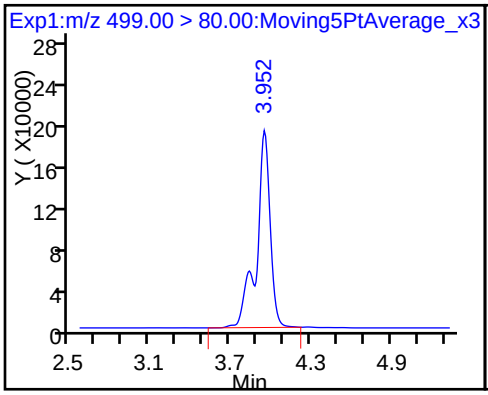
15 Perfluorooctanoic acid



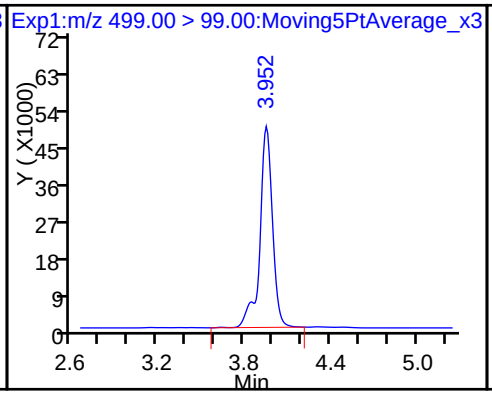
D 18 13C4 PFOS



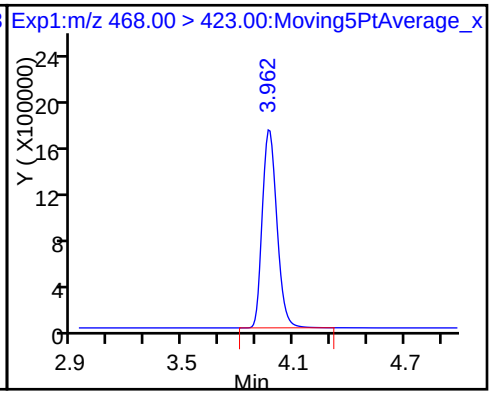
17 Perfluorooctane sulfonic acid



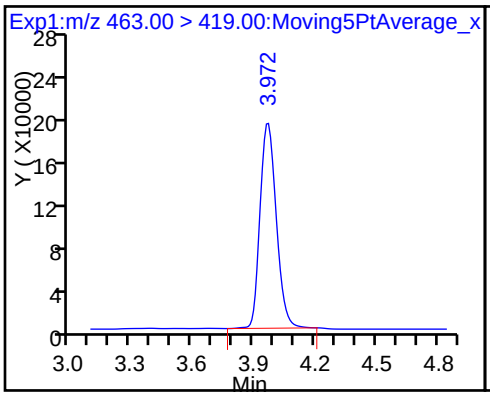
17 Perfluorooctane sulfonic acid



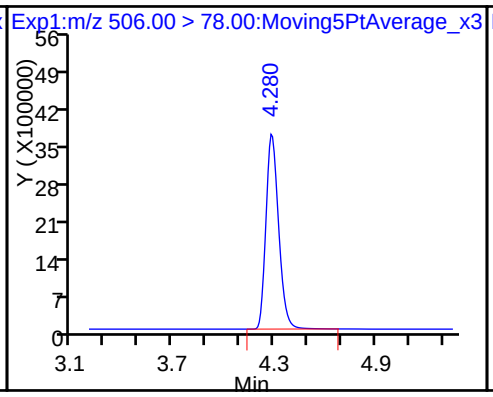
D 19 13C5 PFNA



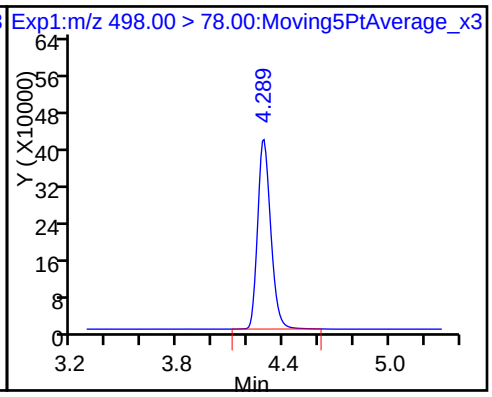
20 Perfluorononanoic acid



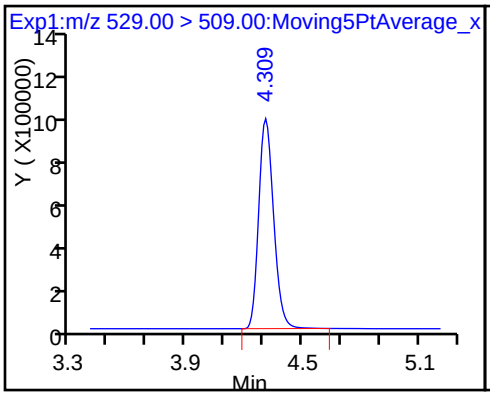
D 21 13C8 FOSA



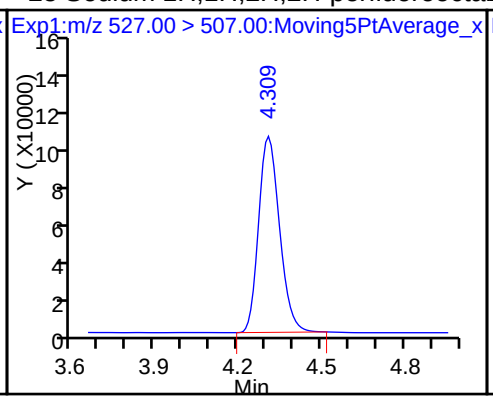
22 Perfluorooctane Sulfonamide



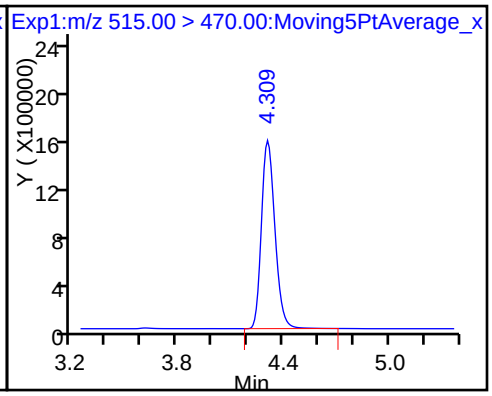
D 26 M2-8:2FTS



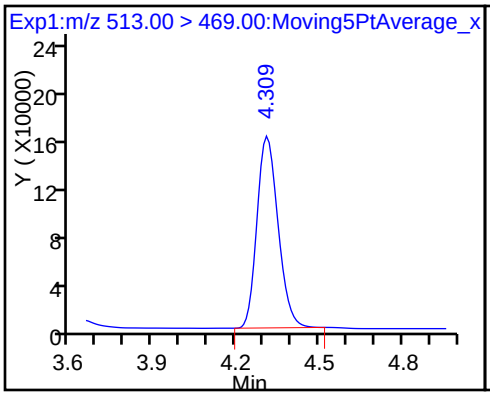
25 Sodium 1H,1H,2H,2H-perfluorooctane



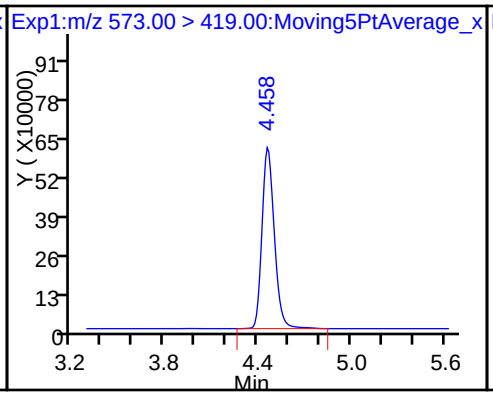
D 23 13C2 PFDA



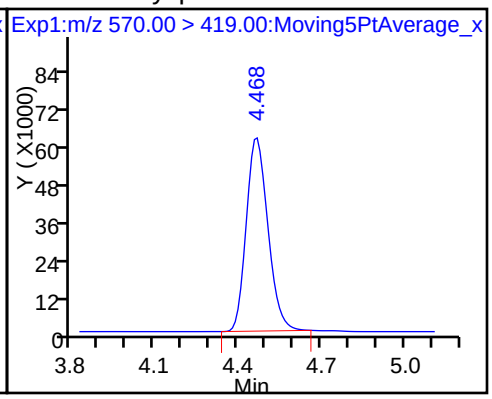
24 Perfluorodecanoic acid



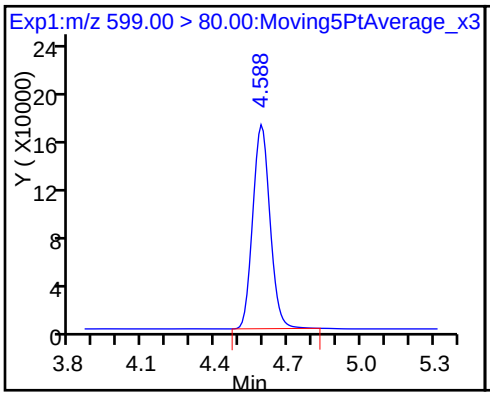
D 27 d3-NMeFOSAA



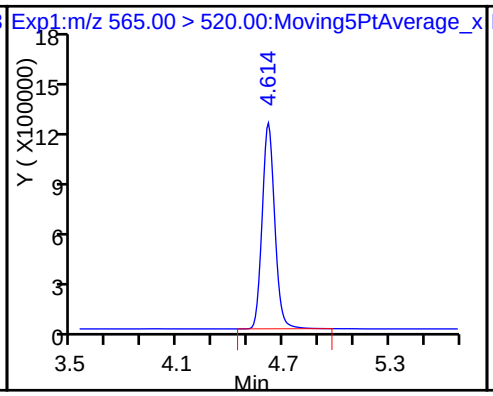
28 N-methyl perfluorooctane sulfonami



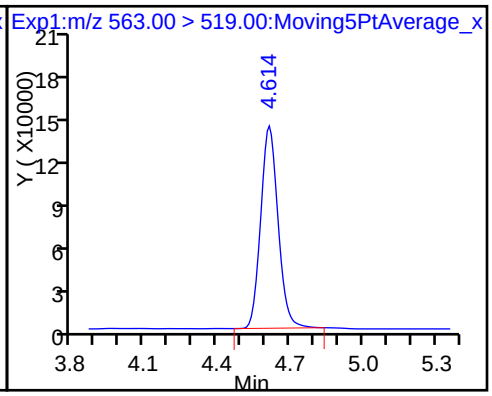
29 Perfluorodecane Sulfonic acid



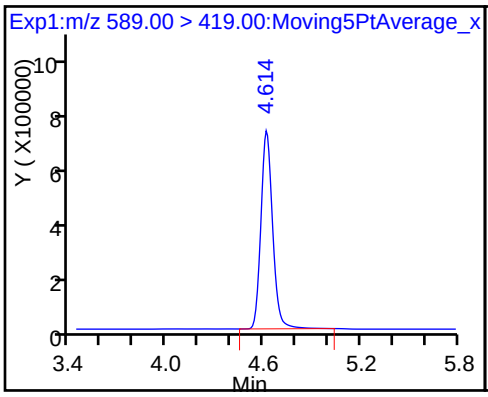
D 30 13C2 PFUnA



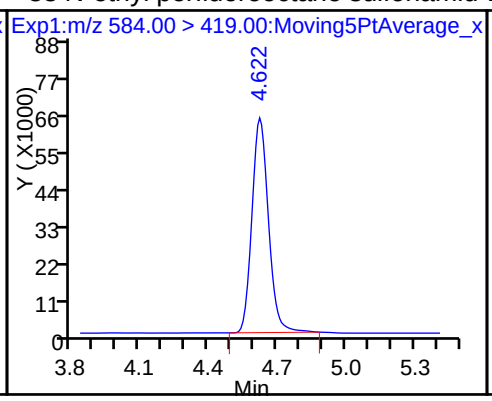
31 Perfluoroundecanoic acid



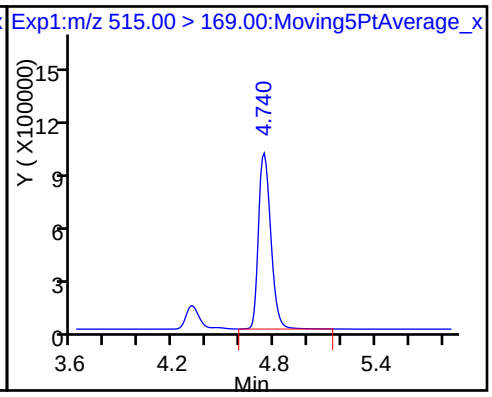
D 32 d5-NEtFOSAA



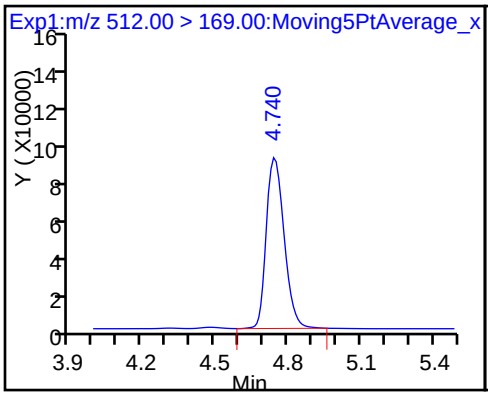
33 N-ethyl perfluorooctane sulfonamid



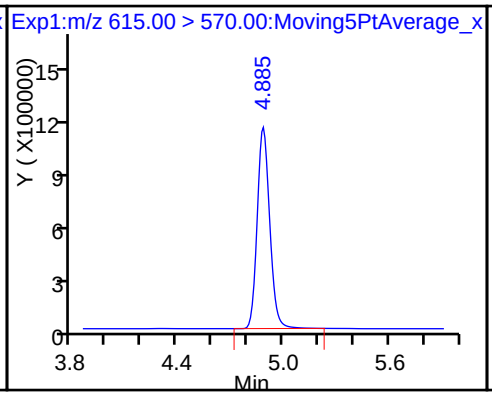
D 34 d-N-MeFOSA-M



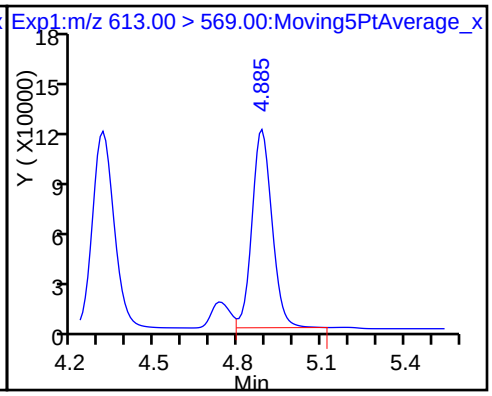
35 MeFOSA



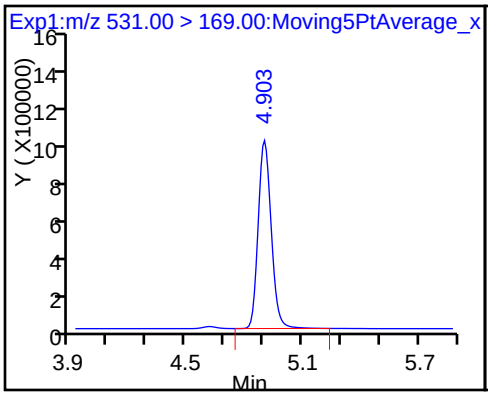
D 36 13C2 PFDoA



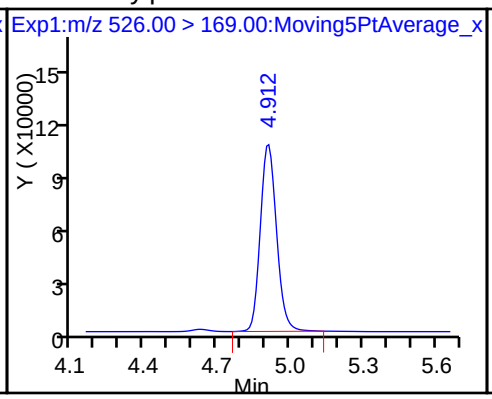
37 Perfluorododecanoic acid



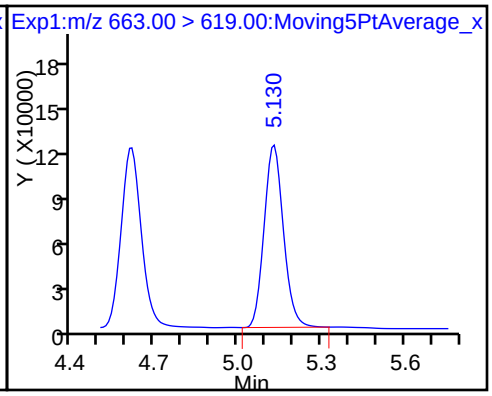
D 38 d-N-EtFOSA-M



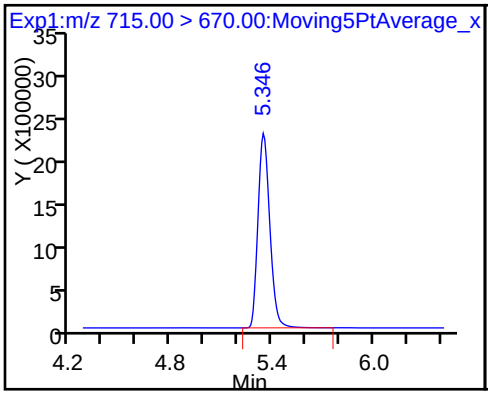
39 N-ethylperfluoro-1-octanesulfonami



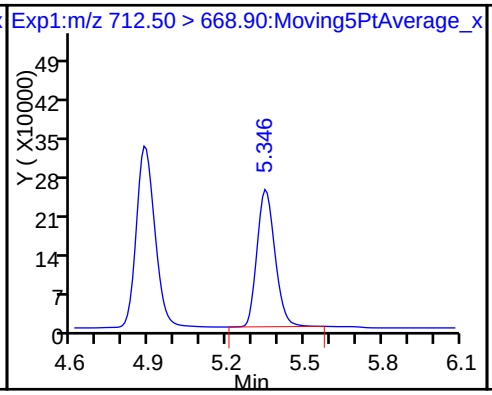
41 Perfluorotridecanoic acid



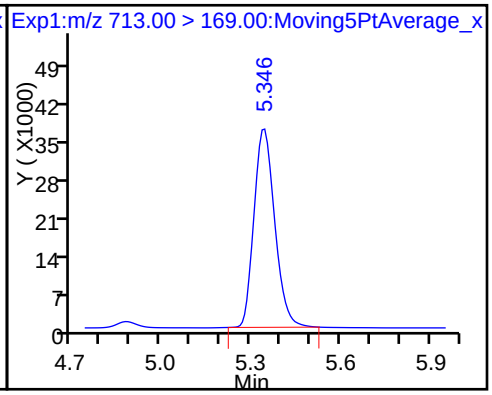
D 43 13C2-PFTeDA



42 Perfluorotetradecanoic acid

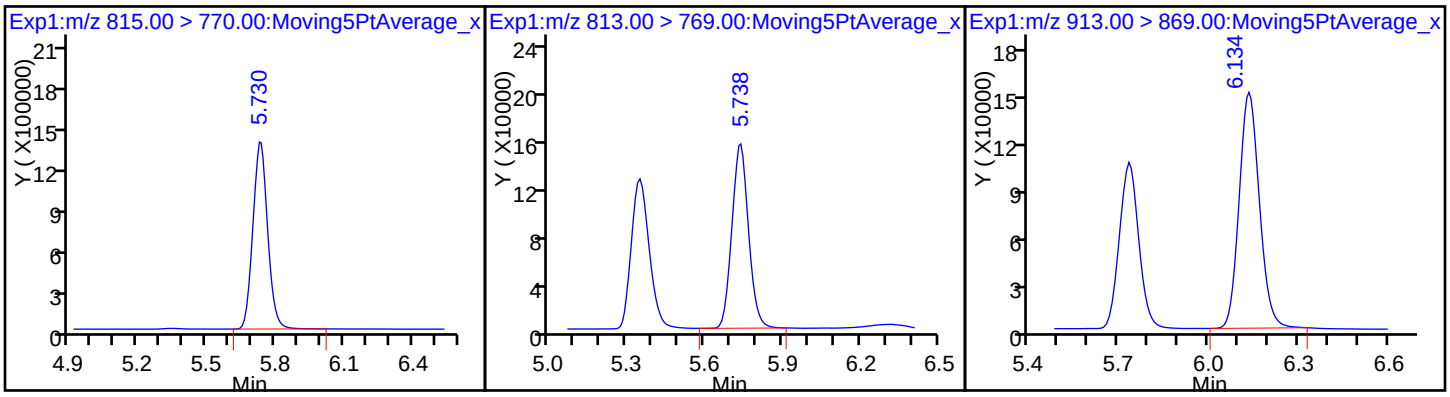


42 Perfluorotetradecanoic acid



Report Date: 23-May-2017 08:42:41 Chrom Revision: 2.2 25-Apr-2017 13:27:22
Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_005.d

D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_006.d
Lims ID: IC L4 Full
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-May-2017 19:04:30 ALS Bottle#: 31 Worklist Smp#: 6
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: L4-FULL
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 23-May-2017 08:42:43 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK028

First Level Reviewer: westendorfc Date: 23-May-2017 08:21:30

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.042	2.040	0.002		18474348	49.6		100	177375	
2 Perfluorobutyric acid										
212.90 > 169.00	2.042	2.044	-0.002	1.000	7877767	21.0		106	6220	
D 3 13C5-PFPeA										
267.90 > 223.00	2.408	2.408	0.0		12347367	50.1		101	293938	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.408	2.410	-0.002	1.000	5541269	20.5		104	1620	
D 47 13C3-PFBS										
301.90 > 83.00	2.448	2.448	0.0		310679	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.448	2.452	-0.004	1.000	9860190	19.3		110		
298.90 > 99.00	2.448	2.452	-0.004	1.000	4012456		2.46(0.00-0.00)	110		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.751	2.748	0.003	1.000	1950166	17.2		92.7		
6 Perfluorohexanoic acid										
313.00 > 269.00	2.799	2.799	0.0	1.000	5092358	19.9		100	9179	
D 7 13C2 PFHxA										
315.00 > 270.00	2.799	2.799	0.0		12242347	50.1		101	267940	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.209	3.203	0.006	1.000	5159865	20.4		103	2026	
D 9 13C4-PFHpA										
367.00 > 322.00	3.209	3.203	0.006		11405067	51.0		103	43336	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.209	3.209	0.0	1.000	6928848	17.7		98.2		
D 11 18O2 PFHxS										
403.00 > 84.00	3.209	3.209	0.0		15153103	47.0		100	551369	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2FTS										
429.00 > 409.00	3.584	3.576	0.008		7301148	55.6		118		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.584	3.576	0.008	1.000	2926960	19.6		104		
* 62 13C2-PFOA										
415.00 > 370.00	3.601	3.595	0.006		11759205	49.5				
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.601	3.595	0.006	1.000	6466937	19.7		104		
15 Perfluorooctanoic acid										
413.00 > 369.00	3.610	3.601	0.009	1.000	5516810	20.3		102	465	
413.00 > 169.00	3.610	3.601	0.009	1.000	3309836		1.67(0.90-1.10)	102	10435	
D 14 13C4 PFOA										
417.00 > 372.00	3.610	3.601	0.009		12000973	52.9		107	57092	
D 18 13C4 PFOS										
503.00 > 80.00	3.972	3.966	0.006		11399730	48.6		103	16122	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.972	3.967	0.005	1.000	5220228	18.3		99.4	7326	
499.00 > 99.00	3.972	3.967	0.005	1.000	1150579		4.54(0.90-1.10)	99.4	4859	
D 19 13C5 PFNA										
468.00 > 423.00	3.983	3.979	0.004		8877067	50.9		103	30006	
20 Perfluorononanoic acid										
463.00 > 419.00	3.983	3.981	0.002	1.000	3889974	19.9		101	3305	
D 21 13C8 FOSA										
506.00 > 78.00	4.303	4.296	0.007		18610902	50.6		102	20119	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.303	4.297	0.006	1.000	8131898	20.6		104	15951	
D 26 M2-8:2FTS										
529.00 > 509.00	4.325	4.320	0.005		4746132	47.6		100		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.325	4.322	0.003	1.000	1836951	18.8		99.2		
D 23 13C2 PFDA										
515.00 > 470.00	4.325	4.322	0.003		7477625	50.0		101	4077	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.325	4.323	0.002	1.000	3091638	20.1		102	382	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.484	4.472	0.012		3351061	50.8		103		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.484	4.478	0.006	1.000	1319337	19.4		97.8		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.603	4.598	0.005	1.000	3301006	19.7		103		
D 30 13C2 PFUnA										
565.00 > 520.00	4.629	4.624	0.005		5722034	51.0		103	9126	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.629	4.625	0.004	1.000	2683789	19.8		99.9	9979	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.629	4.627	0.002		3220459	50.1		101		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.640	4.635	0.005	1.002	1270688	20.5		103		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.752	4.750	0.002		4961666	50.1		101		
35 MeFOSA										
512.00 > 169.00	4.763	4.755	0.008	1.000	1939572	20.1		101		
37 Perfluorododecanoic acid										
613.00 > 569.00	4.901	4.895	0.006	1.000	2230341	20.0		101	136	
D 36 13C2 PFDoA										
615.00 > 570.00	4.901	4.895	0.006		5434290	49.9		101	3932	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.919	4.915	0.004		4753712	49.6		100		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.928	4.922	0.006	1.000	1983991	20.3		102		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.147	5.139	0.008	1.000	2268888	20.6		104	113	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.365	5.357	0.008	1.000	4730974	21.0		106	62.1	
713.00 > 169.00	5.356	5.357	-0.001	0.998	692980		6.83(0.00-0.00)	106	2112	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.365	5.357	0.008		10945258	50.8		103	6778	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.745	5.742	0.003		5945062	49.4		99.9	1534	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.745	5.743	0.002	1.000	2359088	20.1		101	67.9	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.147	6.143	0.004	1.000	2721484	19.7		99.3	75.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L4_00002 Amount Added: 1.00 Units: mL

Report Date: 23-May-2017 08:42:44 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_006.d

Injection Date: 22-May-2017 19:04:30 Instrument ID: A8_N

Lims ID: IC L4 Full

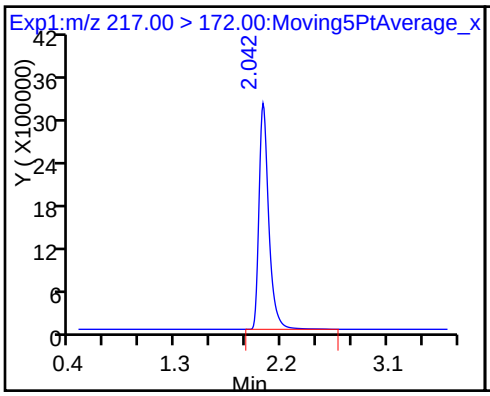
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 31 Worklist Smp#: 6

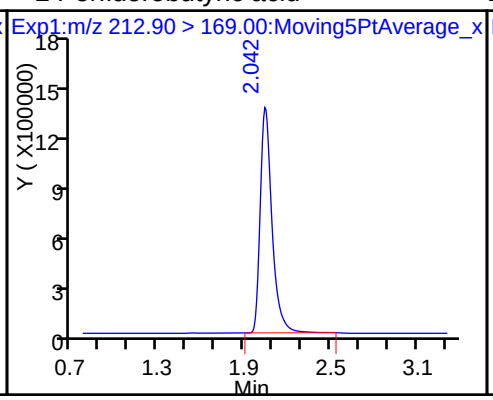
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

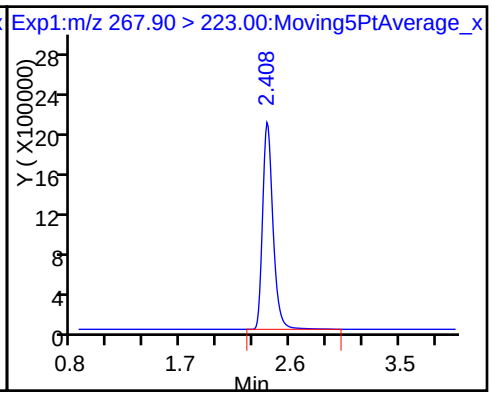
D 1 13C4 PFBA



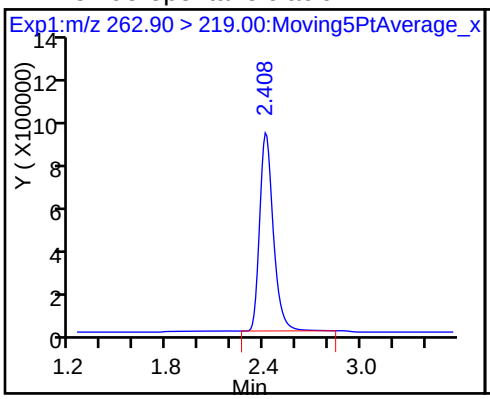
2 Perfluorobutyric acid



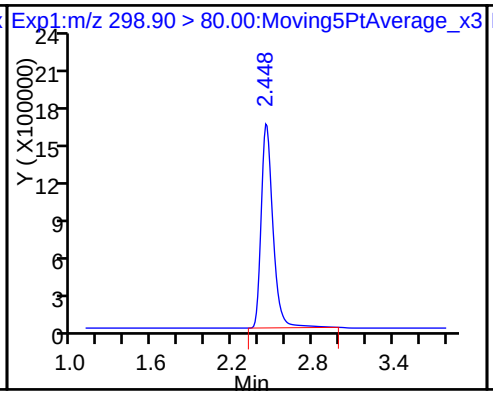
D 3 13C5-PFPeA



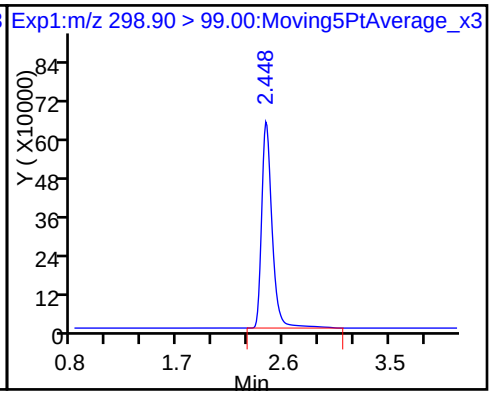
4 Perfluoropentanoic acid



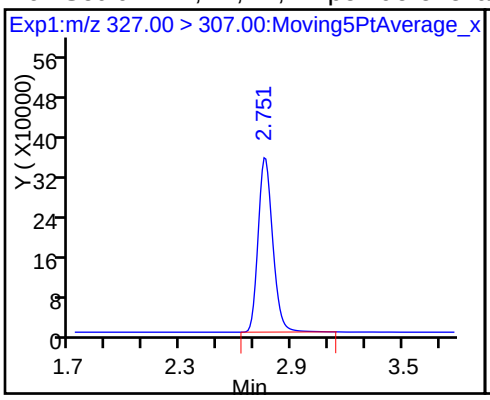
5 Perfluorobutanesulfonic acid



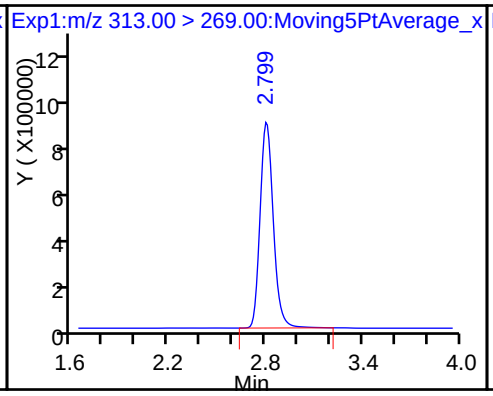
5 Perfluorobutanesulfonic acid



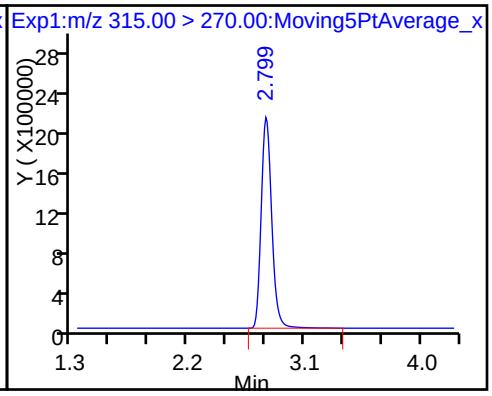
61 Sodium 1H,1H,2H,2H-perfluorohexane



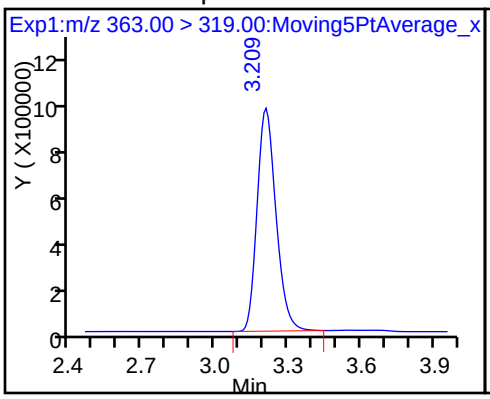
6 Perfluorohexanoic acid



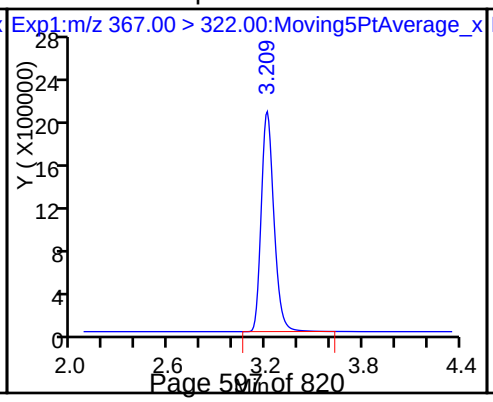
D 7 13C2 PFHxA



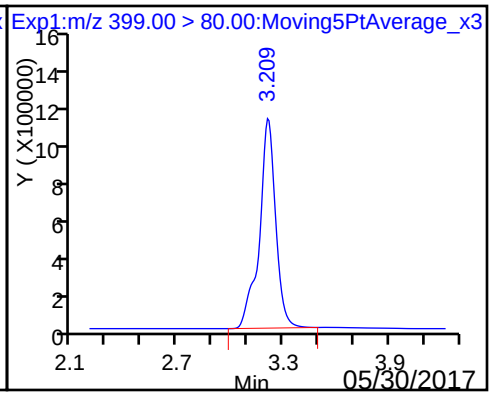
10 Perfluoroheptanoic acid



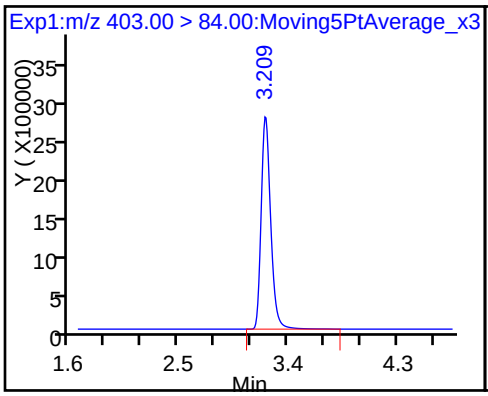
D 9 13C4-PFHpA



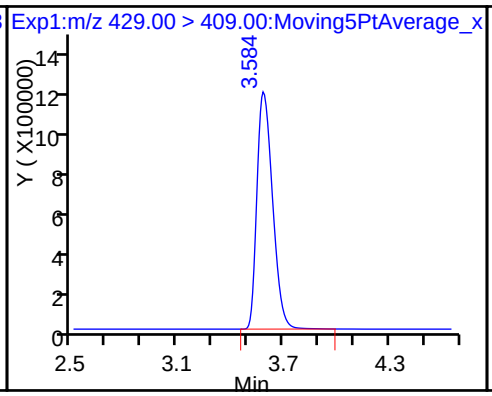
8 Perfluorohexanesulfonic acid



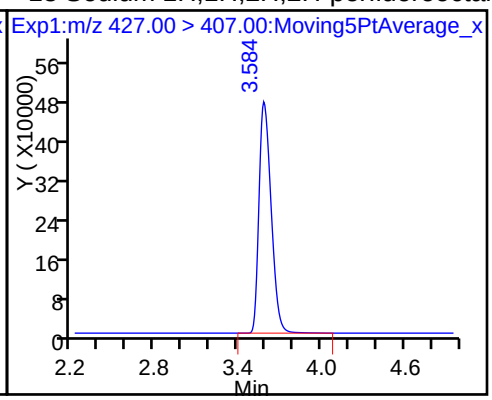
D 11 18O2 PFHxS



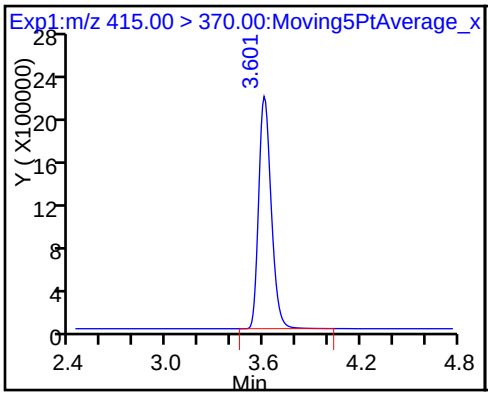
D 12 M2-6:2FTS



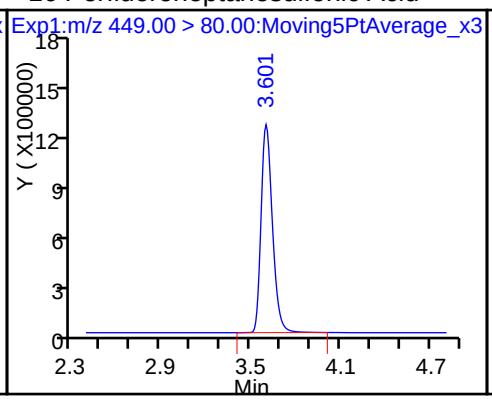
13 Sodium 1H,1H,2H,2H-perfluorooctane



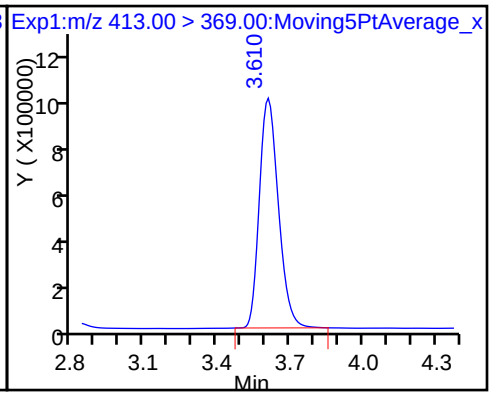
* 62 13C2-PFOA



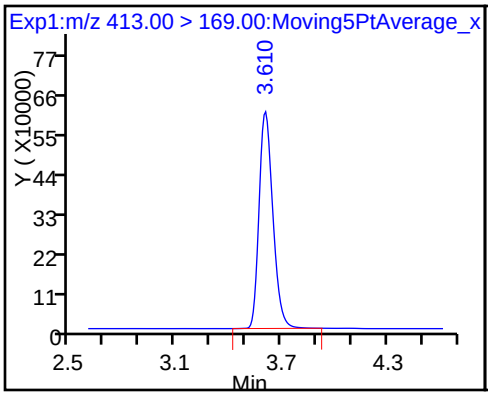
16 Perfluoroheptanesulfonic Acid



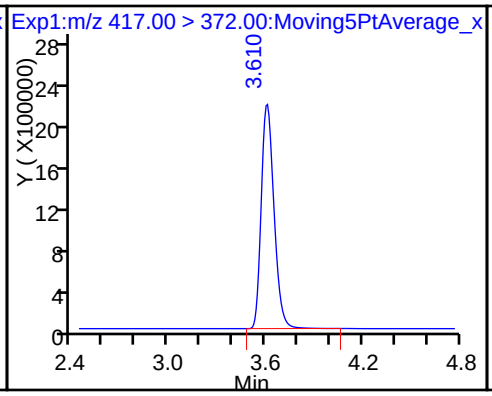
15 Perfluorooctanoic acid



15 Perfluorooctanoic acid



D 14 13C4 PFOA



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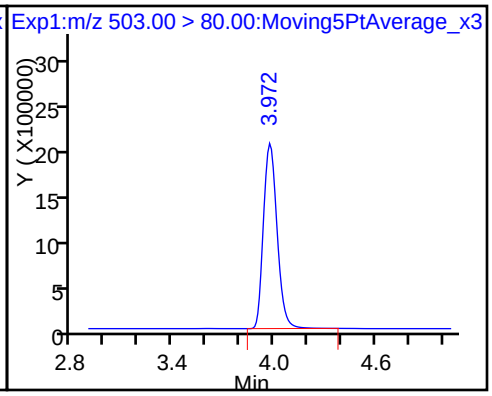
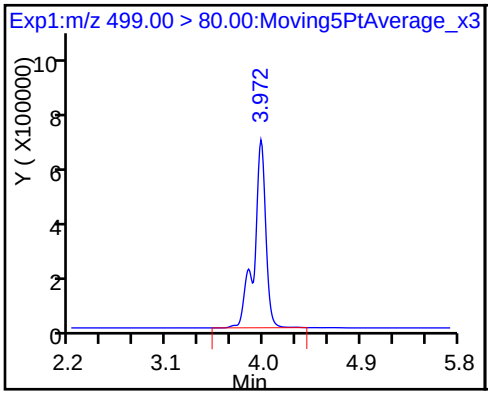
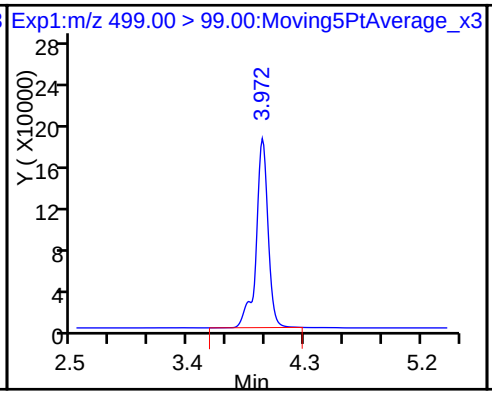


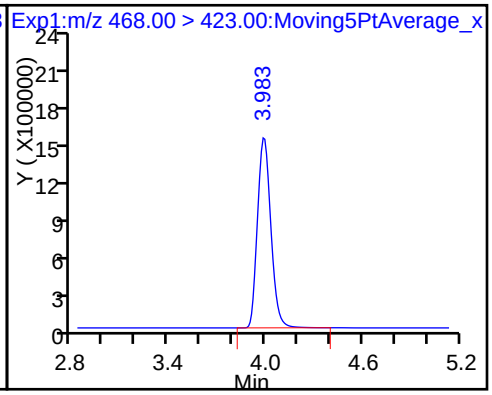
17 Perfluorooctane sulfonic acid



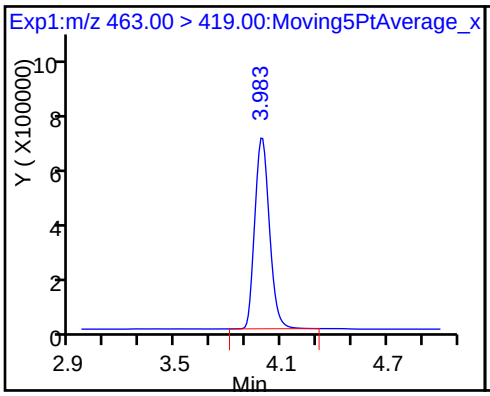
17 Perfluorooctane sulfonic acid



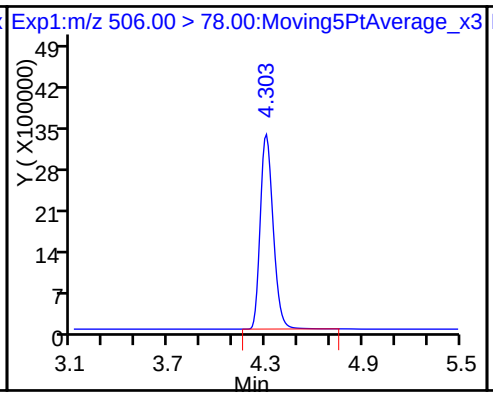
D 19 13C5 PFNA



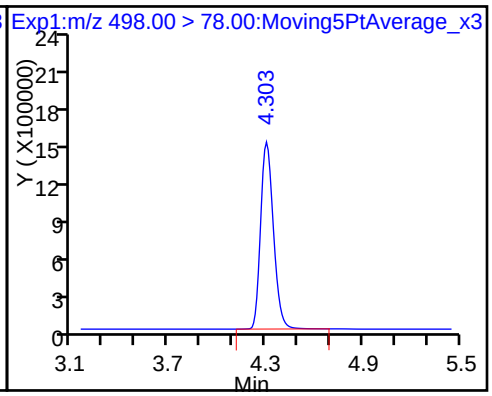
20 Perfluorononanoic acid



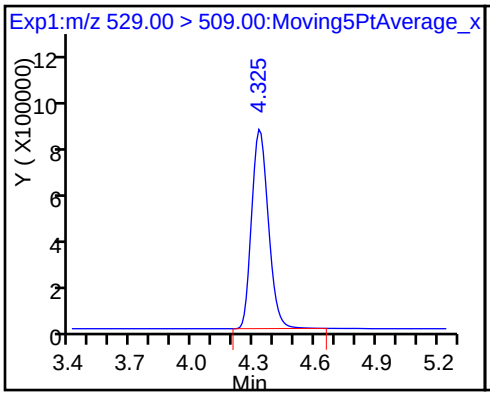
D 21 13C8 FOSA



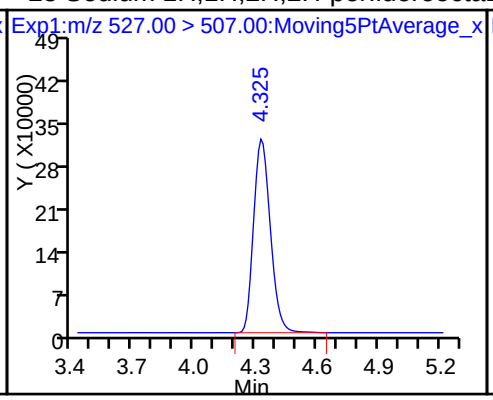
22 Perfluorooctane Sulfonamide



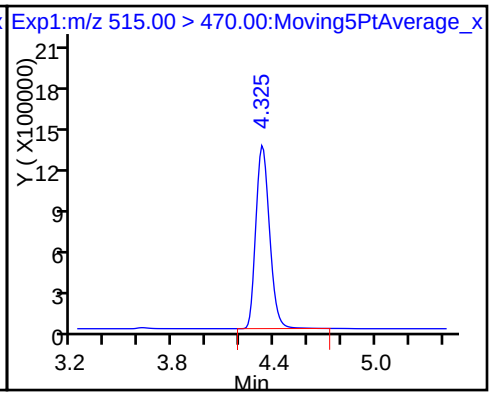
D 26 M2-8:2FTS



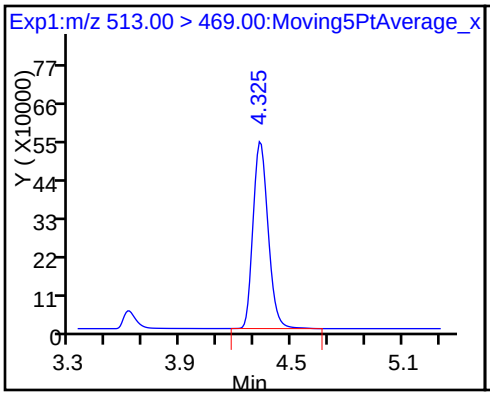
25 Sodium 1H,1H,2H,2H-perfluorooctane



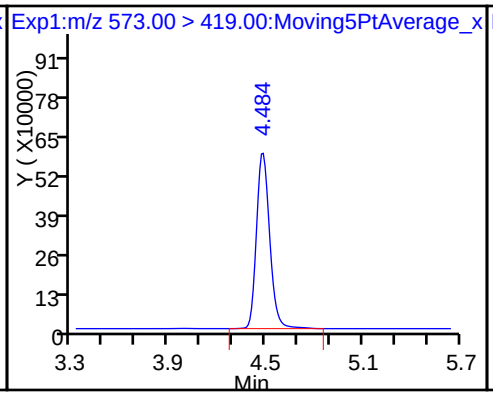
D 23 13C2 PFDA



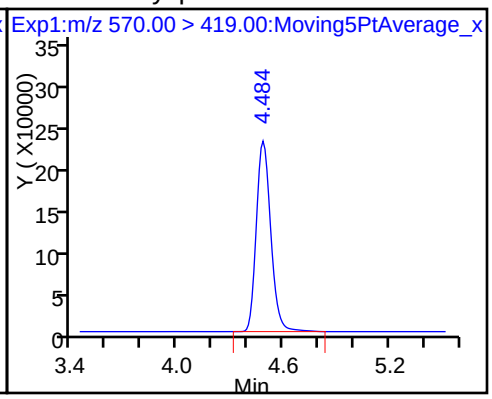
24 Perfluorodecanoic acid



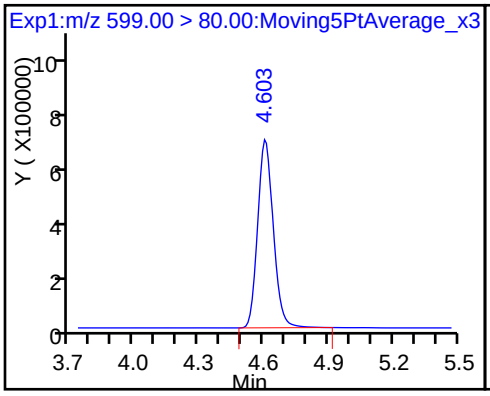
D 27 d3-NMeFOSAA



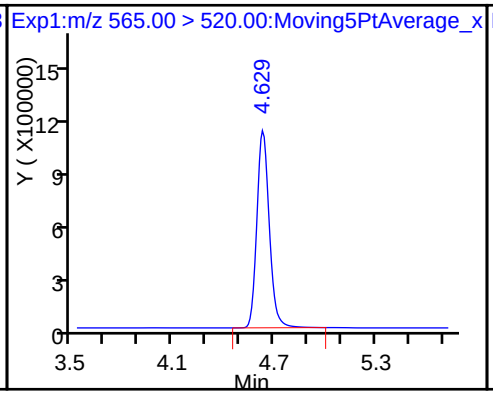
28 N-methyl perfluorooctane sulfonami



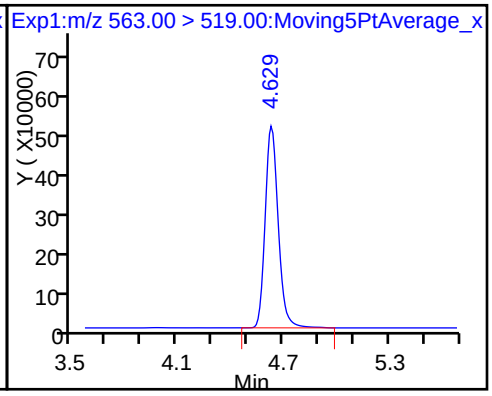
29 Perfluorodecane Sulfonic acid



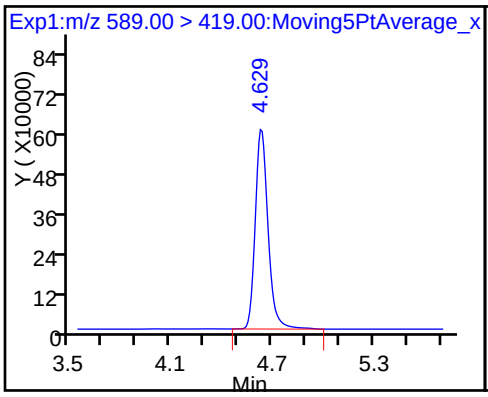
D 30 13C2 PFUnA



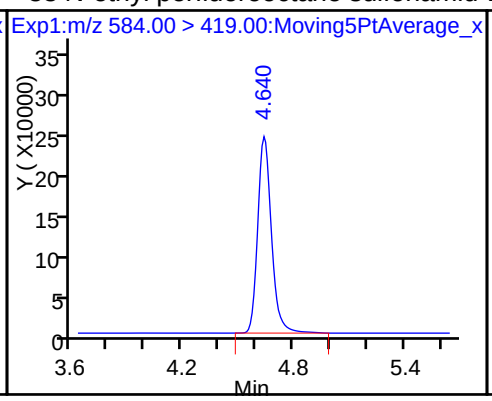
31 Perfluoroundecanoic acid



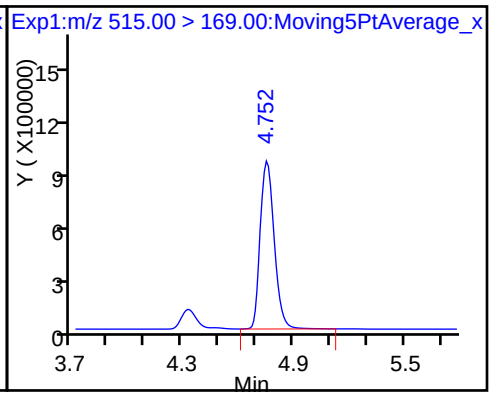
D 32 d5-NEtFOSAA



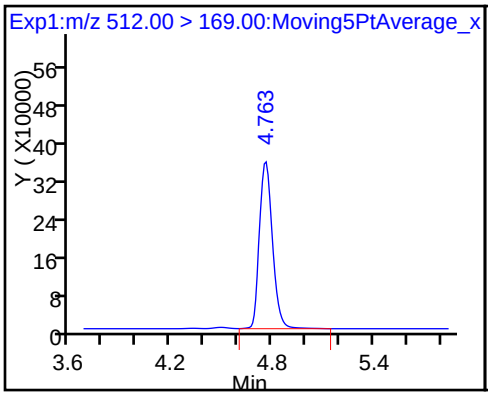
33 N-ethyl perfluorooctane sulfonamid



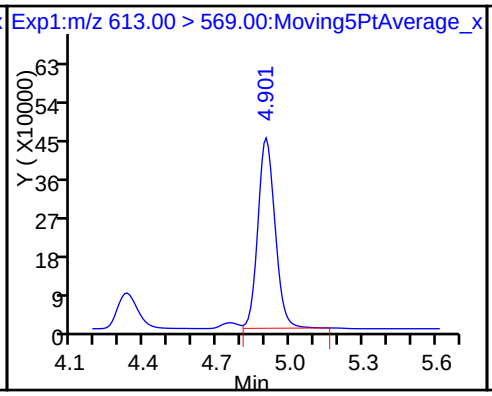
D 34 d-N-MeFOSA-M



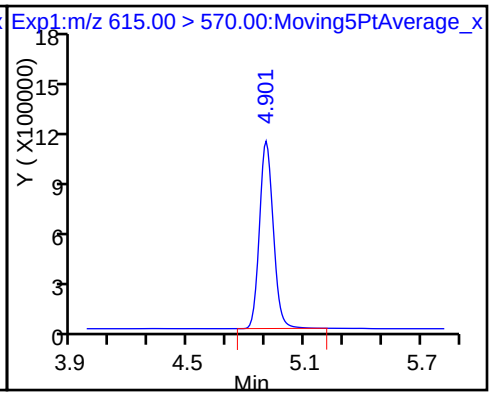
35 MeFOSA



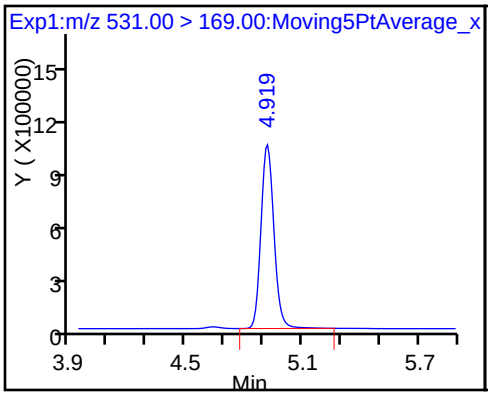
37 Perfluorododecanoic acid



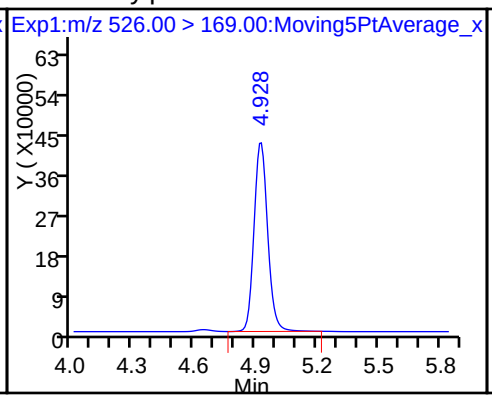
D 36 13C2 PFDoA



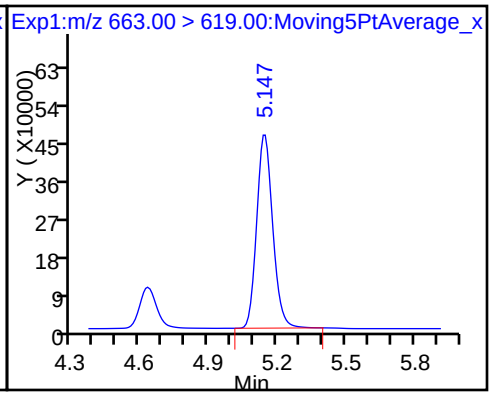
D 38 d-N-EtFOSA-M



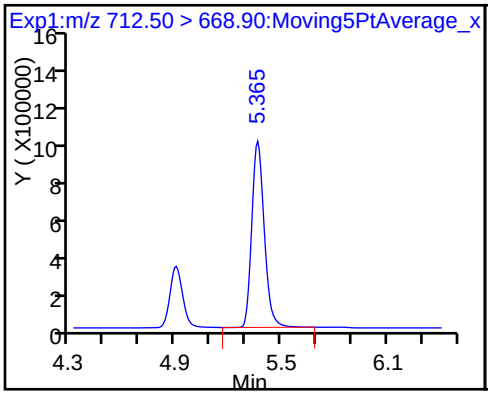
39 N-ethylperfluoro-1-octanesulfonami



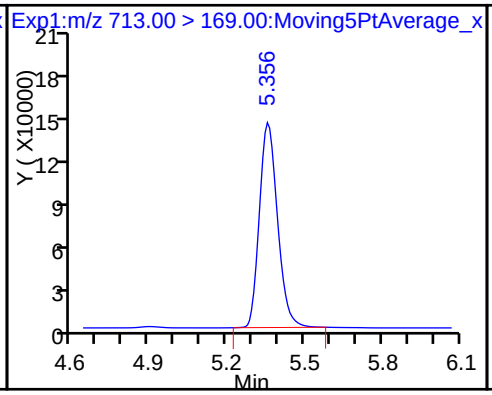
41 Perfluorotridecanoic acid



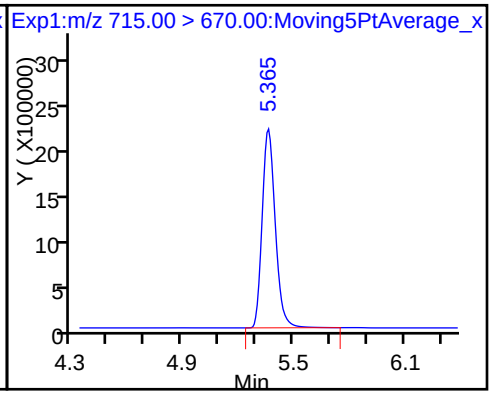
42 Perfluorotetradecanoic acid



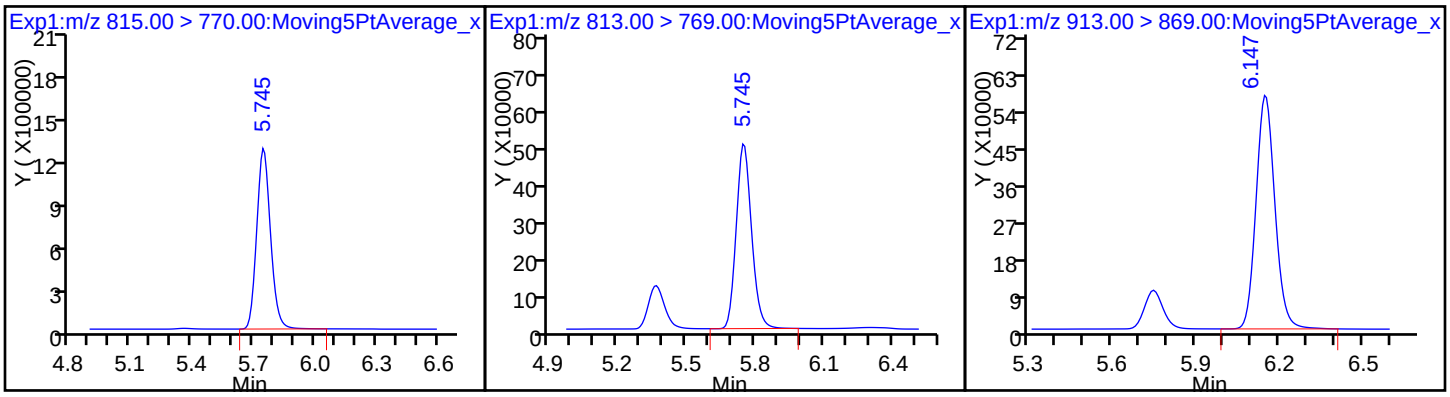
42 Perfluorotetradecanoic acid



D 43 13C2-PFTeDA



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_007.d
Lims ID: IC L5 Full
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 22-May-2017 19:12:00 ALS Bottle#: 32 Worklist Smp#: 7
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: L5-FULL
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 23-May-2017 08:42:46 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK028

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.034	2.040	-0.006		18663547	50.1		101	93114	
2 Perfluorobutyric acid										
212.90 > 169.00	2.043	2.044	-0.001	1.000	19325461	51.1		103	11042	
D 3 13C5-PFPeA										
267.90 > 223.00	2.399	2.408	-0.009		12283512	49.8		101	127653	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.409	2.410	-0.001	1.000	13133534	48.8		98.7	3630	
D 47 13C3-PFBS										
301.90 > 83.00	2.439	2.448	-0.009		305570	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.449	2.452	-0.003	1.000	23586758	44.7		102		
298.90 > 99.00	2.449	2.452	-0.003	1.000	9947714		2.37(0.00-0.00)	102		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.743	2.748	-0.005	1.000	4476458	41.3		89.2		
D 7 13C2 PFHxA										
315.00 > 270.00	2.791	2.799	-0.008		11870309	48.6		98.1	47069	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.791	2.799	-0.008	1.000	12672346	51.0		103	23908	
D 9 13C4-PFHpA										
367.00 > 322.00	3.198	3.203	-0.005		10833513	48.4		97.8	74083	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.198	3.203	-0.005	1.000	11942089	49.8		101	3985	
D 11 18O2 PFHxS										
403.00 > 84.00	3.198	3.209	-0.011		15617682	48.5		104	235318	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.198	3.209	-0.011	1.000	17676839	43.8		97.3		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.573	3.576	-0.003	1.000	6610589	46.3		98.8		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2FTS										
429.00 > 409.00	3.573	3.576	-0.003		6966357	53.0		113		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.588	3.595	-0.007	1.000	16075546	50.9		108		
* 62 13C2-PFOA										
415.00 > 370.00	3.588	3.595	-0.007		11194388	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.596	3.601	-0.005		12172287	53.6		108	41308	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.596	3.601	-0.005	1.000	13288734	48.1		97.2	1084	
413.00 > 169.00	3.596	3.601	-0.005	1.000	8002829		1.66(0.90-1.10)	97.2	14801	
D 18 13C4 PFOS										
503.00 > 80.00	3.957	3.966	-0.009		10943171	46.6		98.5	11776	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.957	3.967	-0.010	1.000	12883372	47.0		102	9621	
499.00 > 99.00	3.957	3.967	-0.010	1.000	2850850		4.52(0.90-1.10)	102	10031	
D 19 13C5 PFNA										
468.00 > 423.00	3.979	3.979	0.0		8477429	48.6		98.1	23108	
20 Perfluorononanoic acid										
463.00 > 419.00	3.979	3.981	-0.002	1.000	9267999	49.8		101	8918	
D 21 13C8 FOSA										
506.00 > 78.00	4.288	4.296	-0.008		19564534	53.2		107	78601	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.288	4.297	-0.009	1.000	19411569	46.9		94.7	226868	
D 26 M2-8:2FTS										
529.00 > 509.00	4.322	4.320	0.002		4787380	48.1		101		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.322	4.322	0.0	1.000	4822527	49.0		103		
D 23 13C2 PFDA										
515.00 > 470.00	4.322	4.322	0.0		7255070	48.5		98.0	4950	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.322	4.323	-0.001	1.000	7772525	52.1		105	1437	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.463	4.472	-0.009		3378303	51.2		103		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.473	4.478	-0.005	1.002	3424676	49.8		101		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.595	4.598	-0.003	1.000	8267758	51.5		108		
D 30 13C2 PFUnA										
565.00 > 520.00	4.623	4.624	-0.001		5372840	47.9		96.7	7180	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.623	4.625	-0.002	1.000	6234397	48.9		98.8	6027	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.623	4.627	-0.004		3229653	50.3		102		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.632	4.635	-0.003	1.002	3088961	49.6		100		
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.742	4.750	-0.008		5308156	53.6		108		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
35 MeFOSA										
512.00 > 169.00	4.754	4.755	-0.001	1.000	5046570	48.9		98.7		
D 36 13C2 PFDoA										
615.00 > 570.00	4.891	4.895	-0.004		5570064	51.2		103	6728	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.891	4.895	-0.004	1.000	5637879	49.4		99.8	293	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.910	4.915	-0.005		5035235	52.5		106		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.919	4.922	-0.003	1.000	5003258	48.3		97.5		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.135	5.139	-0.004	1.000	5581442	49.4		99.8	255	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.353	5.357	-0.004		10899088	50.6		102	7094	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.353	5.357	-0.004	1.000	11884827	51.6		104	171	
713.00 > 169.00	5.353	5.357	-0.004	1.000	1669325		7.12(0.00-0.00)	104	4857	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.740	5.742	-0.002		6350689	52.8		107	1752	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.740	5.743	-0.003	1.000	5867704	49.6		100	174	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.144	6.143	0.001	1.000	6182845	43.6		88.1	177	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L5_00002 Amount Added: 1.00 Units: mL

Report Date: 23-May-2017 08:42:46 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_007.d

Injection Date: 22-May-2017 19:12:00 Instrument ID: A8_N

Lims ID: IC L5 Full

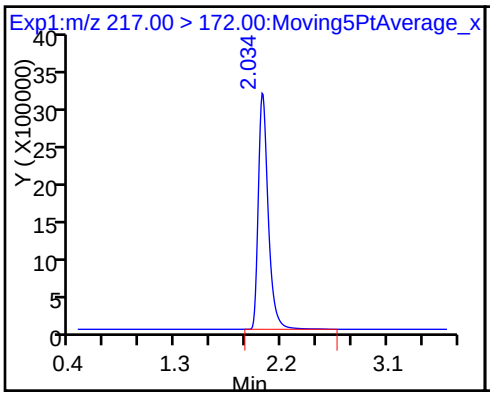
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 32 Worklist Smp#: 7

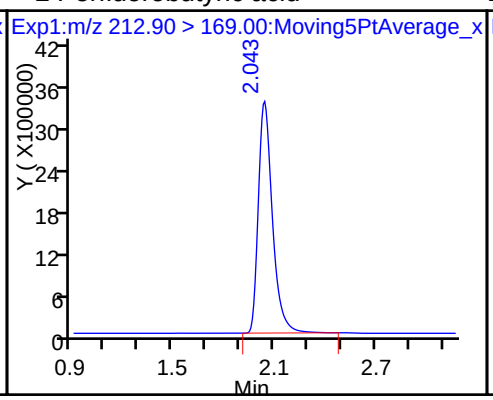
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

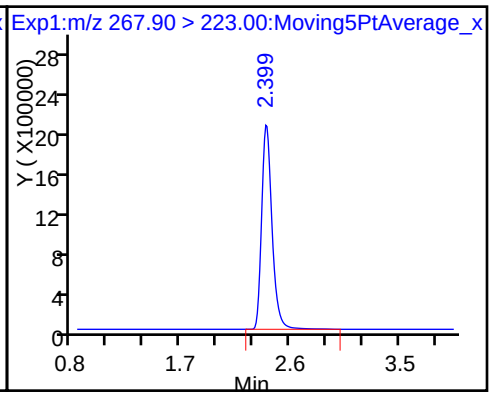
D 1 13C4 PFBA



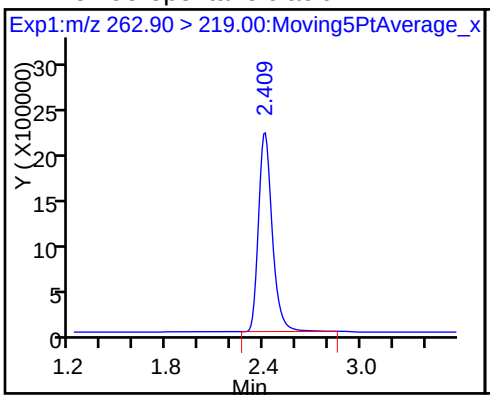
2 Perfluorobutyric acid



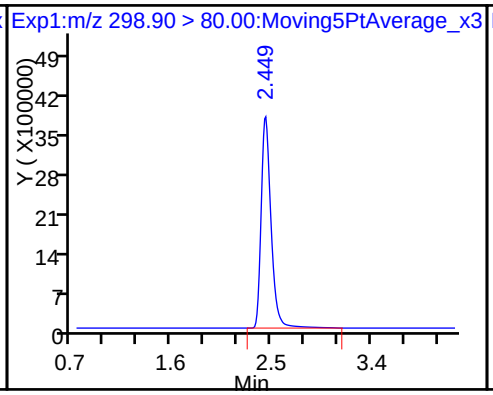
D 3 13C5-PFPeA



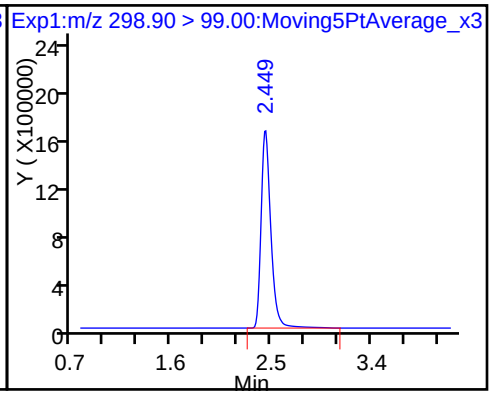
4 Perfluoropentanoic acid



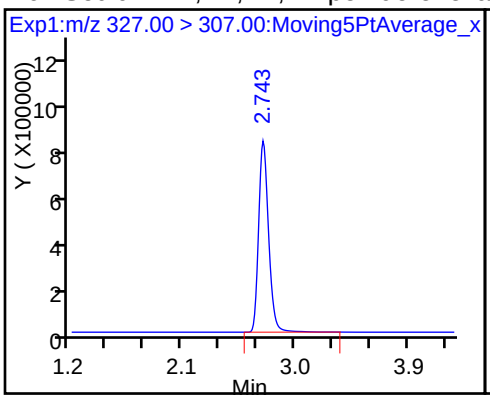
5 Perfluorobutanesulfonic acid



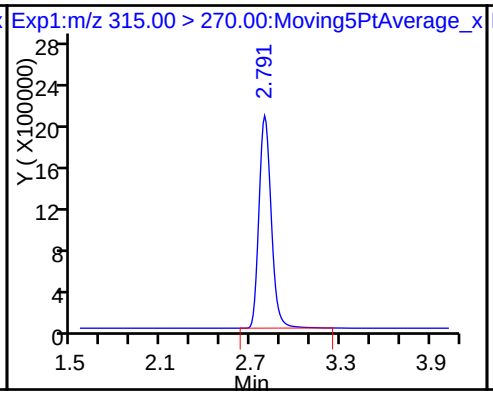
5 Perfluorobutanesulfonic acid



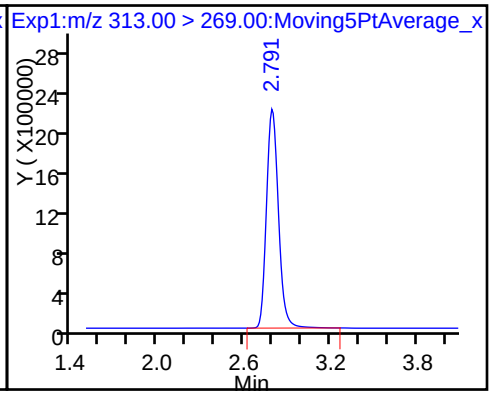
61 Sodium 1H,1H,2H,2H-perfluorohexane



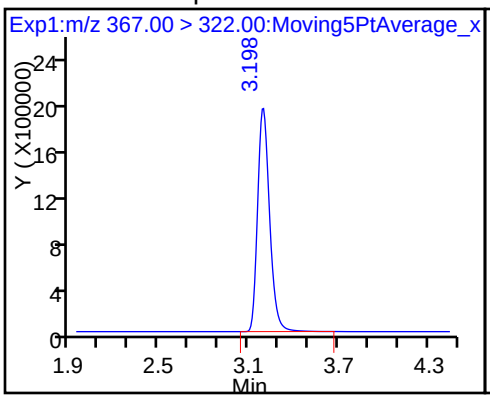
D 7 13C2 PFHxA



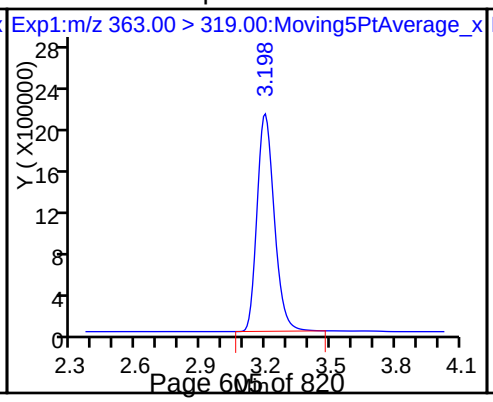
6 Perfluorohexanoic acid



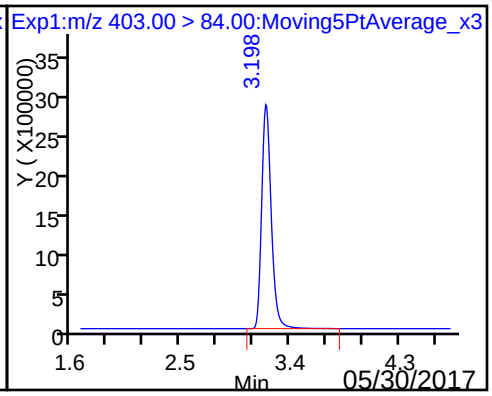
D 9 13C4-PFHpA



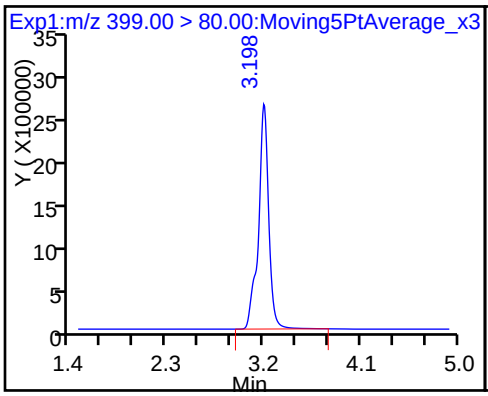
10 Perfluoroheptanoic acid



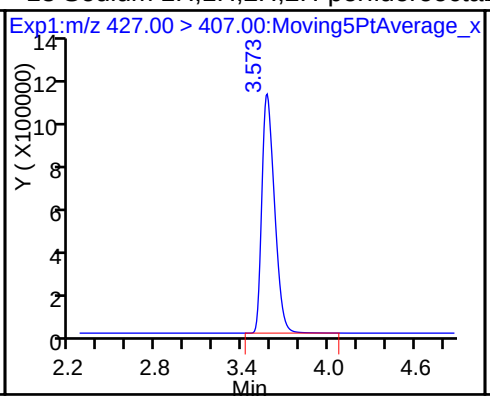
D 11 18O2 PFHxS



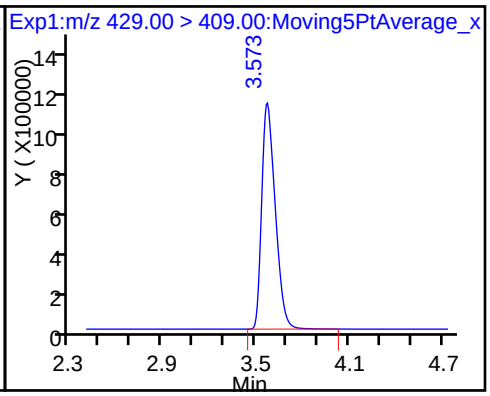
8 Perfluorohexanesulfonic acid



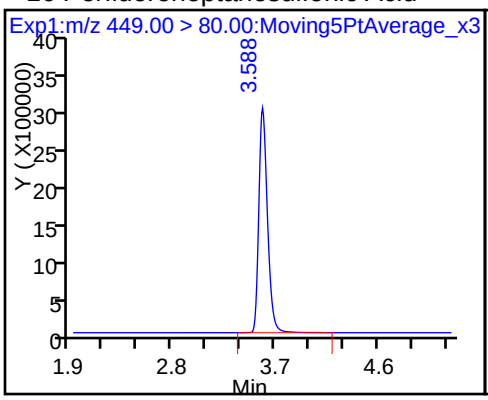
13 Sodium 1H,1H,2H,2H-perfluorooctane



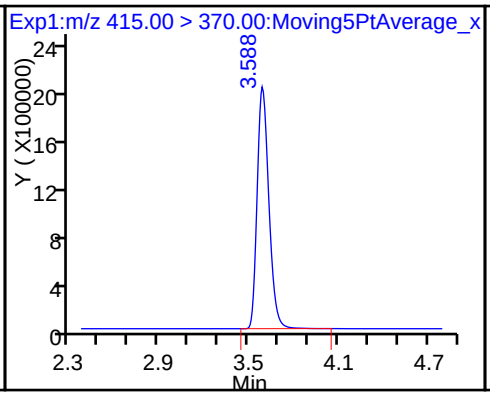
D 12 M2-6:2FTS



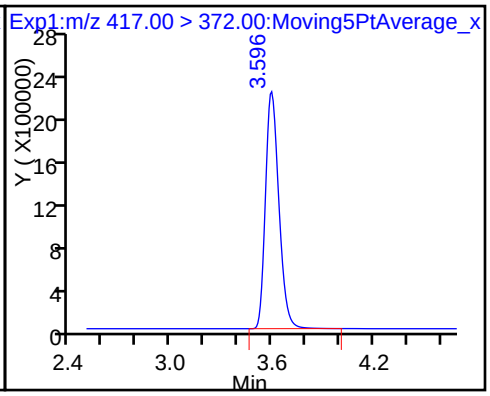
16 Perfluoroheptanesulfonic Acid



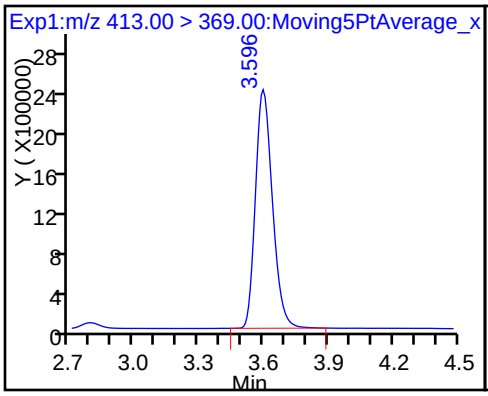
* 62 13C2-PFOA



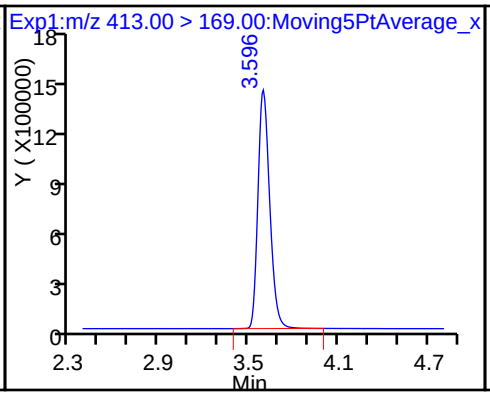
D 14 13C4 PFOA



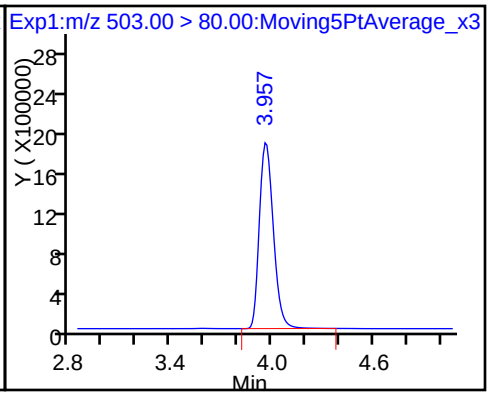
15 Perfluorooctanoic acid



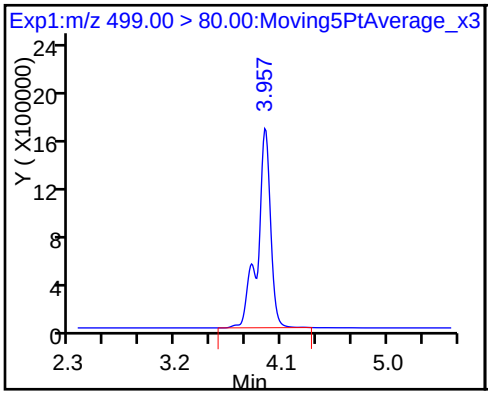
15 Perfluorooctanoic acid



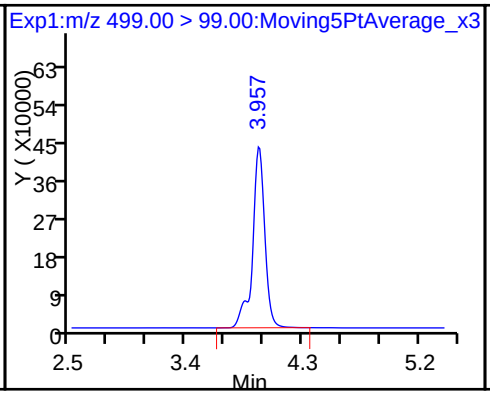
D 18 13C4 PFOS



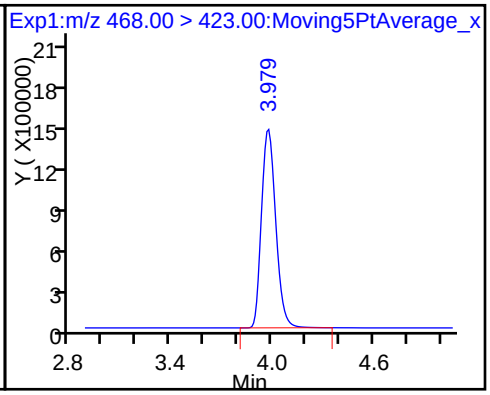
17 Perfluorooctane sulfonic acid



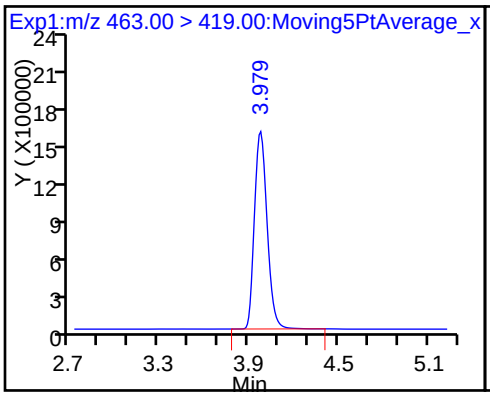
17 Perfluorooctane sulfonic acid



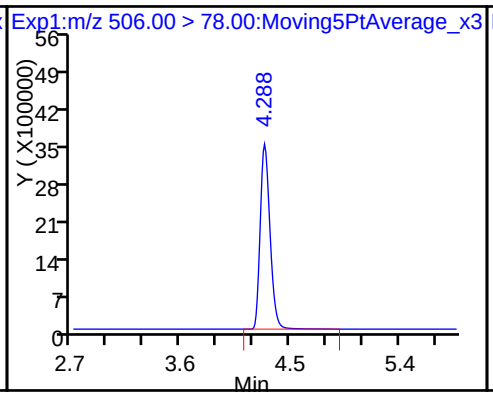
D 19 13C5 PFNA



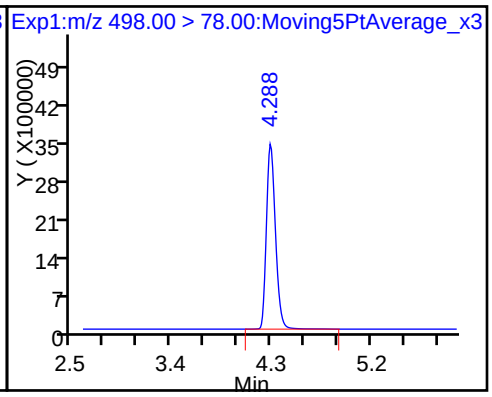
20 Perfluorononanoic acid



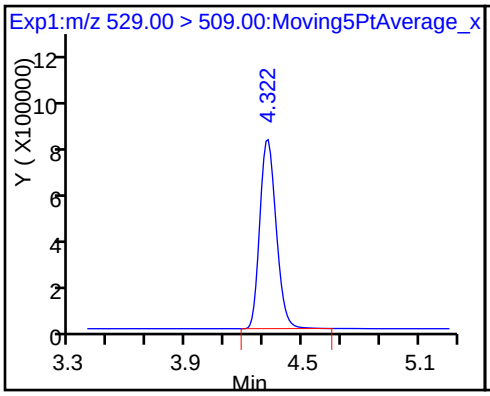
D 21 13C8 FOSA



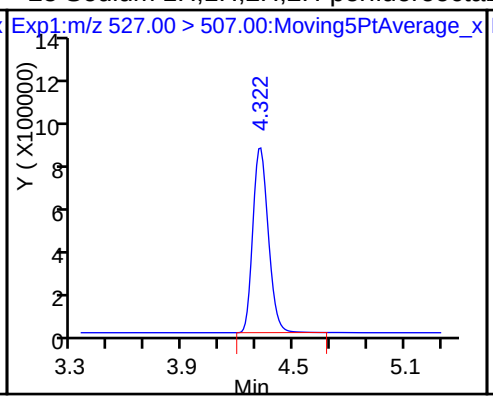
22 Perfluorooctane Sulfonamide



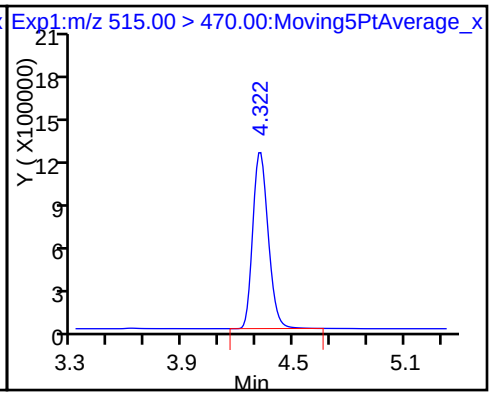
D 26 M2-8:2FTS



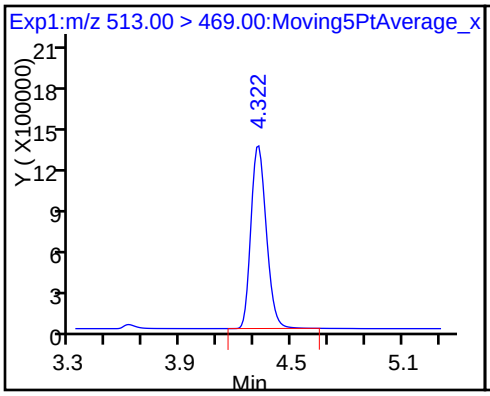
25 Sodium 1H,1H,2H,2H-perfluorooctane



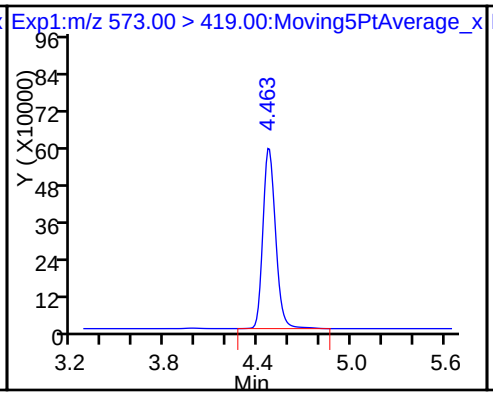
D 23 13C2 PFDA



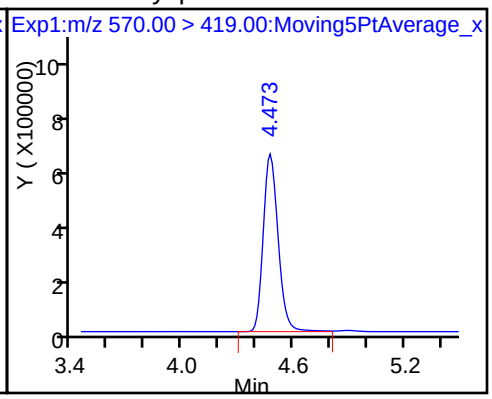
24 Perfluorodecanoic acid



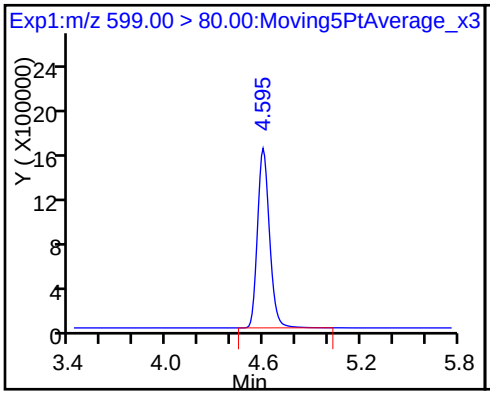
D 27 d3-NMeFOSAA



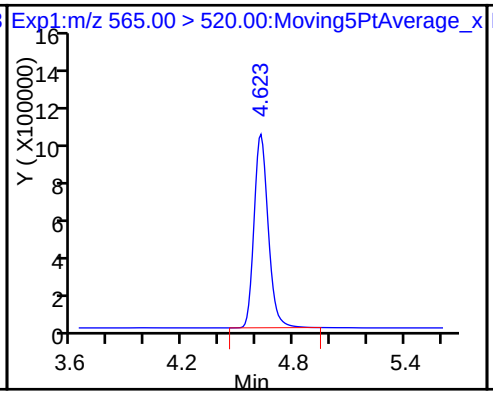
28 N-methyl perfluorooctane sulfonami



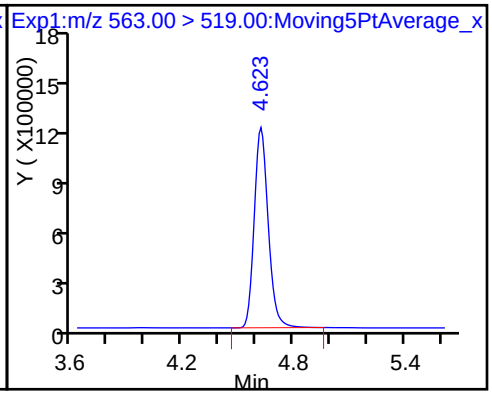
29 Perfluorodecane Sulfonic acid



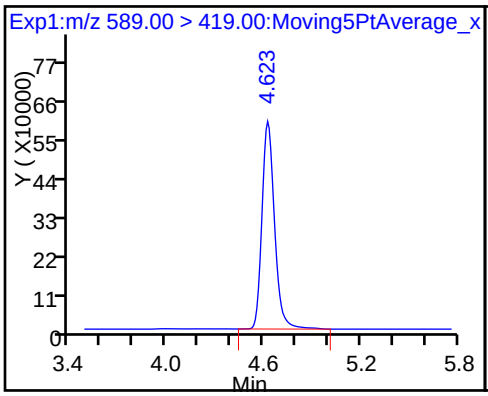
D 30 13C2 PFUnA



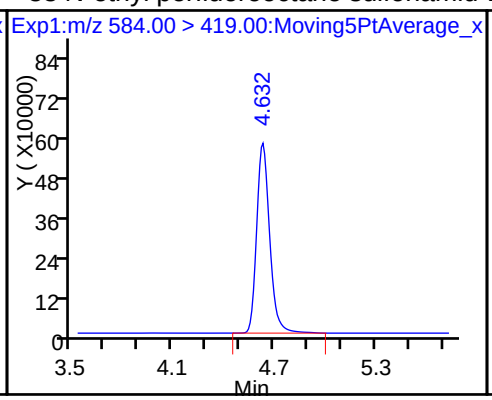
31 Perfluoroundecanoic acid



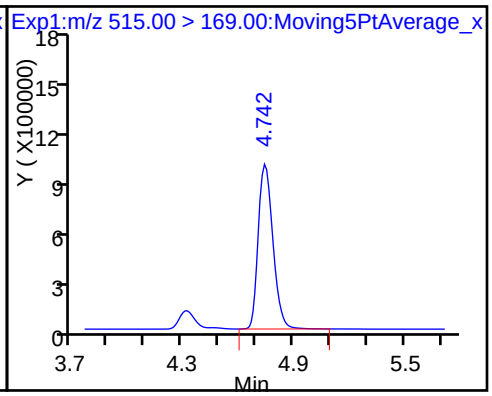
D 32 d5-NEtFOSAA



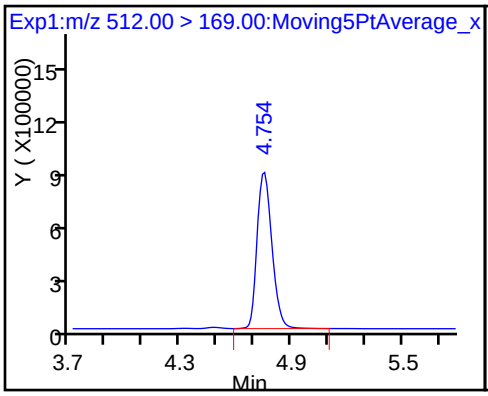
33 N-ethyl perfluorooctane sulfonamid



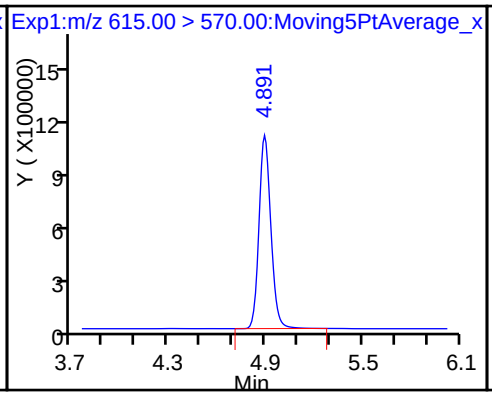
D 34 d-N-MeFOSA-M



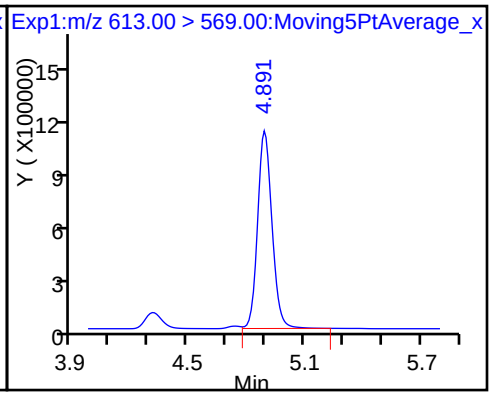
35 MeFOSA



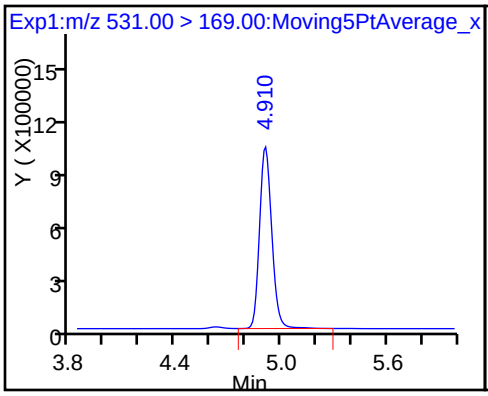
D 36 13C2 PFDoA



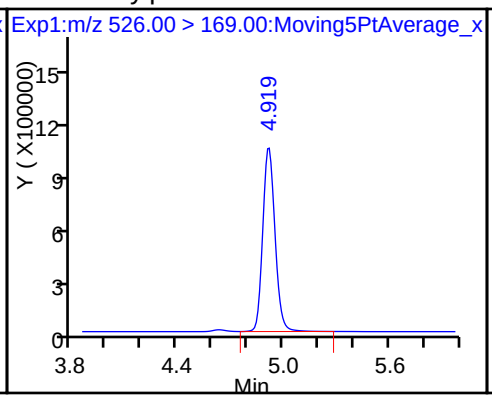
37 Perfluorododecanoic acid



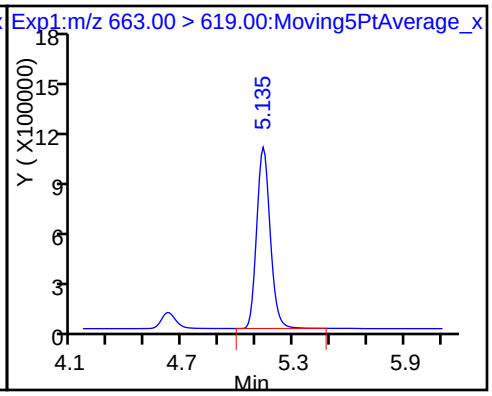
D 38 d-N-EtFOSA-M



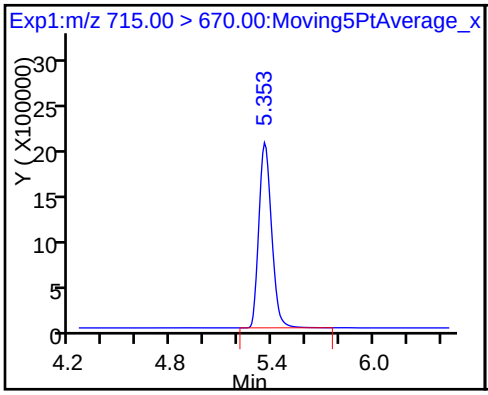
39 N-ethylperfluoro-1-octanesulfonami



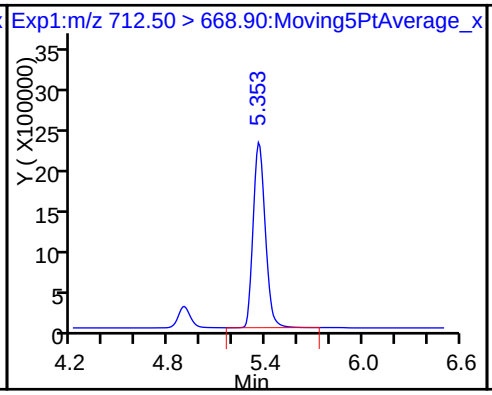
41 Perfluorotridecanoic acid



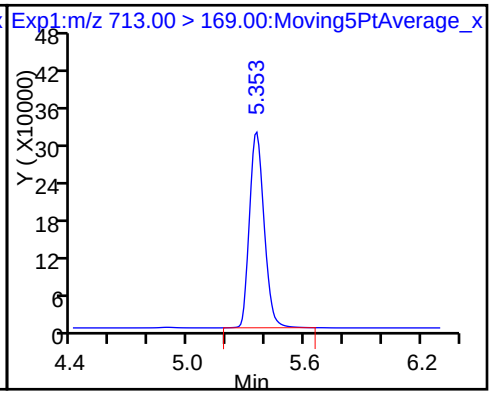
D 43 13C2-PFTeDA



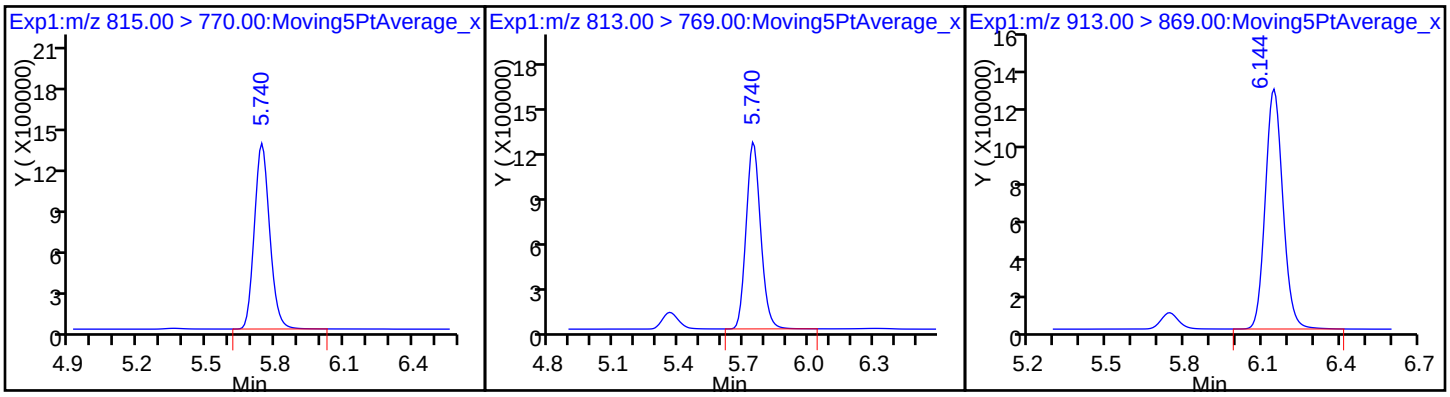
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_008.d
Lims ID: IC L6 Full
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 22-May-2017 19:19:29 ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: L6-FULL
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 23-May-2017 08:42:49 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK028

First Level Reviewer: westendorfc Date: 23-May-2017 08:25:20

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.034	2.040	-0.006		17549466	47.1		95.1	163784	
2 Perfluorobutyric acid										
212.90 > 169.00	2.042	2.044	-0.002	1.000	33476103	94.1		95.1	27396	
D 3 13C5-PFPeA										
267.90 > 223.00	2.408	2.408	0.0		11565435	46.9		94.8	240640	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.408	2.410	-0.002	1.000	23976197	94.7		95.7	7823	
D 47 13C3-PFBS										
301.90 > 83.00	2.448	2.448	0.0		298884	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.448	2.452	-0.004	1.000	37889028	76.9		87.9		
298.90 > 99.00	2.448	2.452	-0.004	1.000	17113762		2.21(0.00-0.00)	87.9		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.750	2.748	0.002	1.000	8209759	94.8		102		
6 Perfluorohexanoic acid										
313.00 > 269.00	2.798	2.799	-0.001	1.000	22464530	93.0		94.0	26277	
D 7 13C2 PFHxA										
315.00 > 270.00	2.798	2.799	-0.001		11541454	47.2		95.4	54091	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.203	3.203	0.0	1.000	21032185	94.5		95.5	6639	
D 9 13C4-PFHpA										
367.00 > 322.00	3.203	3.203	0.0		10044024	44.9		90.7	47536	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.212	3.209	0.003	1.000	31354964	83.2		92.4		
D 11 18O2 PFHxS										
403.00 > 84.00	3.212	3.209	0.003		14580299	45.3		96.6	372207	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2FTS										
429.00 > 409.00	3.573	3.576	-0.003		5562943	42.3		90.0		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.573	3.576	-0.003	1.000	9933471	87.2		92.9		
* 62 13C2-PFOA										
415.00 > 370.00	3.596	3.595	0.001		9507602	49.5				
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.596	3.595	0.001	1.000	27277622	88.8		94.2		
15 Perfluorooctanoic acid										
413.00 > 369.00	3.596	3.601	-0.005	1.000	21765053	96.6		97.5	1820	
413.00 > 169.00	3.596	3.601	-0.005	1.000	12870557		1.69(0.90-1.10)	97.5	17702	
D 14 13C4 PFOA										
417.00 > 372.00	3.596	3.601	-0.005		9935792	43.8		88.5	85750	
D 18 13C4 PFOS										
503.00 > 80.00	3.958	3.966	-0.008		10655089	45.4		96.0	8634	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.969	3.967	0.002	1.000	24413711	91.4		99.5	20048	
499.00 > 99.00	3.958	3.967	-0.009	0.997	5487121		4.45(0.90-1.10)	99.5	12733	
D 19 13C5 PFNA										
468.00 > 423.00	3.980	3.979	0.001		7830337	44.9		90.7	30020	
20 Perfluorononanoic acid										
463.00 > 419.00	3.980	3.981	-0.001	1.000	16550265	96.2		97.2	20146	
D 21 13C8 FOSA										
506.00 > 78.00	4.294	4.296	-0.002		17349029	47.2		95.3	100603	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.294	4.297	-0.003	1.000	33463766	91.1		92.0	228018	
D 26 M2-8:2FTS										
529.00 > 509.00	4.317	4.320	-0.003		4501607	45.2		95.3		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.317	4.322	-0.005	1.000	7985644	86.2		90.9		
D 23 13C2 PFDA										
515.00 > 470.00	4.317	4.322	-0.005		7084599	47.4		95.7	5076	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.317	4.323	-0.006	1.000	13460915	92.4		93.4	1643	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.469	4.472	-0.003		3083421	46.7		94.4		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.479	4.478	0.001	1.002	6458818	103.0		104		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.592	4.598	-0.006	1.000	14400726	92.1		96.5		
D 30 13C2 PFUnA										
565.00 > 520.00	4.622	4.624	-0.002		5145772	45.9		92.6	15556	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.622	4.625	-0.003	1.000	11059402	90.6		91.5	12471	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.622	4.627	-0.005		2852661	44.4		89.7		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.632	4.635	-0.003	1.002	5709634	103.7		105		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.746	4.750	-0.004		4979486	50.3		102		
35 MeFOSA										
512.00 > 169.00	4.746	4.755	-0.009	1.000	9574334	98.8		99.8		
37 Perfluorododecanoic acid										
613.00 > 569.00	4.898	4.895	0.003	1.000	10179993	95.2		96.2	584	
D 36 13C2 PFDoA										
615.00 > 570.00	4.898	4.895	0.003		5214667	47.9		96.7	7381	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.907	4.915	-0.008		4842697	50.5		102		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.916	4.922	-0.006	1.000	9703450	97.3		98.3		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.132	5.139	-0.007	1.000	9786992	92.5		93.4	537	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.353	5.357	-0.005	1.000	20327129	94.3		95.3	320	
713.00 > 169.00	5.353	5.357	-0.005	1.000	3128202		6.50(0.00-0.00)	95.3	6946	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.353	5.357	-0.005		10019917	46.5		94.0	7948	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.743	5.742	0.001		5875896	48.9		98.7	1765	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.743	5.743	0.0	1.000	10737443	97.7		98.6	288	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.148	6.143	0.005	1.000	14389541	108.4		109	397	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L6_00003 Amount Added: 1.00 Units: mL

Report Date: 23-May-2017 08:42:49 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_008.d

Injection Date: 22-May-2017 19:19:29 Instrument ID: A8_N

Lims ID: IC L6 Full

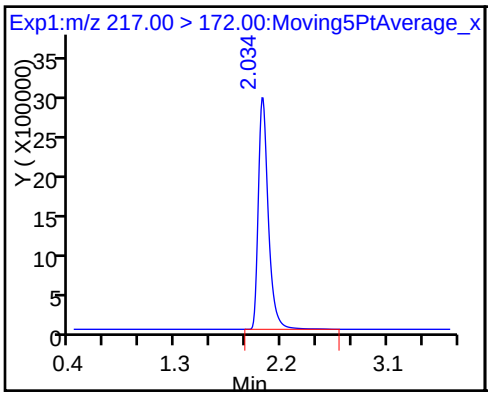
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 33 Worklist Smp#: 8

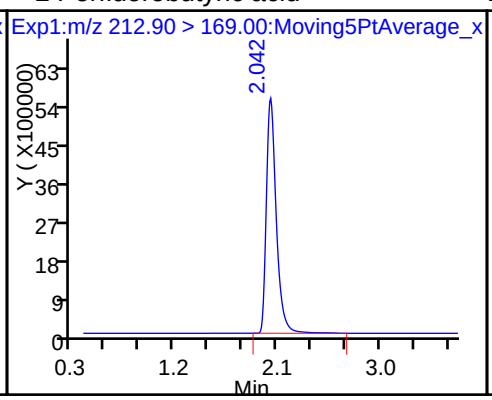
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

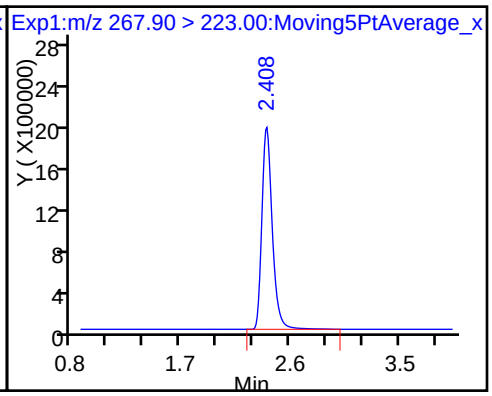
D 1 13C4 PFBA



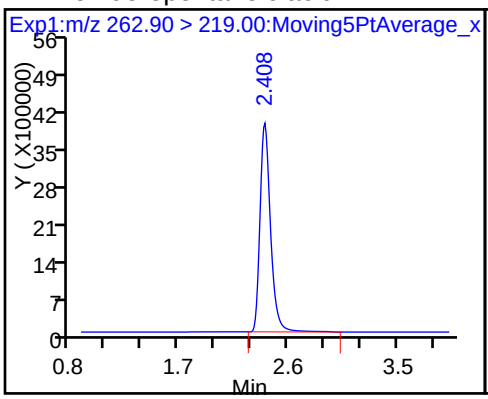
2 Perfluorobutyric acid



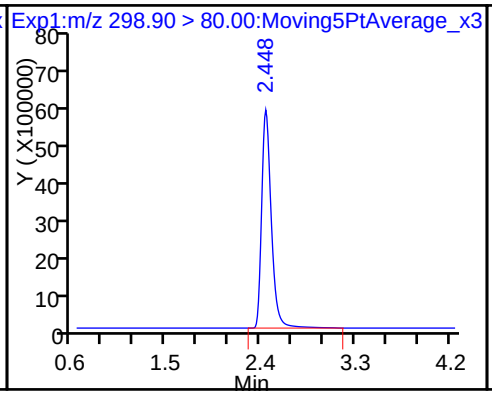
D 3 13C5-PFPeA



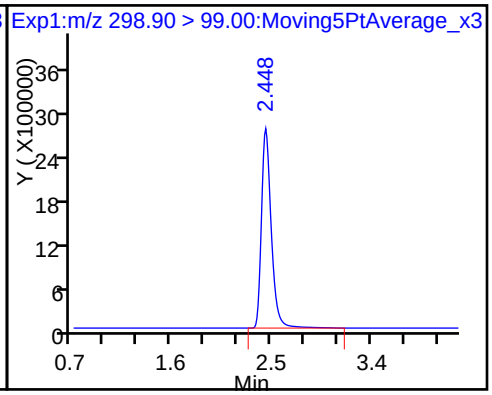
4 Perfluoropentanoic acid



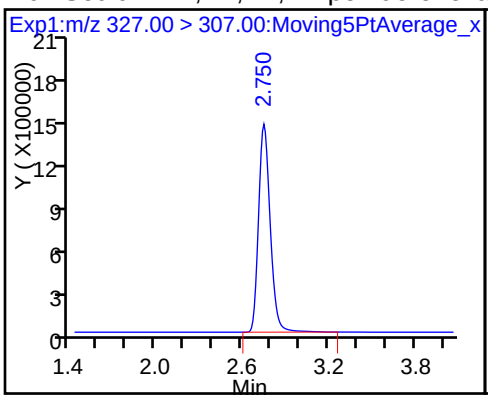
5 Perfluorobutanesulfonic acid



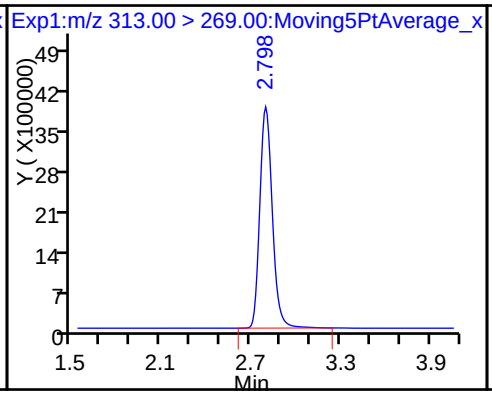
5 Perfluorobutanesulfonic acid



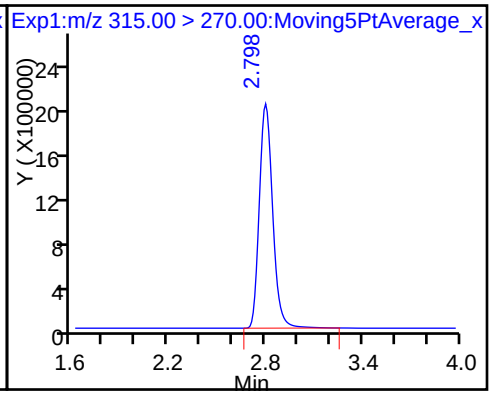
61 Sodium 1H,1H,2H,2H-perfluorohexane



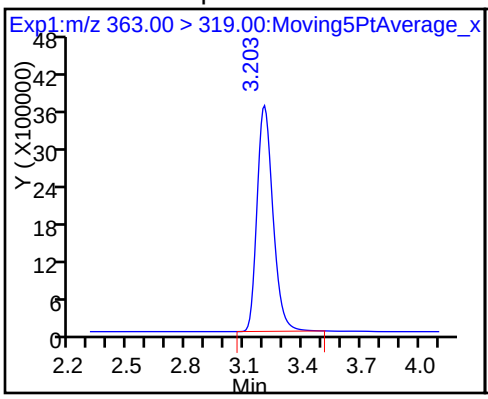
6 Perfluorohexanoic acid



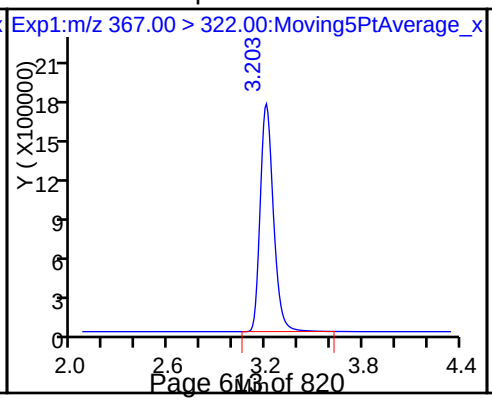
D 7 13C2 PFHxA



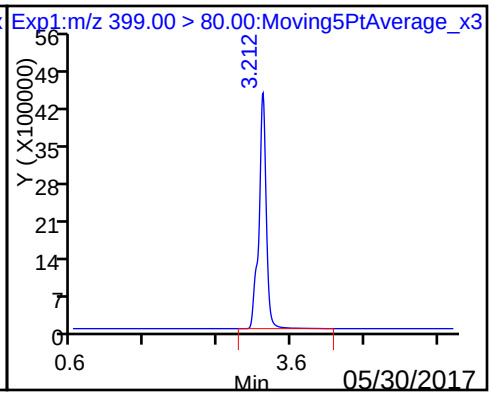
10 Perfluoroheptanoic acid



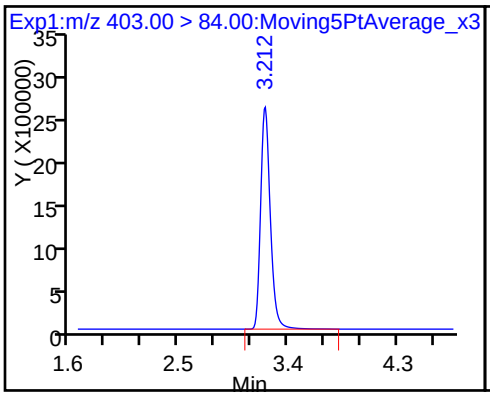
D 9 13C4-PFHpA



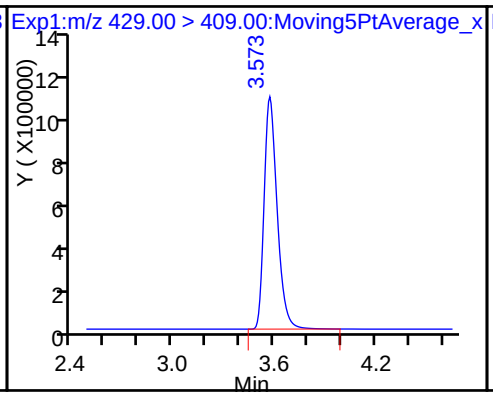
8 Perfluorohexanesulfonic acid



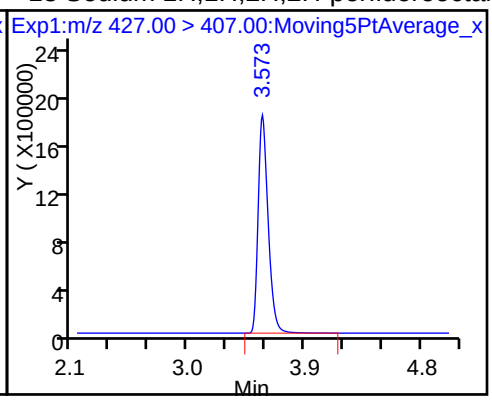
D 11 18O2 PFHxS



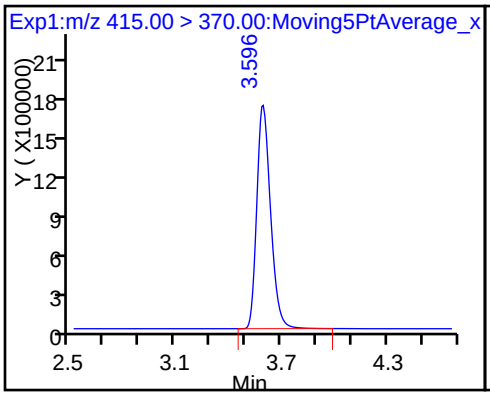
D 12 M2-6:2FTS



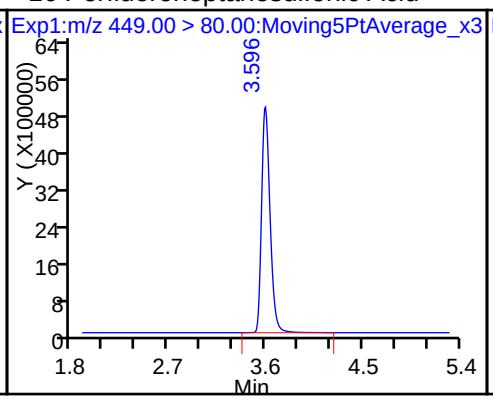
13 Sodium 1H,1H,2H,2H-perfluorooctane



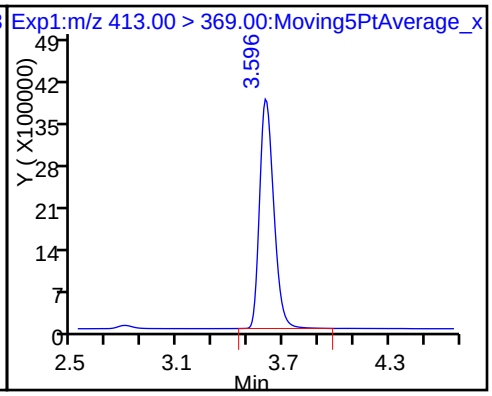
* 62 13C2-PFOA



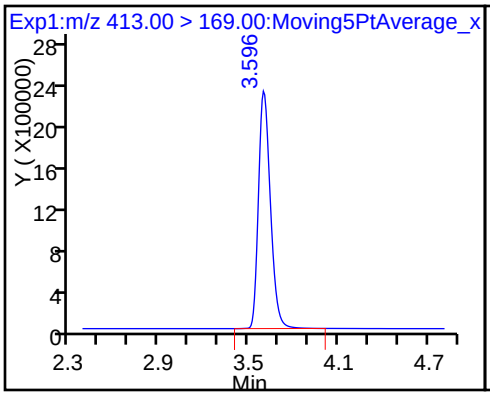
16 Perfluoroheptanesulfonic Acid



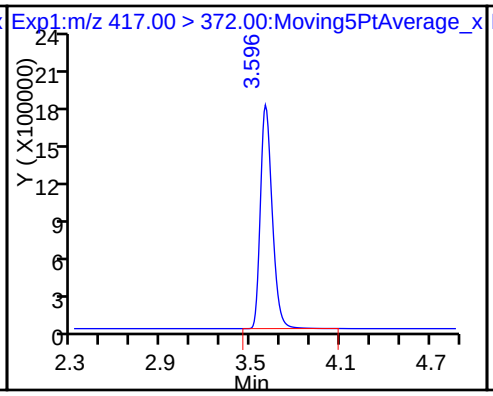
15 Perfluorooctanoic acid



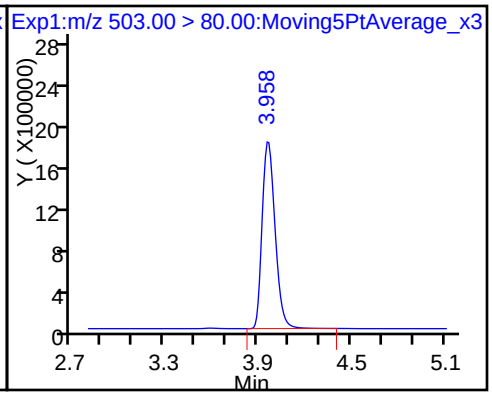
15 Perfluorooctanoic acid



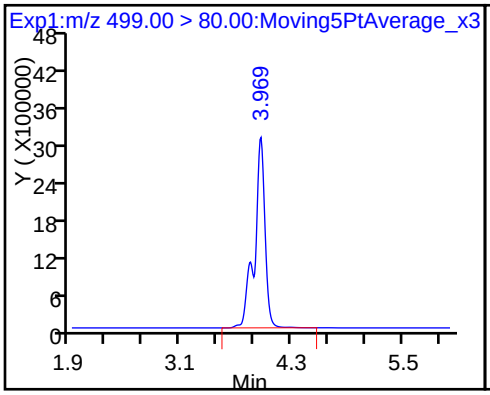
D 14 13C4 PFOA



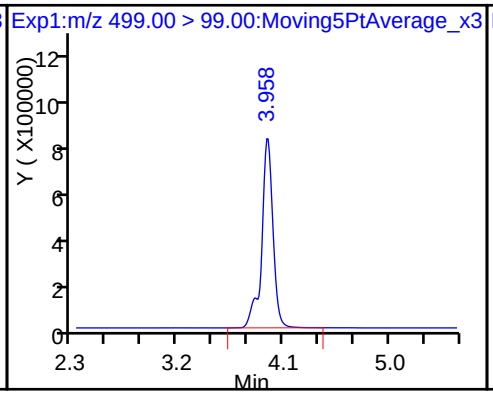
D 18 13C4 PFOS



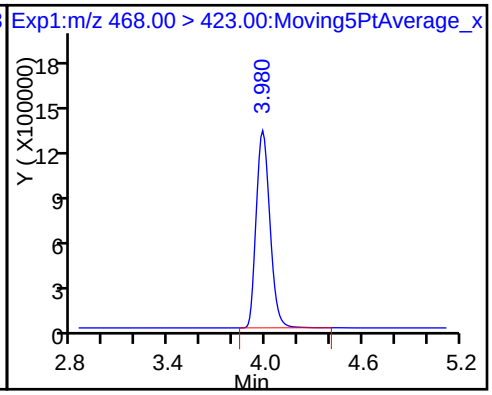
17 Perfluorooctane sulfonic acid



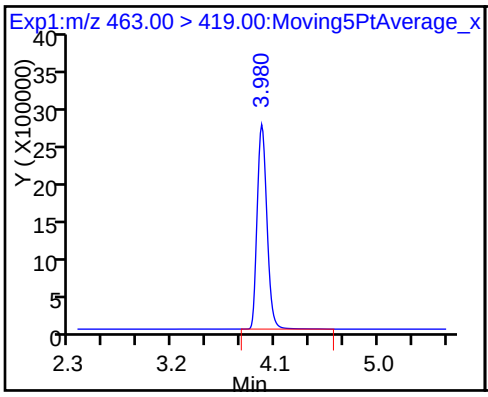
17 Perfluorooctane sulfonic acid



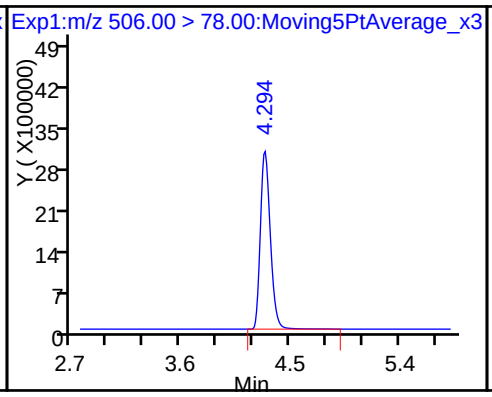
D 19 13C5 PFNA



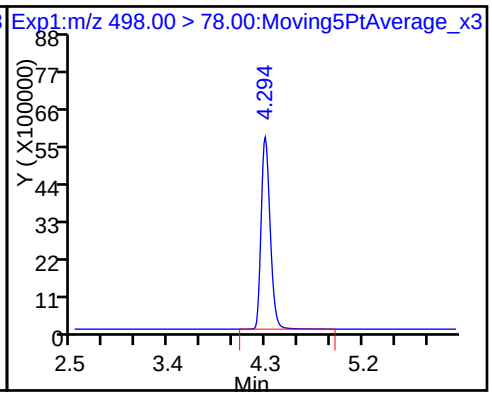
20 Perfluorononanoic acid



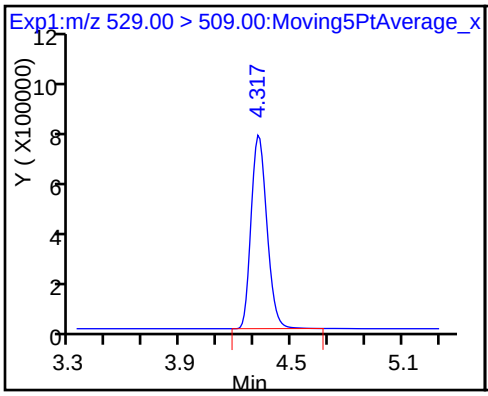
D 21 13C8 FOSA



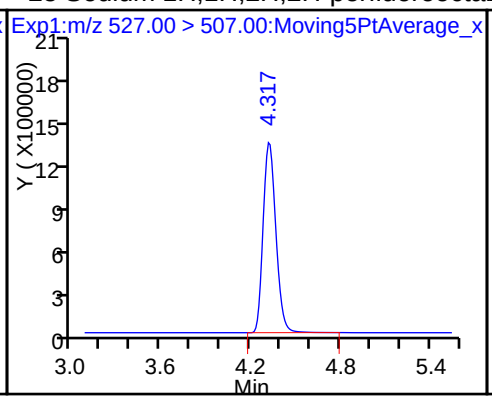
22 Perfluorooctane Sulfonamide



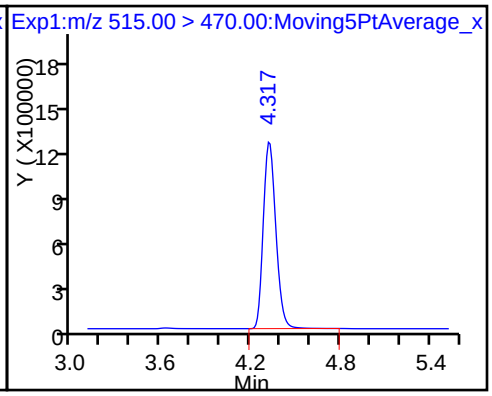
D 26 M2-8:2FTS



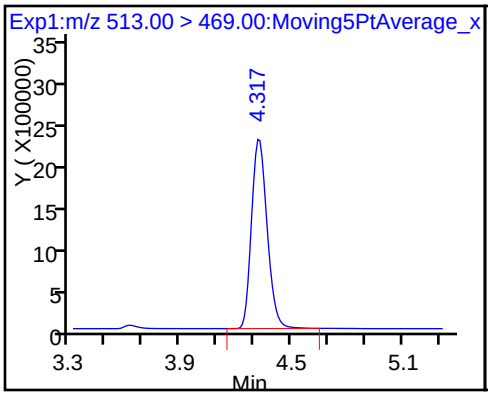
25 Sodium 1H,1H,2H,2H-perfluorooctane



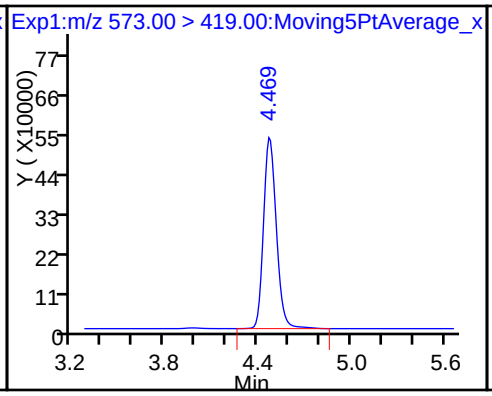
D 23 13C2 PFDA



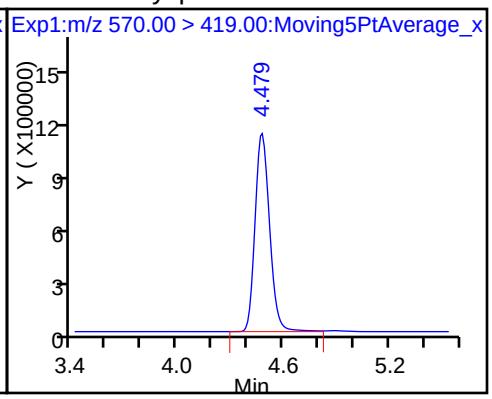
24 Perfluorodecanoic acid



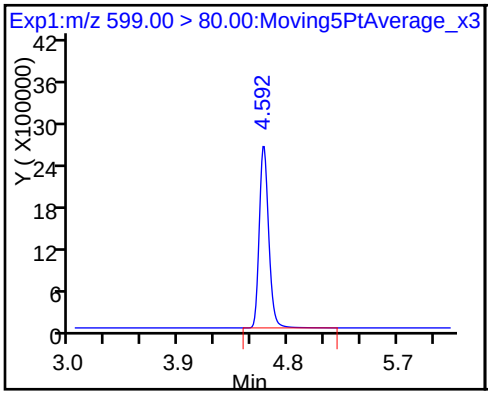
D 27 d3-NMeFOSAA



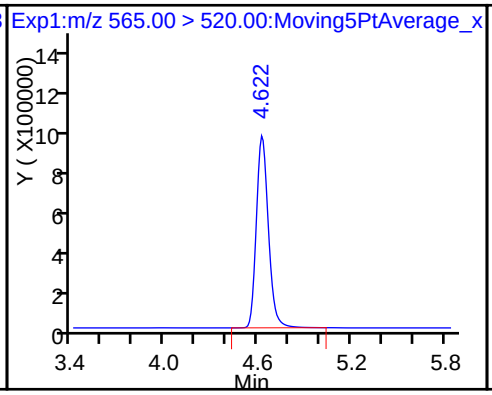
28 N-methyl perfluorooctane sulfonami



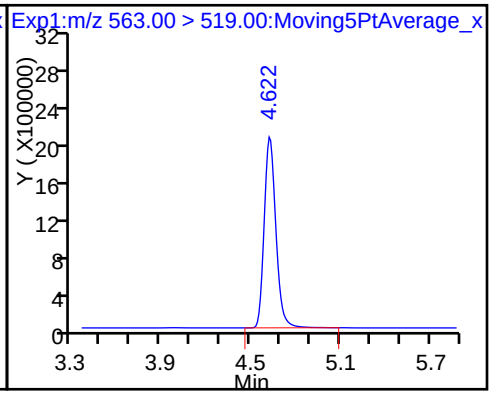
29 Perfluorodecane Sulfonic acid



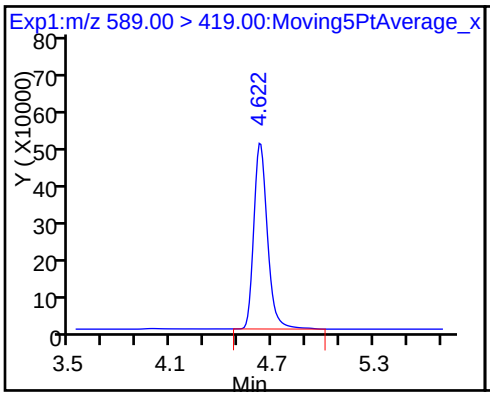
D 30 13C2 PFUnA



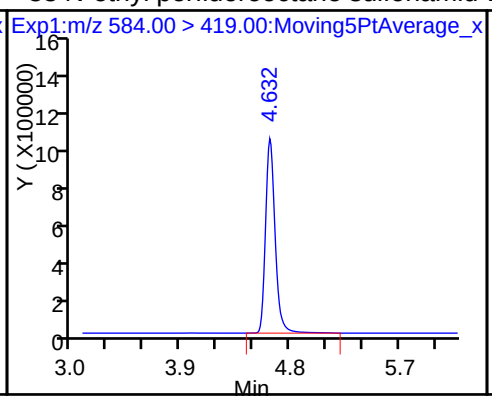
31 Perfluoroundecanoic acid



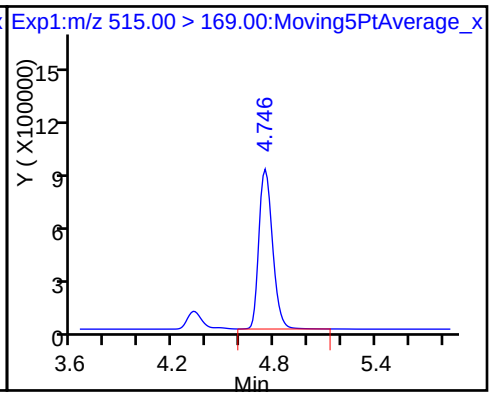
D 32 d5-NEtFOSAA



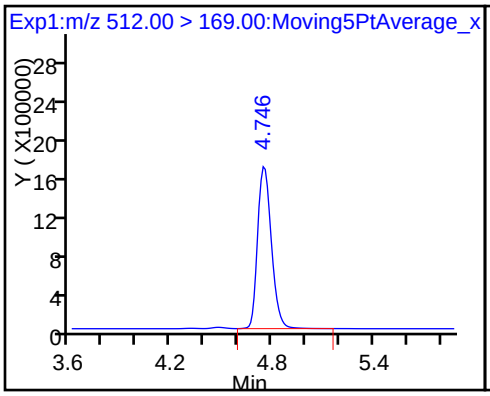
33 N-ethyl perfluorooctane sulfonamid



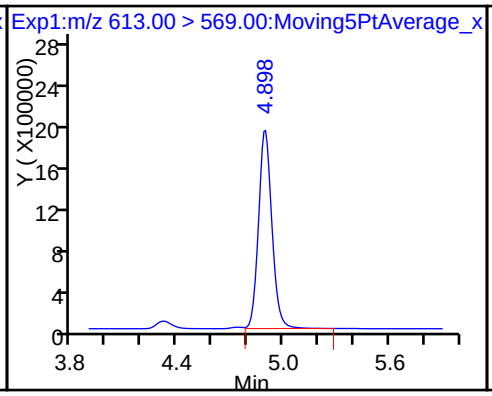
D 34 d-N-MeFOSA-M



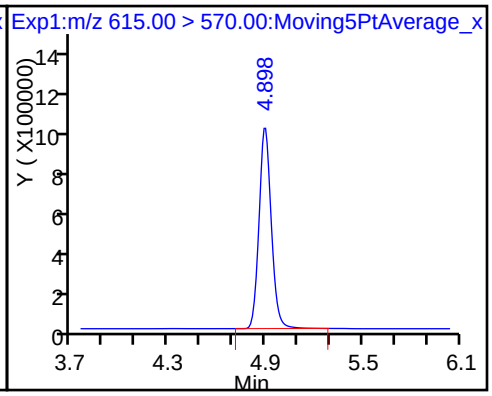
35 MeFOSA



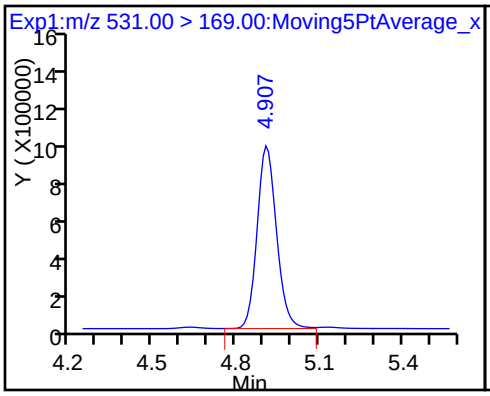
37 Perfluorododecanoic acid



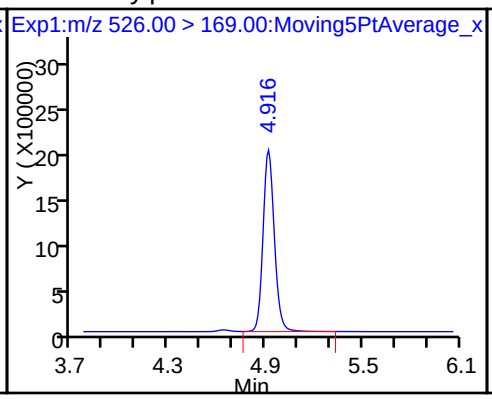
D 36 13C2 PFDoA



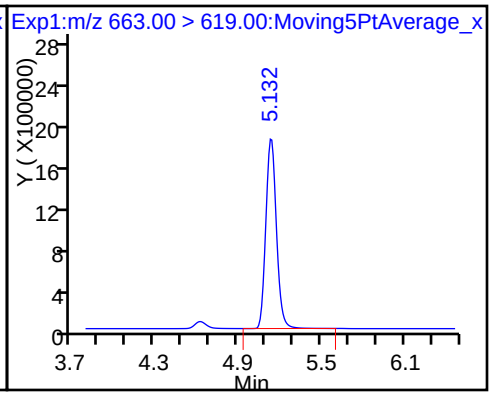
D 38 d-N-EtFOSA-M



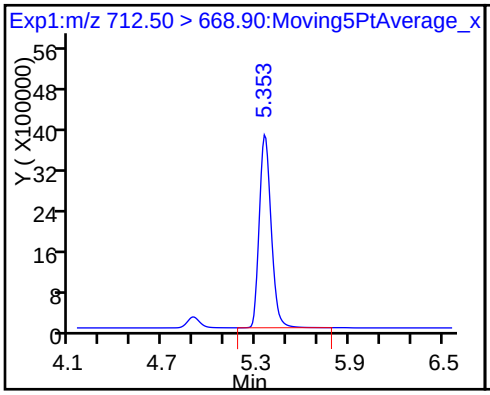
39 N-ethylperfluoro-1-octanesulfonami



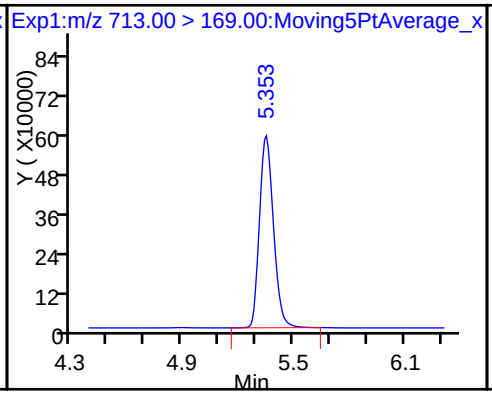
41 Perfluorotridecanoic acid



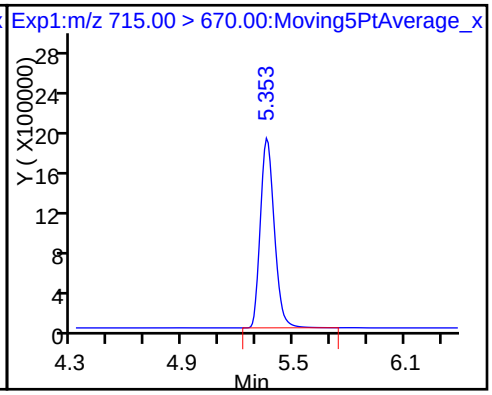
42 Perfluorotetradecanoic acid



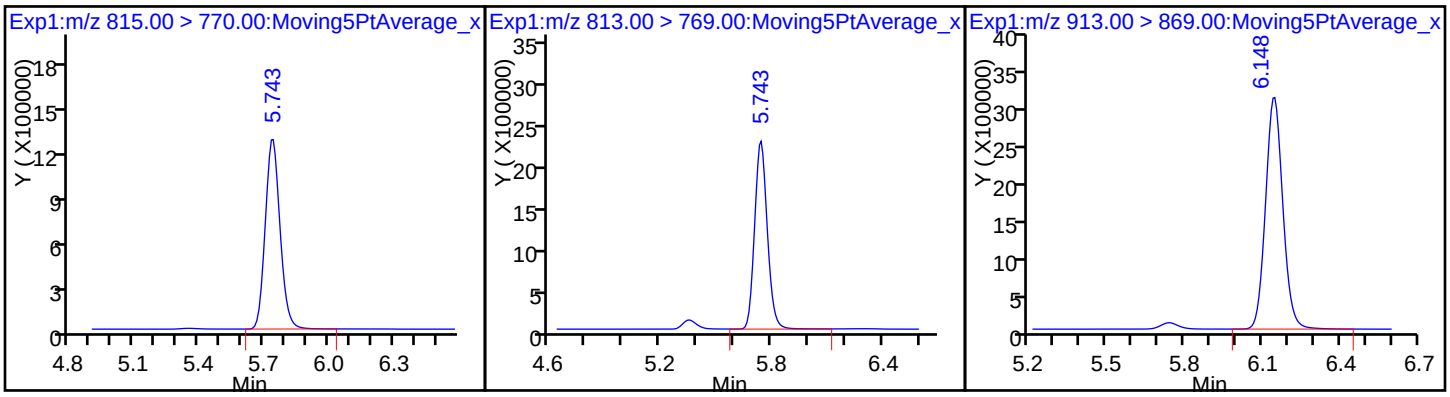
42 Perfluorotetradecanoic acid



D 43 13C2-PFTeDA



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_009.d
Lims ID: IC L7 Full
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 22-May-2017 19:26:58 ALS Bottle#: 34 Worklist Smp#: 9
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: L7-FULL
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 23-May-2017 08:42:52 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK028

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.042	2.040	0.002		16154859	43.3		87.6	167738	
2 Perfluorobutyric acid										
212.90 > 169.00	2.050	2.044	0.006	1.000	52479021	160.3		81.0	39696	
D 3 13C5-PFPeA										
267.90 > 223.00	2.408	2.408	0.0		10122315	41.1		83.0	27821	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.408	2.410	-0.002	1.000	38656387	174.5		88.1	11596	
D 47 13C3-PFBS										
301.90 > 83.00	2.448	2.448	0.0		267868	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.458	2.452	0.006	1.000	56941145	133.9		76.5		
298.90 > 99.00	2.458	2.452	0.006	1.000	28187352		2.02(0.00-0.00)	76.5		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.746	2.748	-0.002	1.000	14910321	197.9		107		
D 7 13C2 PFHxA										
315.00 > 270.00	2.804	2.799	0.005		10273898	42.0		84.9	35608	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.804	2.799	0.005	1.000	36005812	167.5		84.6	37196	
D 9 13C4-PFHpA										
367.00 > 322.00	3.203	3.203	0.0		8692180	38.9		78.5	38480	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.203	3.203	0.0	1.000	33880310	176.0		88.9	13746	
D 11 18O2 PFHxS										
403.00 > 84.00	3.212	3.209	0.003		12585133	39.1		83.4	34300	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.212	3.209	0.003	1.000	51510303	158.4		87.9		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.574	3.576	-0.002	1.000	16553838	167.1		89.0		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2FTS										
429.00 > 409.00	3.574	3.576	-0.002		4838306	36.8		78.3		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.598	3.595	0.003	1.000	42720681	154.3		81.8		
* 62 13C2-PFOA										
415.00 > 370.00	3.598	3.595	0.003		7922052	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.598	3.601	-0.003		8245886	36.3		73.4	28337	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.598	3.601	-0.003	1.000	33045047	176.7		89.2	2567	
413.00 > 169.00	3.598	3.601	-0.003	1.000	21035900		1.57(0.90-1.10)	89.2	11824	
D 18 13C4 PFOS										
503.00 > 80.00	3.970	3.966	0.004		9600426	40.9		86.5	5580	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.970	3.967	0.003	1.000	42064820	174.8		95.1	13331	
499.00 > 99.00	3.970	3.967	0.003	1.000	9446045		4.45(0.90-1.10)	95.1	9273	
D 19 13C5 PFNA										
468.00 > 423.00	3.981	3.979	0.002		6810957	39.0		78.9	19800	
20 Perfluorononanoic acid										
463.00 > 419.00	3.981	3.981	0.0	1.000	26543600	177.4		89.6	13774	
D 21 13C8 FOSA										
506.00 > 78.00	4.295	4.296	-0.001		15532960	42.2		85.3	14642	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.295	4.297	-0.002	1.000	50726310	154.2		77.9	7333	
D 26 M2-8:2FTS										
529.00 > 509.00	4.318	4.320	-0.002		4298748	43.2		91.0		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.318	4.322	-0.004	1.000	15211498	172.0		90.7		
D 23 13C2 PFDA										
515.00 > 470.00	4.329	4.322	0.007		6009714	40.2		81.2	3335	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.329	4.323	0.006	1.000	22439977	181.7		91.7	2706	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.471	4.472	-0.001		3106910	47.1		95.1		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.482	4.478	0.004	1.002	12710937	201.2		102		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.594	4.598	-0.004	1.000	23885111	169.5		88.8		
D 30 13C2 PFUnA										
565.00 > 520.00	4.624	4.624	0.0		4322608	38.5		77.8	26527	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.624	4.625	-0.001	1.000	18347734	178.9		90.4	21411	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.634	4.627	0.007		2688238	41.8		84.5		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.634	4.635	-0.001	1.000	10753519	207.3		105		
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.751	4.750	0.001		4563318	46.1		93.1		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
35 MeFOSA										
512.00 > 169.00	4.751	4.755	-0.004	1.000	17779562	200.3		101		
D 36 13C2 PFDoA										
615.00 > 570.00	4.893	4.895	-0.002		4657915	42.8		86.4	3428	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.893	4.895	-0.002	1.000	17405363	182.3		92.1	1185	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.912	4.915	-0.003		4390542	45.8		92.5		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.921	4.922	-0.001	1.000	18175745	201.0		102		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.139	5.139	0.0	1.000	16492283	174.5		88.1	1000	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.363	5.357	0.006		9382750	43.6		88.0	5928	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.363	5.357	0.006	1.000	33597608	174.6		88.2	504	
713.00 > 169.00	5.353	5.357	-0.004	0.998	5270541		6.37(0.00-0.00)	88.2	7935	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.747	5.742	0.005		5340611	44.4		89.7	1522	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.747	5.743	0.004	1.000	18507930	189.1		95.5	484	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.149	6.143	0.006	1.000	24643267	207.8		105	594	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L7_00001 Amount Added: 1.00 Units: mL

Report Date: 23-May-2017 08:42:52 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_009.d

Injection Date: 22-May-2017 19:26:58 Instrument ID: A8_N

Lims ID: IC L7 Full

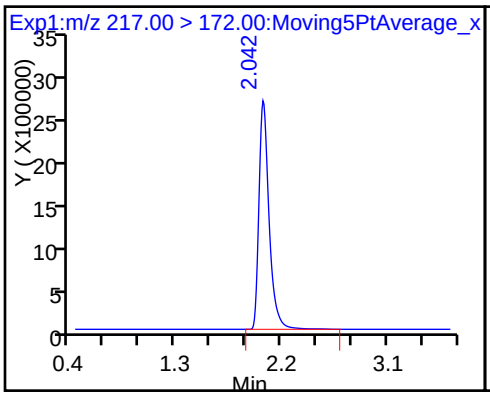
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 34 Worklist Smp#: 9

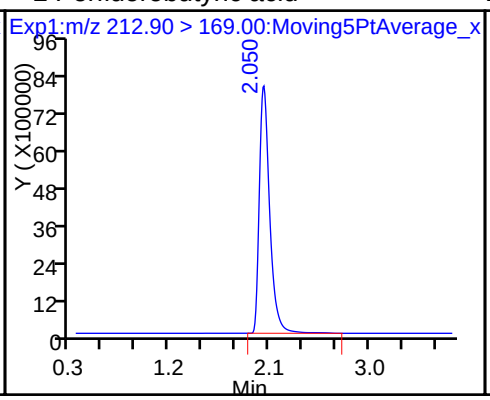
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

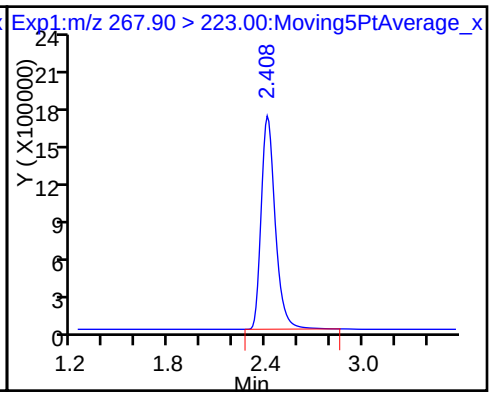
D 1 13C4 PFBA



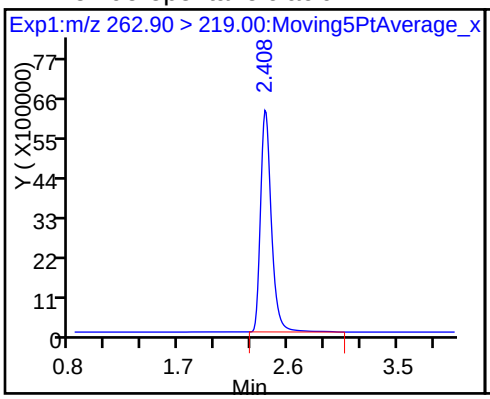
2 Perfluorobutyric acid



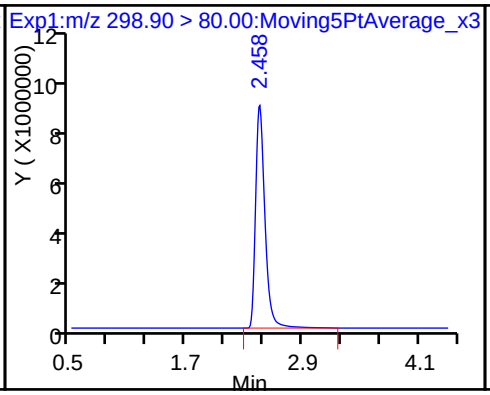
D 3 13C5-PFPeA



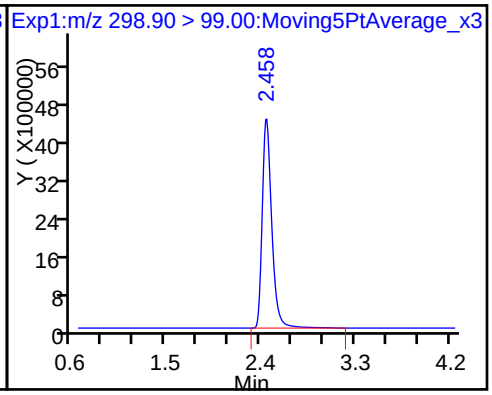
4 Perfluoropentanoic acid



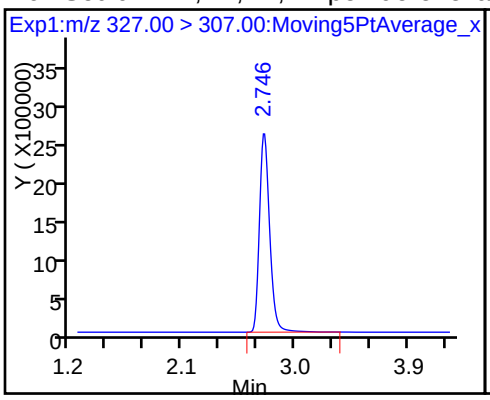
5 Perfluorobutanesulfonic acid



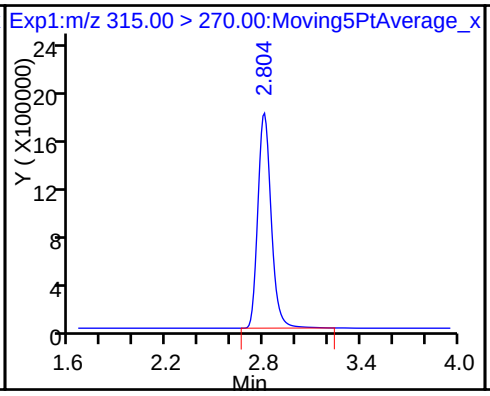
5 Perfluorobutanesulfonic acid



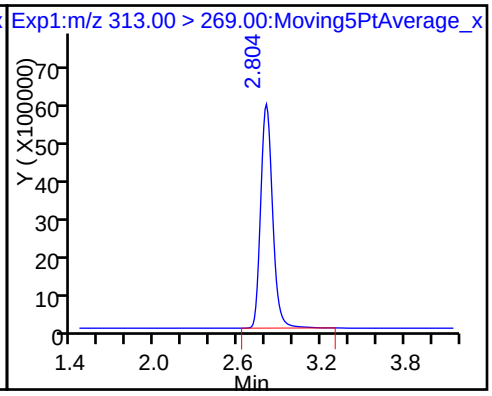
61 Sodium 1H,1H,2H,2H-perfluorohexane



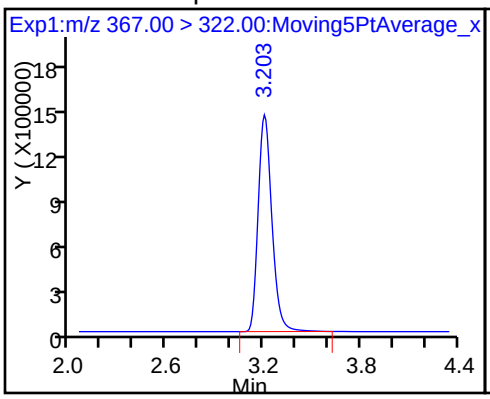
D 7 13C2 PFHxA



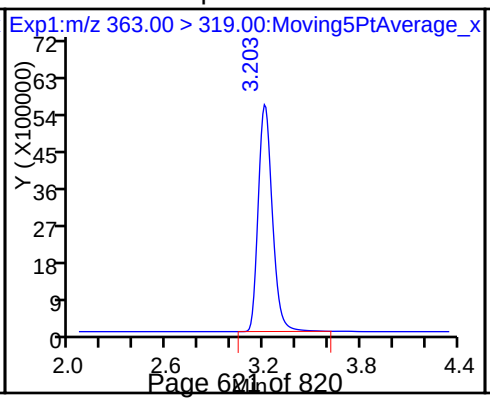
6 Perfluorohexanoic acid



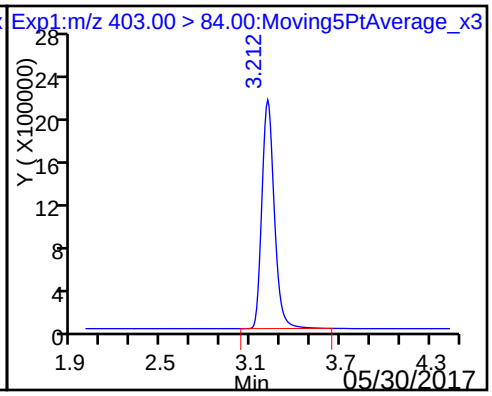
D 9 13C4-PFHpA



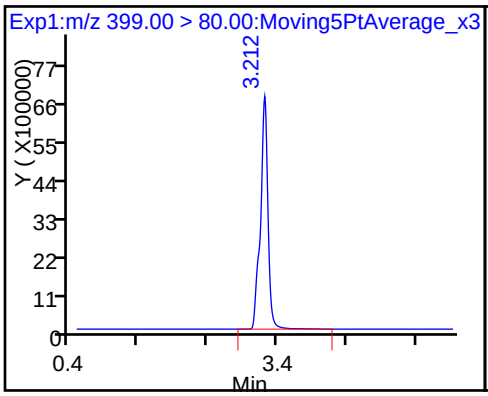
10 Perfluoroheptanoic acid



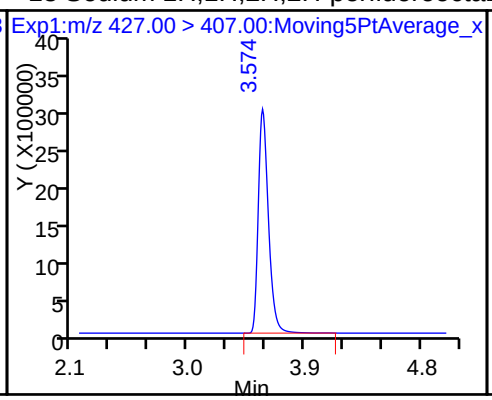
D 11 18O2 PFHxS



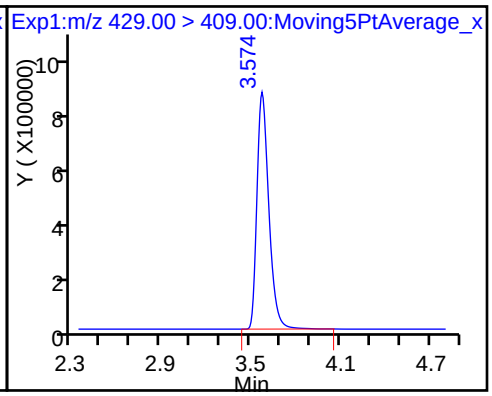
8 Perfluorohexanesulfonic acid



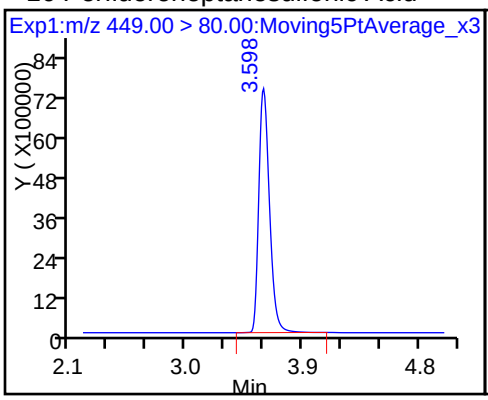
13 Sodium 1H,1H,2H,2H-perfluorooctane



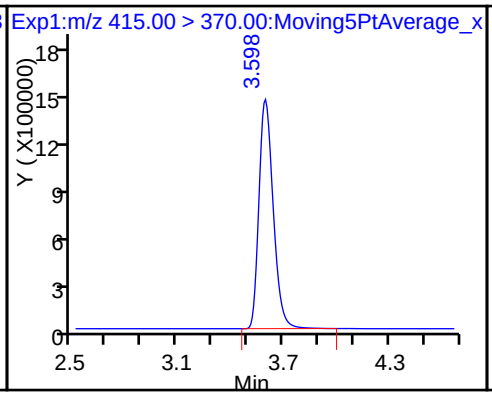
D 12 M2-6:2FTS



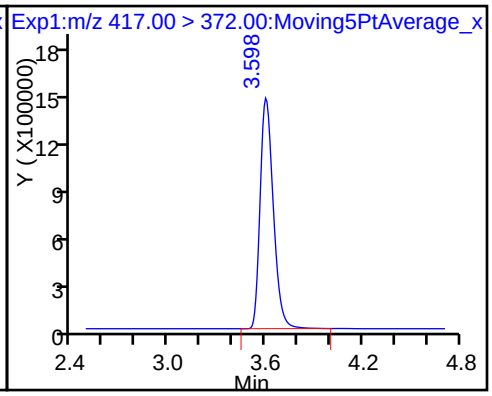
16 Perfluoroheptanesulfonic Acid



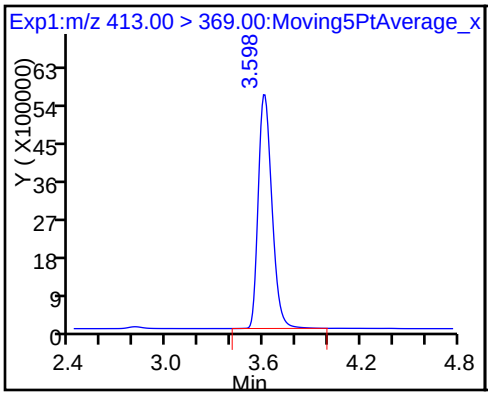
* 62 13C2-PFOA



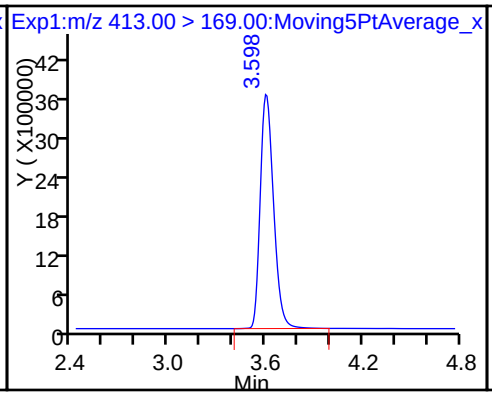
D 14 13C4 PFOA



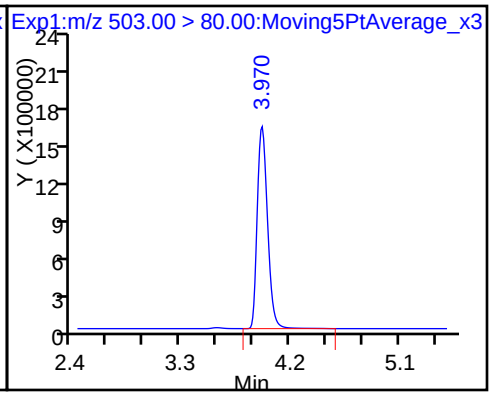
15 Perfluorooctanoic acid



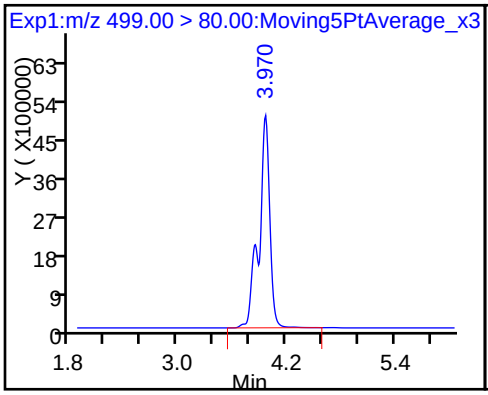
15 Perfluorooctanoic acid



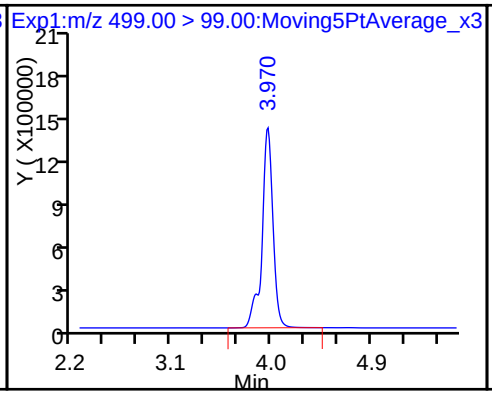
D 18 13C4 PFOS



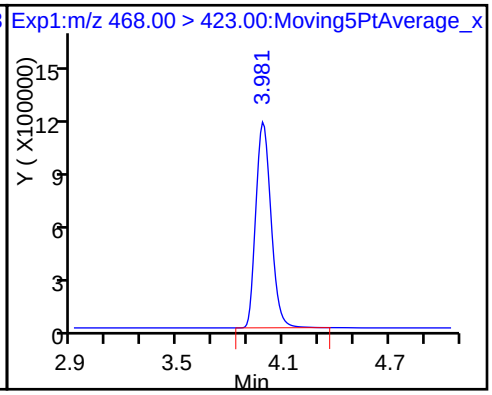
17 Perfluorooctane sulfonic acid



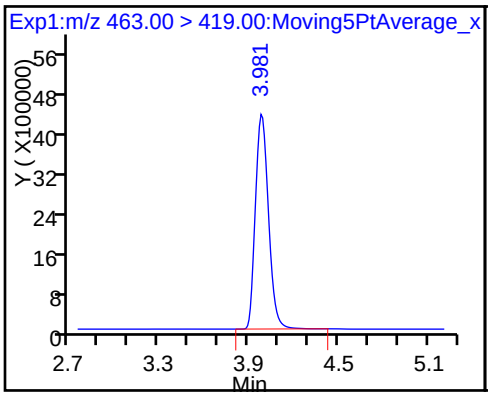
17 Perfluorooctane sulfonic acid



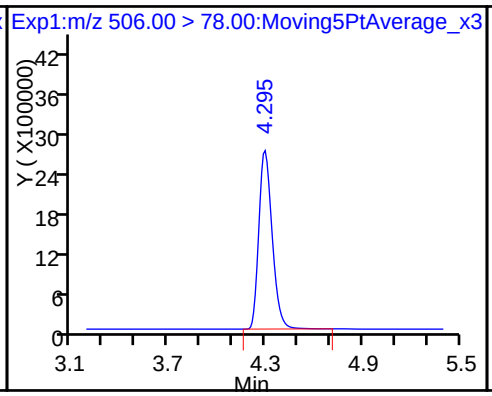
D 19 13C5 PFNA



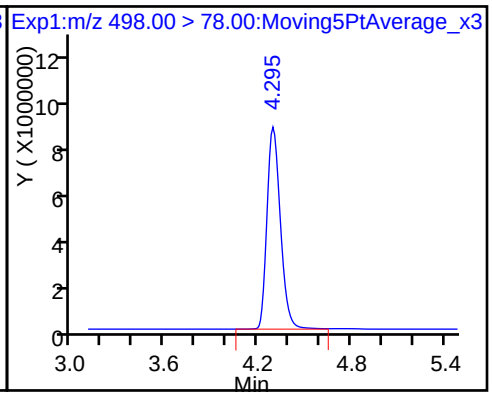
20 Perfluorononanoic acid



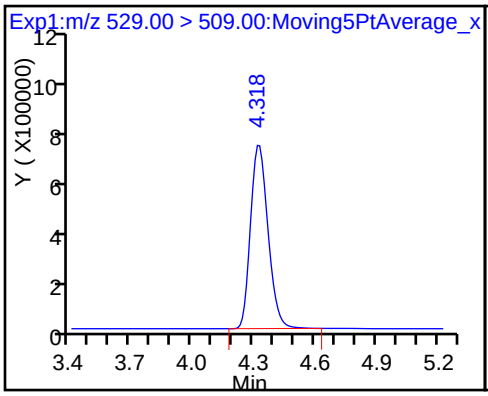
D 21 13C8 FOSA



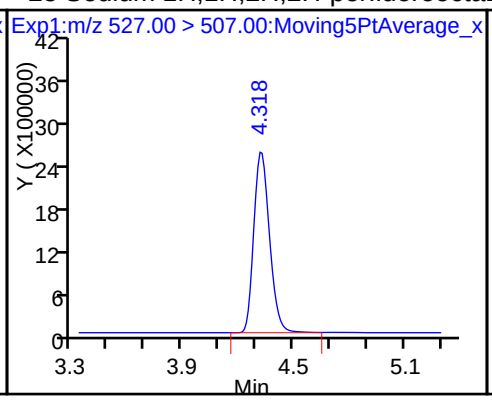
22 Perfluorooctane Sulfonamide



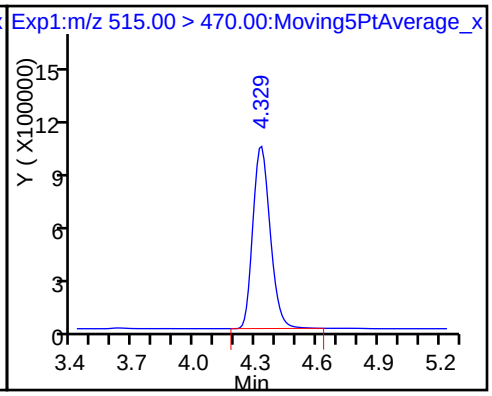
D 26 M2-8:2FTS



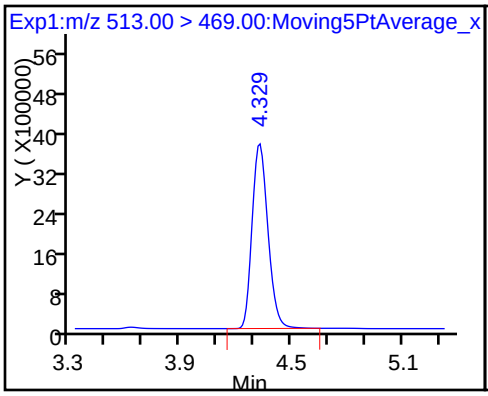
25 Sodium 1H,1H,2H,2H-perfluorooctane



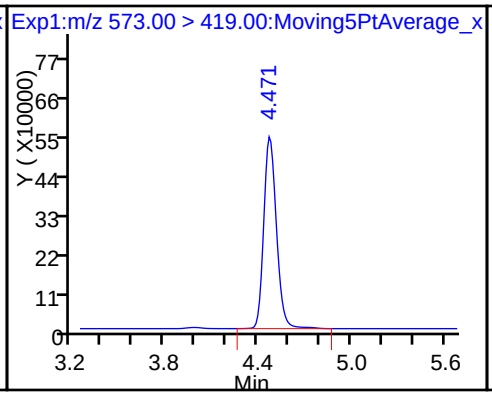
D 23 13C2 PFDA



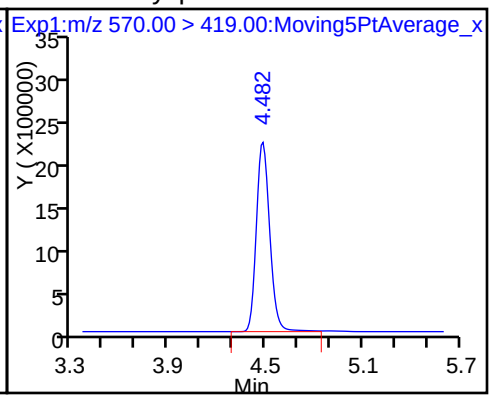
24 Perfluorodecanoic acid



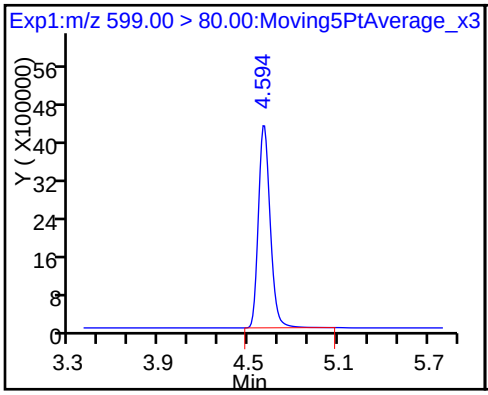
D 27 d3-NMeFOSAA



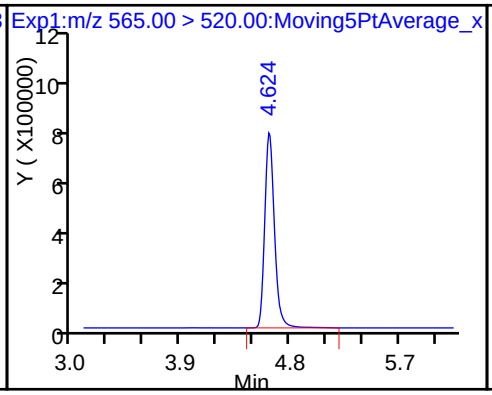
28 N-methyl perfluorooctane sulfonami



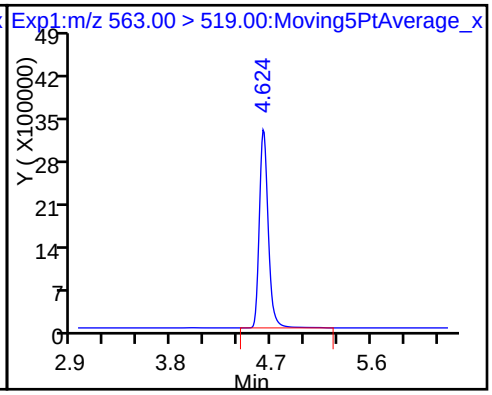
29 Perfluorodecane Sulfonic acid



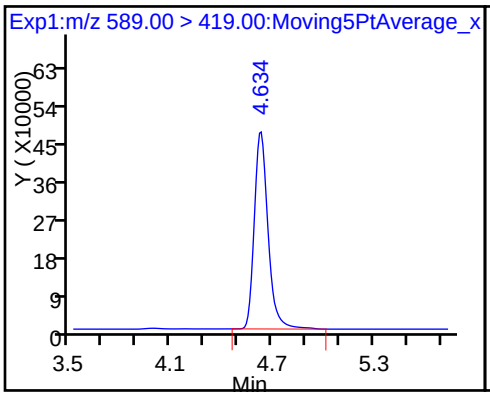
D 30 13C2 PFUnA



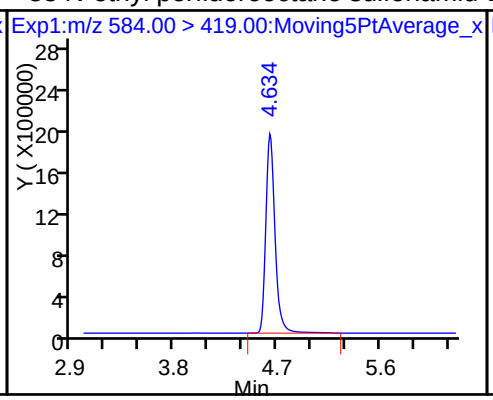
31 Perfluoroundecanoic acid



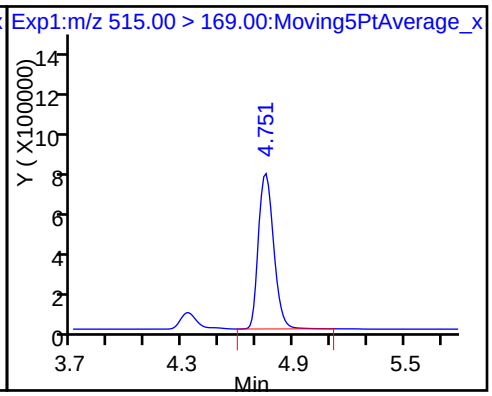
D 32 d5-NEtFOSAA



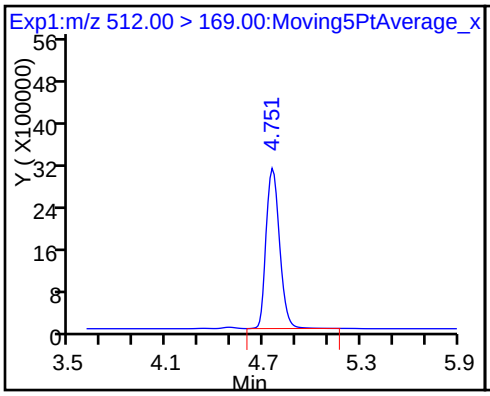
33 N-ethyl perfluorooctane sulfonamid



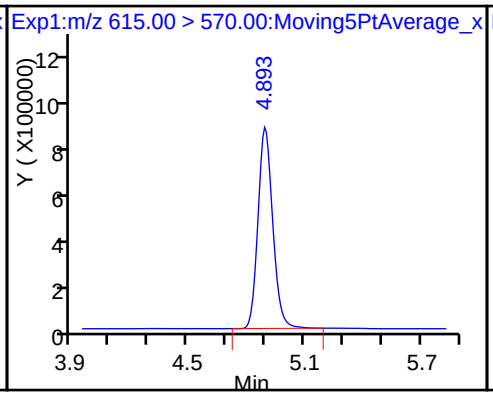
D 34 d-N-MeFOSA-M



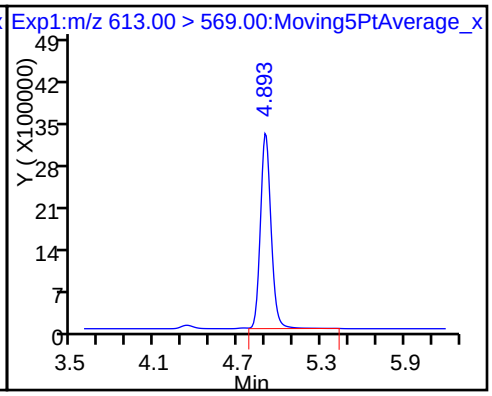
35 MeFOSA



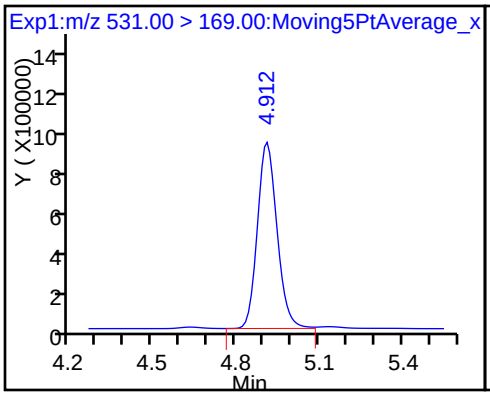
D 36 13C2 PFDoA



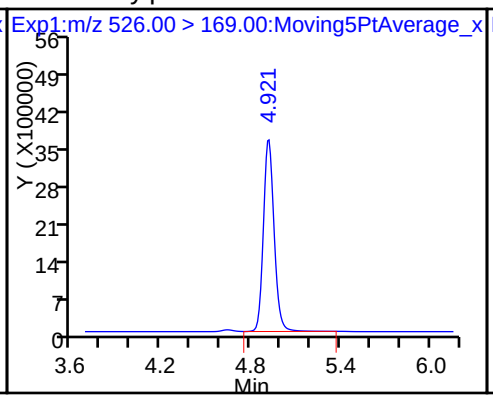
37 Perfluorododecanoic acid



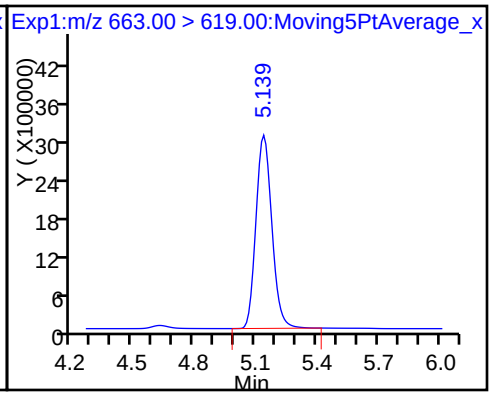
D 38 d-N-EtFOSA-M



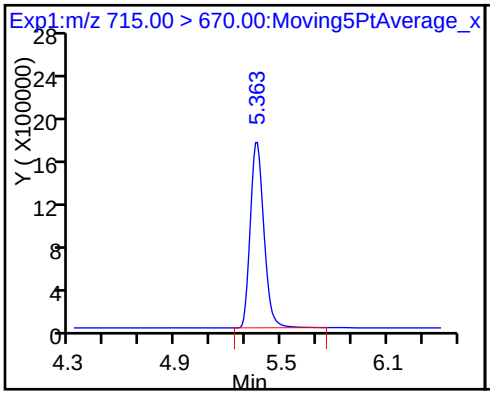
39 N-ethylperfluoro-1-octanesulfonami



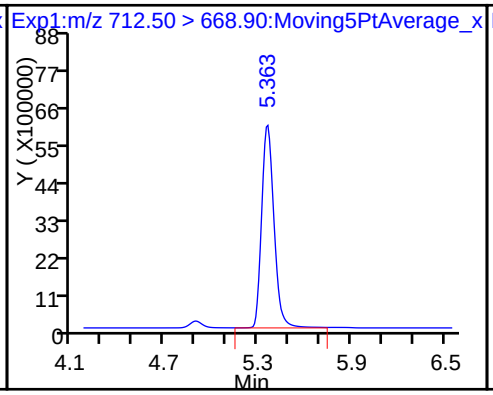
41 Perfluorotridecanoic acid



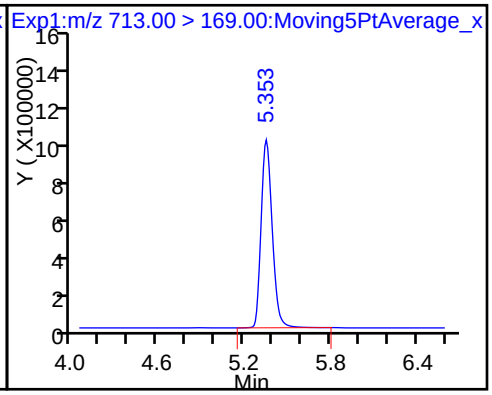
D 43 13C2-PFTeDA



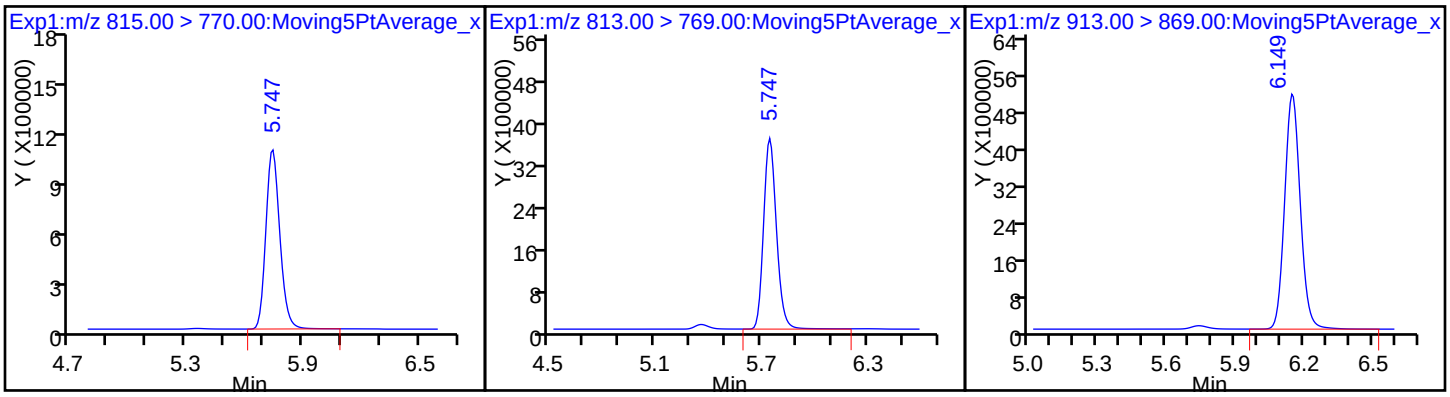
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: ICV 320-165218/11 Calibration Date: 05/18/2017 18:57

Instrument ID: A8_N Calib Start Date: 05/18/2017 17:49

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/18/2017 18:35

Lab File ID: 2017.05.18AA_012.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	1.006	0.8997		44.3	49.5	-10.5	25.0
Perfluoropentanoic acid (PFPeA)	AveID	1.100	0.9850		44.3	49.5	-10.5	25.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.595	1.457		40.0	43.8	-8.6	25.0
Perfluorohexanoic acid (PFHxA)	AveID	1.030	0.9319		44.8	49.5	-9.5	25.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.119	0.9787		43.3	49.5	-12.5	25.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.178	0.9857		39.2	46.8	-16.3	25.0
6:2FTS	AveID	0.9691	0.9709		47.0	46.9	0.2	25.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.292	1.185		43.2	47.1	-8.2	25.0
Perfluorooctanoic acid (PFOA)	AveID	1.149	1.043		44.9	49.5	-9.2	25.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.193	0.9494		37.6	47.3	-20.4	25.0
Perfluorononanoic acid (PFNA)	AveID	1.070	0.9523		44.1	49.5	-11.0	25.0
Perfluorooctane Sulfonamide (FOSA)	AveID	1.057	0.9543		44.7	49.5	-9.7	25.0
8:2FTS	AveID	0.9756	1.002		48.7	47.4	2.7	25.0
Perfluorodecanoic acid (PFDA)	AveID	1.024	0.8777		42.4	49.5	-14.3	25.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.047	0.9778		46.2	49.5	-6.6	25.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6867	0.6122		42.6	47.8	-10.8	25.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.178	0.997		41.9	49.5	-15.3	25.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9565	0.9379		48.5	49.5	-1.9	25.0
MeFOSA	AveID	0.9641	0.9916		50.9	49.5	2.9	25.0
Perfluorododecanoic acid (PFDoA)	AveID	1.014	0.8966		43.8	49.5	-11.6	25.0
N-EtFOSA-M	AveID	1.017	1.031		50.2	49.5	1.4	25.0
Perfluorotridecanoic Acid (PFTriA)	AveID	1.021	0.8988		43.6	49.5	-11.9	25.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.030		44.1	49.5	-10.9	25.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		0.9375		41.9	49.5	-15.5	25.0
Perfluoro-n-octadecanoic acid (PFODA)	L2ID		0.0362		19.2	49.5	-61.1*	25.0
13C4 PFBA	Ave	359776	362709		49.9	49.5	0.8	50.0
13C5-PFPeA	Ave	248689	248296		49.4	49.5	-0.2	50.0
13C2 PFHxA	Ave	243576	242738		49.3	49.5	-0.3	50.0
13C4-PFHpA	Ave	211904	213072		49.8	49.5	0.6	50.0
18O2 PFHxS	Ave	304465	305217		46.9	46.8	0.2	50.0
M2-6:2FTS	Ave	126131	112214		41.8	47.0	-11.0	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: ICV 320-165218/11 Calibration Date: 05/18/2017 18:57

Instrument ID: A8_N Calib Start Date: 05/18/2017 17:49

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/18/2017 18:35

Lab File ID: 2017.05.18AA_012.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	212791	207673		48.3	49.5	-2.4	50.0
13C4 PFOS	Ave	229280	226141		46.7	47.3	-1.4	50.0
13C5 PFNA	Ave	167851	166552		49.1	49.5	-0.8	50.0
13C8 FOSA	Ave	367124	361803		48.8	49.5	-1.4	50.0
13C2 PFDA	Ave	144503	147064		50.4	49.5	1.8	50.0
M2-8:2FTS	Ave	99091	90784		43.5	47.4	-8.4	50.0
d3-NMeFOSAA	Ave	64888	64716		49.4	49.5	-0.3	50.0
13C2 PFUnA	Ave	101742	101086		49.2	49.5	-0.6	50.0
d5-NEtFOSAA	Ave	63526	63470		49.5	49.5	-0.0	50.0
d-N-MeFOSA-M	Ave	99549	98727		49.1	49.5	-0.8	50.0
13C2 PFDoA	Ave	100236	99680		49.2	49.5	-0.6	50.0
d-N-EtFOSA-M	Ave	93251	94261		50.0	49.5	1.1	50.0
13C2-PFTeDA	Ave	204943	201241		48.6	49.5	-1.8	50.0
13C2-PFHxDA	Ave	118334	107420		44.9	49.5	-9.2	50.0

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_012.d
Lims ID: ICV Full
Client ID:
Sample Type: ICV
Inject. Date: 18-May-2017 18:57:39 ALS Bottle#: 36 Worklist Smp#: 11
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist:

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 11:11:06 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK021

First Level Reviewer: westendorfc Date: 19-May-2017 08:36:15

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.976	1.958	0.018		17955910	49.9		101	103657	
2 Perfluorobutyric acid										
212.90 > 169.00	1.976	1.962	0.014	1.000	16154618	44.3			5724	
D 3 13C5-PFPeA										
267.90 > 223.00	2.328	2.313	0.015		12291864	49.4		99.8	191966	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.328	2.317	0.011	1.000	12107712	44.3			3891	
D 47 13C3-PFBS										
301.90 > 83.00	2.368	2.352	0.016		296039	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.378	2.357	0.021	1.000	19488670	40.0				
298.90 > 99.00	2.368	2.357	0.011	0.996	8108033		2.40(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.661	2.648	0.012	1.000	4615859	53.3				
6 Perfluorohexanoic acid										
313.00 > 269.00	2.709	2.693	0.016	1.000	11198696	44.8			26976	
D 7 13C2 PFHxA										
315.00 > 270.00	2.709	2.694	0.015		12016746	49.3		99.7	35556	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.110	3.095	0.015	1.000	10323547	43.3			3989	
D 9 13C4-PFHpA										
367.00 > 322.00	3.110	3.095	0.015		10548128	49.8		101	43381	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.119	3.101	0.018	1.000	14074327	39.2				
D 11 18O2 PFHxS										
403.00 > 84.00	3.119	3.101	0.018		14293823	46.9		100	203424	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.481	3.472	0.009	1.000	5113014	47.0				
D 12 M2-6:2FTS										
429.00 > 409.00	3.481	3.472	0.009		5277374	41.8		89.0		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.503	3.491	0.012	1.000	12631185	43.2				
D 14 13C4 PFOA										
417.00 > 372.00	3.511	3.495	0.016		10280829	48.3		97.6	49410	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.511	3.496	0.015	1.000	10720937	44.9			992	
413.00 > 169.00	3.511	3.496	0.015	1.000	6220150		1.72(0.90-1.10)		13521	
D 18 13C4 PFOS										
503.00 > 80.00	3.878	3.863	0.015		10702499	46.7		98.6	15045	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.878	3.863	0.015	1.000	10150689	37.6			209582	
499.00 > 99.00	3.878	3.863	0.015	1.000	2399777		4.23(0.90-1.10)		12082	
20 Perfluorononanoic acid										
463.00 > 419.00	3.887	3.877	0.010	1.000	7852029	44.1			8232	
D 19 13C5 PFNA										
468.00 > 423.00	3.887	3.877	0.010		8245126	49.1		99.2	24706	
D 21 13C8 FOSA										
506.00 > 78.00	4.201	4.182	0.019		17911062	48.8		98.6	38687	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.201	4.183	0.018	1.000	17092559	44.7			42458	
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.228	4.220	0.008	1.000	4312948	48.7				
D 26 M2-8:2FTS										
529.00 > 509.00	4.228	4.220	0.008		4305518	43.5		91.6		
D 23 13C2 PFDA										
515.00 > 470.00	4.228	4.220	0.008		7280377	50.4		102	6999	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.238	4.222	0.016	1.000	6389773	42.4			7028	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.382	4.377	0.005		3203747	49.4		99.7		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.393	4.382	0.011	1.002	3132667	46.2				
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.517	4.505	0.012	1.000	6613295	42.6				
D 30 13C2 PFUnA										
565.00 > 520.00	4.537	4.532	0.005		5004247	49.2		99.4	18211	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.537	4.532	0.005	1.000	4989720	41.9			7519	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.547	4.533	0.014		3142076	49.5		99.9		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.547	4.540	0.007	1.000	2947077	48.5				
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.657	4.635	0.022		4887485	49.1		99.2		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
35 MeFOSA										
512.00 > 169.00	4.657	4.643	0.014	1.000	4846557	50.9				
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.820	4.802	0.018		4666373	50.0		101		
D 36 13C2 PFDoA										
615.00 > 570.00	4.820	4.809	0.011		4934630	49.2		99.4	3992	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.820	4.809	0.011	1.000	4424549	43.8			332	
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.829	4.810	0.019	1.000	4808702	50.2				
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.065	5.057	0.008	1.000	4435428	43.6			283	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.293	5.286	0.007		9962422	48.6		98.2	5327	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.293	5.286	0.007	1.000	10016795	44.1			115	
713.00 > 169.00	5.283	5.286	-0.003	0.998	1317919		7.60(0.00-0.00)		2572	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.685	5.684	0.001		5317800	44.9		90.8	2033	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.685	5.687	-0.002	1.000	4626223	41.9			166	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.703	5.709	-0.007	1.000	178545	19.2			381	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFCIC_FULL_00002 Amount Added: 1.00 Units: mL

Report Date: 19-May-2017 11:11:07 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_012.d

Injection Date: 18-May-2017 18:57:39 Instrument ID: A8_N

Lims ID: ICV Full

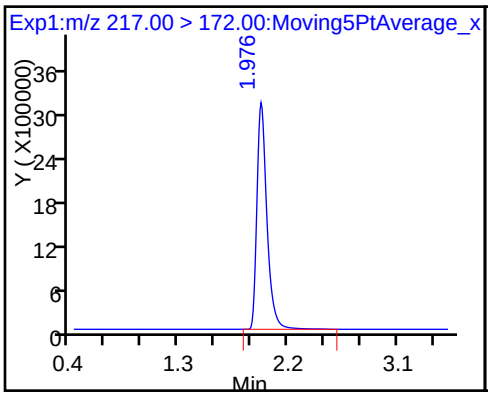
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 36 Worklist Smp#: 11

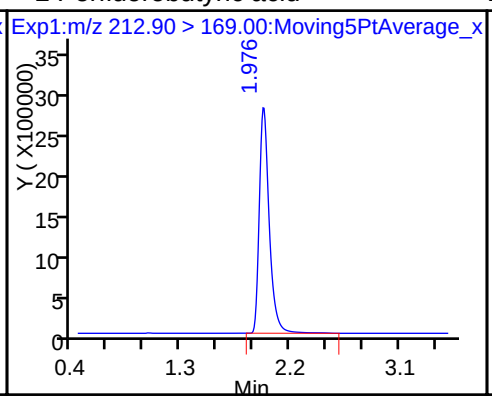
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

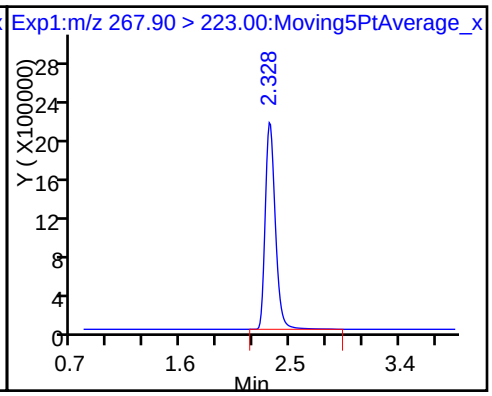
D 1 13C4 PFBA



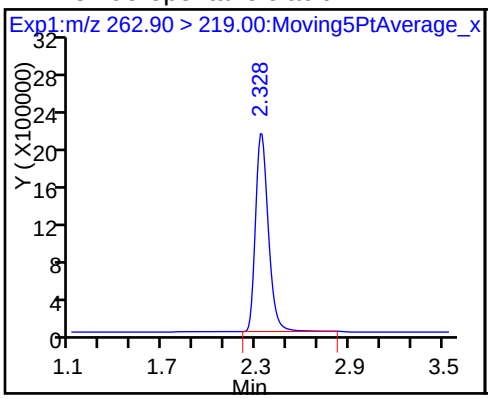
2 Perfluorobutyric acid



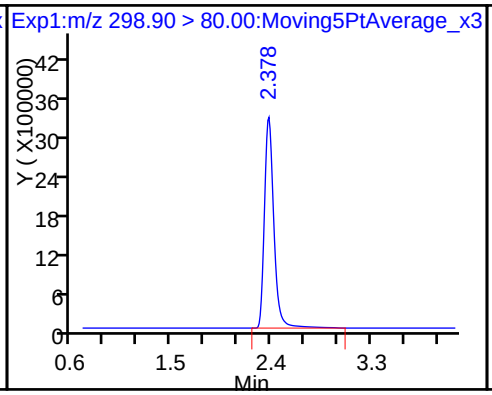
D 3 13C5-PFPeA



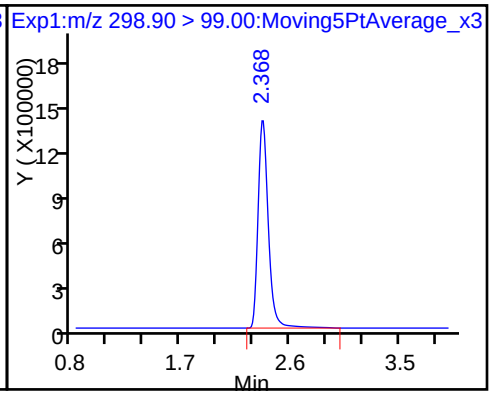
4 Perfluoropentanoic acid



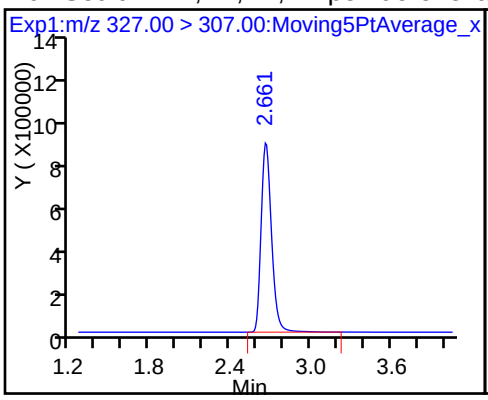
5 Perfluorobutanesulfonic acid



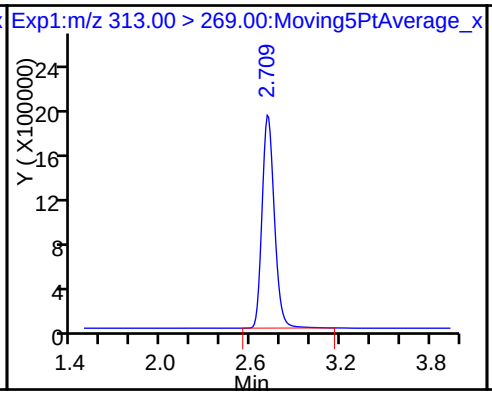
5 Perfluorobutanesulfonic acid



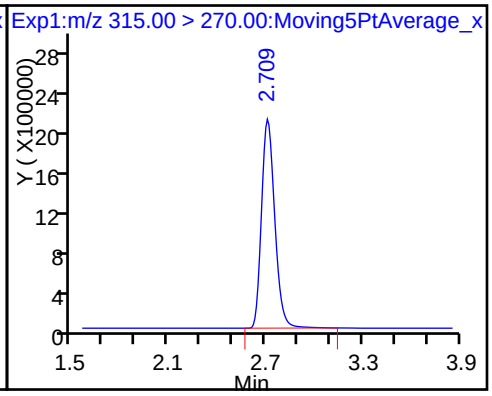
61 Sodium 1H,1H,2H,2H-perfluorohexane



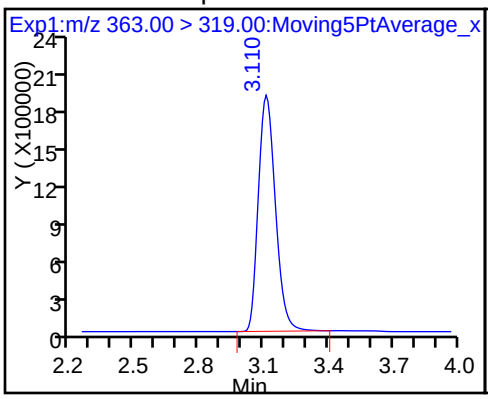
6 Perfluorohexanoic acid



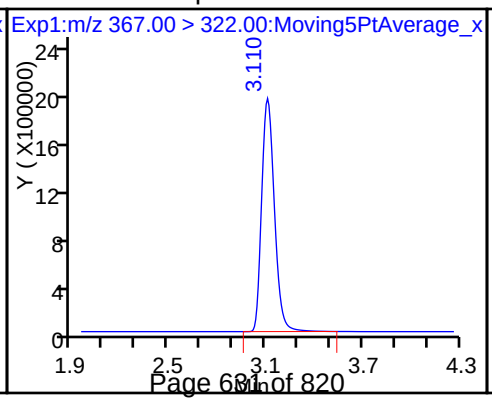
D 7 13C2 PFHxA



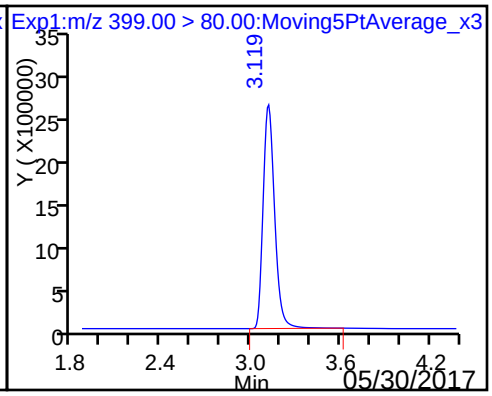
10 Perfluoroheptanoic acid



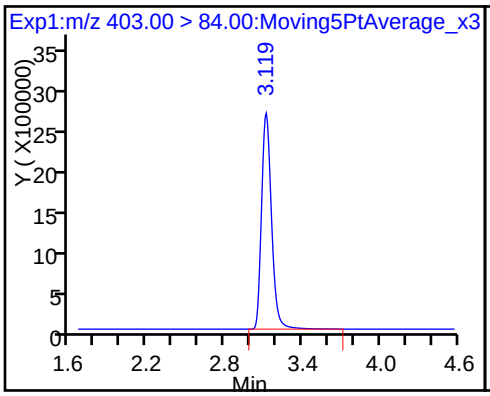
D 9 13C4-PFHpA



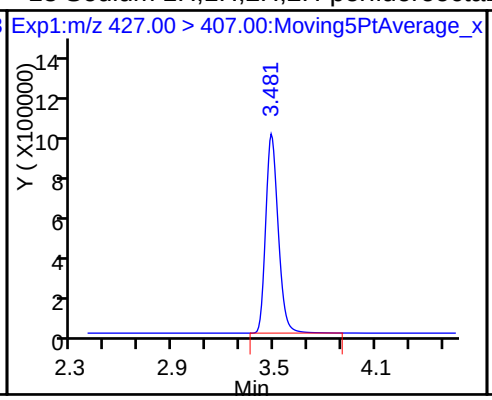
8 Perfluorohexanesulfonic acid



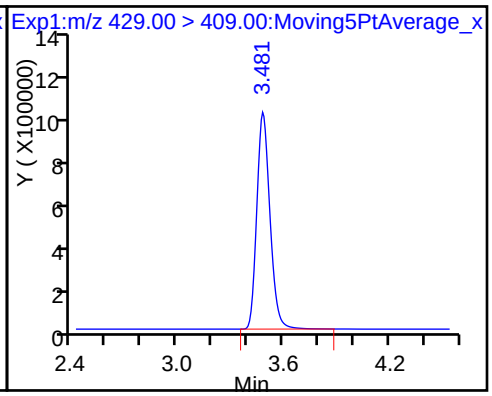
D 11 18O2 PFHxS



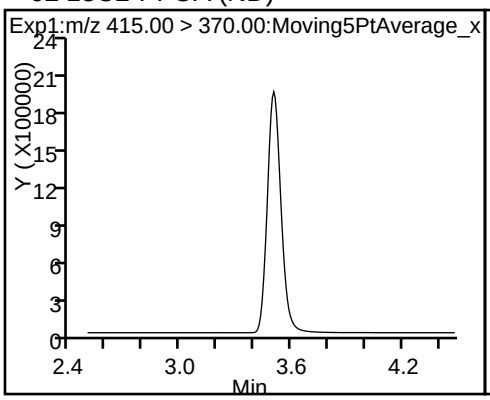
13 Sodium 1H,1H,2H,2H-perfluorooctane



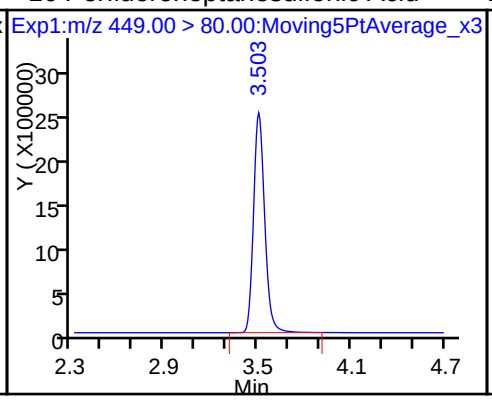
D 12 M2-6:2FTS



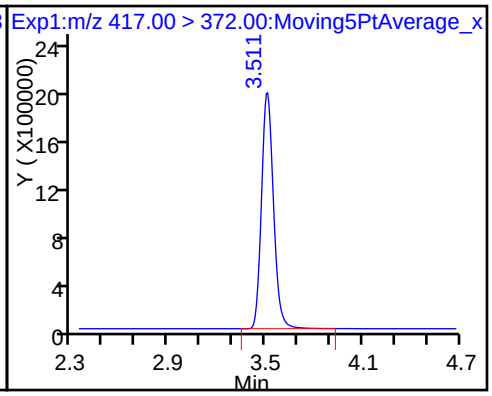
* 62 13C2-PFOA (ND)



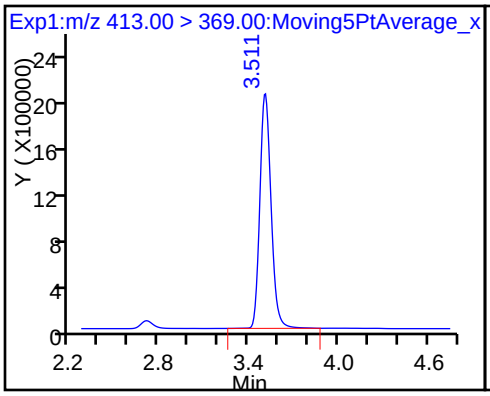
16 Perfluoroheptanesulfonic Acid



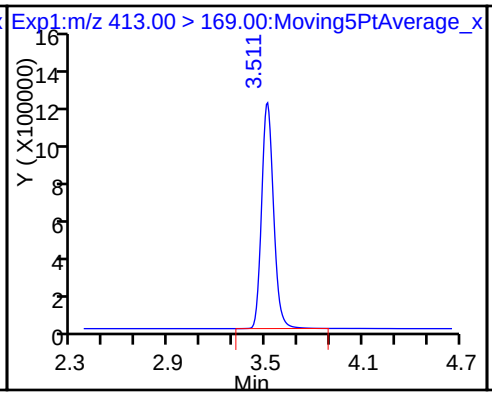
D 14 13C4 PFOA



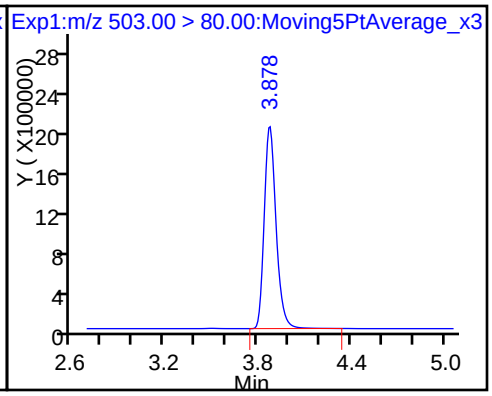
15 Perfluorooctanoic acid



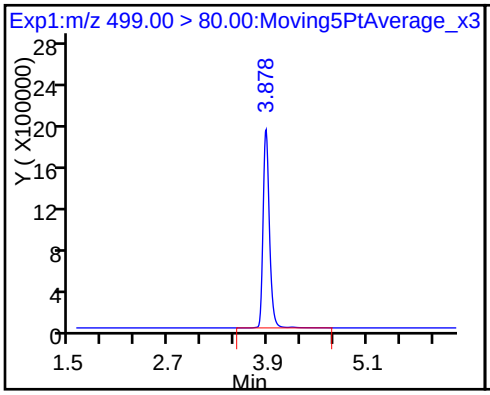
15 Perfluorooctanoic acid



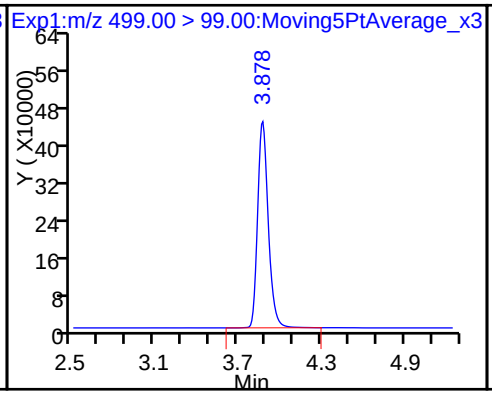
D 18 13C4 PFOS



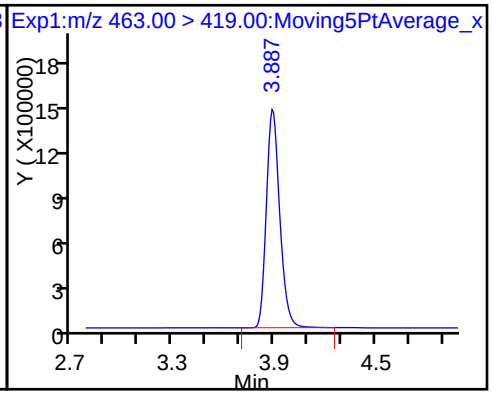
17 Perfluorooctane sulfonic acid



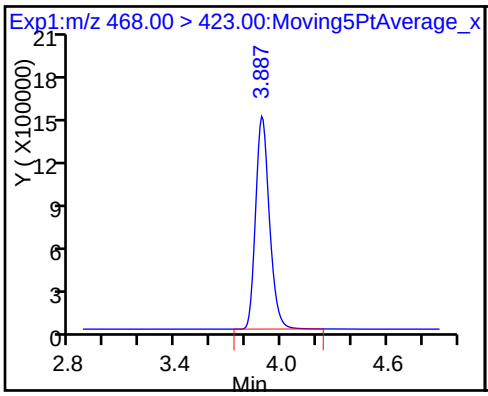
17 Perfluorooctane sulfonic acid



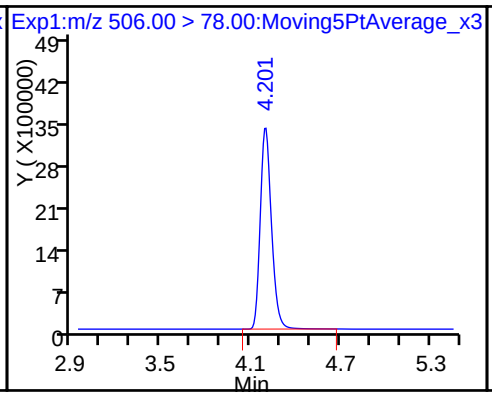
20 Perfluorononanoic acid



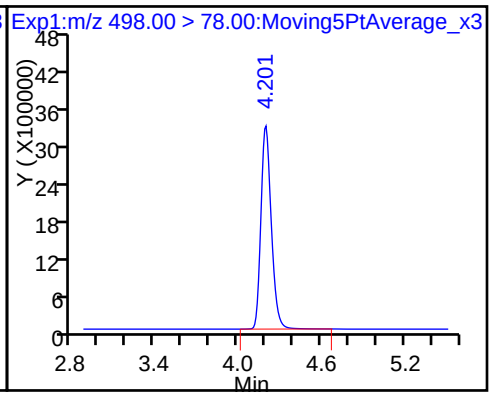
D 19 13C5 PFNA



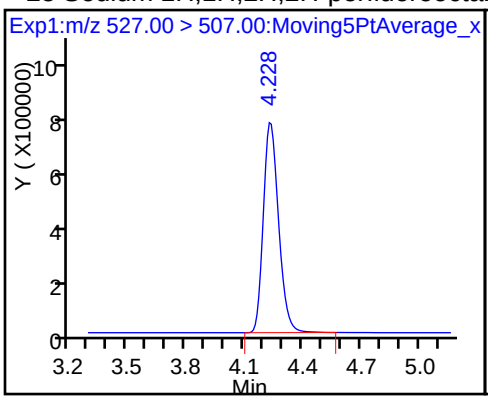
D 21 13C8 FOSA



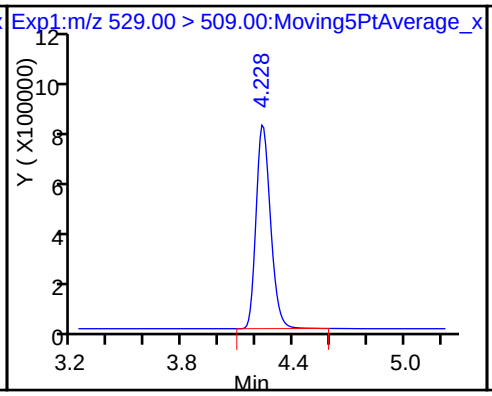
22 Perfluorooctane Sulfonamide



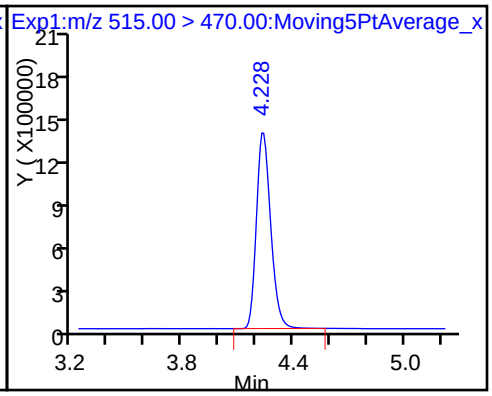
25 Sodium 1H,1H,2H,2H-perfluorooctane



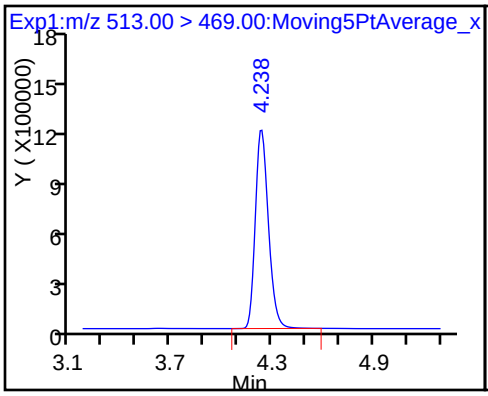
D 26 M2-8:2FTS



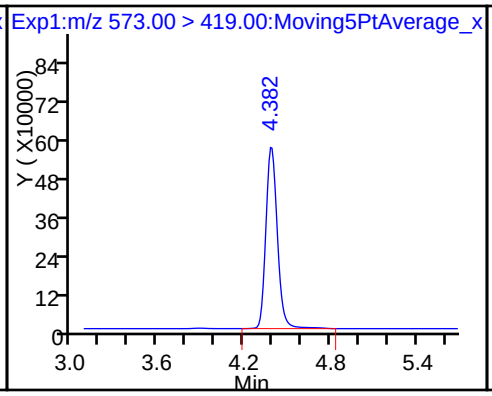
D 23 13C2 PFDA



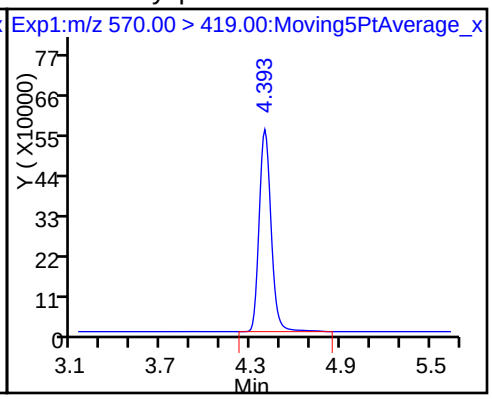
24 Perfluorodecanoic acid



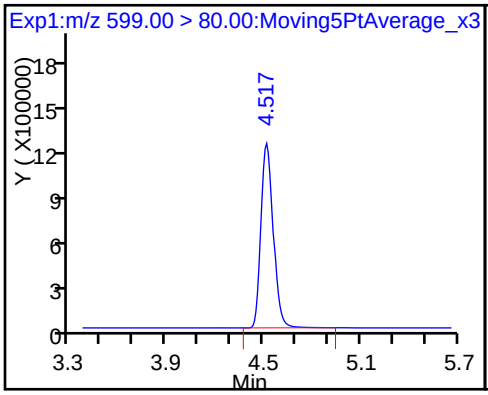
D 27 d3-NMeFOSAA



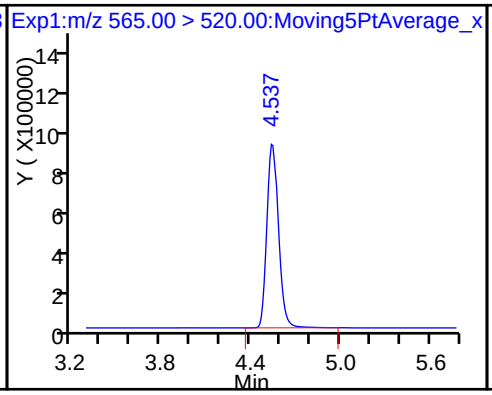
28 N-methyl perfluorooctane sulfonami



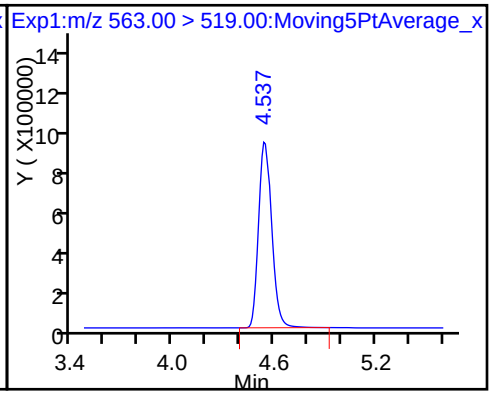
29 Perfluorodecane Sulfonic acid



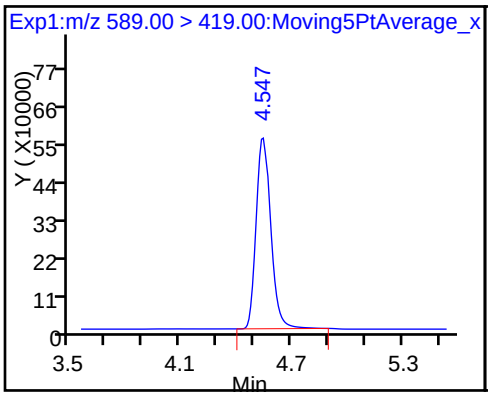
D 30 13C2 PFUnA



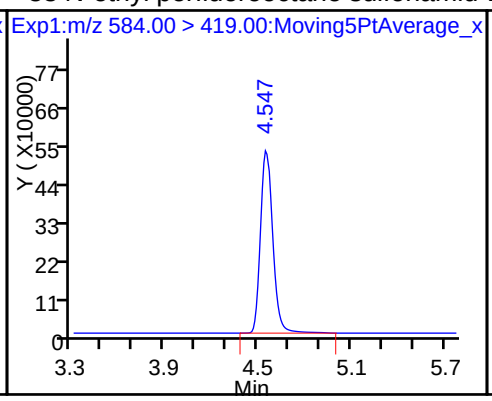
31 Perfluoroundecanoic acid



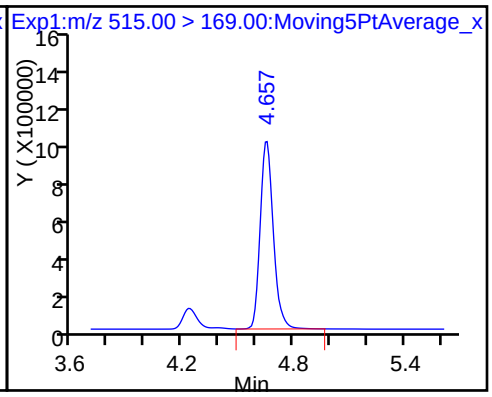
D 32 d5-NEtFOSAA



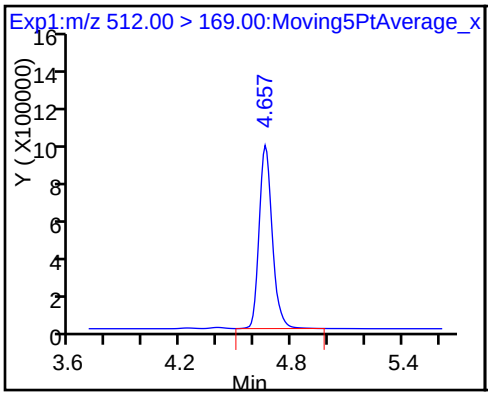
33 N-ethyl perfluorooctane sulfonamid



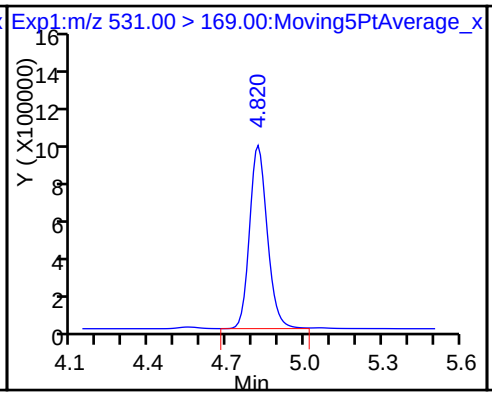
D 34 d-N-MeFOSA-M



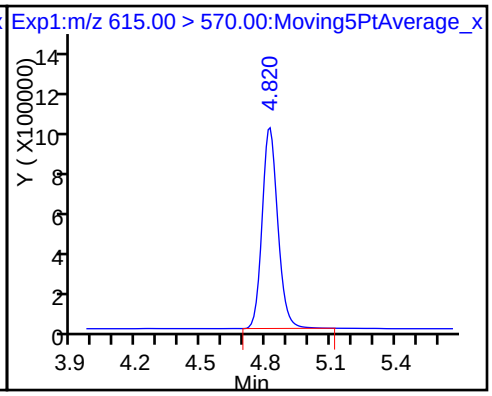
35 MeFOSA



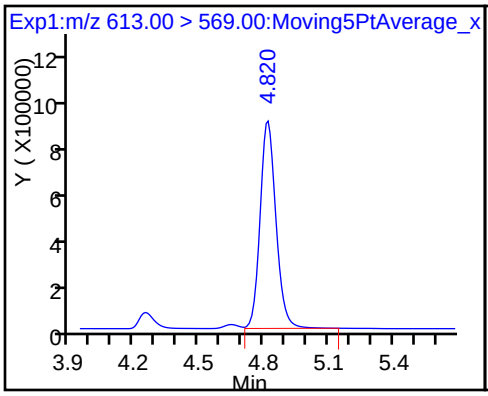
D 38 d-N-EtFOSA-M



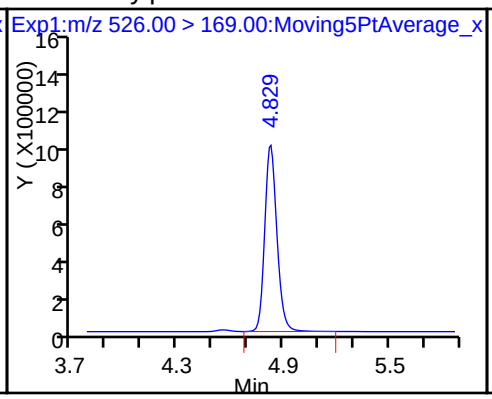
D 36 13C2 PFDoA



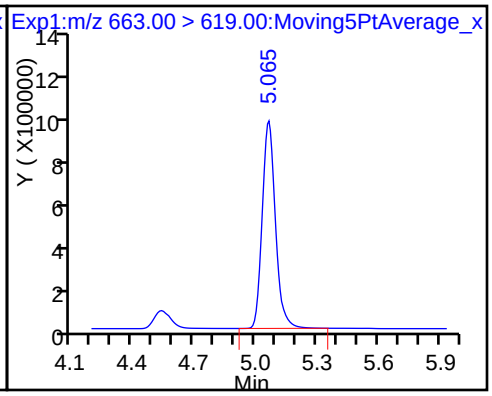
37 Perfluorododecanoic acid



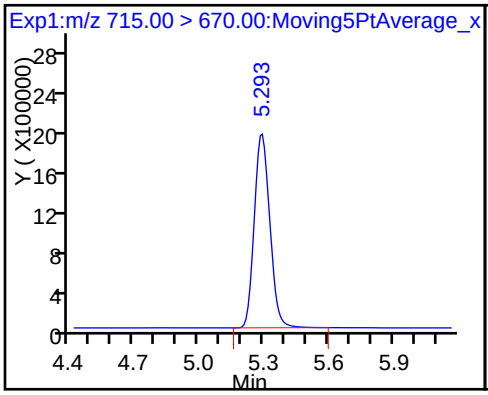
39 N-ethylperfluoro-1-octanesulfonami



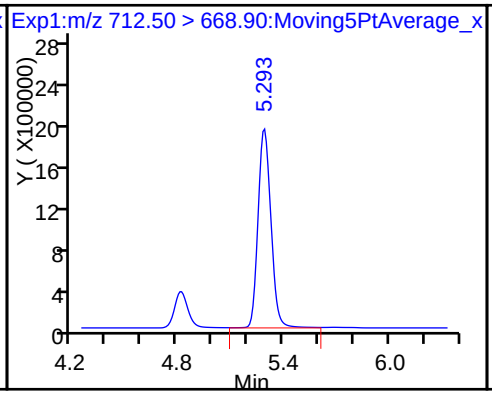
41 Perfluorotridecanoic acid



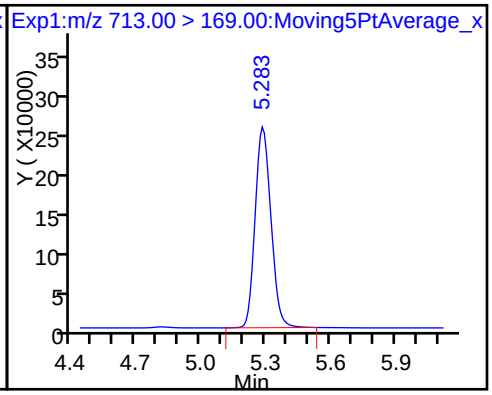
D 43 13C2-PFTeDA



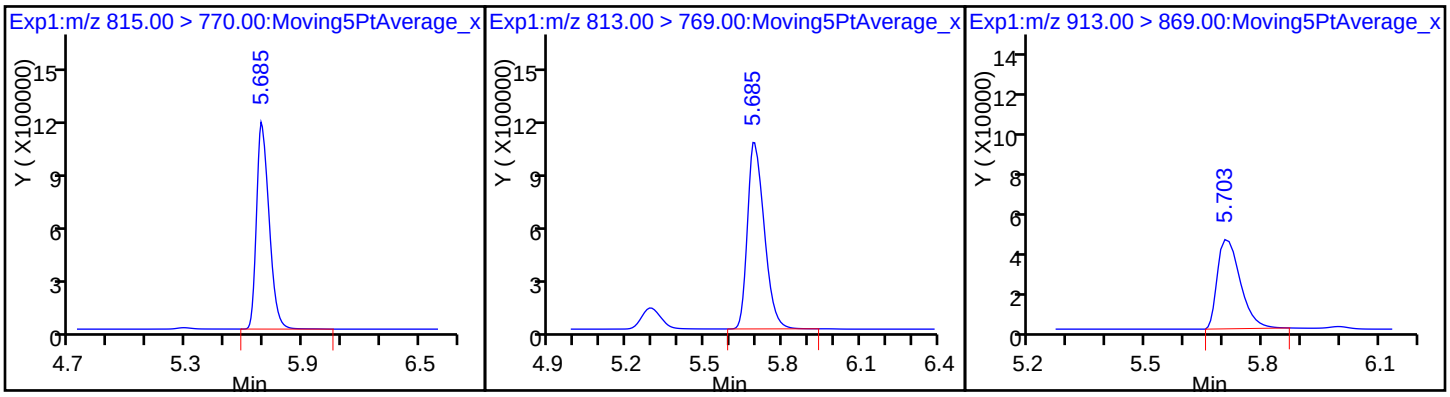
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: CCV 320-165301/1 Calibration Date: 05/19/2017 06:44

Instrument ID: A8_N Calib Start Date: 05/18/2017 17:49

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/18/2017 18:35

Lab File ID: 2017.05.18D_001.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	1.006	1.062		20.9	19.8	5.6	25.0
Perfluoropentanoic acid (PFPeA)	AveID	1.100	1.158		20.8	19.8	5.3	25.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.595	1.686		18.5	17.5	5.7	25.0
Perfluorohexanoic acid (PFHxA)	AveID	1.030	1.049		20.2	19.8	1.8	25.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.119	1.188		21.0	19.8	6.1	25.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.178	1.161		17.8	18.0	-1.4	25.0
6:2FTS	AveID	0.9691	1.022		19.8	18.8	5.4	25.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.292	1.329		19.4	18.9	2.9	25.0
Perfluorooctanoic acid (PFOA)	AveID	1.149	1.148		19.8	19.8	-0.0	25.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.193	1.188		18.3	18.4	-0.4	25.0
Perfluorononanoic acid (PFNA)	AveID	1.070	1.106		20.5	19.8	3.4	25.0
Perfluorooctane Sulfonamide (FOSA)	AveID	1.057	1.128		21.1	19.8	6.7	25.0
8:2FTS	AveID	0.9756	1.023		19.9	19.0	4.9	25.0
Perfluorodecanoic acid (PFDA)	AveID	1.024	1.070		20.7	19.8	4.5	25.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.047	1.076		20.4	19.8	2.8	25.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6867	0.7110		19.8	19.1	3.5	25.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.178	1.141		19.2	19.8	-3.1	25.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9565	0.9825		20.3	19.8	2.7	25.0
MeFOSA	AveID	0.9641	0.997		20.5	19.8	3.4	25.0
Perfluorododecanoic acid (PFDoA)	AveID	1.014	1.033		20.2	19.8	1.9	25.0
N-EtFOSA-M	AveID	1.017	1.034		20.1	19.8	1.7	25.0
Perfluorotridecanoic Acid (PFTriA)	AveID	1.021	1.071		20.8	19.8	5.0	25.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.350		20.4	19.8	2.8	25.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		1.190		20.8	19.8	5.0	25.0
Perfluoro-n-octadecanoic acid (PFODA)	L2ID		0.0590		11.1	19.8	-44.2*	25.0
13C4 PFBA	Ave	359776	370740		51.0	49.5	3.0	50.0
13C5-PFPeA	Ave	248689	248260		49.4	49.5	-0.2	50.0
13C2 PFHxA	Ave	243576	246730		50.1	49.5	1.3	50.0
13C4-PFHpA	Ave	211904	218759		51.1	49.5	3.2	50.0
18O2 PFHxS	Ave	304465	331249		51.0	46.8	8.8	50.0
M2-6:2FTS	Ave	126131	151918		56.6	47.0	20.4	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: CCV 320-165301/1 Calibration Date: 05/19/2017 06:44

Instrument ID: A8_N Calib Start Date: 05/18/2017 17:49

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/18/2017 18:35

Lab File ID: 2017.05.18D_001.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	212791	248746		57.9	49.5	16.9	50.0
13C4 PFOS	Ave	229280	244111		50.4	47.3	6.5	50.0
13C5 PFNA	Ave	167851	191748		56.6	49.5	14.2	50.0
13C8 FOSA	Ave	367124	381840		51.5	49.5	4.0	50.0
13C2 PFDA	Ave	144503	159325		54.6	49.5	10.3	50.0
M2-8:2FTS	Ave	99091	124539		59.6	47.4	25.7	50.0
d3-NMeFOSAA	Ave	64888	76081		58.0	49.5	17.2	50.0
13C2 PFUnA	Ave	101742	123567		60.1	49.5	21.5	50.0
d5-NEtFOSAA	Ave	63526	76593		59.7	49.5	20.6	50.0
d-N-MeFOSA-M	Ave	99549	104811		52.1	49.5	5.3	50.0
13C2 PFDoA	Ave	100236	125843		62.2	49.5	25.5	50.0
d-N-EtFOSA-M	Ave	93251	98355		52.2	49.5	5.5	50.0
13C2-PFTeDA	Ave	204943	259640		62.7	49.5	26.7	50.0
13C2-PFHxDA	Ave	118334	149619		62.6	49.5	26.4	50.0

FORM VII 537 (Modified)

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_001.d
Lims ID: CCV L4
Client ID:
Sample Type: CCV
Inject. Date: 19-May-2017 06:44:09 ALS Bottle#: 31 Worklist Smp#: 1
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: CCV L4
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub18

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 14:09:14 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK011

First Level Reviewer: chandrasenas Date: 19-May-2017 13:37:57

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.993	2.009	-0.016		18353447	51.0		103	110440	
2 Perfluorobutyric acid										
212.90 > 169.00	1.993	2.009	-0.016	1.000	7793129	20.9		106	1203	
D 3 13C5-PFPeA										
267.90 > 223.00	2.348	2.358	-0.010		12290118	49.4		99.8	160795	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.348	2.358	-0.010	1.000	5693252	20.8		105	1141	
D 47 13C3-PFBS										
301.90 > 83.00	2.388	2.398	-0.010		316865	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.388	2.398	-0.010	1.000	9777828	18.5		106		
298.90 > 99.00	2.388	2.398	-0.010	1.000	3941422		2.48(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.674	2.693	-0.019	1.000	1868946	15.9		86.2		
D 7 13C2 PFHxA										
315.00 > 270.00	2.722	2.732	-0.010		12214354	50.1		101	266018	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.722	2.742	-0.020	1.000	5123817	20.2		102	5576	
D 9 13C4-PFHpA										
367.00 > 322.00	3.115	3.130	-0.015		10829673	51.1		103	33633	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.115	3.130	-0.015	1.000	5144742	21.0		106	2108	
D 11 18O2 PFHxS										
403.00 > 84.00	3.123	3.138	-0.015		15512946	51.0		109	321655	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.123	3.138	-0.015	1.000	6928656	17.8		98.6		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2FTS										
429.00 > 409.00	3.492	3.509	-0.017		7144638	56.6		120		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.492	3.509	-0.017	1.000	2913573	19.8		105		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.507	3.524	-0.017	1.000	6117384	19.4		103		
* 62 13C2-PFOA										
415.00 > 370.00	3.507	3.524	-0.017		11976867	49.5		100		
D 14 13C4 PFOA										
417.00 > 372.00	3.515	3.531	-0.016		12314149	57.9		117	58798	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.515	3.531	-0.016	1.000	5655384	19.8		99.9	588	
413.00 > 169.00	3.515	3.531	-0.016	1.000	3250535		1.74(0.90-1.10)		8155	
D 18 13C4 PFOS										
503.00 > 80.00	3.883	3.890	-0.007		11552982	50.4		106	18967	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.883	3.890	-0.007	1.000	5329153	18.3		99.6	41718	
499.00 > 99.00	3.883	3.890	-0.007	1.000	1213444		4.39(0.90-1.10)		4966	
D 19 13C5 PFNA										
468.00 > 423.00	3.892	3.907	-0.015		9492454	56.6		114	27323	
20 Perfluorononanoic acid										
463.00 > 419.00	3.892	3.907	-0.015	1.000	4199467	20.5		103	4294	
D 21 13C8 FOSA										
506.00 > 78.00	4.211	4.221	-0.010		18902991	51.5		104	57953	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.211	4.221	-0.010	1.000	8527920	21.1		107	79196	
D 23 13C2 PFDA										
515.00 > 470.00	4.237	4.251	-0.014		7887365	54.6		110	9373	
D 26 M2-8:2FTS										
529.00 > 509.00	4.237	4.251	-0.014		5906337	59.6		126		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.237	4.251	-0.014	1.000	2417090	19.9		105		
24 Perfluorodecanoic acid										
513.00 > 469.00	4.237	4.251	-0.014	1.000	3374888	20.7		105	4412	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.390	4.398	-0.008		3766396	58.0		117		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.400	4.409	-0.009	1.002	1621775	20.4		103		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.525	4.535	-0.010	1.000	3313046	19.8		104		
D 30 13C2 PFUnA										
565.00 > 520.00	4.544	4.555	-0.011		6117182	60.1		121	21774	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.544	4.555	-0.011	1.000	2791609	19.2		96.9	4086	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.544	4.555	-0.011		3791713	59.7		121		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.554	4.565	-0.011	1.002	1490167	20.3		103		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.669	4.678	-0.009		5188643	52.1		105		
35 MeFOSA										
512.00 > 169.00	4.678	4.687	-0.009	1.000	2068596	20.5		103		
D 36 13C2 PFDoA										
615.00 > 570.00	4.820	4.833	-0.013		6229876	62.2		126	10212	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.820	4.833	-0.013	1.000	2574543	20.2		102	180	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.839	4.852	-0.013		4869065	52.2		105		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.848	4.852	-0.004	1.000	2013496	20.1		102		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.068	5.073	-0.005	1.000	2669904	20.8		105	160	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.301	5.301	0.0	1.000	5855713	20.4		103	91.9	
713.00 > 169.00	5.292	5.301	-0.009	0.998	774436		7.56(0.00-0.00)		2069	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.292	5.301	-0.009		12853447	62.7		127	8086	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.686	5.693	-0.007		7406864	62.6		126	3672	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.686	5.693	-0.007	1.000	2965326	20.8		105	121	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.704	5.703	0.001	1.000	146983	11.1		55.8	180	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L4_00002 Amount Added: 1.00 Units: mL

Report Date: 19-May-2017 14:09:14 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_001.d

Injection Date: 19-May-2017 06:44:09 Instrument ID: A8_N

Lims ID: CCV L4

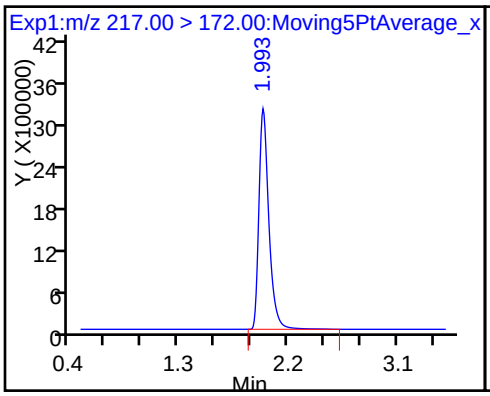
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 31 Worklist Smp#: 1

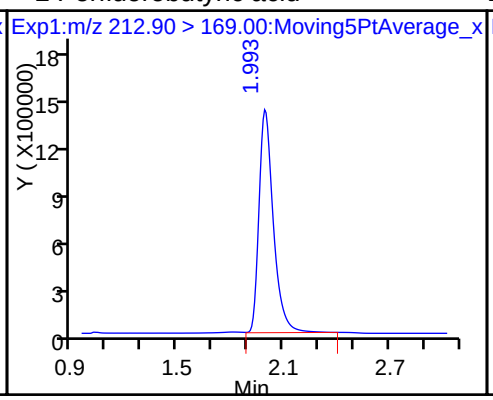
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

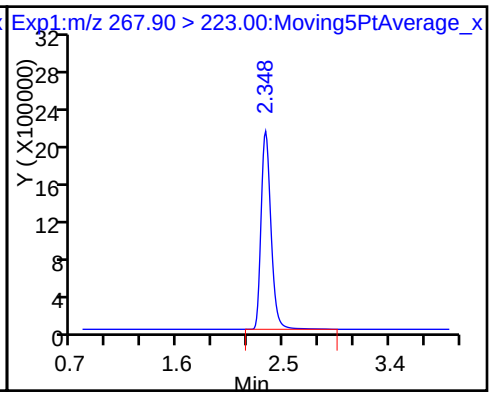
D 1 13C4 PFBA



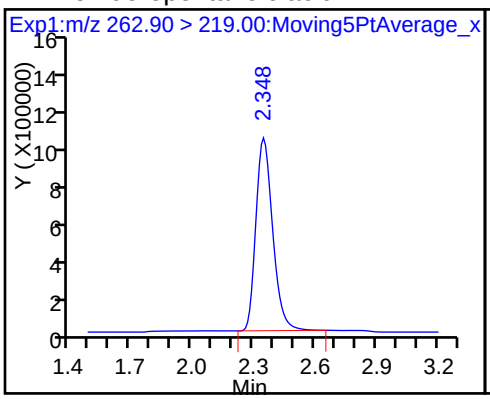
2 Perfluorobutyric acid



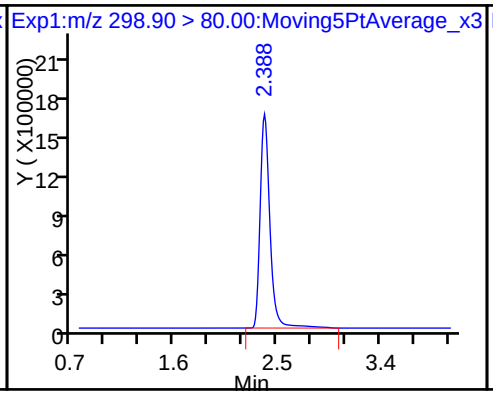
D 3 13C5-PFPeA



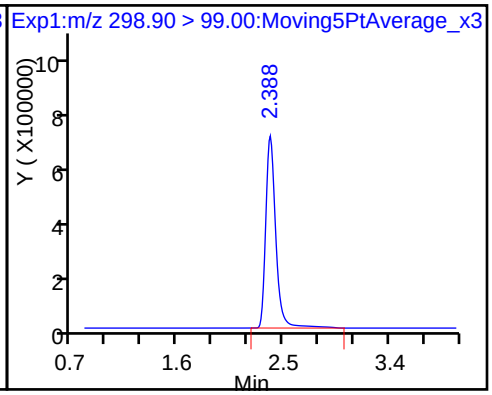
4 Perfluoropentanoic acid



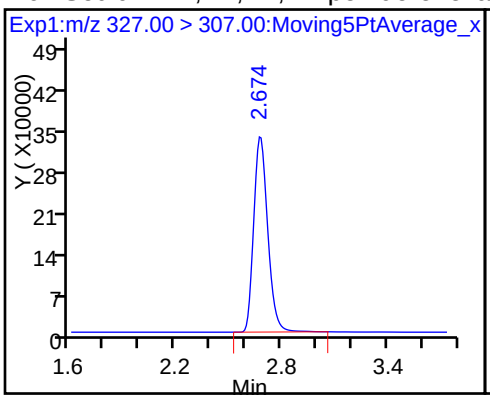
5 Perfluorobutanesulfonic acid



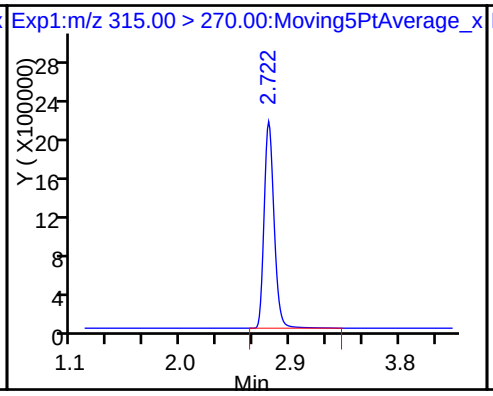
5 Perfluorobutanesulfonic acid



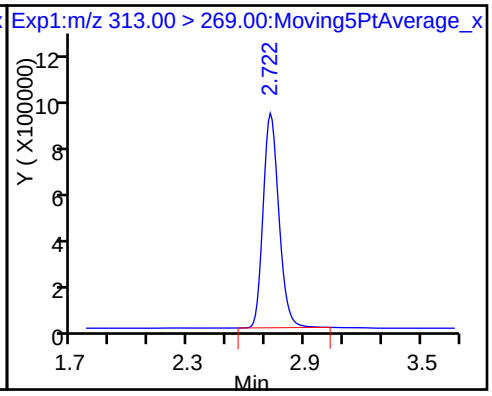
61 Sodium 1H,1H,2H,2H-perfluorohexane



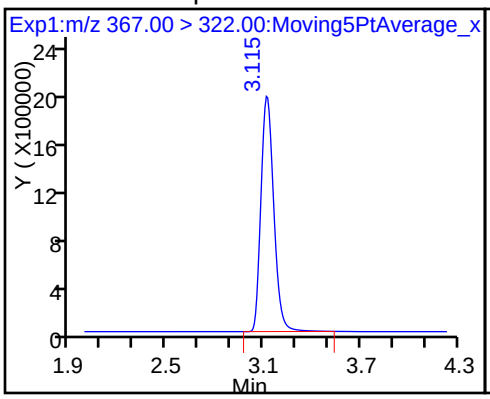
D 7 13C2 PFHxA



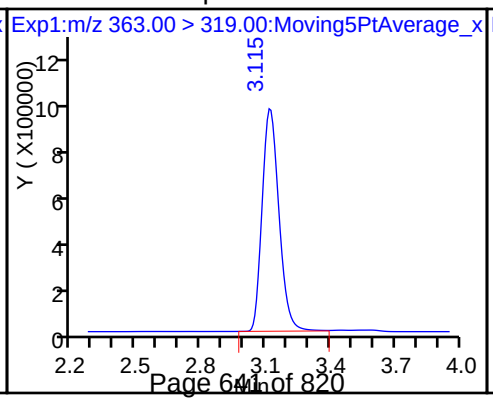
6 Perfluorohexanoic acid



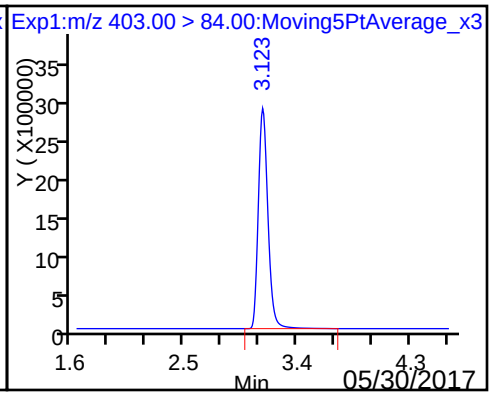
D 9 13C4-PFHpA



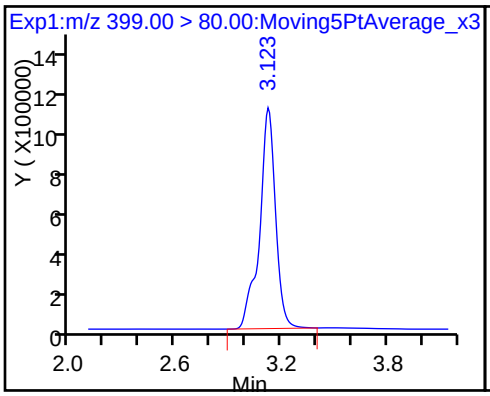
10 Perfluoroheptanoic acid



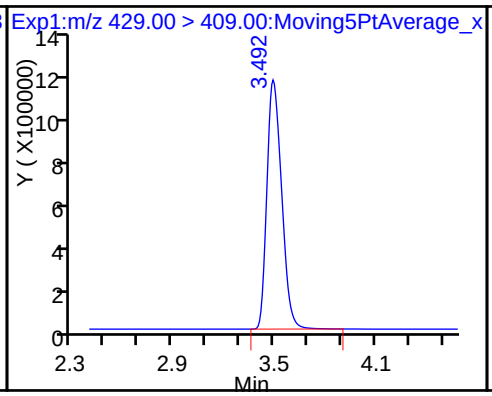
D 11 18O2 PFHxS



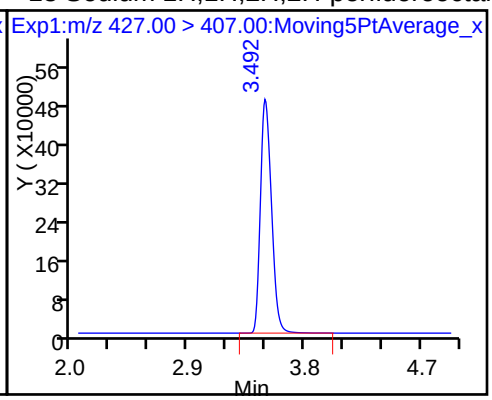
8 Perfluorohexanesulfonic acid



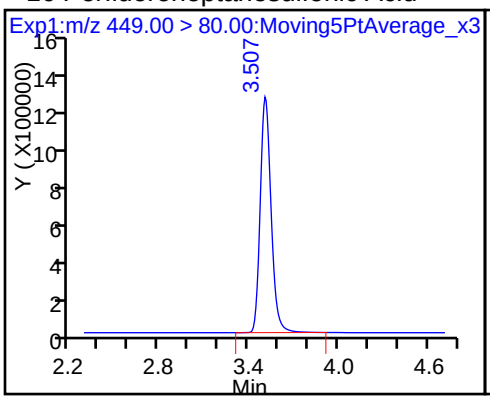
D 12 M2-6:2FTS



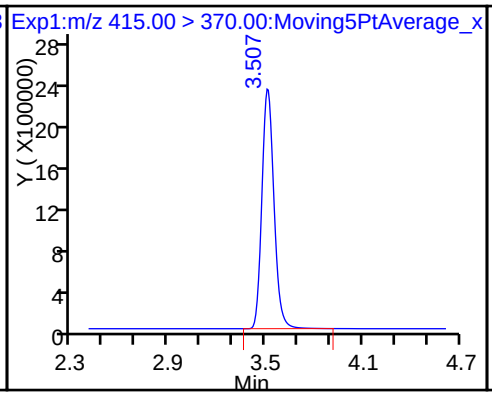
13 Sodium 1H,1H,2H,2H-perfluorooctane



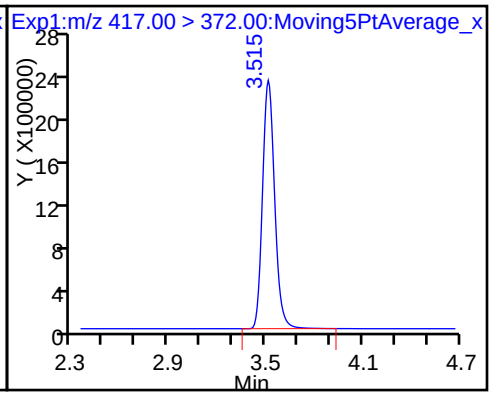
16 Perfluoroheptanesulfonic Acid



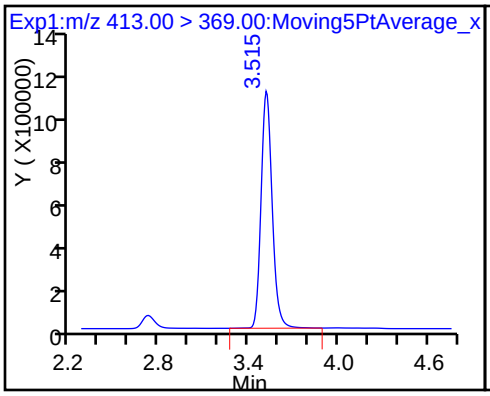
* 62 13C2-PFOA



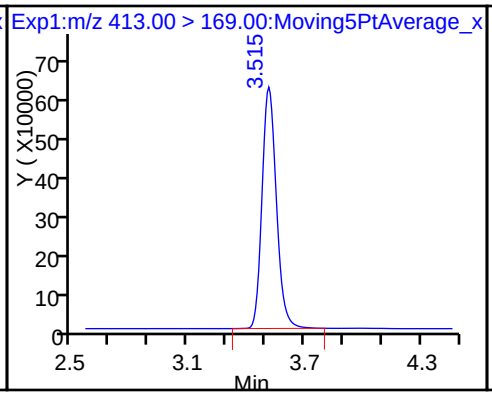
D 14 13C4 PFOA



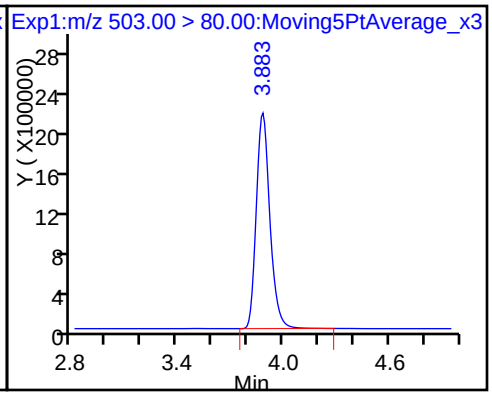
15 Perfluorooctanoic acid



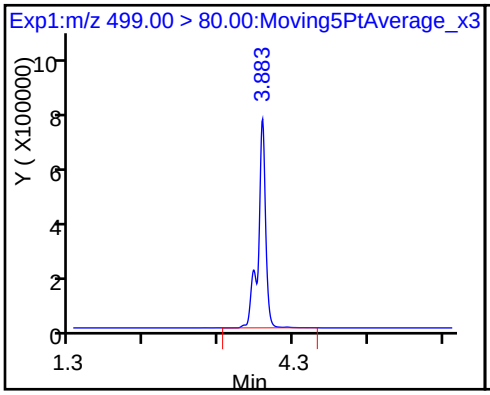
15 Perfluorooctanoic acid



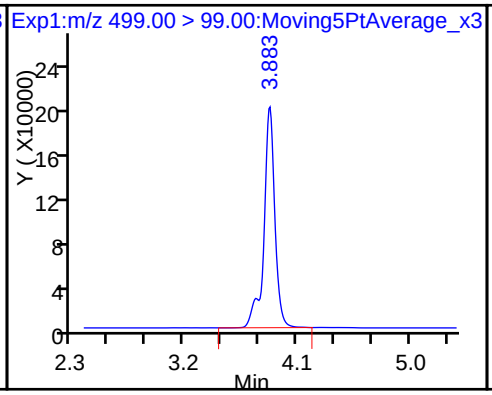
D 18 13C4 PFOS



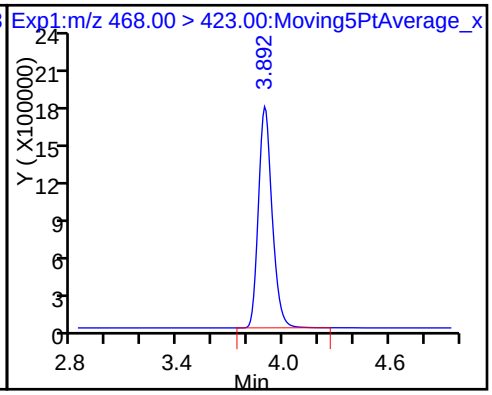
17 Perfluorooctane sulfonic acid



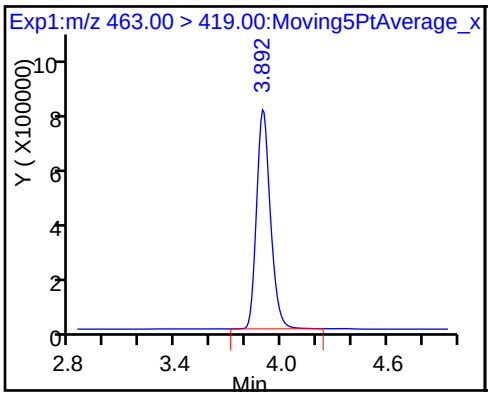
17 Perfluorooctane sulfonic acid



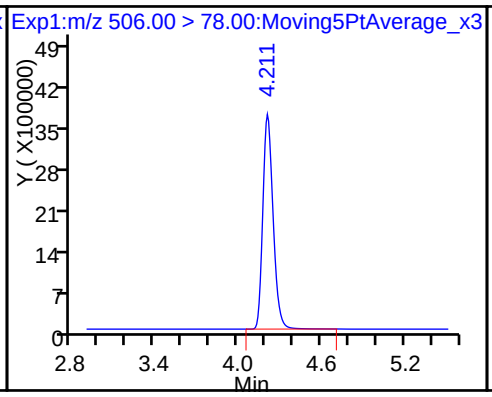
D 19 13C5 PFNA



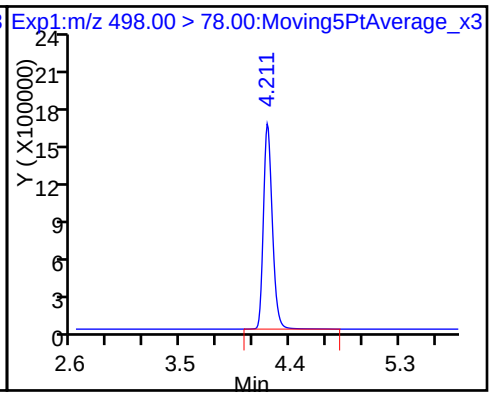
20 Perfluorononanoic acid



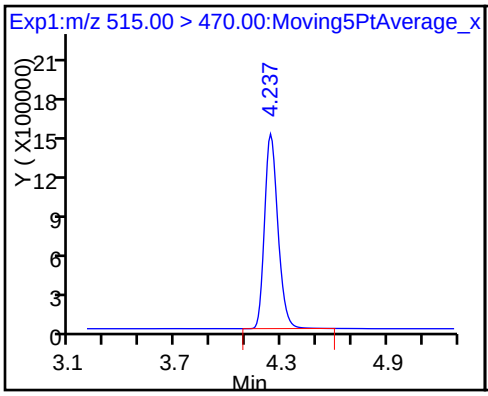
D 21 13C8 FOSA



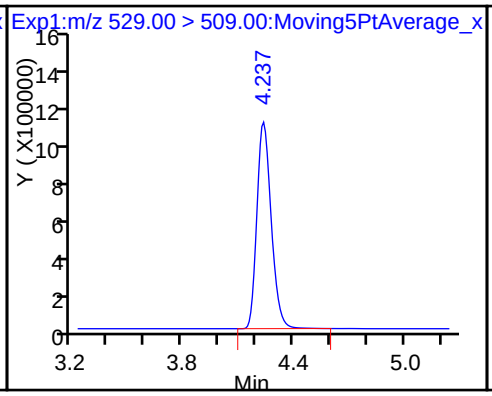
22 Perfluorooctane Sulfonamide



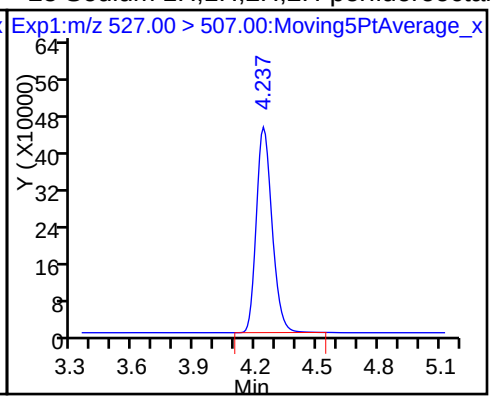
D 23 13C2 PFDA



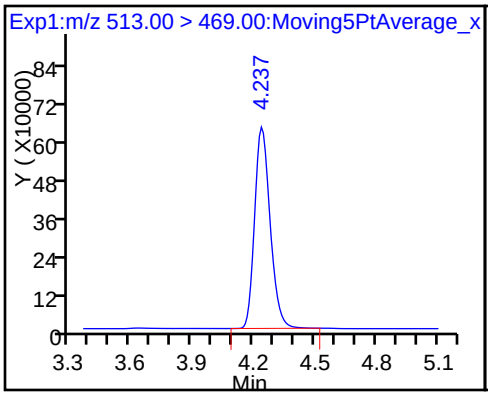
D 26 M2-8:2FTS



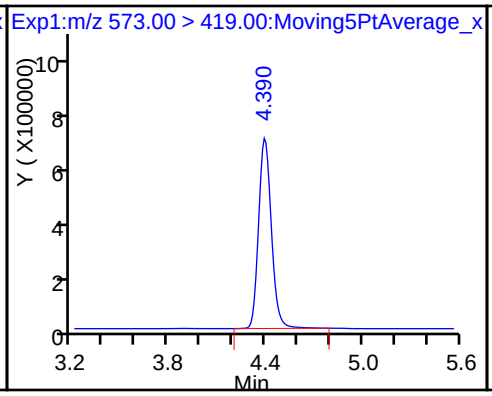
25 Sodium 1H,1H,2H,2H-perfluorooctane



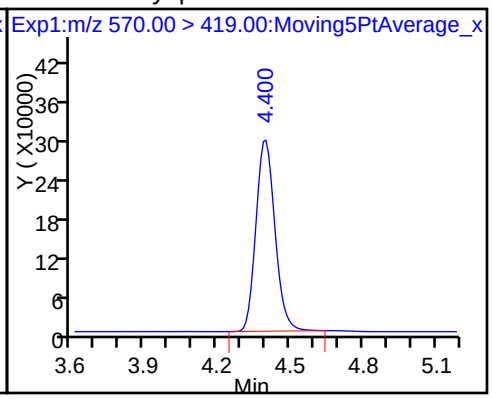
24 Perfluorodecanoic acid



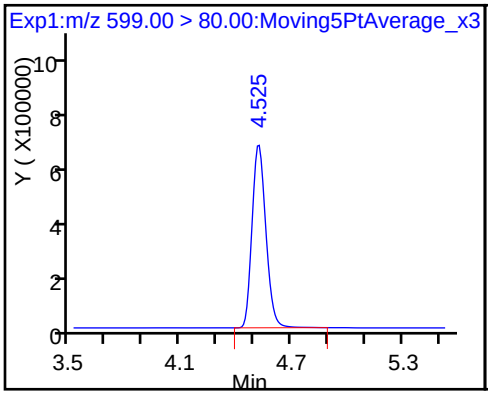
D 27 d3-NMeFOSAA



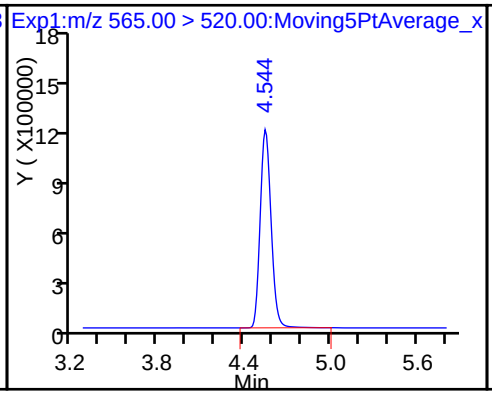
28 N-methyl perfluorooctane sulfonami



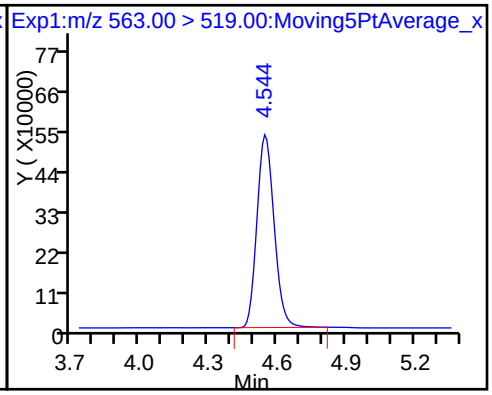
29 Perfluorodecane Sulfonic acid



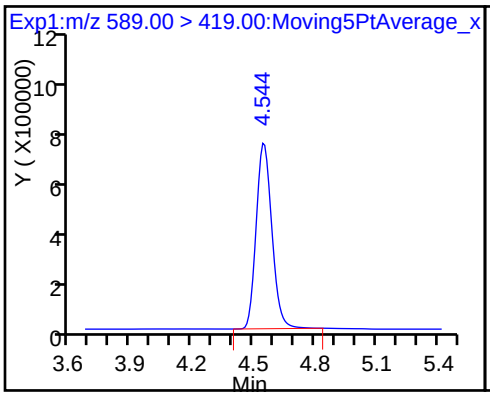
D 30 13C2 PFUnA



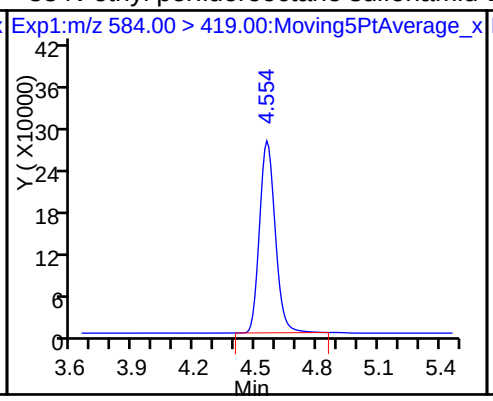
31 Perfluoroundecanoic acid



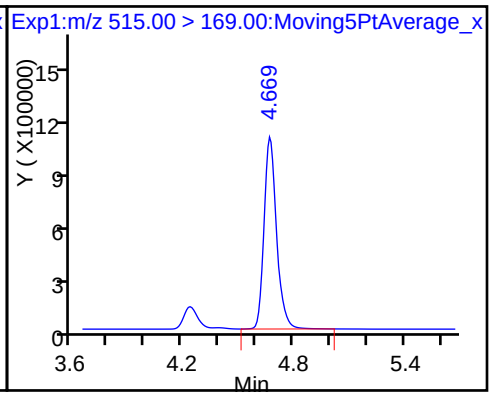
D 32 d5-NEtFOSAA



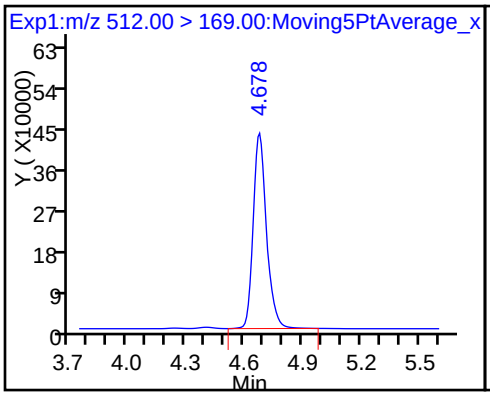
33 N-ethyl perfluorooctane sulfonamid



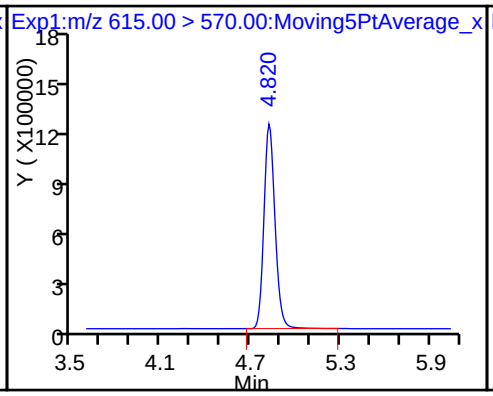
D 34 d-N-MeFOSA-M



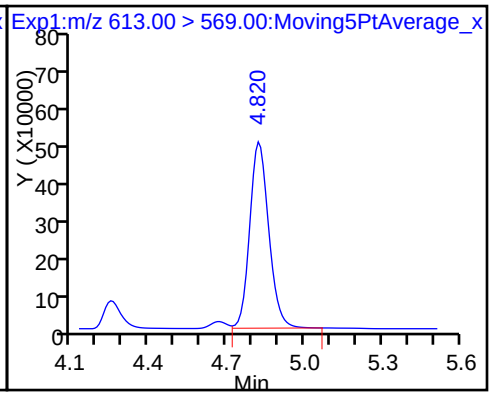
35 MeFOSA



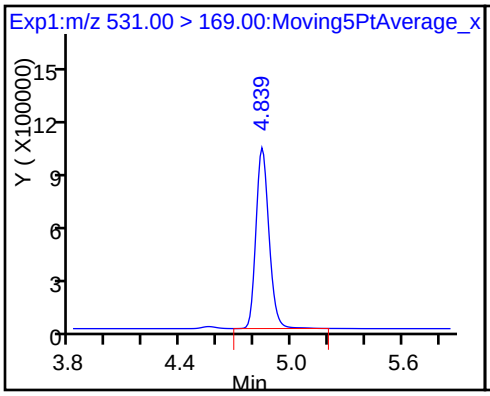
D 36 13C2 PFDoA



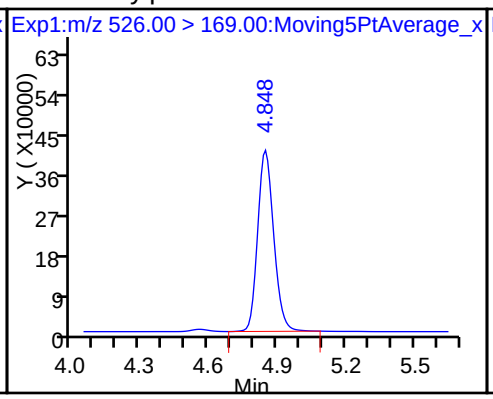
37 Perfluorododecanoic acid



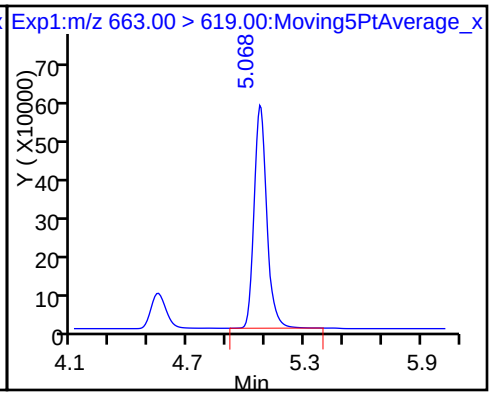
D 38 d-N-EtFOSA-M



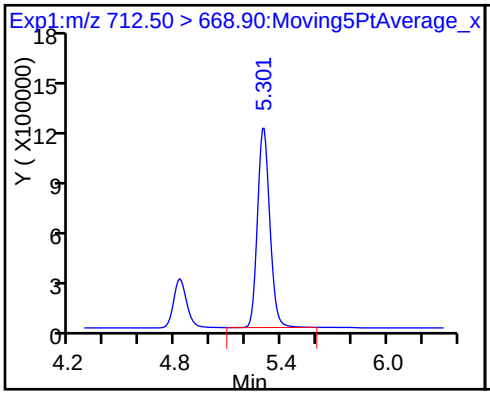
39 N-ethylperfluoro-1-octanesulfonami



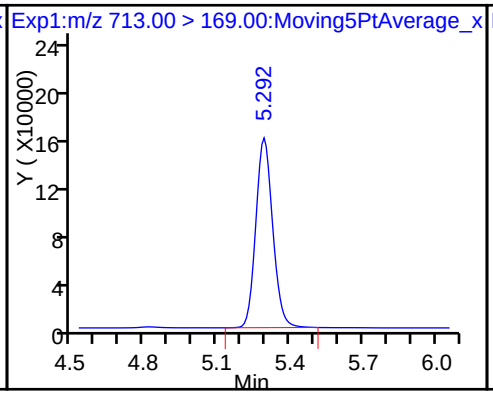
41 Perfluorotridecanoic acid



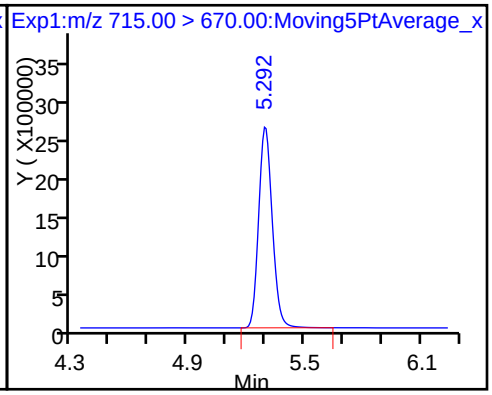
42 Perfluorotetradecanoic acid



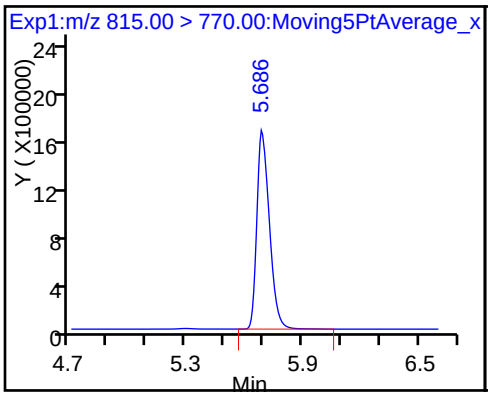
42 Perfluorotetradecanoic acid



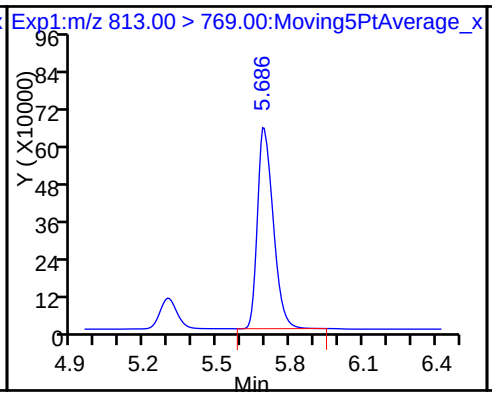
D 43 13C2-PFTeDA



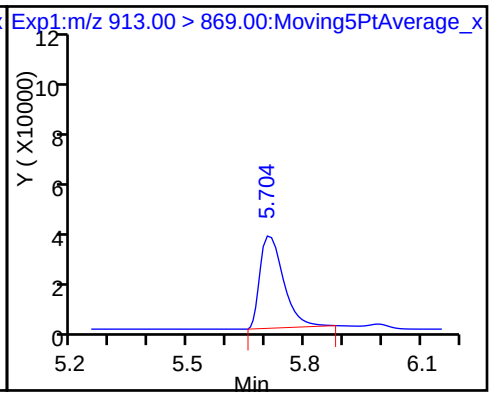
D 44 13C2-PFHxDA



45 Perfluorohexadecanoic acid



46 Perfluorooctadecanoic acid



FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: CCV 320-165301/12 Calibration Date: 05/19/2017 08:06

Instrument ID: A8_N Calib Start Date: 05/18/2017 17:49

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/18/2017 18:35

Lab File ID: 2017.05.18D_012.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	1.006	1.032		50.8	49.5	2.6	25.0
Perfluoropentanoic acid (PFPeA)	AveID	1.100	1.125		50.6	49.5	2.3	25.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.595	1.585		43.5	43.8	-0.7	25.0
Perfluorohexanoic acid (PFHxA)	AveID	1.030	1.001		48.1	49.5	-2.8	25.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.119	1.120		49.6	49.5	0.1	25.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.178	1.185		45.3	45.0	0.6	25.0
6:2FTS	AveID	0.9691	0.9284		45.0	46.9	-4.2	25.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.292	1.368		49.9	47.1	5.9	25.0
Perfluorooctanoic acid (PFOA)	AveID	1.149	1.108		47.8	49.5	-3.5	25.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.193	1.261		48.6	45.9	5.7	25.0
Perfluorononanoic acid (PFNA)	AveID	1.070	1.106		51.2	49.5	3.3	25.0
Perfluorooctane Sulfonamide (FOSA)	AveID	1.057	1.038		48.6	49.5	-1.9	25.0
8:2FTS	AveID	0.9756	0.9367		45.5	47.4	-4.0	25.0
Perfluorodecanoic acid (PFDA)	AveID	1.024	1.021		49.4	49.5	-0.3	25.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.047	0.9886		46.7	49.5	-5.6	25.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6867	0.7195		50.0	47.7	4.8	25.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.178	1.096		46.1	49.5	-6.9	25.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9565	0.9788		50.7	49.5	2.3	25.0
MeFOSA	AveID	0.9641	0.9538		49.0	49.5	-1.1	25.0
Perfluorododecanoic acid (PFDoA)	AveID	1.014	1.024		50.0	49.5	0.9	25.0
N-EtFOSA-M	AveID	1.017	1.029		50.1	49.5	1.3	25.0
Perfluorotridecanoic Acid (PFTriA)	AveID	1.021	1.058		51.3	49.5	3.7	25.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.223		48.3	49.5	-2.4	25.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		1.173		52.6	49.5	6.3	25.0
Perfluoro-n-octadecanoic acid (PFODA)	L2ID		0.0396		21.5	49.5	-56.6*	25.0
13C4 PFBA	Ave	359776	386572		53.2	49.5	7.4	50.0
13C5-PFPeA	Ave	248689	246152		49.0	49.5	-1.0	50.0
13C2 PFHxA	Ave	243576	247638		50.3	49.5	1.7	50.0
13C4-PFHpA	Ave	211904	217119		50.7	49.5	2.5	50.0
18O2 PFHxS	Ave	304465	323071		49.7	46.8	6.1	50.0
M2-6:2FTS	Ave	126131	149120		55.6	47.0	18.2	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: CCV 320-165301/12 Calibration Date: 05/19/2017 08:06

Instrument ID: A8_N Calib Start Date: 05/18/2017 17:49

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/18/2017 18:35

Lab File ID: 2017.05.18D_012.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	212791	238324		55.4	49.5	12.0	50.0
13C4 PFOS	Ave	229280	236127		48.7	47.3	3.0	50.0
13C5 PFNA	Ave	167851	182192		53.7	49.5	8.5	50.0
13C8 FOSA	Ave	367124	383277		51.7	49.5	4.4	50.0
13C2 PFDA	Ave	144503	157301		53.9	49.5	8.9	50.0
M2-8:2FTS	Ave	99091	109475		52.4	47.4	10.5	50.0
d3-NMeFOSAA	Ave	64888	76131		58.1	49.5	17.3	50.0
13C2 PFUnA	Ave	101742	116946		56.9	49.5	14.9	50.0
d5-NEtFOSAA	Ave	63526	71282		55.5	49.5	12.2	50.0
d-N-MeFOSA-M	Ave	99549	110268		54.8	49.5	10.8	50.0
13C2 PFDoA	Ave	100236	114628		56.6	49.5	14.4	50.0
d-N-EtFOSA-M	Ave	93251	97555		51.8	49.5	4.6	50.0
13C2-PFTeDA	Ave	204943	234977		56.8	49.5	14.7	50.0
13C2-PFHxDA	Ave	118334	142832		59.8	49.5	20.7	50.0

FORM VII 537 (Modified)

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_012.d
Lims ID: CCV L5
Client ID:
Sample Type: CCV
Inject. Date: 19-May-2017 08:06:41 ALS Bottle#: 32 Worklist Smp#: 12
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: CCV L5
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub18

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 14:09:34 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK011

First Level Reviewer: chandrasenas Date: 19-May-2017 13:59:13

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.009	2.009	0.0		19137239	53.2		107	231085	
2 Perfluorobutyric acid										
212.90 > 169.00	2.009	2.009	0.0	1.000	19749343	50.8		103	6225	
D 3 13C5-PFPeA										
267.90 > 223.00	2.358	2.358	0.0		12185731	49.0		99.0	229096	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.358	2.358	0.0	1.000	13710263	50.6		102	3607	
D 47 13C3-PFBS										
301.90 > 83.00	2.398	2.398	0.0		311225	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.398	2.398	0.0	1.000	22402524	43.5		99.3		
298.90 > 99.00	2.398	2.398	0.0	1.000	9505082		2.36(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.693	2.693	0.0	1.000	4209130	36.6		79.1		
D 7 13C2 PFHxA										
315.00 > 270.00	2.732	2.732	0.0		12259283	50.3		102	37303	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.742	2.742	0.0	1.000	12272630	48.1		97.2	17779	
D 9 13C4-PFHpA										
367.00 > 322.00	3.130	3.130	0.0		10748446	50.7		102	37023	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.130	3.130	0.0	1.000	12043090	49.6		100	5941	
D 11 18O2 PFHxS										
403.00 > 84.00	3.138	3.138	0.0		15129958	49.7		106	695211	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.138	3.138	0.0	1.000	17242419	45.3		101		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2FTS										
429.00 > 409.00	3.509	3.509	0.0		7013070	55.6		118		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.509	3.509	0.0	1.000	6497270	45.0		95.8		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.524	3.524	0.0	1.000	15227040	49.9		106		
* 62 13C2-PFOA										
415.00 > 370.00	3.524	3.524	0.0		11145659	49.5		100		
D 14 13C4 PFOA										
417.00 > 372.00	3.531	3.531	0.0		11798231	55.4		112	57792	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.531	3.531	0.0	1.000	13076558	47.8		96.5	1292	
413.00 > 169.00	3.531	3.531	0.0	1.000	7664389		1.71(0.90-1.10)		17641	
D 18 13C4 PFOS										
503.00 > 80.00	3.890	3.890	0.0		11175106	48.7		103	14081	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.890	3.890	0.0	1.000	13674075	48.6		106	158863	
499.00 > 99.00	3.890	3.890	0.0	1.000	2924321		4.68(0.90-1.10)		15311	
D 19 13C5 PFNA										
468.00 > 423.00	3.907	3.907	0.0		9019426	53.7		109	27859	
20 Perfluorononanoic acid										
463.00 > 419.00	3.907	3.907	0.0	1.000	9973176	51.2		103	7732	
D 21 13C8 FOSA										
506.00 > 78.00	4.221	4.221	0.0		18974087	51.7		104	20441	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.221	4.221	0.0	1.000	19687879	48.6		98.1	454527	
D 23 13C2 PFDA										
515.00 > 470.00	4.251	4.251	0.0		7787194	53.9		109	8986	
D 26 M2-8:2FTS										
529.00 > 509.00	4.251	4.251	0.0		5191912	52.4		110		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.251	4.251	0.0	1.000	4863295	45.5		96.0		
24 Perfluorodecanoic acid										
513.00 > 469.00	4.251	4.251	0.0	1.000	7949690	49.4		99.7	8226	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.398	4.398	0.0		3768853	58.1		117		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.409	4.409	0.0	1.002	3725807	46.7		94.4		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.535	4.535	0.0	1.000	8107506	50.0		105		
D 30 13C2 PFUnA										
565.00 > 520.00	4.555	4.555	0.0		5789429	56.9		115	22554	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.555	4.555	0.0	1.000	6344986	46.1		93.1	12014	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.555	4.555	0.0		3528817	55.5		112		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.565	4.565	0.0	1.002	3453831	50.7		102		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.678	4.678	0.0		5458836	54.8		111		
35 MeFOSA										
512.00 > 169.00	4.687	4.687	0.0	1.000	5206709	49.0		98.9		
D 36 13C2 PFDoA										
615.00 > 570.00	4.833	4.833	0.0		5674633	56.6		114	6869	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.833	4.833	0.0	1.000	5808084	50.0		101	327	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.852	4.852	0.0		4829450	51.8		105		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.852	4.852	0.0	1.000	4970994	50.1		101		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.073	5.073	0.0	1.000	6005918	51.3		104	311	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.301	5.301	0.0	1.000	12617004	48.3		97.6	184	
713.00 > 169.00	5.292	5.301	-0.009	0.998	1784518		7.07(0.00-0.00)		4357	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.301	5.301	0.0		11632523	56.8		115	13199	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.693	5.693	0.0		7070911	59.8		121	3649	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.693	5.693	0.0	1.000	6658535	52.6		106	219	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.703	5.703	0.0	1.000	224742	21.5		43.4	488	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L5_00002 Amount Added: 1.00 Units: mL

Report Date: 19-May-2017 14:09:34 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_012.d

Injection Date: 19-May-2017 08:06:41 Instrument ID: A8_N

Lims ID: CCV L5

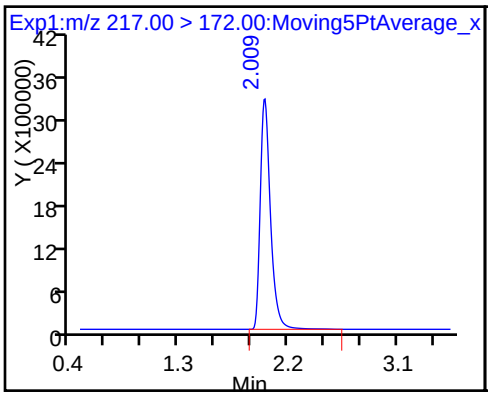
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 32 Worklist Smp#: 12

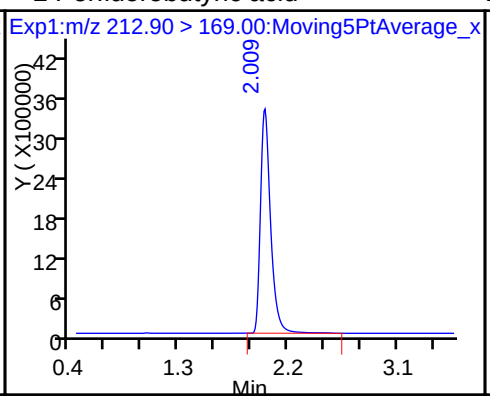
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

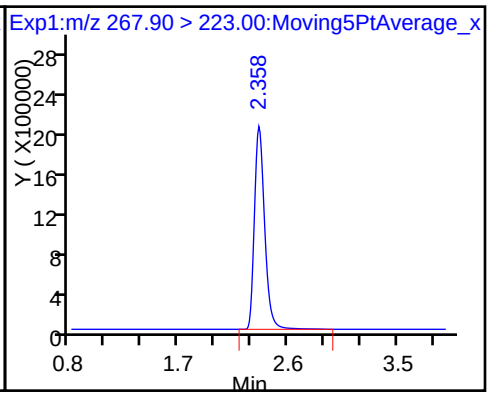
D 1 13C4 PFBA



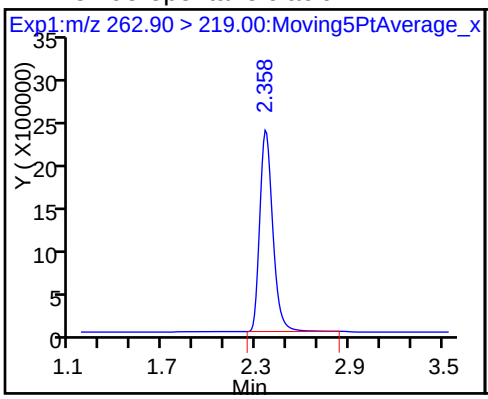
2 Perfluorobutyric acid



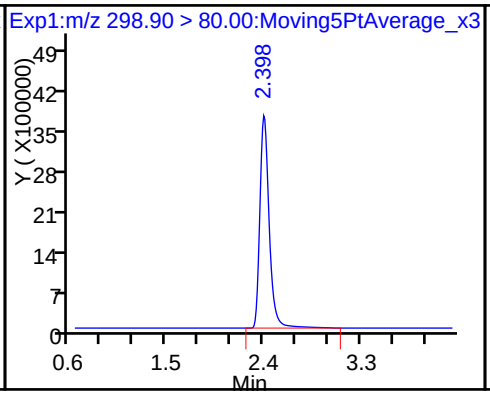
D 3 13C5-PFPeA



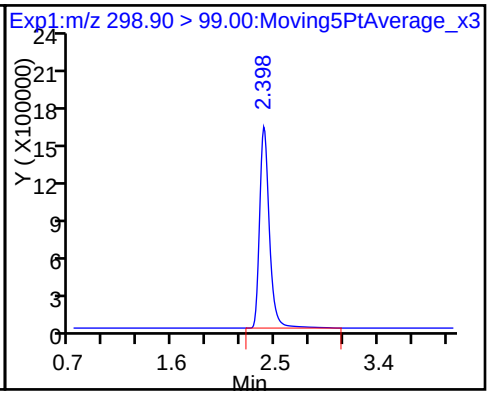
4 Perfluoropentanoic acid



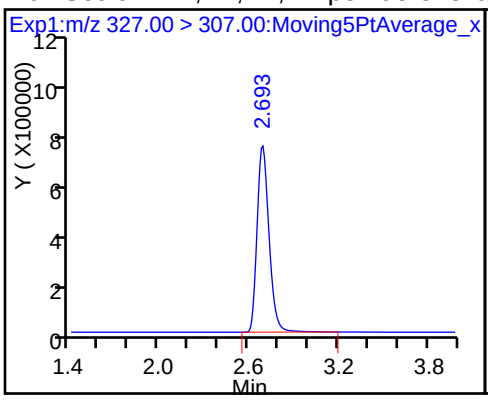
5 Perfluorobutanesulfonic acid



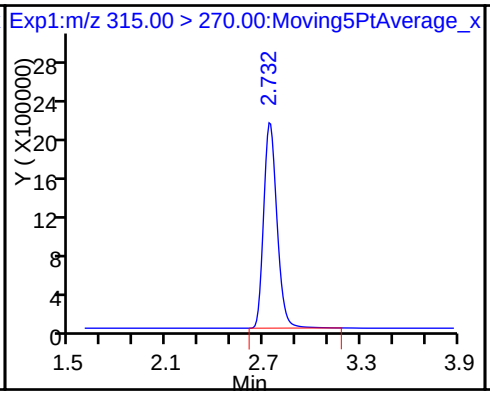
5 Perfluorobutanesulfonic acid



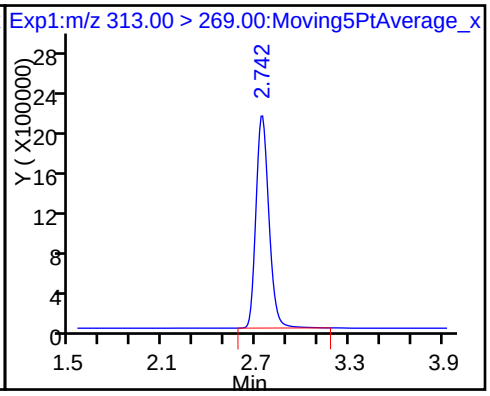
61 Sodium 1H,1H,2H,2H-perfluorohexane



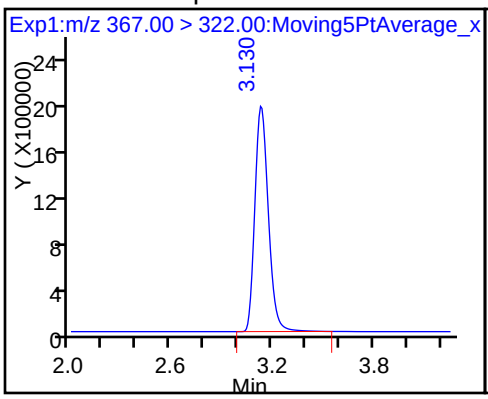
D 7 13C2 PFHxA



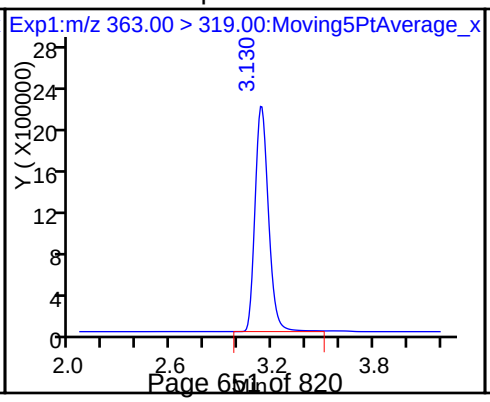
6 Perfluorohexanoic acid



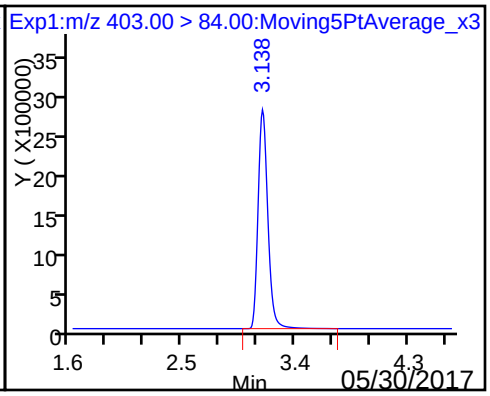
D 9 13C4-PFHpA



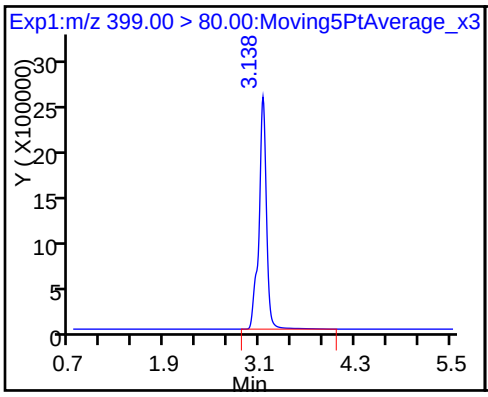
10 Perfluoroheptanoic acid



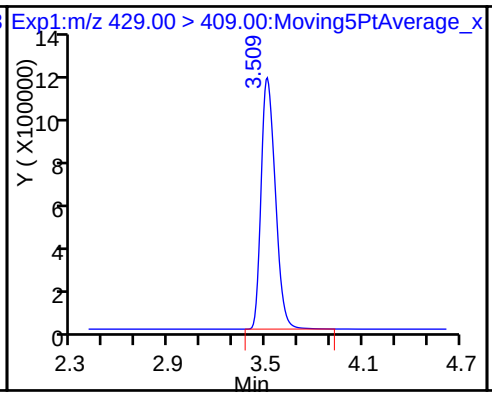
D 11 18O2 PFHxS



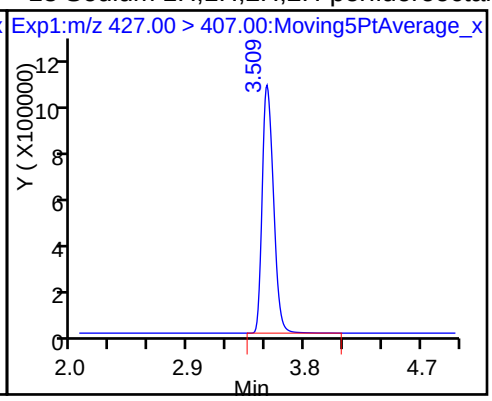
8 Perfluorohexanesulfonic acid



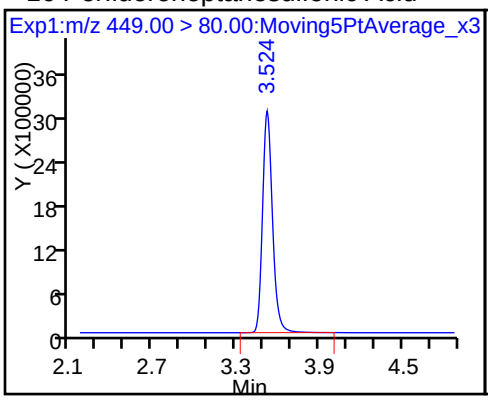
D 12 M2-6:2FTS



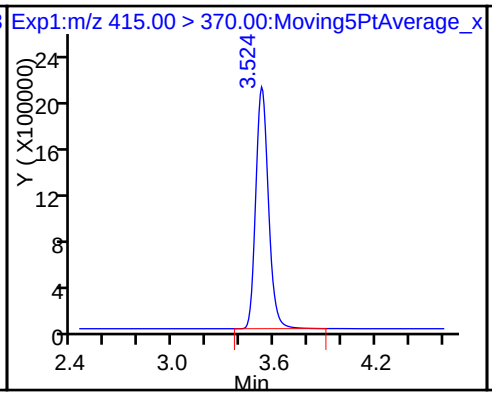
13 Sodium 1H,1H,2H,2H-perfluorooctane



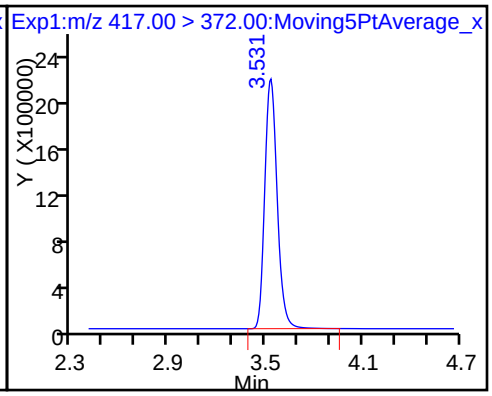
16 Perfluoroheptanesulfonic Acid



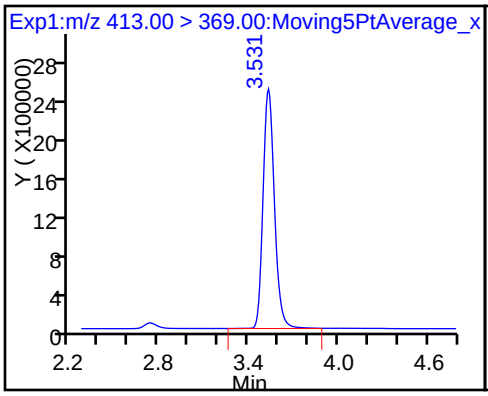
* 62 13C2-PFOA



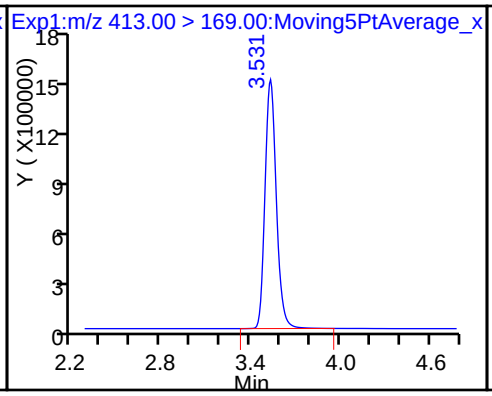
D 14 13C4 PFOA



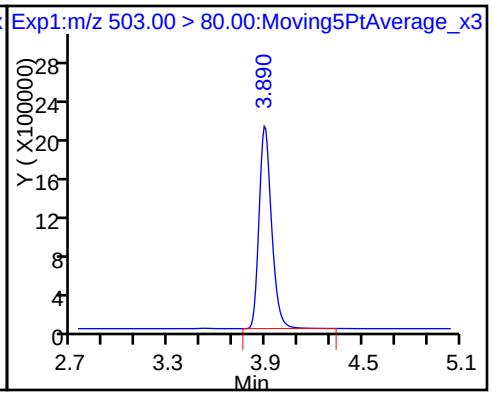
15 Perfluorooctanoic acid



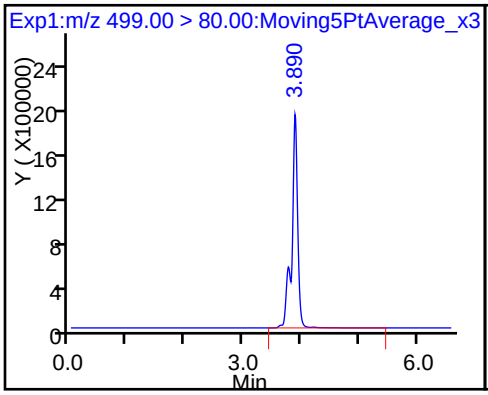
15 Perfluorooctanoic acid



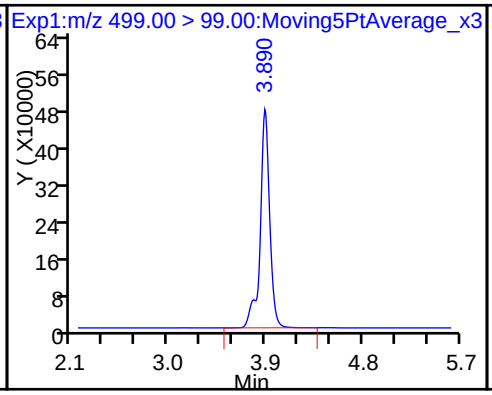
D 18 13C4 PFOS



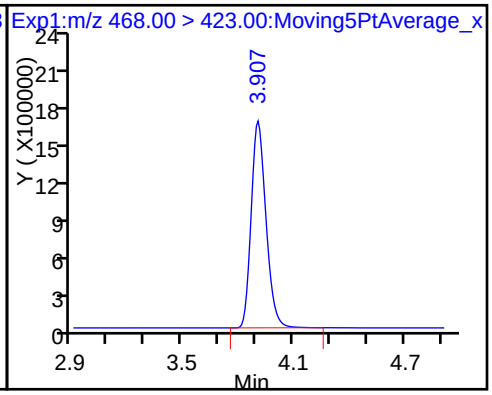
17 Perfluorooctane sulfonic acid



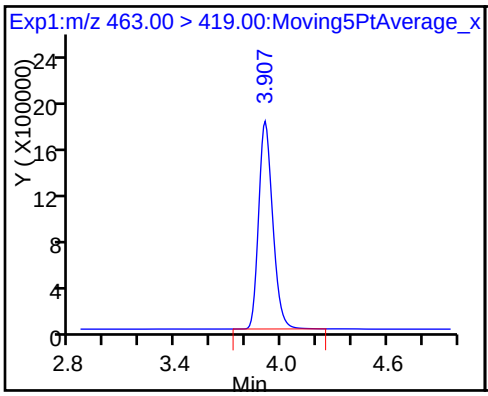
17 Perfluorooctane sulfonic acid



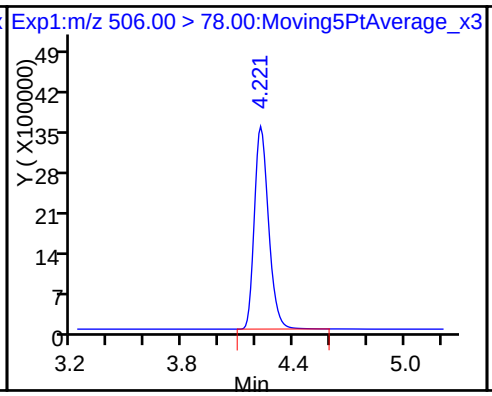
D 19 13C5 PFNA



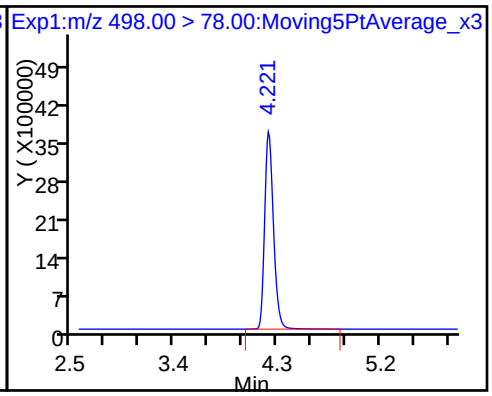
20 Perfluorononanoic acid



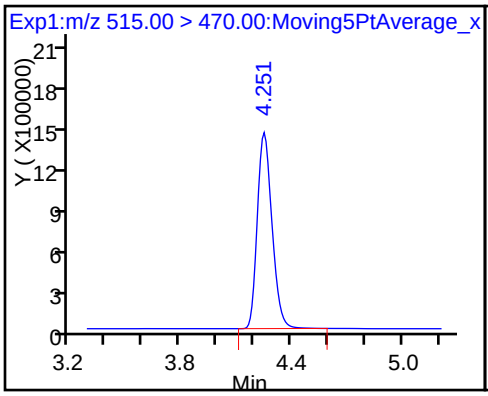
D 21 13C8 FOSA



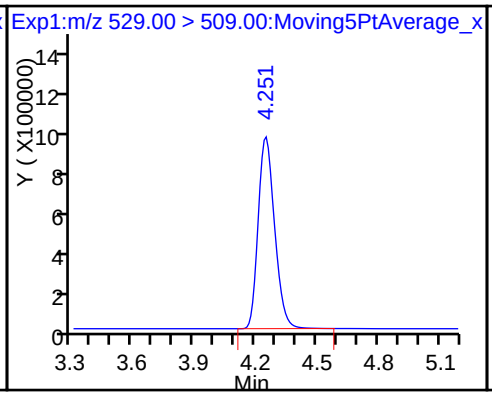
22 Perfluorooctane Sulfonamide



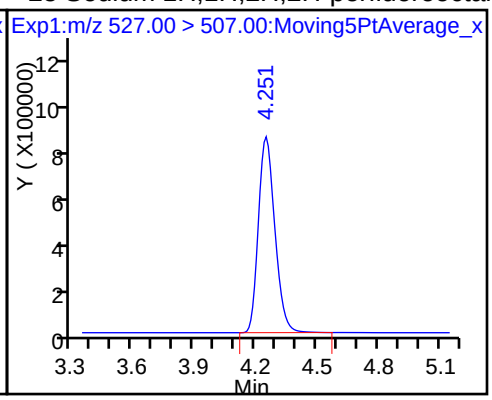
D 23 13C2 PFDA



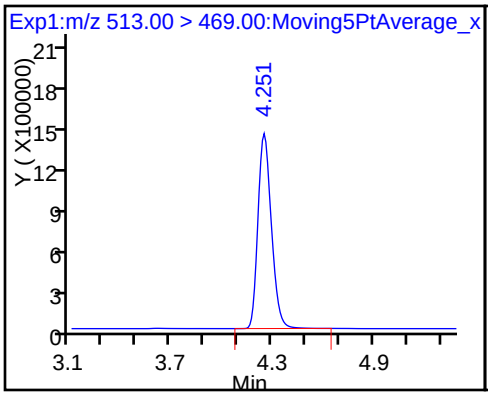
D 26 M2-8:2FTS



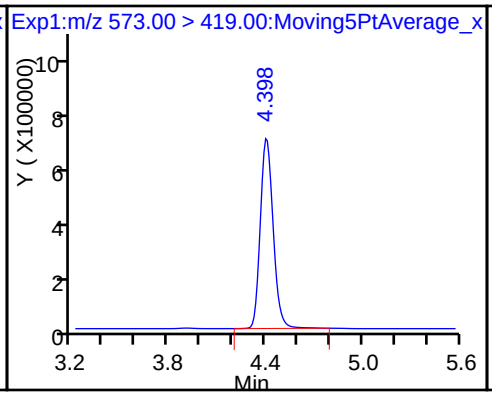
25 Sodium 1H,1H,2H,2H-perfluorooctane



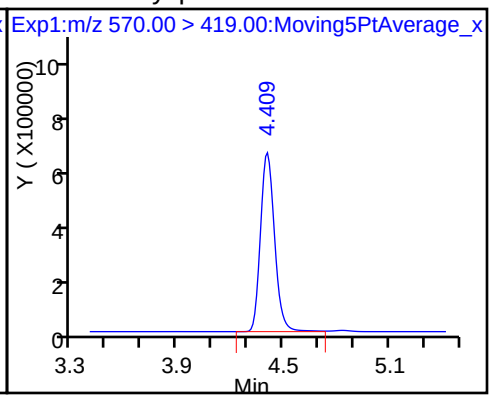
24 Perfluorodecanoic acid



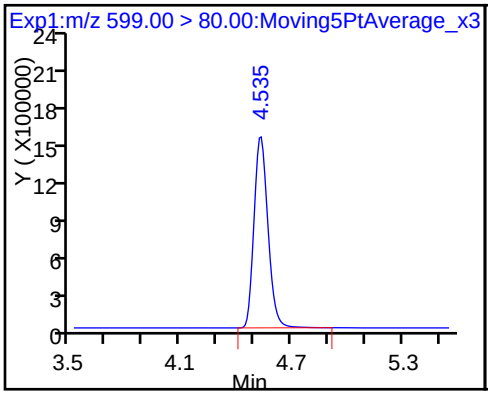
D 27 d3-NMeFOSAA



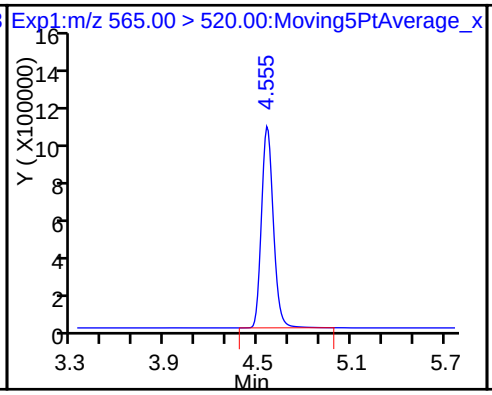
28 N-methyl perfluorooctane sulfonami



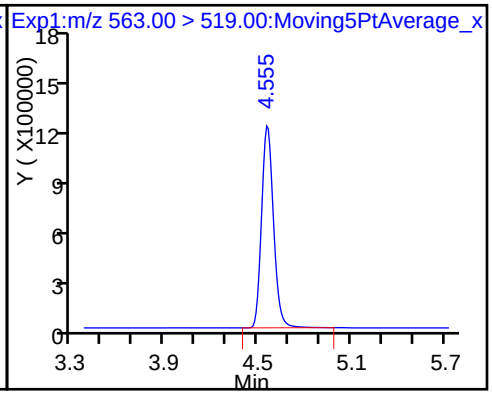
29 Perfluorodecane Sulfonic acid



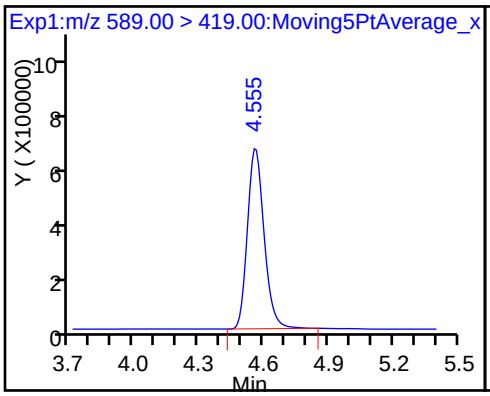
D 30 13C2 PFUnA



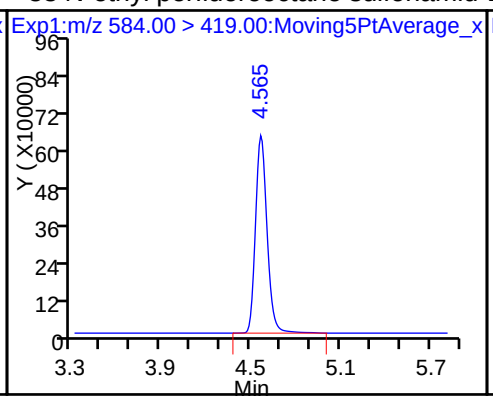
31 Perfluoroundecanoic acid



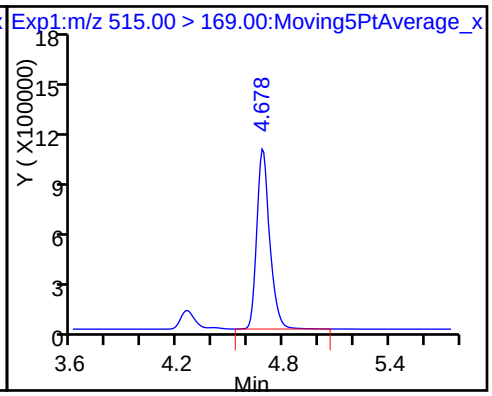
D 32 d5-NEtFOSAA



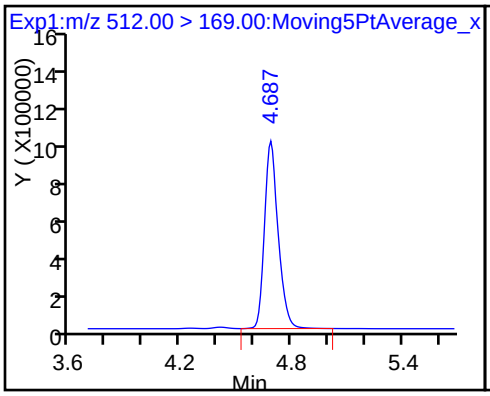
33 N-ethyl perfluorooctane sulfonamid



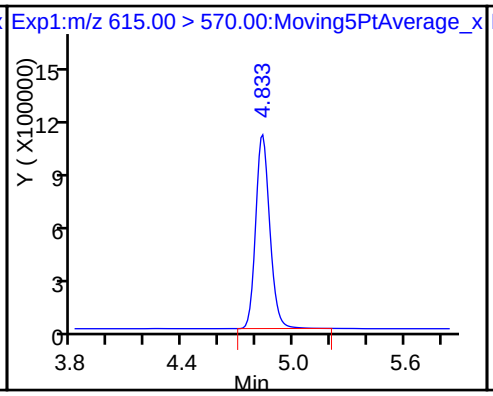
D 34 d-N-MeFOSA-M



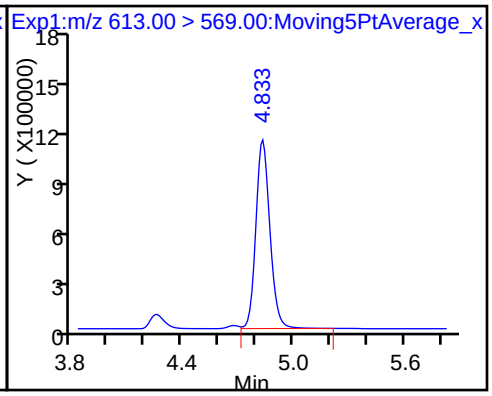
35 MeFOSA



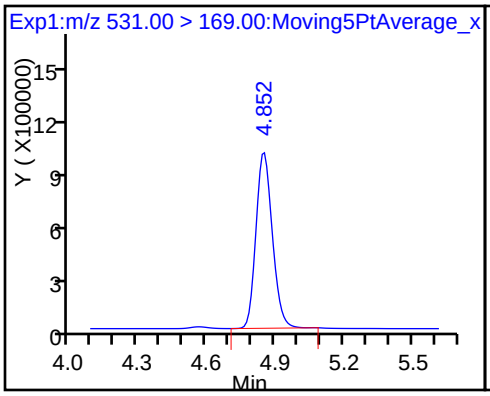
D 36 13C2 PFDoA



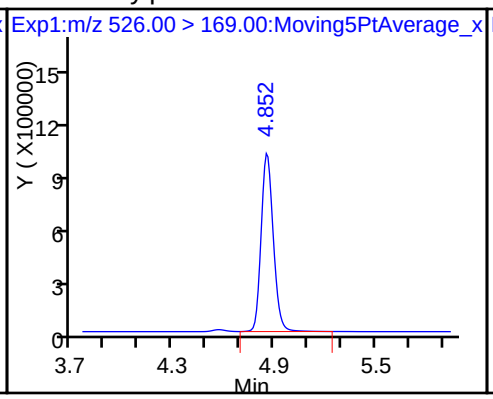
37 Perfluorododecanoic acid



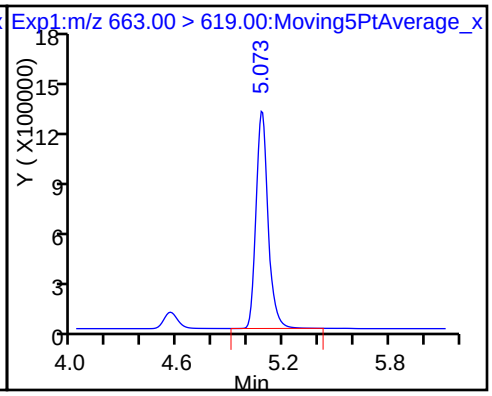
D 38 d-N-EtFOSA-M



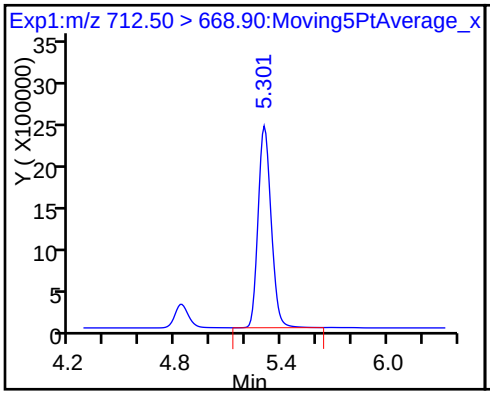
39 N-ethylperfluoro-1-octanesulfonami



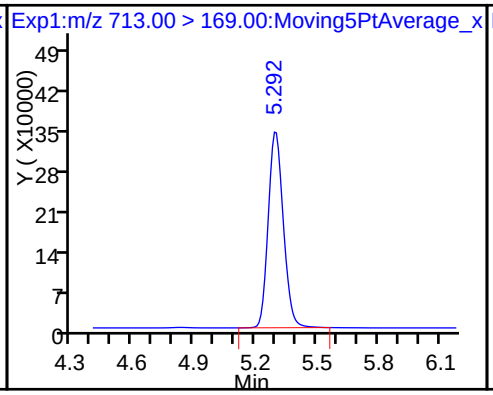
41 Perfluorotridecanoic acid



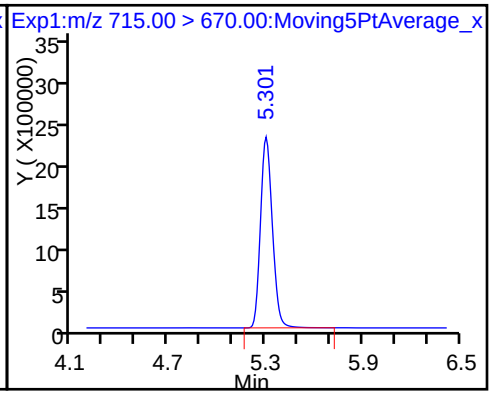
42 Perfluorotetradecanoic acid



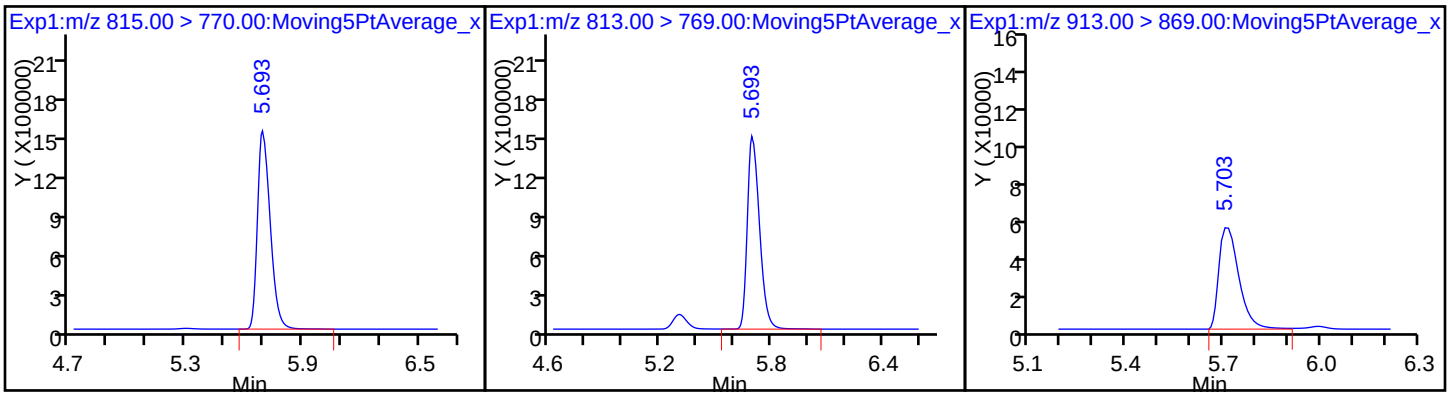
42 Perfluorotetradecanoic acid



D 43 13C2-PFTeDA



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: ICV 320-165657/12 Calibration Date: 05/22/2017 19:49

Instrument ID: A8_N Calib Start Date: 05/22/2017 18:42

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/22/2017 19:26

Lab File ID: 2017.05.22D_CURVE_012.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	1.003	0.9051		44.7	49.5	-9.8	25.0
Perfluoropentanoic acid (PFPeA)	AveID	1.084	0.9935		45.4	49.5	-8.3	25.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.582	1.463		40.5	43.8	-7.5	25.0
Perfluorohexanoic acid (PFHxA)	AveID	1.036	0.9136		43.7	49.5	-11.8	25.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.096	0.9860		44.5	49.5	-10.1	25.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.210	0.9841		38.1	46.8	-18.7	25.0
6:2FTS	AveID	0.9629	0.9645		47.0	46.9	0.2	25.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.365	1.208		41.7	47.1	-11.5	25.0
Perfluorooctanoic acid (PFOA)	AveID	1.123	1.027		45.3	49.5	-8.5	25.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.187	0.9214		36.7	47.3	-22.3	25.0
Perfluorononanoic acid (PFNA)	AveID	1.087	0.9597		43.7	49.5	-11.8	25.0
Perfluorooctane Sulfonamide (FOSA)	AveID	1.048	0.9301		43.9	49.5	-11.3	25.0
8:2FTS	AveID	0.9756	0.9756		47.4	47.4	-0.0	25.0
Perfluorodecanoic acid (PFDA)	AveID	1.018	0.9081		44.2	49.5	-10.8	25.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.007	1.039		51.1	49.5	3.2	25.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6945	0.6247		43.0	47.8	-10.0	25.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.174	0.9818		41.4	49.5	-16.4	25.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9551	0.9215		47.8	49.5	-3.5	25.0
MeFOSA	AveID	0.9631	0.995		51.1	49.5	3.3	25.0
Perfluorododecanoic acid (PFDoA)	AveID	1.015	0.9008		43.9	49.5	-11.2	25.0
N-EtFOSA-M	AveID	1.019	1.062		51.6	49.5	4.2	25.0
Perfluorotridecanoic Acid (PFTriA)	AveID	1.004	0.8857		43.7	49.5	-11.8	25.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		1.806		43.7	49.5	-11.8	25.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		0.999		47.0	49.5	-5.0	25.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	1.260	1.076		42.2	49.5	-14.7	25.0
13C4 PFBA	Ave	372732	364967		48.5	49.5	-2.1	50.0
13C5-PFPeA	Ave	246497	243707		48.9	49.5	-1.1	50.0
13C2 PFHxA	Ave	244489	245348		49.7	49.5	0.4	50.0
13C4-PFHpA	Ave	223707	219830		48.6	49.5	-1.7	50.0
18O2 PFHxS	Ave	322150	312897		45.5	46.8	-2.9	50.0
M2-6:2FTS	Ave	131356	120702		43.2	47.0	-8.1	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: ICV 320-165657/12 Calibration Date: 05/22/2017 19:49

Instrument ID: A8_N Calib Start Date: 05/22/2017 18:42

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/22/2017 19:26

Lab File ID: 2017.05.22D_CURVE_012.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	226888	222108		48.5	49.5	-2.1	50.0
13C4 PFOS	Ave	234642	231278		46.6	47.3	-1.4	50.0
13C5 PFNA	Ave	174482	171777		48.7	49.5	-1.6	50.0
13C8 FOSA	Ave	367735	369407		49.7	49.5	0.5	50.0
13C2 PFDA	Ave	149557	151702		50.2	49.5	1.4	50.0
M2-8:2FTS	Ave	99608	95537		45.5	47.4	-4.1	50.0
d3-NMeFOSAA	Ave	66001	62471		46.9	49.5	-5.3	50.0
13C2 PFUnA	Ave	112228	112281		49.5	49.5	0.0	50.0
d5-NEtFOSAA	Ave	64270	64603		49.8	49.5	0.5	50.0
d-N-MeFOSA-M	Ave	98992	99268		49.6	49.5	0.3	50.0
13C2 PFDoA	Ave	108877	111758		50.8	49.5	2.6	50.0
d-N-EtFOSA-M	Ave	95914	96160		49.6	49.5	0.3	50.0
13C2-PFTeDA	Ave	215350	218886		50.3	49.5	1.6	50.0
13C2-PFHxDA	Ave	120243	124475		51.2	49.5	3.5	50.0

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_012.d
Lims ID: ICV Full
Client ID:
Sample Type: ICV
Inject. Date: 22-May-2017 19:49:26 ALS Bottle#: 36 Worklist Smp#: 12
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist:

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 23-May-2017 08:44:18 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK028

First Level Reviewer: westendorfc Date: 23-May-2017 08:26:58

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.042	2.040	0.002		18067669	48.5		97.9	105508	
2 Perfluorobutyric acid										
212.90 > 169.00	2.042	2.044	-0.002	1.000	16352200	44.7			13199	
D 3 13C5-PFPeA										
267.90 > 223.00	2.409	2.408	0.001		12064700	48.9		98.9	25438	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.409	2.410	-0.001	1.000	11986251	45.4			3214	
D 47 13C3-PFBS										
301.90 > 83.00	2.449	2.448	0.001		296662	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.449	2.452	-0.003	1.000	20060947	40.5				
298.90 > 99.00	2.449	2.452	-0.003	1.000	8357781		2.40(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.755	2.748	0.007	1.000	4288386	48.5				
D 7 13C2 PFHxA										
315.00 > 270.00	2.803	2.799	0.004		12145956	49.7		100	301204	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.803	2.799	0.004	1.000	11096580	43.7			23747	
D 9 13C4-PFHpA										
367.00 > 322.00	3.201	3.203	-0.002		10882679	48.6		98.3	48049	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.201	3.203	-0.002	1.000	10730010	44.5			3732	
D 11 18O2 PFHxS										
403.00 > 84.00	3.210	3.209	0.001		14653505	45.5		97.1	240457	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.210	3.209	0.001	1.000	14404990	38.1				

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.579	3.576	0.003	1.000	5463312	47.0				
D 12 M2-6:2FTS										
429.00 > 409.00	3.579	3.576	0.003		5676602	43.2		91.9		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.595	3.595	-0.001	1.000	13162714	41.7				
* 62 13C2-PFOA										
415.00 > 370.00	3.595	3.595	-0.001		10202220	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.603	3.601	0.002		10995457	48.5		97.9	49909	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.603	3.601	0.002	1.000	11290459	45.3			970	
413.00 > 169.00	3.603	3.601	0.002	1.000	6571836		1.72(0.90-1.10)		15382	
D 18 13C4 PFOS										
503.00 > 80.00	3.966	3.966	0.0		10945652	46.6		98.6	18215	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.966	3.967	-0.001	1.000	10074856	36.7			12058	
499.00 > 99.00	3.966	3.967	-0.001	1.000	2388740		4.22(0.90-1.10)		9934	
D 19 13C5 PFNA										
468.00 > 423.00	3.977	3.979	-0.002		8503811	48.7		98.4	24576	
20 Perfluorononanoic acid										
463.00 > 419.00	3.988	3.981	0.007	1.000	8160697	43.7			8034	
D 21 13C8 FOSA										
506.00 > 78.00	4.289	4.296	-0.007		18287484	49.7		100	78005	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.289	4.297	-0.008	1.000	17008934	43.9			35322	
D 26 M2-8:2FTS										
529.00 > 509.00	4.323	4.320	0.003		4530911	45.5		95.9		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.323	4.322	0.001	1.000	4420237	47.4				
D 23 13C2 PFDA										
515.00 > 470.00	4.323	4.322	0.001		7510017	50.2		101	3108	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.323	4.323	0.0	1.000	6819597	44.2			655	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.473	4.472	0.001		3092642	46.9		94.7		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.484	4.478	0.006	1.002	3214049	51.1				
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.605	4.598	0.007	1.000	6902447	43.0				
D 30 13C2 PFUnA										
565.00 > 520.00	4.633	4.624	0.009		5558479	49.5		100	12240	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.633	4.625	0.008	1.000	5457310	41.4			9690	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.633	4.627	0.006		3198164	49.8		101		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.642	4.635	0.007	1.002	2947108	47.8				

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.743	4.750	-0.007		4914234	49.6		100		
35 MeFOSA										
512.00 > 169.00	4.755	4.755	0.0	1.000	4889655	51.1				
D 36 13C2 PFDoA										
615.00 > 570.00	4.898	4.895	0.003		5532589	50.8		103	7702	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.898	4.895	0.003	1.000	4983552	43.9			268	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.916	4.915	0.001		4760387	49.6		100		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.916	4.922	-0.006	1.000	5055497	51.6				
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.147	5.139	0.008	1.000	4899924	43.7			221	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.366	5.357	0.009		10835935	50.3		102	8295	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.366	5.357	0.009	1.000	9994519	43.7			138	
713.00 > 169.00	5.356	5.357	-0.001	0.998	1458161		6.85(0.00-0.00)		3903	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.746	5.742	0.004		6162151	51.2		104	1868	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.746	5.743	0.003	1.000	5527777	47.0			158	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.158	6.143	0.015	1.000	5950540	42.2			144	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFCIC_FULL_00002 Amount Added: 1.00 Units: mL

Report Date: 23-May-2017 08:44:18 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_012.d

Injection Date: 22-May-2017 19:49:26 Instrument ID: A8_N

Lims ID: ICV Full

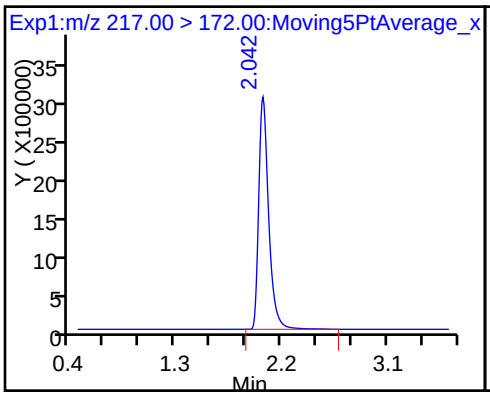
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 36 Worklist Smp#: 12

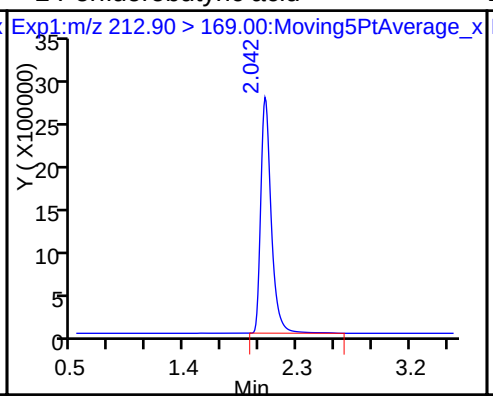
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

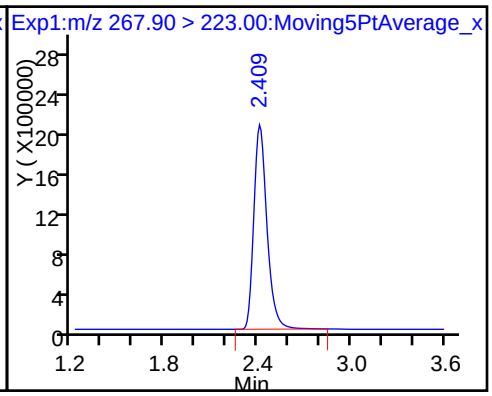
D 1 13C4 PFBA



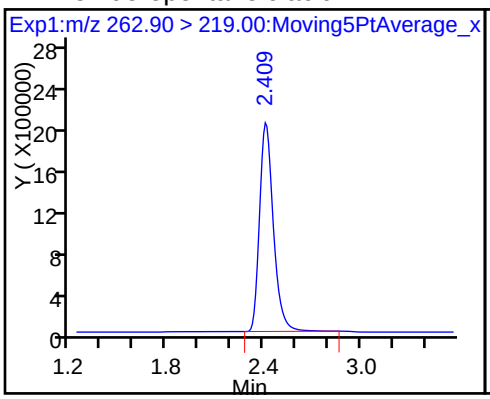
2 Perfluorobutyric acid



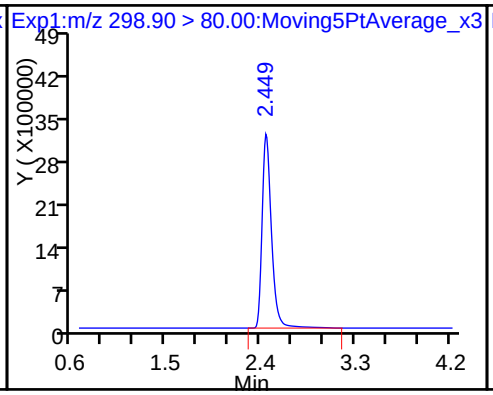
D 3 13C5-PFPeA



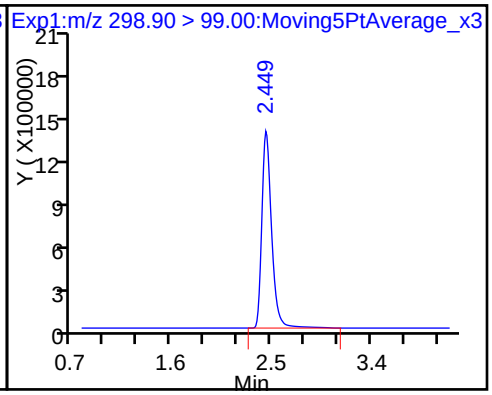
4 Perfluoropentanoic acid



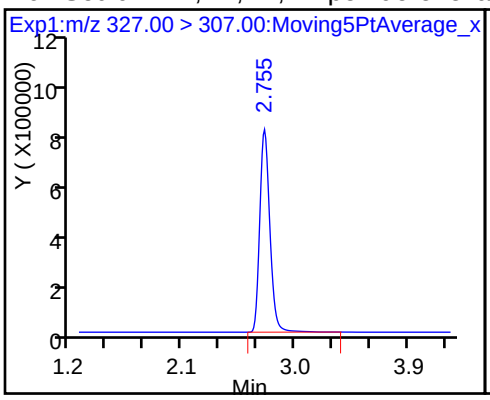
5 Perfluorobutanesulfonic acid



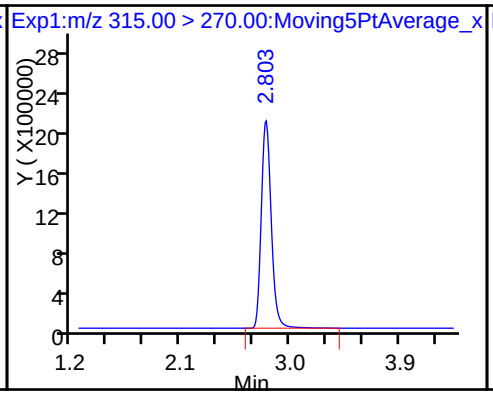
5 Perfluorobutanesulfonic acid



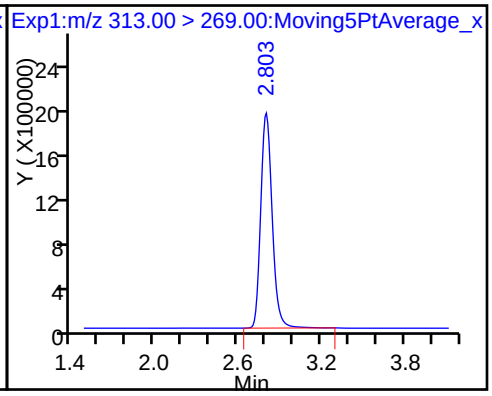
61 Sodium 1H,1H,2H,2H-perfluorohexane



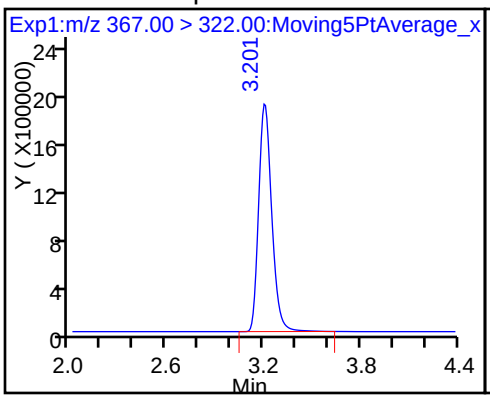
D 7 13C2 PFHxA



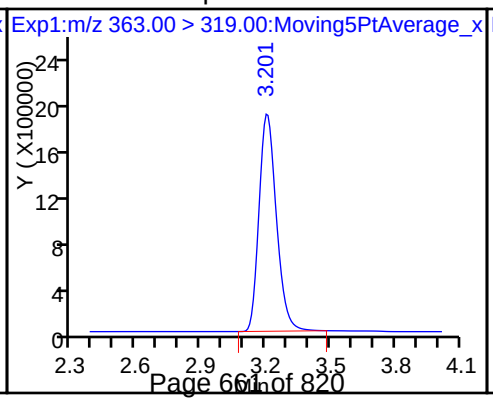
6 Perfluorohexanoic acid



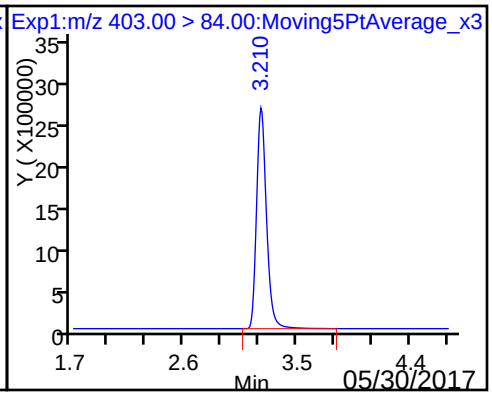
D 9 13C4-PFHpA



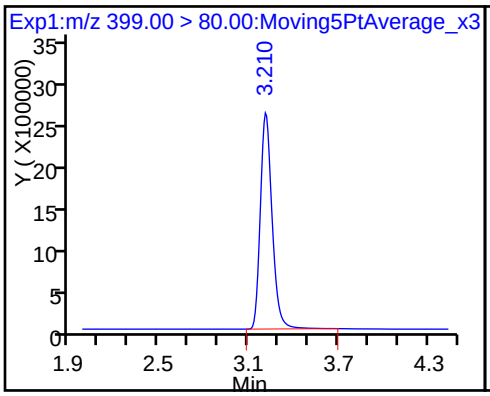
10 Perfluoroheptanoic acid



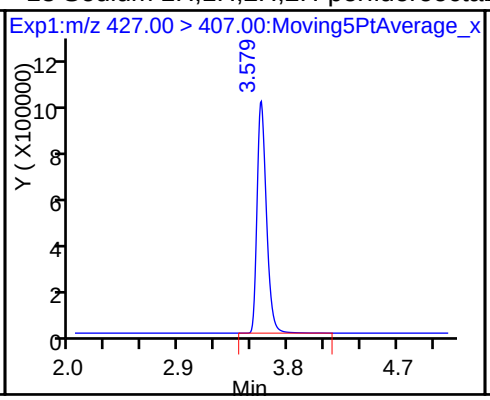
D 11 18O2 PFHxS



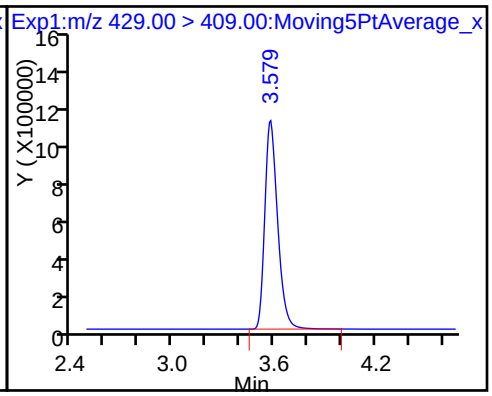
8 Perfluorohexanesulfonic acid



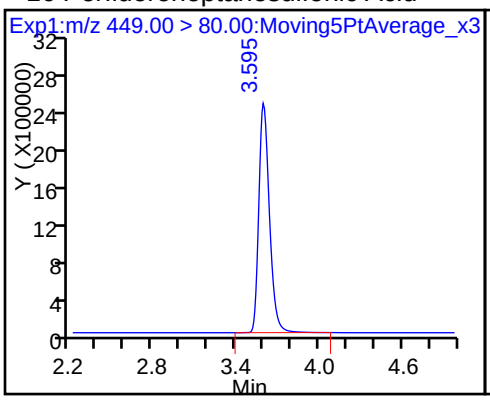
13 Sodium 1H,1H,2H,2H-perfluorooctane



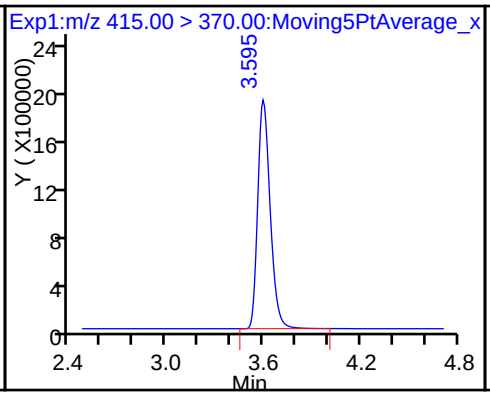
D 12 M2-6:2FTS



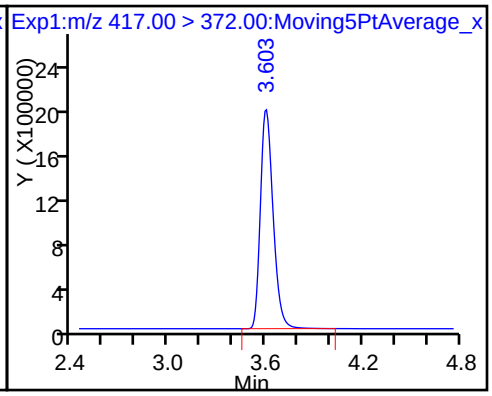
16 Perfluoroheptanesulfonic Acid



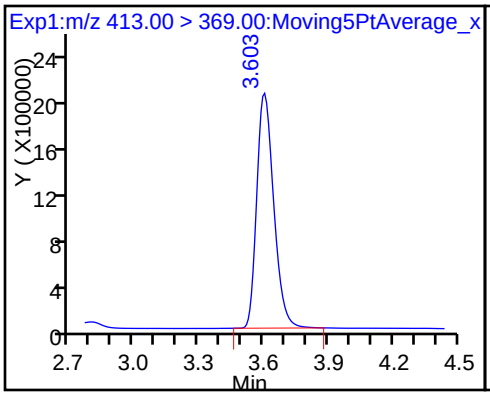
* 62 13C2-PFOA



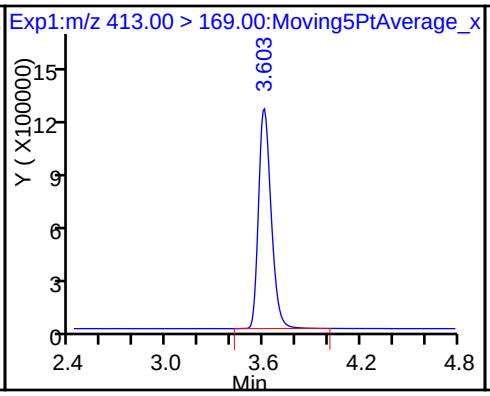
D 14 13C4 PFOA



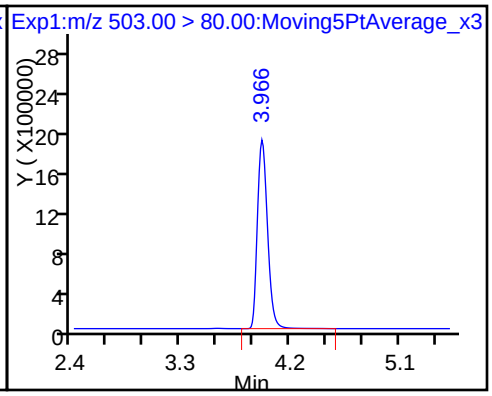
15 Perfluorooctanoic acid



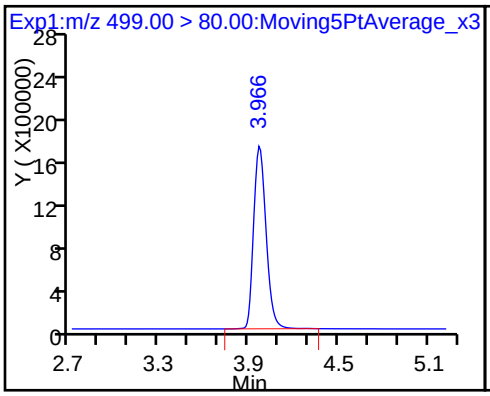
15 Perfluorooctanoic acid



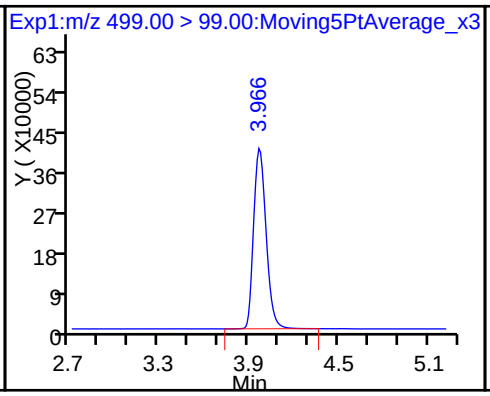
D 18 13C4 PFOS



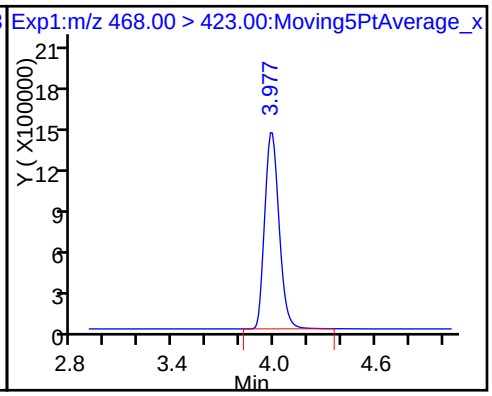
17 Perfluorooctane sulfonic acid



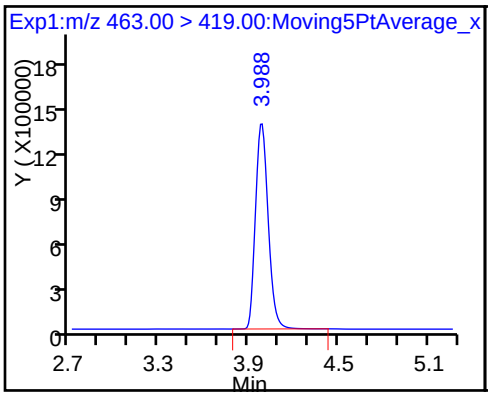
17 Perfluorooctane sulfonic acid



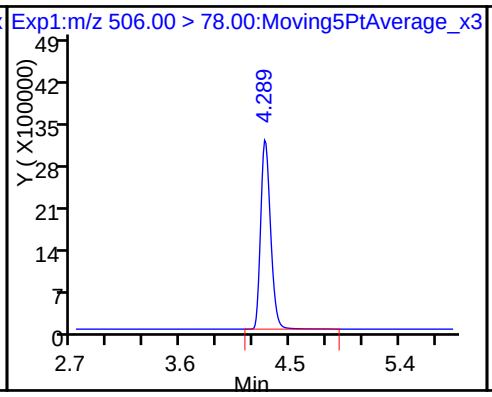
D 19 13C5 PFNA



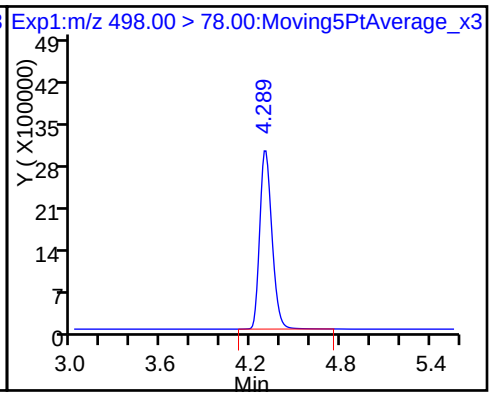
20 Perfluorononanoic acid



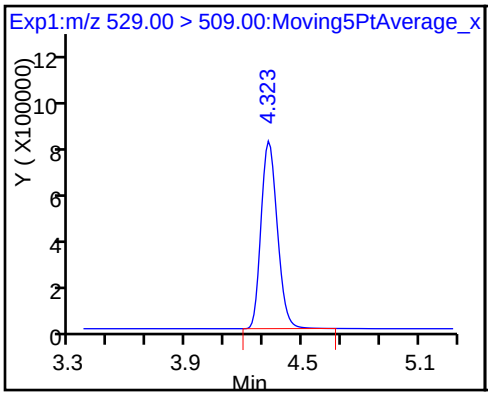
D 21 13C8 FOSA



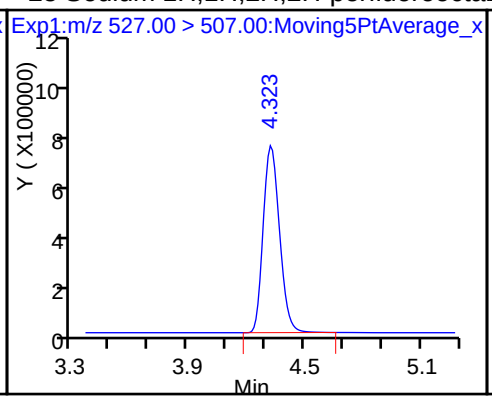
22 Perfluorooctane Sulfonamide



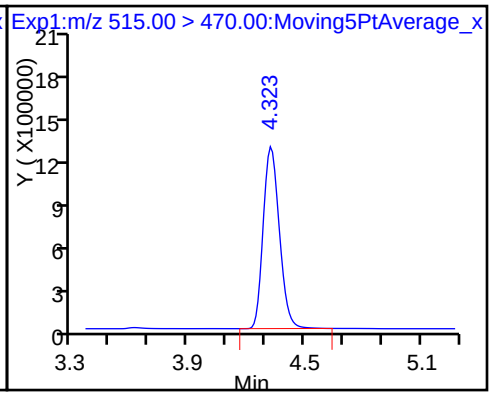
D 26 M2-8:2FTS



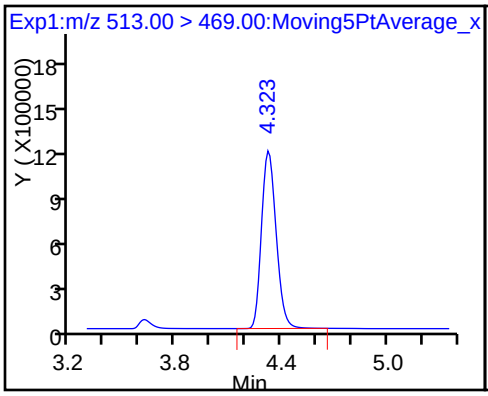
25 Sodium 1H,1H,2H,2H-perfluorooctane



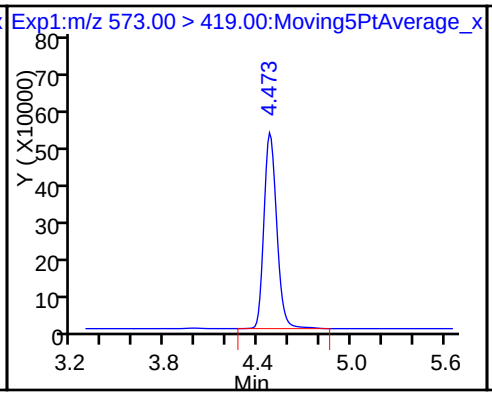
D 23 13C2 PFDA



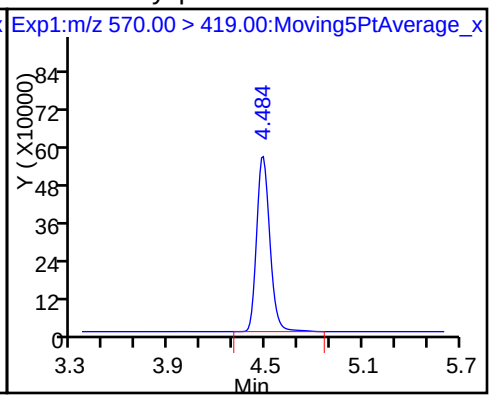
24 Perfluorodecanoic acid



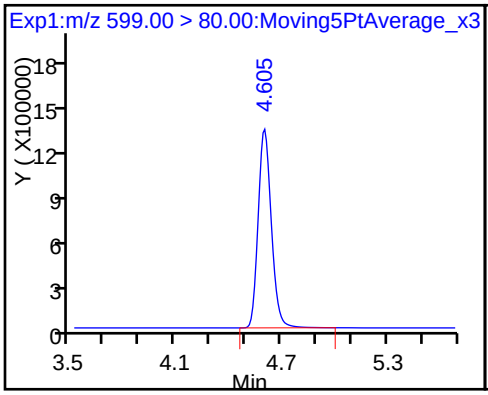
D 27 d3-NMeFOSAA



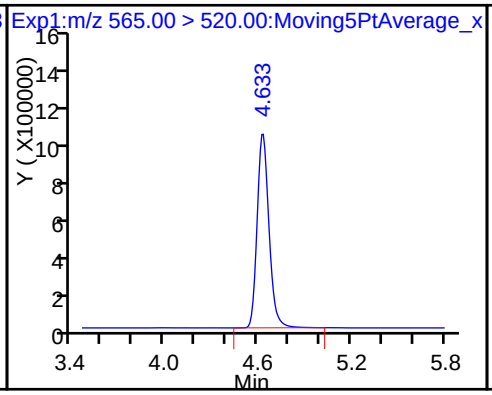
28 N-methyl perfluorooctane sulfonami



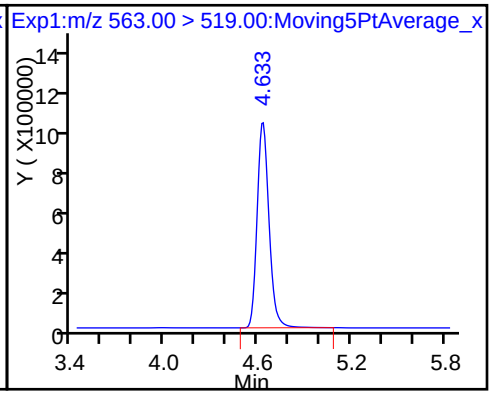
29 Perfluorodecane Sulfonic acid



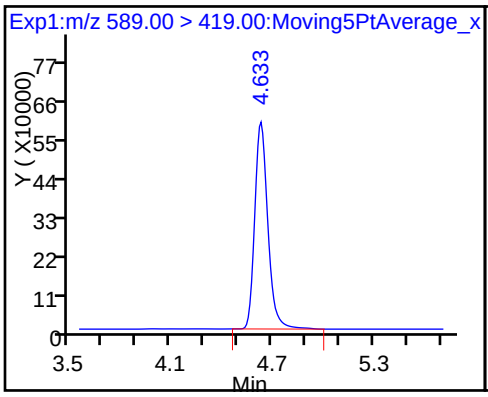
D 30 13C2 PFUnA



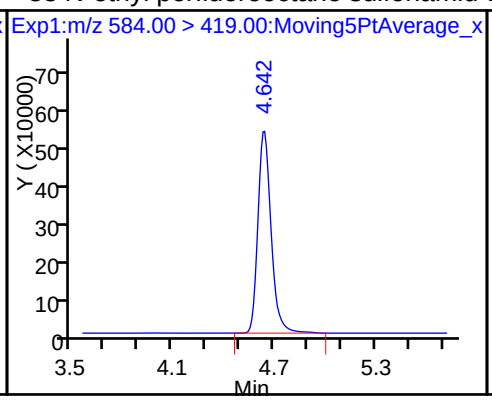
31 Perfluoroundecanoic acid



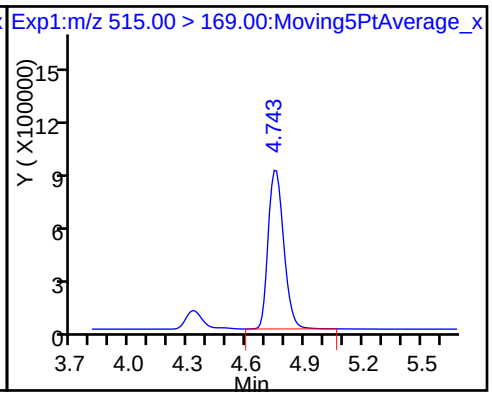
D 32 d5-NEtFOSAA



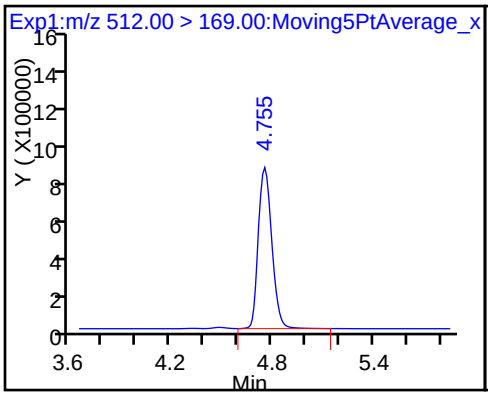
33 N-ethyl perfluorooctane sulfonamid



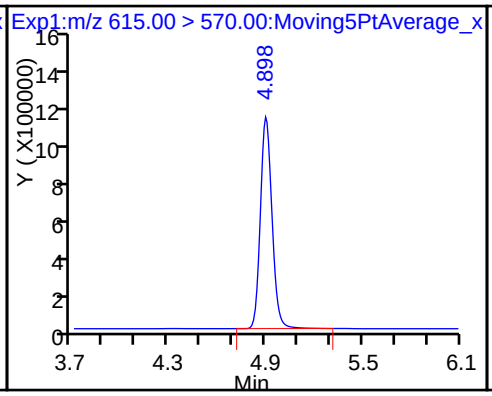
D 34 d-N-MeFOSA-M



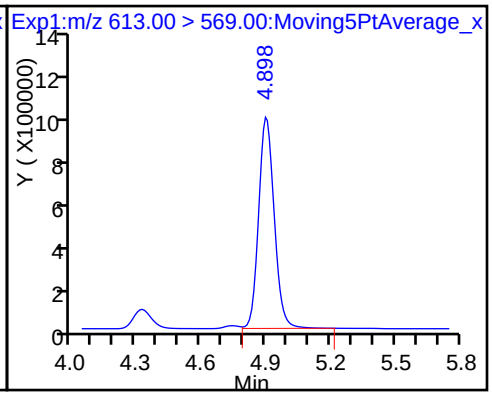
35 MeFOSA



D 36 13C2 PFDoA



37 Perfluorododecanoic acid



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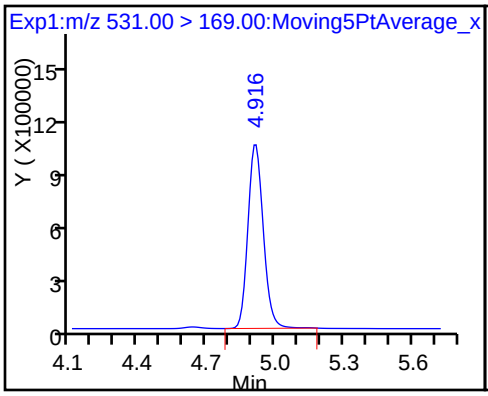
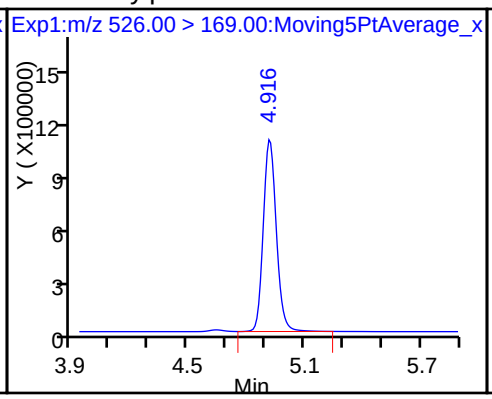
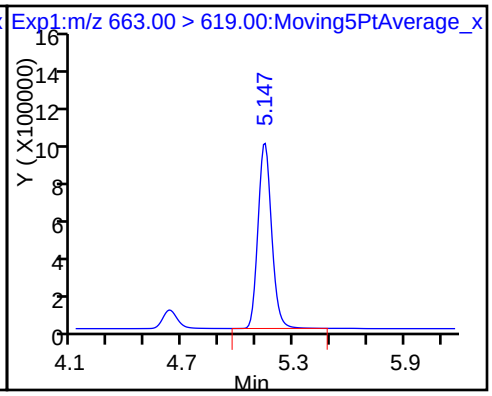


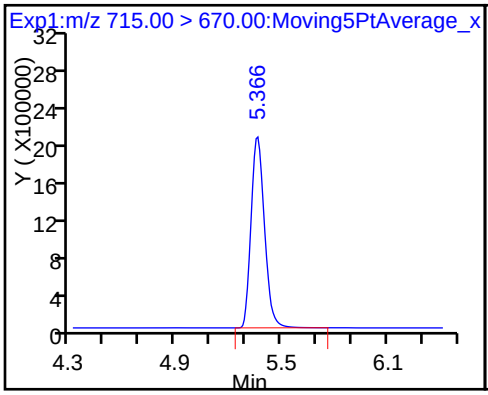
39 N-ethylperfluoro-1-octanesulfonami



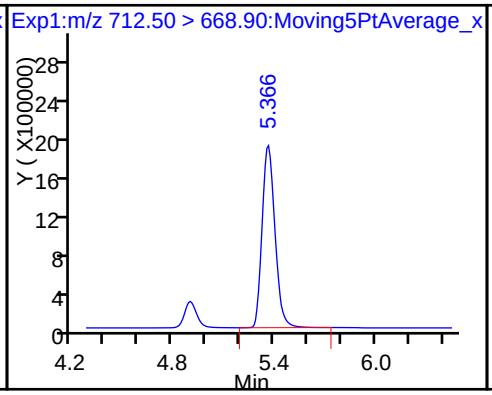
41 Perfluorotridecanoic acid



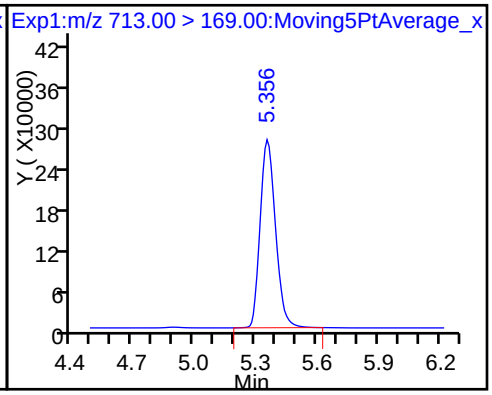
D 43 13C2-PFTeDA



42 Perfluorotetradecanoic acid

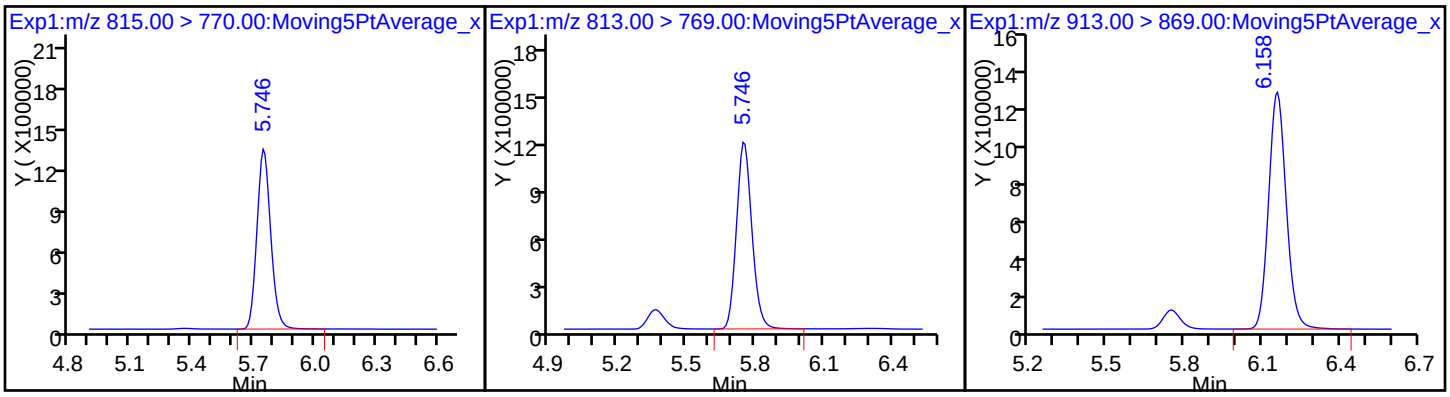


42 Perfluorotetradecanoic acid



Report Date: 23-May-2017 08:44:18 Chrom Revision: 2.2 25-Apr-2017 13:27:22
Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_012.d

D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: CCVL 320-166254/1 Calibration Date: 05/25/2017 13:14

Instrument ID: A8_N Calib Start Date: 05/22/2017 18:42

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/22/2017 19:26

Lab File ID: 2017.05.25A_003.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	1.003	1.024		1.01	0.990	2.1	50.0
Perfluoropentanoic acid (PFPeA)	AveID	1.084	1.170		1.07	0.990	8.0	50.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.582	1.735		0.960	0.875	9.7	50.0
Perfluorohexanoic acid (PFHxA)	AveID	1.036	1.112		1.06	0.990	7.3	50.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.096	1.159		1.05	0.990	5.8	50.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.210	1.295		0.965	0.901	7.1	50.0
6:2FTS	AveID	0.9629	1.172		1.14	0.939	21.8	50.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.365	1.345		0.929	0.943	-1.4	50.0
Perfluorooctanoic acid (PFOA)	AveID	1.123	1.148		1.01	0.990	2.2	50.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.187	1.149		0.890	0.919	-3.2	50.0
Perfluorononanoic acid (PFNA)	AveID	1.087	1.147		1.04	0.990	5.4	50.0
Perfluorooctane Sulfonamide (FOSA)	AveID	1.048	1.119		1.06	0.990	6.7	50.0
8:2FTS	AveID	0.9756	1.011		0.982	0.949	3.6	50.0
Perfluorodecanoic acid (PFDA)	AveID	1.018	1.076		1.05	0.990	5.7	50.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.007	0.9588		0.943	0.990	-4.8	50.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6945	0.6866		0.944	0.954	-1.1	50.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.174	1.198		1.01	0.990	2.1	50.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9551	0.8995		0.932	0.990	-5.8	50.0
MeFOSA	AveID	0.9631	1.003		1.03	0.990	4.1	50.0
Perfluorododecanoic acid (PFDoA)	AveID	1.015	1.042		1.02	0.990	2.7	50.0
N-EtFOSA-M	AveID	1.019	1.005		0.976	0.990	-1.4	50.0
Perfluorotridecanoic Acid (PFTriA)	AveID	1.004	0.999		0.985	0.990	-0.6	50.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.287		1.04	0.990	4.7	50.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		1.877		1.11	0.990	12.5	50.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	1.260	1.187		0.932	0.990	-5.8	50.0
13C4 PFBA	Ave	372732	334656		44.4	49.5	-10.2	50.0
13C5-PFPeA	Ave	246497	243275		48.9	49.5	-1.3	50.0
13C2 PFHxA	Ave	244489	222768		45.1	49.5	-8.9	50.0
13C4-PFHpA	Ave	223707	217496		48.1	49.5	-2.8	50.0
18O2 PFHxS	Ave	322150	300670		43.7	46.8	-6.7	50.0
M2-6:2FTS	Ave	131356	105951		37.9	47.0	-19.3	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: CCVL 320-166254/1 Calibration Date: 05/25/2017 13:14

Instrument ID: A8_N Calib Start Date: 05/22/2017 18:42

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/22/2017 19:26

Lab File ID: 2017.05.25A_003.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	226888	219675		47.9	49.5	-3.2	50.0
13C4 PFOS	Ave	234642	215294		43.4	47.3	-8.2	50.0
13C5 PFNA	Ave	174482	175613		49.8	49.5	0.6	50.0
13C8 FOSA	Ave	367735	349724		47.1	49.5	-4.9	50.0
13C2 PFDA	Ave	149557	159104		52.7	49.5	6.4	50.0
M2-8:2FTS	Ave	99608	100464		47.8	47.4	0.9	50.0
d3-NMeFOSAA	Ave	66001	69107		51.8	49.5	4.7	50.0
13C2 PFUnA	Ave	112228	122843		54.2	49.5	9.5	50.0
d5-NEtFOSAA	Ave	64270	73130		56.3	49.5	13.8	50.0
d-N-MeFOSA-M	Ave	98992	91394		45.7	49.5	-7.7	50.0
13C2 PFDoA	Ave	108877	117721		53.5	49.5	8.1	50.0
d-N-EtFOSA-M	Ave	95914	87751		45.3	49.5	-8.5	50.0
13C2-PFTeDA	Ave	215350	227713		52.3	49.5	5.7	50.0
13C2-PFHxDA	Ave	120243	137812		56.7	49.5	14.6	50.0

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170525-43527.b\2017.05.25A_003.d
Lims ID: CCVL
Client ID:
Sample Type: CCVL
Inject. Date: 25-May-2017 13:14:40 ALS Bottle#: 29 Worklist Smp#: 1
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: CCVL
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub20

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170525-43527.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 25-May-2017 15:34:41 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK021

First Level Reviewer: westendorfc Date: 25-May-2017 15:34:35

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
2 Perfluorobutyric acid										
212.90 > 169.00	1.903	1.912	-0.009	1.000	339260	1.01		102	119	
D 1 13C4 PFBA										
217.00 > 172.00	1.903	1.912	-0.009		16567136	44.4		89.8	506327	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.252	2.252	0.0	1.000	281834	1.07		108	81.6	
D 3 13C5-PFPeA										
267.90 > 223.00	2.242	2.252	-0.010		12043315	48.9		98.7	442122	
D 47 13C3-PFBS										
301.90 > 83.00	2.280	2.290	-0.010		292215	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.290	2.299	-0.009	1.000	456571	0.9600		110		
298.90 > 99.00	2.290	2.299	-0.009	1.000	188181		2.43(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.566	2.578	-0.012	1.000	69920	0.9010		97.4		
6 Perfluorohexanoic acid										
313.00 > 269.00	2.610	2.621	-0.011	1.000	245203	1.06		107	634	
D 7 13C2 PFHxA										
315.00 > 270.00	2.610	2.621	-0.011		11028126	45.1		91.1	77601	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.999	3.011	-0.012	1.000	249686	1.05		106	197	
D 9 13C4-PFHpA										
367.00 > 322.00	2.999	3.011	-0.012		10767107	48.1		97.2	48813	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.007	3.019	-0.012	1.000	350893	0.9646		107		
D 11 18O2 PFHxS										
403.00 > 84.00	3.007	3.019	-0.012		14080894	43.7		93.3	48888	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2FTS										
429.00 > 409.00	3.367	3.380	-0.013		4982844	37.9		80.7		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.367	3.389	-0.022	1.000	116594	1.14		122		
D 14 13C4 PFOA										
417.00 > 372.00	3.393	3.397	-0.004		10875012	47.9		96.8	41059	
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.393	3.397	-0.004	1.000	273042	0.9292		98.6		
15 Perfluorooctanoic acid										
413.00 > 369.00	3.393	3.406	-0.013	1.000	249651	1.01		102	66.5	
413.00 > 169.00	3.393	3.406	-0.013	1.000	152503		1.64(0.90-1.10)		588	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.640	3.762	-0.122	1.000	227290	0.8897		96.8	284	
499.00 > 99.00	3.762	3.762	0.0	1.033	51579		4.41(0.90-1.10)		379	
D 18 13C4 PFOS										
503.00 > 80.00	3.762	3.762	0.0		10189169	43.4		91.8	12470	
D 19 13C5 PFNA										
468.00 > 423.00	3.771	3.771	0.0		8693692	49.8		101	20949	
20 Perfluorononanoic acid										
463.00 > 419.00	3.771	3.771	0.0	1.000	199383	1.04		105	263	
D 21 13C8 FOSA										
506.00 > 78.00	4.086	4.087	-0.001		17313062	47.1		95.1	61817	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.086	4.096	-0.010	1.000	387337	1.06		107	2986	
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.122	4.123	-0.001	1.000	96294	0.9824		104		
D 26 M2-8:2FTS										
529.00 > 509.00	4.122	4.123	-0.001		4764579	47.8		101		
24 Perfluorodecanoic acid										
513.00 > 469.00	4.122	4.123	-0.001	1.000	169447	1.05		106	559	
D 23 13C2 PFDA										
515.00 > 470.00	4.122	4.123	-0.001		7876432	52.7		106	9700	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.283	4.279	0.004		3421155	51.8		105		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.283	4.288	-0.005	1.000	65607	0.9430		95.2		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.413	4.419	-0.006	1.000	141078	0.9436		98.9		
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.440	4.437	0.003	1.000	145765	1.01		102	412	
D 30 13C2 PFUnA										
565.00 > 520.00	4.440	4.437	0.003		6081344	54.2		109	28720	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.440	4.437	0.003		3620291	56.3		114		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.449	4.446	0.003	1.002	65126	0.9324		94.2		
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.566	4.562	0.004		4524453	45.7		92.3		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
35 MeFOSA										
512.00 > 169.00	4.566	4.562	0.004	1.000	90742	1.03		104		
37 Perfluorododecanoic acid										
613.00 > 569.00	4.722	4.717	0.005	1.000	121508	1.02		103	41.0	
D 36 13C2 PFDoA										
615.00 > 570.00	4.722	4.717	0.005		5827794	53.5		108	6415	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.731	4.726	0.005		4344112	45.3		91.5		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.741	4.736	0.005	1.000	87303	0.9760		98.6		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.974	4.976	-0.002	1.000	116398	0.9846		99.4	61.9	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.199	5.201	-0.002		11272915	52.3		106	8237	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.199	5.201	-0.002	1.000	266570	1.04		105	6.8	
713.00 > 169.00	5.199	5.201	-0.002	1.000	39013		6.83(0.00-0.00)		274	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.609	5.601	0.008		6822390	56.7		115	3300	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.609	5.610	-0.001	1.000	218805	1.11		112	7.5	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.980	5.975	0.005	1.000	138355	0.9324		94.2	6.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L2_00003 Amount Added: 1.00 Units: mL

Report Date: 25-May-2017 15:34:42 Chrom Revision: 2.2 19-May-2017 10:18:30

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170525-43527.b\2017.05.25A_003.d

Injection Date: 25-May-2017 13:14:40 Instrument ID: A8_N

Lims ID: CCVL

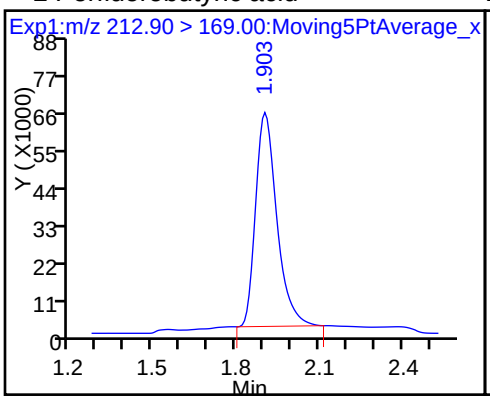
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 29 Worklist Smp#: 1

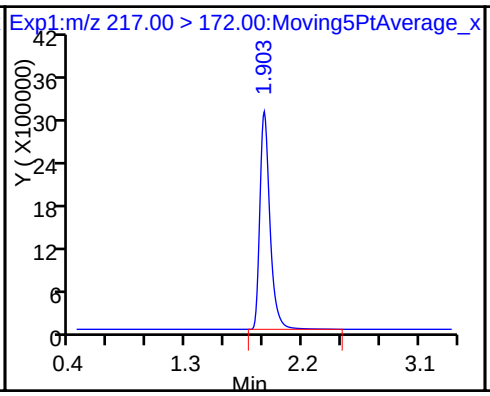
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

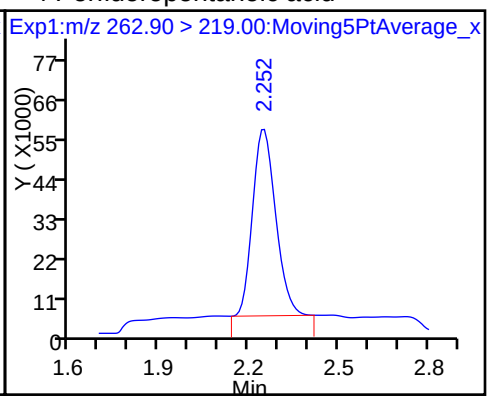
2 Perfluorobutyric acid



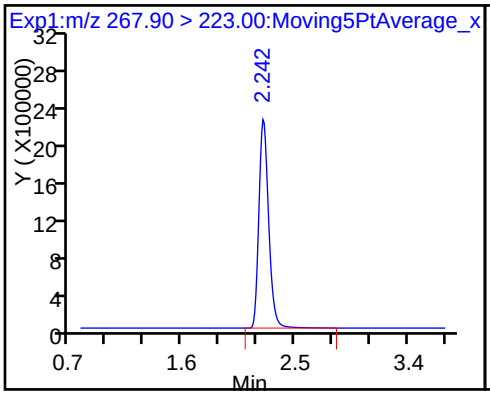
D 1 13C4 PFBA



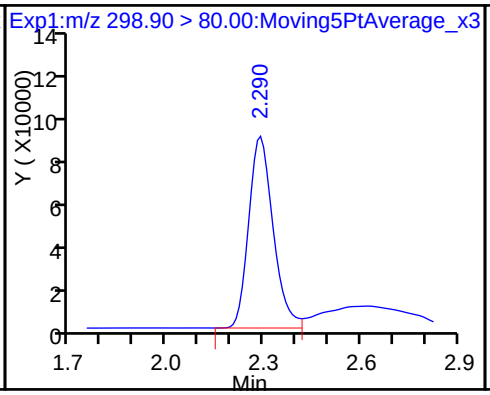
4 Perfluoropentanoic acid



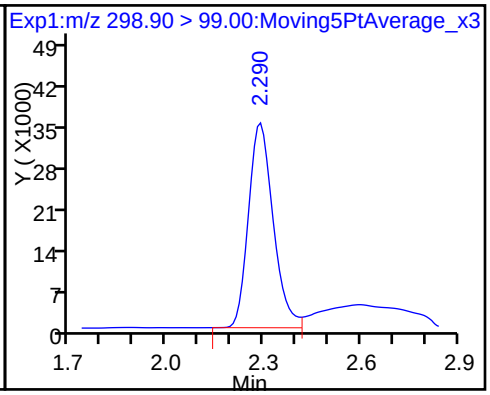
D 3 13C5-PFPeA



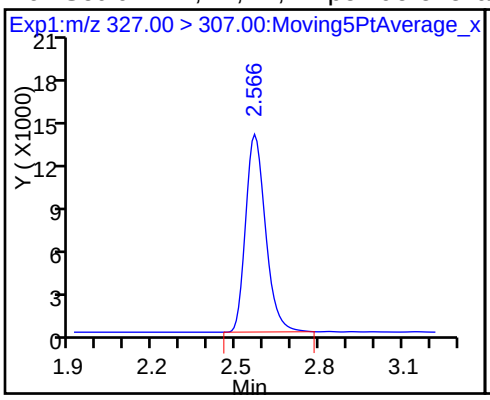
5 Perfluorobutanesulfonic acid



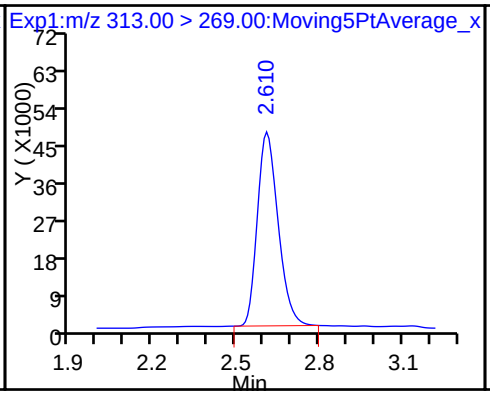
5 Perfluorobutanesulfonic acid



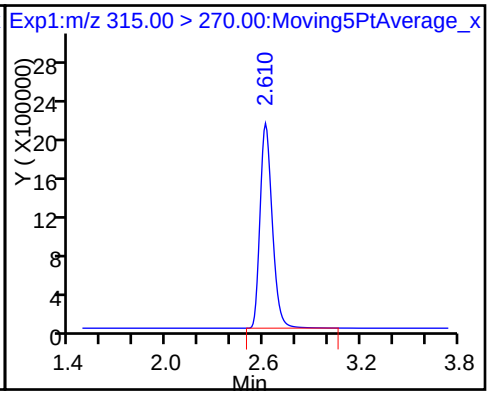
61 Sodium 1H,1H,2H,2H-perfluorohexane



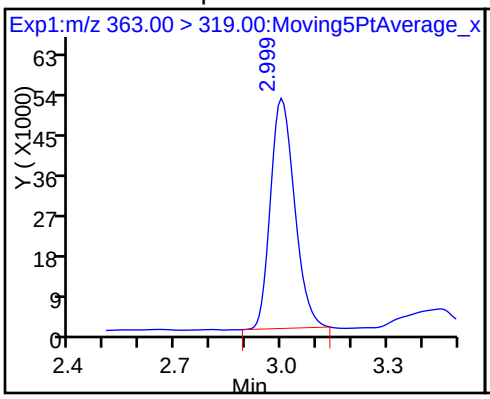
6 Perfluorohexanoic acid



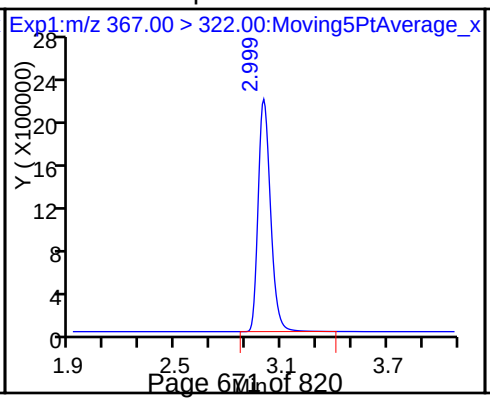
D 7 13C2 PFHxA



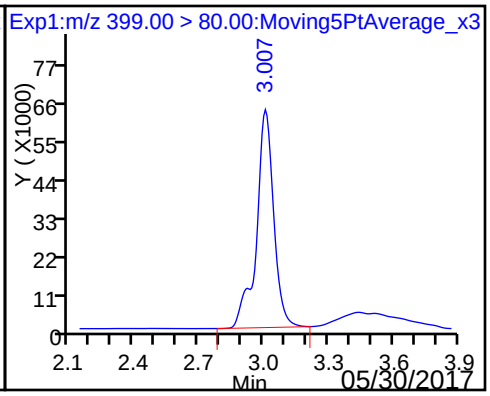
10 Perfluoroheptanoic acid



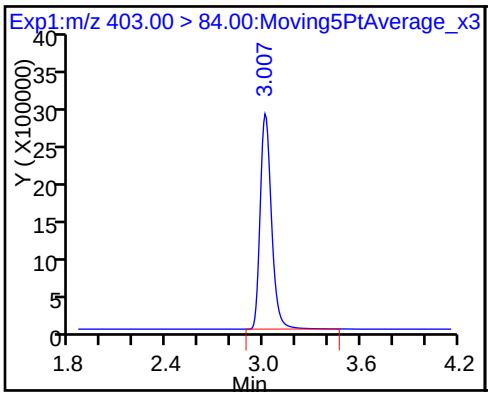
D 9 13C4-PFHpA



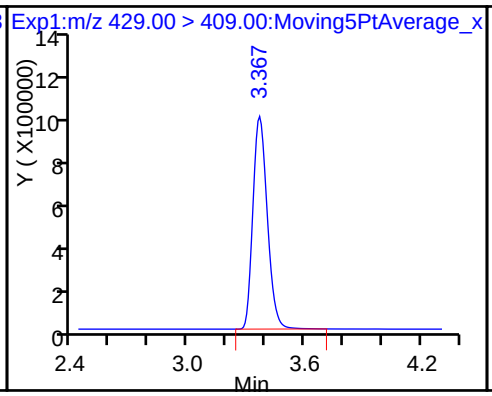
8 Perfluorohexanesulfonic acid



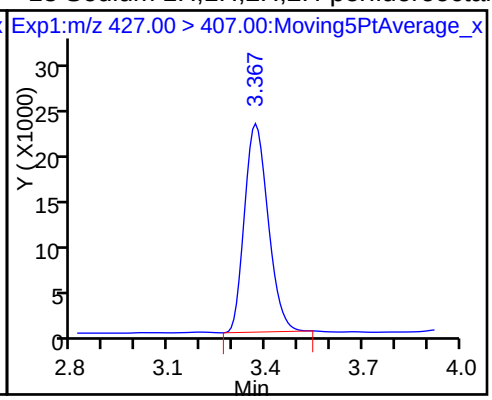
D 11 18O2 PFHxS



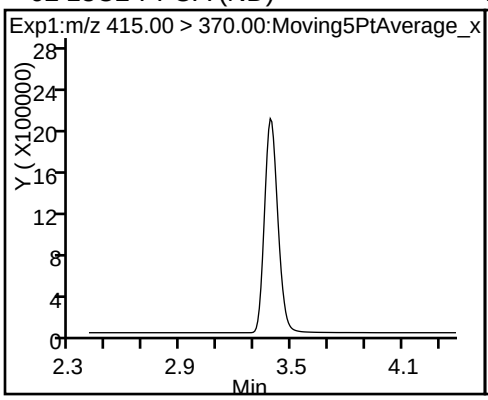
D 12 M2-6:2FTS



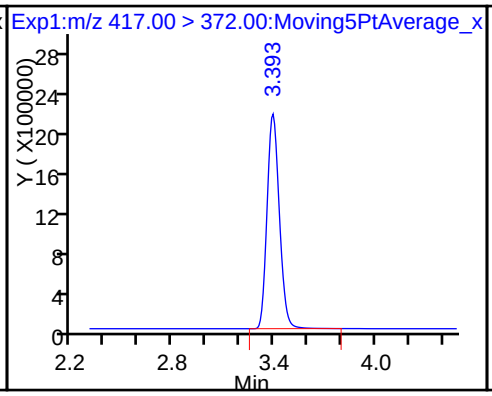
13 Sodium 1H,1H,2H,2H-perfluorooctane



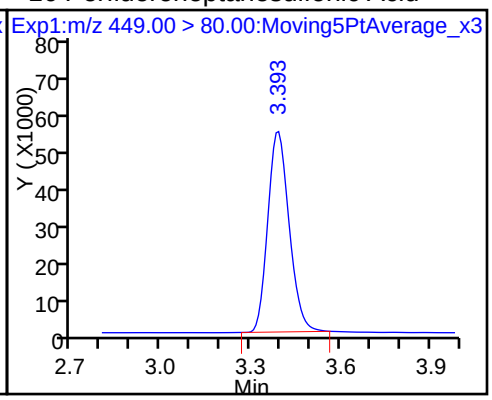
* 62 13C2-PFOA (ND)



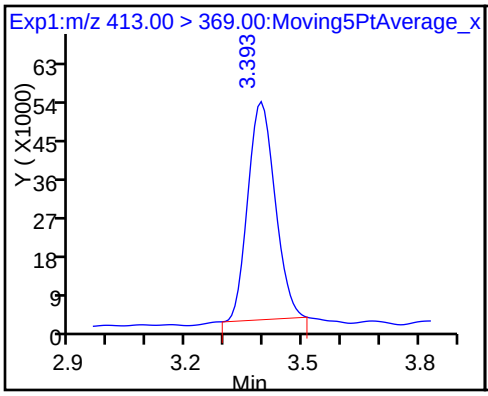
D 14 13C4 PFOA



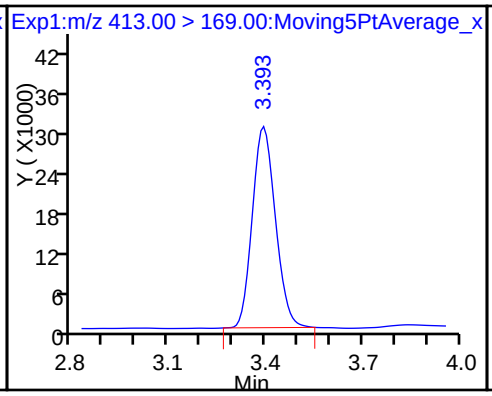
16 Perfluoroheptanesulfonic Acid



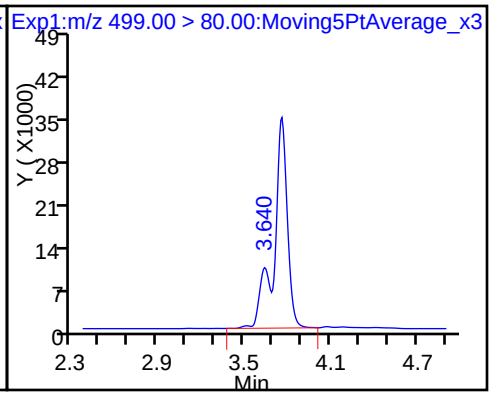
15 Perfluorooctanoic acid



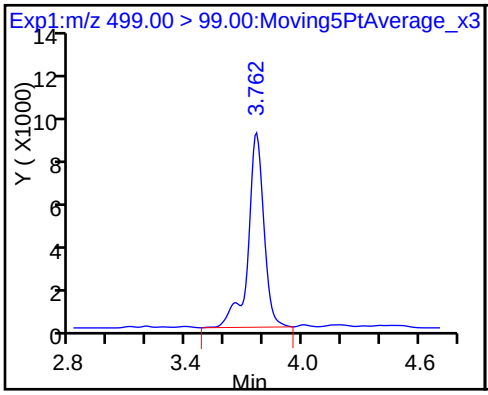
15 Perfluorooctanoic acid



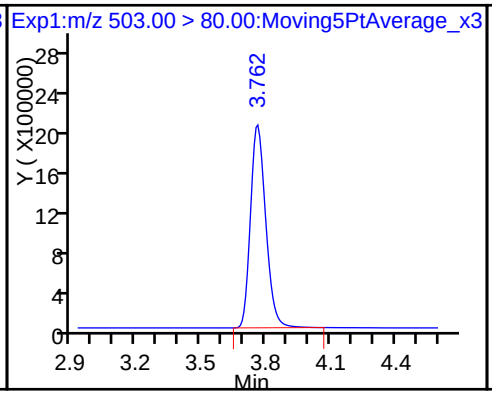
17 Perfluorooctane sulfonic acid



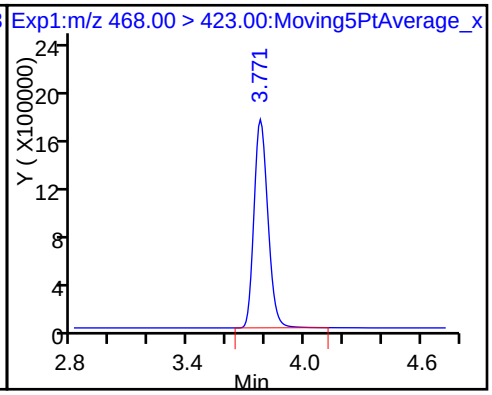
17 Perfluorooctane sulfonic acid



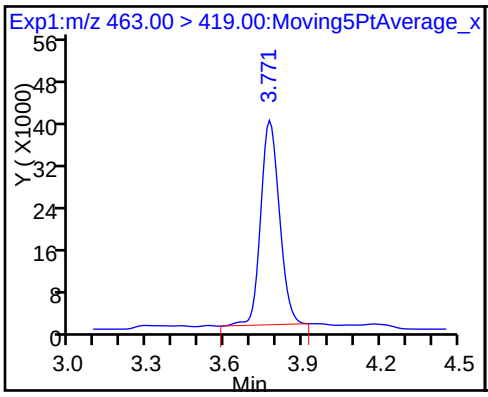
D 18 13C4 PFOS



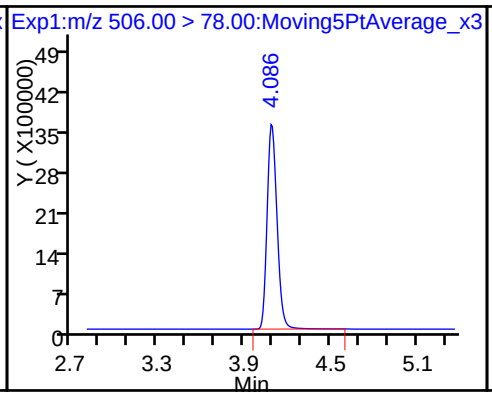
D 19 13C5 PFNA



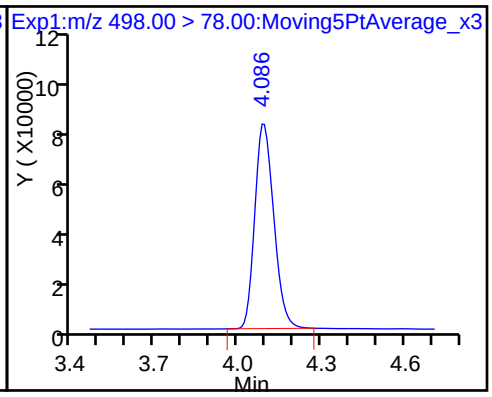
20 Perfluorononanoic acid



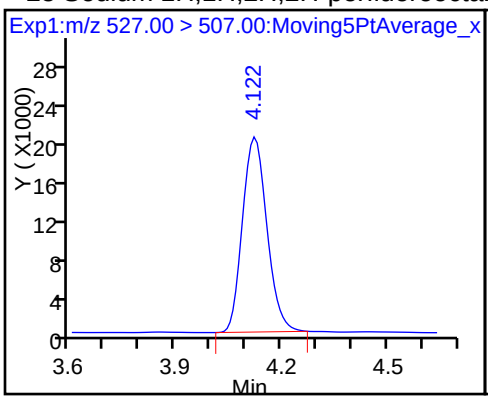
D 21 13C8 FOSA



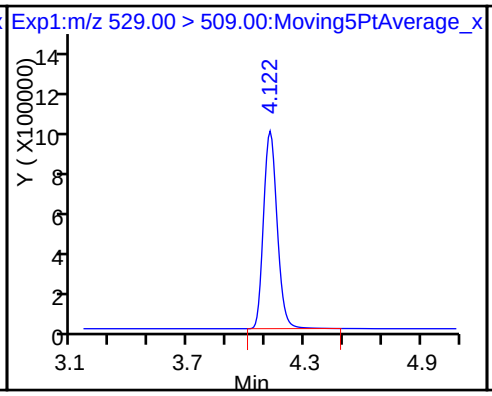
22 Perfluorooctane Sulfonamide



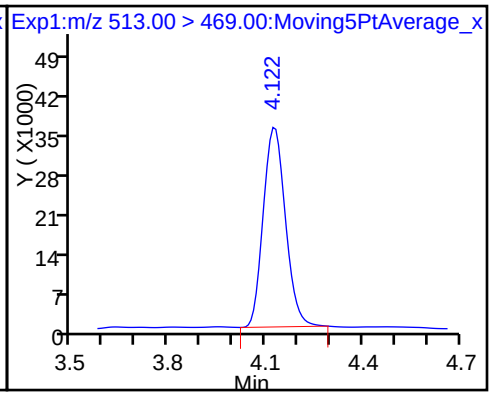
25 Sodium 1H,1H,2H,2H-perfluorooctane



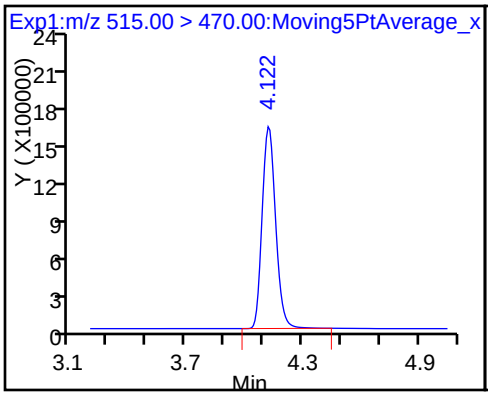
D 26 M2-8:2FTS



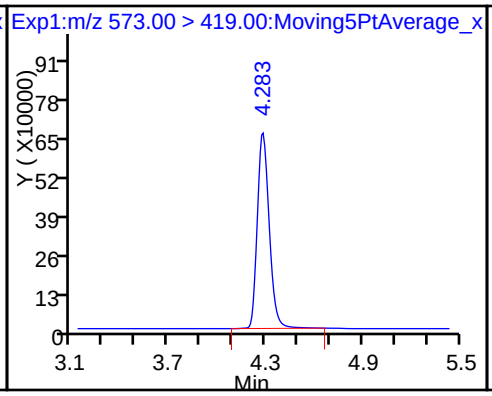
24 Perfluorodecanoic acid



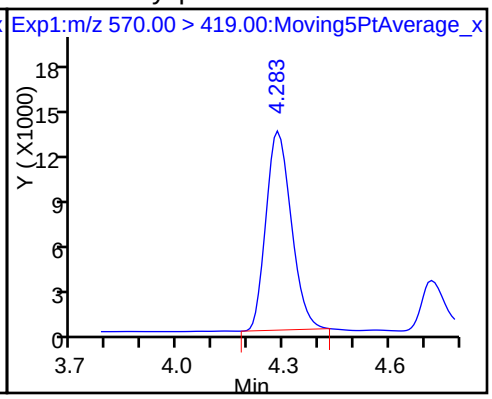
D 23 13C2 PFDA



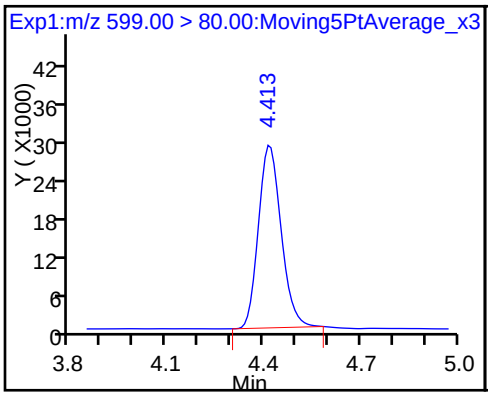
D 27 d3-NMeFOSAA



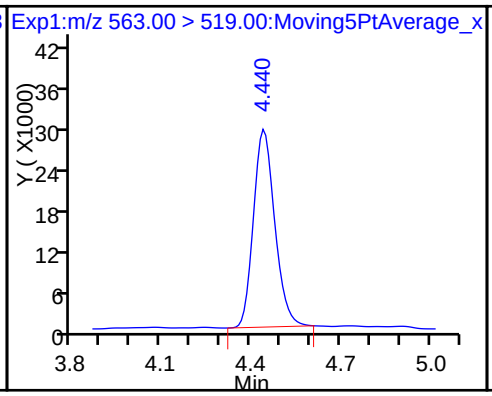
28 N-methyl perfluorooctane sulfonami



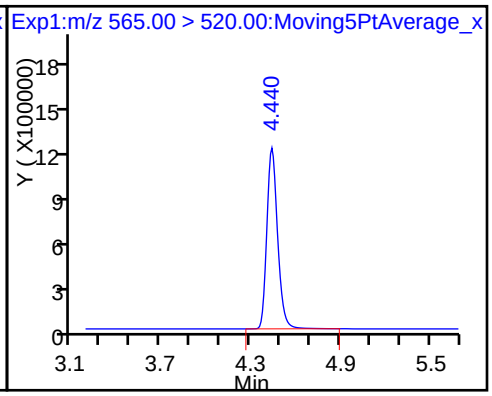
29 Perfluorodecane Sulfonic acid



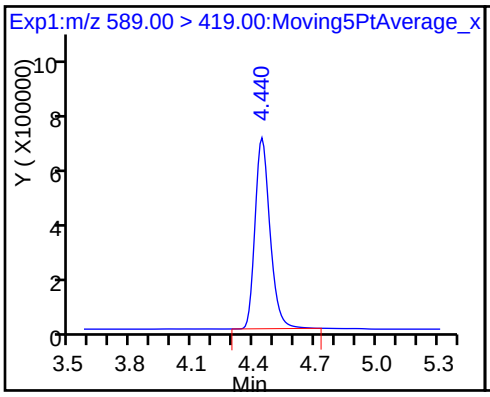
31 Perfluoroundecanoic acid



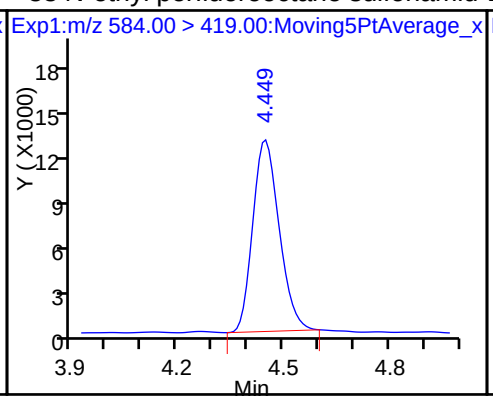
D 30 13C2 PFUnA



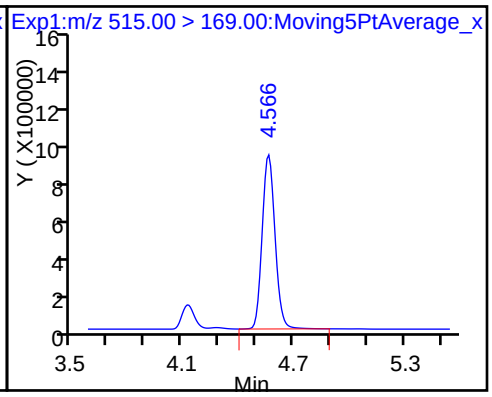
D 32 d5-NEtFOSAA



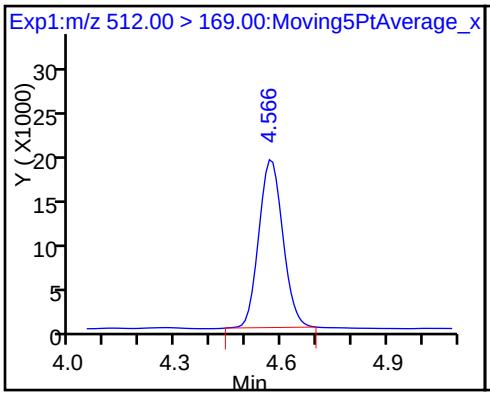
33 N-ethyl perfluorooctane sulfonamid



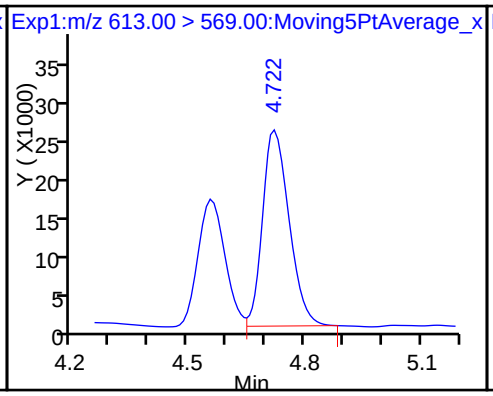
D 34 d-N-MeFOSA-M



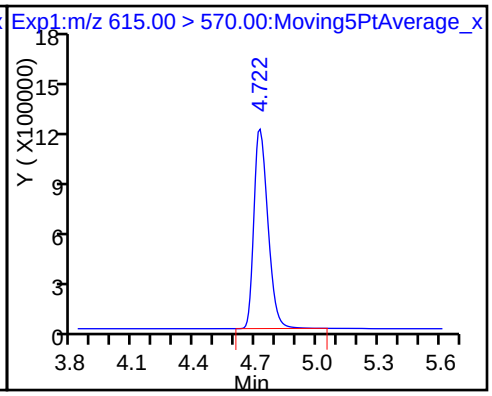
35 MeFOSA



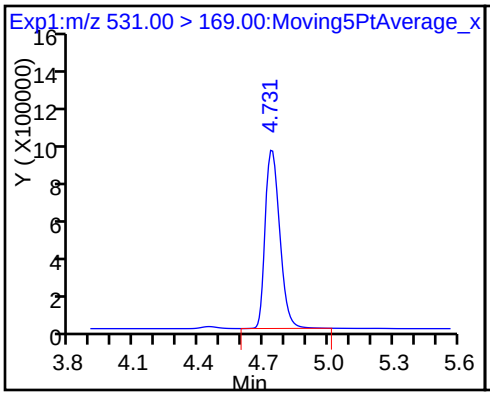
37 Perfluorododecanoic acid



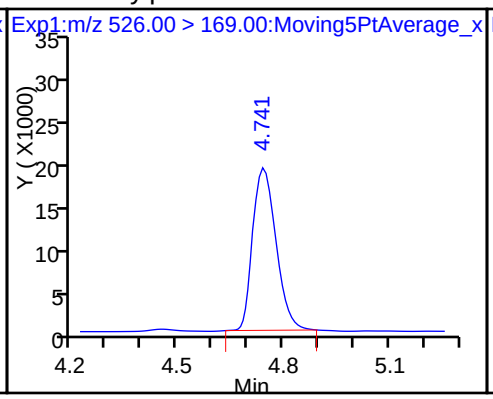
D 36 13C2 PFDoA



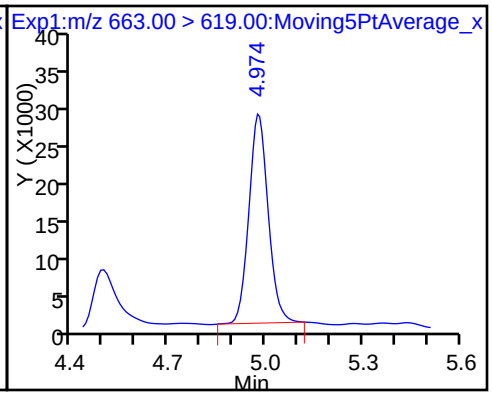
D 38 d-N-EtFOSA-M



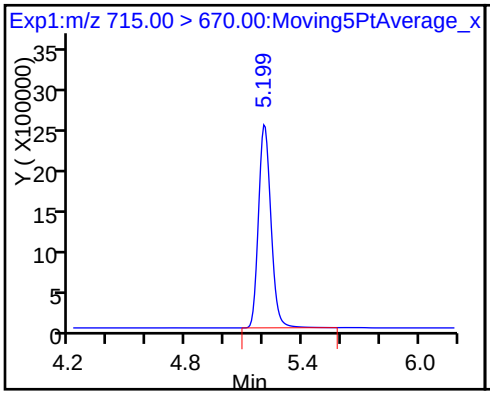
39 N-ethylperfluoro-1-octanesulfonami



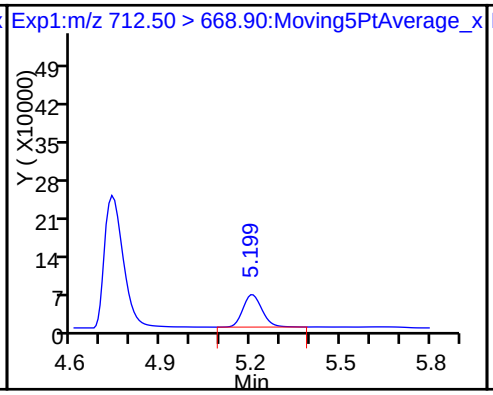
41 Perfluorotridecanoic acid



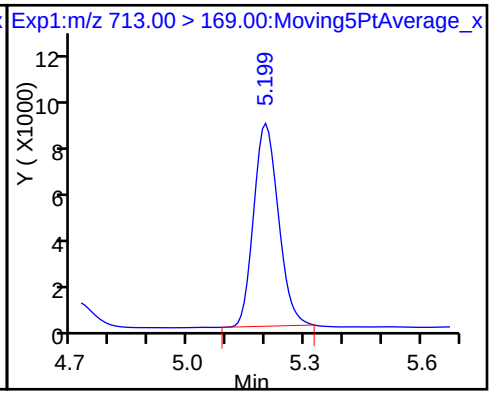
D 43 13C2-PFTeDA



42 Perfluorotetradecanoic acid

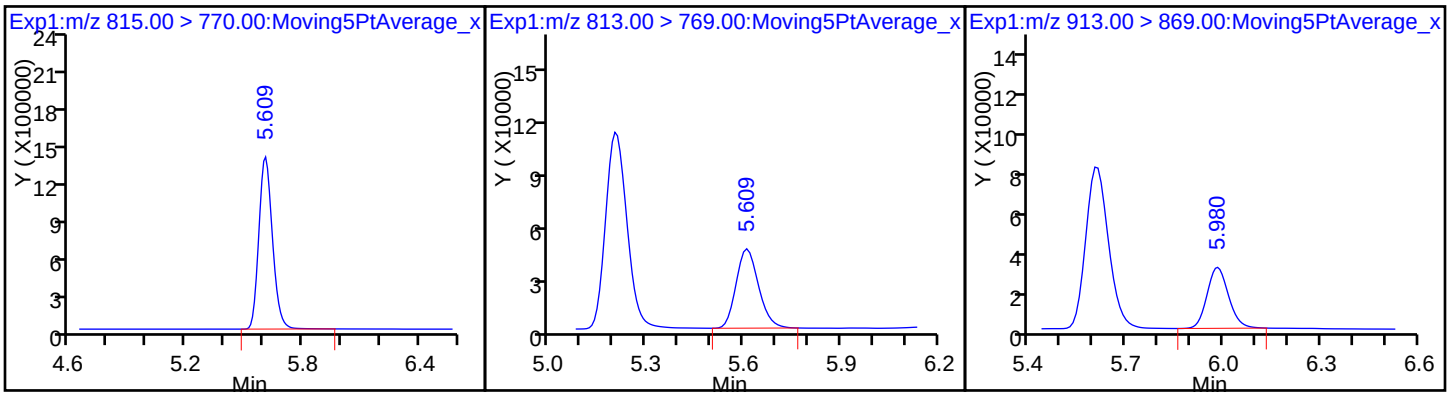


42 Perfluorotetradecanoic acid



Report Date: 25-May-2017 15:34:42 Chrom Revision: 2.2 19-May-2017 10:18:30
Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170525-43527.b\2017.05.25A_003.d

D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: CCV 320-166365/1 Calibration Date: 05/25/2017 21:46

Instrument ID: A8_N Calib Start Date: 05/22/2017 18:42

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/22/2017 19:26

Lab File ID: 2017.05.25C_036.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	1.003	1.102		21.8	19.8	9.8	25.0
Perfluoropentanoic acid (PFPeA)	AveID	1.084	1.072		19.6	19.8	-1.1	25.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.582	1.696		18.8	17.5	7.2	25.0
Perfluorohexanoic acid (PFHxA)	AveID	1.036	1.062		20.3	19.8	2.5	25.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.096	1.134		20.5	19.8	3.4	25.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.210	1.168		17.4	18.0	-3.4	25.0
6:2FTS	AveID	0.9629	0.9789		19.1	18.8	1.7	25.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.365	1.361		18.8	18.9	-0.3	25.0
Perfluorooctanoic acid (PFOA)	AveID	1.123	1.141		20.1	19.8	1.6	25.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.187	1.176		18.2	18.4	-0.9	25.0
Perfluorononanoic acid (PFNA)	AveID	1.087	1.102		20.1	19.8	1.3	25.0
Perfluorooctane Sulfonamide (FOSA)	AveID	1.048	1.111		21.0	19.8	6.0	25.0
8:2FTS	AveID	0.9756	1.003		19.5	19.0	2.8	25.0
Perfluorodecanoic acid (PFDA)	AveID	1.018	1.086		21.1	19.8	6.7	25.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.007	1.051		20.7	19.8	4.4	25.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6945	0.7138		19.6	19.1	2.8	25.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9551	1.001		20.8	19.8	4.8	25.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.174	1.183		20.0	19.8	0.8	25.0
MeFOSA	AveID	0.9631	1.011		20.8	19.8	4.9	25.0
Perfluorododecanoic acid (PFDoA)	AveID	1.015	1.042		20.3	19.8	2.7	25.0
N-EtFOSA-M	AveID	1.019	1.048		20.4	19.8	2.9	25.0
Perfluorotridecanoic Acid (PFTriA)	AveID	1.004	1.101		21.7	19.8	9.7	25.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.404		23.2	19.8	17.2	25.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		1.163		21.5	19.8	8.8	25.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	1.260	1.403		22.0	19.8	11.3	25.0
13C4 PFBA	Ave	372732	360498		47.9	49.5	-3.3	50.0
13C5-PFPeA	Ave	246497	265008		53.2	49.5	7.5	50.0
13C2 PFHxA	Ave	244489	236375		47.9	49.5	-3.3	50.0
13C4-PFHpA	Ave	223707	222452		49.2	49.5	-0.6	50.0
18O2 PFHxS	Ave	322150	319336		46.4	46.8	-0.9	50.0
M2-6:2FTS	Ave	131356	147566		52.8	47.0	12.3	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: CCV 320-166365/1 Calibration Date: 05/25/2017 21:46

Instrument ID: A8_N Calib Start Date: 05/22/2017 18:42

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/22/2017 19:26

Lab File ID: 2017.05.25C_036.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	226888	244813		53.4	49.5	7.9	50.0
13C4 PFOS	Ave	234642	230986		46.6	47.3	-1.6	50.0
13C5 PFNA	Ave	174482	189154		53.7	49.5	8.4	50.0
13C8 FOSA	Ave	367735	367176		49.4	49.5	-0.2	50.0
13C2 PFDA	Ave	149557	166084		55.0	49.5	11.1	50.0
M2-8:2FTS	Ave	99608	109587		52.2	47.4	10.0	50.0
d3-NMeFOSAA	Ave	66001	74046		55.5	49.5	12.2	50.0
13C2 PFUnA	Ave	112228	126409		55.8	49.5	12.6	50.0
d5-NEtFOSAA	Ave	64270	74430		57.3	49.5	15.8	50.0
d-N-MeFOSA-M	Ave	98992	102442		51.2	49.5	3.5	50.0
13C2 PFDoA	Ave	108877	121082		55.1	49.5	11.2	50.0
d-N-EtFOSA-M	Ave	95914	97067		50.1	49.5	1.2	50.0
13C2-PFTeDA	Ave	215350	258185		59.4	49.5	19.9	50.0
13C2-PFHxDA	Ave	120243	141734		58.4	49.5	17.9	50.0

FORM VII 537 (Modified)

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_036.d
Lims ID: CCV L4
Client ID:
Sample Type: CCV
Inject. Date: 25-May-2017 21:46:27 ALS Bottle#: 31 Worklist Smp#: 1
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: CCV L4
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub20

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:23 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:21:59

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.937	1.937	0.0		17846422	47.9		96.7	140449	
2 Perfluorobutyric acid										
212.90 > 169.00	1.945	1.945	0.0	1.000	7866768	21.8		110	4219	
D 3 13C5-PFPeA										
267.90 > 223.00	2.290	2.290	0.0		13119206	53.2		108	237451	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.290	2.290	0.0	1.000	5625875	19.6		98.9	1530	
D 47 13C3-PFBS										
301.90 > 83.00	2.319	2.319	0.0		295762	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.329	2.329	0.0	1.000	9478864	18.8		107		
298.90 > 99.00	2.329	2.329	0.0	1.000	3819672		2.48(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.615	2.615	0.0	1.000	1722567	15.9		86.2		
D 7 13C2 PFHxA										
315.00 > 270.00	2.653	2.653	0.0		11701754	47.9		96.7	350461	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.663	2.663	0.0	1.000	4969640	20.3		102	16849	
D 9 13C4-PFHpA										
367.00 > 322.00	3.042	3.042	0.0		11012479	49.2		99.4	47370	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.050	3.050	0.0	1.000	4995795	20.5		103	2348	
D 11 18O2 PFHxS										
403.00 > 84.00	3.058	3.058	0.0		14955028	46.4		99.1	90468	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.058	3.058	0.0	1.000	6723841	17.4		96.6		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2FTS										
429.00 > 409.00	3.427	3.427	0.0		6939962	52.8		112		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.427	3.427	0.0	1.000	2711772	19.1		102		
* 62 13C2-PFOA										
415.00 > 370.00	3.435	3.435	0.0		11833032	49.5		100		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.435	3.435	0.0	1.000	5927105	18.8		99.7		
D 14 13C4 PFOA										
417.00 > 372.00	3.444	3.444	0.0		12119480	53.4		108	50046	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.444	3.444	0.0	1.000	5530769	20.1		102	692	
413.00 > 169.00	3.444	3.444	0.0	1.000	3175907		1.74(0.90-1.10)		7359	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.768	3.768	0.0	1.000	4992040	18.2		99.1	2138	
499.00 > 99.00	3.812	3.768	0.044	1.012	1089433		4.58(0.90-1.10)		5840	
D 18 13C4 PFOS										
503.00 > 80.00	3.812	3.812	0.0		10931832	46.6		98.4	22812	
D 19 13C5 PFNA										
468.00 > 423.00	3.821	3.821	0.0		9364061	53.7		108	25866	
20 Perfluorononanoic acid										
463.00 > 419.00	3.821	3.821	0.0	1.000	4126756	20.1		101	4996	
D 21 13C8 FOSA										
506.00 > 78.00	4.145	4.145	0.0		18177029	49.4		99.8	91017	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.145	4.145	0.0	1.000	8080553	21.0		106	26972	
D 26 M2-8:2FTS										
529.00 > 509.00	4.171	4.171	0.0		5197237	52.2		110		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.171	4.171	0.0	1.000	2085323	19.5		103		
24 Perfluorodecanoic acid										
513.00 > 469.00	4.171	4.171	0.0	1.000	3570818	21.1		107	7973	
D 23 13C2 PFDA										
515.00 > 470.00	4.171	4.171	0.0		8221988	55.0		111	10583	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.328	4.328	0.0		3665657	55.5		112		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.339	4.339	0.0	1.002	1540816	20.7		104		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.458	4.458	0.0	1.000	3147208	19.6		103		
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.487	4.487	0.0		3684665	57.3		116		
D 30 13C2 PFUnA										
565.00 > 520.00	4.487	4.487	0.0		6257886	55.8		113	29895	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.487	4.487	0.0	1.000	2961854	20.0		101	7786	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.487	4.487	0.0	1.000	1475311	20.8		105		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.611	4.611	0.0		5071390	51.2		103		
35 MeFOSA										
512.00 > 169.00	4.611	4.611	0.0	1.000	2049922	20.8		105		
D 36 13C2 PFDoA										
615.00 > 570.00	4.764	4.764	0.0		5994154	55.1		111	8959	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.764	4.764	0.0	1.000	2498773	20.3		103	593	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.773	4.773	0.0		4805311	50.1		101		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.783	4.783	0.0	1.000	2015324	20.4		103		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.010	5.010	0.0	1.000	2640321	21.7		110	239	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.234	5.234	0.0		12781432	59.4		120	9471	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.234	5.234	0.0	1.000	5763910	23.2		117	94.2	
713.00 > 169.00	5.234	5.234	0.0	1.000	773773		7.45(0.00-0.00)		2498	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.635	5.635	0.0		7016537	58.4		118	3121	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.635	5.635	0.0	1.000	2789117	21.5		109	80.2	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.021	6.021	0.0	1.000	3363266	22.0		111	90.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L4_00003 Amount Added: 1.00 Units: mL

Report Date: 26-May-2017 14:32:24 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_036.d

Injection Date: 25-May-2017 21:46:27 Instrument ID: A8_N

Lims ID: CCV L4

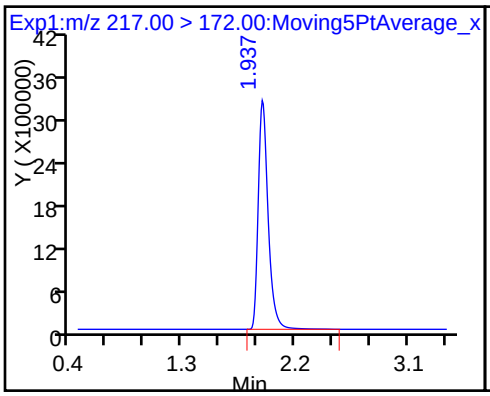
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 31 Worklist Smp#: 1

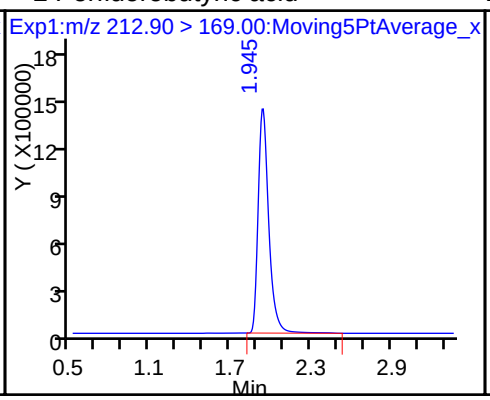
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

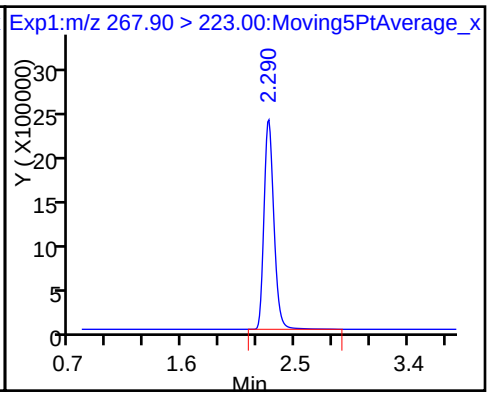
D 1 13C4 PFBA



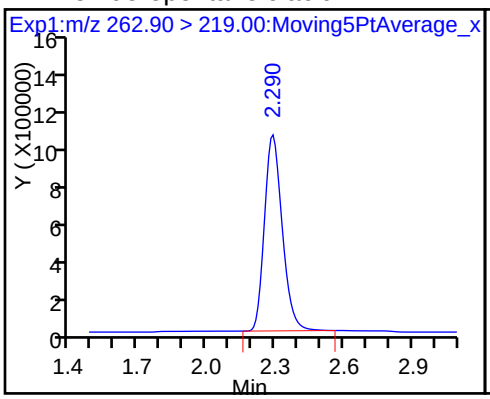
2 Perfluorobutyric acid



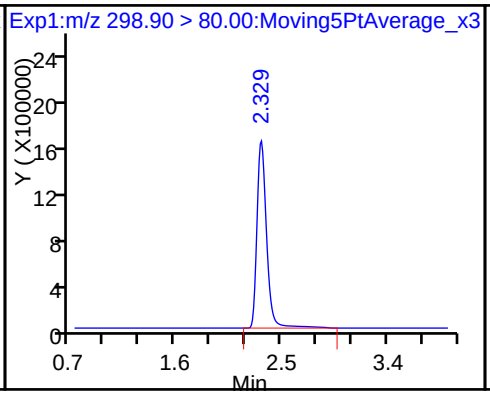
D 3 13C5-PFPeA



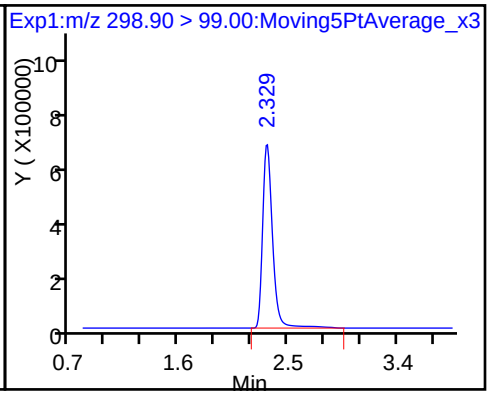
4 Perfluoropentanoic acid



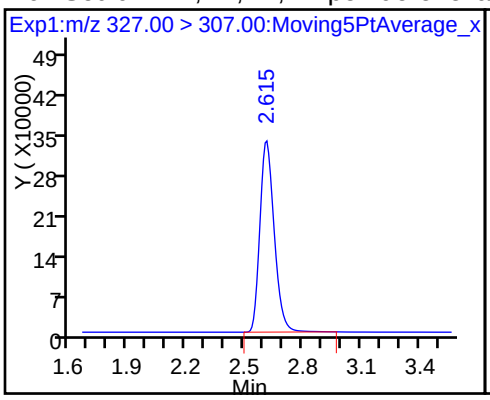
5 Perfluorobutanesulfonic acid



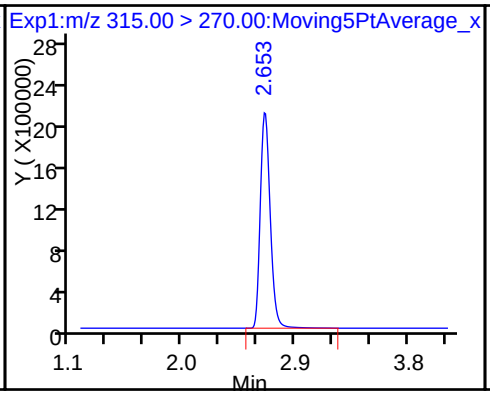
5 Perfluorobutanesulfonic acid



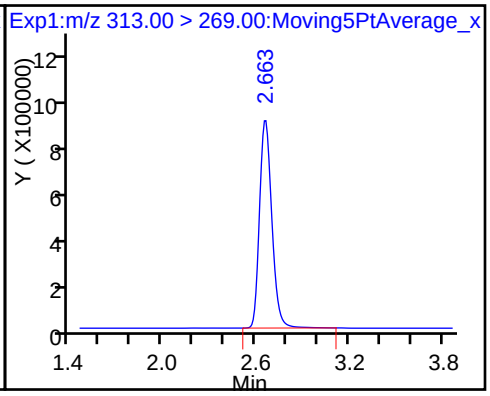
61 Sodium 1H,1H,2H,2H-perfluorohexane



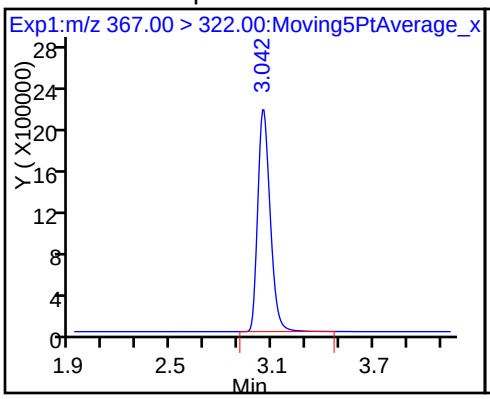
D 7 13C2 PFHxA



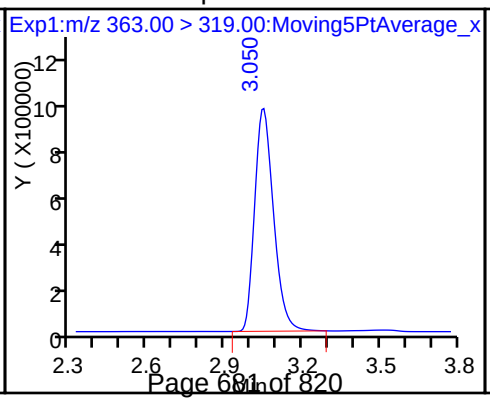
6 Perfluorohexanoic acid



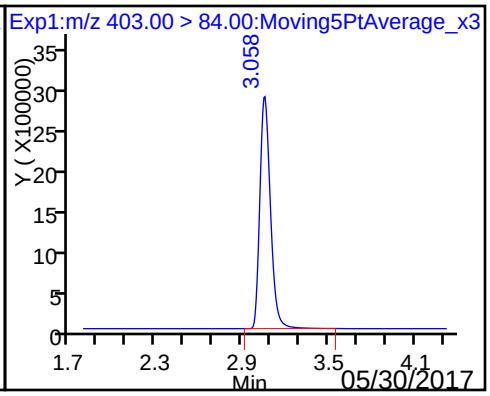
D 9 13C4-PFHpA



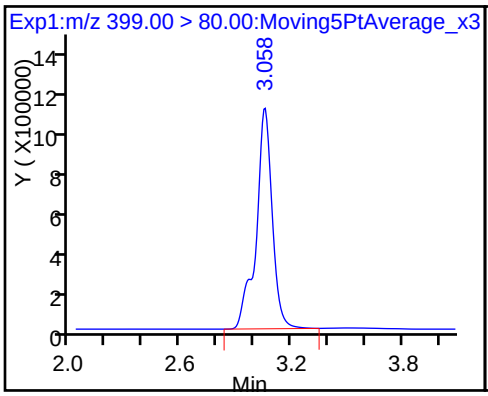
10 Perfluoroheptanoic acid



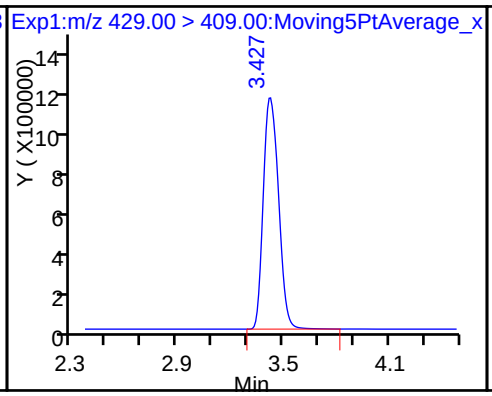
D 11 18O2 PFHxS



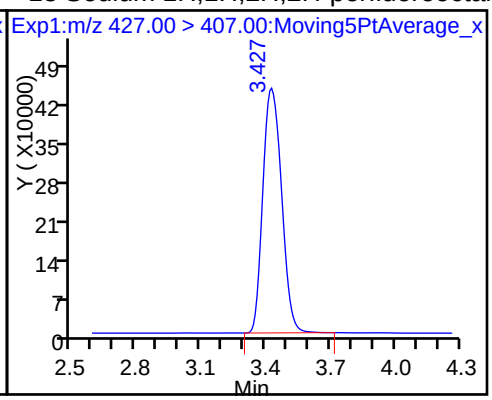
8 Perfluorohexanesulfonic acid



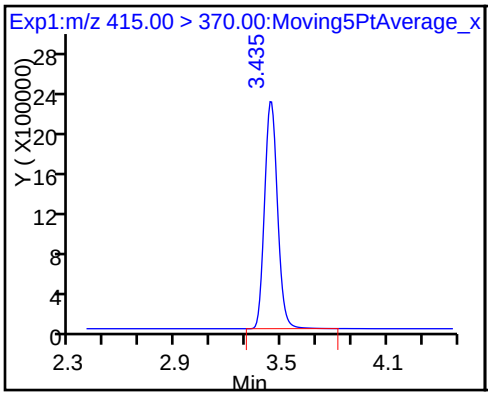
D 12 M2-6:2FTS



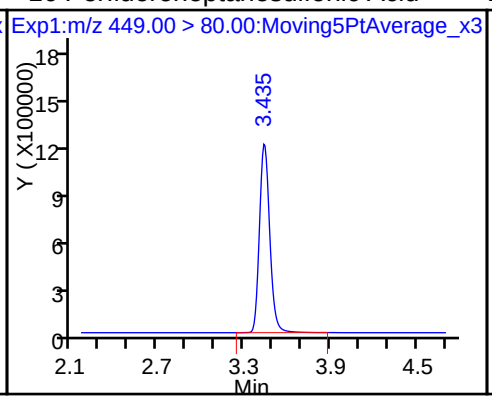
13 Sodium 1H,1H,2H,2H-perfluorooctane



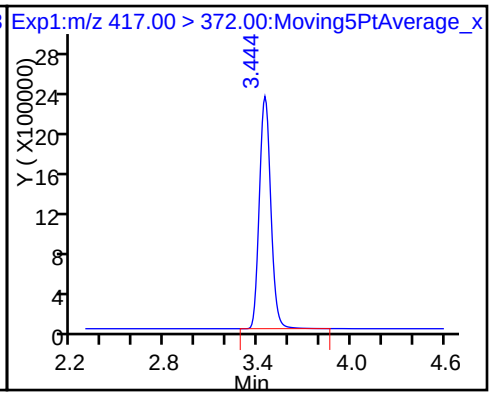
* 62 13C2-PFOA



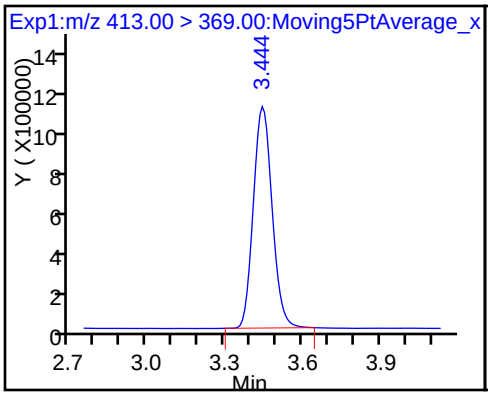
16 Perfluoroheptanesulfonic Acid



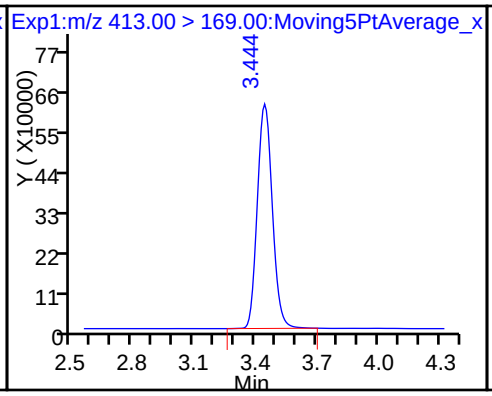
D 14 13C4 PFOA



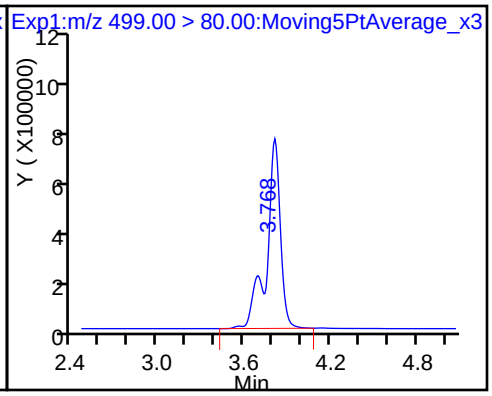
15 Perfluorooctanoic acid



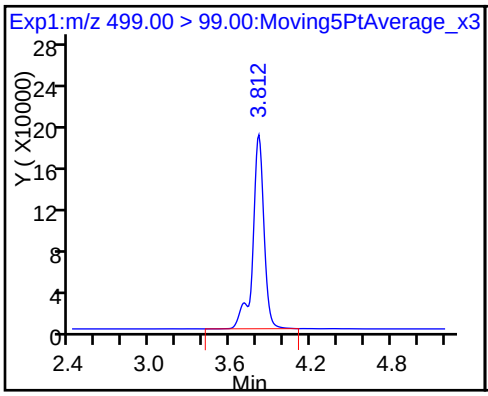
15 Perfluorooctanoic acid



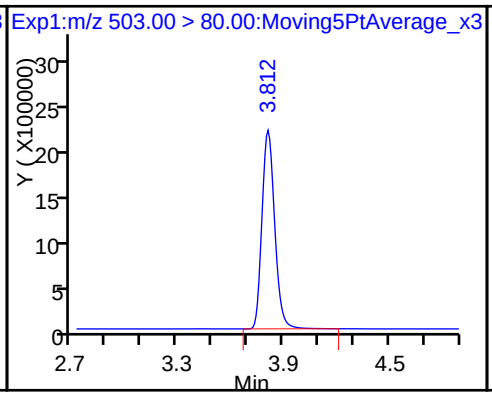
17 Perfluorooctane sulfonic acid



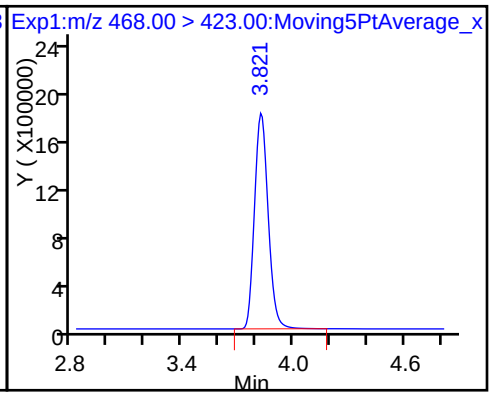
17 Perfluorooctane sulfonic acid



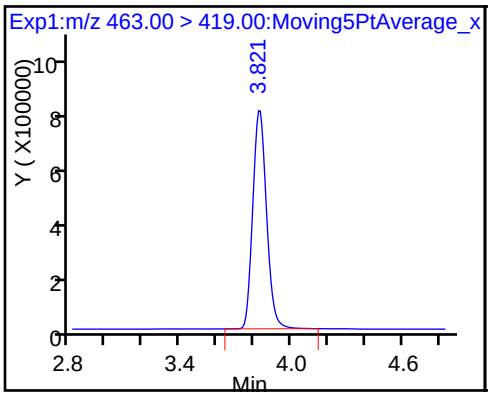
D 18 13C4 PFOS



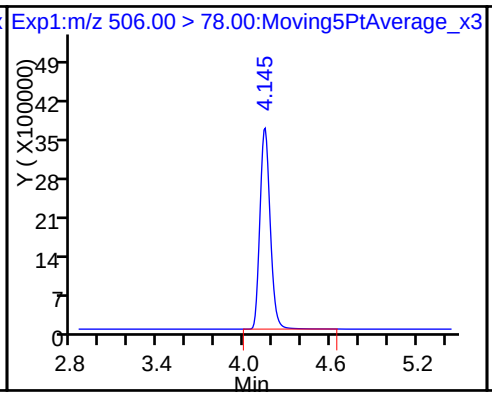
D 19 13C5 PFNA



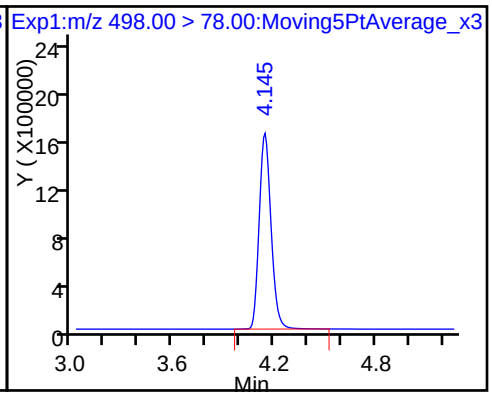
20 Perfluorononanoic acid



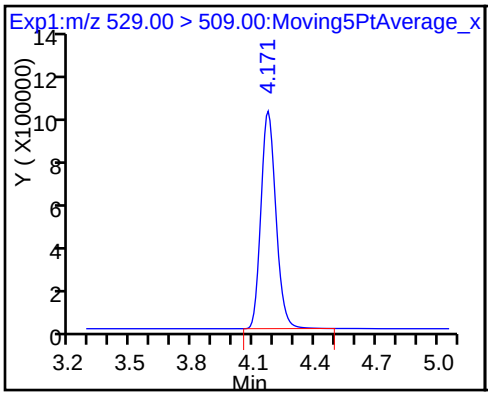
D 21 13C8 FOSA



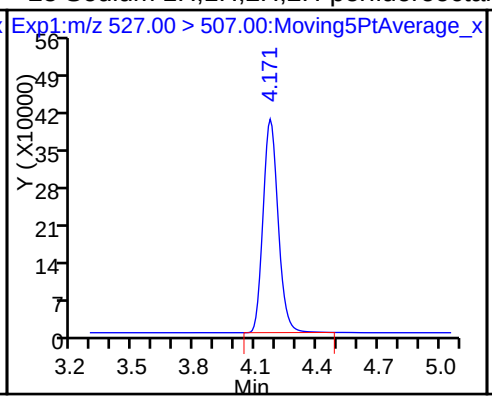
22 Perfluorooctane Sulfonamide



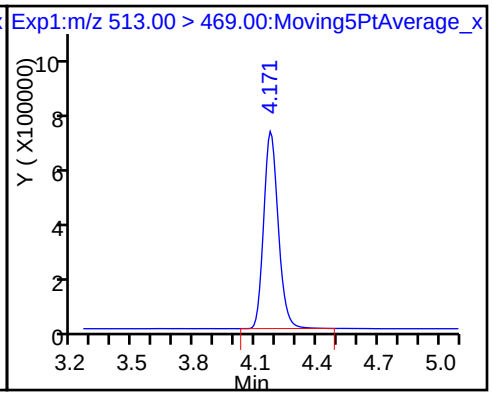
D 26 M2-8:2FTS



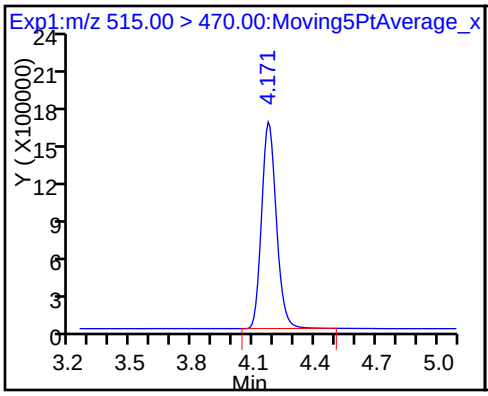
25 Sodium 1H,1H,2H,2H-perfluorooctane



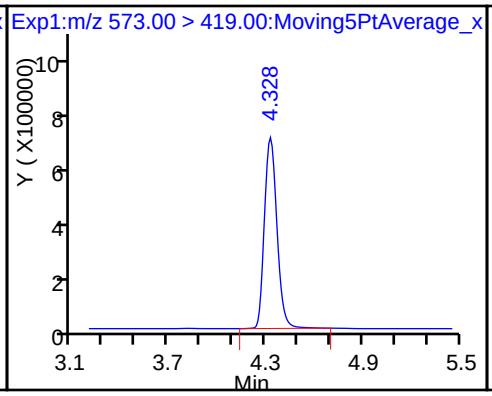
24 Perfluorodecanoic acid



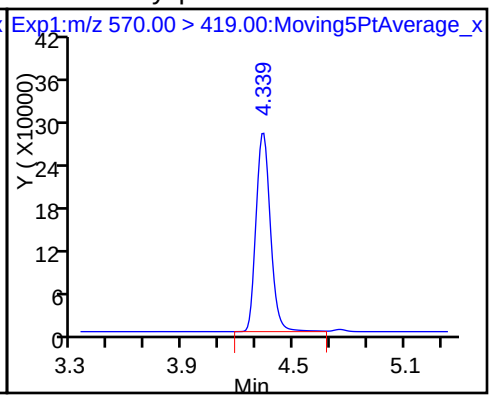
D 23 13C2 PFDA



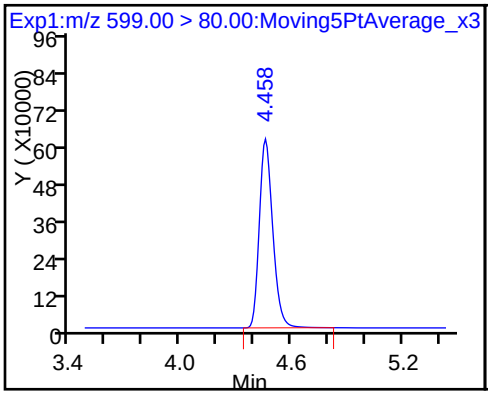
D 27 d3-NMeFOSAA



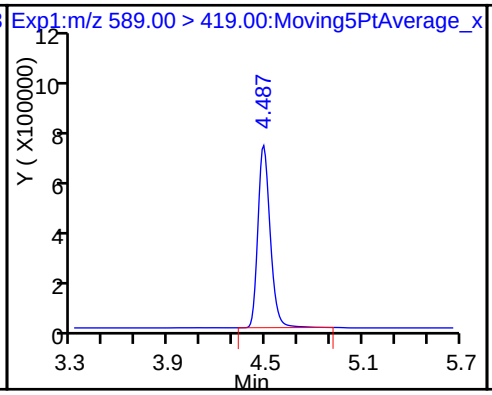
28 N-methyl perfluorooctane sulfonami



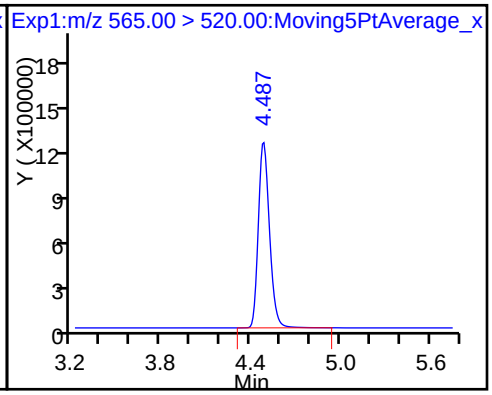
29 Perfluorodecane Sulfonic acid



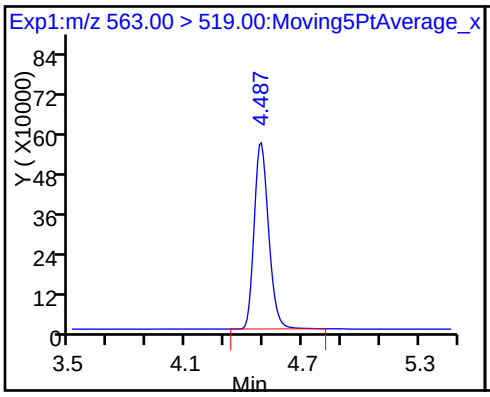
D 32 d5-NEtFOSAA



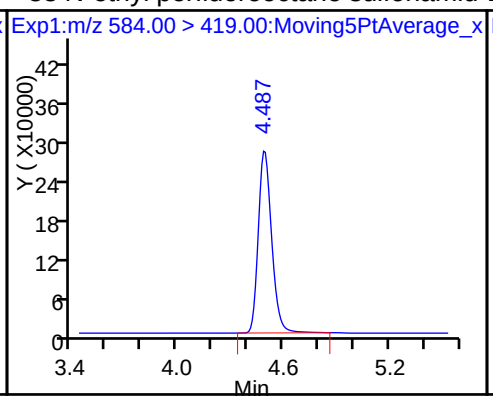
D 30 13C2 PFUnA



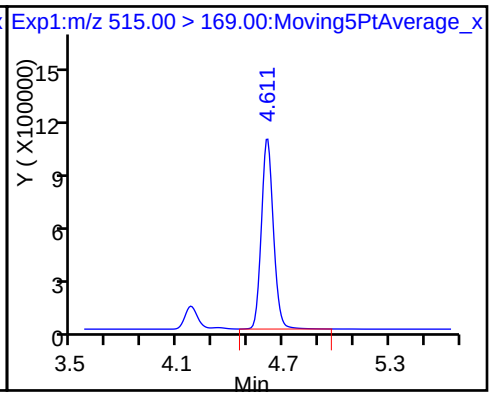
31 Perfluoroundecanoic acid



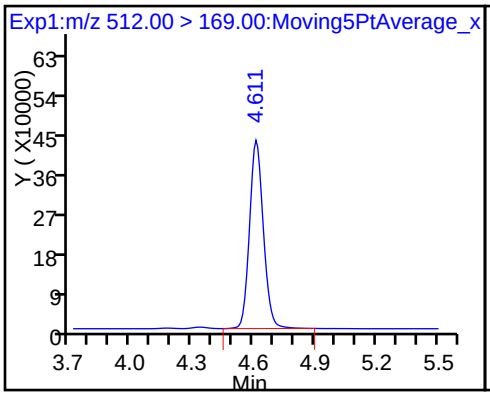
33 N-ethyl perfluorooctane sulfonamid



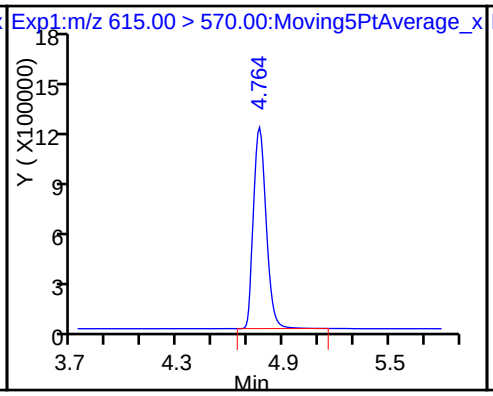
D 34 d-N-MeFOSA-M



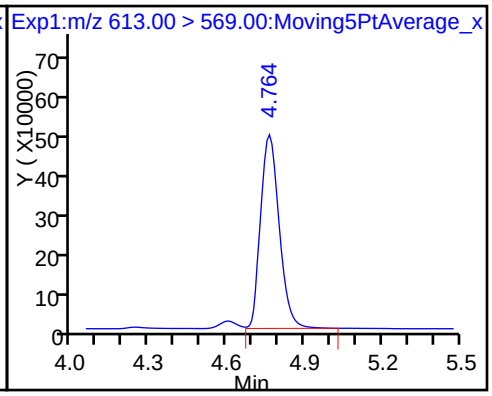
35 MeFOSA



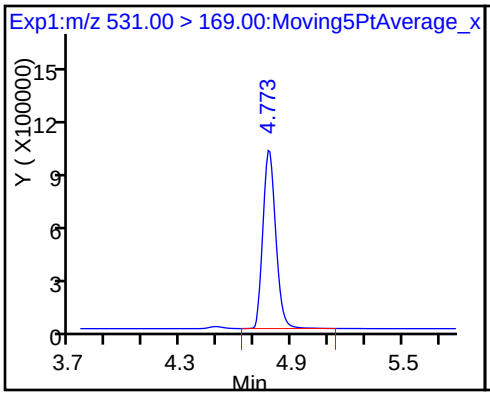
D 36 13C2 PFDoA



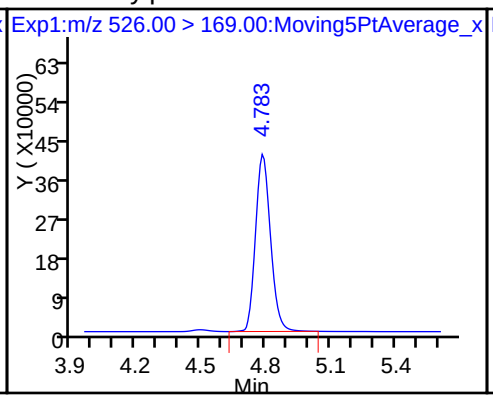
37 Perfluorododecanoic acid



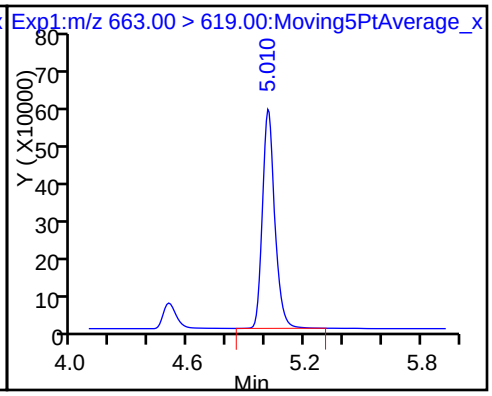
D 38 d-N-EtFOSA-M



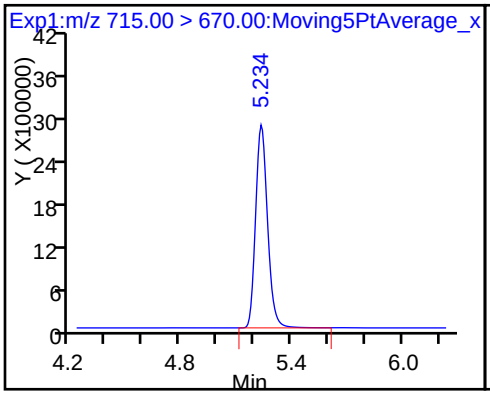
39 N-ethylperfluoro-1-octanesulfonami



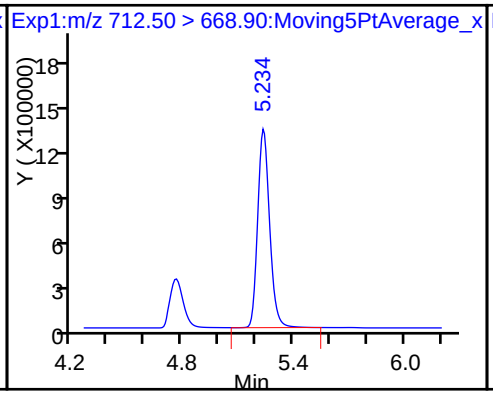
41 Perfluorotridecanoic acid



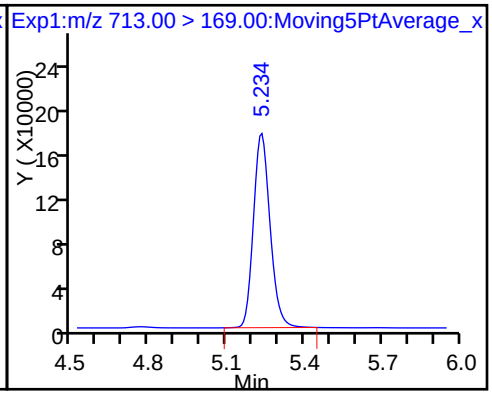
D 43 13C2-PFTeDA



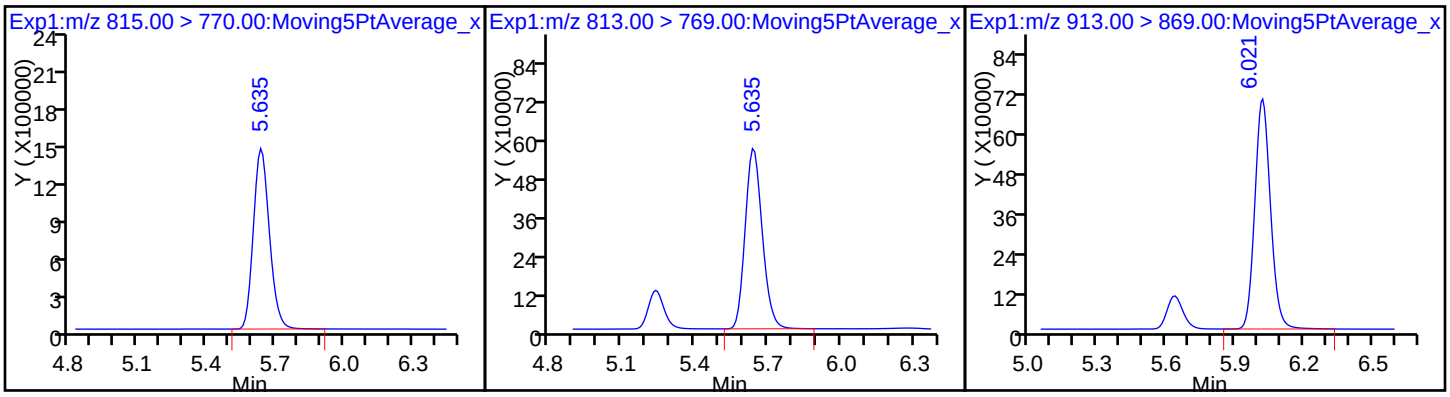
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: CCV 320-166365/12 Calibration Date: 05/25/2017 23:09

Instrument ID: A8_N Calib Start Date: 05/22/2017 18:42

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/22/2017 19:26

Lab File ID: 2017.05.25C_047.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	1.003	1.034		51.0	49.5	3.0	25.0
Perfluoropentanoic acid (PFPeA)	AveID	1.084	1.097		50.1	49.5	1.2	25.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.582	1.622		44.9	43.8	2.5	25.0
Perfluorohexanoic acid (PFHxA)	AveID	1.036	1.051		50.2	49.5	1.4	25.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.096	1.103		49.8	49.5	0.6	25.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.210	1.176		43.8	45.0	-2.8	25.0
6:2FTS	AveID	0.9629	0.9297		45.3	46.9	-3.4	25.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.365	1.279		44.2	47.1	-6.3	25.0
Perfluorooctanoic acid (PFOA)	AveID	1.123	1.103		48.6	49.5	-1.8	25.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.187	1.145		44.3	45.9	-3.5	25.0
Perfluorononanoic acid (PFNA)	AveID	1.087	1.074		48.9	49.5	-1.2	25.0
Perfluorooctane Sulfonamide (FOSA)	AveID	1.048	1.072		50.6	49.5	2.2	25.0
8:2FTS	AveID	0.9756	0.9601		46.7	47.4	-1.6	25.0
Perfluorodecanoic acid (PFDA)	AveID	1.018	1.045		50.8	49.5	2.7	25.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.007	1.066		52.4	49.5	5.9	25.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6945	0.7107		48.8	47.7	2.3	25.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.174	1.127		47.5	49.5	-4.0	25.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9551	0.9473		49.1	49.5	-0.8	25.0
MeFOSA	AveID	0.9631	0.9661		49.7	49.5	0.3	25.0
Perfluorododecanoic acid (PFDoA)	AveID	1.015	0.9708		47.4	49.5	-4.3	25.0
N-EtFOSA-M	AveID	1.019	1.029		50.0	49.5	1.0	25.0
Perfluorotridecanoic Acid (PFTriA)	AveID	1.004	1.031		50.8	49.5	2.7	25.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.141		51.8	49.5	4.6	25.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		0.9018		42.4	49.5	-14.4	25.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	1.260	1.077		42.3	49.5	-14.6	25.0
13C4 PFBA	Ave	372732	358156		47.6	49.5	-3.9	50.0
13C5-PFPeA	Ave	246497	252150		50.6	49.5	2.3	50.0
13C2 PFHxA	Ave	244489	231704		46.9	49.5	-5.2	50.0
13C4-PFHpA	Ave	223707	213447		47.2	49.5	-4.6	50.0
18O2 PFHxS	Ave	322150	300155		43.6	46.8	-6.8	50.0
M2-6:2FTS	Ave	131356	135467		48.5	47.0	3.1	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: CCV 320-166365/12 Calibration Date: 05/25/2017 23:09

Instrument ID: A8_N Calib Start Date: 05/22/2017 18:42

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/22/2017 19:26

Lab File ID: 2017.05.25C_047.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	226888	226297		49.4	49.5	-0.3	50.0
13C4 PFOS	Ave	234642	229034		46.2	47.3	-2.4	50.0
13C5 PFNA	Ave	174482	182251		51.7	49.5	4.5	50.0
13C8 FOSA	Ave	367735	354368		47.7	49.5	-3.6	50.0
M2-8:2FTS	Ave	99608	108156		51.5	47.4	8.6	50.0
13C2 PFDA	Ave	149557	160681		53.2	49.5	7.4	50.0
d3-NMeFOSAA	Ave	66001	73382		55.0	49.5	11.2	50.0
13C2 PFUnA	Ave	112228	119931		52.9	49.5	6.9	50.0
d5-NEtFOSAA	Ave	64270	73558		56.7	49.5	14.5	50.0
d-N-MeFOSA-M	Ave	98992	102895		51.5	49.5	3.9	50.0
13C2 PFDoA	Ave	108877	121998		55.5	49.5	12.1	50.0
d-N-EtFOSA-M	Ave	95914	94666		48.9	49.5	-1.3	50.0
13C2-PFTeDA	Ave	215350	246409		56.6	49.5	14.4	50.0
13C2-PFHxDA	Ave	120243	115729		47.6	49.5	-3.8	50.0

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_047.d
Lims ID: CCV L5
Client ID:
Sample Type: CCV
Inject. Date: 25-May-2017 23:09:08 ALS Bottle#: 32 Worklist Smp#: 12
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: CCV L5
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub20

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:41 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.935	1.935	0.0		17730485	47.6		96.1	284992	
2 Perfluorobutyric acid										
212.90 > 169.00	1.943	1.943	0.0	1.000	18328021	51.0		103	9097	
D 3 13C5-PFPeA										
267.90 > 223.00	2.289	2.289	0.0		12482675	50.6		102	452355	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.289	2.289	0.0	1.000	13689578	50.1		101	5602	
D 47 13C3-PFBS										
301.90 > 83.00	2.328	2.328	0.0		280191	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.328	2.328	0.0	1.000	21303075	44.9		103		
298.90 > 99.00	2.328	2.328	0.0	1.000	9066648		2.35(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.613	2.613	0.0	1.000	3896441	39.3		84.9		
D 7 13C2 PFHxA										
315.00 > 270.00	2.661	2.661	0.0		11470489	46.9		94.8	62808	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.661	2.661	0.0	1.000	12051813	50.2		101	28691	
D 9 13C4-PFHpA										
367.00 > 322.00	3.048	3.048	0.0		10566706	47.2		95.4	49879	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.048	3.048	0.0	1.000	11655911	49.8		101	4901	
D 11 18O2 PFHxS										
403.00 > 84.00	3.056	3.056	0.0		14056780	43.6		93.2	35959	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.056	3.056	0.0	1.000	15896519	43.8		97.2		
D 12 M2-6:2FTS										
429.00 > 409.00	3.428	3.428	0.0		6370970	48.5		103		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.428	3.428	0.0	1.000	5910798	45.3		96.6		
* 62 13C2-PFOA										
415.00 > 370.00	3.445	3.445	0.0		10844295	49.5		100		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.445	3.445	0.0	1.000	13801951	44.2		93.7		
D 14 13C4 PFOA										
417.00 > 372.00	3.445	3.445	0.0		11202811	49.4		99.7	44488	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.453	3.453	0.0	1.000	12356755	48.6		98.2	1372	
413.00 > 169.00	3.445	3.453	-0.008	0.998	7008933		1.76(0.90-1.10)		11445	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.773	3.773	0.0	1.000	12051163	44.3		96.5	2214	
499.00 > 99.00	3.818	3.773	0.045	1.012	2579508		4.67(0.90-1.10)		9086	
D 18 13C4 PFOS										
503.00 > 80.00	3.818	3.818	0.0		10839424	46.2		97.6	12836	
D 19 13C5 PFNA										
468.00 > 423.00	3.827	3.827	0.0		9022309	51.7		104	31626	
20 Perfluorononanoic acid										
463.00 > 419.00	3.827	3.827	0.0	1.000	9690673	48.9		98.8	8820	
D 21 13C8 FOSA										
506.00 > 78.00	4.145	4.145	0.0		17542980	47.7		96.4	20537	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.145	4.145	0.0	1.000	18801907	50.6		102	21535	
D 26 M2-8:2FTS										
529.00 > 509.00	4.172	4.172	0.0		5129399	51.5		109		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.172	4.172	0.0	1.000	4924551	46.7		98.4		
24 Perfluorodecanoic acid										
513.00 > 469.00	4.181	4.181	0.0	1.000	8309491	50.8		103	12846	
D 23 13C2 PFDA										
515.00 > 470.00	4.181	4.181	0.0		7954516	53.2		107	12622	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.335	4.335	0.0		3632763	55.0		111		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.335	4.335	0.0	1.000	3873819	52.4		106		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.466	4.466	0.0	1.000	7768043	48.8		102		
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.485	4.485	0.0		3641473	56.7		114		
D 30 13C2 PFUnA										
565.00 > 520.00	4.485	4.485	0.0		5937183	52.9		107	29649	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.485	4.485	0.0	1.000	6690117	47.5		96.0	7828	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.494	4.494	0.0	1.002	3449708	49.1		99.2		
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.611	4.611	0.0		5093814	51.5		104		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
35 MeFOSA										
512.00 > 169.00	4.620	4.620	0.0	1.000	4921237	49.7		100		
D 36 13C2 PFDoA										
615.00 > 570.00	4.763	4.763	0.0		6039496	55.5		112	10604	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.763	4.763	0.0	1.000	5863263	47.4		95.7	1183	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.782	4.782	0.0		4686457	48.9		98.7		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.792	4.792	0.0	1.000	4823073	50.0		101		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.019	5.019	0.0	1.000	6228430	50.8		103	541	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.238	5.238	0.0		12198479	56.6		114	12812	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.238	5.238	0.0	1.000	12929374	51.8		105	232	
713.00 > 169.00	5.231	5.238	-0.007	0.998	1818574		7.11(0.00-0.00)		6056	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.635	5.635	0.0		5729182	47.6		96.2	3457	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.635	5.635	0.0	1.000	5446176	42.4		85.6	167	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.015	6.015	0.0	1.000	6504395	42.3		85.4	288	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L5_00003 Amount Added: 1.00 Units: mL

Report Date: 26-May-2017 14:32:42 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_047.d

Injection Date: 25-May-2017 23:09:08 Instrument ID: A8_N

Lims ID: CCV L5

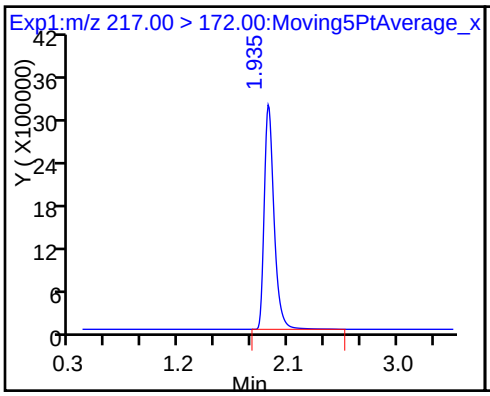
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 32 Worklist Smp#: 12

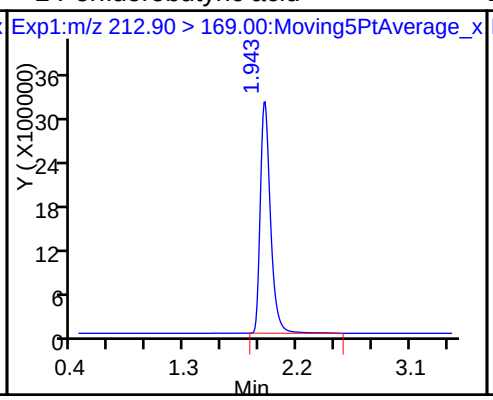
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

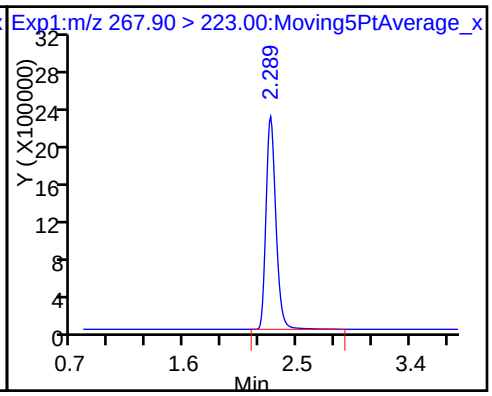
D 1 13C4 PFBA



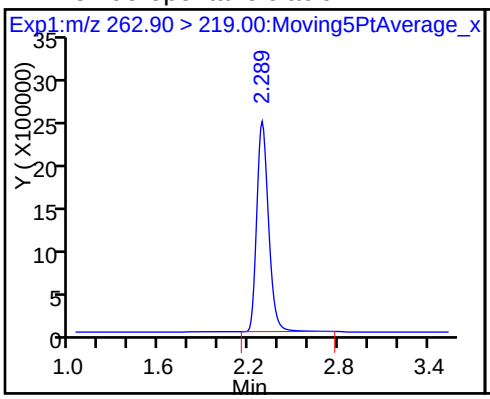
2 Perfluorobutyric acid



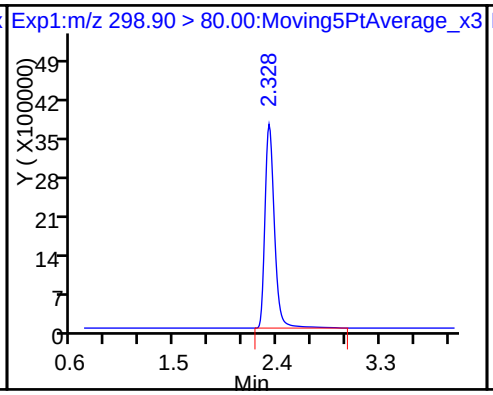
D 3 13C5-PFPeA



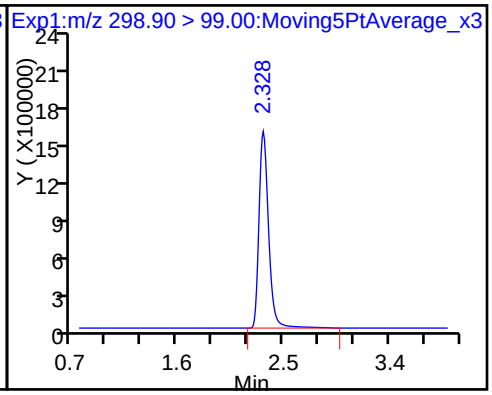
4 Perfluoropentanoic acid



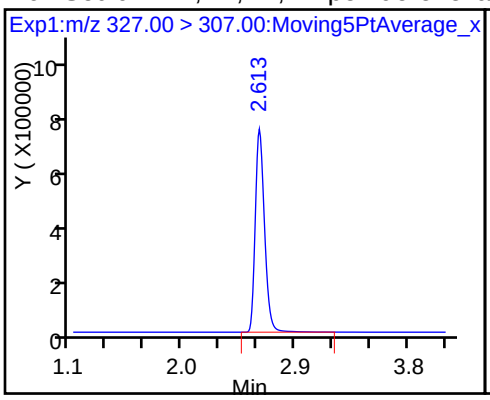
5 Perfluorobutanesulfonic acid



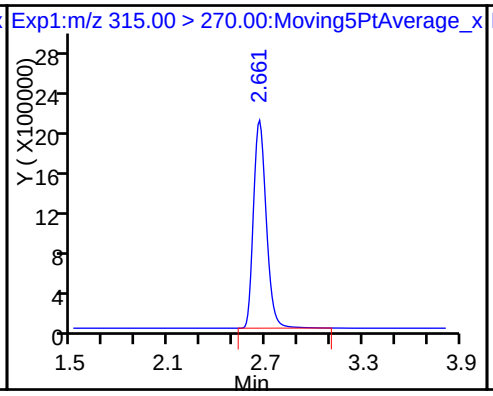
5 Perfluorobutanesulfonic acid



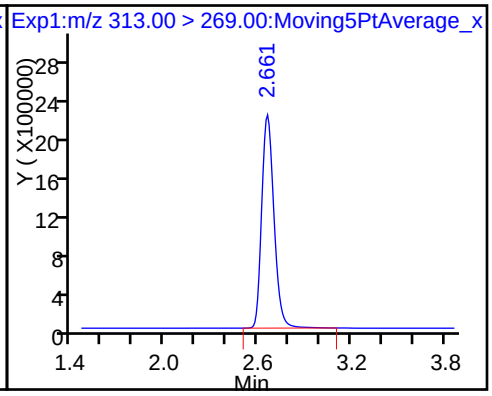
61 Sodium 1H,1H,2H,2H-perfluorohexane



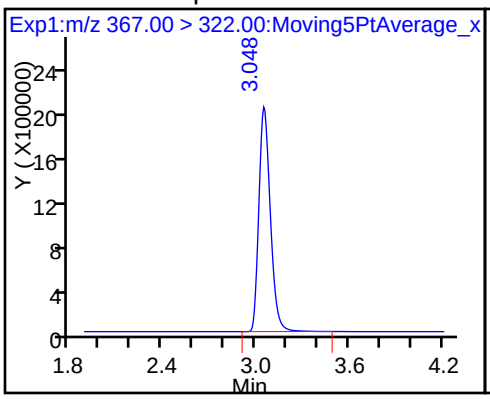
D 7 13C2 PFHxA



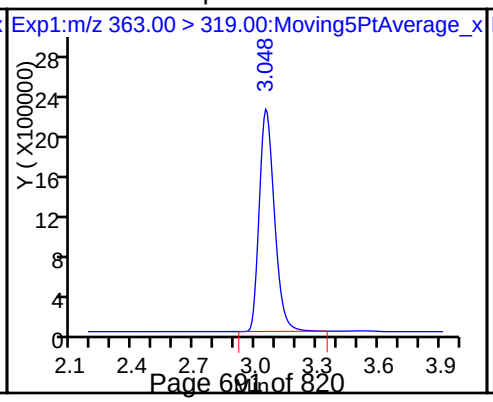
6 Perfluorohexanoic acid



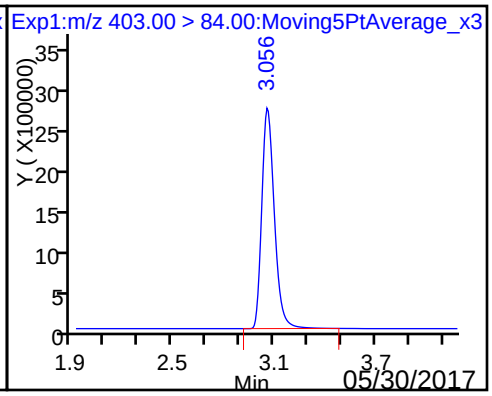
D 9 13C4-PFHpA



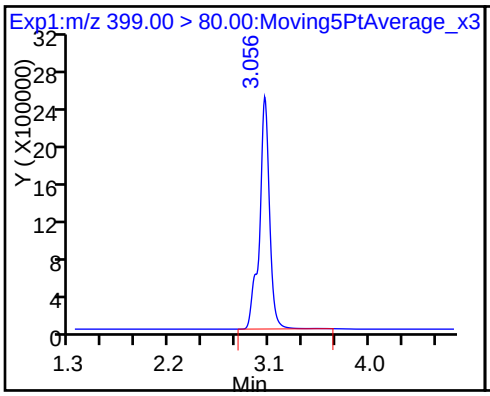
10 Perfluoroheptanoic acid



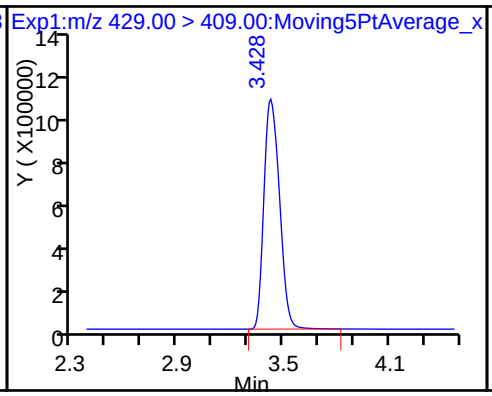
D 11 18O2 PFHxS



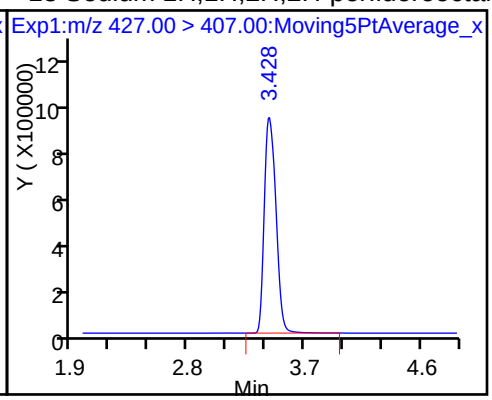
8 Perfluorohexanesulfonic acid



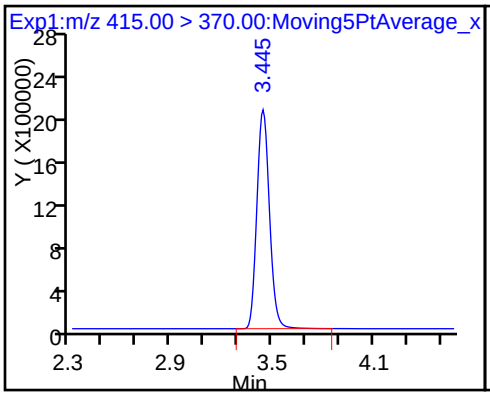
D 12 M2-6:2FTS



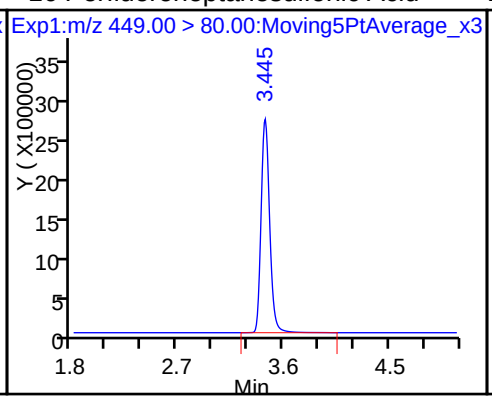
13 Sodium 1H,1H,2H,2H-perfluorooctane



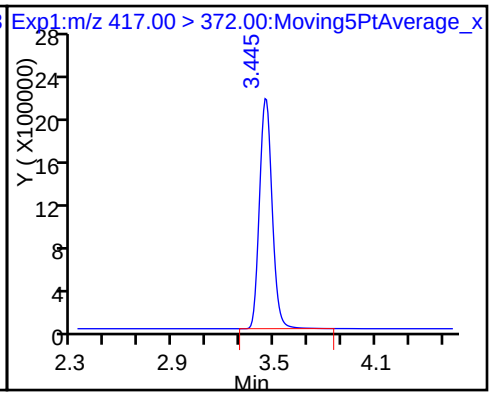
* 62 13C2-PFOA



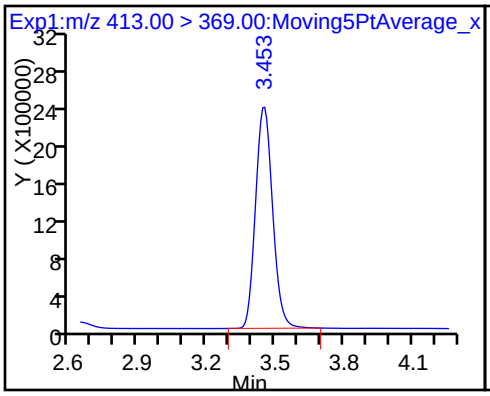
16 Perfluoroheptanesulfonic Acid



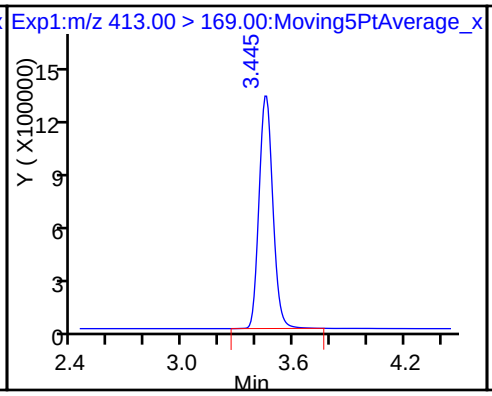
D 14 13C4 PFOA



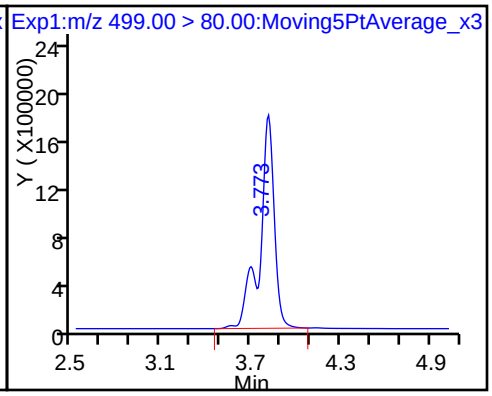
15 Perfluorooctanoic acid



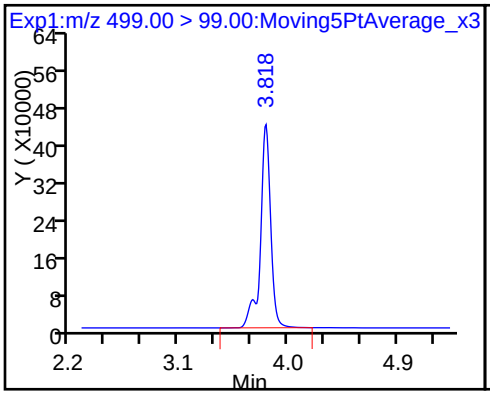
15 Perfluorooctanoic acid



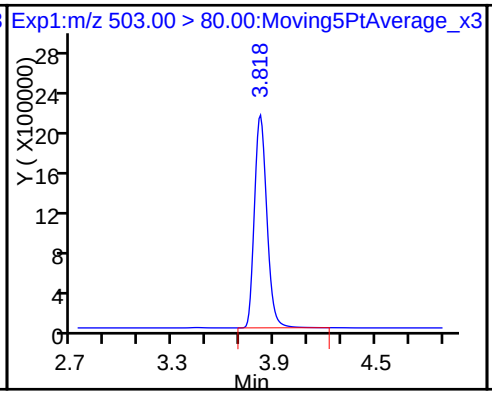
17 Perfluorooctane sulfonic acid



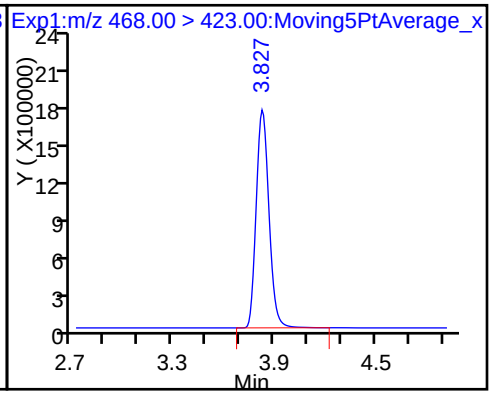
17 Perfluorooctane sulfonic acid



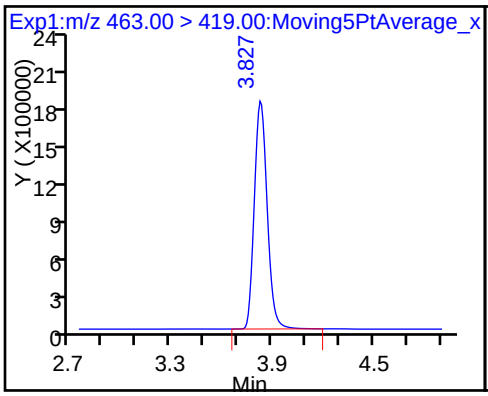
D 18 13C4 PFOS



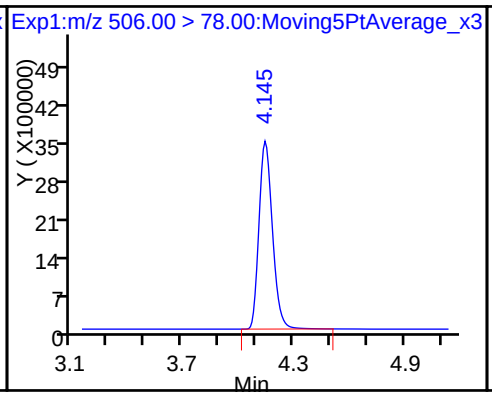
D 19 13C5 PFNA



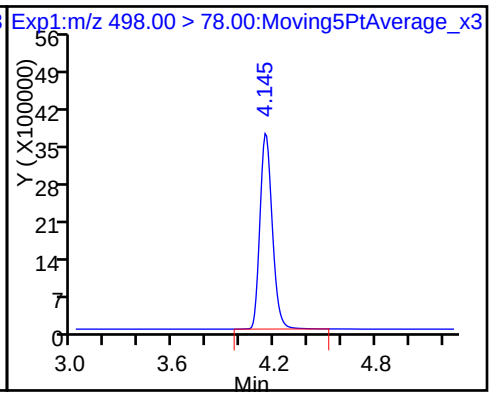
20 Perfluorononanoic acid



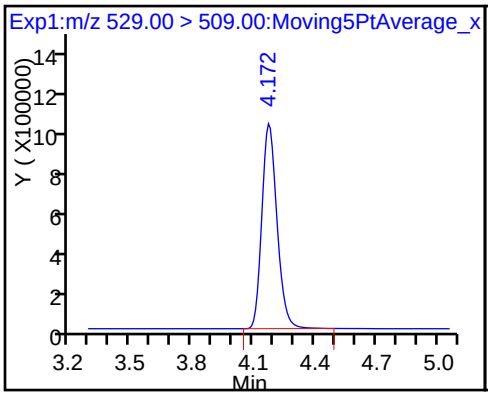
D 21 13C8 FOSA



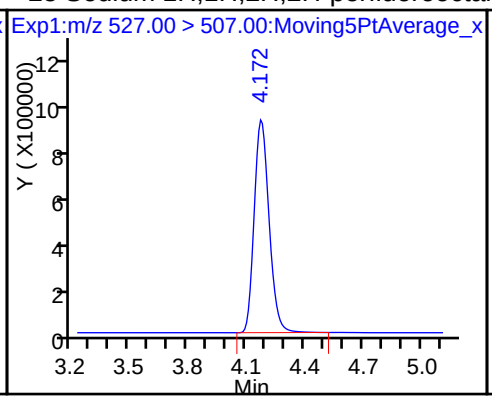
22 Perfluorooctane Sulfonamide



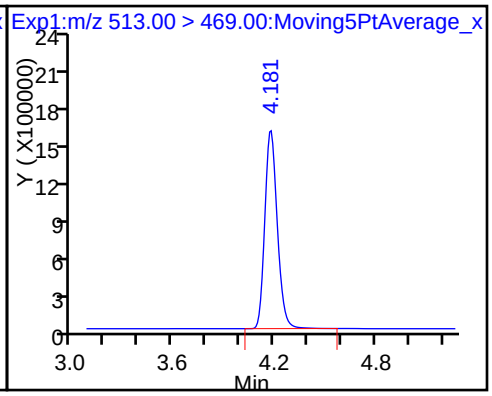
D 26 M2-8:2FTS



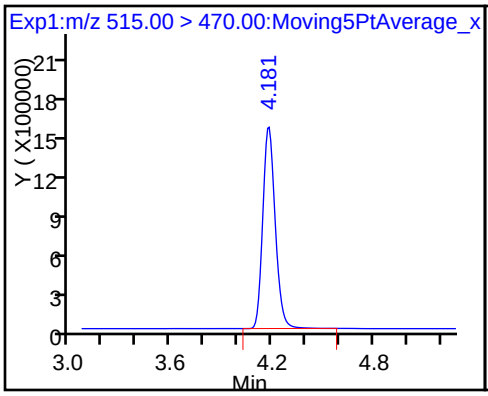
25 Sodium 1H,1H,2H,2H-perfluorooctane



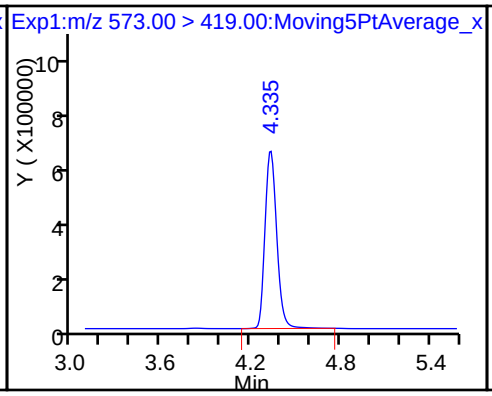
24 Perfluorodecanoic acid



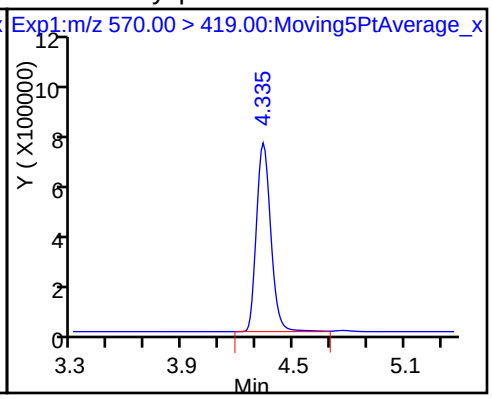
D 23 13C2 PFDA



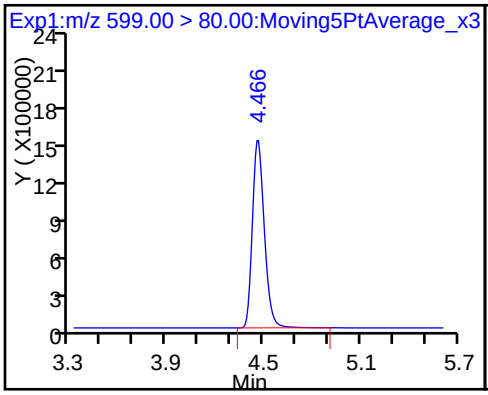
D 27 d3-NMeFOSAA



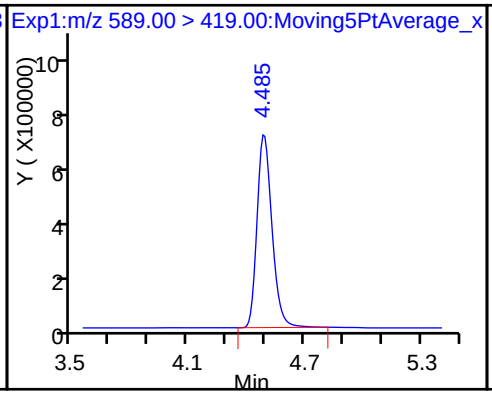
28 N-methyl perfluorooctane sulfonami



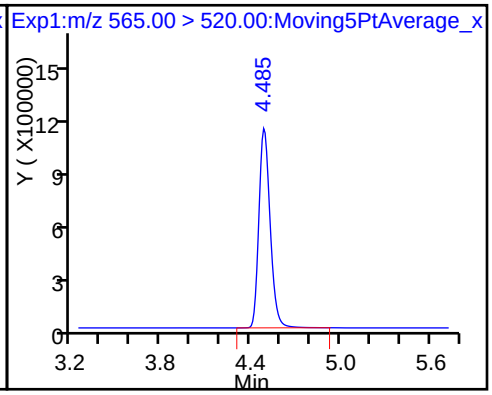
29 Perfluorodecane Sulfonic acid



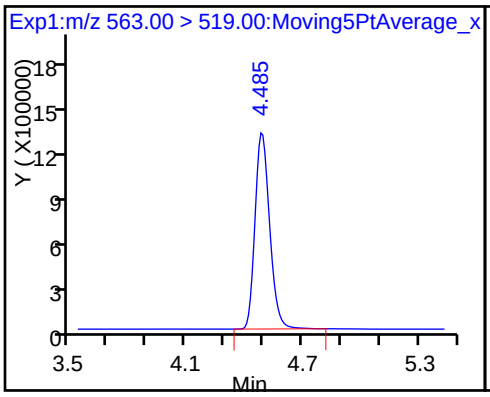
D 32 d5-NEtFOSAA



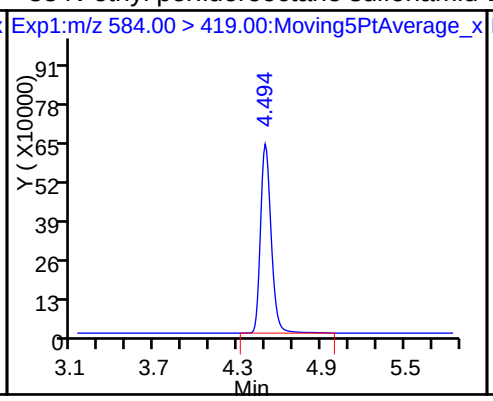
D 30 13C2 PFUnA



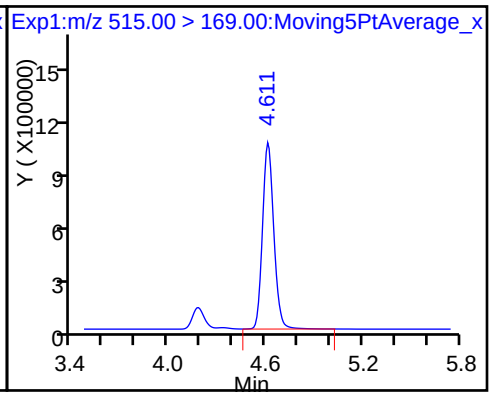
31 Perfluoroundecanoic acid



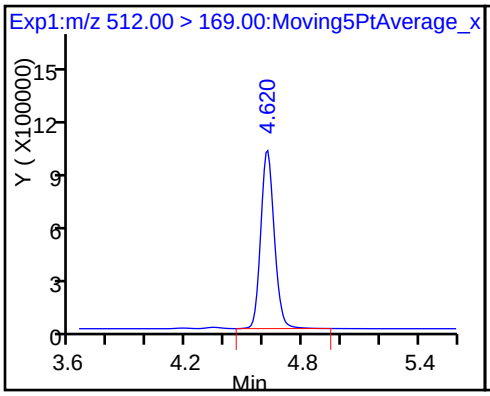
33 N-ethyl perfluorooctane sulfonamid



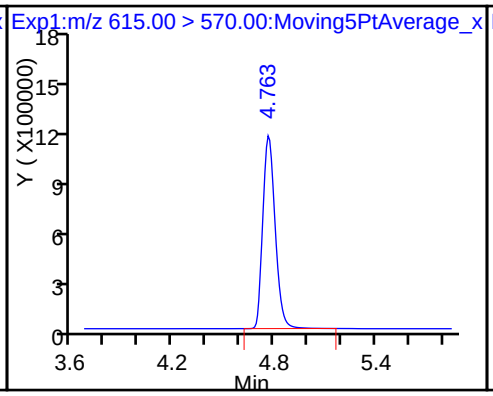
D 34 d-N-MeFOSA-M



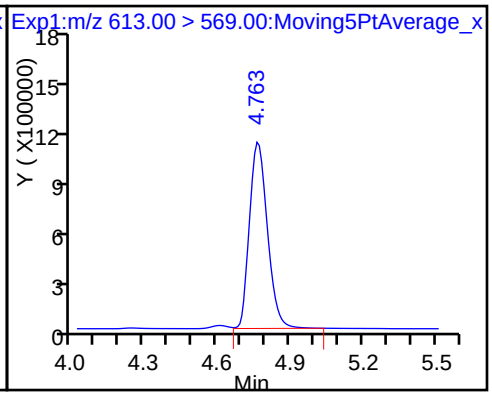
35 MeFOSA



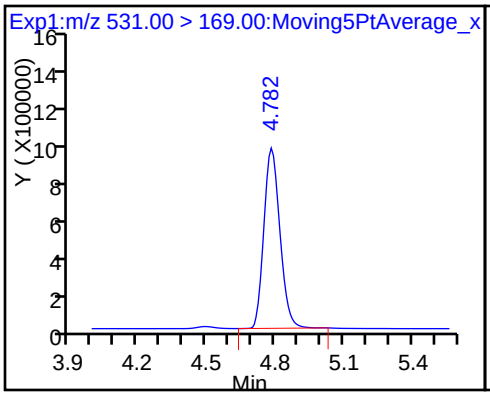
D 36 13C2 PFDoA



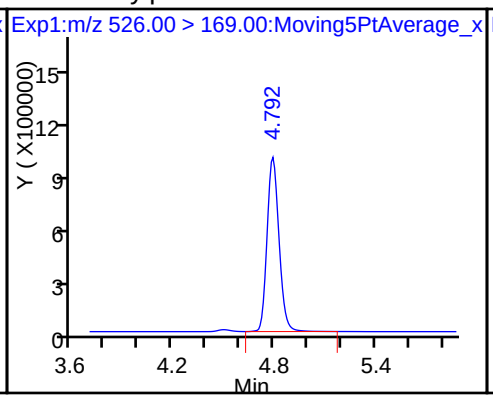
37 Perfluorododecanoic acid



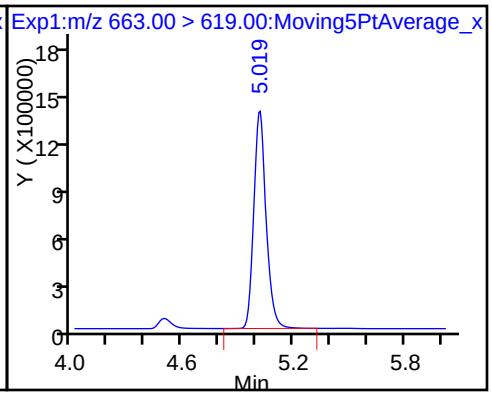
D 38 d-N-EtFOSA-M



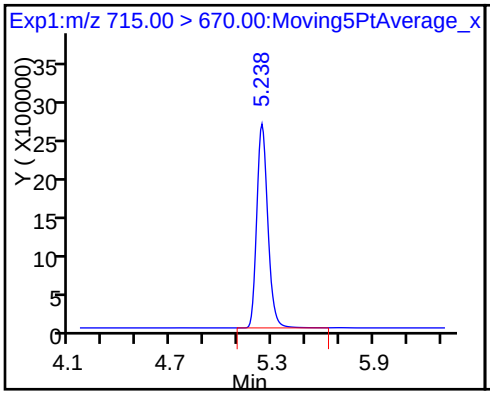
39 N-ethylperfluoro-1-octanesulfonami



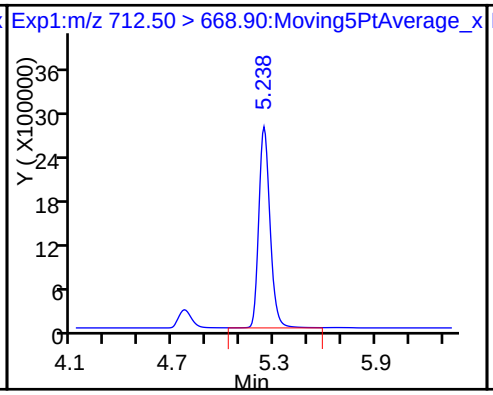
41 Perfluorotridecanoic acid



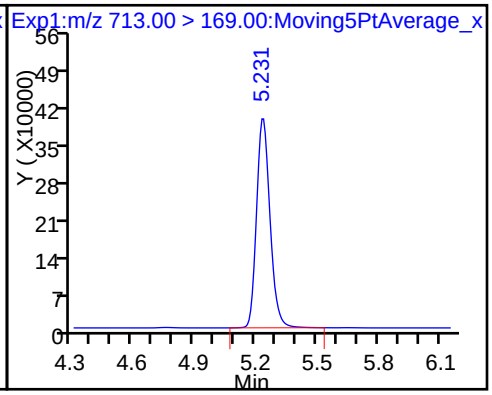
D 43 13C2-PFTeDA



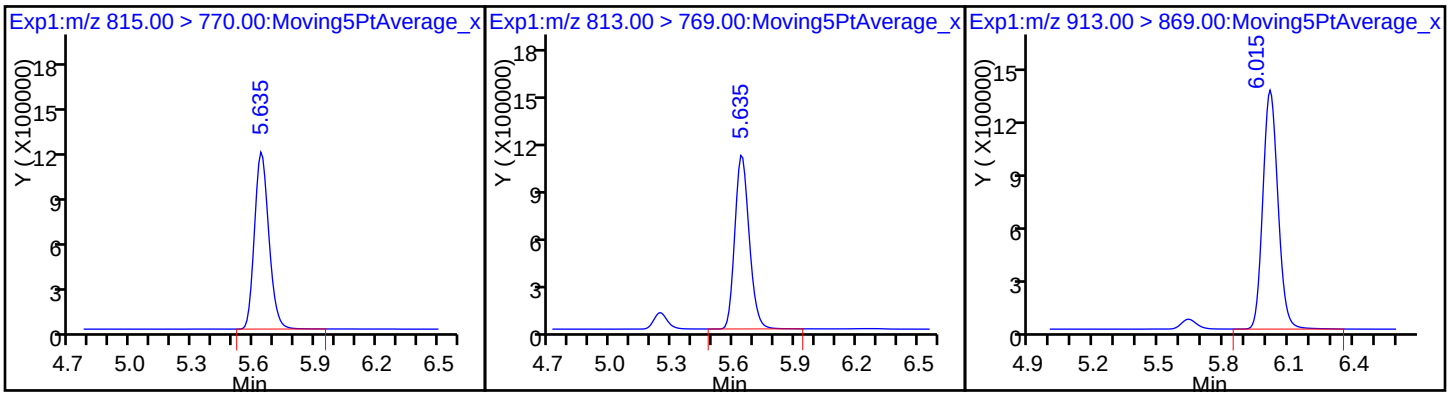
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: CCV 320-166365/23 Calibration Date: 05/26/2017 00:31

Instrument ID: A8_N Calib Start Date: 05/22/2017 18:42

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/22/2017 19:26

Lab File ID: 2017.05.25C_058.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	1.003	1.078		21.3	19.8	7.5	25.0
Perfluoropentanoic acid (PFPeA)	AveID	1.084	1.118		20.4	19.8	3.2	25.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.582	1.693		18.7	17.5	7.0	25.0
Perfluorohexanoic acid (PFHxA)	AveID	1.036	1.056		20.2	19.8	2.0	25.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.096	1.138		20.5	19.8	3.8	25.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.210	1.208		18.0	18.0	-0.1	25.0
6:2FTS	AveID	0.9629	1.020		19.9	18.8	5.9	25.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.365	1.332		18.4	18.9	-2.4	25.0
Perfluorooctanoic acid (PFOA)	AveID	1.123	1.143		20.2	19.8	1.8	25.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.187	1.166		18.1	18.4	-1.7	25.0
Perfluorononanoic acid (PFNA)	AveID	1.087	1.115		20.3	19.8	2.5	25.0
Perfluorooctane Sulfonamide (FOSA)	AveID	1.048	1.124		21.2	19.8	7.2	25.0
8:2FTS	AveID	0.9756	1.048		20.4	19.0	7.4	25.0
Perfluorodecanoic acid (PFDA)	AveID	1.018	1.078		21.0	19.8	6.0	25.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.007	1.048		20.6	19.8	4.1	25.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6945	0.7522		20.7	19.1	8.3	25.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.174	1.110		18.7	19.8	-5.5	25.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9551	0.9795		20.3	19.8	2.6	25.0
MeFOSA	AveID	0.9631	1.001		20.6	19.8	3.9	25.0
Perfluorododecanoic acid (PFDoA)	AveID	1.015	1.036		20.2	19.8	2.1	25.0
N-EtFOSA-M	AveID	1.019	1.039		20.2	19.8	1.9	25.0
Perfluorotridecanoic Acid (PFTriA)	AveID	1.004	1.096		21.6	19.8	9.1	25.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.261		21.8	19.8	10.3	25.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		1.084		20.0	19.8	1.1	25.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	1.260	0.5825		9.15	19.8	-53.8*	25.0
13C4 PFBA	Ave	372732	348498		46.3	49.5	-6.5	50.0
13C5-PFPeA	Ave	246497	251344		50.5	49.5	2.0	50.0
13C2 PFHxA	Ave	244489	236617		47.9	49.5	-3.2	50.0
13C4-PFHpA	Ave	223707	218313		48.3	49.5	-2.4	50.0
18O2 PFHxS	Ave	322150	308351		44.8	46.8	-4.3	50.0
M2-6:2FTS	Ave	131356	138582		49.6	47.0	5.5	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: CCV 320-166365/23 Calibration Date: 05/26/2017 00:31

Instrument ID: A8_N Calib Start Date: 05/22/2017 18:42

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/22/2017 19:26

Lab File ID: 2017.05.25C_058.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	226888	238497		52.0	49.5	5.1	50.0
13C4 PFOS	Ave	234642	227370		45.9	47.3	-3.1	50.0
13C5 PFNA	Ave	174482	189307		53.7	49.5	8.5	50.0
13C8 FOSA	Ave	367735	368038		49.5	49.5	0.0	50.0
13C2 PFDA	Ave	149557	165048		54.6	49.5	10.4	50.0
M2-8:2FTS	Ave	99608	111756		53.2	47.4	12.2	50.0
d3-NMeFOSAA	Ave	66001	77662		58.3	49.5	17.7	50.0
13C2 PFUnA	Ave	112228	129045		56.9	49.5	15.0	50.0
d5-NEtFOSAA	Ave	64270	82042		63.2	49.5	27.7	50.0
d-N-MeFOSA-M	Ave	98992	101173		50.6	49.5	2.2	50.0
13C2 PFDoA	Ave	108877	121657		55.3	49.5	11.7	50.0
d-N-EtFOSA-M	Ave	95914	95252		49.2	49.5	-0.7	50.0
13C2-PFTeDA	Ave	215350	241347		55.5	49.5	12.1	50.0
13C2-PFHxDA	Ave	120243	133739		55.1	49.5	11.2	50.0

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_058.d
Lims ID: CCV L4
Client ID:
Sample Type: CCV
Inject. Date: 26-May-2017 00:31:45 ALS Bottle#: 31 Worklist Smp#: 23
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: CCV L4
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub20

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:33:10 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.937	1.937	0.0		17252381	46.3		93.5	118703	
2 Perfluorobutyric acid										
212.90 > 169.00	1.937	1.937	0.0	1.000	7440477	21.3		107	5202	
D 3 13C5-PFPeA										
267.90 > 223.00	2.281	2.281	0.0		12442787	50.5		102	249084	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.281	2.281	0.0	1.000	5563413	20.4		103	1983	
D 47 13C3-PFBS										
301.90 > 83.00	2.319	2.319	0.0		292402	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.319	2.319	0.0	1.000	9136333	18.7		107		
298.90 > 99.00	2.319	2.319	0.0	1.000	3724008		2.45(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.607	2.607	0.0	1.000	1644412	16.2		87.6		
D 7 13C2 PFHxA										
315.00 > 270.00	2.653	2.653	0.0		11713711	47.9		96.8	81498	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.653	2.653	0.0	1.000	4949750	20.2		102	15759	
D 9 13C4-PFHpA										
367.00 > 322.00	3.042	3.042	0.0		10807561	48.3		97.6	39443	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.042	3.042	0.0	1.000	4918362	20.5		104	2583	
D 11 18O2 PFHxS										
403.00 > 84.00	3.049	3.049	0.0		14440588	44.8		95.7	60650	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.049	3.049	0.0	1.000	6712822	18.0		99.9		
D 12 M2-6:2FTS										
429.00 > 409.00	3.418	3.418	0.0		6517447	49.6		106		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.418	3.418	0.0	1.000	2653398	19.9		106		
* 62 13C2-PFOA										
415.00 > 370.00	3.435	3.435	0.0		11583939	49.5		100		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.435	3.435	0.0	1.000	5708235	18.4		97.6		
D 14 13C4 PFOA										
417.00 > 372.00	3.444	3.444	0.0		11806764	52.0		105	34373	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.444	3.444	0.0	1.000	5396798	20.2		102	703	
413.00 > 169.00	3.444	3.444	0.0	1.000	3020873		1.79(0.90-1.10)		6579	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.766	3.766	0.0	1.000	4873393	18.1		98.3	1839	
499.00 > 99.00	3.811	3.766	0.045	1.012	1059934		4.60(0.90-1.10)		4851	
D 18 13C4 PFOS										
503.00 > 80.00	3.811	3.811	0.0		10760666	45.9		96.9	29004	
D 19 13C5 PFNA										
468.00 > 423.00	3.820	3.820	0.0		9371653	53.7		108	26454	
20 Perfluorononanoic acid										
463.00 > 419.00	3.820	3.820	0.0	1.000	4179118	20.3		103	6364	
D 21 13C8 FOSA										
506.00 > 78.00	4.143	4.143	0.0		18219679	49.5		100	259435	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.143	4.143	0.0	1.000	8190086	21.2		107	23556	
D 26 M2-8:2FTS										
529.00 > 509.00	4.169	4.169	0.0		5300109	53.2		112		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.169	4.169	0.0	1.000	2221163	20.4		107		
24 Perfluorodecanoic acid										
513.00 > 469.00	4.169	4.169	0.0	1.000	3524609	21.0		106	8677	
D 23 13C2 PFDA										
515.00 > 470.00	4.169	4.169	0.0		8170716	54.6		110	13591	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.325	4.325	0.0		3844660	58.3		118		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.325	4.325	0.0	1.000	1611578	20.6		104		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.455	4.455	0.0	1.000	3264790	20.7		108		
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.474	4.474	0.0		4061472	63.2		128		
D 30 13C2 PFUnA										
565.00 > 520.00	4.474	4.474	0.0		6388384	56.9		115	11100	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.474	4.474	0.0	1.000	2835470	18.7		94.5	6116	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.484	4.484	0.0	1.002	1591199	20.3		103		
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.599	4.599	0.0		5008545	50.6		102		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
35 MeFOSA										
512.00 > 169.00	4.608	4.608	0.0	1.000	2004721	20.6		104		
D 36 13C2 PFDoA										
615.00 > 570.00	4.752	4.752	0.0		6022606	55.3		112	7502	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.752	4.752	0.0	1.000	2496050	20.2		102	613	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.771	4.771	0.0		4715424	49.2		99.3		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.780	4.780	0.0	1.000	1960032	20.2		102		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.001	5.001	0.0	1.000	2640382	21.6		109	311	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.225	5.225	0.0		11947892	55.5		112	9475	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.225	5.225	0.0	1.000	5447514	21.8		110	95.4	
713.00 > 169.00	5.217	5.225	-0.008	0.998	726991		7.49(0.00-0.00)		2600	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.624	5.624	0.0		6620757	55.1		111	3353	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.624	5.624	0.0	1.000	2611223	20.0		101	73.8	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.997	5.997	0.0	1.000	1403341	9.15		46.2	23.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L4_00003 Amount Added: 1.00 Units: mL

Report Date: 26-May-2017 14:33:10 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_058.d

Injection Date: 26-May-2017 00:31:45 Instrument ID: A8_N

Lims ID: CCV L4

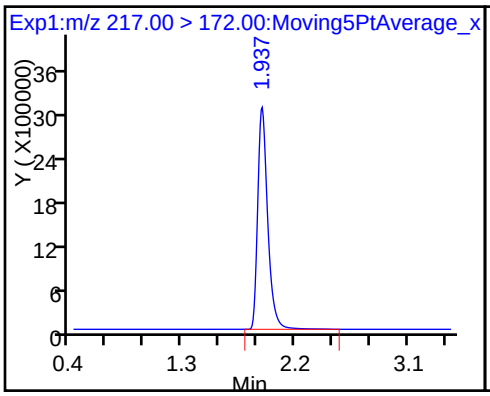
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 31 Worklist Smp#: 23

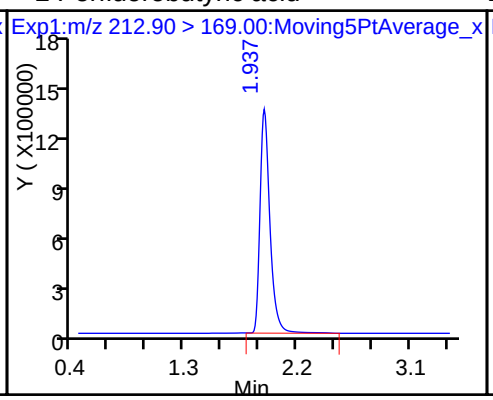
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

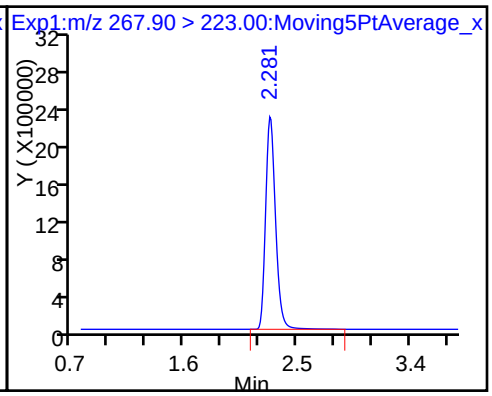
D 1 13C4 PFBA



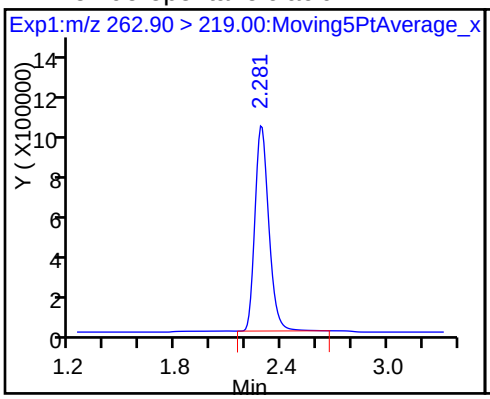
2 Perfluorobutyric acid



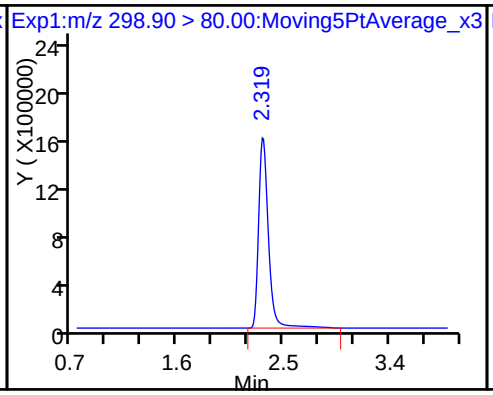
D 3 13C5-PFPeA



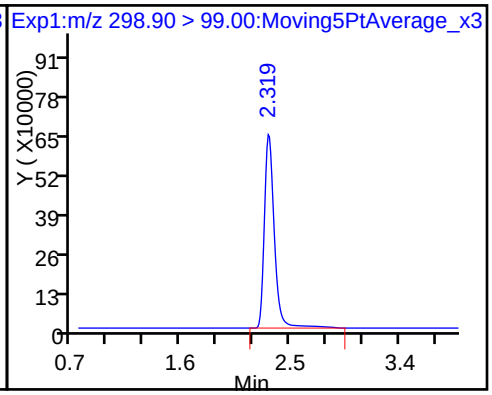
4 Perfluoropentanoic acid



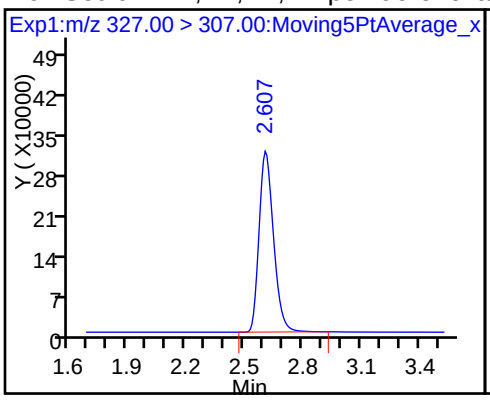
5 Perfluorobutanesulfonic acid



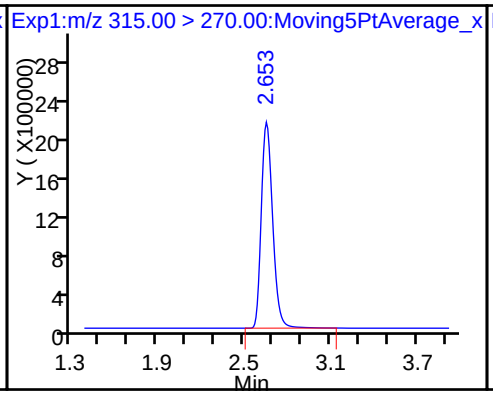
5 Perfluorobutanesulfonic acid



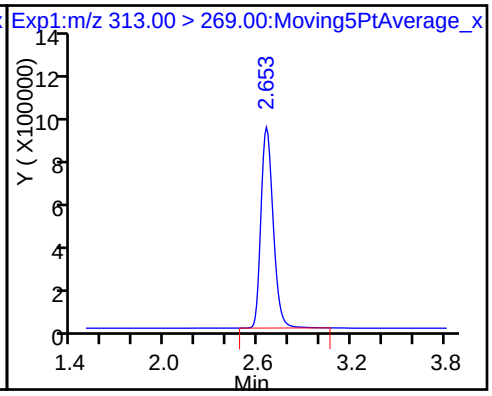
61 Sodium 1H,1H,2H,2H-perfluorohexane



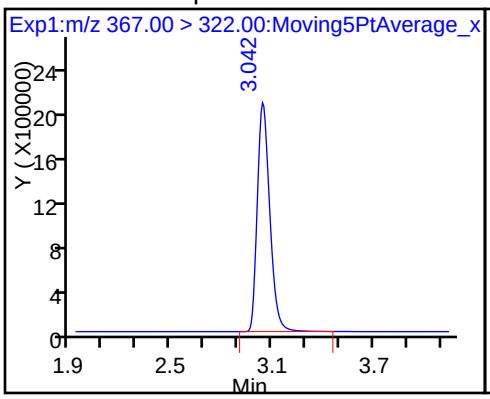
D 7 13C2 PFHxA



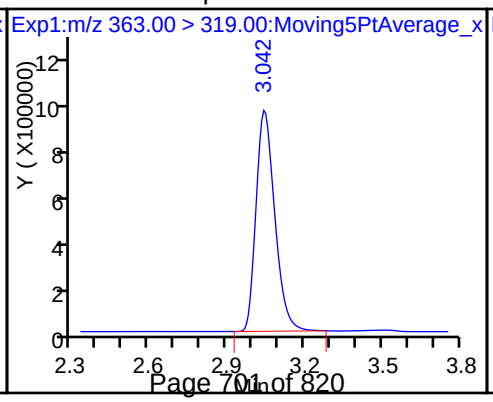
6 Perfluorohexanoic acid



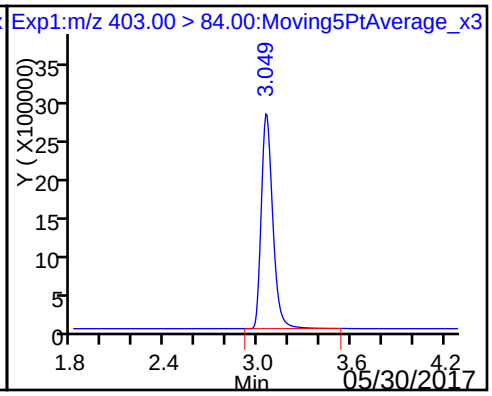
D 9 13C4-PFHpA



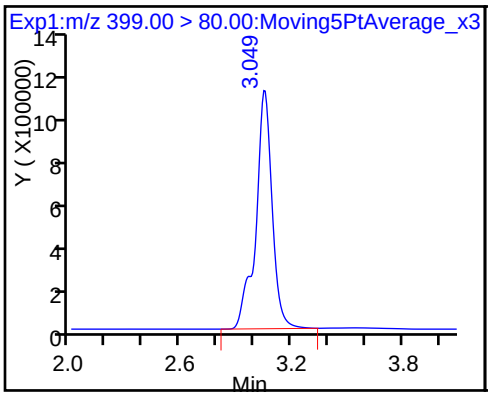
10 Perfluoroheptanoic acid



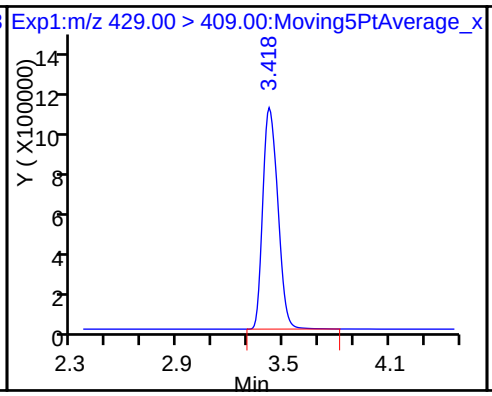
D 11 18O2 PFHxS



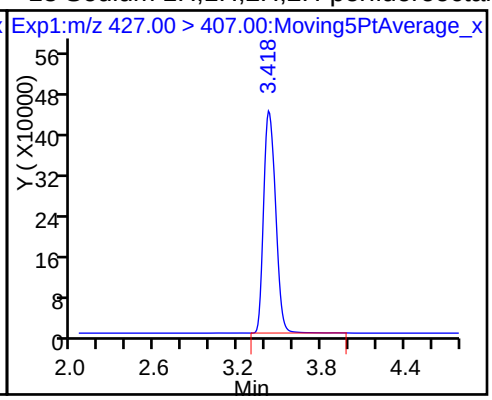
8 Perfluorohexanesulfonic acid



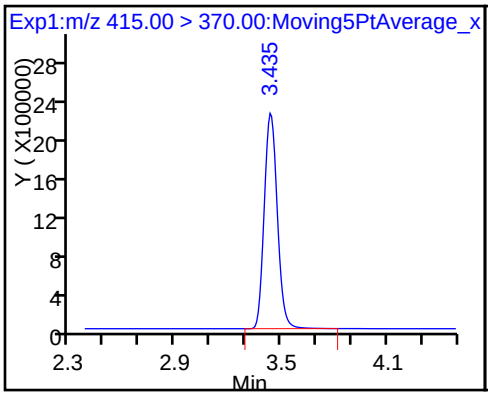
D 12 M2-6:2FTS



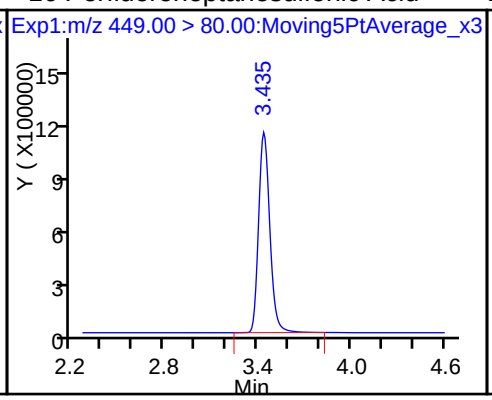
13 Sodium 1H,1H,2H,2H-perfluorooctane



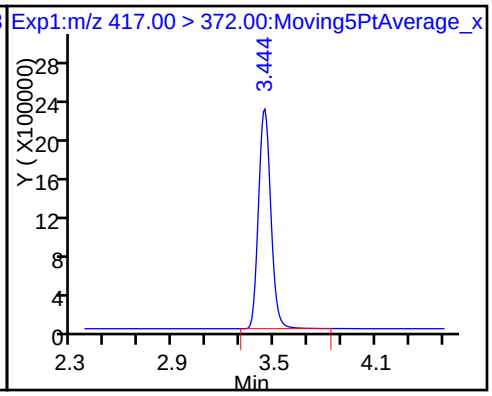
* 62 13C2-PFOA



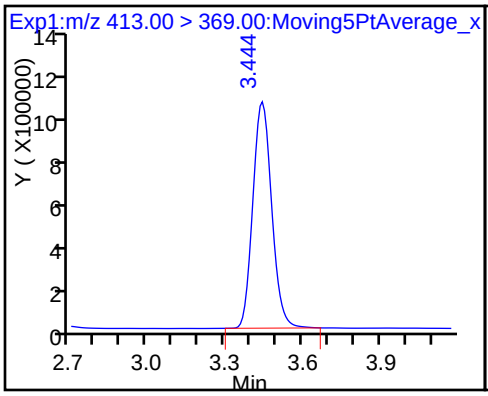
16 Perfluoroheptanesulfonic Acid



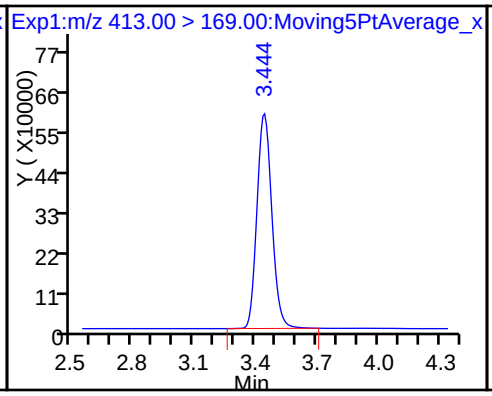
D 14 13C4 PFOA



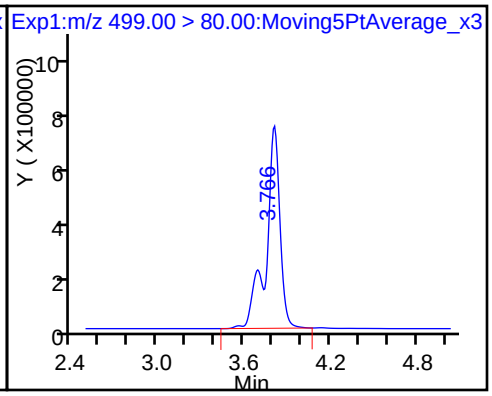
15 Perfluorooctanoic acid



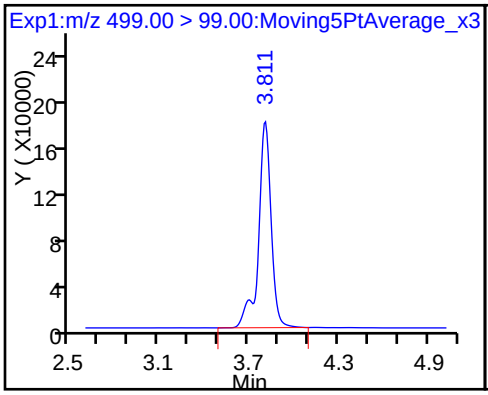
15 Perfluorooctanoic acid



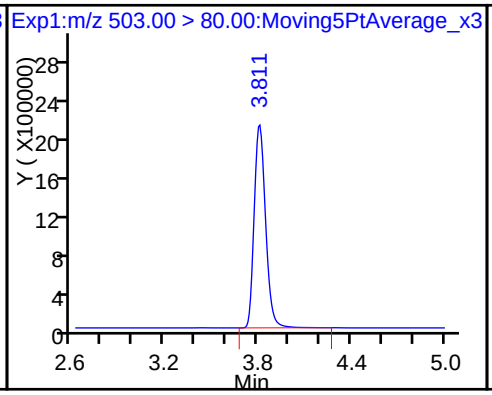
17 Perfluorooctane sulfonic acid



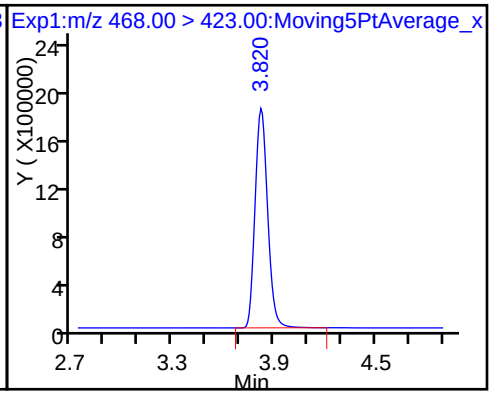
17 Perfluorooctane sulfonic acid



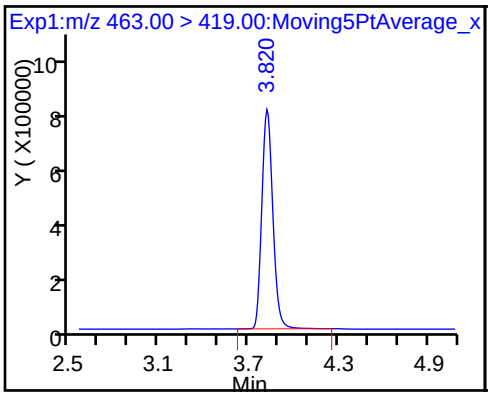
D 18 13C4 PFOS



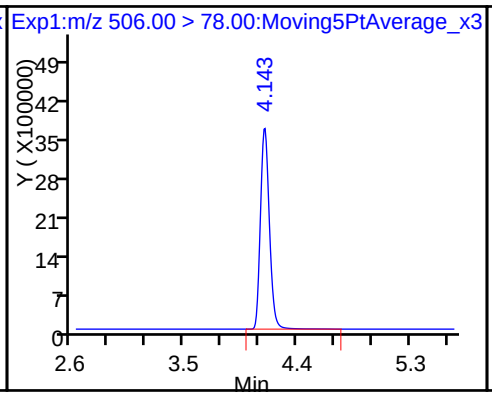
D 19 13C5 PFNA



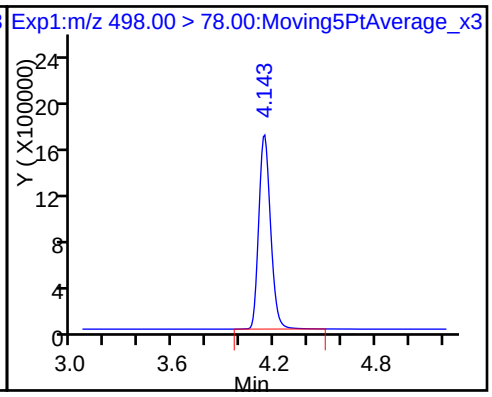
20 Perfluorononanoic acid



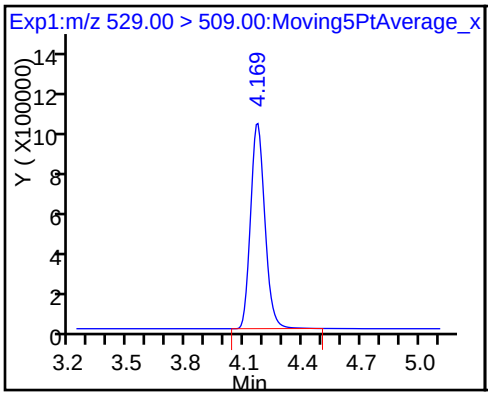
D 21 13C8 FOSA



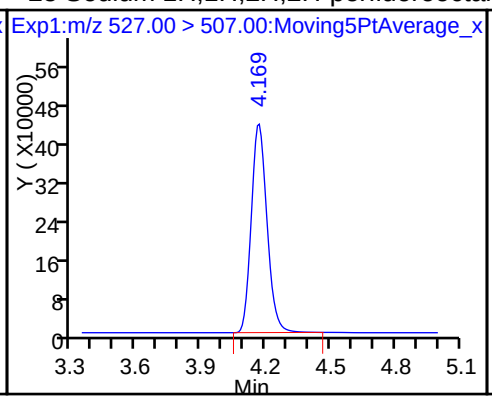
22 Perfluorooctane Sulfonamide



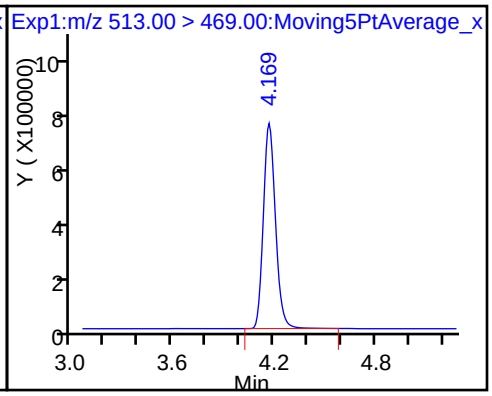
D 26 M2-8:2FTS



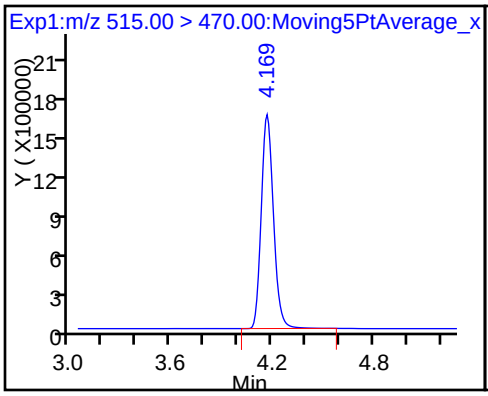
25 Sodium 1H,1H,2H,2H-perfluorooctane



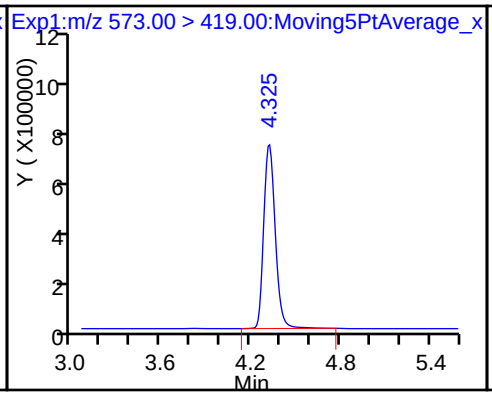
24 Perfluorodecanoic acid



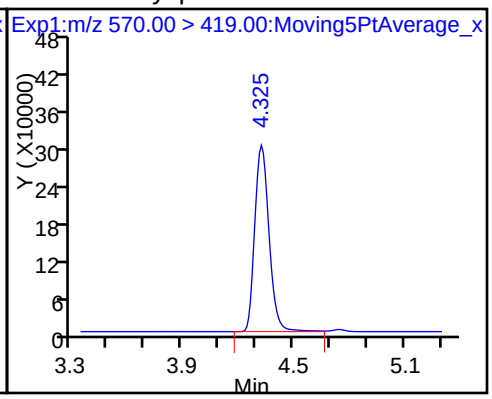
D 23 13C2 PFDA



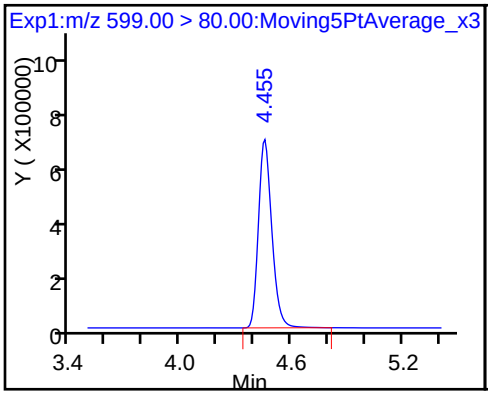
D 27 d3-NMeFOSAA



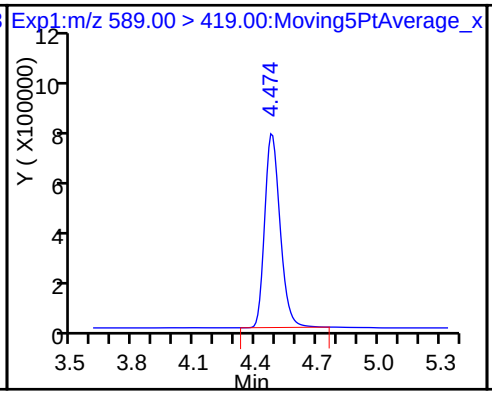
28 N-methyl perfluorooctane sulfonami



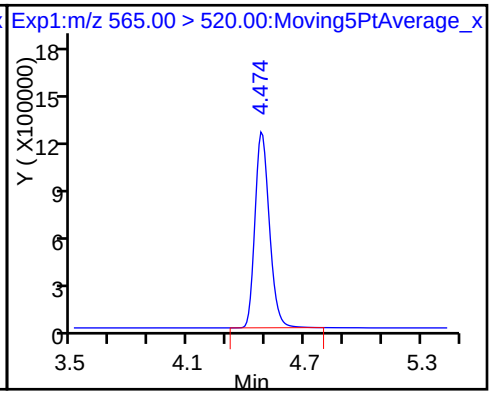
29 Perfluorodecane Sulfonic acid



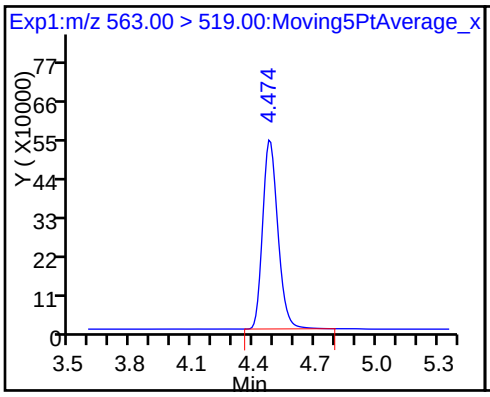
D 32 d5-NEtFOSAA



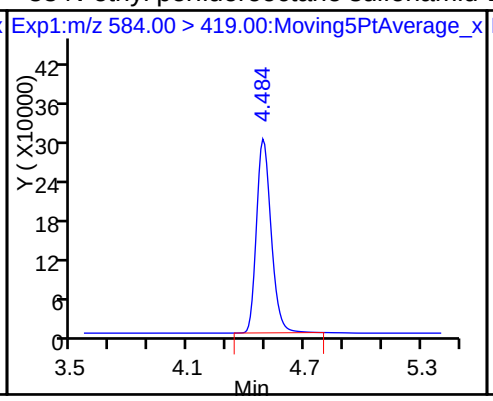
D 30 13C2 PFUnA



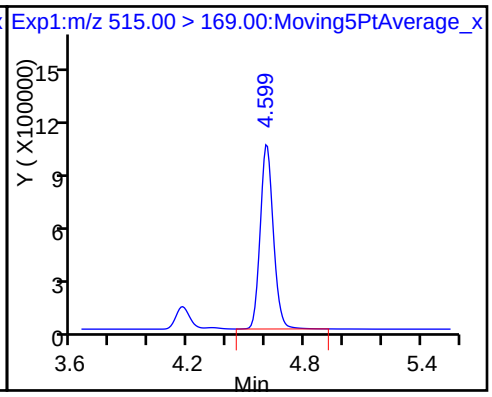
31 Perfluoroundecanoic acid



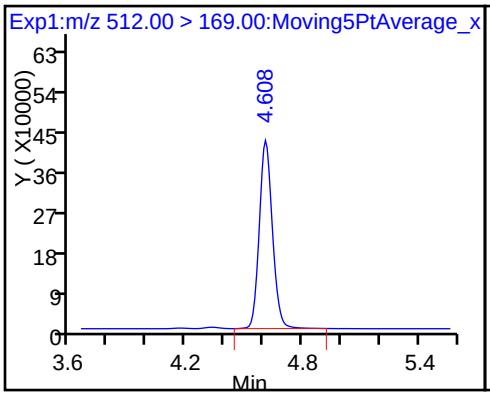
33 N-ethyl perfluorooctane sulfonamid



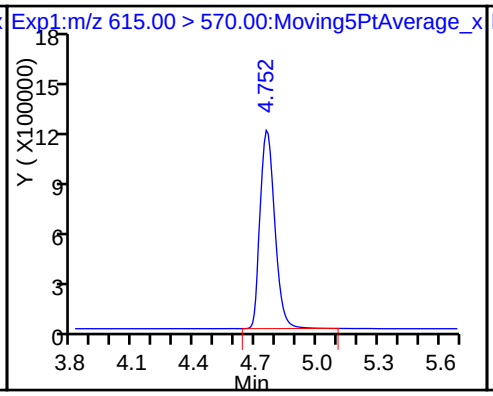
D 34 d-N-MeFOSA-M



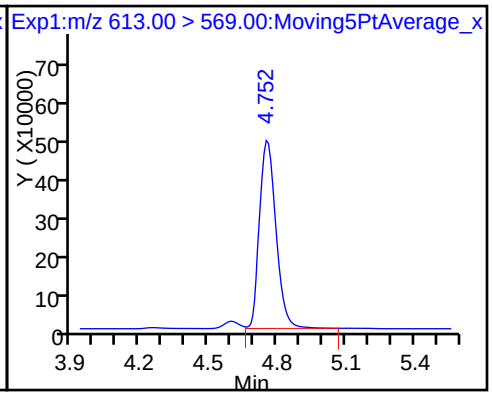
35 MeFOSA



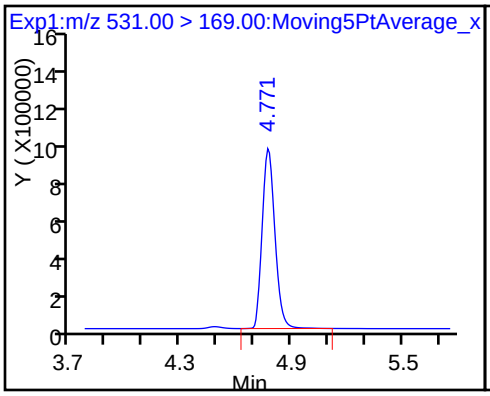
D 36 13C2 PFDoA



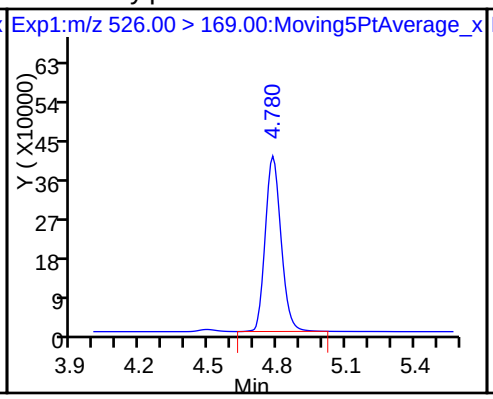
37 Perfluorododecanoic acid



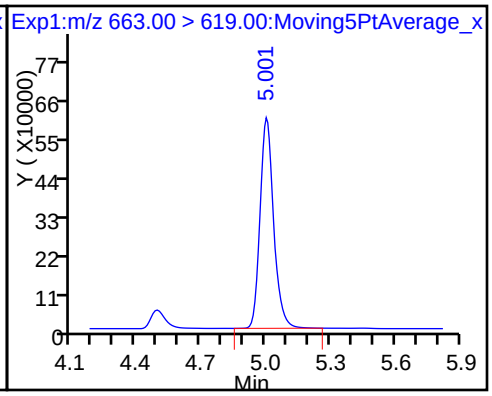
D 38 d-N-EtFOSA-M



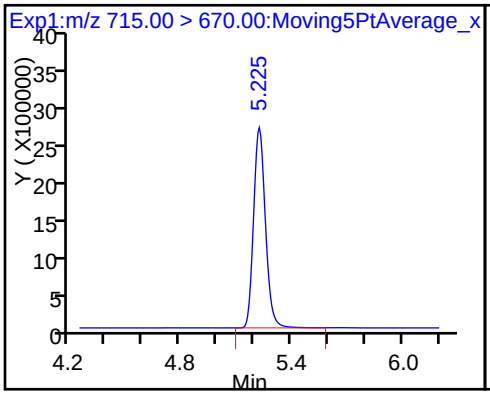
39 N-ethylperfluoro-1-octanesulfonami



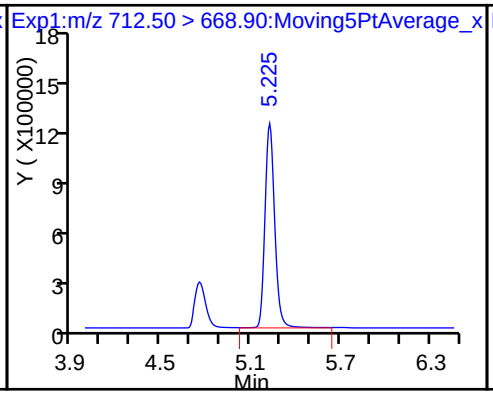
41 Perfluorotridecanoic acid



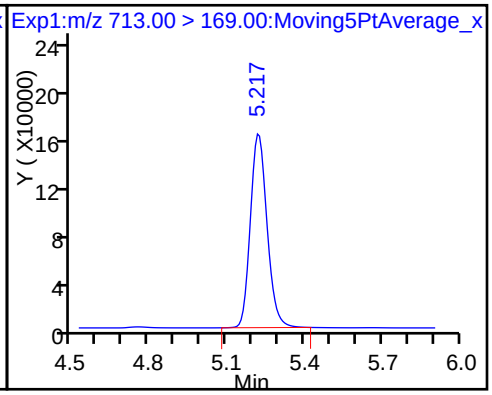
D 43 13C2-PFTeDA



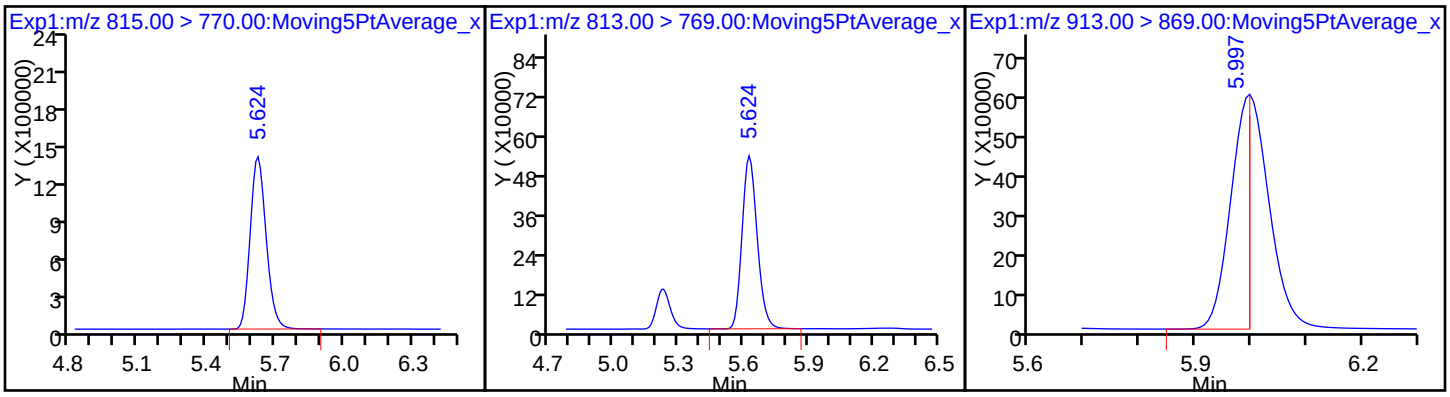
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: CCV 320-166365/26 Calibration Date: 05/26/2017 00:54

Instrument ID: A8_N Calib Start Date: 05/22/2017 18:42

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/22/2017 19:26

Lab File ID: 2017.05.25C_061.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	1.003	1.022		50.5	49.5	1.9	25.0
Perfluoropentanoic acid (PFPeA)	AveID	1.084	1.070		48.9	49.5	-1.3	25.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.582	1.593		44.1	43.8	0.7	25.0
Perfluorohexanoic acid (PFHxA)	AveID	1.036	1.031		49.3	49.5	-0.5	25.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.096	1.118		50.5	49.5	1.9	25.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.210	1.212		45.1	45.0	0.2	25.0
6:2FTS	AveID	0.9629	0.9365		45.6	46.9	-2.7	25.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.365	1.295		44.7	47.1	-5.1	25.0
Perfluorooctanoic acid (PFOA)	AveID	1.123	1.116		49.2	49.5	-0.6	25.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.187	1.186		45.9	45.9	-0.0	25.0
Perfluorononanoic acid (PFNA)	AveID	1.087	1.091		49.7	49.5	0.3	25.0
Perfluorooctane Sulfonamide (FOSA)	AveID	1.048	1.016		48.0	49.5	-3.1	25.0
8:2FTS	AveID	0.9756	1.002		48.7	47.4	2.7	25.0
Perfluorodecanoic acid (PFDA)	AveID	1.018	1.038		50.5	49.5	2.0	25.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.007	1.014		49.9	49.5	0.8	25.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6945	0.7393		50.8	47.7	6.5	25.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.174	1.130		47.6	49.5	-3.8	25.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9551	0.9608		49.8	49.5	0.6	25.0
MeFOSA	AveID	0.9631	0.9755		50.1	49.5	1.3	25.0
Perfluorododecanoic acid (PFDoA)	AveID	1.015	1.006		49.1	49.5	-0.9	25.0
N-EtFOSA-M	AveID	1.019	1.014		49.2	49.5	-0.5	25.0
Perfluorotridecanoic Acid (PFTriA)	AveID	1.004	1.086		53.5	49.5	8.2	25.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.126		51.4	49.5	3.9	25.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		0.9771		46.0	49.5	-7.1	25.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	1.260	1.061		41.7	49.5	-15.8	25.0
13C4 PFBA	Ave	372732	354983		47.1	49.5	-4.8	50.0
13C5-PFPeA	Ave	246497	248984		50.0	49.5	1.0	50.0
13C2 PFHxA	Ave	244489	225147		45.6	49.5	-7.9	50.0
13C4-PFHpA	Ave	223707	210660		46.6	49.5	-5.8	50.0
18O2 PFHxS	Ave	322150	298895		43.5	46.8	-7.2	50.0
M2-6:2FTS	Ave	131356	132410		47.4	47.0	0.8	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Lab Sample ID: CCV 320-166365/26 Calibration Date: 05/26/2017 00:54

Instrument ID: A8_N Calib Start Date: 05/22/2017 18:42

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 05/22/2017 19:26

Lab File ID: 2017.05.25C_061.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	226888	227921		49.7	49.5	0.5	50.0
13C4 PFOS	Ave	234642	225926		45.6	47.3	-3.7	50.0
13C5 PFNA	Ave	174482	183067		51.9	49.5	4.9	50.0
13C8 FOSA	Ave	367735	367343		49.5	49.5	-0.1	50.0
13C2 PFDA	Ave	149557	160473		53.1	49.5	7.3	50.0
M2-8:2FTS	Ave	99608	109157		52.0	47.4	9.6	50.0
d3-NMeFOSAA	Ave	66001	80041		60.0	49.5	21.3	50.0
13C2 PFUnA	Ave	112228	119399		52.7	49.5	6.4	50.0
d5-NEtFOSAA	Ave	64270	78367		60.4	49.5	21.9	50.0
d-N-MeFOSA-M	Ave	98992	102685		51.4	49.5	3.7	50.0
13C2 PFDoA	Ave	108877	120276		54.7	49.5	10.5	50.0
d-N-EtFOSA-M	Ave	95914	96508		49.8	49.5	0.6	50.0
13C2-PFTeDA	Ave	215350	233854		53.8	49.5	8.6	50.0
13C2-PFHxDA	Ave	120243	124558		51.3	49.5	3.6	50.0

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_061.d
Lims ID: CCV L5
Client ID:
Sample Type: CCV
Inject. Date: 26-May-2017 00:54:16 ALS Bottle#: 32 Worklist Smp#: 26
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: CCV L5
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub20

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:33:17 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:32:13

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.945	1.945	0.0		17573425	47.1		95.2	284099	
2 Perfluorobutyric acid										
212.90 > 169.00	1.945	1.945	0.0	1.000	17968007	50.5		102	10275	
D 3 13C5-PFPeA										
267.90 > 223.00	2.290	2.290	0.0		12325959	50.0		101	368503	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.290	2.290	0.0	1.000	13187957	48.9		98.7	4220	
D 47 13C3-PFBS										
301.90 > 83.00	2.329	2.329	0.0		274064	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.339	2.339	0.0	1.000	20839014	44.1		101		
298.90 > 99.00	2.329	2.339	-0.010	0.996	8681890		2.40(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.616	2.616	0.0	1.000	4159973	42.9		92.8		
D 7 13C2 PFHxA										
315.00 > 270.00	2.663	2.663	0.0		11145875	45.6		92.1	36372	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.663	2.663	0.0	1.000	11492687	49.3		99.5	34045	
D 9 13C4-PFHpA										
367.00 > 322.00	3.056	3.056	0.0		10428694	46.6		94.2	37776	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.056	3.056	0.0	1.000	11656360	50.5		102	4283	
D 11 18O2 PFHxS										
403.00 > 84.00	3.064	3.064	0.0		13997746	43.5		92.8	33141	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.064	3.064	0.0	1.000	16315912	45.1		100		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2FTS										
429.00 > 409.00	3.429	3.429	0.0		6227211	47.4		101		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.429	3.429	0.0	1.000	5819271	45.6		97.3		
* 62 13C2-PFOA										
415.00 > 370.00	3.446	3.446	0.0		10781164	49.5		100		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.446	3.446	0.0	1.000	13785542	44.7		94.9		
D 14 13C4 PFOA										
417.00 > 372.00	3.455	3.455	0.0		11283214	49.7		100	54103	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.455	3.455	0.0	1.000	12594063	49.2		99.4	1418	
413.00 > 169.00	3.455	3.455	0.0	1.000	7145377		1.76(0.90-1.10)		11647	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.820	3.820	0.0	1.000	12307571	45.9		99.9	16417	
499.00 > 99.00	3.820	3.820	0.0	1.000	2648274		4.65(0.90-1.10)		11089	
D 18 13C4 PFOS										
503.00 > 80.00	3.820	3.820	0.0		10692339	45.6		96.3	14028	
D 19 13C5 PFNA										
468.00 > 423.00	3.829	3.829	0.0		9062699	51.9		105	26285	
20 Perfluorononanoic acid										
463.00 > 419.00	3.829	3.829	0.0	1.000	9889863	49.7		100	7218	
D 21 13C8 FOSA										
506.00 > 78.00	4.154	4.154	0.0		18185286	49.5		99.9	296858	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.154	4.154	0.0	1.000	18475342	48.0		96.9	47152	
D 26 M2-8:2FTS										
529.00 > 509.00	4.181	4.181	0.0		5176867	52.0		110		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.181	4.181	0.0	1.000	5185564	48.7		103		
24 Perfluorodecanoic acid										
513.00 > 469.00	4.181	4.181	0.0	1.000	8243945	50.5		102	9974	
D 23 13C2 PFDA										
515.00 > 470.00	4.181	4.181	0.0		7944214	53.1		107	9895	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.335	4.335	0.0		3962430	60.0		121		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.335	4.335	0.0	1.000	4019828	49.9		101		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.466	4.466	0.0	1.000	7971251	50.8		106		
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.485	4.485	0.0		3879541	60.4		122		
D 30 13C2 PFUnA										
565.00 > 520.00	4.485	4.485	0.0		5910822	52.7		106	27853	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.485	4.485	0.0	1.000	6680010	47.6		96.2	12857	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.495	4.495	0.0	1.002	3727473	49.8		101		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.611	4.611	0.0		5083432	51.4		104		
35 MeFOSA										
512.00 > 169.00	4.620	4.620	0.0	1.000	4958711	50.1		101		
D 36 13C2 PFDoA										
615.00 > 570.00	4.763	4.763	0.0		5954243	54.7		110	8343	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.763	4.763	0.0	1.000	5990295	49.1		99.1	1301	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.782	4.782	0.0		4777639	49.8		101		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.792	4.792	0.0	1.000	4843508	49.2		99.5		
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.015	5.015	0.0	1.000	6466960	53.5		108	646	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.235	5.235	0.0		11576923	53.8		109	18724	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.235	5.235	0.0	1.000	12659747	51.4		104	276	
713.00 > 169.00	5.227	5.235	-0.008	0.998	1738600		7.28(0.00-0.00)		5319	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.627	5.627	0.0		6166261	51.3		104	3809	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.637	5.637	0.0	1.000	5817948	46.0		92.9	200	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.009	6.009	0.0	1.000	6319082	41.7		84.2	221	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L5_00003 Amount Added: 1.00 Units: mL

Report Date: 26-May-2017 14:33:18 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_061.d

Injection Date: 26-May-2017 00:54:16 Instrument ID: A8_N

Lims ID: CCV L5

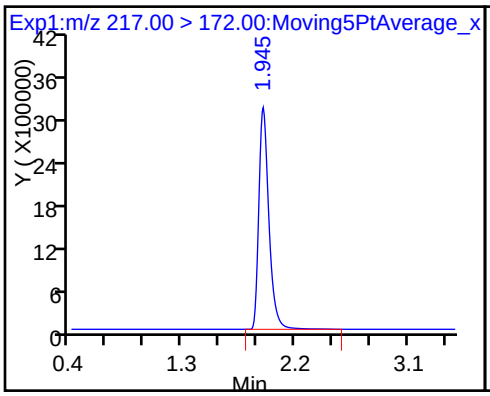
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 32 Worklist Smp#: 26

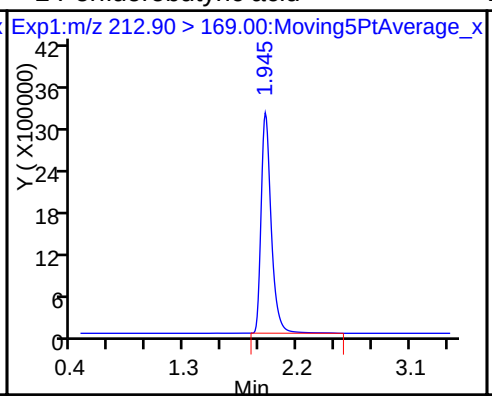
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

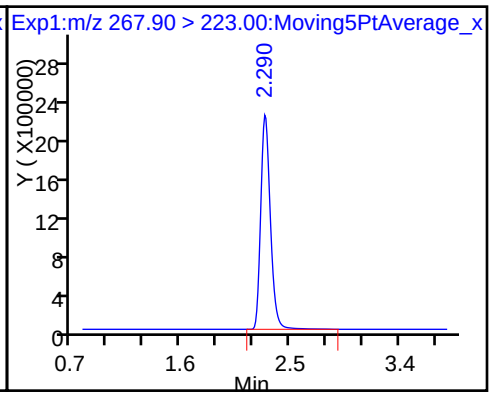
D 1 13C4 PFBA



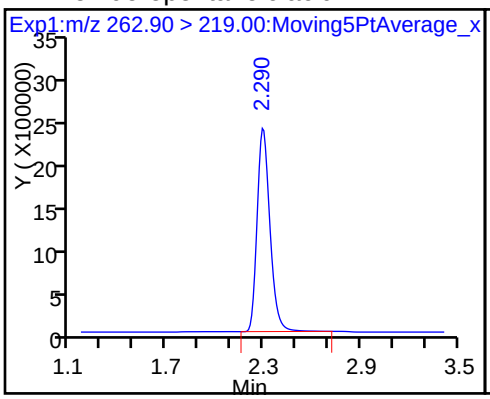
2 Perfluorobutyric acid



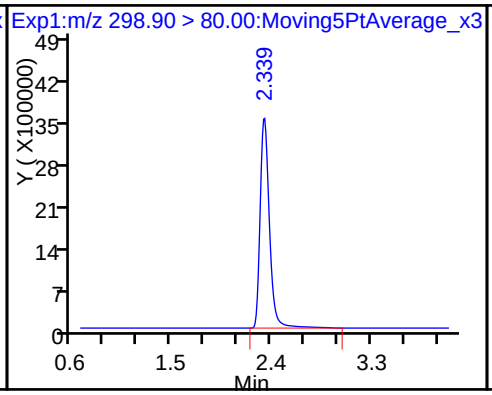
D 3 13C5-PFPeA



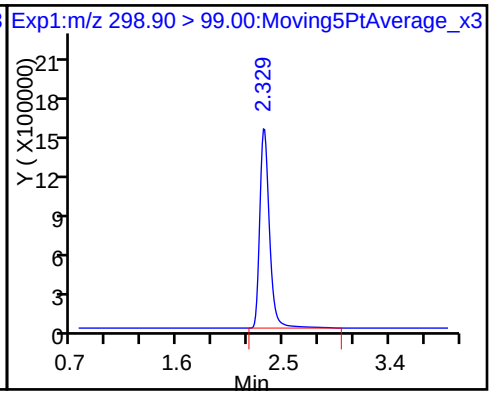
4 Perfluoropentanoic acid



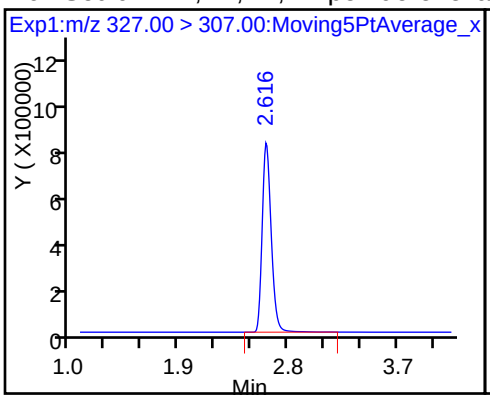
5 Perfluorobutanesulfonic acid



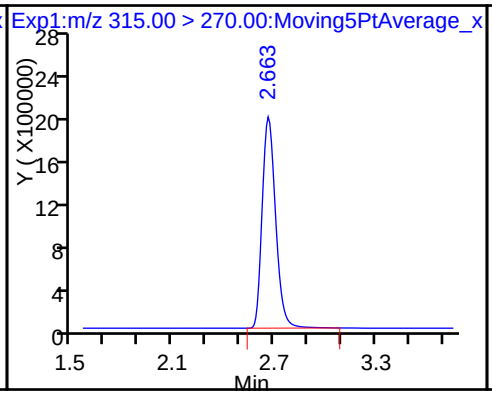
5 Perfluorobutanesulfonic acid



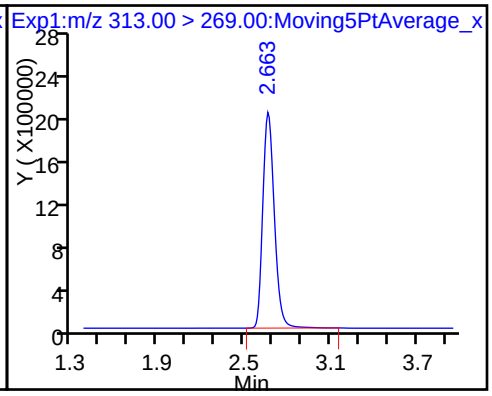
61 Sodium 1H,1H,2H,2H-perfluorohexane



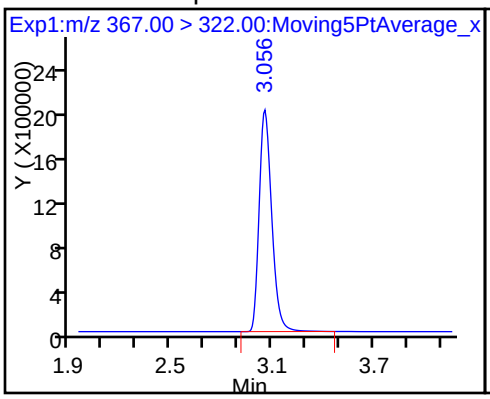
D 7 13C2 PFHxA



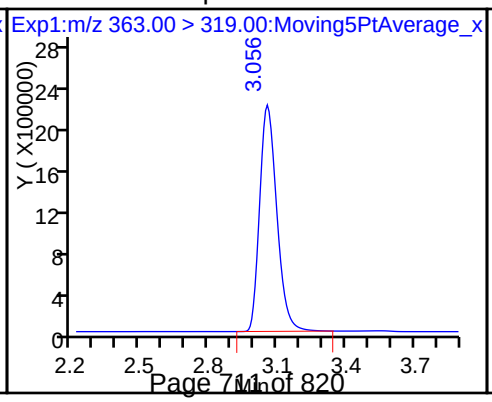
6 Perfluorohexanoic acid



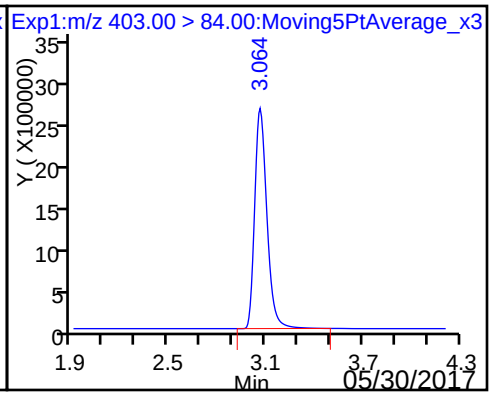
D 9 13C4-PFHpA



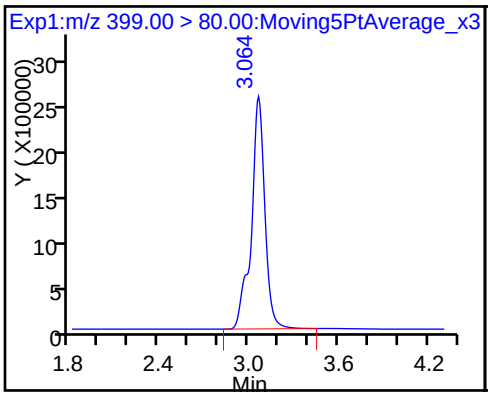
10 Perfluoroheptanoic acid



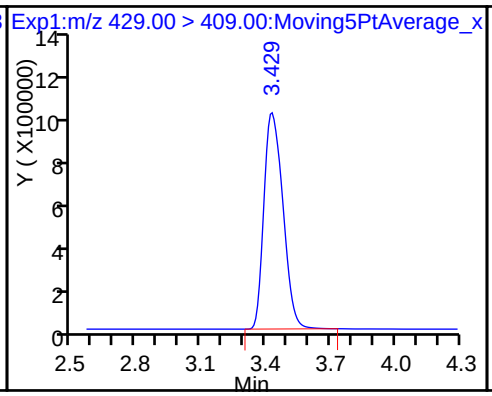
D 11 18O2 PFHxS



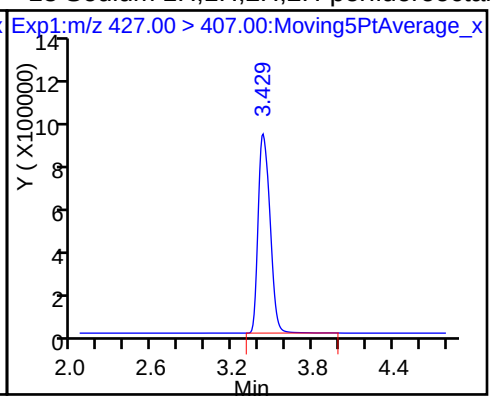
8 Perfluorohexanesulfonic acid



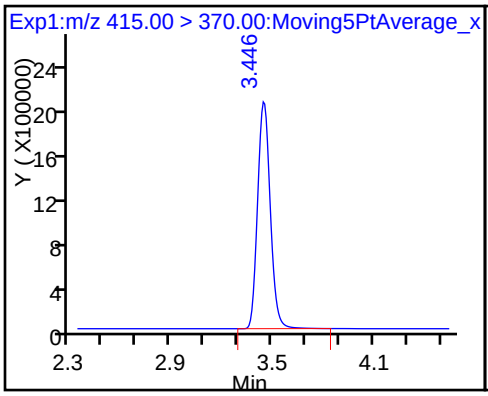
D 12 M2-6:2FTS



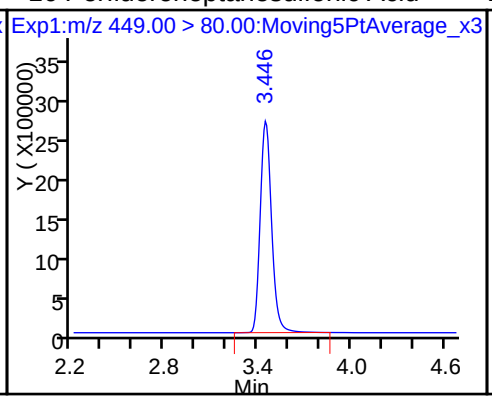
13 Sodium 1H,1H,2H,2H-perfluorooctane



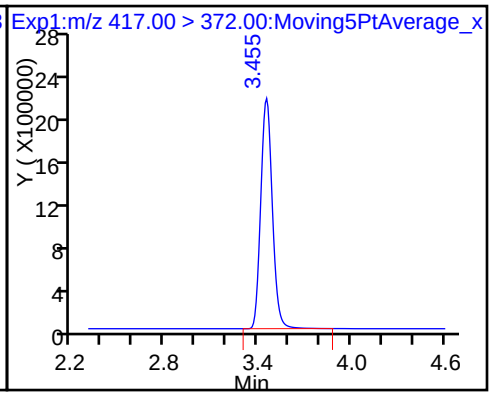
* 62 13C2-PFOA



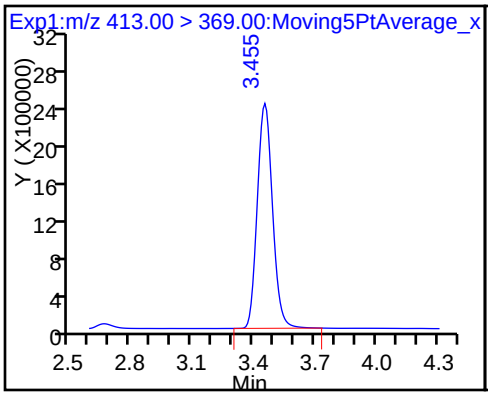
16 Perfluoroheptanesulfonic Acid



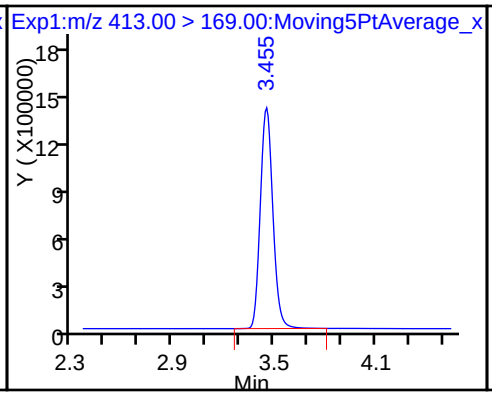
D 14 13C4 PFOA



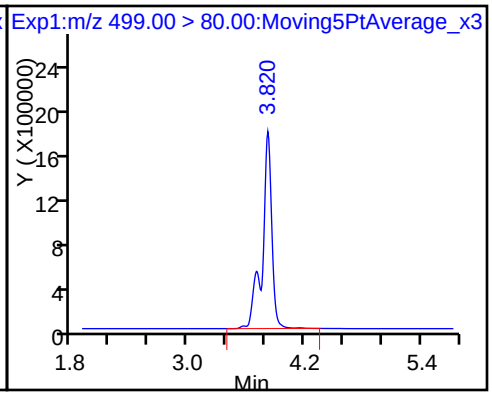
15 Perfluorooctanoic acid



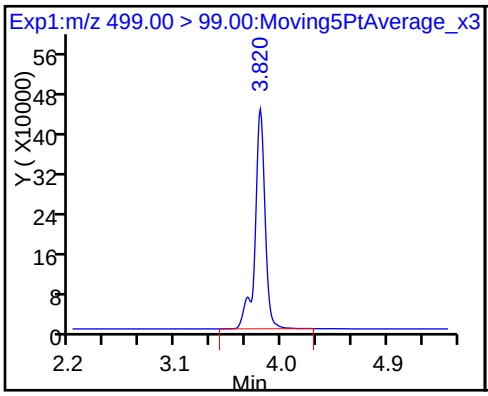
15 Perfluorooctanoic acid



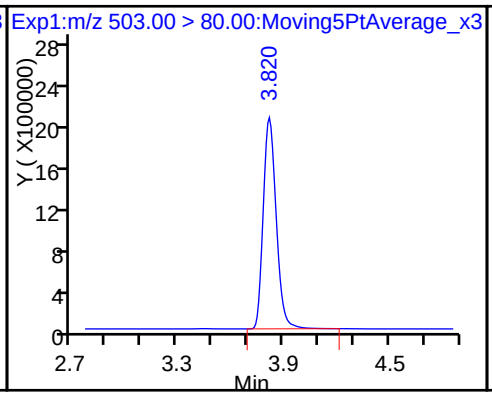
17 Perfluorooctane sulfonic acid



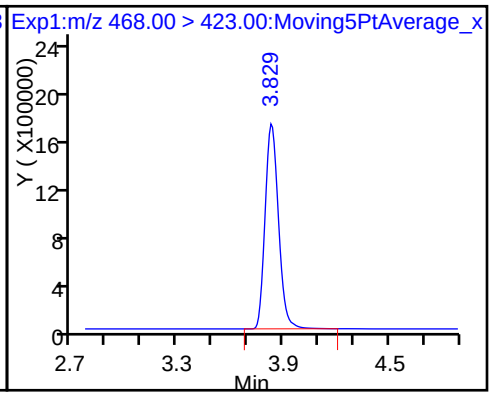
17 Perfluorooctane sulfonic acid



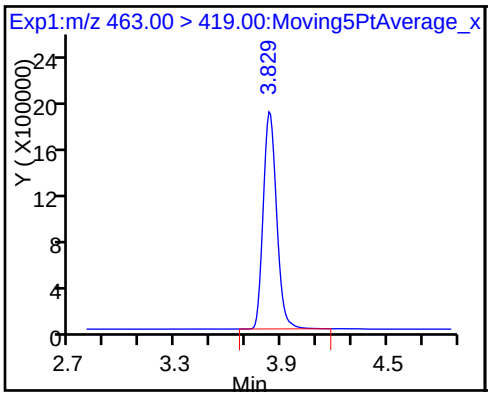
D 18 13C4 PFOS



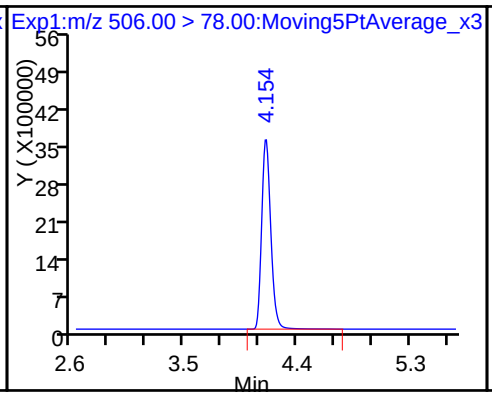
D 19 13C5 PFNA



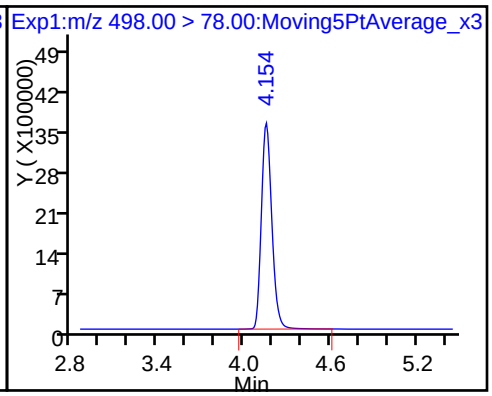
20 Perfluorononanoic acid



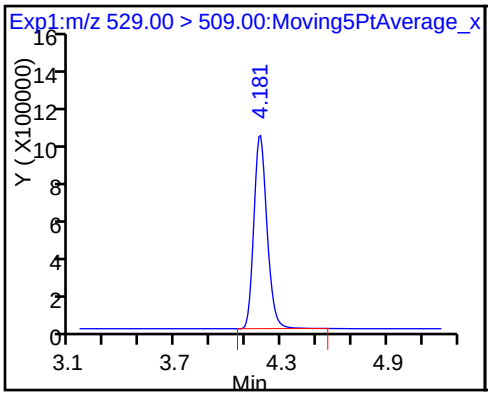
D 21 13C8 FOSA



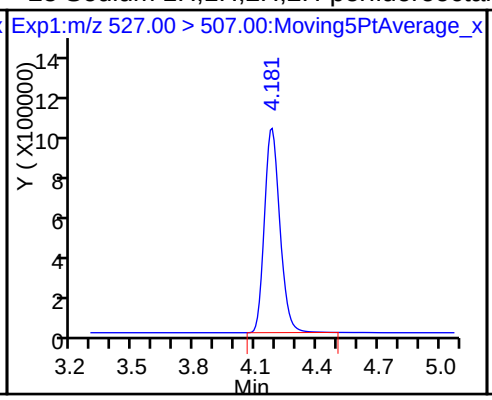
22 Perfluorooctane Sulfonamide



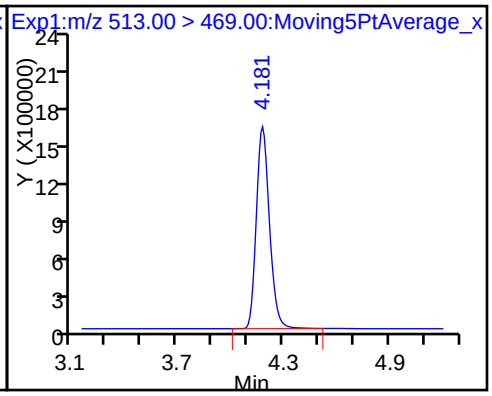
D 26 M2-8:2FTS



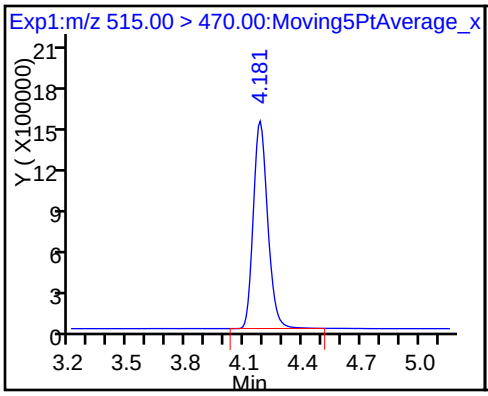
25 Sodium 1H,1H,2H,2H-perfluorooctane



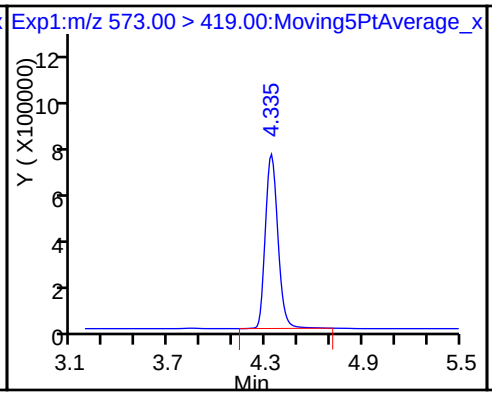
24 Perfluorodecanoic acid



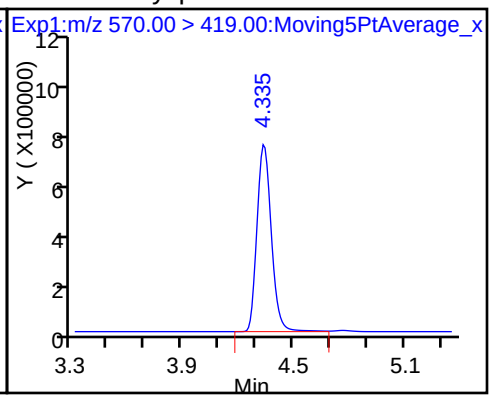
D 23 13C2 PFDA



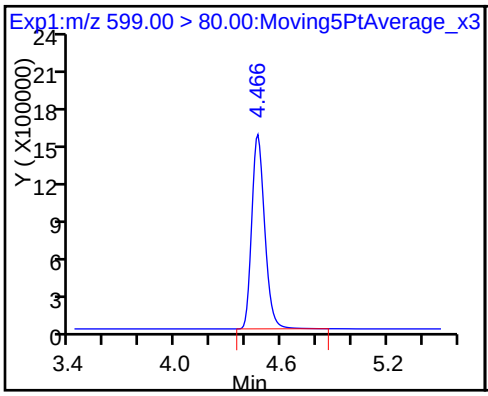
D 27 d3-NMeFOSAA



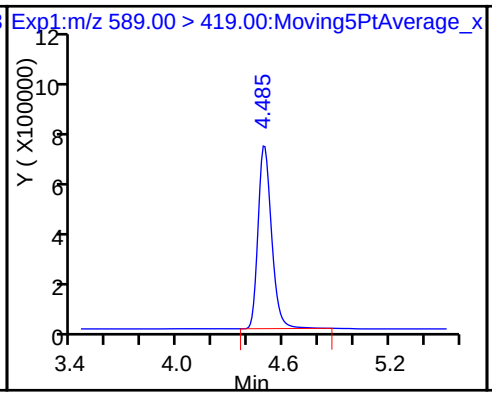
28 N-methyl perfluorooctane sulfonami



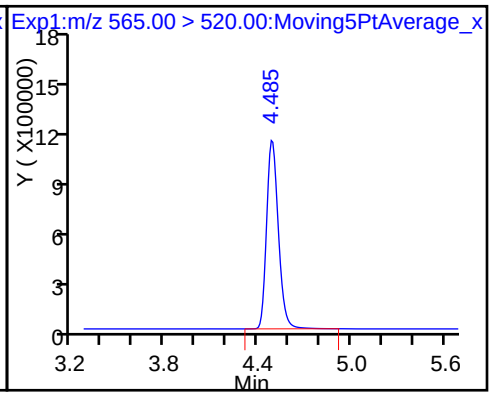
29 Perfluorodecane Sulfonic acid



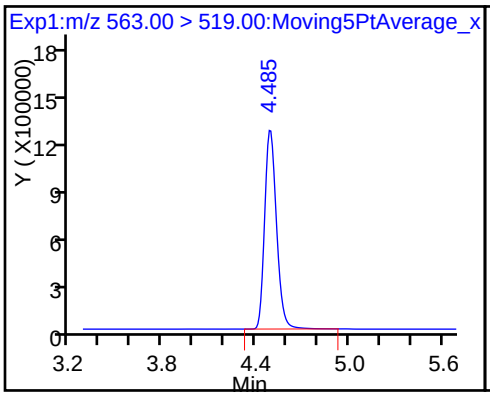
D 32 d5-NEtFOSAA



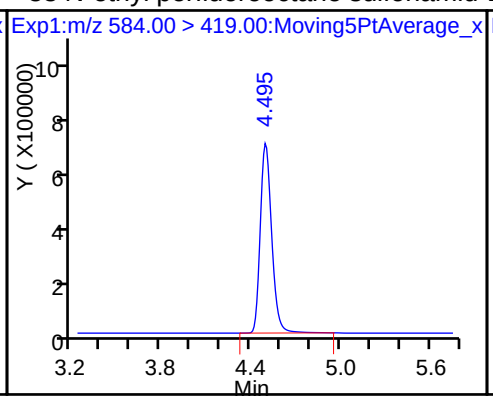
D 30 13C2 PFUnA



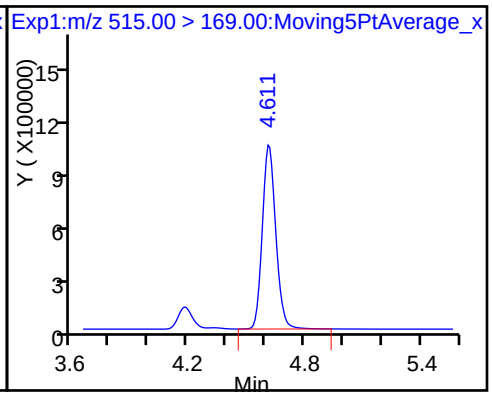
31 Perfluoroundecanoic acid



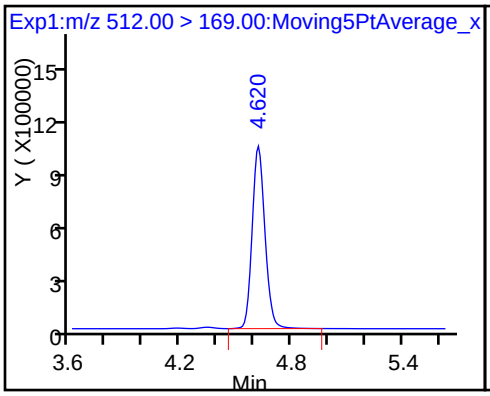
33 N-ethyl perfluorooctane sulfonamid



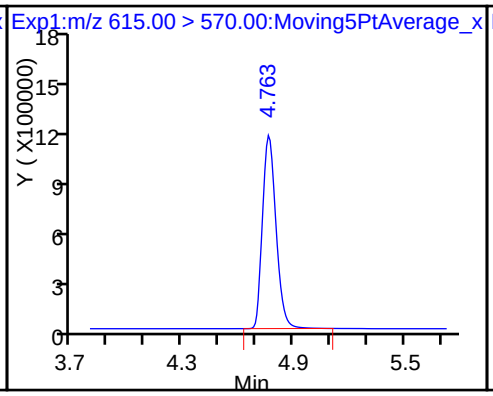
D 34 d-N-MeFOSA-M



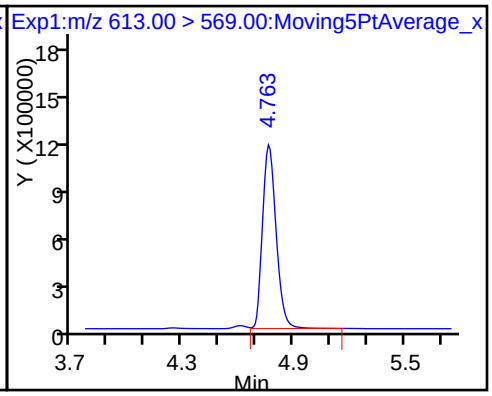
35 MeFOSA



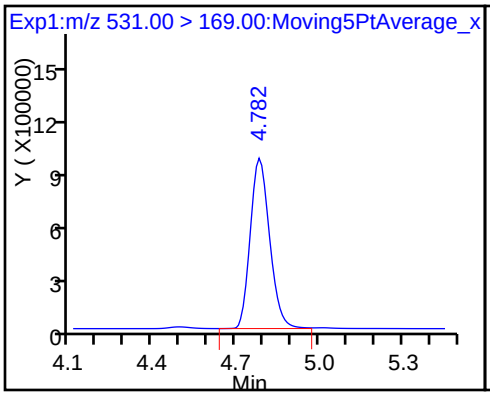
D 36 13C2 PFDoA



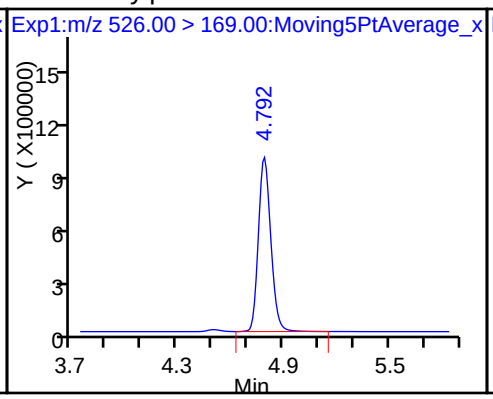
37 Perfluorododecanoic acid



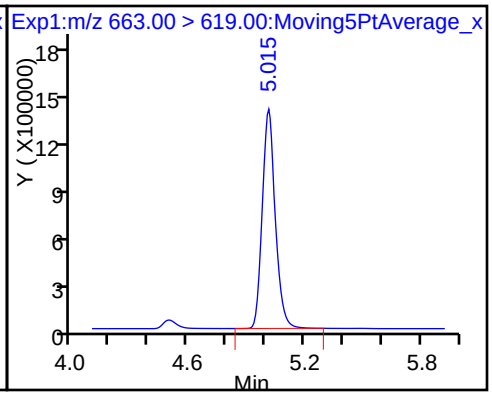
D 38 d-N-EtFOSA-M



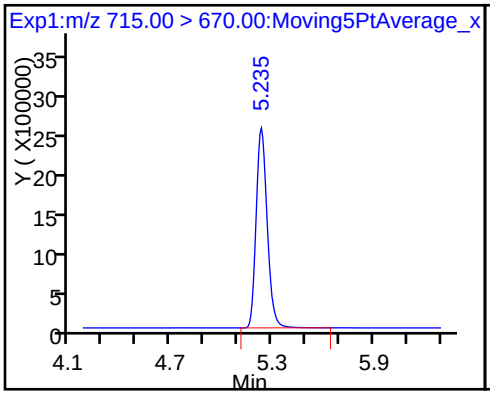
39 N-ethylperfluoro-1-octanesulfonami



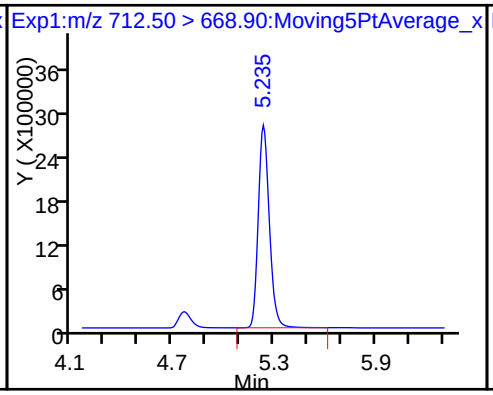
41 Perfluorotridecanoic acid



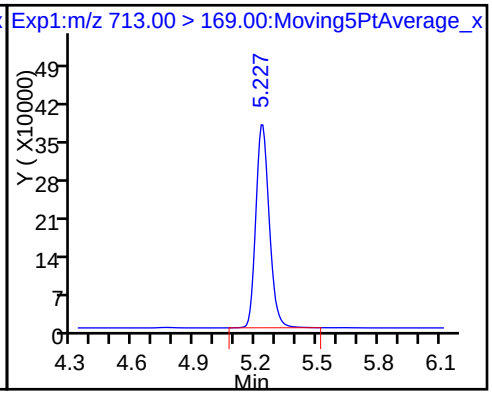
D 43 13C2-PFTeDA



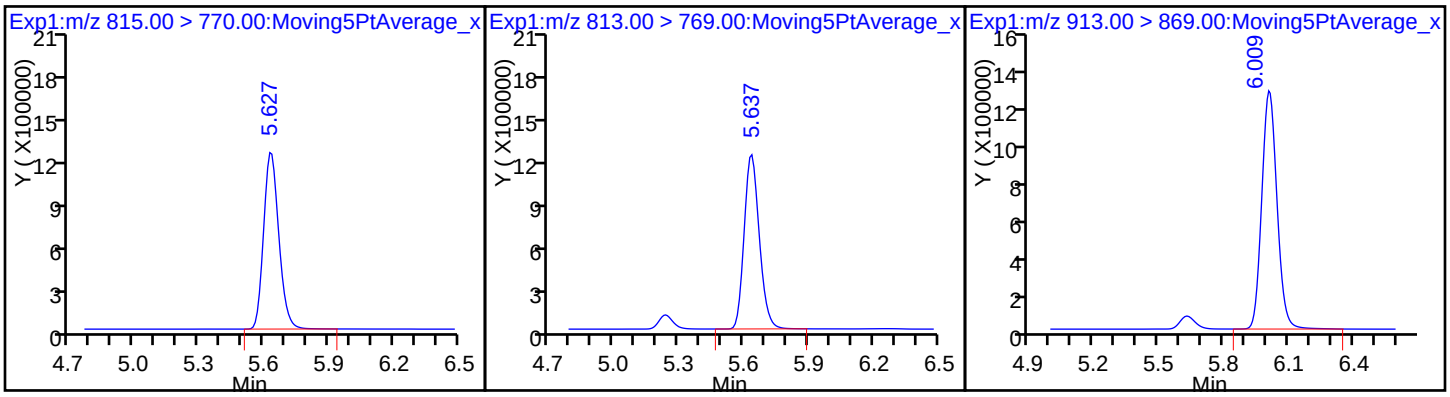
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 320-164983/1-A
Matrix: Water
Lab File ID: 2017.05.18D_002.d
Analysis Method: 537 (Modified)
Date Collected:
Extraction Method: 3535
Date Extracted: 05/17/2017 14:18
Sample wt/vol: 250.00(mL)
Date Analyzed: 05/19/2017 06:51
Con. Extract Vol.: 0.50(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 165301
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	2.0	U	2.5	2.0	0.75
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	3.0	U	4.0	3.0	1.3
375-73-5	Perfluorobutanesulfonic acid (PFBS)	2.0	U	2.5	2.0	0.92

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	123		25-150
STL00991	13C4 PFOS	106		25-150
STL00994	18O2 PFHxS	108		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_002.d
Lims ID: MB 320-164983/1-A
Client ID:
Sample Type: MB
Inject. Date: 19-May-2017 06:51:39 ALS Bottle#: 14 Worklist Smp#: 2
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: mb 320-164983/1-a
Misc. Info.: Plate: 1 Rack: 3
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 14:09:14 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK011

First Level Reviewer: chandrasenas Date: 19-May-2017 13:39:24

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.994	2.009	-0.015		19384299	53.9		108	209887	
2 Perfluorobutyric acid										M
212.90 > 169.00	2.002	2.009	-0.007	1.000	80829	0.2073			13.5	M
D 3 13C5-PFPeA										
267.90 > 223.00	2.349	2.358	-0.009		13278082	53.4		107	228040	
D 47 13C3-PFBS										
301.90 > 83.00	2.389	2.398	-0.009		319865	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.389	2.398	-0.009	1.000	10212	0.0195				
298.90 > 99.00	2.389	2.398	-0.009	1.000	3794		2.69(0.00-0.00)			
D 7 13C2 PFHxA										
315.00 > 270.00	2.722	2.732	-0.010		12812259	52.6		105	374404	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.722	2.742	-0.020	1.000	13331	0.0505			18.2	
D 9 13C4-PFHpA										
367.00 > 322.00	3.113	3.130	-0.017		12723393	60.0		120	65658	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.113	3.130	-0.017	1.000	8113	0.0285			7.1	
D 11 18O2 PFHxS										
403.00 > 84.00	3.121	3.138	-0.017		15517550	51.0		108	486924	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.130	3.138	-0.008	1.000	54963	0.1423				
D 12 M2-6:2FTS										
429.00 > 409.00	3.492	3.509	-0.017		5065	0.0402		0.0		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.492	3.509	-0.017	1.000	23058	NR				
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.513	3.524	-0.011	1.000	5482	0.0175				

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
* 62 13C2-PFOA										
415.00 > 370.00	3.506	3.524	-0.018		16190	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.513	3.531	-0.018		13087076	61.5		123	48259	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.513	3.531	-0.018	1.000	32242	0.1072			3.3	
413.00 > 169.00	3.506	3.531	-0.025	0.998	14550		2.22(0.90-1.10)		54.7	
D 18 13C4 PFOS										
503.00 > 80.00	3.877	3.890	-0.013		11602610	50.6		106	86944	
D 19 13C5 PFNA										
468.00 > 423.00	3.893	3.907	-0.014		10022107	59.7		119	28674	
20 Perfluorononanoic acid										
463.00 > 419.00	3.893	3.907	-0.014	1.000	13099	0.0611			14.7	
D 21 13C8 FOSA										
506.00 > 78.00	4.211	4.221	-0.010		12142712	33.1		66.2	14697	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.211	4.221	-0.010	1.000	21584	0.0841			131	
D 23 13C2 PFDA										
515.00 > 470.00	4.237	4.251	-0.014		8707962	60.3		121	8960	
D 26 M2-8:2FTS										
529.00 > 509.00	4.237	4.251	-0.014		10900	0.1100		0.0		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.237	4.251	-0.014	1.000	4877	NR				
24 Perfluorodecanoic acid										
513.00 > 469.00	4.246	4.251	-0.005	1.000	13117	0.0736			33.7	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.391	4.398	-0.007		52180	0.8042		0.0		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.401	4.409	-0.008	1.002	20160	NR				
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.525	4.535	-0.010	1.000	4505	0.0270				
D 30 13C2 PFUnA										
565.00 > 520.00	4.544	4.555	-0.011		6600448	64.9		130	19917	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.544	4.555	-0.011	1.000	35395	0.2277			63.1	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.554	4.555	-0.001		65784	1.04		0.0		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.554	4.565	-0.011	1.000	20461	NR				
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.678	4.678	0.0		5068	0.0509		0.0		
35 MeFOSA										
512.00 > 169.00	4.678	4.687	-0.009	1.000	2782	NR				
D 36 13C2 PFDoA										
615.00 > 570.00	4.822	4.833	-0.011		5820156	58.1		116	4860	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.822	4.833	-0.011	1.000	12415	0.1052			1.1	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.840	4.852	-0.012		5852	0.0628		0.0		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.849	4.852	-0.003	1.000	3603	NR				
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.070	5.073	-0.003	1.000	10381	0.0874			0.7	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.280	5.301	-0.021	1.000	86234	0.2127			1.7	
713.00 > 169.00	5.289	5.301	-0.012	1.002	10470		8.24(0.00-0.00)		53.8	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.289	5.301	-0.012		14848533	72.5		145	7332	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.687	5.693	-0.006		6817085	57.6		115	5072	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.687	5.693	-0.006	1.000	103396	-0.1133			7.0	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.705	5.703	0.002	1.000	114214	8.61			269	

QC Flag Legend

Processing Flags
- NR - Missing Quant Standard
- NC - Not Calibrated

Review Flags
- M - Manually Integrated

Report Date: 19-May-2017 14:09:17 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_002.d

Injection Date: 19-May-2017 06:51:39 Instrument ID: A8_N

Lims ID: MB 320-164983/1-A

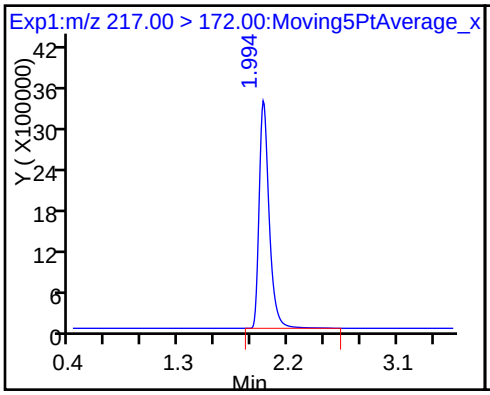
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 14 Worklist Smp#: 2

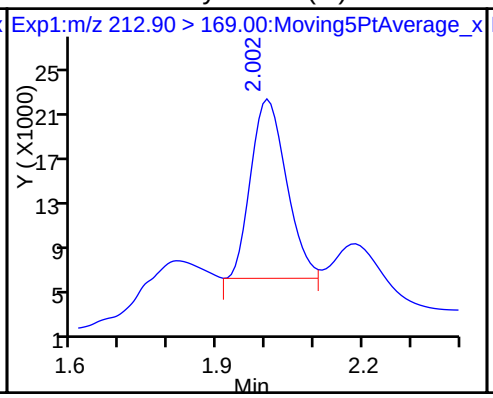
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

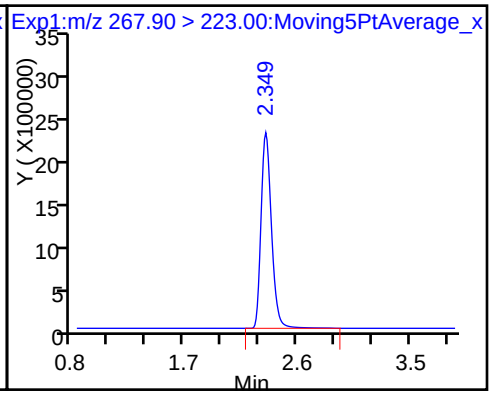
D 1 13C4 PFBA



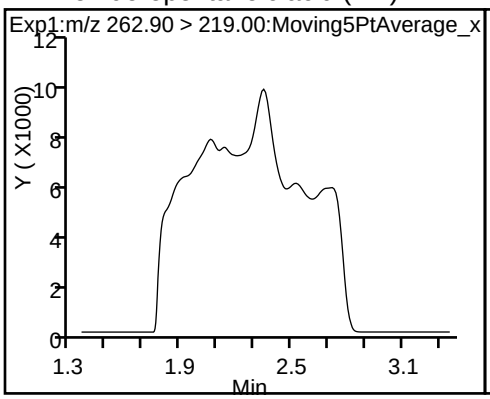
2 Perfluorobutyric acid (M)



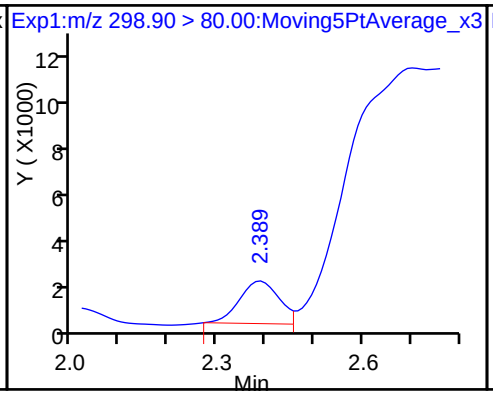
D 3 13C5-PFPeA



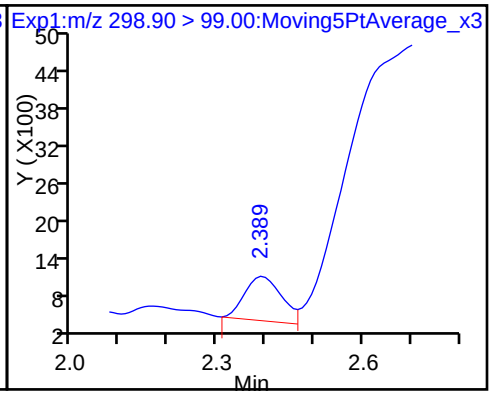
4 Perfluoropentanoic acid (ND)



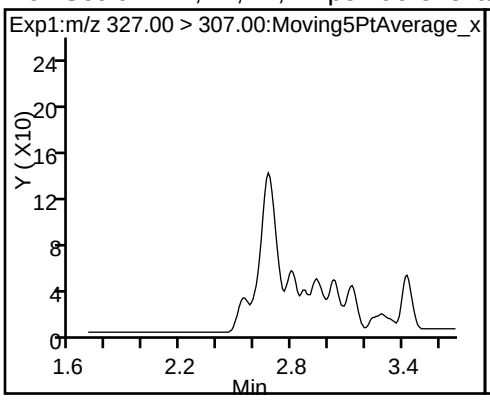
5 Perfluorobutanesulfonic acid



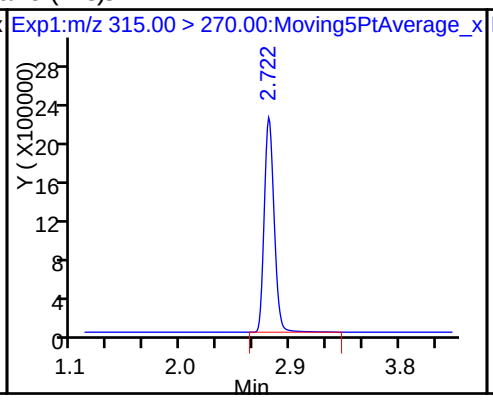
5 Perfluorobutanesulfonic acid



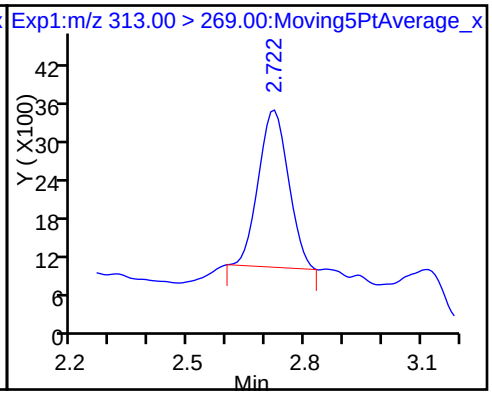
61 Sodium 1H,1H,2H,2H-perfluorohexane (ND)



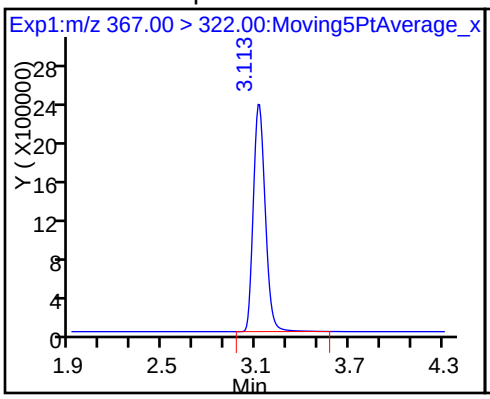
D 7 13C2 PFHxA



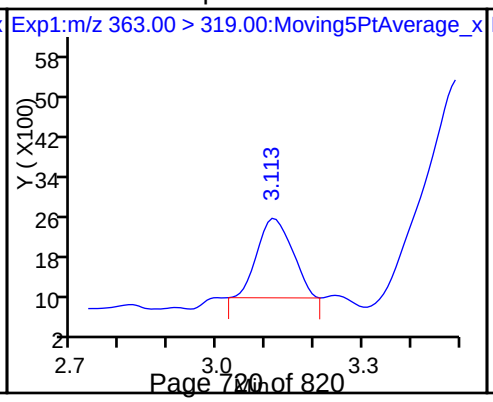
6 Perfluorohexanoic acid



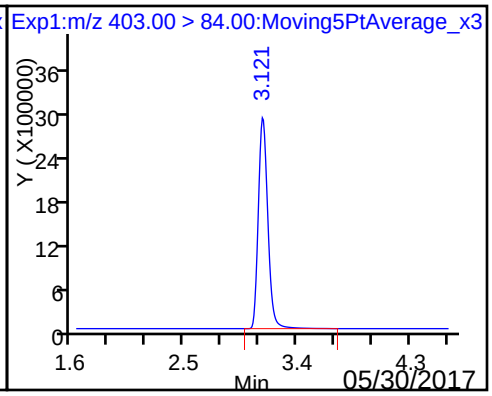
D 9 13C4-PFHpA



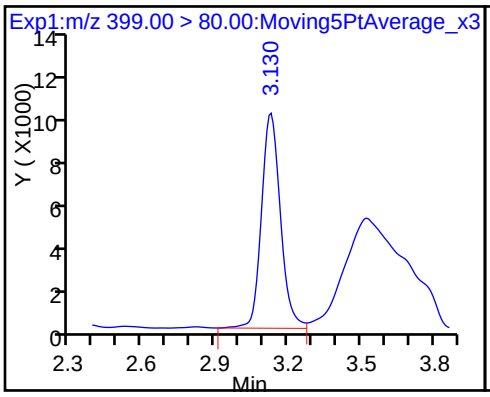
10 Perfluoroheptanoic acid



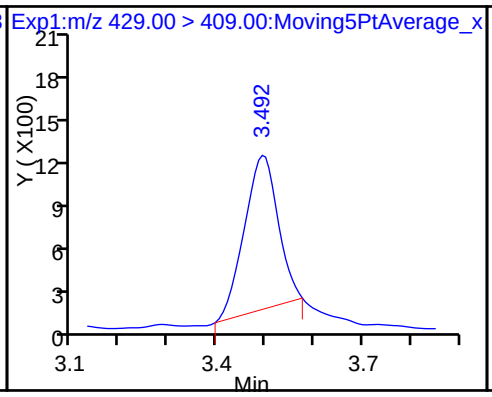
D 11 18O2 PFHxS



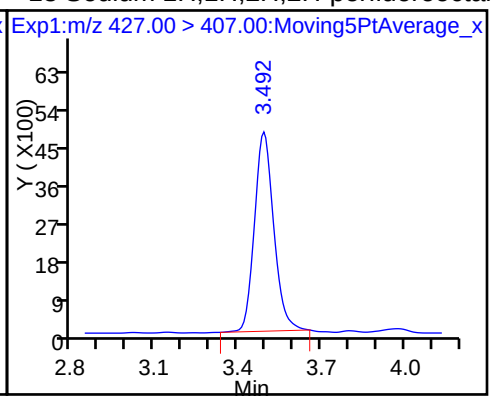
8 Perfluorohexanesulfonic acid



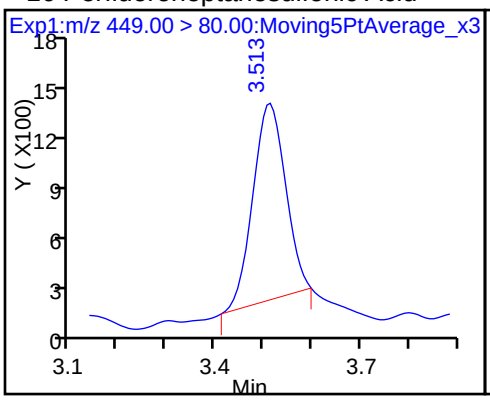
D 12 M2-6:2FTS



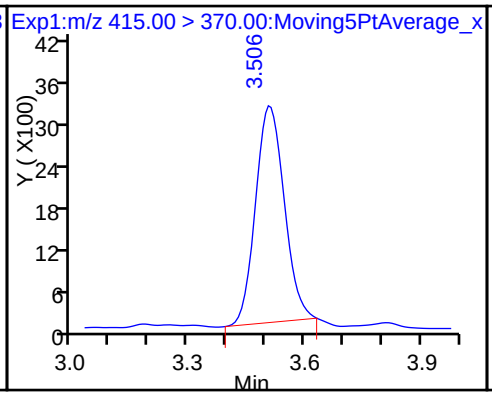
13 Sodium 1H,1H,2H,2H-perfluorooctane



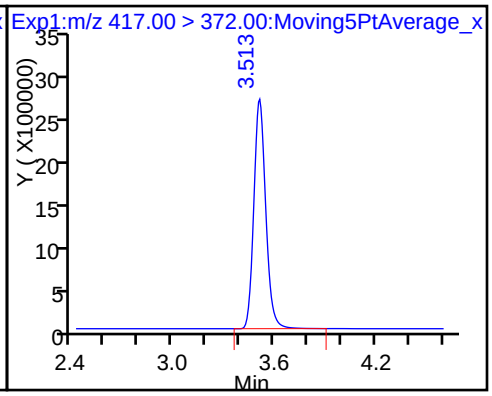
16 Perfluoroheptanesulfonic Acid



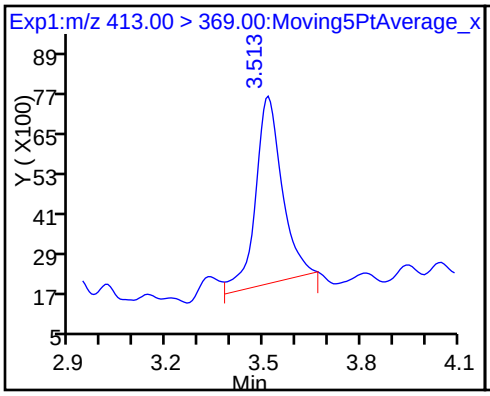
* 62 13C2-PFOA



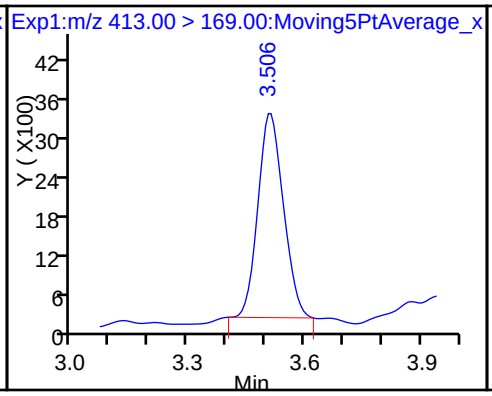
D 14 13C4 PFOA



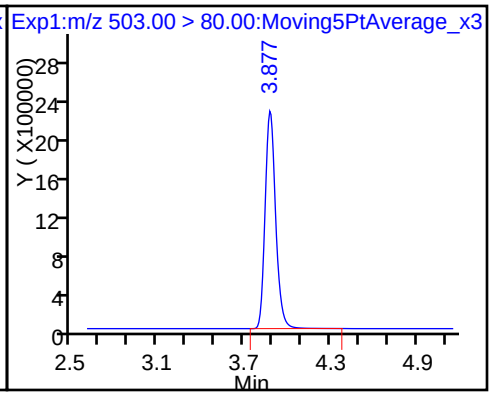
15 Perfluorooctanoic acid



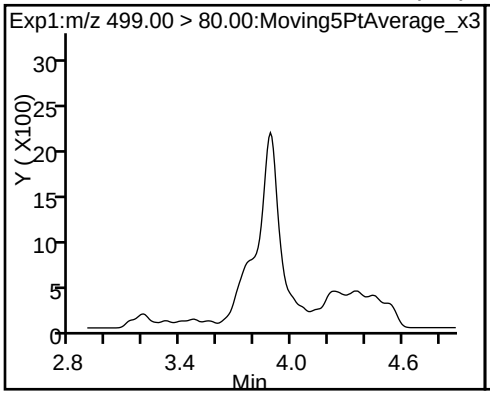
15 Perfluorooctanoic acid



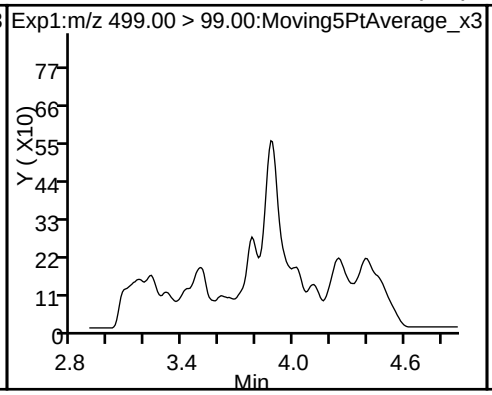
D 18 13C4 PFOS



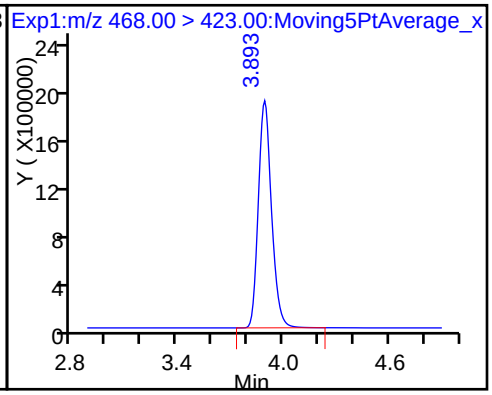
17 Perfluorooctane sulfonic acid (ND)



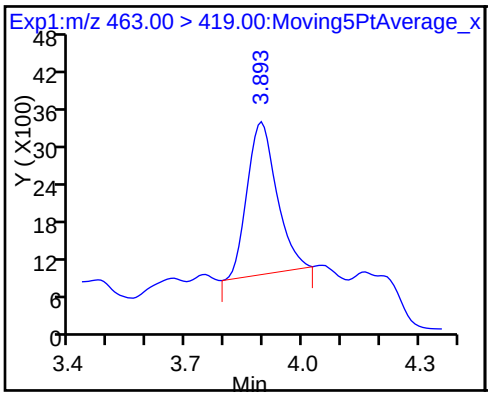
17 Perfluorooctane sulfonic acid (ND)



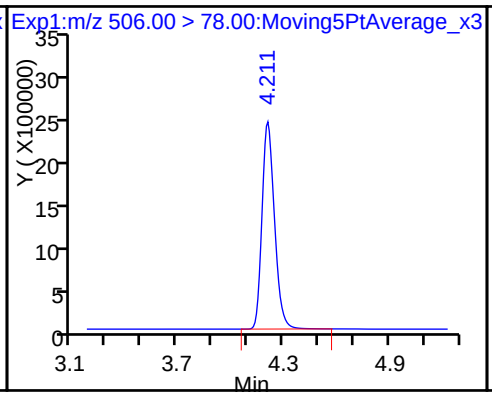
D 19 13C5 PFNA



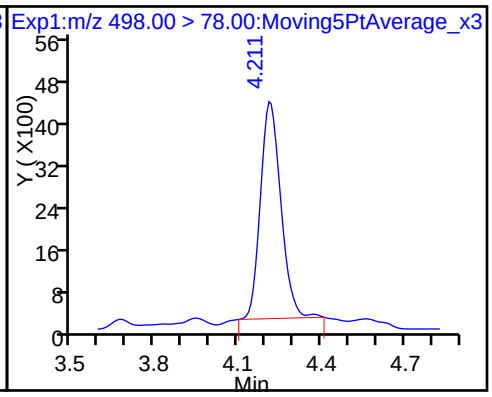
20 Perfluorononanoic acid



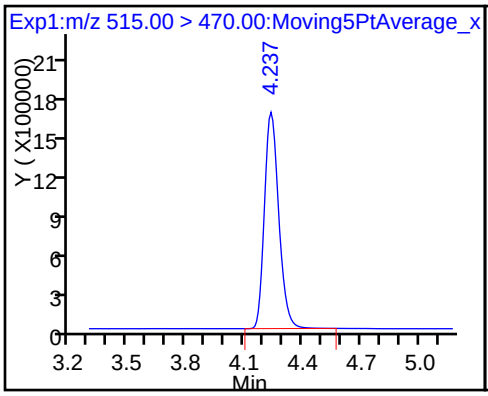
D 21 13C8 FOSA



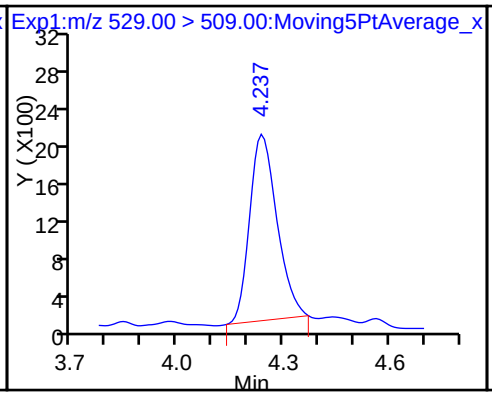
22 Perfluorooctane Sulfonamide



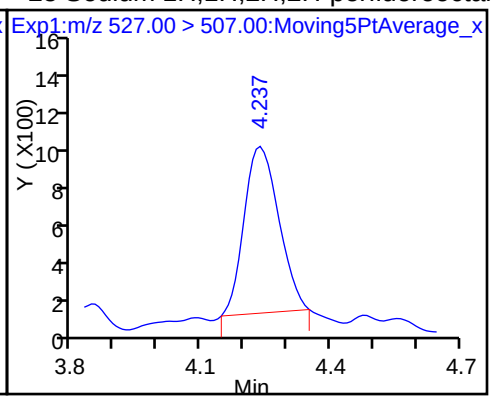
D 23 13C2 PFDA



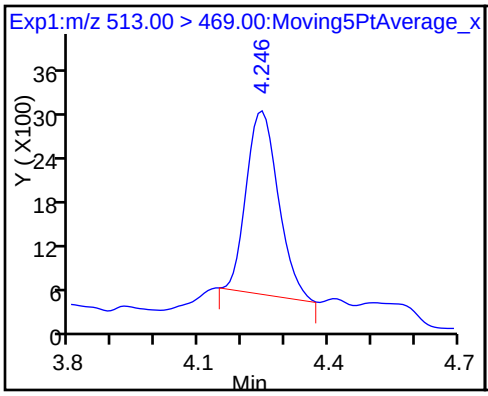
D 26 M2-8:2FTS



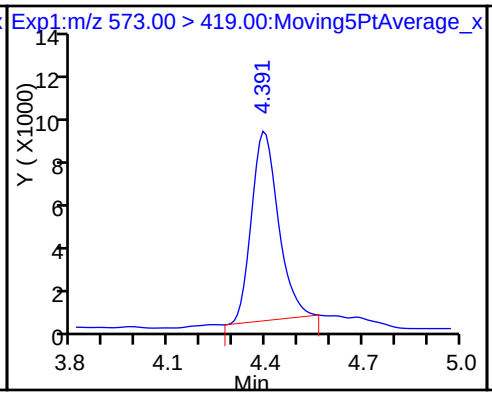
25 Sodium 1H,1H,2H,2H-perfluorooctane



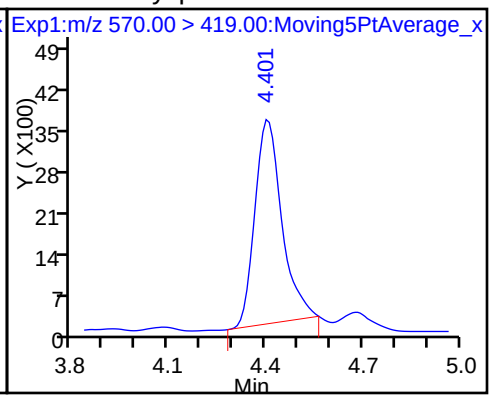
24 Perfluorodecanoic acid



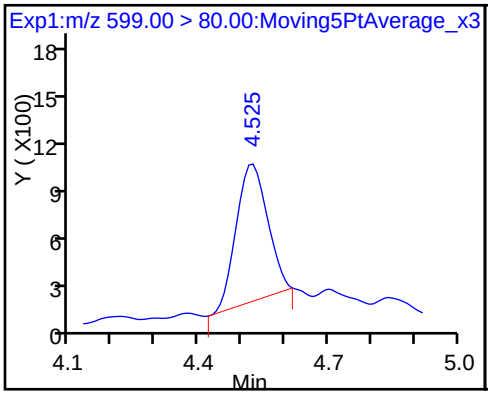
D 27 d3-NMeFOSAA



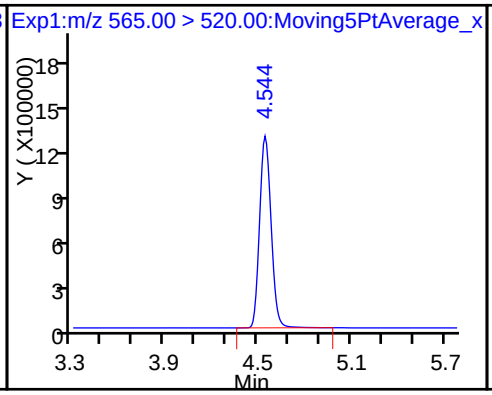
28 N-methyl perfluorooctane sulfonami



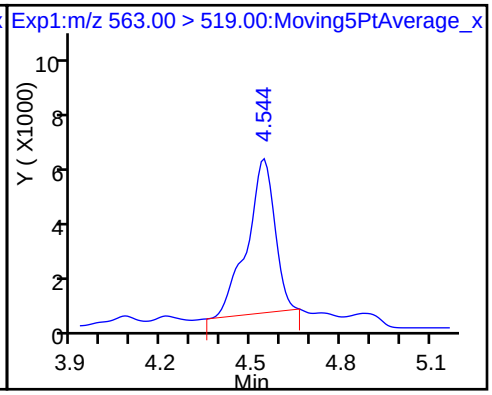
29 Perfluorodecane Sulfonic acid



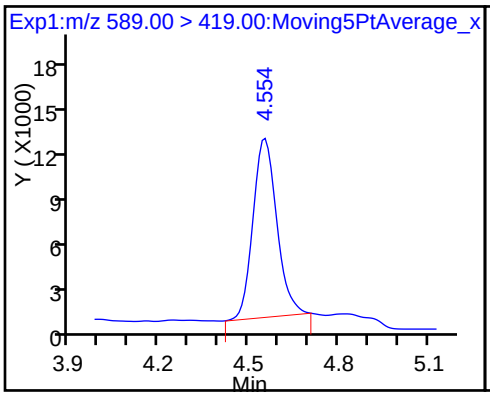
D 30 13C2 PFUnA



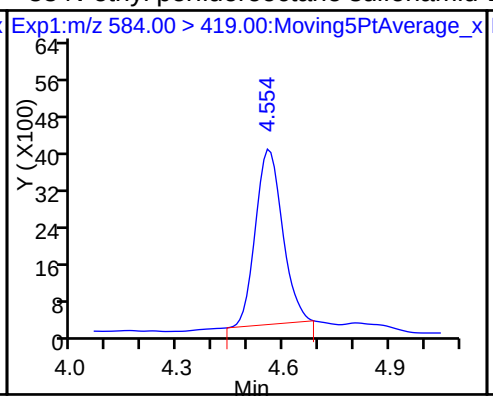
31 Perfluoroundecanoic acid



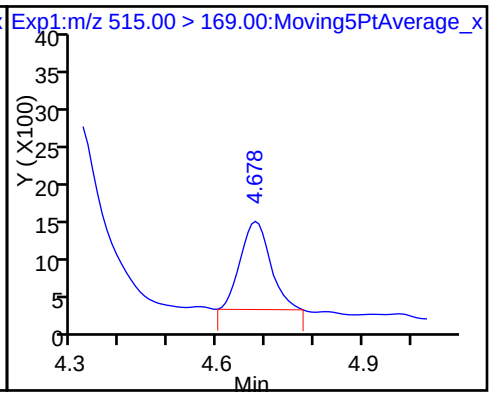
D 32 d5-NEtFOSAA



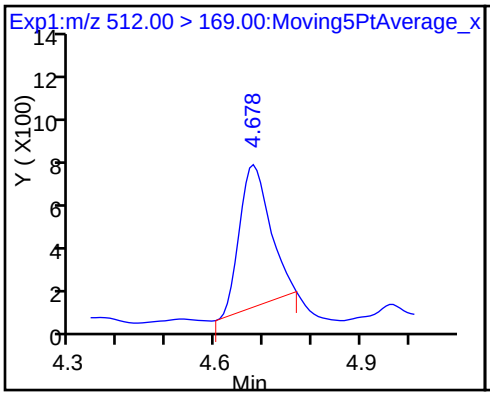
33 N-ethyl perfluorooctane sulfonamid



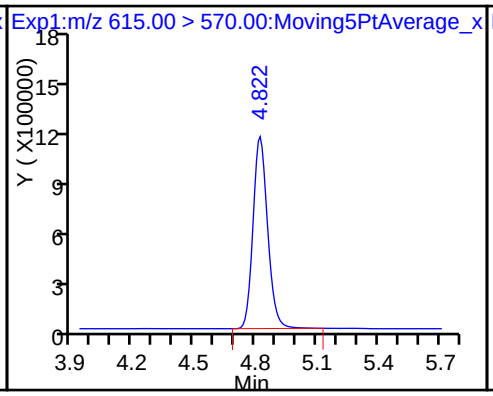
D 34 d-N-MeFOSA-M



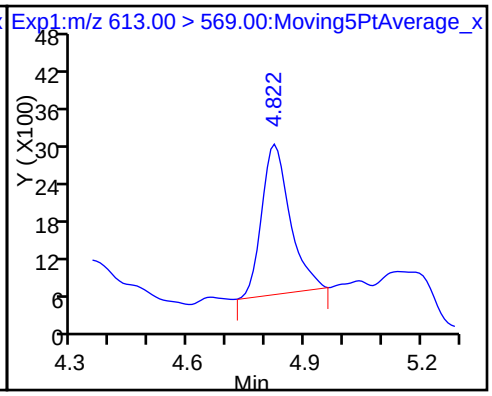
35 MeFOSA



D 36 13C2 PFDoA



37 Perfluorododecanoic acid



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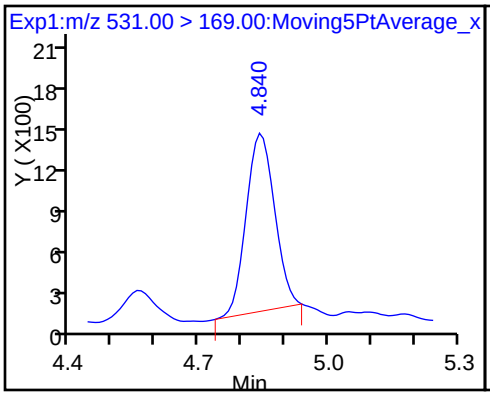
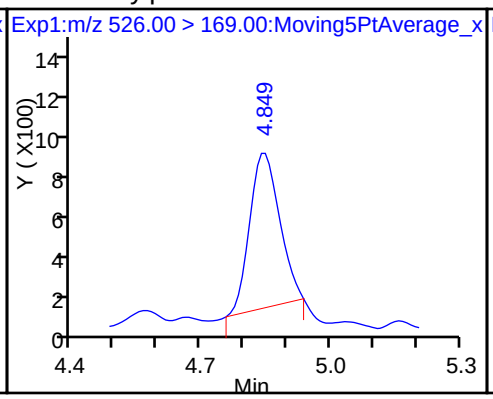
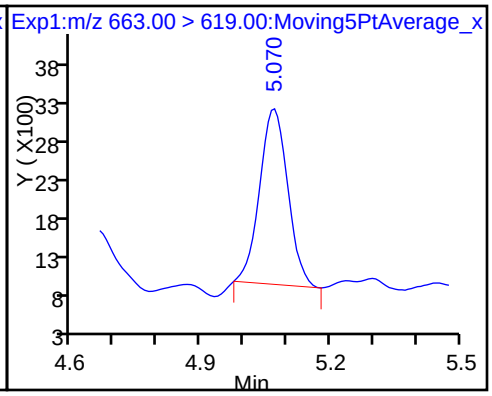


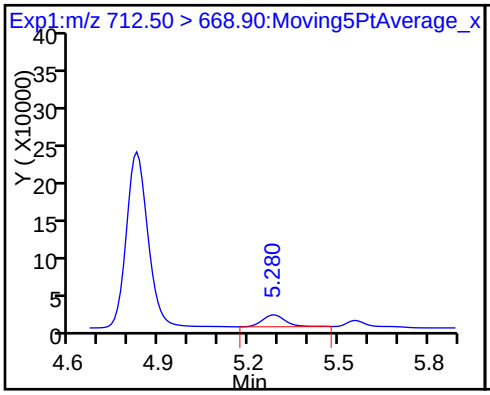
39 N-ethylperfluoro-1-octanesulfonami



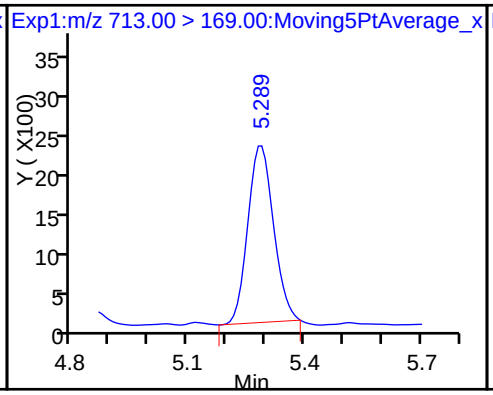
41 Perfluorotridecanoic acid



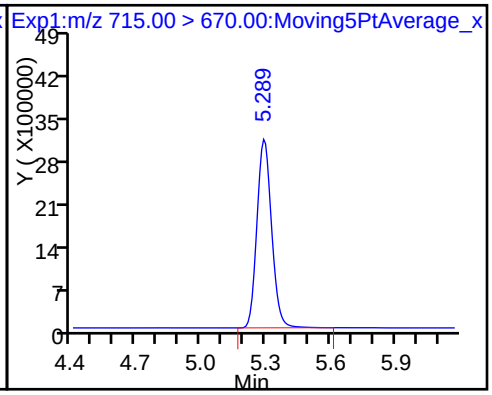
42 Perfluorotetradecanoic acid



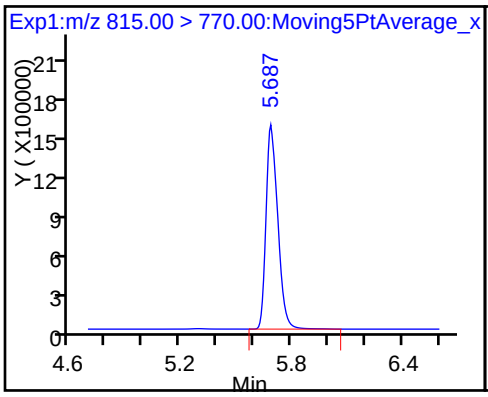
42 Perfluorotetradecanoic acid



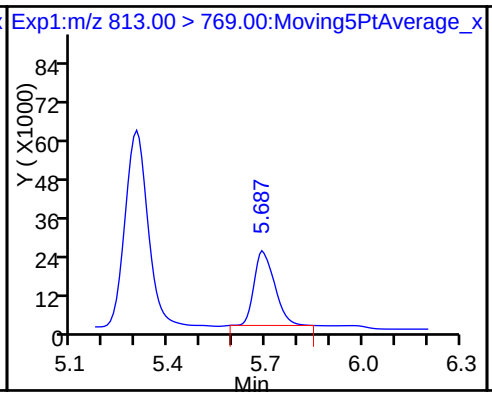
D 43 13C2-PFTeDA



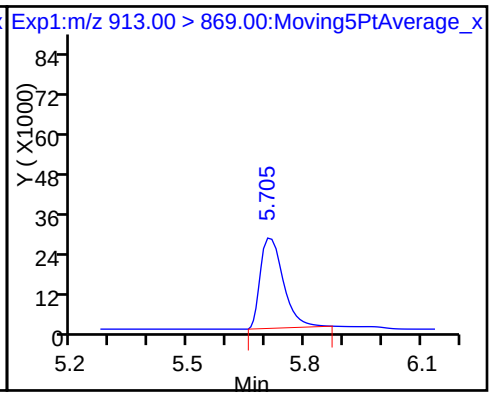
D 44 13C2-PFHxDA



45 Perfluorohexadecanoic acid



46 Perfluorooctadecanoic acid



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 320-165098/1-A
Matrix: Solid
Lab File ID: 2017.05.25C_037.d
Analysis Method: 537 (Modified)
Date Collected:
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.00(g)
Date Analyzed: 05/25/2017 21:53
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.30	U	0.50	0.30	0.10
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.30	U	0.50	0.30	0.13
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.30	U	0.40	0.30	0.10

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	96		25-150
STL00991	13C4 PFOS	82		25-150
STL00994	18O2 PFHxS	84		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_037.d
Lims ID: MB 320-165098/1-A
Client ID:
Sample Type: MB
Inject. Date: 25-May-2017 21:53:57 ALS Bottle#: 1 Worklist Smp#: 2
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: mb 320-165098/1-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:23 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:23:03

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.944	1.937	0.007		16665383	44.7		89.4	253963	
2 Perfluorobutyric acid										
212.90 > 169.00	1.944	1.945	-0.001	1.000	145340	0.4346			34.6	
D 3 13C5-PFPeA										
267.90 > 223.00	2.290	2.290	0.0		11776890	47.8		95.6	65354	
D 47 13C3-PFBS										
301.90 > 83.00	2.329	2.319	0.010		269256	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.329	2.329	0.0	1.000	5608	0.0131				
298.90 > 99.00	2.329	2.329	0.0	1.000	4559		1.23(0.00-0.00)			
D 7 13C2 PFHxA										
315.00 > 270.00	2.660	2.653	0.007		10809854	44.2		88.4	329935	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.660	2.663	-0.003	1.000	9431	0.0421			10.1	
D 9 13C4-PFHpA										
367.00 > 322.00	3.056	3.042	0.014		11967026	53.5		107	67751	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.056	3.050	0.006	1.000	7234	0.0276			6.8	
D 11 18O2 PFHxS										
403.00 > 84.00	3.064	3.058	0.006		12796580	39.7		84.0	46973	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.064	3.058	0.006	1.000	43741	0.1336				
D 12 M2-6:2FTS										
429.00 > 409.00	3.426	3.427	-0.001		9493	0.0723		0.0		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.426	3.427	-0.001	1.000	142621	NR				
* 62 13C2-PFOA										
415.00 > 370.00	3.443	3.435	0.008		13177	49.5				

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.451	3.435	0.016	1.000	5461	0.0209				
D 14 13C4 PFOA										
417.00 > 372.00	3.451	3.444	0.007		10922241	48.1		96.3	75206	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.451	3.444	0.007	1.000	6383	0.0260			1.2	
413.00 > 169.00	3.451	3.444	0.007	1.000	9685		0.66(0.90-1.10)		37.5	
D 18 13C4 PFOS										
503.00 > 80.00	3.816	3.812	0.004		9162707	39.0		81.7	22628	
D 19 13C5 PFNA										
468.00 > 423.00	3.833	3.821	0.012		8748970	50.1		100	38228	
20 Perfluorononanoic acid										
463.00 > 419.00	3.833	3.821	0.012	1.000	5631	0.0296			6.2	
D 21 13C8 FOSA										
506.00 > 78.00	4.147	4.145	0.002		5543097	15.1		30.1	16998	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.155	4.145	0.010	1.000	9828	0.0846			88.7	
D 26 M2-8:2FTS										
529.00 > 509.00	4.180	4.171	0.009		6659	0.0669		0.0		
25 Sodium 1H,1H,2H,2H-perfluorooctane										
527.00 > 507.00	4.180	4.171	0.009	1.000	2929	NR				
24 Perfluorodecanoic acid										
513.00 > 469.00	4.180	4.171	0.009	1.000	8846	0.0574			26.3	
D 23 13C2 PFDA										
515.00 > 470.00	4.180	4.171	0.009		7571681	50.6		101	18921	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.337	4.328	0.009		24864	0.3767		0.0		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.347	4.339	0.008	1.002	12329	NR				
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.467	4.458	0.009	1.000	2404	0.0181				
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.496	4.487	0.009		32527	0.5061		0.0		
D 30 13C2 PFUnA										
565.00 > 520.00	4.486	4.487	-0.001		4999475	44.5		89.1	27560	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.496	4.487	0.009	1.000	19865	0.1692			43.8	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.506	4.487	0.019	1.002	13702	NR				
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.617	4.611	0.006		3333	0.0337		0.0		
D 36 13C2 PFDoA										
615.00 > 570.00	4.772	4.764	0.008		4503244	41.4		82.7	6867	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.772	4.764	0.008	1.000	6926	0.0758			7.1	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.790	4.773	0.017		2805	0.0292		0.0		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.025	5.010	0.015	1.000	4598	0.0508			0.6	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.241	5.234	0.007		10127836	47.0		94.1	15350	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.226	5.234	-0.008	1.000	94942	0.4451			2.5	
713.00 > 169.00	5.241	5.234	0.007	1.003	6353		14.94(0.00-0.00)		50.0	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.644	5.635	0.009		3661799	30.5		60.9	2319	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.644	5.635	0.009	1.000	55639	-0.0832			4.0	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.031	6.021	0.010	1.000	13874	0.1222			0.9	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

NC - Not Calibrated

Report Date: 26-May-2017 14:32:27 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_037.d

Injection Date: 25-May-2017 21:53:57 Instrument ID: A8_N

Lims ID: MB 320-165098/1-A

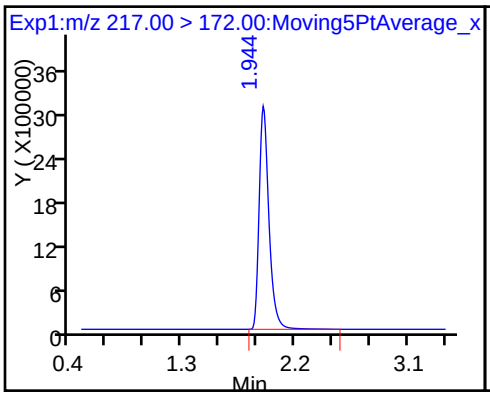
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 1 Worklist Smp#: 2

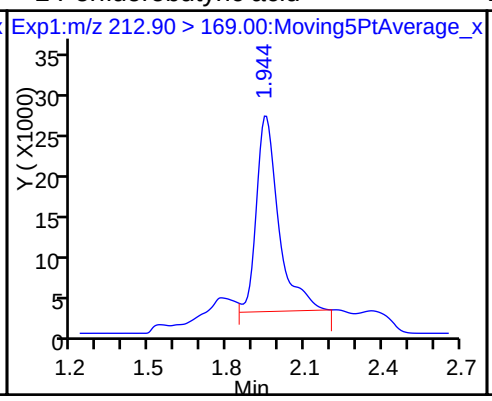
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

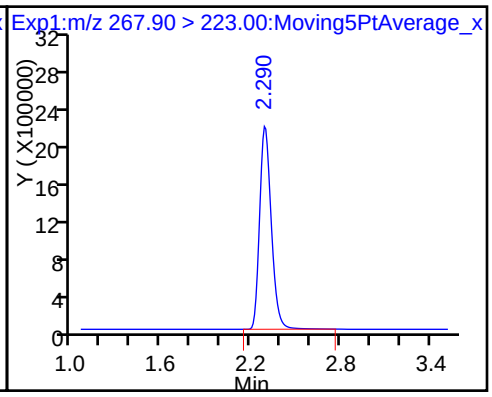
D 1 13C4 PFBA



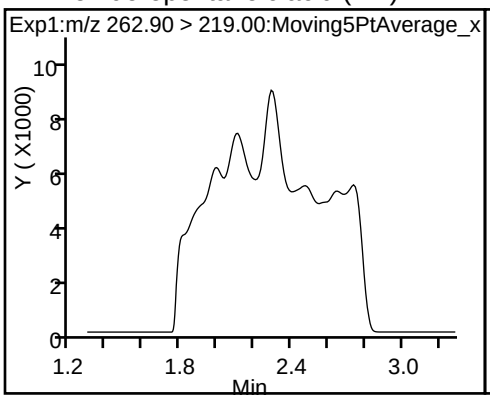
2 Perfluorobutyric acid



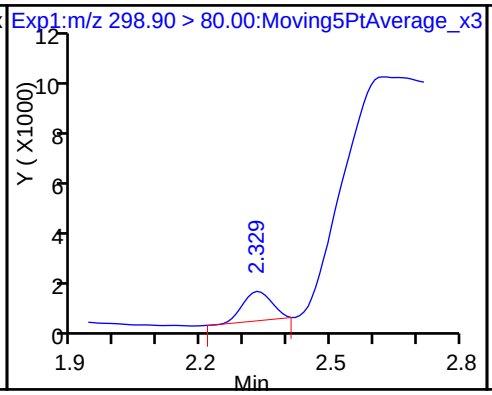
D 3 13C5-PFPeA



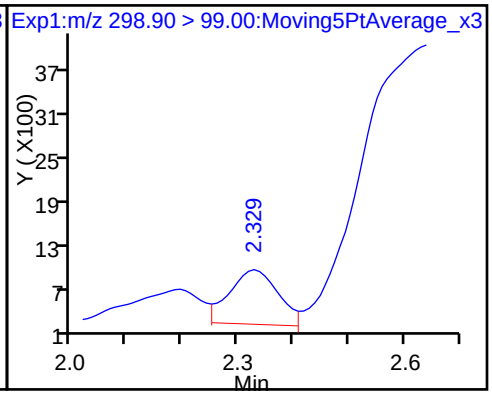
4 Perfluoropentanoic acid (ND)



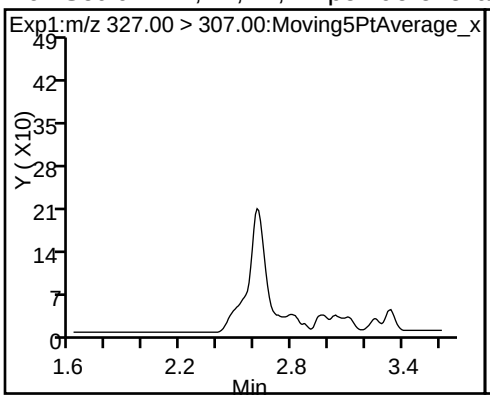
5 Perfluorobutanesulfonic acid



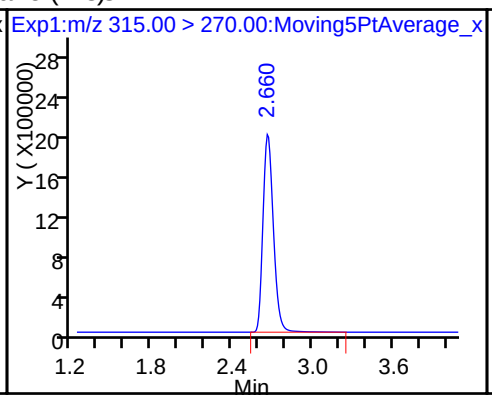
5 Perfluorobutanesulfonic acid



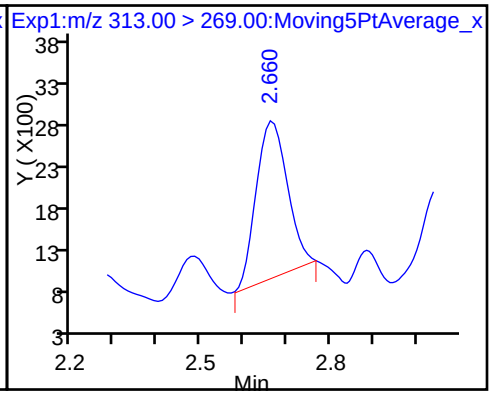
61 Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (ND)



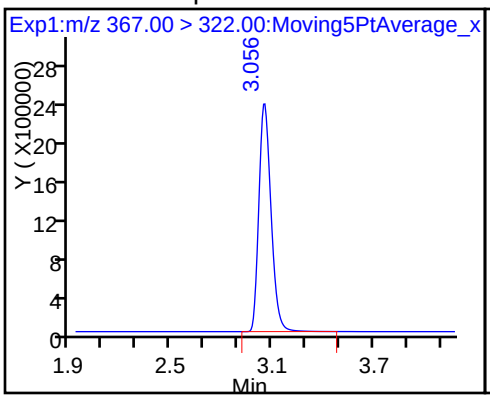
D 7 13C2 PFHxA



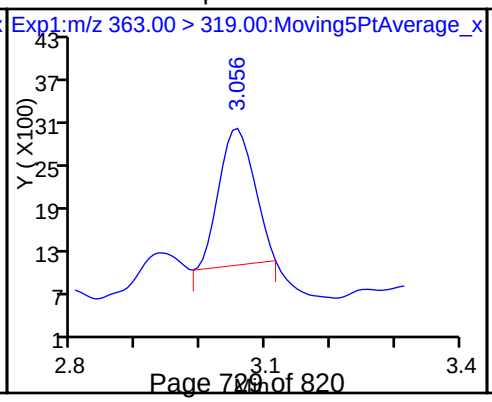
6 Perfluorohexanoic acid



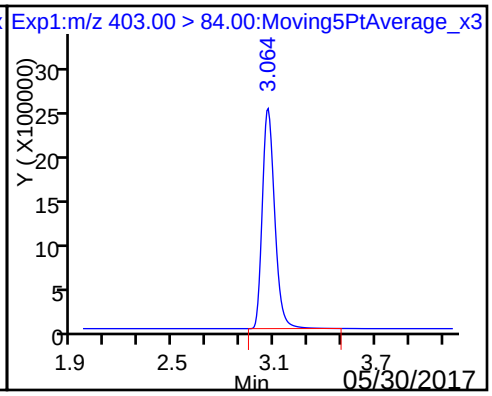
D 9 13C4-PFHpA



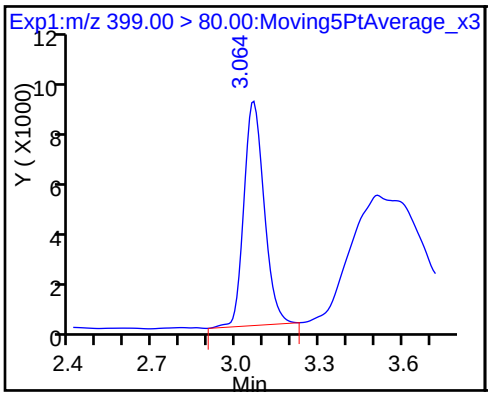
10 Perfluoroheptanoic acid



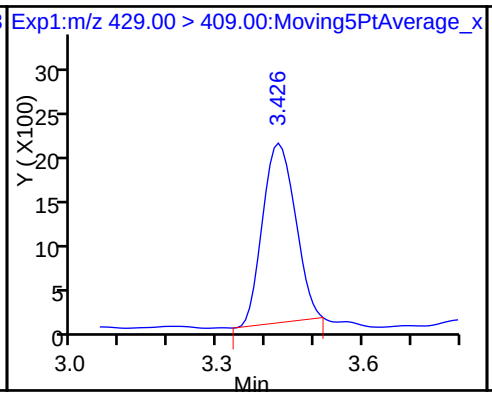
D 11 18O2 PFHxS



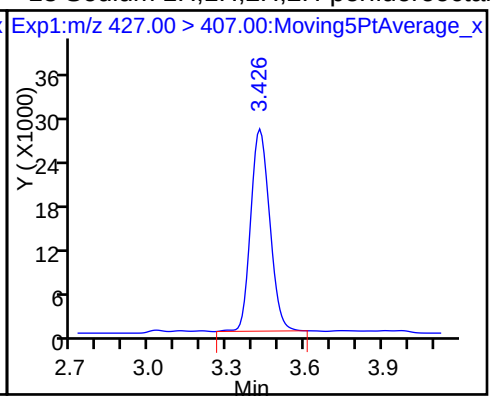
8 Perfluorohexanesulfonic acid



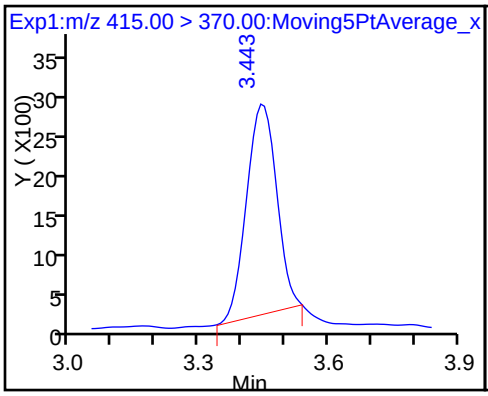
D 12 M2-6:2FTS



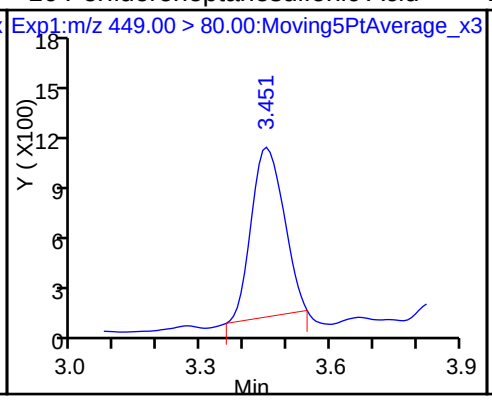
13 Sodium 1H,1H,2H,2H-perfluorooctane



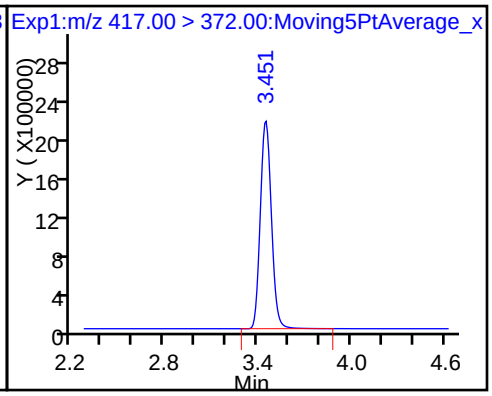
* 62 13C2-PFOA



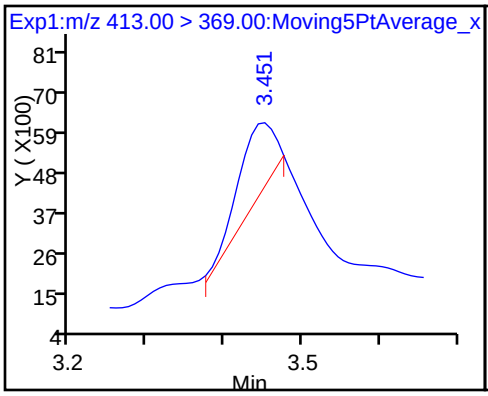
16 Perfluoroheptanesulfonic Acid



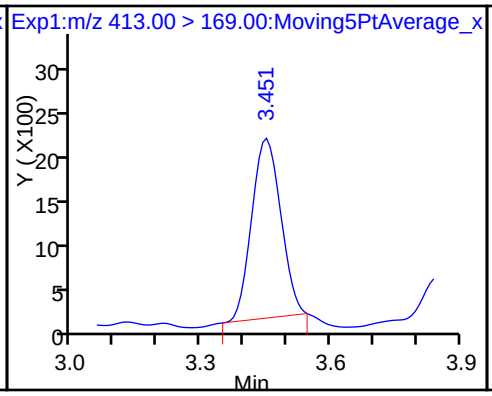
D 14 13C4 PFOA



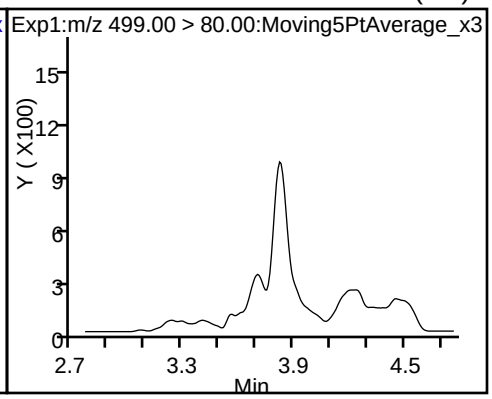
15 Perfluorooctanoic acid



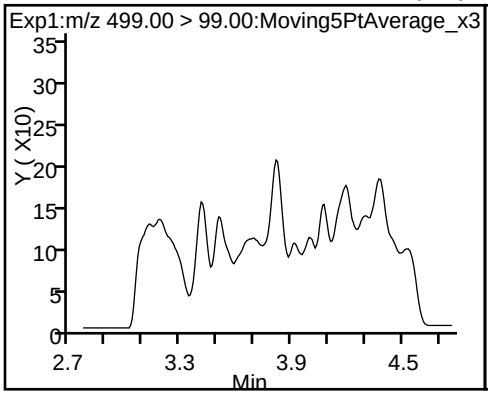
15 Perfluorooctanoic acid



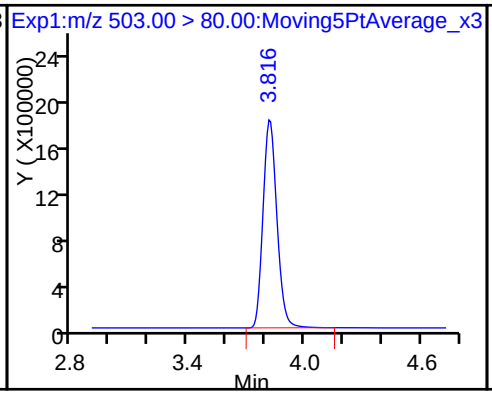
17 Perfluorooctane sulfonic acid (ND)



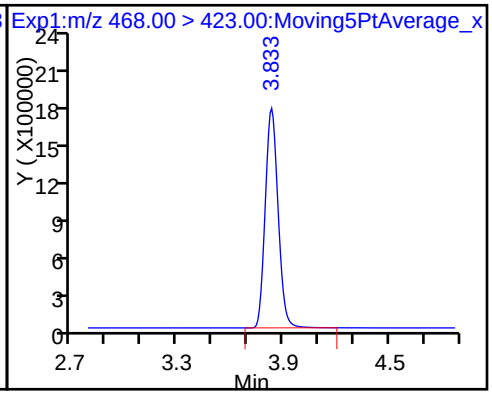
17 Perfluorooctane sulfonic acid (ND)



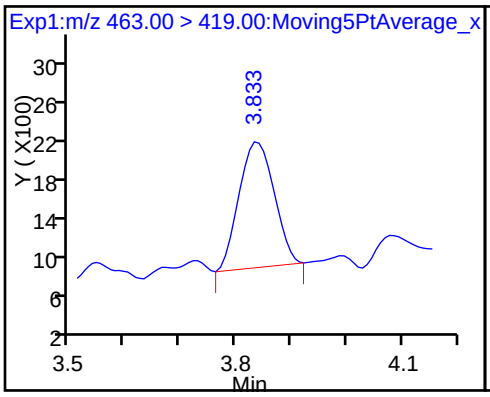
D 18 13C4 PFOS



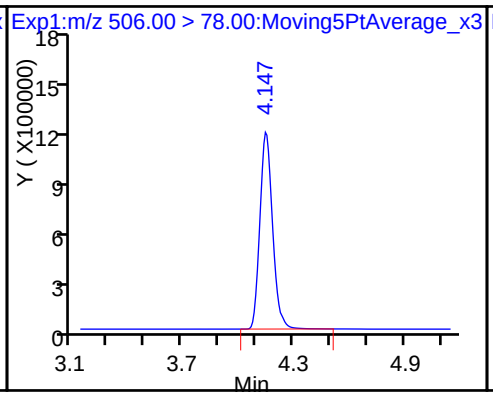
D 19 13C5 PFNA



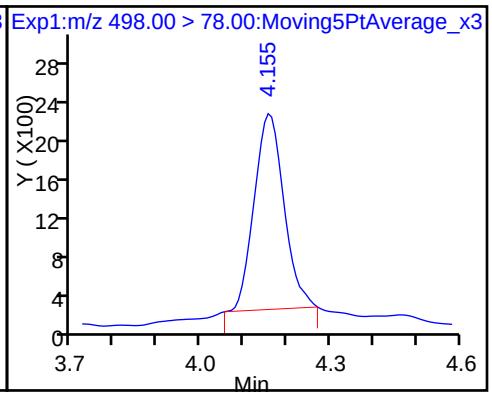
20 Perfluorononanoic acid



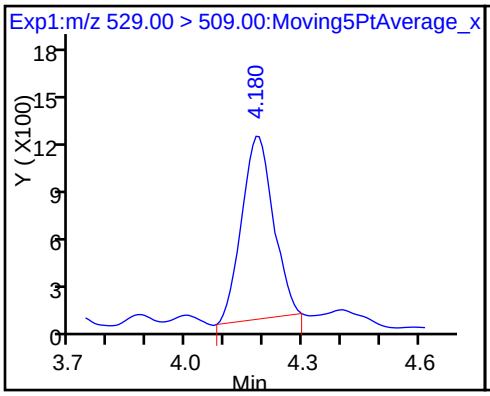
D 21 13C8 FOSA



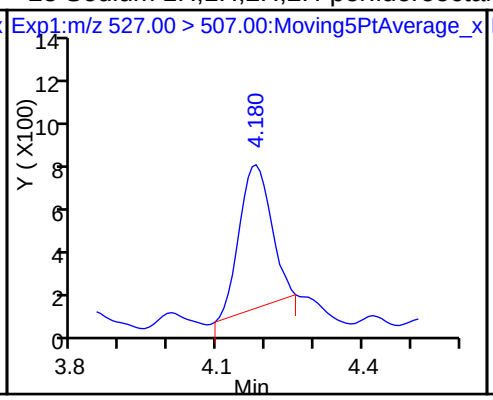
22 Perfluorooctane Sulfonamide



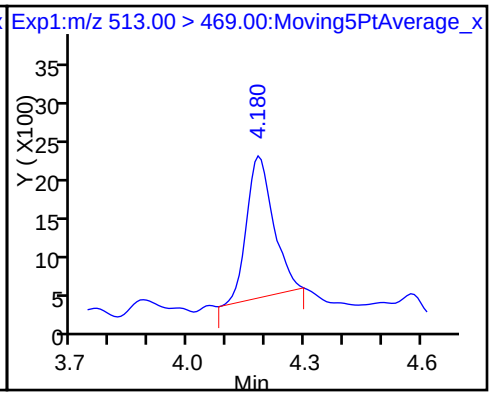
D 26 M2-8:2FTS



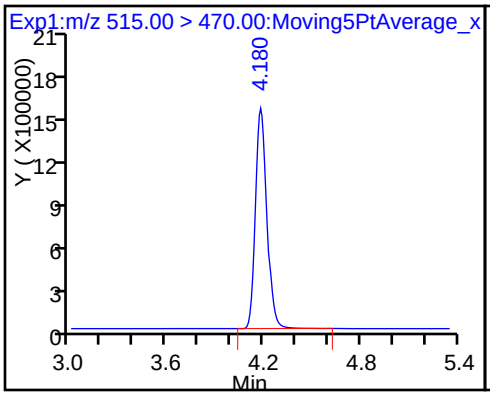
25 Sodium 1H,1H,2H,2H-perfluorooctane



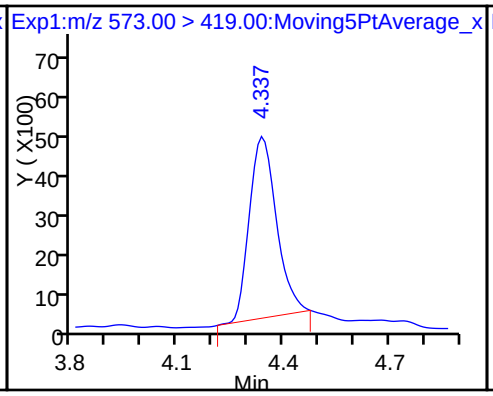
24 Perfluorodecanoic acid



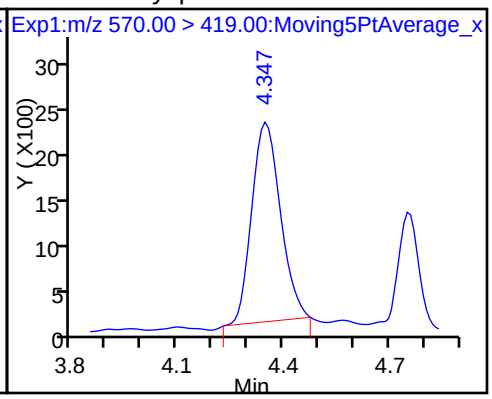
D 23 13C2 PFDA



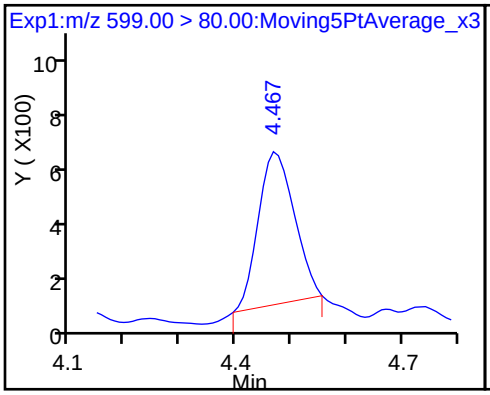
D 27 d3-NMeFOSAA



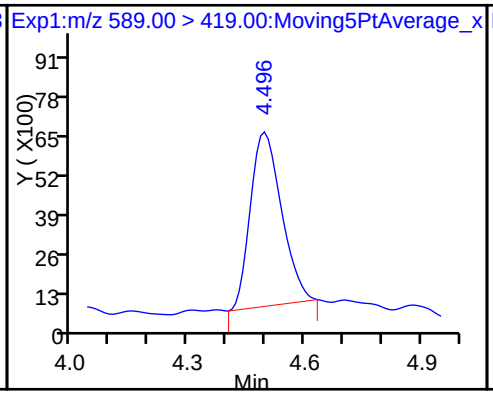
28 N-methyl perfluorooctane sulfonami



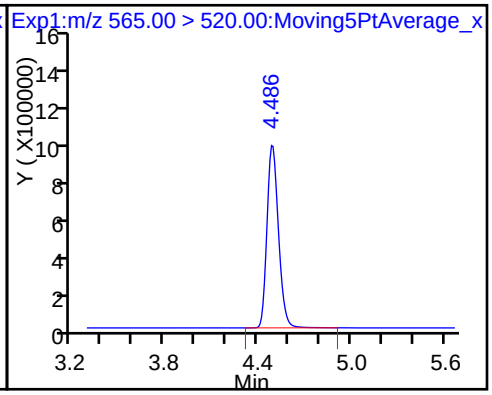
29 Perfluorodecane Sulfonic acid



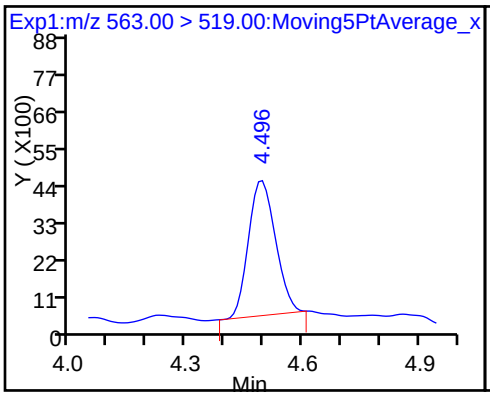
D 32 d5-NEtFOSAA



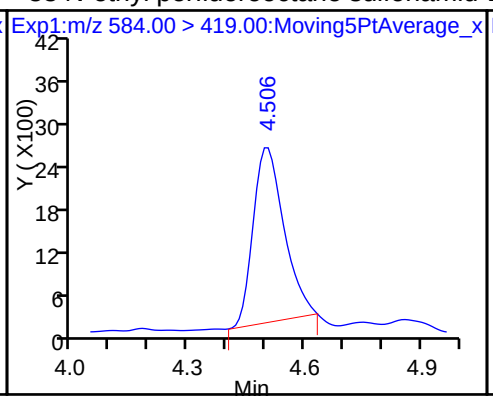
D 30 13C2 PFUnA



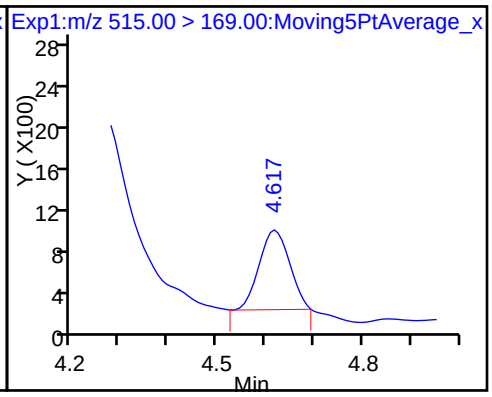
31 Perfluoroundecanoic acid



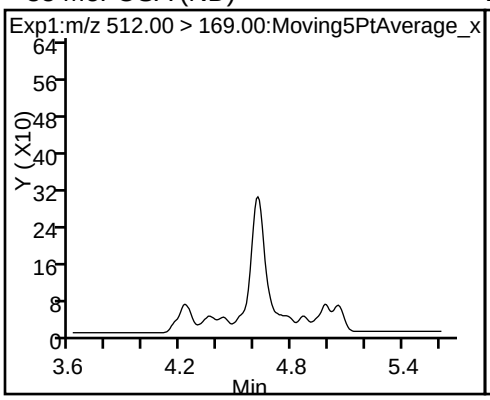
33 N-ethyl perfluorooctane sulfonamid



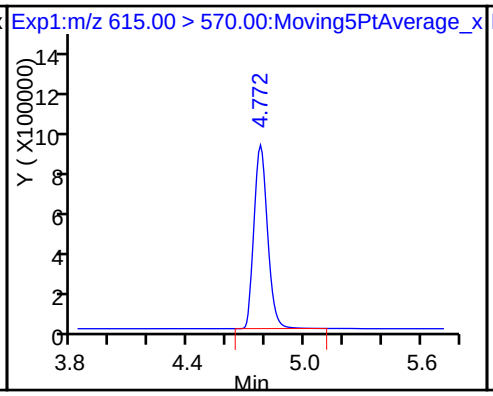
D 34 d-N-MeFOSA-M



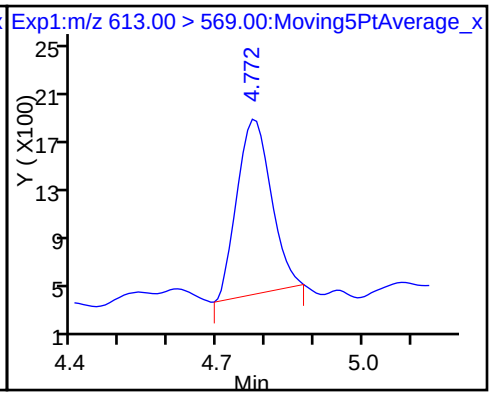
35 MeFOSA (ND)



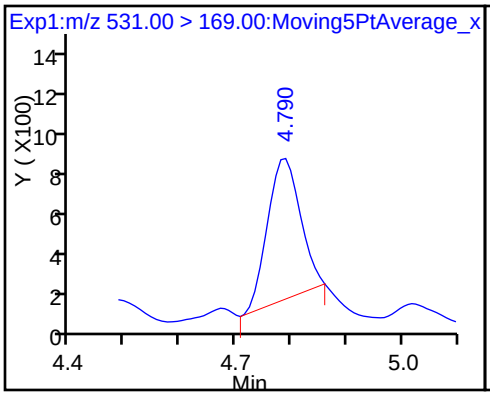
D 36 13C2 PFDoA



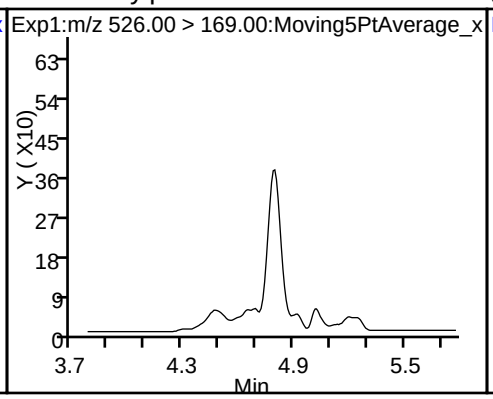
37 Perfluorododecanoic acid



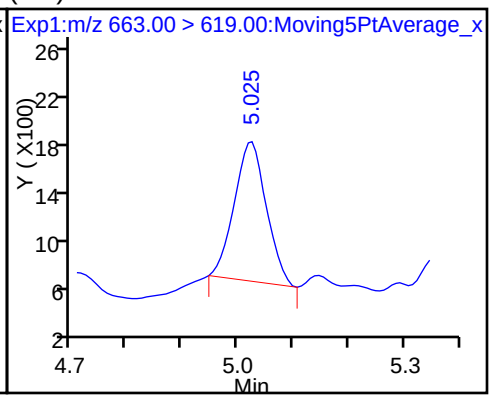
D 38 d-N-EtFOSA-M



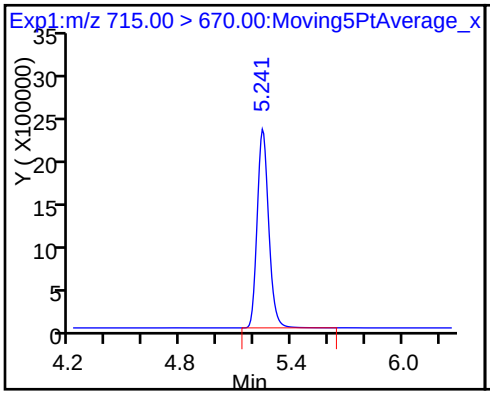
39 N-ethylperfluoro-1-octanesulfonami (ND)



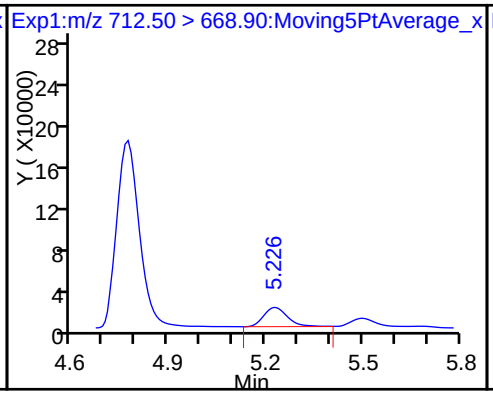
41 Perfluorotridecanoic acid



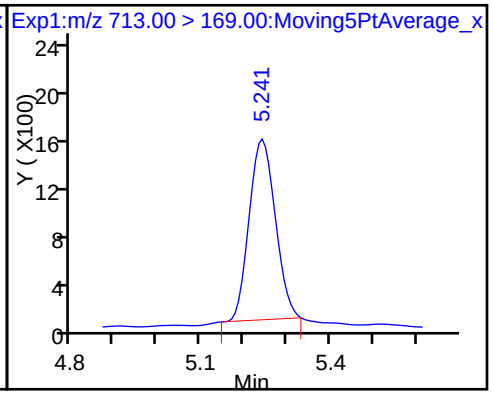
D 43 13C2-PFTeDA



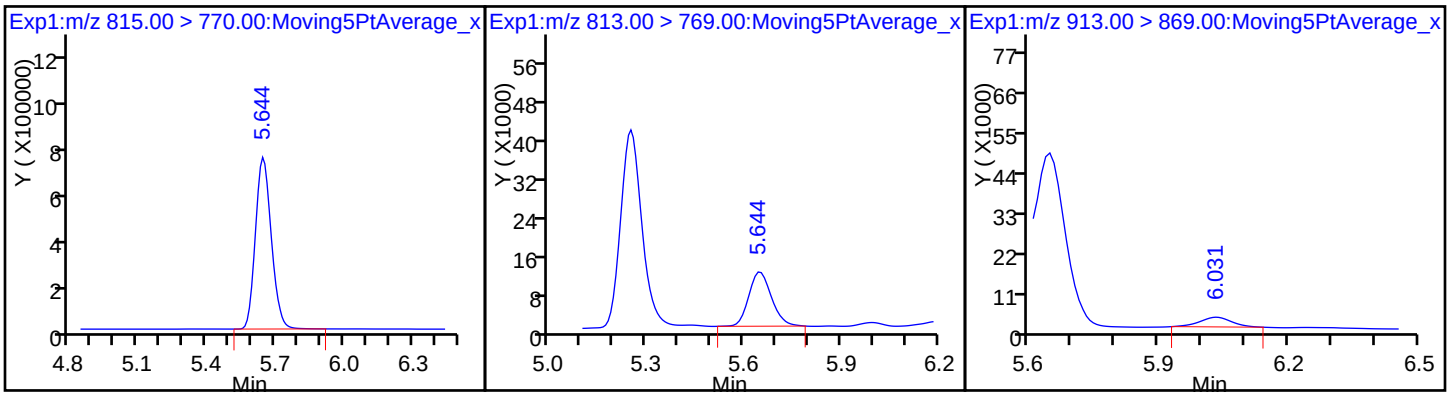
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 320-164983/2-A
Matrix: Water
Lab File ID: 2017.05.18D_003.d
Analysis Method: 537 (Modified)
Date Collected:
Extraction Method: 3535
Date Extracted: 05/17/2017 14:18
Sample wt/vol: 250.00(mL)
Date Analyzed: 05/19/2017 06:59
Con. Extract Vol.: 0.50(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 165301
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	37.8		2.5	2.0	0.75
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	34.2		4.0	3.0	1.3
375-73-5	Perfluorobutanesulfonic acid (PFBS)	36.5		2.5	2.0	0.92

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	117		25-150
STL00991	13C4 PFOS	106		25-150
STL00994	18O2 PFHxS	102		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_003.d
Lims ID: LCS 320-164983/2-A
Client ID:
Sample Type: LCS
Inject. Date: 19-May-2017 06:59:09 ALS Bottle#: 15 Worklist Smp#: 3
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: lcs 320-164983/2-a
Misc. Info.: Plate: 1 Rack: 3
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 14:09:14 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK011

First Level Reviewer: chandrasenas Date: 19-May-2017 13:39:42

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.993	2.009	-0.016		19150330	53.2		106	122856	
2 Perfluorobutyric acid										
212.90 > 169.00	1.993	2.009	-0.016	1.000	7776910	20.2		101	1465	
D 3 13C5-PFPeA										
267.90 > 223.00	2.349	2.358	-0.009		13106192	52.7		105	139391	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.349	2.358	-0.009	1.000	5373043	18.6		93.2	1075	
D 47 13C3-PFBS										
301.90 > 83.00	2.389	2.398	-0.009		315248	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.389	2.398	-0.009	1.000	9016895	18.3		103		
298.90 > 99.00	2.389	2.398	-0.009	1.000	3570378		2.53(0.00-0.00)			
D 7 13C2 PFHxA										
315.00 > 270.00	2.725	2.732	-0.007		12473084	51.2		102	37963	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.725	2.742	-0.017	1.000	4943682	19.2		96.2	7844	
D 9 13C4-PFHpA										
367.00 > 322.00	3.115	3.130	-0.015		12113985	57.2		114	106359	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.115	3.130	-0.015	1.000	5125659	18.9		94.5	2038	
D 11 18O2 PFHxS										
403.00 > 84.00	3.124	3.138	-0.014		14644721	48.1		102	269380	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.124	3.138	-0.014	1.000	6475089	17.8		97.6		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.509	3.524	-0.015	1.000	6288426	20.1		106		
D 14 13C4 PFOA										
417.00 > 372.00	3.509	3.531	-0.022		12464615	58.6		117	48675	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
15 Perfluorooctanoic acid										
413.00 > 369.00	3.516	3.531	-0.015	1.000	5416053	18.9		94.5	615	
413.00 > 169.00	3.509	3.531	-0.022	0.998	3143067		1.72(0.90-1.10)		7330	
D 18 13C4 PFOS										
503.00 > 80.00	3.877	3.890	-0.013		11567969	50.5		106	21867	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.877	3.890	-0.013	1.000	4935777	17.1		92.1	77538	
499.00 > 99.00	3.877	3.890	-0.013	1.000	1109094		4.45(0.90-1.10)		4606	
D 19 13C5 PFNA										
468.00 > 423.00	3.895	3.907	-0.012		9607757	57.2		114	38309	
20 Perfluorononanoic acid										
463.00 > 419.00	3.895	3.907	-0.012	1.000	4012666	19.5		97.6	5319	
D 21 13C8 FOSA										
506.00 > 78.00	4.207	4.221	-0.014		4814315	13.1		26.2	11406	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.215	4.221	-0.006	1.000	1879010	18.5		92.3	8591	
D 23 13C2 PFDA										
515.00 > 470.00	4.234	4.251	-0.017		8610212	59.6		119	9759	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.234	4.251	-0.017	1.000	3365317	19.1		95.5	9583	
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.523	4.535	-0.012	1.000	3083236	18.6		96.2		
D 30 13C2 PFUnA										
565.00 > 520.00	4.543	4.555	-0.012		6330539	62.2		124	9058	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.543	4.555	-0.012	1.000	2707117	18.2		90.8	7009	
D 36 13C2 PFDoA										
615.00 > 570.00	4.820	4.833	-0.013		5997571	59.8		120	6313	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.820	4.833	-0.013	1.000	2372220	19.5		97.5	228	
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.061	5.073	-0.012	1.000	2467244	20.1		101	165	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.284	5.301	-0.017	1.000	6116100	22.3		112	118	
713.00 > 169.00	5.284	5.301	-0.017	1.000	860468		7.11(0.00-0.00)		2318	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.284	5.301	-0.017		14787031	72.2		144	9221	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.683	5.693	-0.010		7281531	61.5		123	4487	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.683	5.693	-0.010	1.000	2815781	20.7		104	177	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.707	5.703	0.004	1.000	95669	6.19		31.0	114	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Report Date: 19-May-2017 14:09:20 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_003.d

Injection Date: 19-May-2017 06:59:09 Instrument ID: A8_N

Lims ID: LCS 320-164983/2-A

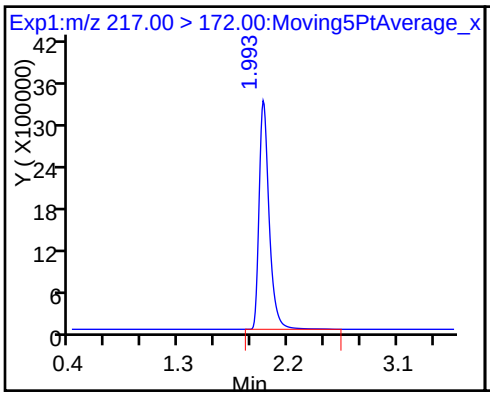
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 15 Worklist Smp#: 3

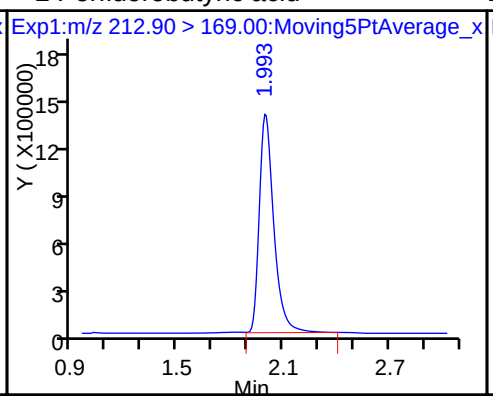
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

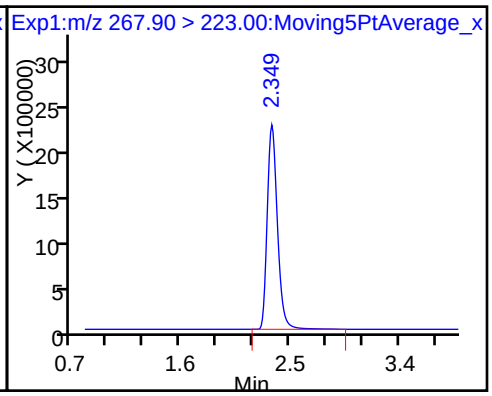
D 1 13C4 PFBA



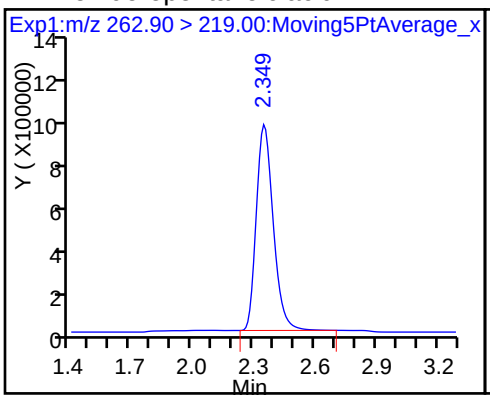
2 Perfluorobutyric acid



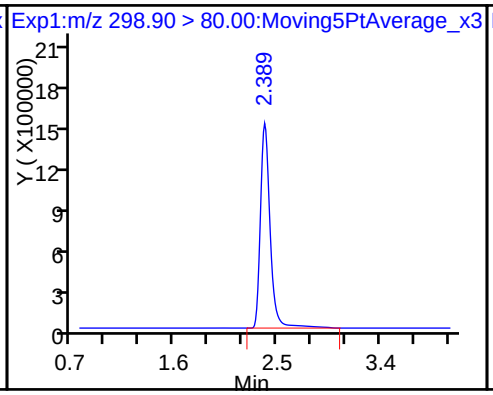
D 3 13C5-PFPeA



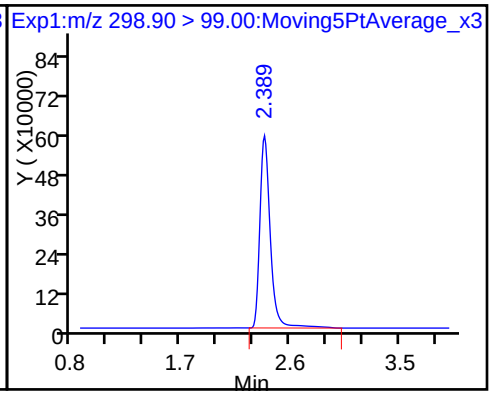
4 Perfluoropentanoic acid



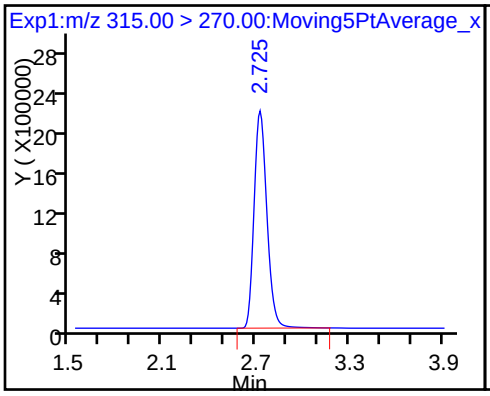
5 Perfluorobutanesulfonic acid



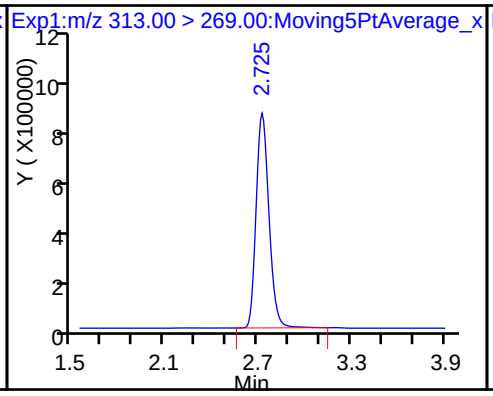
5 Perfluorobutanesulfonic acid



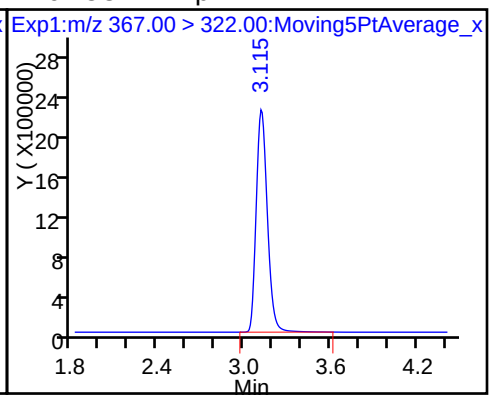
D 7 13C2 PFHxA



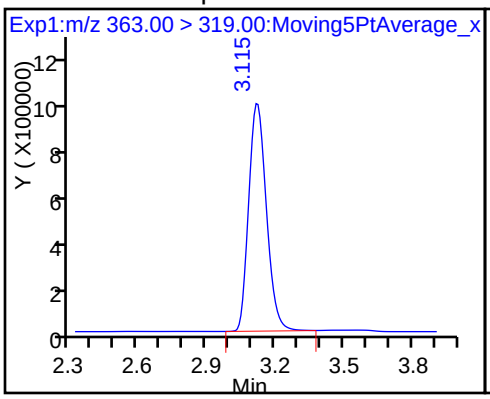
6 Perfluorohexanoic acid



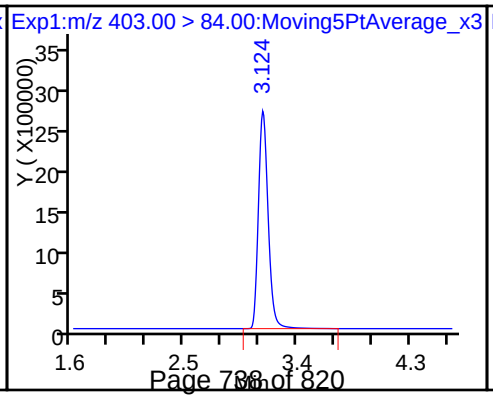
D 9 13C4-PFHpA



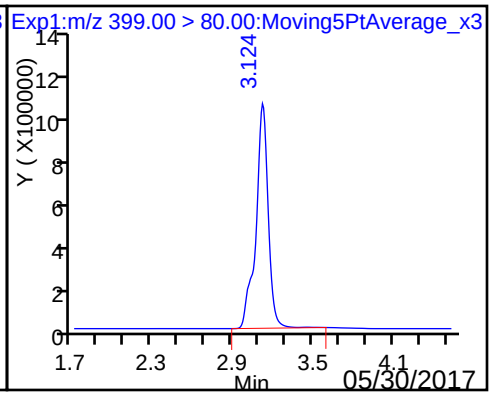
10 Perfluoroheptanoic acid



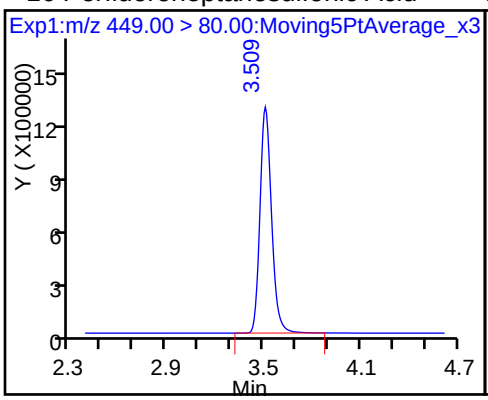
D 11 18O2 PFHxS



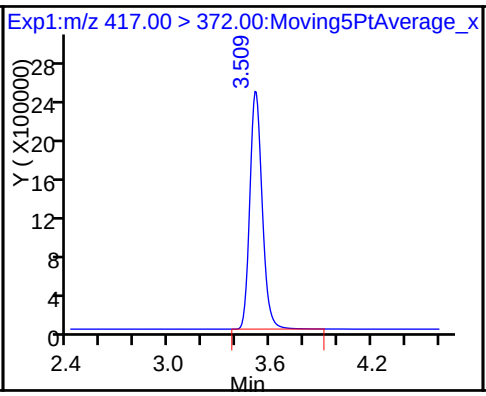
8 Perfluorohexanesulfonic acid



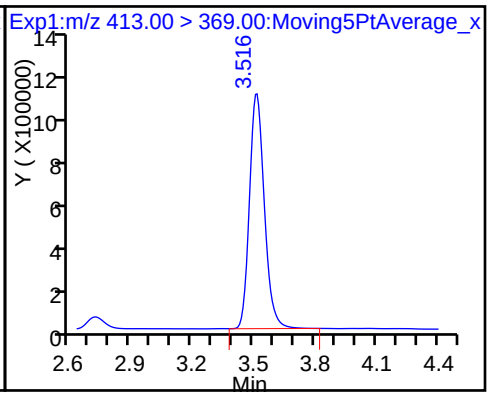
16 Perfluoroheptanesulfonic Acid



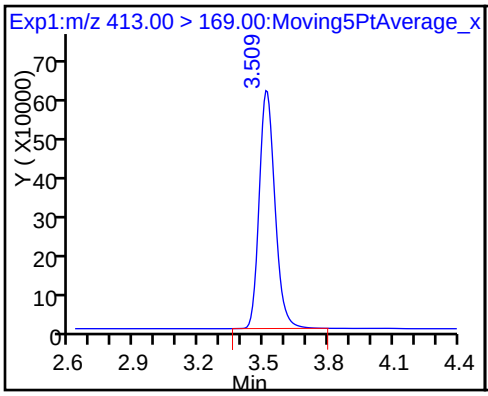
D 14 13C4 PFOA



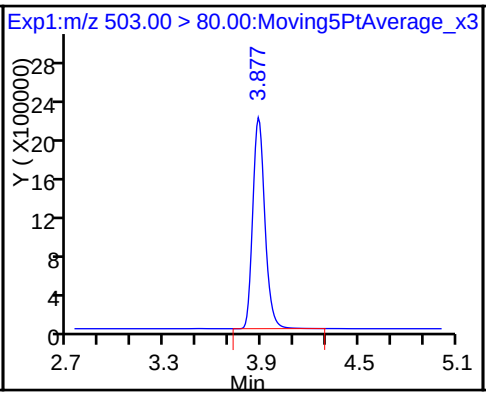
15 Perfluorooctanoic acid



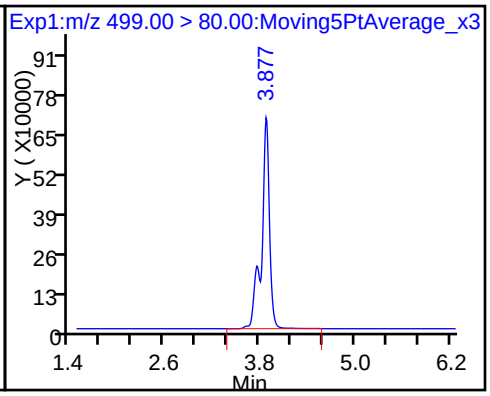
15 Perfluorooctanoic acid



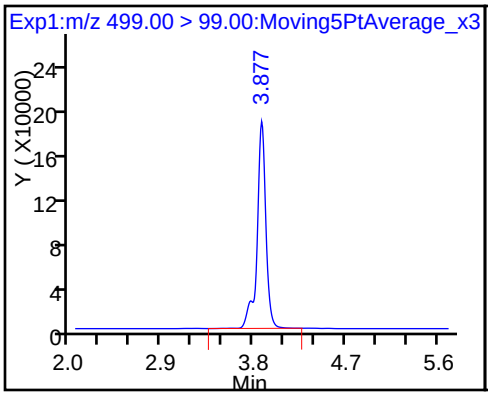
D 18 13C4 PFOS



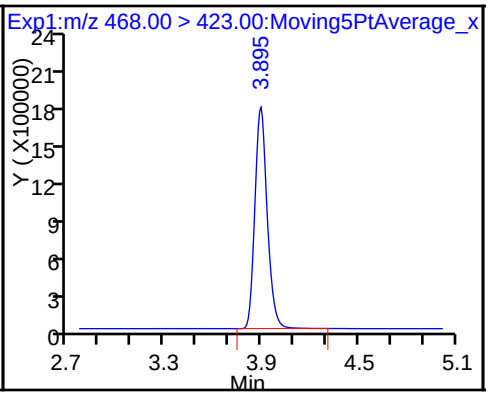
17 Perfluorooctane sulfonic acid



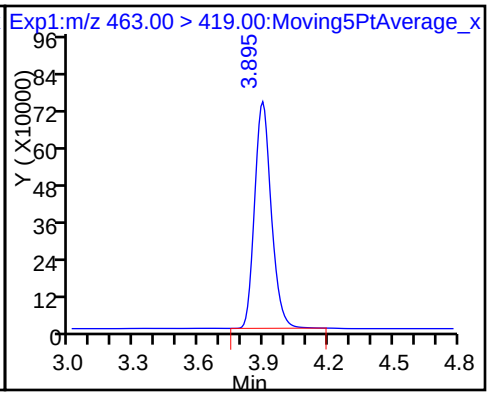
17 Perfluorooctane sulfonic acid



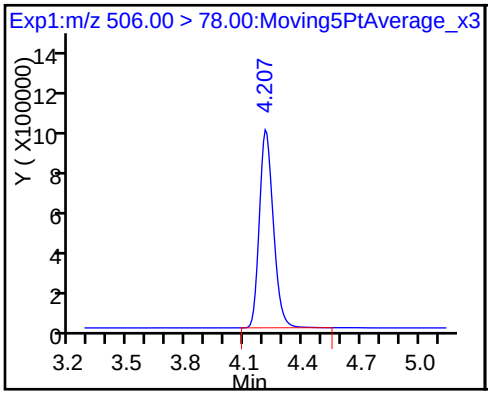
D 19 13C5 PFNA



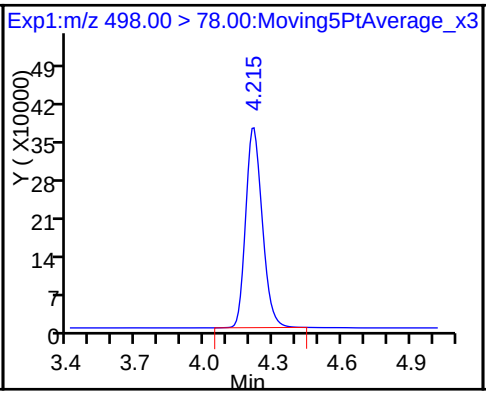
20 Perfluorononanoic acid



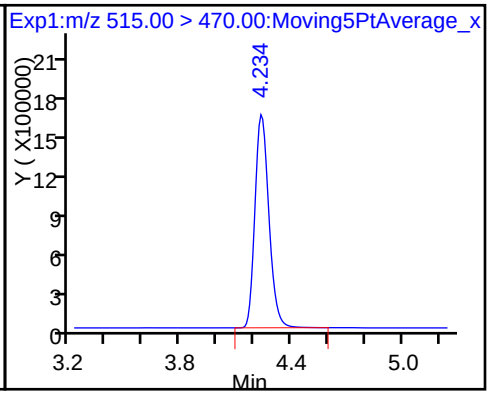
D 21 13C8 FOSA



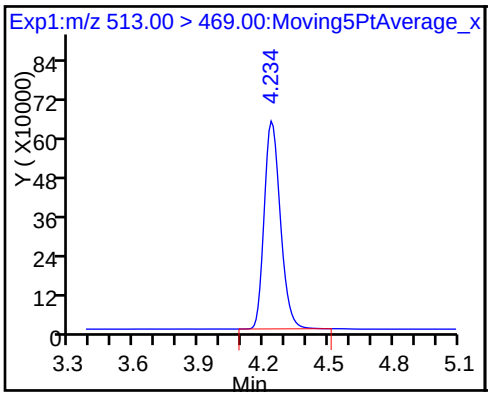
22 Perfluorooctane Sulfonamide



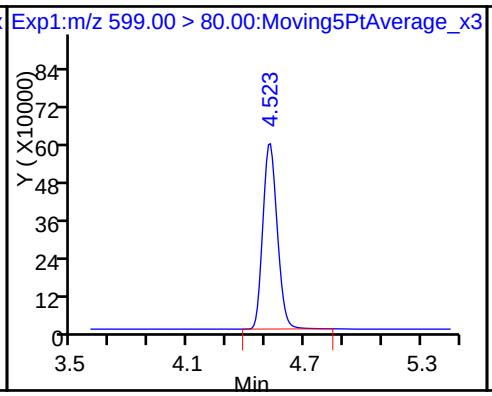
D 23 13C2 PFDA



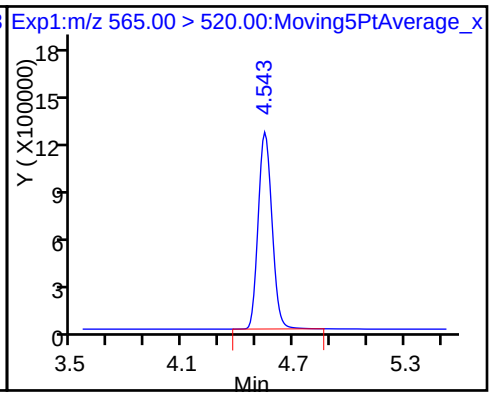
24 Perfluorodecanoic acid



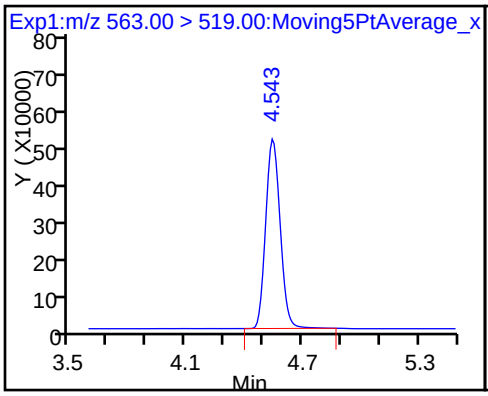
29 Perfluorodecane Sulfonic acid



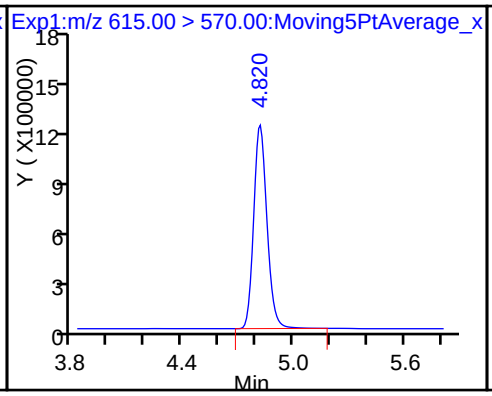
D 30 13C2 PFUnA



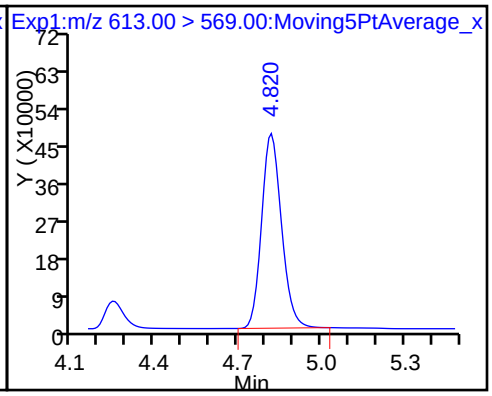
31 Perfluoroundecanoic acid



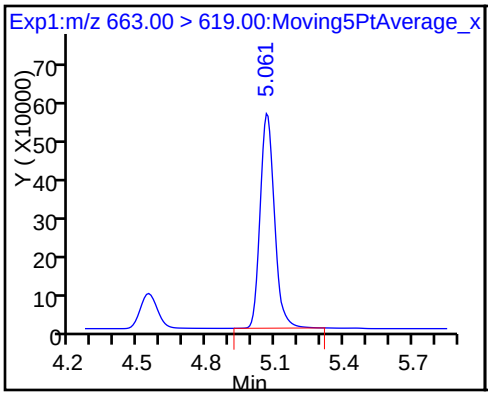
D 36 13C2 PFDoA



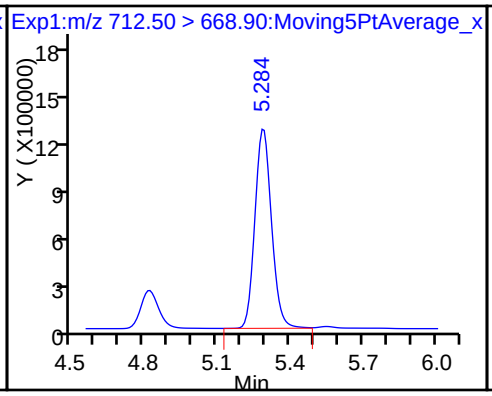
37 Perfluorododecanoic acid



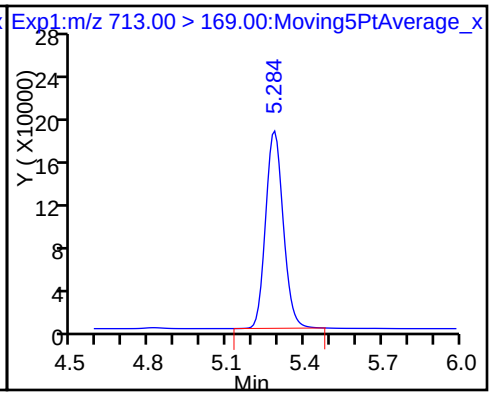
41 Perfluorotridecanoic acid



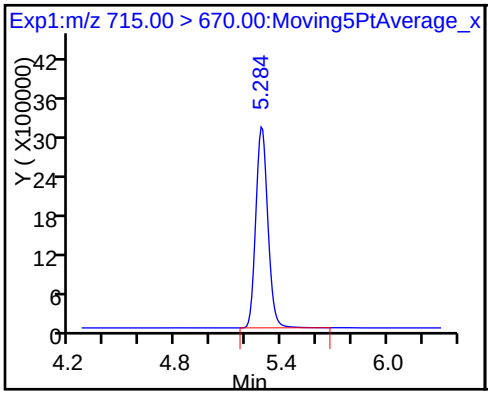
42 Perfluorotetradecanoic acid



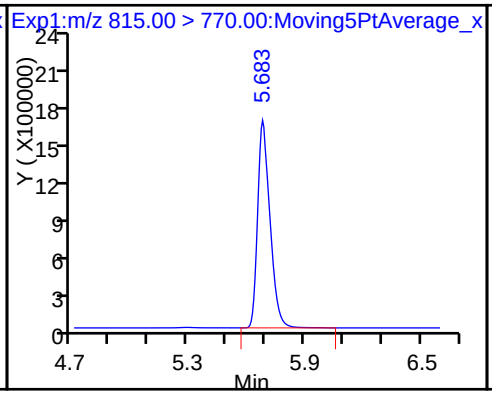
42 Perfluorotetradecanoic acid



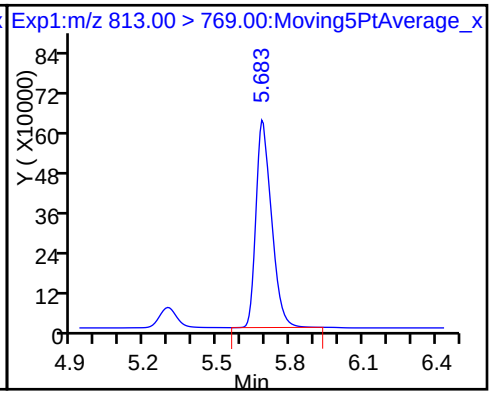
D 43 13C2-PFTeDA



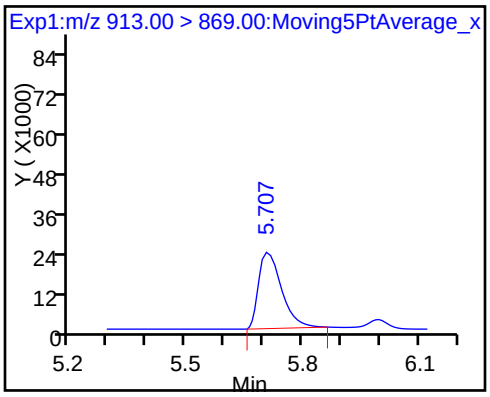
D 44 13C2-PFHxDA



45 Perfluorohexadecanoic acid



46 Perfluorooctadecanoic acid



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 320-165098/2-A
Matrix: Solid
Lab File ID: 2017.05.25C_038.d
Analysis Method: 537 (Modified)
Date Collected:
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.00(g)
Date Analyzed: 05/25/2017 22:01
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	3.79		0.50	0.30	0.10
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	3.48		0.50	0.30	0.13
375-73-5	Perfluorobutanesulfonic acid (PFBS)	3.60		0.40	0.30	0.10

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	96		25-150
STL00991	13C4 PFOS	83		25-150
STL00994	18O2 PFHxS	83		25-150

Report Date: 26-May-2017 14:32:28 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_038.d
Lims ID: LCS 320-165098/2-A
Client ID:
Sample Type: LCS
Inject. Date: 25-May-2017 22:01:28 ALS Bottle#: 2 Worklist Smp#: 3
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: lcs 320-165098/2-a
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:23 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:23:25

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.944	1.937	0.007		16686384	44.8		89.5	276597	
2 Perfluorobutyric acid										
212.90 > 169.00	1.944	1.945	-0.001	1.000	6821795	20.4		102	2933	
D 3 13C5-PFPeA										
267.90 > 223.00	2.289	2.290	-0.001		11909867	48.3		96.6	306727	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.289	2.290	-0.001	1.000	4852863	18.8		94.0	1373	
D 47 13C3-PFBS										
301.90 > 83.00	2.328	2.319	0.009		266969	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.338	2.329	0.009	1.000	7596290	18.0		102		
298.90 > 99.00	2.338	2.329	0.009	1.000	3099590		2.45(0.00-0.00)			
D 7 13C2 PFHxA										
315.00 > 270.00	2.664	2.653	0.011		10322558	42.2		84.4	16012	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.664	2.663	0.001	1.000	4120608	19.3		96.3	5124	
D 9 13C4-PFHpA										
367.00 > 322.00	3.052	3.042	0.010		11693020	52.3		105	64627	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.059	3.050	0.009	1.000	4906792	19.1		95.7	2320	
D 11 18O2 PFHxS										
403.00 > 84.00	3.067	3.058	0.009		12611028	39.1		82.8	351015	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.059	3.058	0.001	1.000	5536193	17.2		94.3		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.447	3.435	0.012	1.000	5121102	19.3		101		
D 14 13C4 PFOA										
417.00 > 372.00	3.447	3.444	0.003		10884620	48.0		95.9	56507	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
15 Perfluorooctanoic acid										
413.00 > 369.00	3.447	3.444	0.003	1.000	4633582	19.0		94.8	638	
413.00 > 169.00	3.447	3.444	0.003	1.000	2563519		1.81(0.90-1.10)		7631	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.818	3.768	0.050	1.000	4025325	17.4		93.8	7627	
499.00 > 99.00	3.809	3.768	0.041	0.998	851565		4.73(0.90-1.10)		2997	
D 18 13C4 PFOS										
503.00 > 80.00	3.809	3.812	-0.003		9311303	39.7		83.0	23389	
D 19 13C5 PFNA										
468.00 > 423.00	3.827	3.821	0.006		8796133	50.4		101	31842	
20 Perfluorononanoic acid										
463.00 > 419.00	3.827	3.821	0.006	1.000	3686558	19.3		96.3	3834	
D 21 13C8 FOSA										
506.00 > 78.00	4.145	4.145	0.0		4894746	13.3		26.6	16613	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.145	4.145	0.0	1.000	1975102	19.2		96.2	11644	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.171	4.171	0.0	1.000	3130962	19.1		95.3	10272	
D 23 13C2 PFDA										
515.00 > 470.00	4.171	4.171	0.0		8074053	54.0		108	14708	
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.458	4.458	0.0	1.000	2338770	17.3		89.7		
D 30 13C2 PFUnA										
565.00 > 520.00	4.486	4.487	-0.001		5787133	51.6		103	29507	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.486	4.487	-0.001	1.000	2417926	17.8		89.0	5014	
D 36 13C2 PFDoA										
615.00 > 570.00	4.761	4.764	-0.003		5095097	46.8		93.6	6614	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.761	4.764	-0.003	1.000	2083408	20.1		101	1725	
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.011	5.010	0.001	1.000	1944063	19.0		95.0	246	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.234	5.234	0.0		11427460	53.1		106	21861	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.234	5.234	0.0	1.000	4775063	22.9		114	114	
713.00 > 169.00	5.234	5.234	0.0	1.000	647660		7.37(0.00-0.00)		2660	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.635	5.635	0.0		3916565	32.6		65.1	2396	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.635	5.635	0.0	1.000	1507647	13.6		68.0	98.2	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.026	6.021	0.005	1.000	1293805	10.1		50.4	70.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Report Date: 26-May-2017 14:32:28 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_038.d

Injection Date: 25-May-2017 22:01:28 Instrument ID: A8_N

Lims ID: LCS 320-165098/2-A

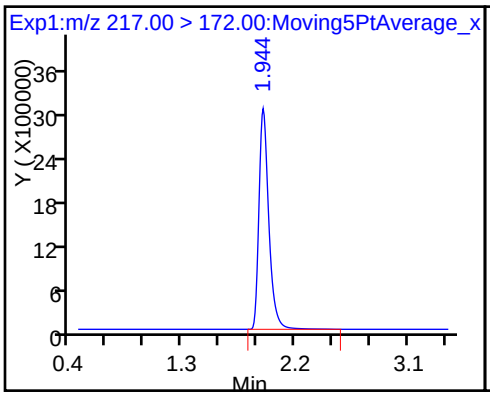
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 2 Worklist Smp#: 3

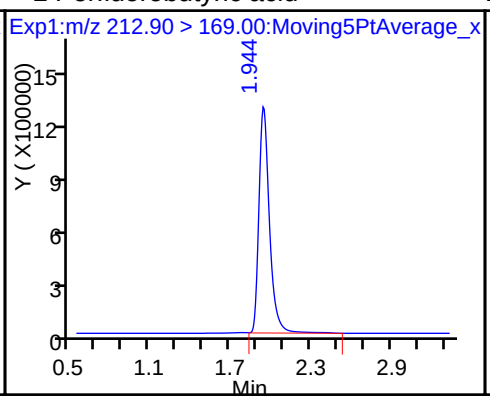
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

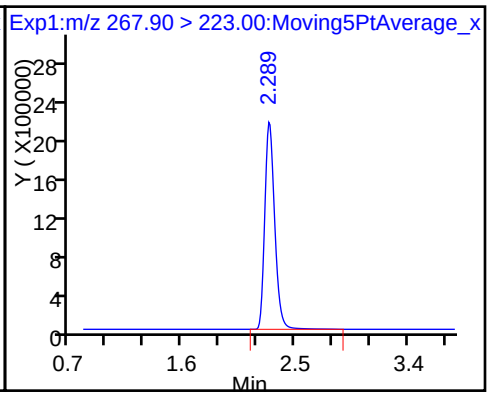
D 1 13C4 PFBA



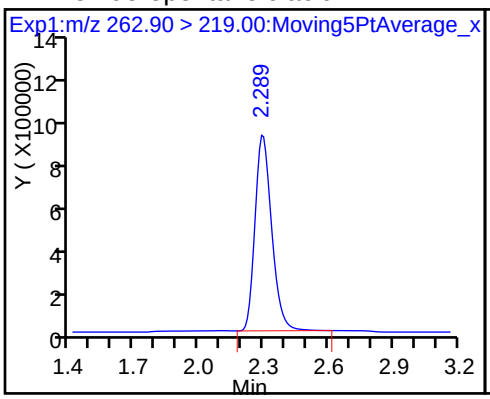
2 Perfluorobutyric acid



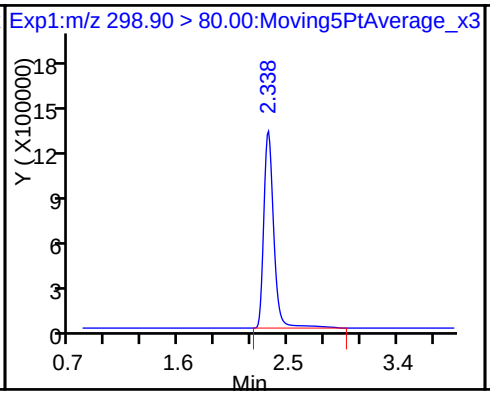
D 3 13C5-PFPeA



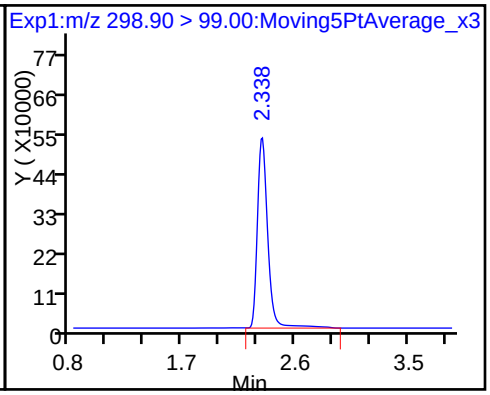
4 Perfluoropentanoic acid



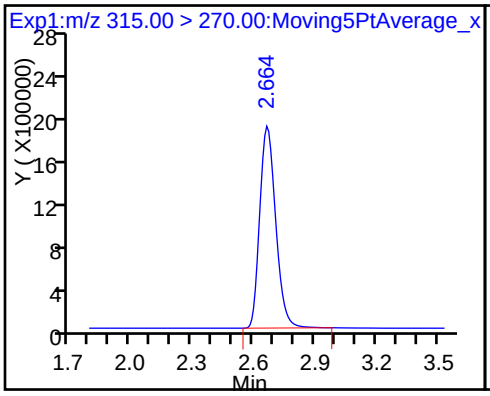
5 Perfluorobutanesulfonic acid



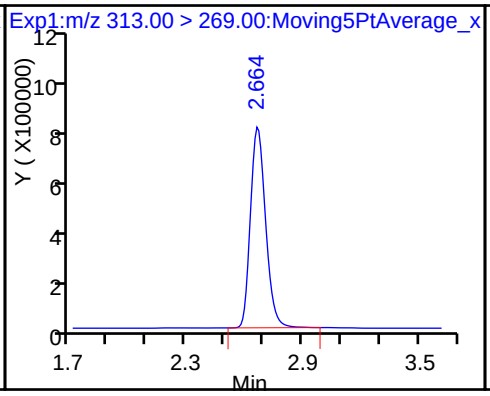
5 Perfluorobutanesulfonic acid



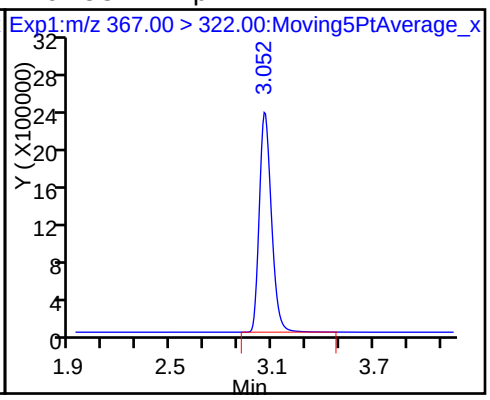
D 7 13C2 PFHxA



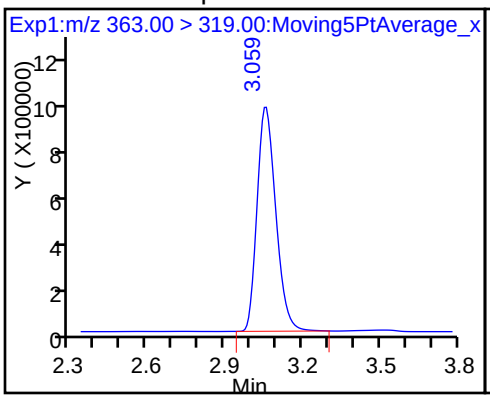
6 Perfluorohexanoic acid



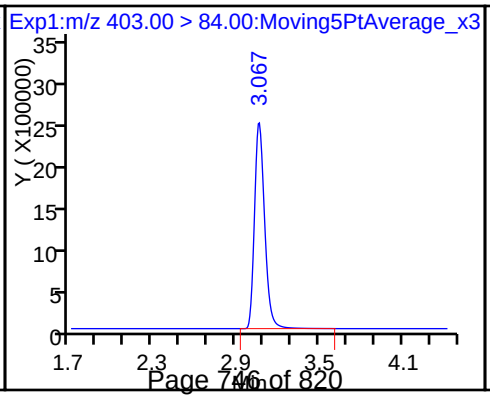
D 9 13C4-PFHpA



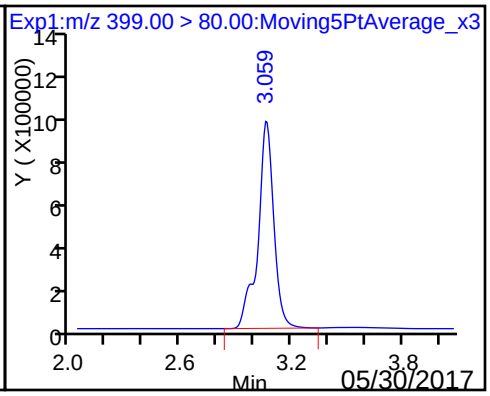
10 Perfluoroheptanoic acid



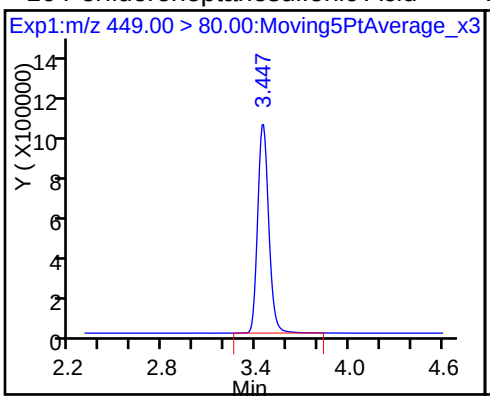
D 11 18O2 PFHxS



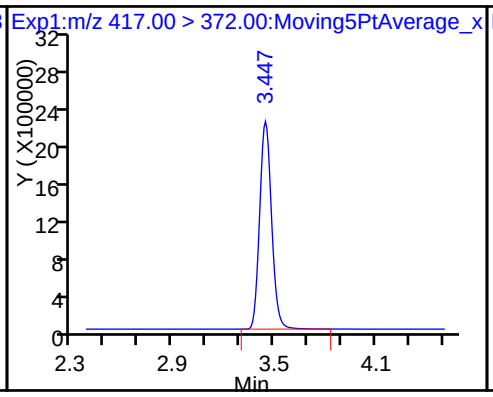
8 Perfluorohexanesulfonic acid



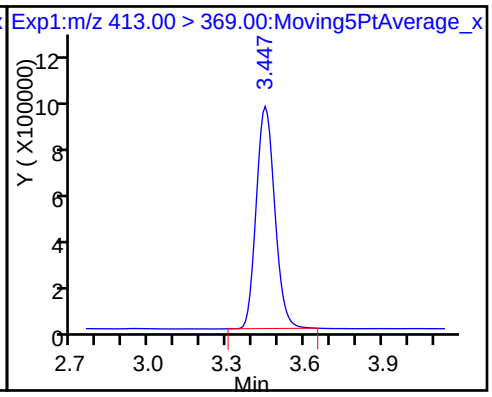
16 Perfluoroheptanesulfonic Acid



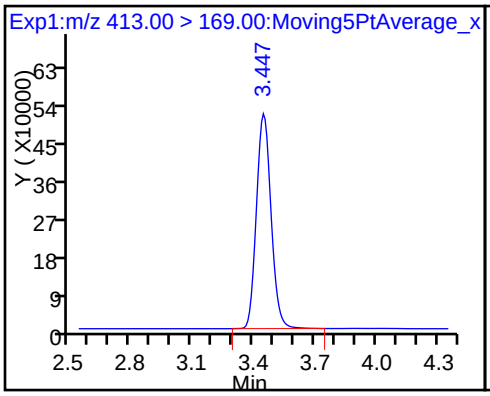
D 14 13C4 PFOA



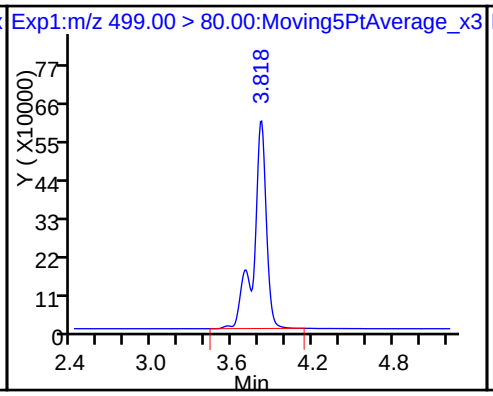
15 Perfluorooctanoic acid



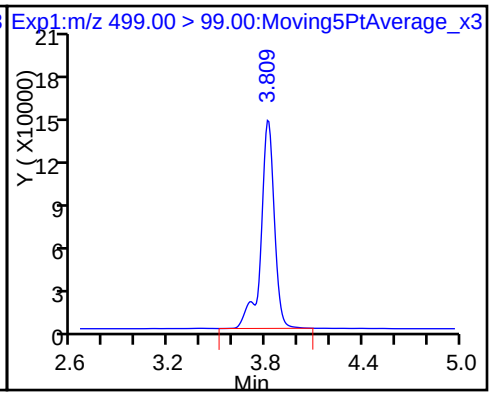
15 Perfluorooctanoic acid



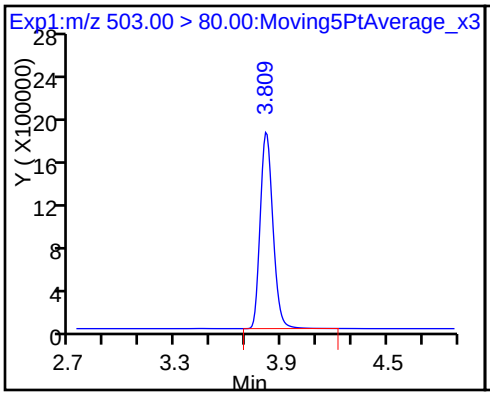
17 Perfluorooctane sulfonic acid



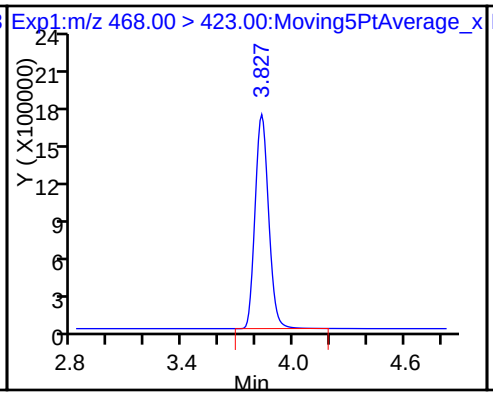
17 Perfluorooctane sulfonic acid



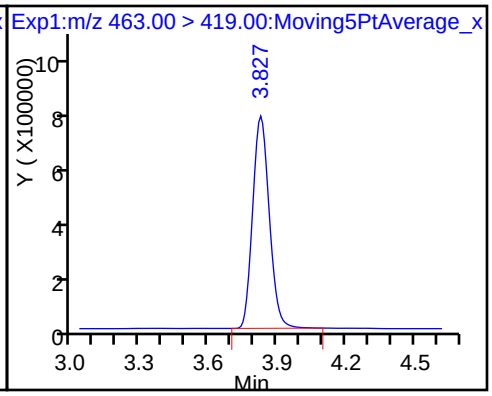
D 18 13C4 PFOS



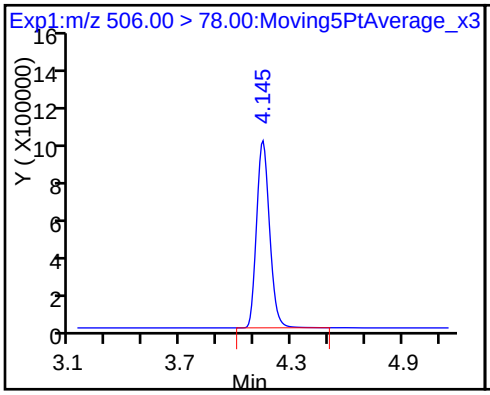
D 19 13C5 PFNA



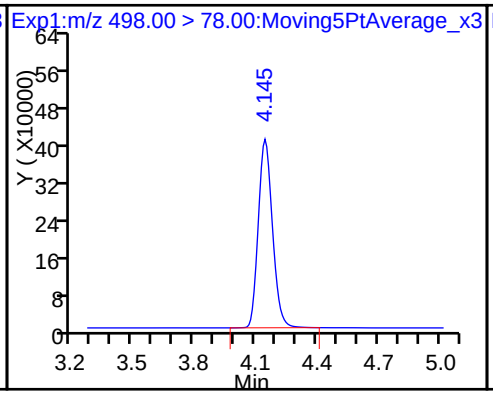
20 Perfluorononanoic acid



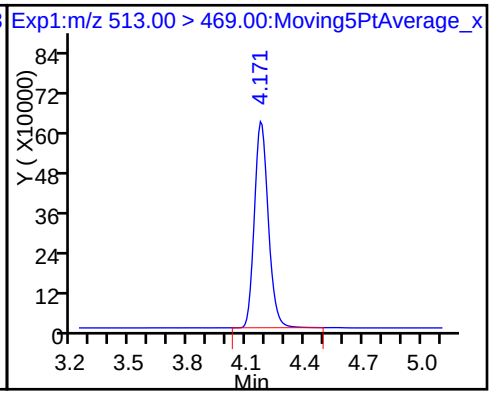
D 21 13C8 FOSA



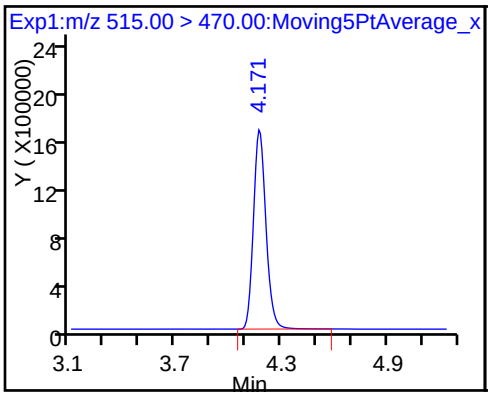
22 Perfluorooctane Sulfonamide



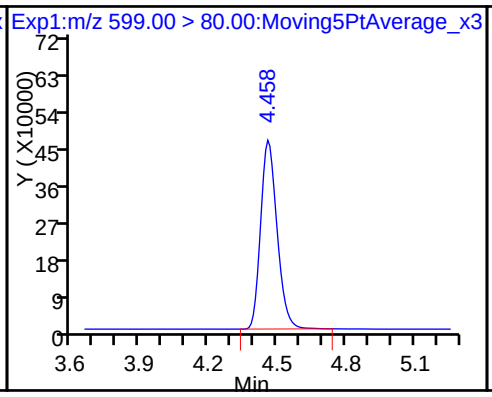
24 Perfluorodecanoic acid



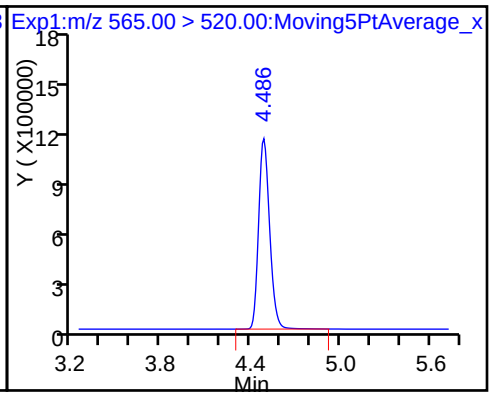
D 23 13C2 PFDA



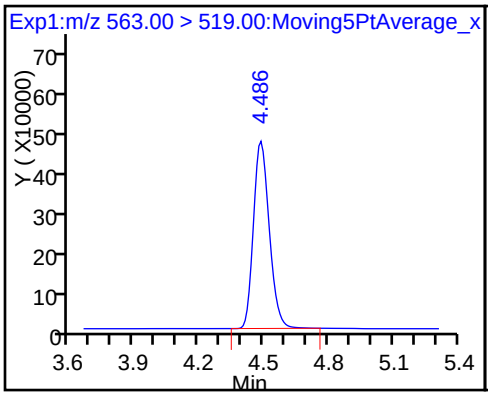
29 Perfluorodecane Sulfonic acid



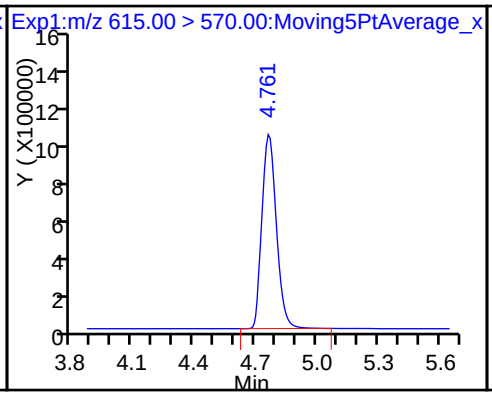
D 30 13C2 PFUnA



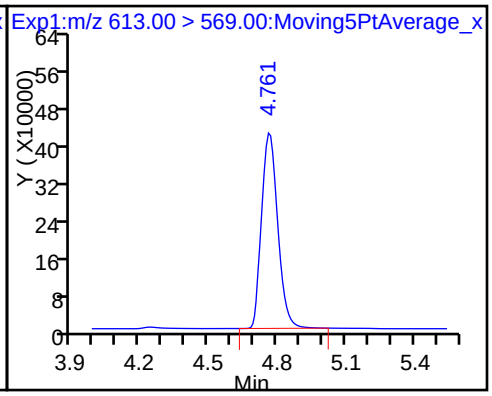
31 Perfluoroundecanoic acid



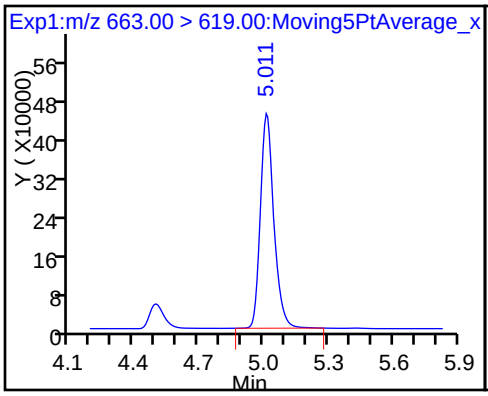
D 36 13C2 PFDoA



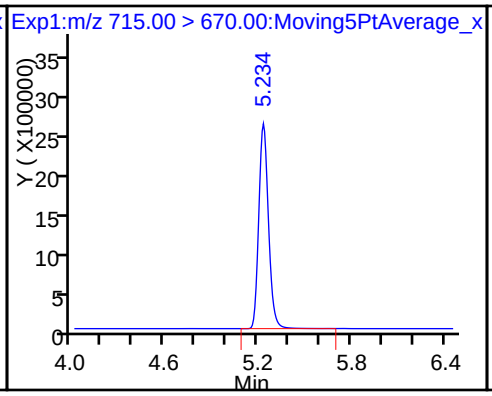
37 Perfluorododecanoic acid



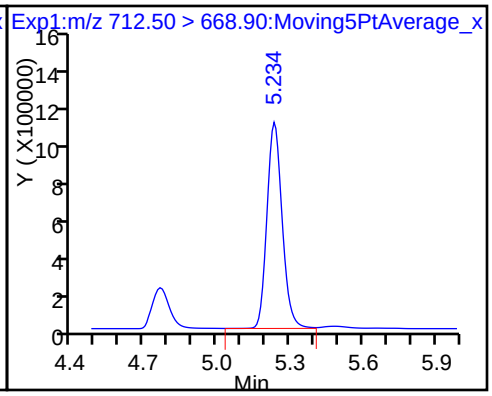
41 Perfluorotridecanoic acid



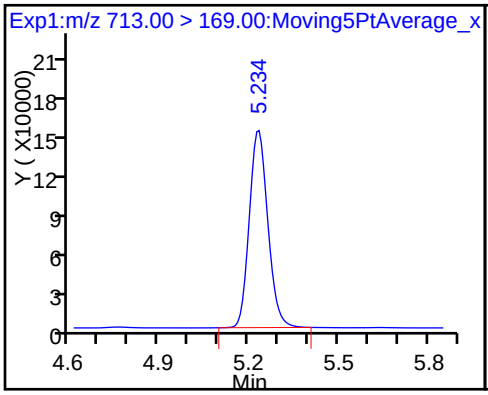
D 43 13C2-PFTeDA



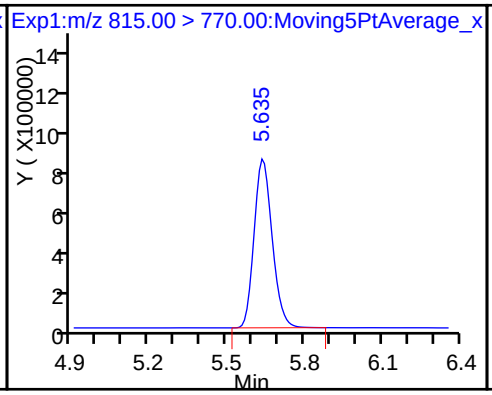
42 Perfluorotetradecanoic acid



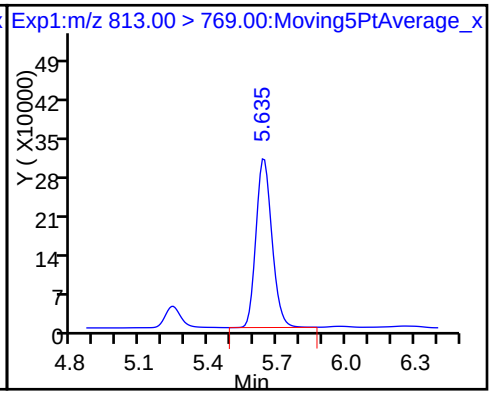
42 Perfluorotetradecanoic acid



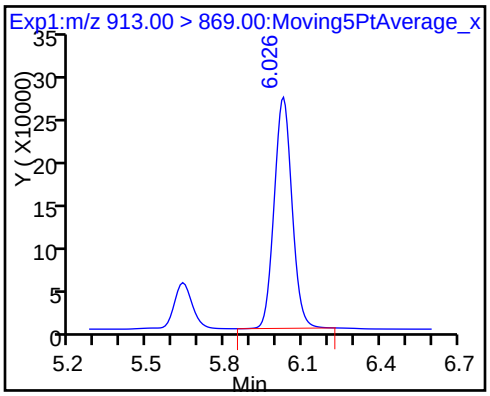
D 44 13C2-PFHxDA



45 Perfluorohexadecanoic acid



46 Perfluorooctadecanoic acid



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCSD 320-164983/3-A
Matrix: Water
Lab File ID: 2017.05.18D_004.d
Analysis Method: 537 (Modified)
Date Collected:
Extraction Method: 3535
Date Extracted: 05/17/2017 14:18
Sample wt/vol: 250.00(mL)
Date Analyzed: 05/19/2017 07:06
Con. Extract Vol.: 0.50(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 165301
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	37.6		2.5	2.0	0.75
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	34.9		4.0	3.0	1.3
375-73-5	Perfluorobutanesulfonic acid (PFBS)	36.9		2.5	2.0	0.92

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	116		25-150
STL00991	13C4 PFOS	104		25-150
STL00994	18O2 PFHxS	101		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_004.d
Lims ID: LCSD 320-164983/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 19-May-2017 07:06:39 ALS Bottle#: 16 Worklist Smp#: 4
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: lcsd 320-164983/3-a
Misc. Info.: Plate: 1 Rack: 3
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 19-May-2017 14:09:14 Calib Date: 18-May-2017 18:42:36
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170518-43267.b\2017.05.18AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK011

First Level Reviewer: chandrasenas Date: 19-May-2017 13:55:26

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.009	2.009	0.0		18935194	52.6		105	106513	
2 Perfluorobutyric acid										
212.90 > 169.00	2.009	2.009	0.0	1.000	7908532	20.8		104	1525	
D 3 13C5-PFPeA										
267.90 > 223.00	2.368	2.358	0.010		12888366	51.8		104	129027	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.368	2.358	0.010	1.000	5319436	18.8		93.8	1128	
D 47 13C3-PFBS										
301.90 > 83.00	2.398	2.398	0.0		318424	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.408	2.398	0.010	1.000	9073504	18.4		104		
298.90 > 99.00	2.408	2.398	0.010	1.000	3622463		2.50(0.00-0.00)			
D 7 13C2 PFHxA										
315.00 > 270.00	2.741	2.732	0.009		12542917	51.5		103	28288	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.741	2.742	-0.001	1.000	4988224	19.3		96.5	7025	
D 9 13C4-PFHpA										
367.00 > 322.00	3.139	3.130	0.009		11797429	55.7		111	38660	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.139	3.130	0.009	1.000	5174350	19.6		98.0	1904	
D 11 18O2 PFHxS										
403.00 > 84.00	3.148	3.138	0.010		14593607	47.9		101	297642	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.148	3.138	0.010	1.000	6536909	18.0		98.9		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.532	3.524	0.008	1.000	6137287	19.9		104		
D 14 13C4 PFOA										
417.00 > 372.00	3.532	3.531	0.001		12374521	58.2		116	61583	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
15 Perfluorooctanoic acid										
413.00 > 369.00	3.539	3.531	0.008	1.000	5340760	18.8		93.9	586	
413.00 > 169.00	3.532	3.531	0.001	0.998	3071815		1.74(0.90-1.10)		8644	
D 18 13C4 PFOS										
503.00 > 80.00	3.899	3.890	0.009		11428724	49.8		104	21342	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.899	3.890	0.009	1.000	4981662	17.5		94.1	87472	
499.00 > 99.00	3.899	3.890	0.009	1.000	1083007		4.60(0.90-1.10)		5620	
D 19 13C5 PFNA										
468.00 > 423.00	3.915	3.907	0.008		9670961	57.6		115	27991	
20 Perfluorononanoic acid										
463.00 > 419.00	3.915	3.907	0.008	1.000	4080856	19.7		98.6	4135	
D 21 13C8 FOSA										
506.00 > 78.00	4.233	4.221	0.012		3719112	10.1		20.3	10951	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.233	4.221	0.012	1.000	1524367	19.4		96.9	8865	
D 23 13C2 PFDA										
515.00 > 470.00	4.262	4.251	0.011		8661705	59.9		120	8214	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.262	4.251	0.011	1.000	3377458	19.0		95.2	12127	
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.542	4.535	0.007	1.000	3062516	18.7		96.8		
D 30 13C2 PFUnA										
565.00 > 520.00	4.562	4.555	0.007		5966206	58.6		117	7865	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.562	4.555	0.007	1.000	2666395	19.0		94.9	5960	
D 36 13C2 PFDoA										
615.00 > 570.00	4.839	4.833	0.006		5652714	56.4		113	5908	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.839	4.833	0.006	1.000	2263929	19.7		98.7	151	
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.084	5.073	0.011	1.000	2358703	20.4		102	164	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.306	5.301	0.005	1.000	5922987	22.9		115	125	
713.00 > 169.00	5.299	5.301	-0.002	0.999	817364		7.25(0.00-0.00)		2530	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.306	5.301	0.005		13956902	68.1		136	8275	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.695	5.693	0.002		6625784	56.0		112	3980	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.695	5.693	0.002	1.000	2565410	20.0		99.9	147	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.717	5.703	0.014	1.000	187630	17.5		87.6	459	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Report Date: 19-May-2017 14:09:22 Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b\2017.05.18D_004.d

Injection Date: 19-May-2017 07:06:39 Instrument ID: A8_N

Lims ID: LCSD 320-164983/3-A

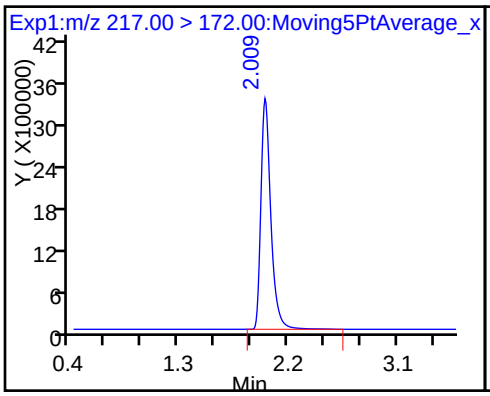
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 16 Worklist Smp#: 4

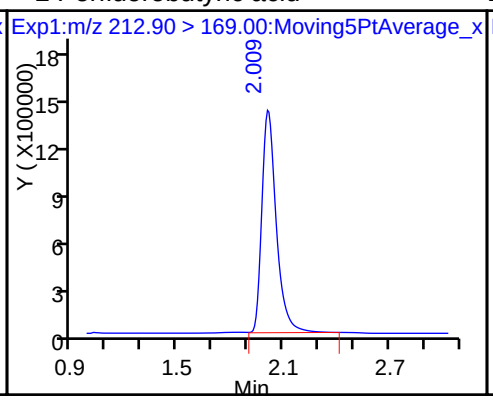
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

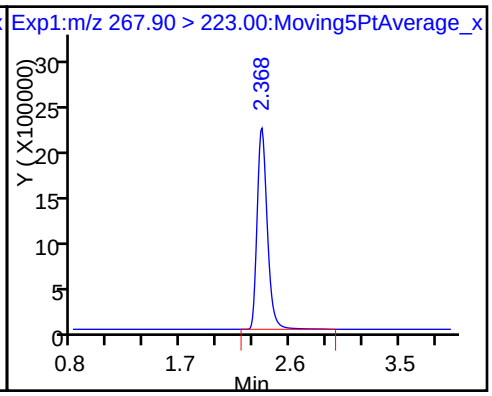
D 1 13C4 PFBA



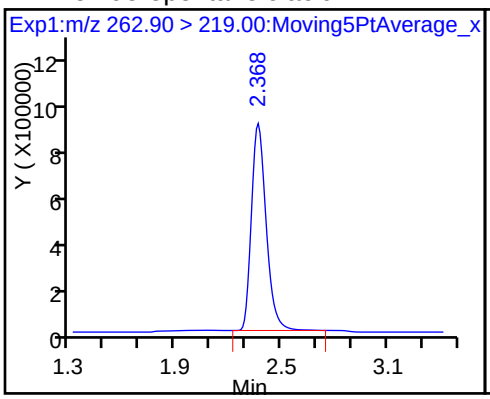
2 Perfluorobutyric acid



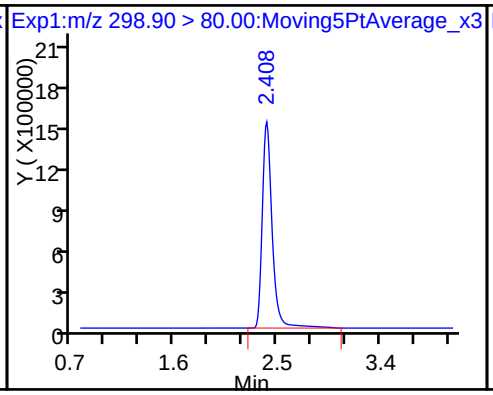
D 3 13C5-PFPeA



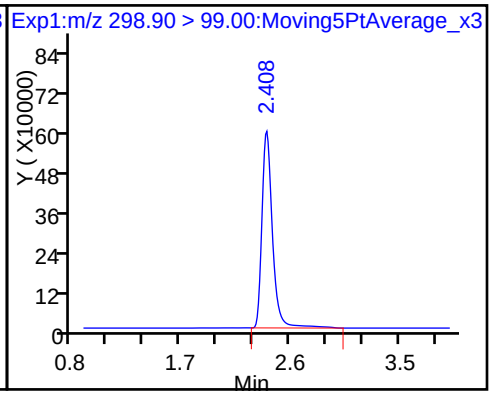
4 Perfluoropentanoic acid



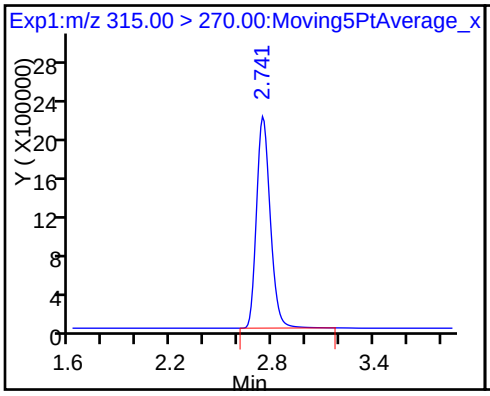
5 Perfluorobutanesulfonic acid



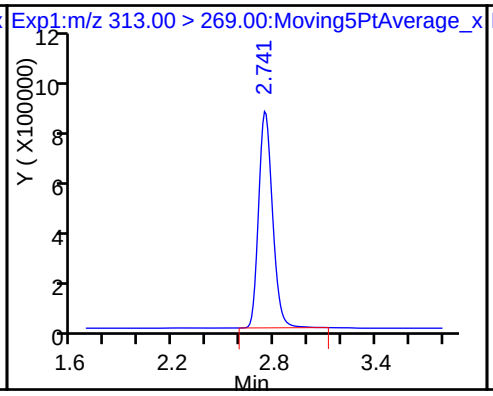
5 Perfluorobutanesulfonic acid



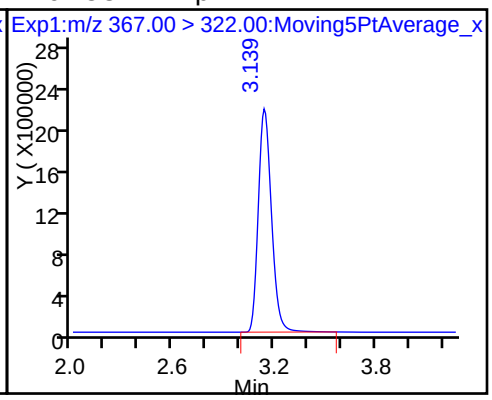
D 7 13C2 PFHxA



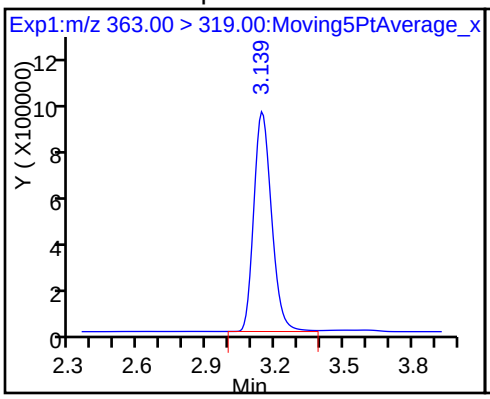
6 Perfluorohexanoic acid



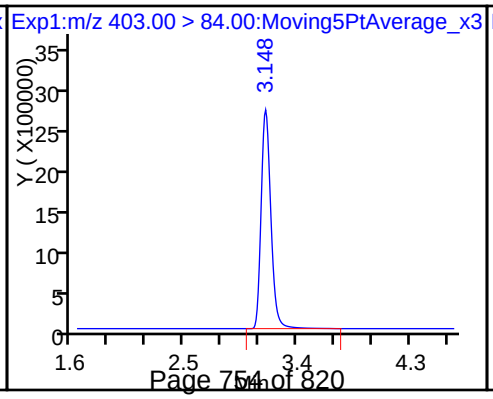
D 9 13C4-PFHpA



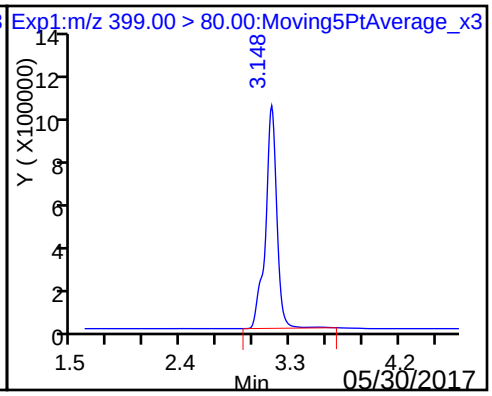
10 Perfluoroheptanoic acid



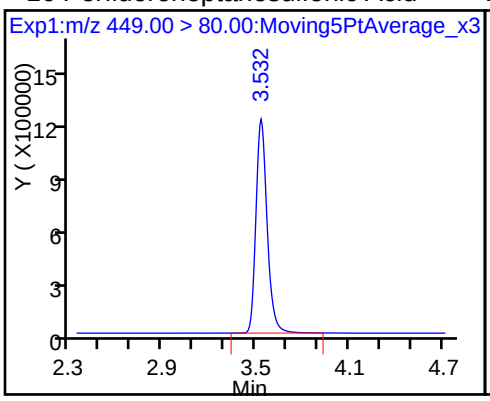
D 11 18O2 PFHxS



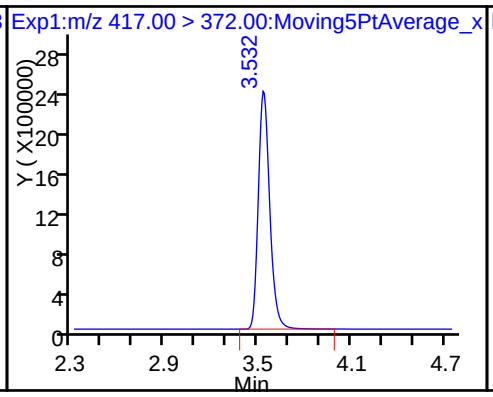
8 Perfluorohexanesulfonic acid



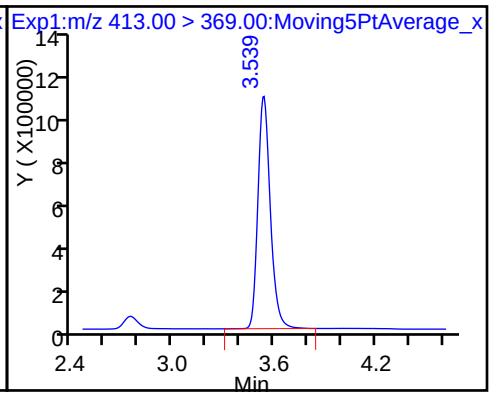
16 Perfluoroheptanesulfonic Acid



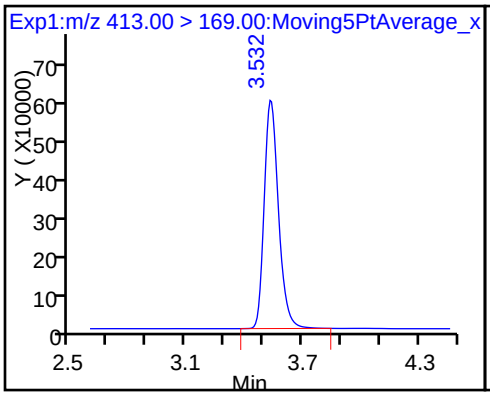
D 14 13C4 PFOA



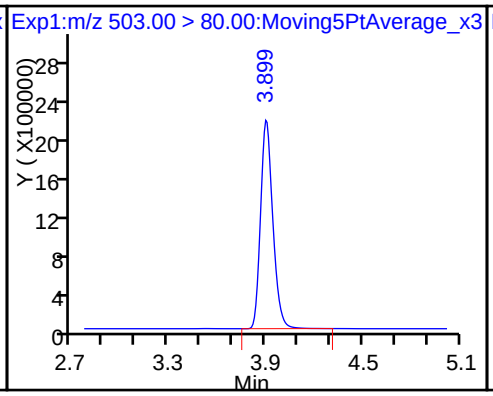
15 Perfluorooctanoic acid



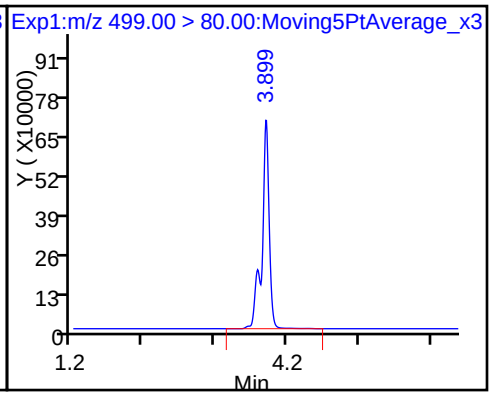
15 Perfluorooctanoic acid



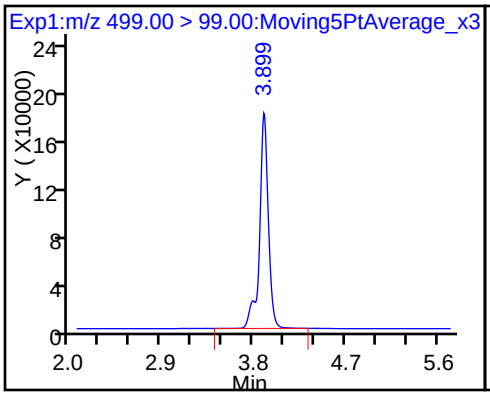
D 18 13C4 PFOS



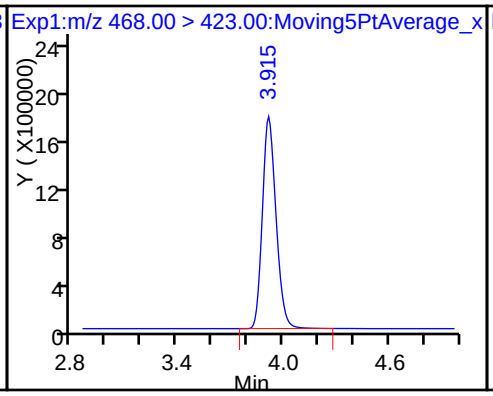
17 Perfluorooctane sulfonic acid



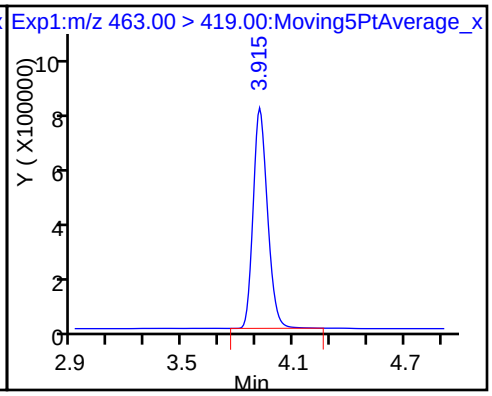
17 Perfluorooctane sulfonic acid



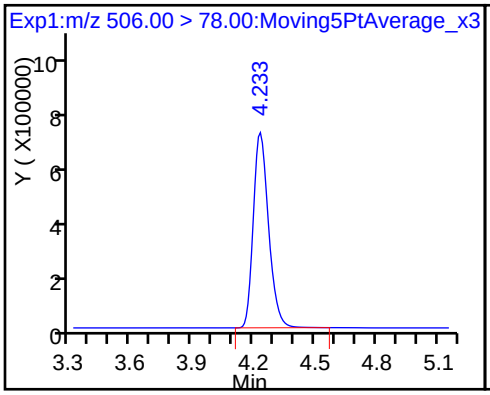
D 19 13C5 PFNA



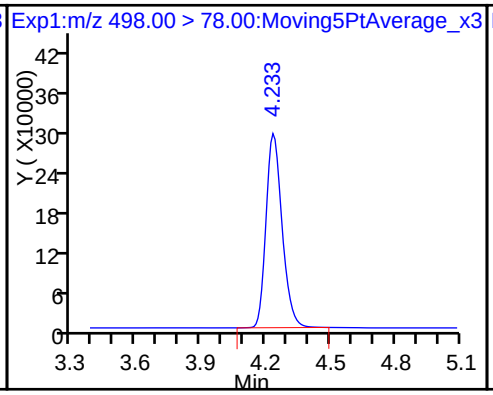
20 Perfluorononanoic acid



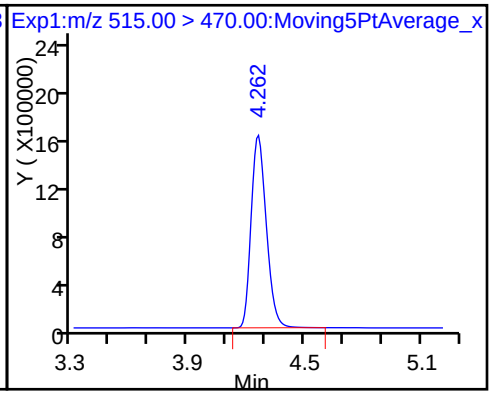
D 21 13C8 FOSA



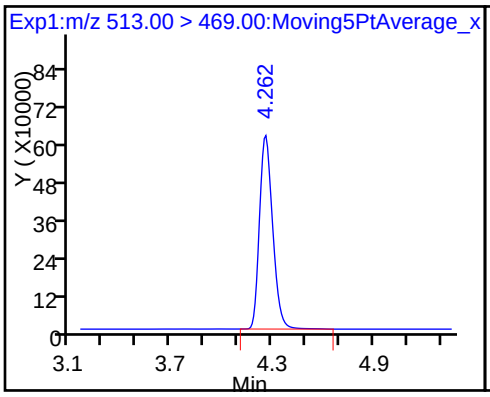
22 Perfluorooctane Sulfonamide



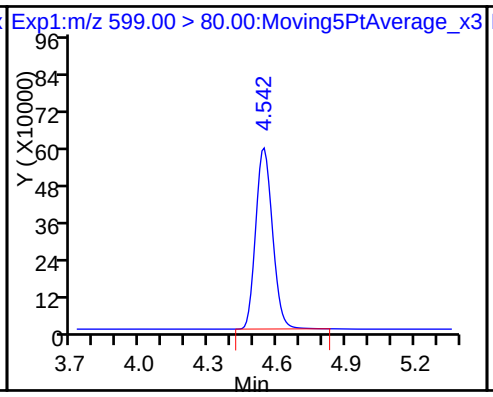
D 23 13C2 PFDA



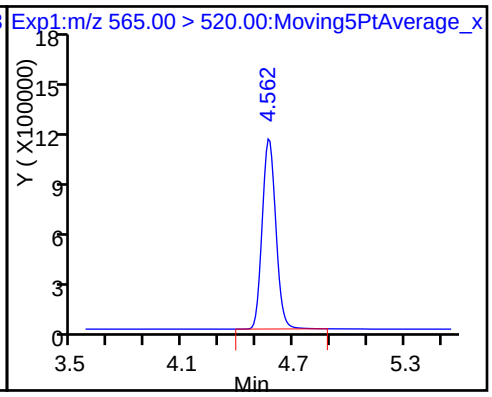
24 Perfluorodecanoic acid



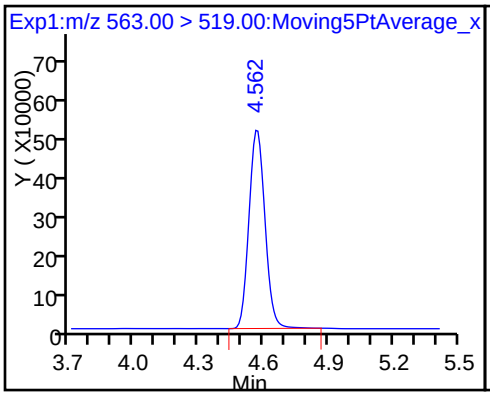
29 Perfluorodecane Sulfonic acid



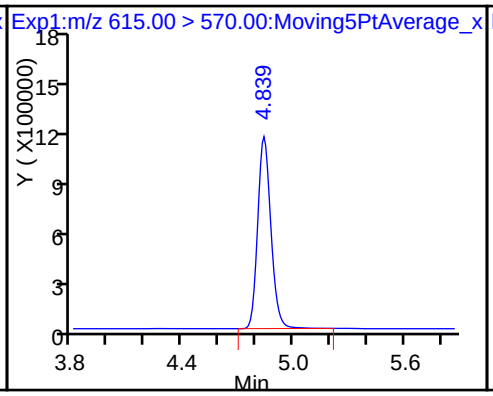
D 30 13C2 PFUnA



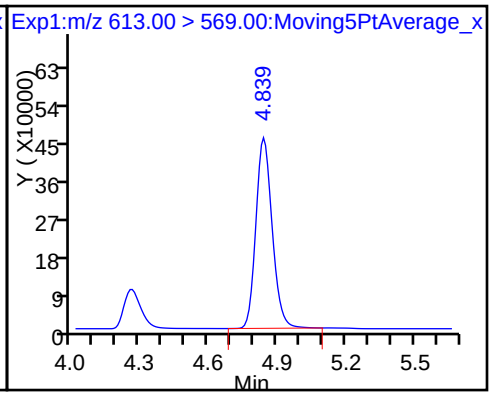
31 Perfluoroundecanoic acid



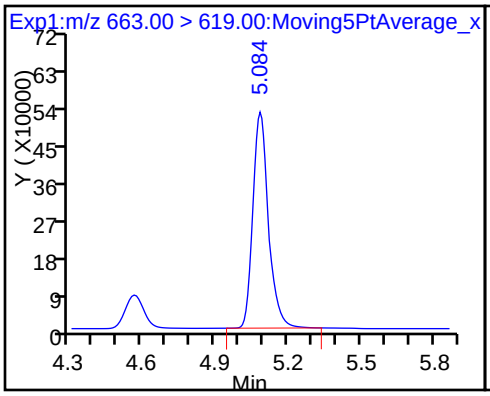
D 36 13C2 PFDoA



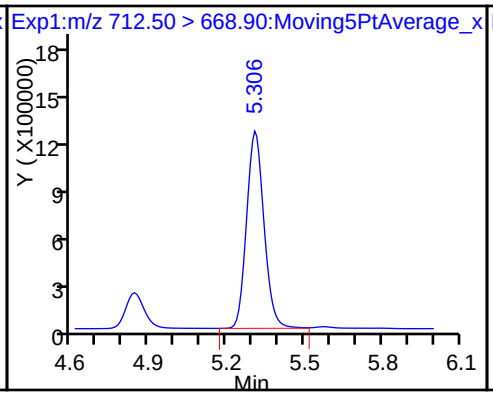
37 Perfluorododecanoic acid



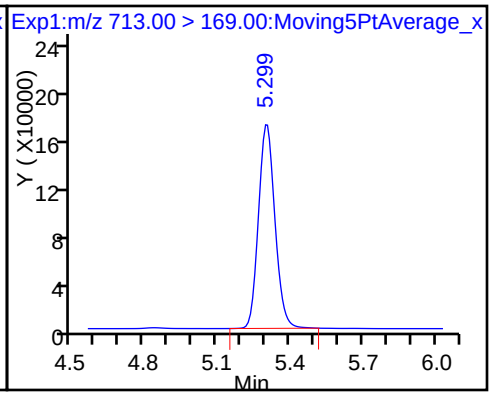
41 Perfluorotridecanoic acid



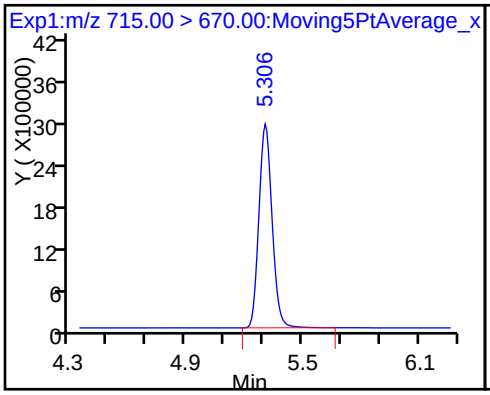
42 Perfluorotetradecanoic acid



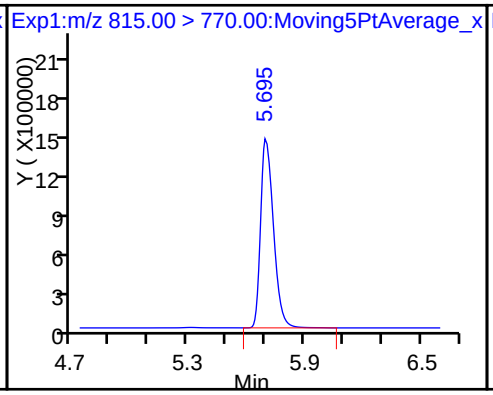
42 Perfluorotetradecanoic acid



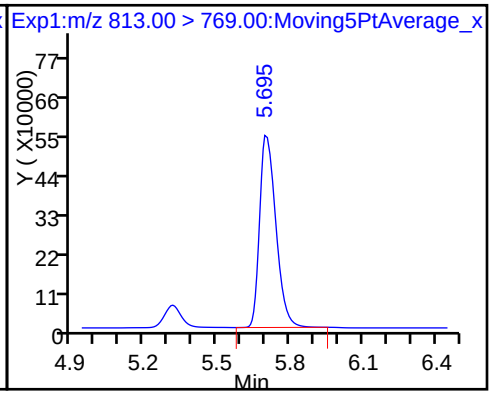
D 43 13C2-PFTeDA



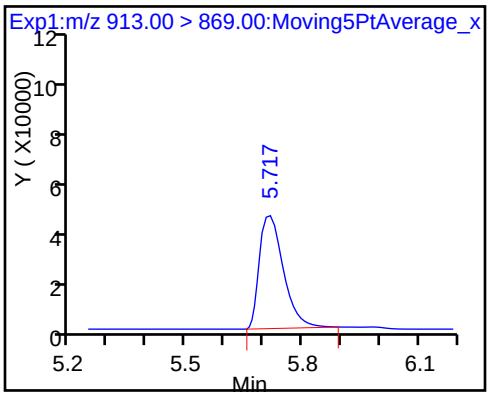
D 44 13C2-PFHxDA



45 Perfluorohexadecanoic acid



46 Perfluorooctadecanoic acid



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-Unknown5-SB01-0204 MS
Lab Sample ID: 320-28275-2 MS
Matrix: Solid
Lab File ID: 2017.05.25C_041.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 11:23
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.05(g)
Date Analyzed: 05/25/2017 22:24
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 18.8
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	4.57		0.61	0.37	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	4.36		0.61	0.37	0.15
375-73-5	Perfluorobutanesulfonic acid (PFBS)	4.55		0.49	0.37	0.13

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	75		25-150
STL00991	13C4 PFOS	41		25-150
STL00994	18O2 PFHxS	70		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_041.d
Lims ID: 320-28275-A-2-B MS
Client ID:
Sample Type: MS
Inject. Date: 25-May-2017 22:24:00 ALS Bottle#: 5 Worklist Smp#: 6
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-2-b ms
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:23 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:24:41

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.953	1.937	0.016		12003329	32.2		64.4	95366	
2 Perfluorobutyric acid										
212.90 > 169.00	1.953	1.945	0.008	1.000	4984985	20.7		103	167	
D 3 13C5-PFPeA										
267.90 > 223.00	2.300	2.290	0.010		10421874	42.3		84.6	95464	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.300	2.290	0.010	1.000	4078091	18.1		90.3	442	
D 47 13C3-PFBS										
301.90 > 83.00	2.339	2.319	0.020		239742	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.349	2.329	0.020	1.000	6692436	18.7		106		
298.90 > 99.00	2.339	2.329	0.010	0.996	2590415		2.58(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.498	2.615	-0.117	1.000	7205	NR		0.0		
D 7 13C2 PFHxA										
315.00 > 270.00	2.673	2.653	0.020		8964336	36.7		73.3	204602	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.673	2.663	0.010	1.000	3440901	18.5		92.6	1550	
D 9 13C4-PFHpA										
367.00 > 322.00	3.072	3.042	0.030		9162963	41.0		81.9	64958	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.072	3.050	0.022	1.000	3777942	18.8		94.0	1118	
D 11 18O2 PFHxS										
403.00 > 84.00	3.081	3.058	0.023		10711447	33.2		70.3	44218	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.081	3.058	0.023	1.000	4755216	17.4		95.4		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.443	3.427	0.016	1.000	31656	NR		0.0		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
* 62 13C2-PFOA										
415.00 > 370.00	3.460	3.435	0.025		8325	49.5		0.0		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.468	3.435	0.033	1.000	3415633	25.8		135		
D 14 13C4 PFOA										
417.00 > 372.00	3.468	3.444	0.024		8472510	37.3		74.7	54684	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.468	3.444	0.024	1.000	3569963	18.8		93.8	451	
413.00 > 169.00	3.468	3.444	0.024	1.000	1986826		1.80(0.90-1.10)		4473	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.722	3.768	-0.046	1.000	2059579	17.9		96.4	1092	
499.00 > 99.00	3.834	3.768	0.066	1.030	445390		4.62(0.90-1.10)		775	
D 18 13C4 PFOS										
503.00 > 80.00	3.834	3.812	0.022		4639059	19.8		41.4	12382	
D 19 13C5 PFNA										
468.00 > 423.00	3.851	3.821	0.030		5534286	31.7		63.4	19193	
20 Perfluorononanoic acid										
463.00 > 419.00	3.851	3.821	0.030	1.000	2320516	19.3		96.4	1497	
D 21 13C8 FOSA										
506.00 > 78.00	4.166	4.145	0.021		2527617	6.87		13.7	11565	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.166	4.145	0.021	1.000	976991	18.4		92.2	6381	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.198	4.171	0.027	1.000	1630667	19.3		96.6	1025	
D 23 13C2 PFDA										
515.00 > 470.00	4.198	4.171	0.027		4147439	27.7		55.5	8281	
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.485	4.458	0.027	1.000	1920188	28.5		148		
D 30 13C2 PFUnA										
565.00 > 520.00	4.504	4.487	0.017		3973992	35.4		70.8	13128	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.504	4.487	0.017	1.000	1684586	18.0		90.2	1747	
D 36 13C2 PFDoA										
615.00 > 570.00	4.779	4.764	0.015		4412447	40.5		81.1	9597	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.788	4.764	0.024	1.000	1710992	19.1		95.5	369	
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.031	5.010	0.021	1.000	1658892	18.7		93.6	283	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.248	5.234	0.014		10005621	46.5		92.9	11723	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.248	5.234	0.014	1.000	3995006	22.1		110	219	
713.00 > 169.00	5.248	5.234	0.014	1.000	544682		7.33(0.00-0.00)		3395	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.645	5.635	0.010		4474272	37.2		74.4	2808	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.655	5.635	0.020	1.000	1699659	17.9		89.5	108	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.036	6.021	0.015	1.000	2240322	20.1		101	134	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

NC - Not Calibrated

Report Date: 26-May-2017 14:32:33 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_041.d

Injection Date: 25-May-2017 22:24:00 Instrument ID: A8_N

Lims ID: 320-28275-A-2-B MS

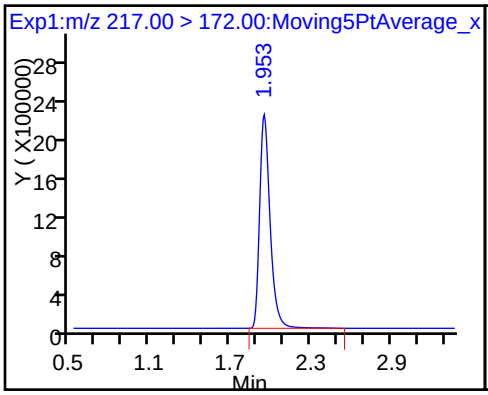
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 5 Worklist Smp#: 6

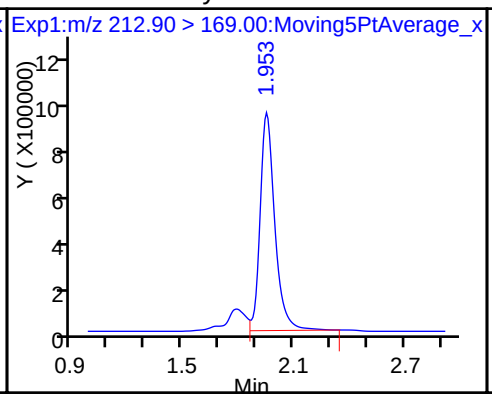
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

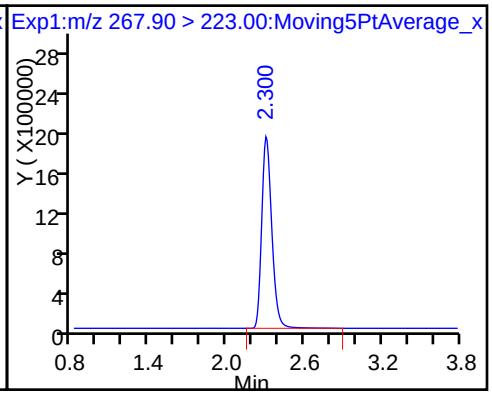
D 1 13C4 PFBA



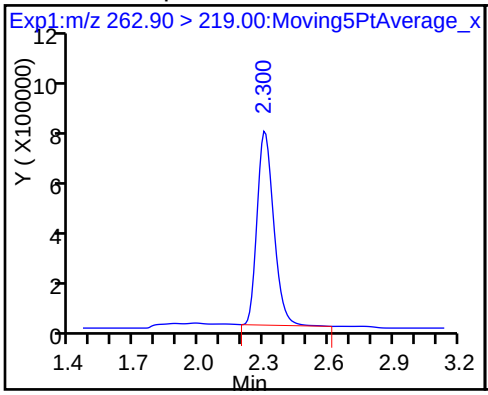
2 Perfluorobutyric acid



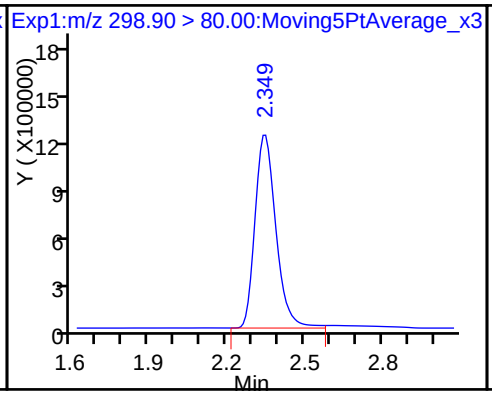
D 3 13C5-PFPeA



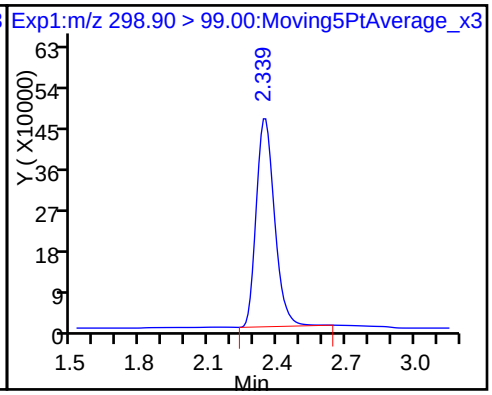
4 Perfluoropentanoic acid



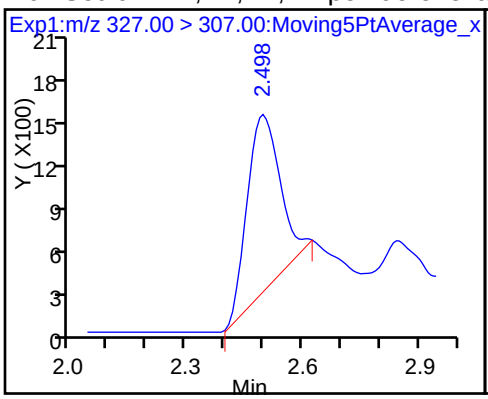
5 Perfluorobutanesulfonic acid



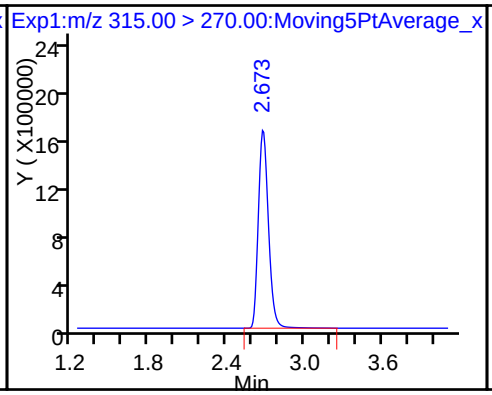
5 Perfluorobutanesulfonic acid



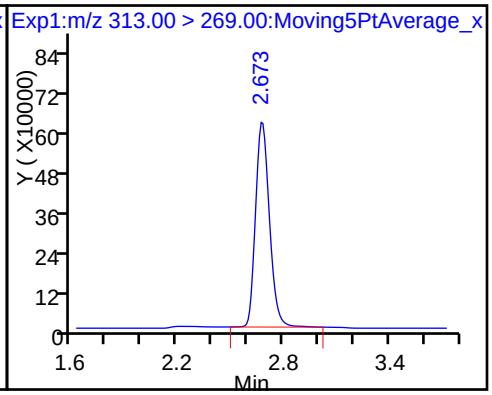
61 Sodium 1H,1H,2H,2H-perfluorohexane



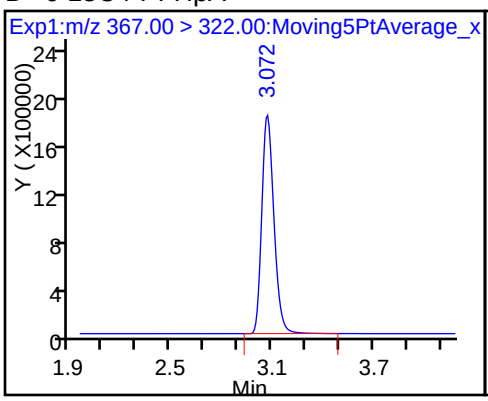
D 7 13C2 PFHxA



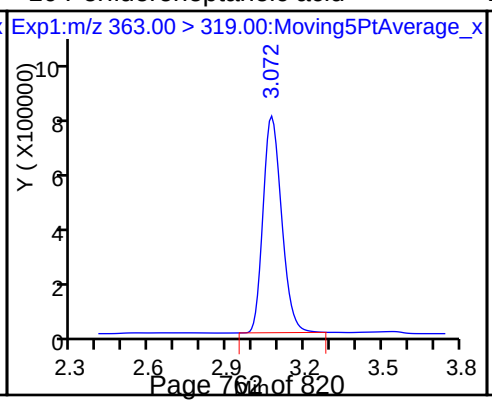
6 Perfluorohexanoic acid



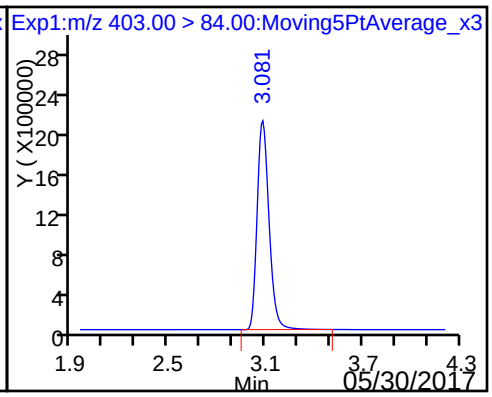
D 9 13C4-PFHpA



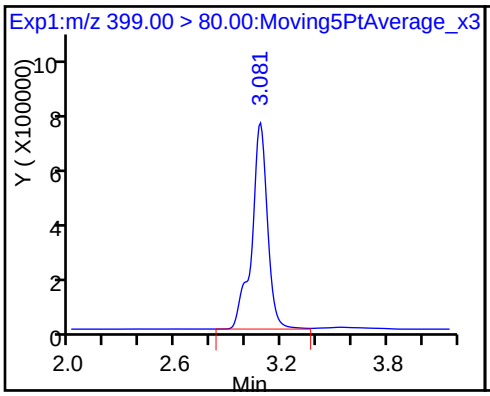
10 Perfluoroheptanoic acid



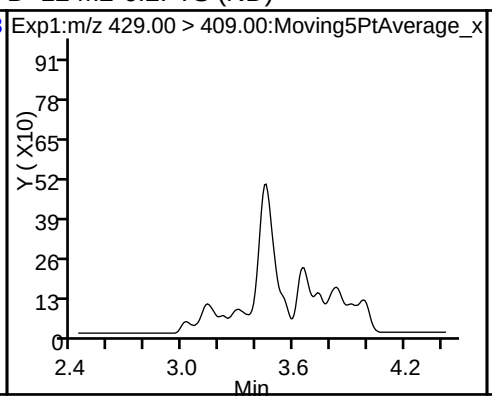
D 11 18O2 PFHxS



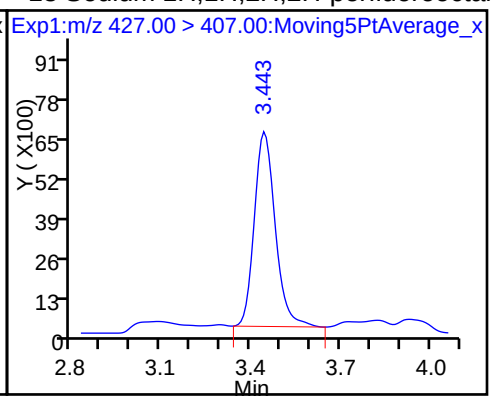
8 Perfluorohexanesulfonic acid



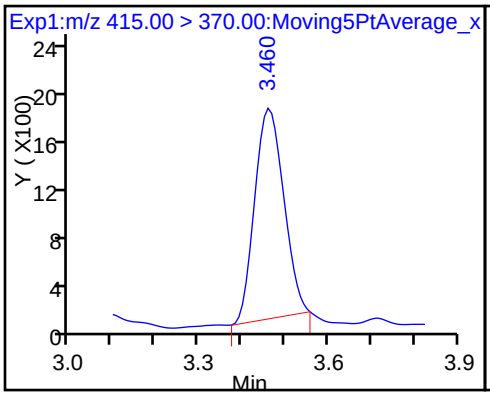
D 12 M2-6:2FTS (ND)



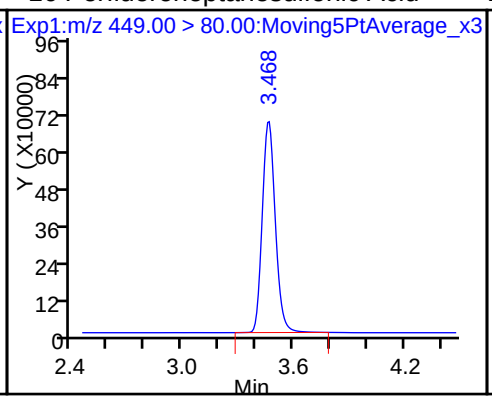
13 Sodium 1H,1H,2H,2H-perfluorooctane



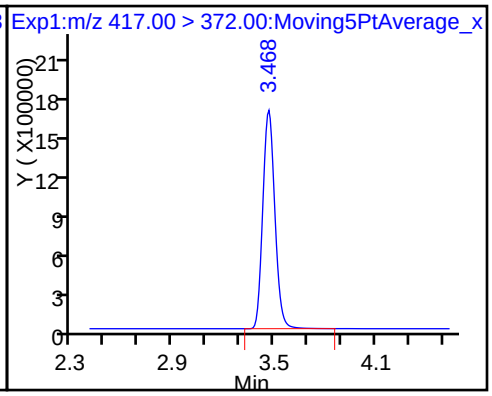
* 62 13C2-PFOA



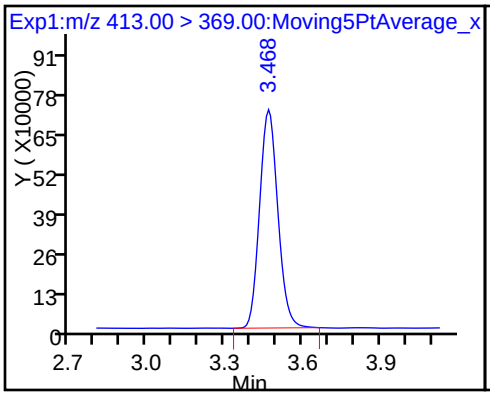
16 Perfluoroheptanesulfonic Acid



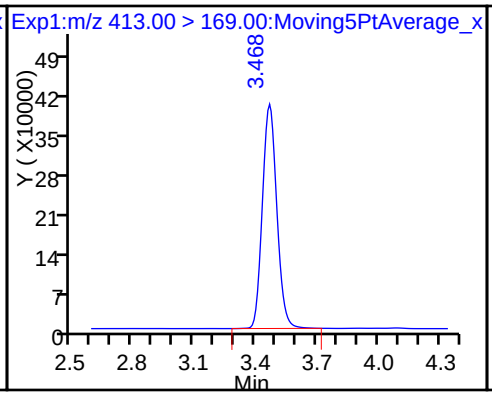
D 14 13C4 PFOA



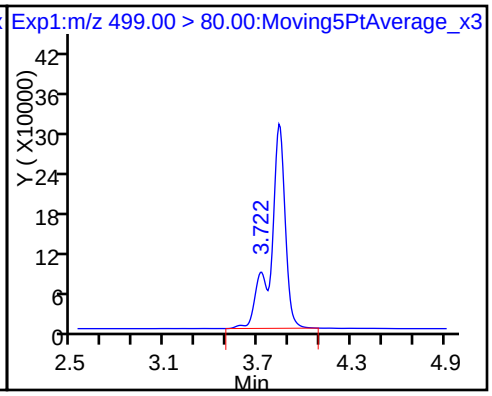
15 Perfluorooctanoic acid



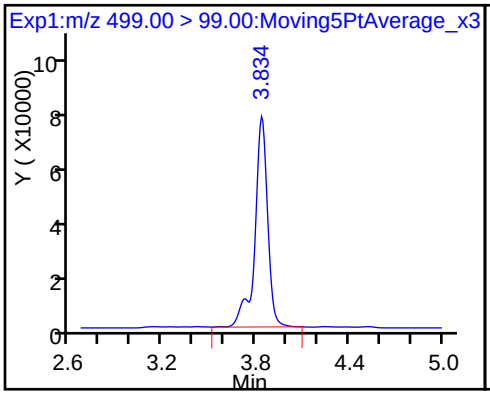
15 Perfluorooctanoic acid



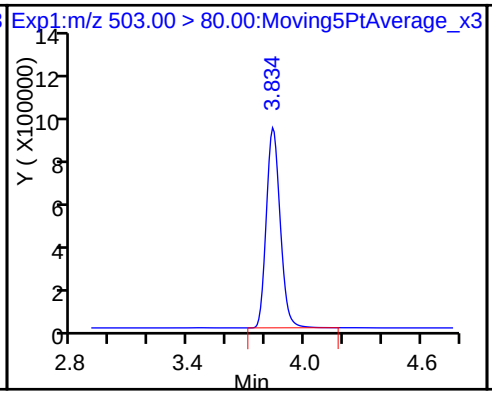
17 Perfluorooctane sulfonic acid



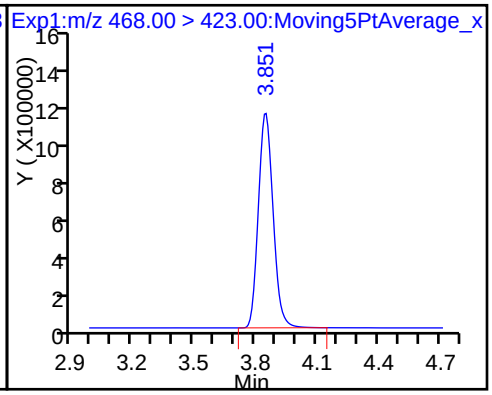
17 Perfluorooctane sulfonic acid



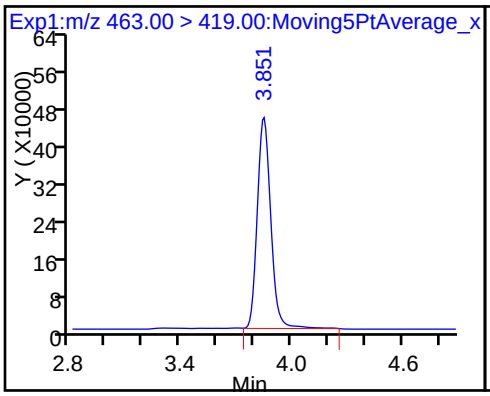
D 18 13C4 PFOS



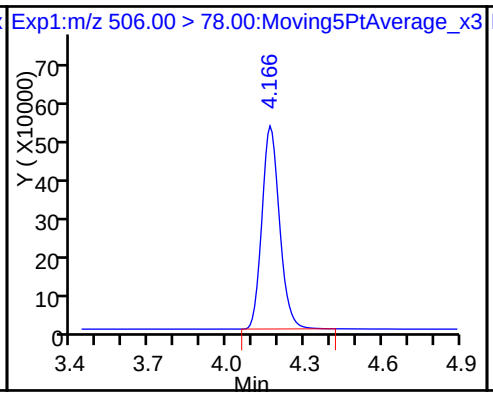
D 19 13C5 PFNA



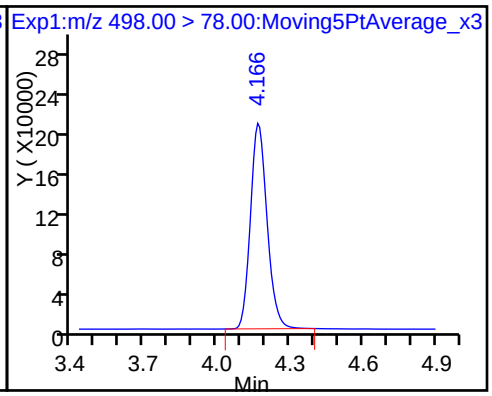
20 Perfluorononanoic acid



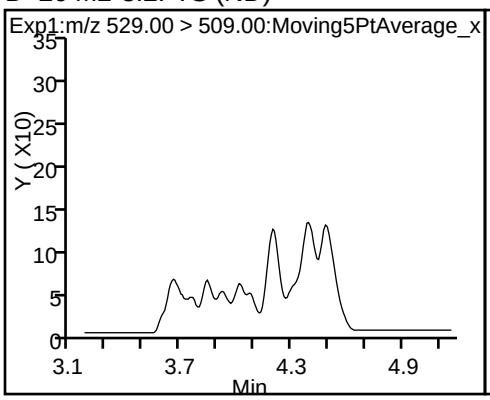
D 21 13C8 FOSA



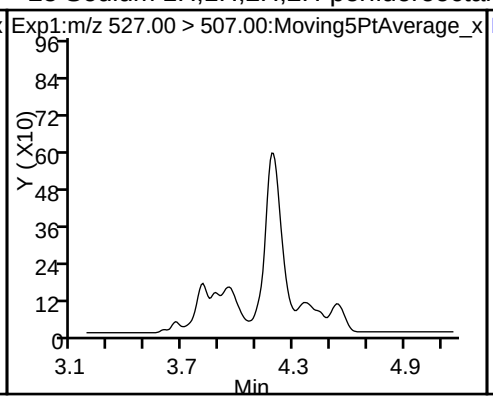
22 Perfluorooctane Sulfonamide



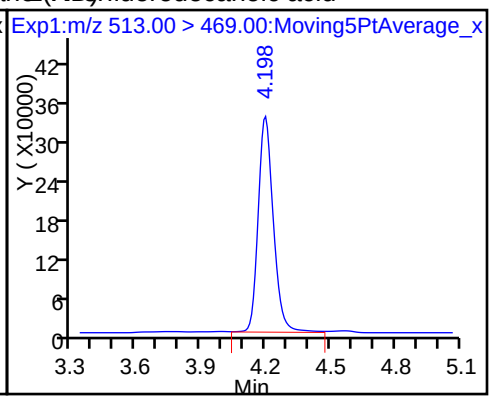
D 26 M2-8:2FTS (ND)



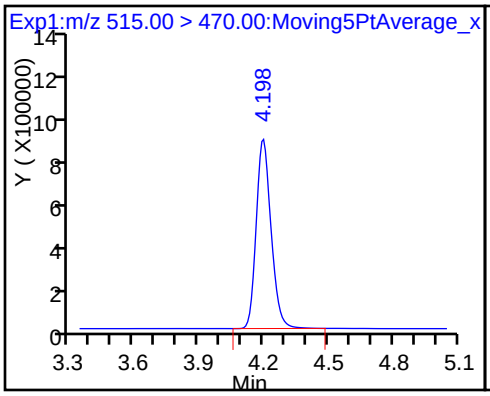
25 Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (ND)



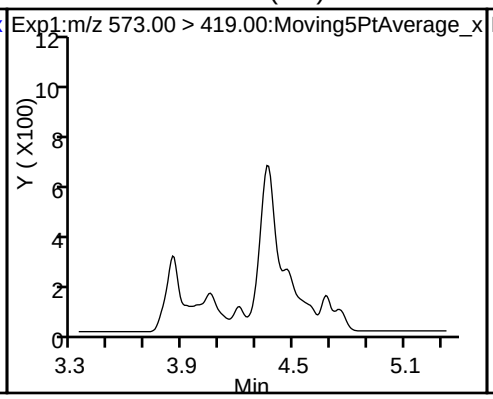
24 Perfluorodecanoic acid



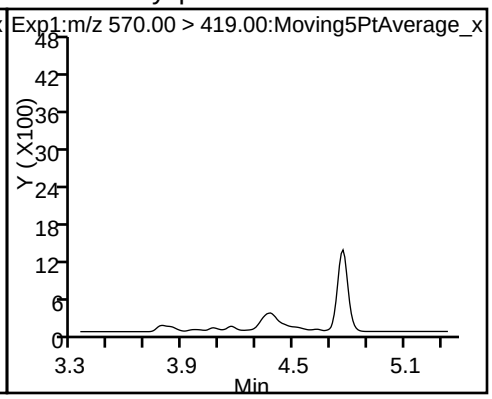
D 23 13C2 PFDA



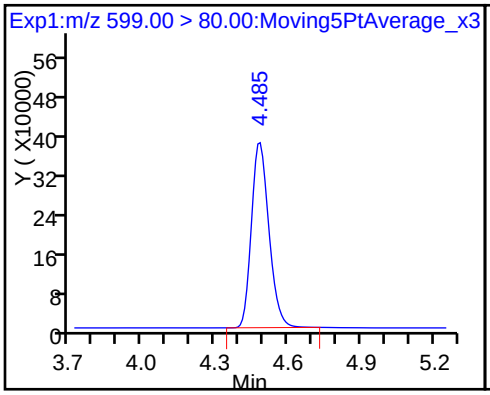
D 27 d3-NMeFOSAA (ND)



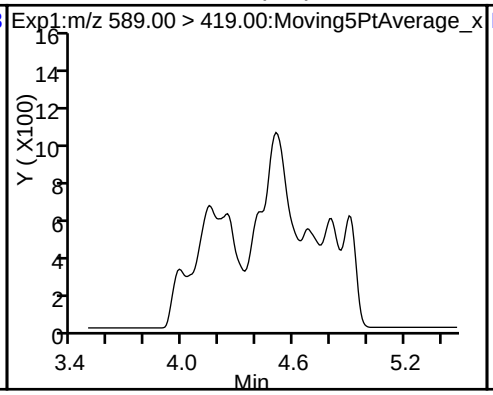
28 N-methyl perfluorooctane sulfonami (ND)



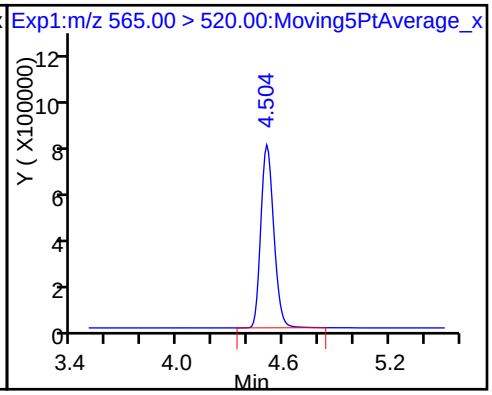
29 Perfluorodecane Sulfonic acid



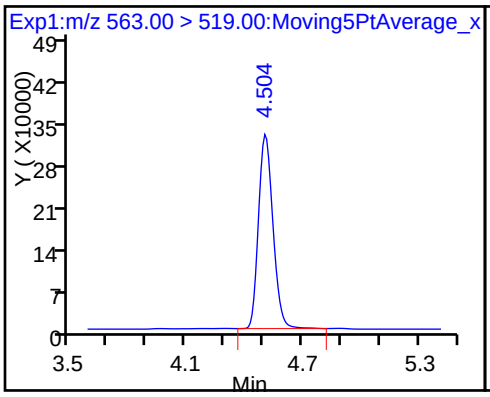
D 32 d5-NEtFOSAA (ND)



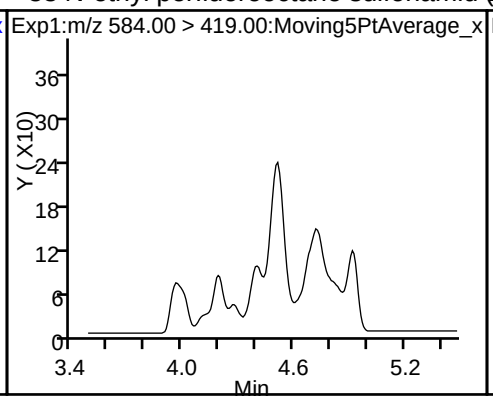
D 30 13C2 PFUnA



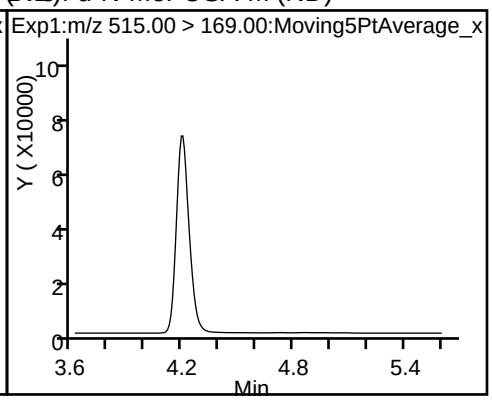
31 Perfluoroundecanoic acid



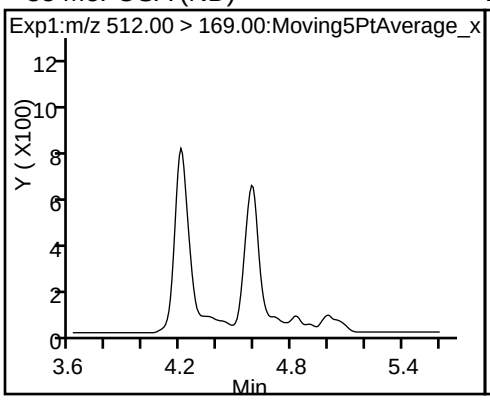
33 N-ethyl perfluorooctane sulfonamid (ND)



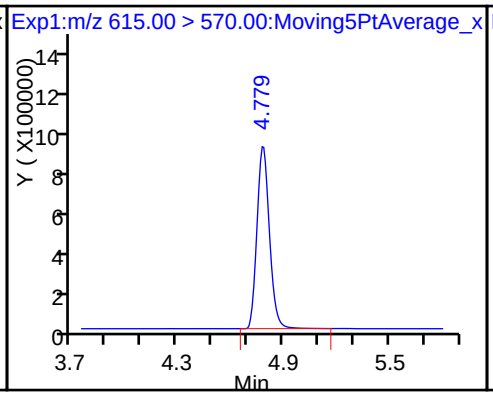
D 34 d-N-MeFOSA-M (ND)



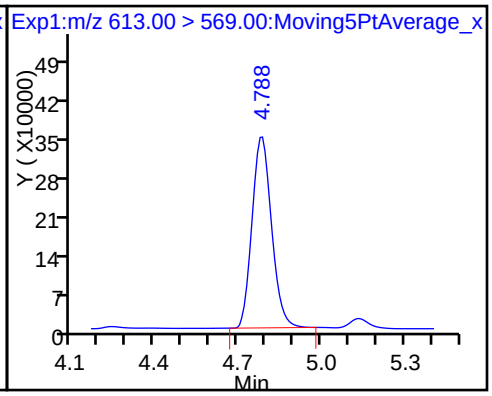
35 MeFOSA (ND)



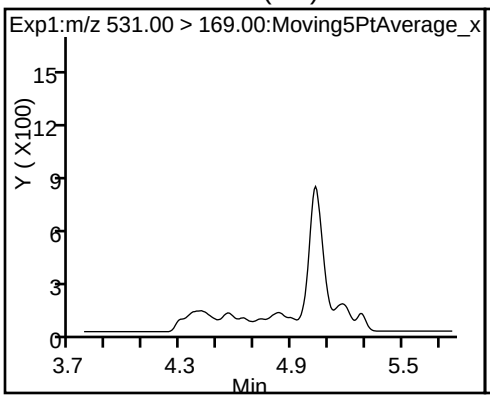
D 36 13C2 PFDoA



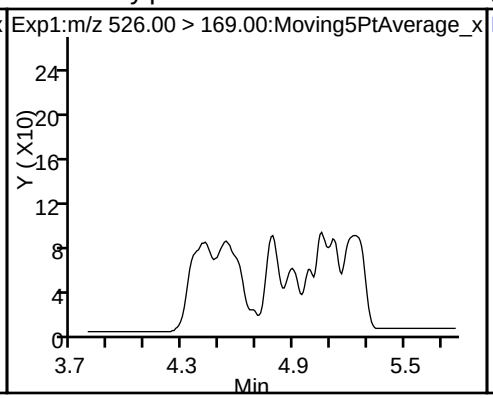
37 Perfluorododecanoic acid



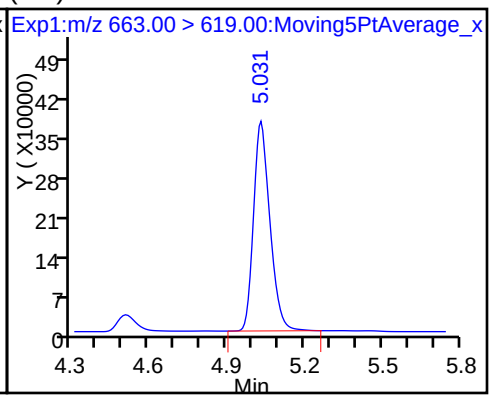
D 38 d-N-EtFOSA-M (ND)



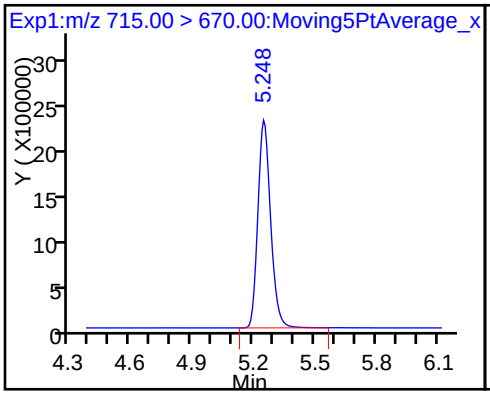
39 N-ethylperfluoro-1-octanesulfonami (ND)



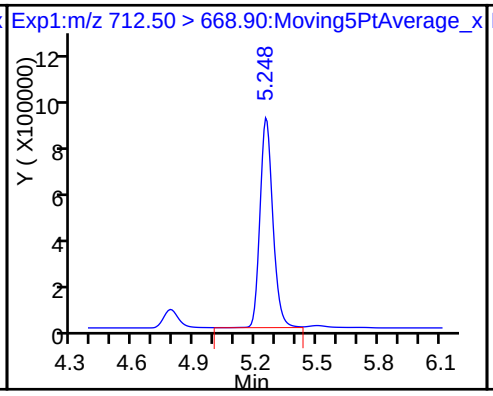
41 Perfluorotridecanoic acid



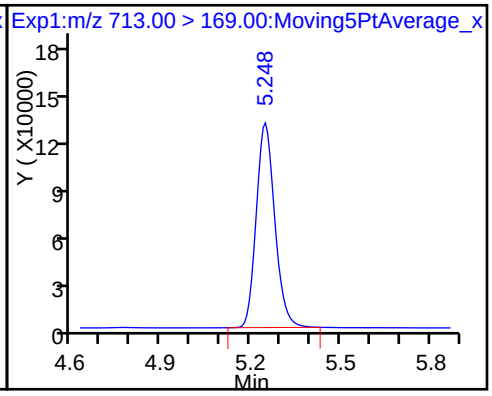
D 43 13C2-PFTeDA



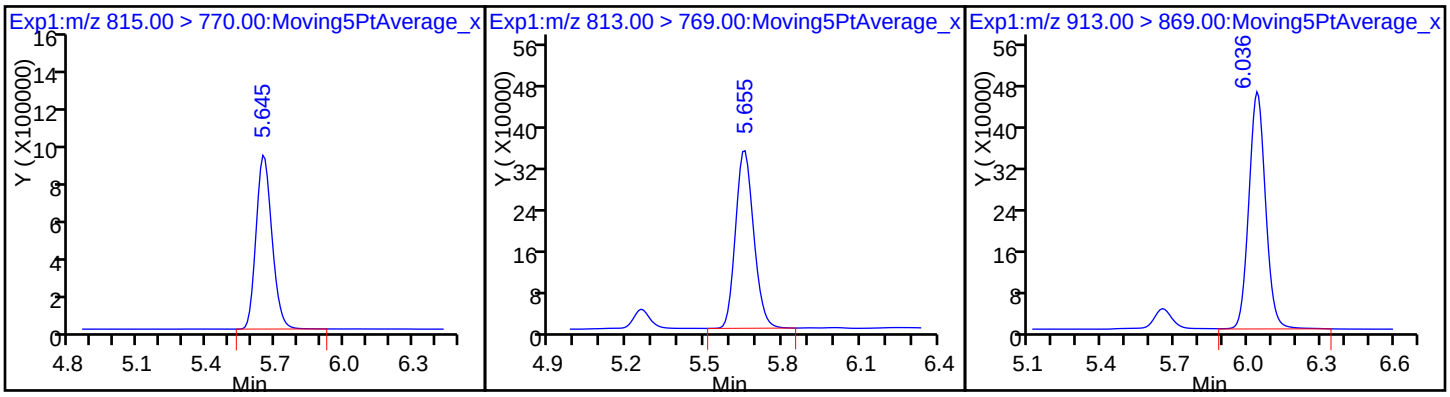
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-Unknown5-SB01-0204 MSD
Lab Sample ID: 320-28275-2 MSD
Matrix: Solid
Lab File ID: 2017.05.25C_042.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 11:23
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.06(g)
Date Analyzed: 05/25/2017 22:31
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 18.8
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	4.62		0.61	0.36	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	4.41		0.61	0.36	0.15
375-73-5	Perfluorobutanesulfonic acid (PFBS)	4.70		0.49	0.36	0.13

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	75		25-150
STL00991	13C4 PFOS	45		25-150
STL00994	18O2 PFHxS	73		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_042.d
Lims ID: 320-28275-A-2-C MSD
Client ID:
Sample Type: MSD
Inject. Date: 25-May-2017 22:31:32 ALS Bottle#: 6 Worklist Smp#: 7
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28275-a-2-c msd
Misc. Info.: Plate: 1 Rack: 6
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 26-May-2017 14:32:23 Calib Date: 22-May-2017 19:34:28
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170523-43375.b\2017.05.22D_CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK027

First Level Reviewer: westendorfc Date: 26-May-2017 14:24:52

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	1.952	1.937	0.015		11768576	31.6		63.1	86154	
2 Perfluorobutyric acid										
212.90 > 169.00	1.952	1.945	0.007	1.000	4766543	20.2		101	145	
D 3 13C5-PFPeA										
267.90 > 223.00	2.299	2.290	0.009		9904257	40.2		80.4	69337	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.299	2.290	0.009	1.000	3890397	18.1		90.6	380	
D 47 13C3-PFBS										
301.90 > 83.00	2.338	2.319	0.019		245972	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.348	2.329	0.019	1.000	7174934	19.3		109		
298.90 > 99.00	2.338	2.329	0.009	0.996	2623588		2.73(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.504	2.615	-0.111	1.000	4805	NR		0.0		
D 7 13C2 PFHxA										
315.00 > 270.00	2.672	2.653	0.019		8699693	35.6		71.2	75827	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.672	2.663	0.009	1.000	3369954	18.7		93.5	1525	
D 9 13C4-PFHpA										
367.00 > 322.00	3.062	3.042	0.020		8960245	40.1		80.1	65284	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.071	3.050	0.021	1.000	3756703	19.1		95.6	1143	
D 11 18O2 PFHxS										
403.00 > 84.00	3.071	3.058	0.013		11094514	34.4		72.8	45644	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.071	3.058	0.013	1.000	4919528	17.3		95.3		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.432	3.427	0.005	1.000	30141	NR		0.0		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
* 62 13C2-PFOA										
415.00 > 370.00	3.457	3.435	0.022		8164	49.5		0.0		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.457	3.435	0.022	1.000	3784182	26.3		138		
D 14 13C4 PFOA										
417.00 > 372.00	3.457	3.444	0.013		8497241	37.5		74.9	58997	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.457	3.444	0.013	1.000	3623796	19.0		95.0	441	
413.00 > 169.00	3.457	3.444	0.013	1.000	2059194		1.76(0.90-1.10)		4658	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.779	3.768	0.011	1.000	2268595	18.1		97.6	1316	
499.00 > 99.00	3.831	3.768	0.063	1.014	488127		4.65(0.90-1.10)		800	
D 18 13C4 PFOS										
503.00 > 80.00	3.831	3.812	0.019		5042689	21.5		45.0	13654	
D 19 13C5 PFNA										
468.00 > 423.00	3.840	3.821	0.019		6122183	35.1		70.2	25633	
20 Perfluorononanoic acid										
463.00 > 419.00	3.840	3.821	0.019	1.000	2516635	18.9		94.5	1459	
D 21 13C8 FOSA										
506.00 > 78.00	4.157	4.145	0.012		2479659	6.74		13.5	11824	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.157	4.145	0.012	1.000	950880	18.3		91.5	7084	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.182	4.171	0.011	1.000	1859271	20.0		100	999	
D 23 13C2 PFDA										
515.00 > 470.00	4.182	4.171	0.011		4557900	30.5		61.0	12080	
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.475	4.458	0.017	1.000	2012916	27.5		143		
D 30 13C2 PFUnA										
565.00 > 520.00	4.494	4.487	0.007		4204378	37.5		74.9	11541	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.494	4.487	0.007	1.000	1749315	17.7		88.6	1746	
D 36 13C2 PFDoA										
615.00 > 570.00	4.769	4.764	0.005		4608984	42.3		84.7	8415	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.769	4.764	0.005	1.000	1842456	19.7		98.5	405	
41 Perfluorotridecanoic acid										
663.00 > 619.00	5.017	5.010	0.007	1.000	1759837	19.0		95.1	330	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.240	5.234	0.006		10011915	46.5		93.0	14321	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.240	5.234	0.006	1.000	4231855	22.4		112	200	
713.00 > 169.00	5.240	5.234	0.006	1.000	571866		7.40(0.00-0.00)		3197	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.644	5.635	0.009		4382942	36.5		72.9	2857	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.644	5.635	0.009	1.000	1658894	16.7		83.4	105	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
46 Perfluorooctadecanoic acid										
913.00 > 869.00	6.027	6.021	0.006	1.000	2133915	18.4		91.8	152	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

NC - Not Calibrated

Report Date: 26-May-2017 14:32:34 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b\2017.05.25C_042.d

Injection Date: 25-May-2017 22:31:32 Instrument ID: A8_N

Lims ID: 320-28275-A-2-C MSD

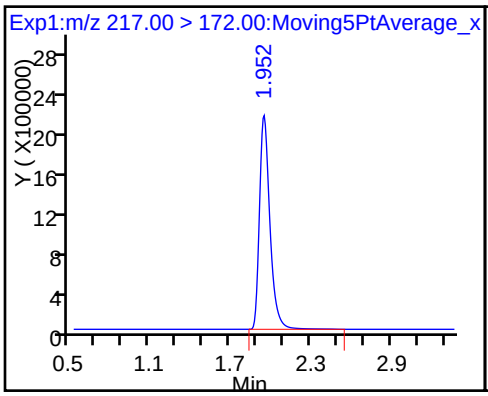
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 6 Worklist Smp#: 7

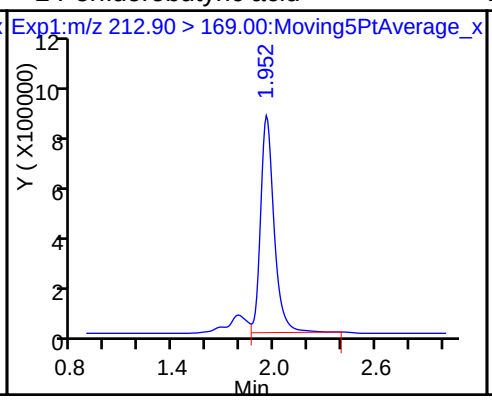
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

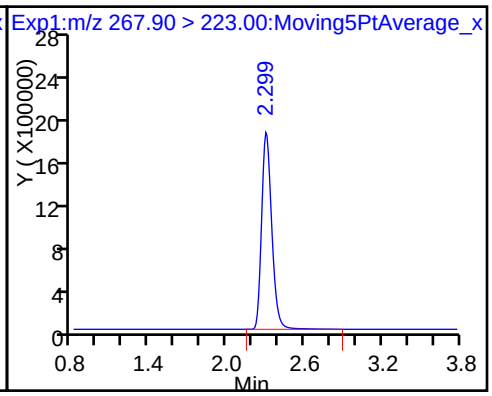
D 1 13C4 PFBA



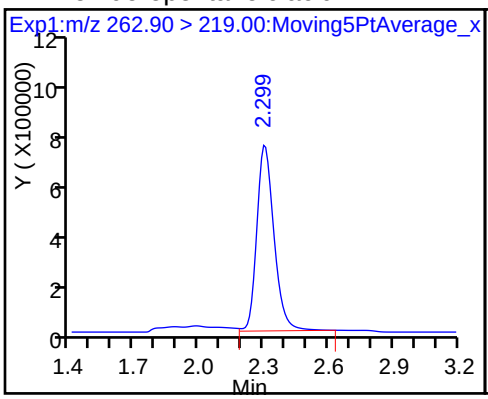
2 Perfluorobutyric acid



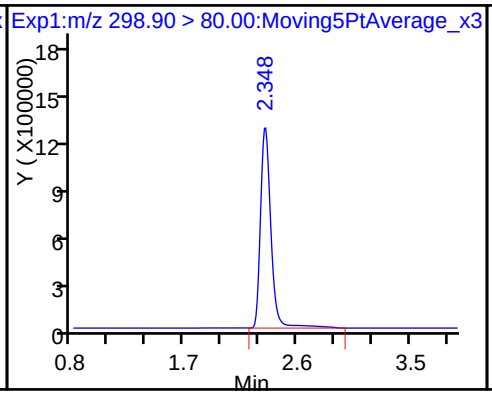
D 3 13C5-PFPeA



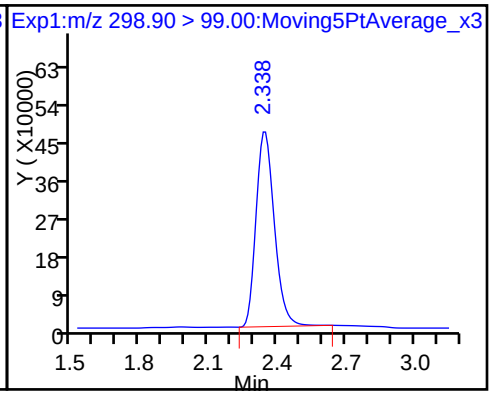
4 Perfluoropentanoic acid



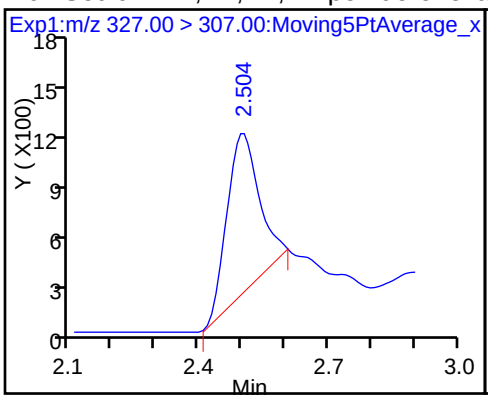
5 Perfluorobutanesulfonic acid



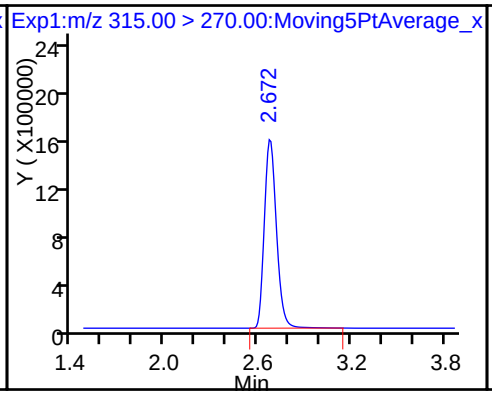
5 Perfluorobutanesulfonic acid



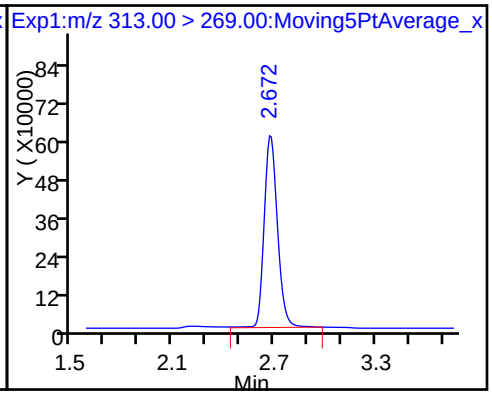
61 Sodium 1H,1H,2H,2H-perfluorohexa



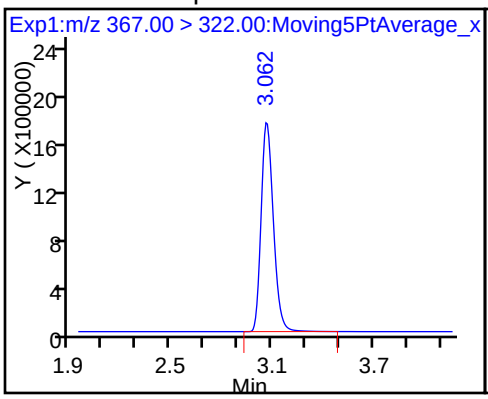
D 7 13C2 PFHxA



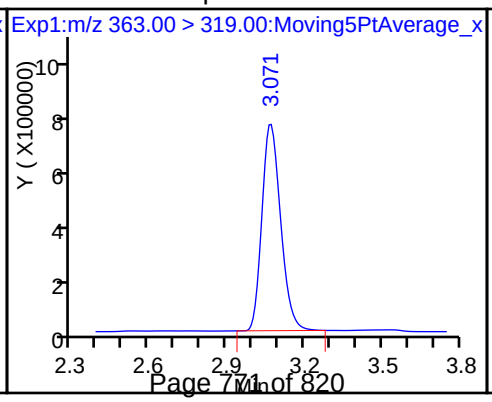
6 Perfluorohexanoic acid



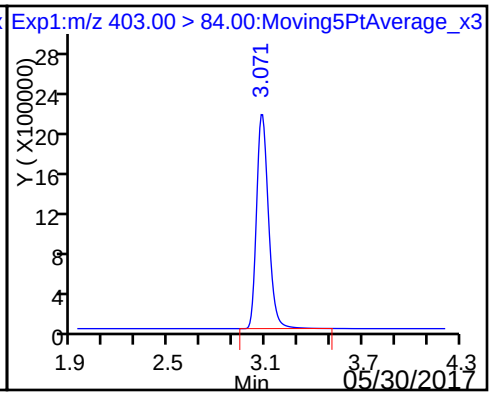
D 9 13C4-PFHpA



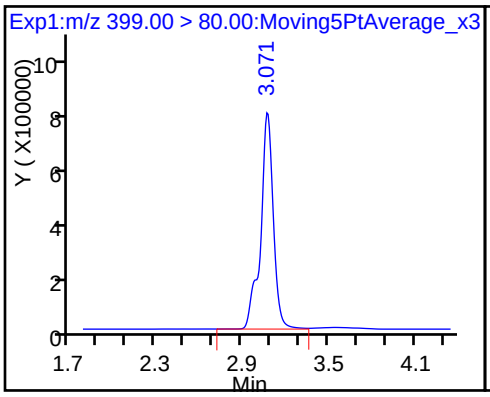
10 Perfluoroheptanoic acid



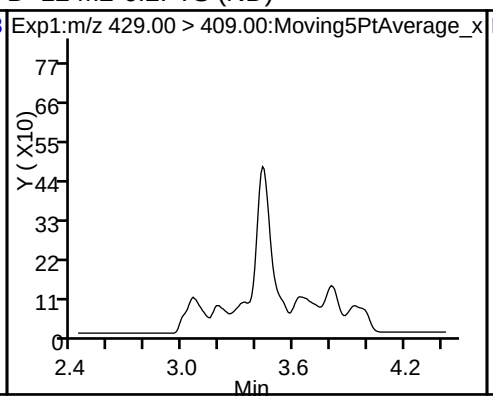
D 11 18O2 PFHxS



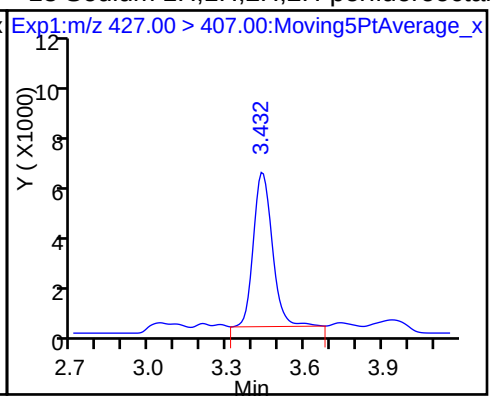
8 Perfluorohexanesulfonic acid



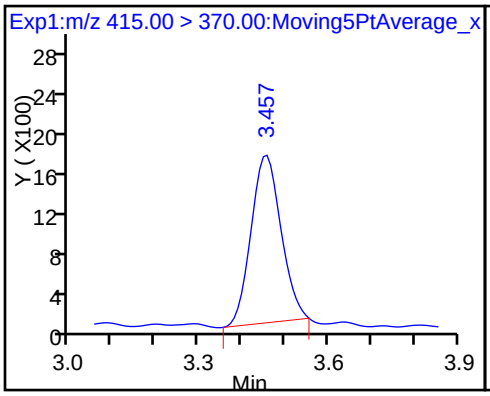
D 12 M2-6:2FTS (ND)



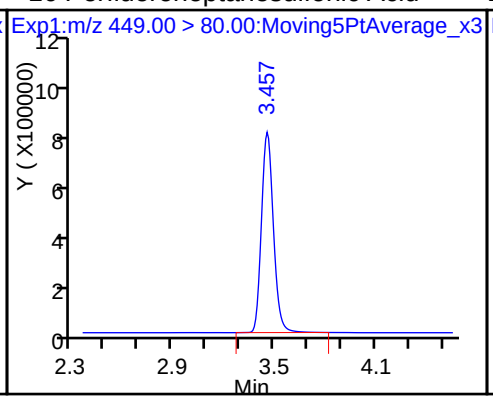
13 Sodium 1H,1H,2H,2H-perfluorooctane



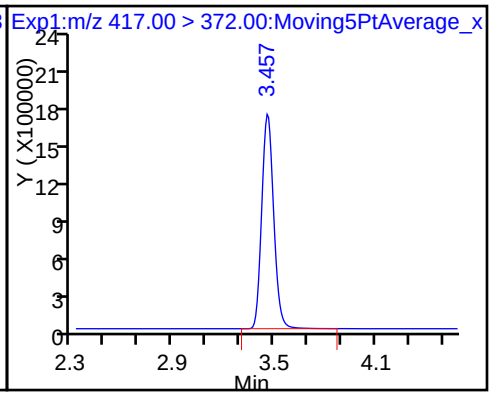
* 62 13C2-PFOA



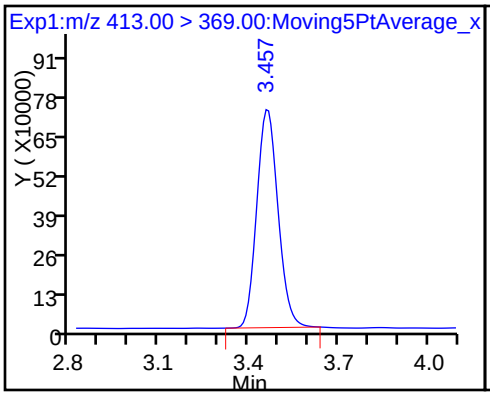
16 Perfluoroheptanesulfonic Acid



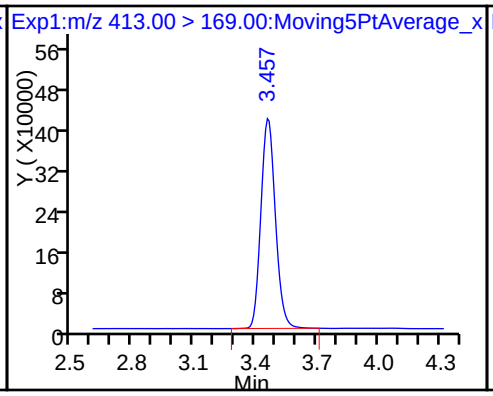
D 14 13C4 PFOA



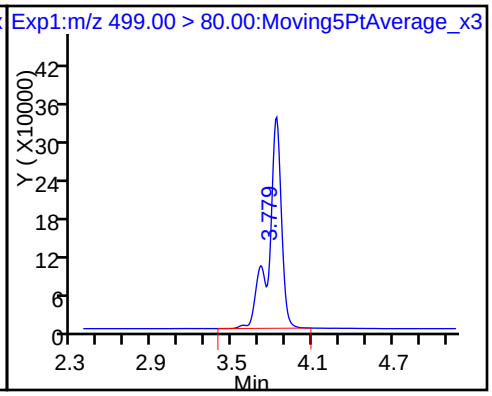
15 Perfluorooctanoic acid



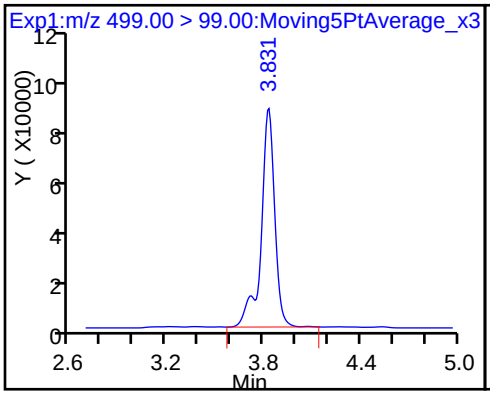
15 Perfluorooctanoic acid



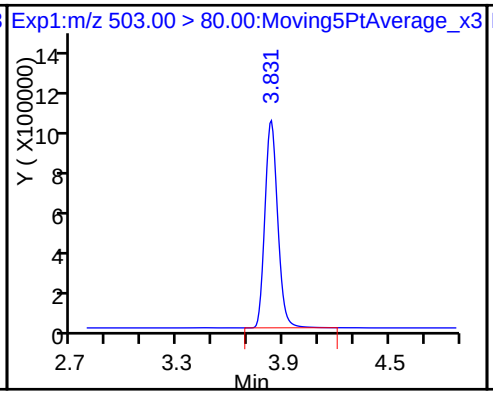
17 Perfluorooctane sulfonic acid



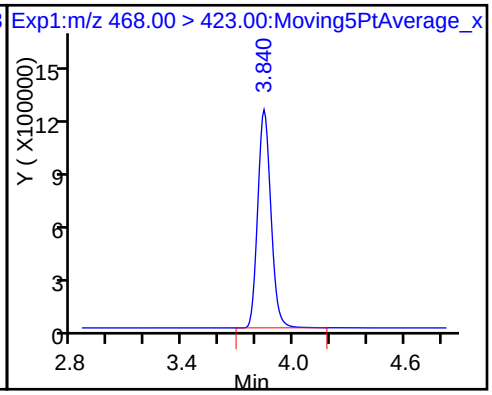
17 Perfluorooctane sulfonic acid



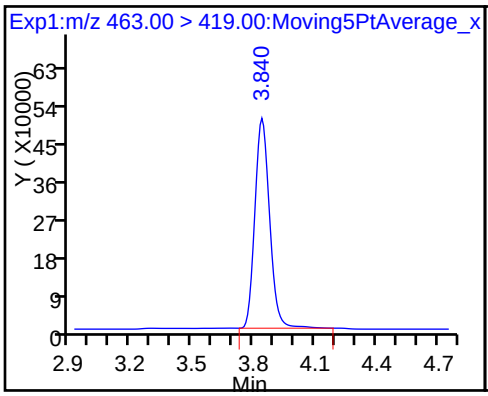
D 18 13C4 PFOS



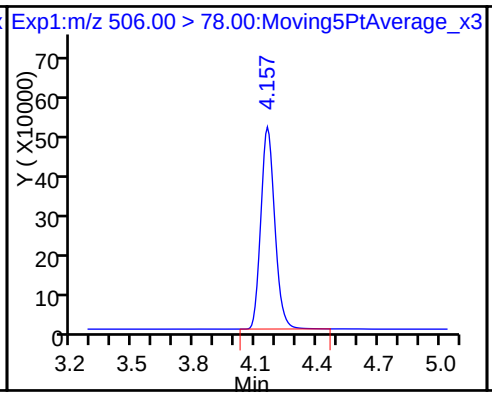
D 19 13C5 PFNA



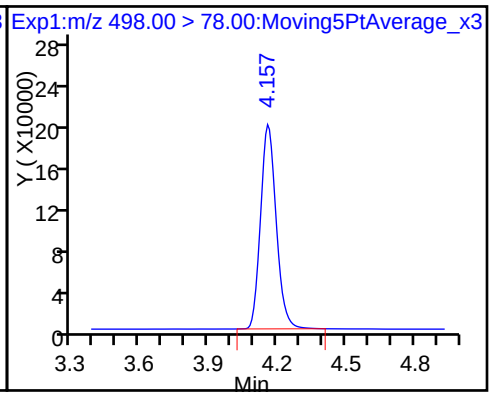
20 Perfluorononanoic acid



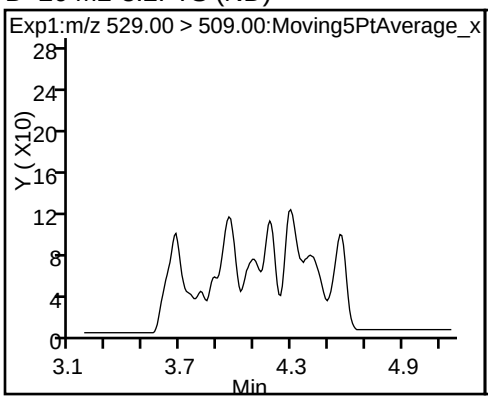
D 21 13C8 FOSA



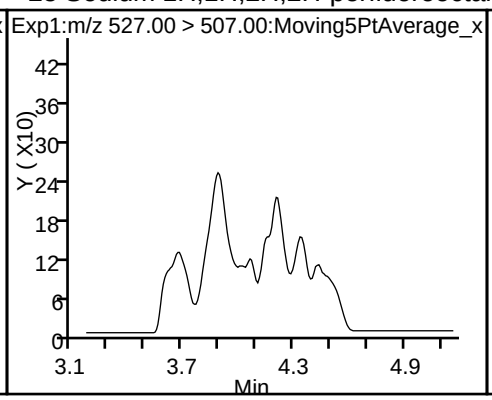
22 Perfluorooctane Sulfonamide



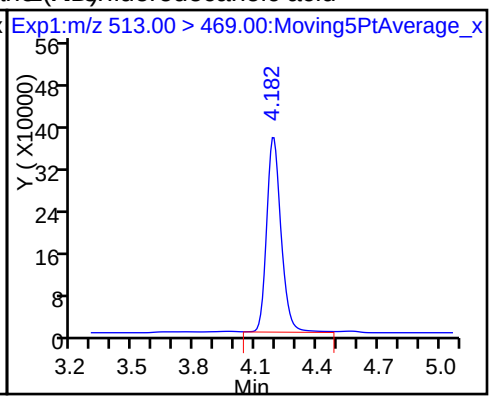
D 26 M2-8:2FTS (ND)



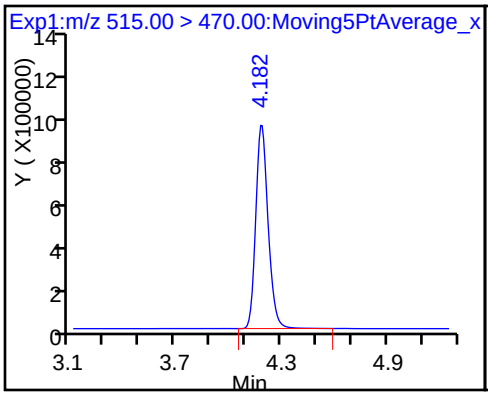
25 Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (ND)



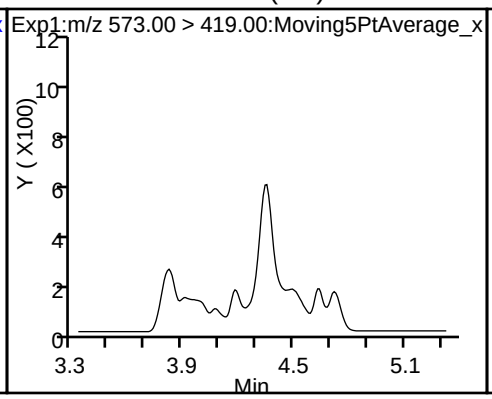
24 Perfluorodecanoic acid



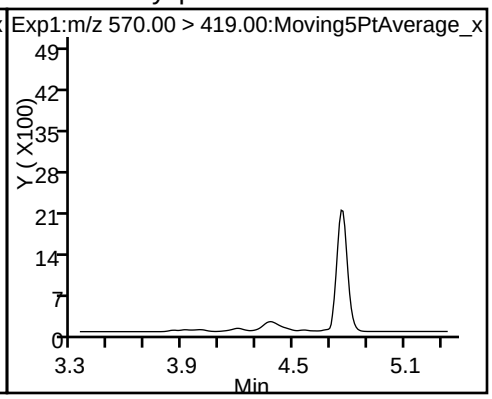
D 23 13C2 PFDA



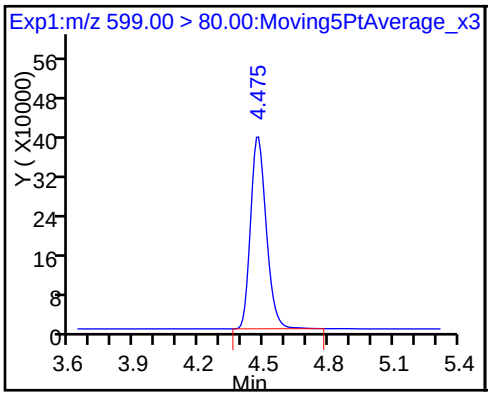
D 27 d3-NMeFOSAA (ND)



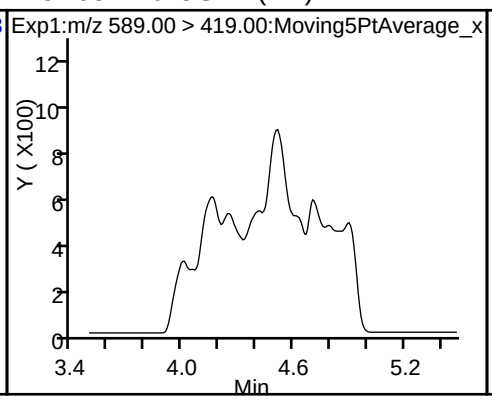
28 N-methyl perfluorooctane sulfonami (ND)



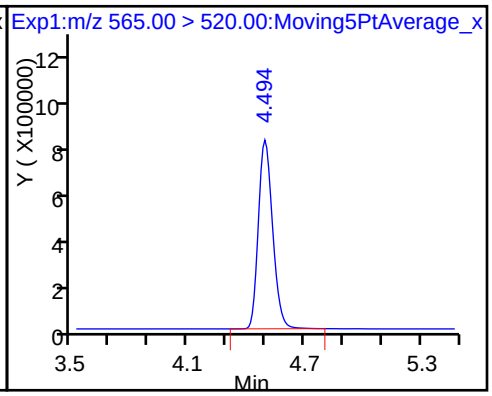
29 Perfluorodecane Sulfonic acid



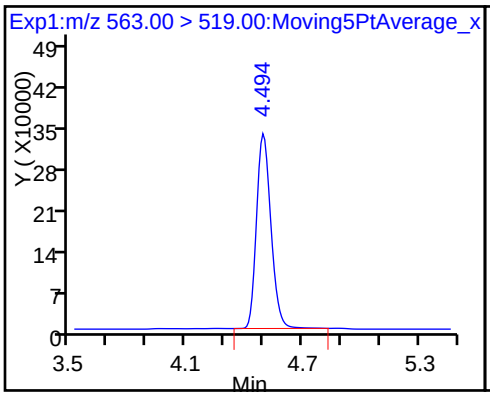
D 32 d5-NEtFOSAA (ND)



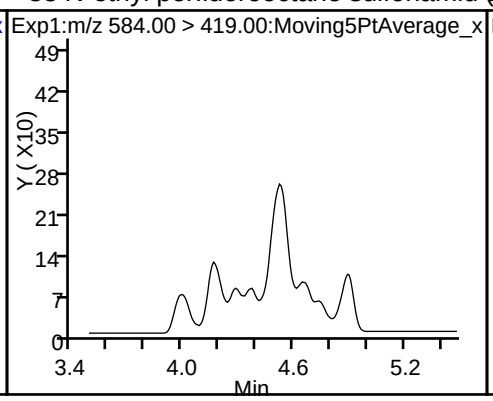
D 30 13C2 PFUnA



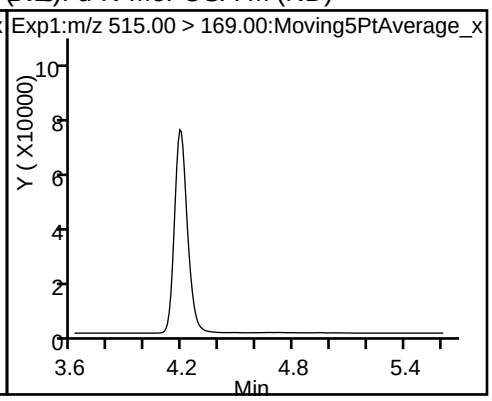
31 Perfluoroundecanoic acid



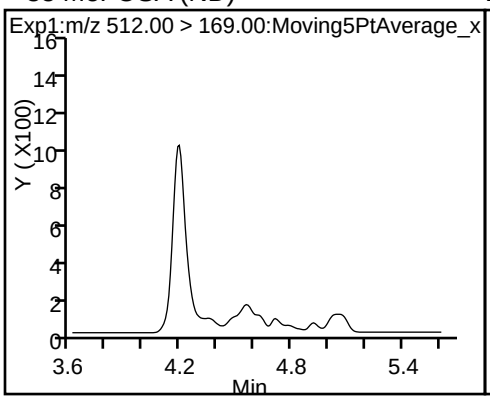
33 N-ethyl perfluorooctane sulfonamid (ND)



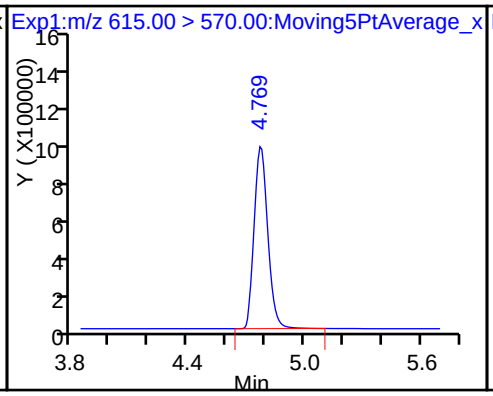
D 34 d-N-MeFOSA-M (ND)



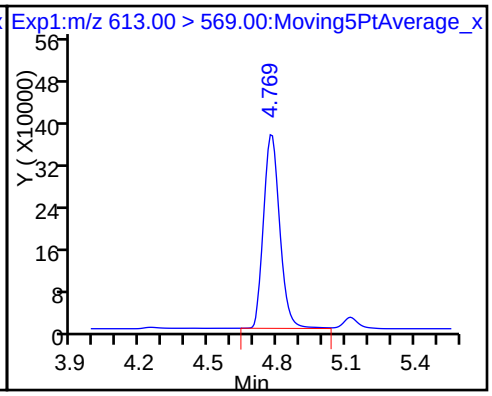
35 MeFOSA (ND)



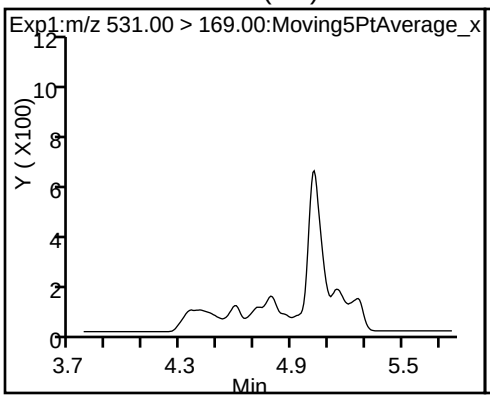
D 36 13C2 PFDoA



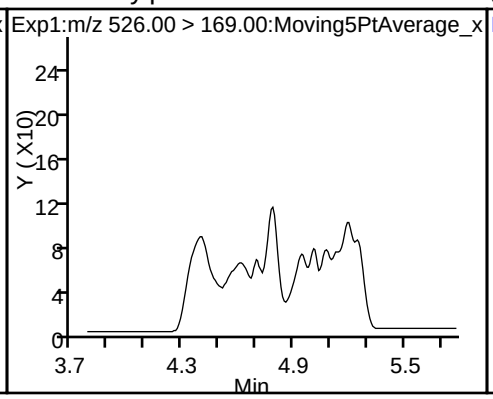
37 Perfluorododecanoic acid



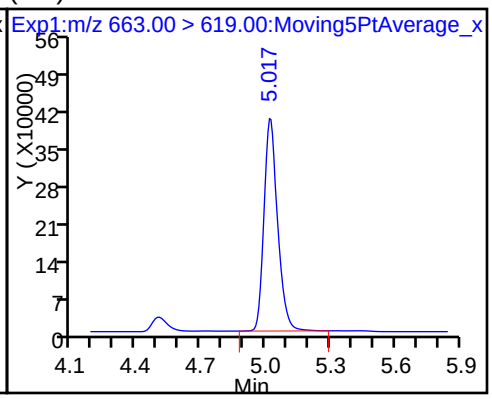
D 38 d-N-EtFOSA-M (ND)



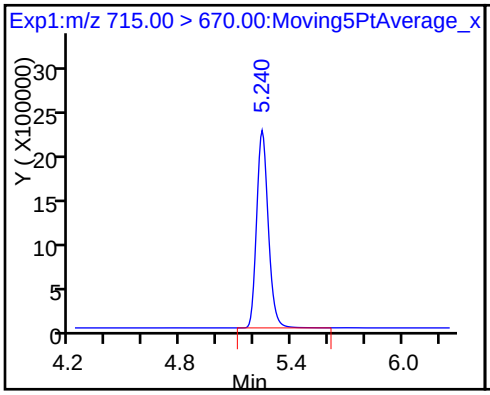
39 N-ethylperfluoro-1-octanesulfonami (ND)



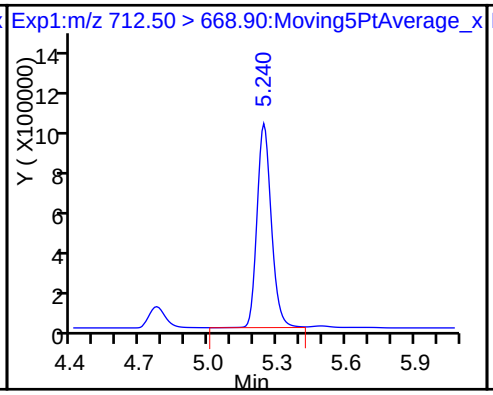
41 Perfluorotridecanoic acid



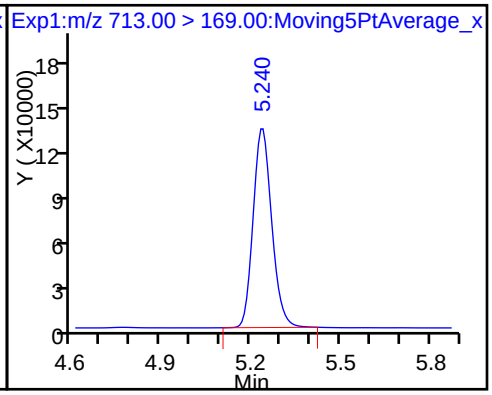
D 43 13C2-PFTeDA



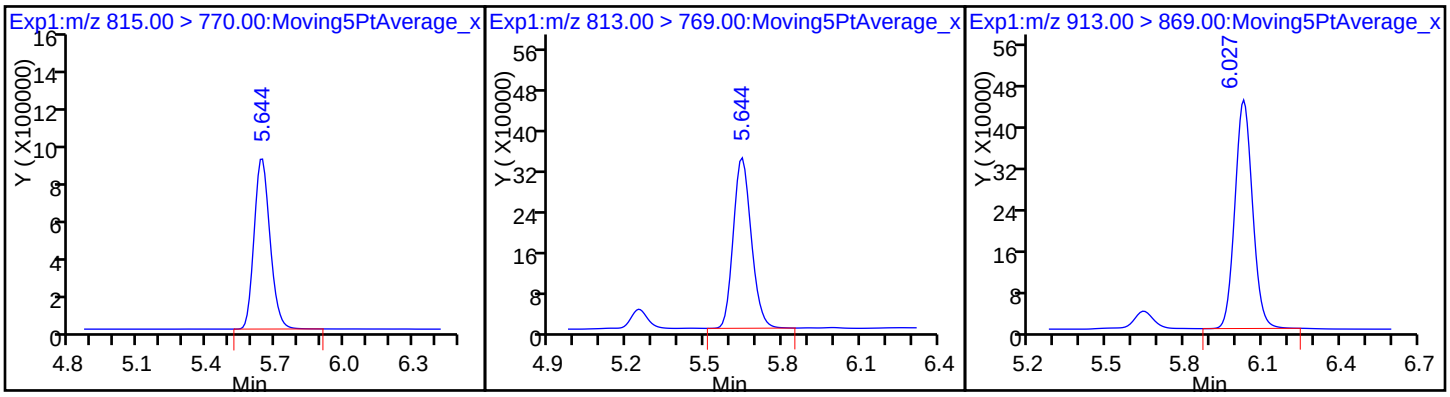
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



LCMS ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Instrument ID: A8_N Start Date: 05/18/2017 17:49

Analysis Batch Number: 165218 End Date: 05/18/2017 18:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 320-165218/2		05/18/2017 17:49	1	2017.05.18AA_003.d	GeminiC18 3x100 3(mm)
IC 320-165218/3		05/18/2017 17:57	1	2017.05.18AA_004.d	GeminiC18 3x100 3(mm)
IC 320-165218/4		05/18/2017 18:04	1	2017.05.18AA_005.d	GeminiC18 3x100 3(mm)
IC 320-165218/5		05/18/2017 18:12	1	2017.05.18AA_006.d	GeminiC18 3x100 3(mm)
IC 320-165218/6		05/18/2017 18:19	1	2017.05.18AA_007.d	GeminiC18 3x100 3(mm)
IC 320-165218/7		05/18/2017 18:27	1	2017.05.18AA_008.d	GeminiC18 3x100 3(mm)
IC 320-165218/8		05/18/2017 18:35	1	2017.05.18AA_009.d	GeminiC18 3x100 3(mm)
ICB 320-165218/10		05/18/2017 18:50	1		GeminiC18 3x100 3(mm)
ICV 320-165218/11		05/18/2017 18:57	1	2017.05.18AA_012.d	GeminiC18 3x100 3(mm)

537 (Modified)

LCMS ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Instrument ID: A8_N Start Date: 05/19/2017 06:44

Analysis Batch Number: 165301 End Date: 05/19/2017 10:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 320-165301/1		05/19/2017 06:44	1	2017.05.18D_001 .d	GeminiC18 3x100 3(mm)
MB 320-164983/1-A		05/19/2017 06:51	1	2017.05.18D_002 .d	GeminiC18 3x100 3(mm)
LCS 320-164983/2-A		05/19/2017 06:59	1	2017.05.18D_003 .d	GeminiC18 3x100 3(mm)
LCSD 320-164983/3-A		05/19/2017 07:06	1	2017.05.18D_004 .d	GeminiC18 3x100 3(mm)
320-28275-10		05/19/2017 07:14	1	2017.05.18D_005 .d	GeminiC18 3x100 3(mm)
320-28275-11		05/19/2017 07:21	1	2017.05.18D_006 .d	GeminiC18 3x100 3(mm)
320-28275-12		05/19/2017 07:29	1	2017.05.18D_007 .d	GeminiC18 3x100 3(mm)
320-28275-13		05/19/2017 07:36	1	2017.05.18D_008 .d	GeminiC18 3x100 3(mm)
CCV 320-165301/12		05/19/2017 08:06	1	2017.05.18D_012 .d	GeminiC18 3x100 3(mm)
CCV 320-165301/23		05/19/2017 09:29	1		GeminiC18 3x100 3(mm)
RINSE 320-165301/28		05/19/2017 10:06	1		GeminiC18 3x100 3(mm)
RINSE 320-165301/29		05/19/2017 10:14	1		GeminiC18 3x100 3(mm)
RINSE 320-165301/30		05/19/2017 10:21	1		GeminiC18 3x100 3(mm)
CCV 320-165301/32		05/19/2017 10:29	1		GeminiC18 3x100 3(mm)

537 (Modified)

LCMS ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Instrument ID: A8_N Start Date: 05/22/2017 18:42

Analysis Batch Number: 165657 End Date: 05/22/2017 19:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 320-165657/3		05/22/2017 18:42	1	2017.05.22D_CURVE_003.d	GeminiC18 3x100 3(mm)
IC 320-165657/4		05/22/2017 18:49	1	2017.05.22D_CURVE_004.d	GeminiC18 3x100 3(mm)
IC 320-165657/5		05/22/2017 18:56	1	2017.05.22D_CURVE_005.d	GeminiC18 3x100 3(mm)
IC 320-165657/6		05/22/2017 19:04	1	2017.05.22D_CURVE_006.d	GeminiC18 3x100 3(mm)
IC 320-165657/7		05/22/2017 19:12	1	2017.05.22D_CURVE_007.d	GeminiC18 3x100 3(mm)
IC 320-165657/8		05/22/2017 19:19	1	2017.05.22D_CURVE_008.d	GeminiC18 3x100 3(mm)
IC 320-165657/9		05/22/2017 19:26	1	2017.05.22D_CURVE_009.d	GeminiC18 3x100 3(mm)
ICB 320-165657/11		05/22/2017 19:41	1		GeminiC18 3x100 3(mm)
ICV 320-165657/12		05/22/2017 19:49	1	2017.05.22D_CURVE_012.d	GeminiC18 3x100 3(mm)
ZZZZZ		05/22/2017 19:56	1		GeminiC18 3x100 3(mm)

537 (Modified)

LCMS ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Instrument ID: A8_N Start Date: 05/25/2017 13:14

Analysis Batch Number: 166254 End Date: 05/25/2017 14:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVL 320-166254/1		05/25/2017 13:14	1	2017.05.25A_003 .d	GeminiC18 3x100 3(mm)
CCV 320-166254/2		05/25/2017 13:22	1		GeminiC18 3x100 3(mm)
ZZZZZ		05/25/2017 14:22	1		GeminiC18 3x100 3(mm)
CCV 320-166254/10		05/25/2017 14:29	1		GeminiC18 3x100 3(mm)

537 (Modified)

LCMS ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Instrument ID: A8_N Start Date: 05/25/2017 21:46

Analysis Batch Number: 166365 End Date: 05/26/2017 00:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 320-166365/1		05/25/2017 21:46	1	2017.05.25C_036 .d	GeminiC18 3x100 3(mm)
MB 320-165098/1-A		05/25/2017 21:53	1	2017.05.25C_037 .d	GeminiC18 3x100 3(mm)
LCS 320-165098/2-A		05/25/2017 22:01	1	2017.05.25C_038 .d	GeminiC18 3x100 3(mm)
320-28275-1		05/25/2017 22:09	1	2017.05.25C_039 .d	GeminiC18 3x100 3(mm)
320-28275-2		05/25/2017 22:16	1	2017.05.25C_040 .d	GeminiC18 3x100 3(mm)
320-28275-2 MS		05/25/2017 22:24	1	2017.05.25C_041 .d	GeminiC18 3x100 3(mm)
320-28275-2 MSD		05/25/2017 22:31	1	2017.05.25C_042 .d	GeminiC18 3x100 3(mm)
320-28275-3		05/25/2017 22:39	1	2017.05.25C_043 .d	GeminiC18 3x100 3(mm)
320-28275-4		05/25/2017 22:46	1	2017.05.25C_044 .d	GeminiC18 3x100 3(mm)
320-28275-5		05/25/2017 22:54	1	2017.05.25C_045 .d	GeminiC18 3x100 3(mm)
320-28275-6		05/25/2017 23:01	1	2017.05.25C_046 .d	GeminiC18 3x100 3(mm)
CCV 320-166365/12		05/25/2017 23:09	1	2017.05.25C_047 .d	GeminiC18 3x100 3(mm)
320-28275-7		05/25/2017 23:16	1	2017.05.25C_048 .d	GeminiC18 3x100 3(mm)
320-28275-8		05/25/2017 23:24	1	2017.05.25C_049 .d	GeminiC18 3x100 3(mm)
320-28275-9		05/25/2017 23:31	1	2017.05.25C_050 .d	GeminiC18 3x100 3(mm)
320-28275-14		05/25/2017 23:39	1	2017.05.25C_051 .d	GeminiC18 3x100 3(mm)
320-28275-15		05/25/2017 23:46	1	2017.05.25C_052 .d	GeminiC18 3x100 3(mm)
320-28275-16		05/25/2017 23:54	1	2017.05.25C_053 .d	GeminiC18 3x100 3(mm)
320-28275-17		05/26/2017 00:01	1	2017.05.25C_054 .d	GeminiC18 3x100 3(mm)
320-28275-18		05/26/2017 00:09	1	2017.05.25C_055 .d	GeminiC18 3x100 3(mm)
320-28275-19		05/26/2017 00:16	1	2017.05.25C_056 .d	GeminiC18 3x100 3(mm)
320-28275-20		05/26/2017 00:24	1	2017.05.25C_057 .d	GeminiC18 3x100 3(mm)
CCV 320-166365/23		05/26/2017 00:31	1	2017.05.25C_058 .d	GeminiC18 3x100 3(mm)
320-28275-21		05/26/2017 00:39	1	2017.05.25C_059 .d	GeminiC18 3x100 3(mm)
320-28275-22		05/26/2017 00:46	1	2017.05.25C_060 .d	GeminiC18 3x100 3(mm)
CCV 320-166365/26		05/26/2017 00:54	1	2017.05.25C_061 .d	GeminiC18 3x100 3(mm)

537 (Modified)

LCMS BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Batch Number: 164983 Batch Start Date: 05/17/17 14:18 Batch Analyst: Reed, Jonathan E

Batch Method: 3535 Batch End Date: 05/18/17 12:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	LCMPFCSU 00068	LCPFCSP 00092
MB 320-164983/1		3535, 537 (Modified)				250.00 mL	0.50 mL	500 uL	
LCS 320-164983/2		3535, 537 (Modified)				250.00 mL	0.50 mL	500 uL	500 uL
LCSD 320-164983/3		3535, 537 (Modified)				250.00 mL	0.50 mL	500 uL	500 uL
320-28275-A-10	DPTTankBlank-051117	3535, 537 (Modified)	T	341.25 g	28.94 g	312.3 mL	0.50 mL	500 uL	
320-28275-A-11	PressWashBlank-051117	3535, 537 (Modified)	T	314.01 g	28.56 g	285.5 mL	0.50 mL	500 uL	
320-28275-B-12	MEAFF-EB03-051117	3535, 537 (Modified)	T	309.50 g	28.69 g	280.8 mL	0.50 mL	500 uL	
320-28275-A-13	MEAFF-EB04-051117	3535, 537 (Modified)	T	300.19 g	29.12 g	271.1 mL	0.50 mL	500 uL	

Batch Notes	
Balance ID	QA-070
Batch Comment	0.1N NaOH/H2O: 924543
H2O ID	5/17/17
Hexane ID	921666
Manifold ID	2, 11
Methanol ID	924275
Pipette ID	MD05306
Analyst ID - Reagent Drop	VPM
Analyst ID - SU Reagent Drop	VPM
Analyst ID - SU Reagent Drop Witness	JER
Solvent Lot #	926809
Solvent Name	0.3% NH4OH/MEOH
SOP Number	WS-LC-0025
SPE Cartridge Type	WAX 500mg
Solid Phase Extraction Disk ID	002836112A

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

LCMS BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Batch Number: 165098 Batch Start Date: 05/18/17 10:15 Batch Analyst: Arauz, Horacio J

Batch Method: SHAKE Batch End Date: 05/25/17 12:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	LCMPFCSU 00068	LCPFCSP 00092		
MB 320-165098/1		SHAKE, 537 (Modified)		5.00 g	1.00 mL	1 mL			
LCS 320-165098/2		SHAKE, 537 (Modified)		5.00 g	1.00 mL	1 mL	1 mL		
320-28275-A-1	MEAFF-Unknown5-SB01-0001	SHAKE, 537 (Modified)	T	5.01 g	1.00 mL	1 mL			
320-28275-A-2	MEAFF-Unknown5-SB01-0204	SHAKE, 537 (Modified)	T	4.97 g	1.00 mL	1 mL			
320-28275-A-2 MS	MEAFF-Unknown5-SB01-0204	SHAKE, 537 (Modified)	T	5.05 g	1.00 mL	1 mL	1 mL		
320-28275-A-2 MSD	MEAFF-Unknown5-SB01-0204	SHAKE, 537 (Modified)	T	5.06 g	1.00 mL	1 mL	1 mL		
320-28275-A-3	MEAFF-TA-4_SOUTH-SB01-0001	SHAKE, 537 (Modified)	T	5.02 g	1.00 mL	1 mL			
320-28275-A-4	MEAFF-TA-4_SOUTH-SB01-0204	SHAKE, 537 (Modified)	T	5.01 g	1.00 mL	1 mL			
320-28275-A-5	MEAFF-FD05-051117	SHAKE, 537 (Modified)	T	4.96 g	1.00 mL	1 mL			
320-28275-A-6	MEAFF-T45C_05_2008-SB01-0406	SHAKE, 537 (Modified)	T	5.07 g	1.00 mL	1 mL			
320-28275-A-7	MEAFF-T45C_05_2008-SB01-0608	SHAKE, 537 (Modified)	T	5.05 g	1.00 mL	1 mL			
320-28275-A-8	MEAFF-T45C_2003-SB01-0001	SHAKE, 537 (Modified)	T	5.04 g	1.00 mL	1 mL			
320-28275-A-9	MEAFF-T45C_2003-SB01-0204	SHAKE, 537 (Modified)	T	4.99 g	1.00 mL	1 mL			
320-28275-A-14	MEAFF-Unknown6-SB01-0001	SHAKE, 537 (Modified)	T	5.07 g	1.00 mL	1 mL			
320-28275-A-15	MEAFF-Unknown6-SB01-0204	SHAKE, 537 (Modified)	T	5.02 g	1.00 mL	1 mL			
320-28275-A-16	MEAFF-T-45C_2004-SB01-0001	SHAKE, 537 (Modified)	T	4.98 g	1.00 mL	1 mL			
320-28275-A-17	MEAFF-T-45C_2004-SB01-0204	SHAKE, 537 (Modified)	T	5.08 g	1.00 mL	1 mL			
320-28275-A-18	MEAFF-T-2C_1996-SB01-0001	SHAKE, 537 (Modified)	T	4.97 g	1.00 mL	1 mL			
320-28275-A-19	MEAFF-T-2C_1996-SB01-0204	SHAKE, 537 (Modified)	T	5.03 g	1.00 mL	1 mL			
320-28275-A-20	MEAFF-TA-4J_1984-SB01-0001	SHAKE, 537 (Modified)	T	4.97 g	1.00 mL	1 mL			
320-28275-A-21	MEAFF-TA-4J_1984-SB01-0204	SHAKE, 537 (Modified)	T	4.97 g	1.00 mL	1 mL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

LCMS BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Batch Number: 165098 Batch Start Date: 05/18/17 10:15 Batch Analyst: Arauz, Horacio J

Batch Method: SHAKE Batch End Date: 05/25/17 12:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	LCMPFCSU 00068	LCPFCSP 00092		
320-28275-A-22	MEAFF-FD06-051217	SHAKE, 537 (Modified)	T	5.01 g	1.00 mL	1 mL			

Batch Notes	
Acetic Acid ID	429065
Balance ID	QA-070
Batch Comment	Spike Bottle #2
Hexane ID	921664
Manifold ID	6,8
Methanol ID	924280
Methanolic Potassium Hydroxide ID	923364
Millipore Water Dispense Date	5-18-17
Sodium Hydroxide ID	924542
Ammonium Hydroxide/MeOH ID	932747
Analyst ID - Reagent Drop Witness	Bottle#1 VPM
Blank Sand Lot #	162639
SPE Cartridge ID	017037054A
SPE Cartridge Type	WAX 150mg

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

West Sacramento

HPLC/LCMS Data Review Checklist

Job Number(s): 28275; 28268

Work List ID(s): 43287

Extraction Batch: 164983

Analysis Batch(es): ~~1650~~ 163 SBC 5/19/17 SBC 5/19/17 165301; 165302

Delivery Rank 4

Due Date: 5/19/17; 5/25/17

A. Calibration/Instrument Run QC	1st Level	2nd Level	N/A
1. ICAL locked in Chrom and TALS? ICAL Batch# 165218; 165221	✓	✓	
2. ICAL, CCV Frequency & Criteria met.	✓	✓	
• $RF_{average}$ criteria appropriate for the method.	✓	✓	
• Linear Regression criteria appropriate if required ($r \geq 0.995$).	✓	✓	
• Quadratic fit criteria appropriate if required ($r^2 \geq 0.990$).			✓
• For Linear Regression and Quadratic fit – Does the y-intercept support ½ the reporting limit as described in CA-Q-S-005?	✓	✓	
• All curve points show calculated concentrations.	✓	✓	
3. Peaks correctly ID'd by data system.	✓	✓	
5. Tune check frequency & criteria met and Tune check report attached.	✓	✓	
B. QA/QC			
1. Are all QC samples properly linked in TALS?	✓	✓	
2. Method blank, LCS/LCSD and MS/SD frequencies met.	✓	✓	
3. LCS/LCSD and MB data are within control limits. If not, NCM is present.	✓	✓	
4. Are MS/MSD recoveries and RPD within control limits?	✓	✓	
5. Holding Times were met for prep and analytical.	✓	✓	
6. IS/Surrogate recoveries meet criteria or properly noted.	✓	✓	
C. Sample Analysis			
1. Was correct analysis performed and were project instructions followed?	✓	✓	
2. If required, are compounds within RT windows?	✓	✓	
3. If required, are positive hits confirmed and >40% RPD flagged?			✓
4. Manual Integrations reviewed and appropriate.	✓	✓	
5. All analytes correctly reported. (Primary, secondary, acceptable status)	✓	✓	
6. Correct reporting limits used. (based on client request, prep factors, and dilutions)	✓	✓	
D. Documentation			
1. Are all non-conformances documented/attached? NCM# 88116	✓	✓	
2. Do results make sense (e.g. dilutions, etc.)?	✓	✓	
3. Have all flags been reviewed for appropriateness?	✓	✓	
4. For level 3 and 4 reports, have forms and raw data been reviewed?		✓	
5. Was QC Checker run for this job?	✓	✓	

**Upon completion of this checklist, the reviewer must scan and attach the checklist to the TALS job.*

1st Level (Analyst): [signature] Date: 5/19/17

2nd Level Reviewer: MLWay Date: 5/22/2017

TestAmerica Laboratories
Worklist QC Batch Report

Worklist Name: 18MAY2017D_PFC Worklist Number: 43287
Instrument Name: A8_N Chrom Method: A8_N
Data Directory: \\ChromNa\Sacramento\ChromData\A8_N\20170519-43287.b
QC Batching: Disabled Limit Group Batching: Enabled

QC Batch: 1	LC PFC_DOD ICAL Raw Batch: 165301	LC PFC ICAL Raw Batch: 165302
# 1 CCV L4	# 1 CCV L4	# 1 CCV L4
# 2 MB 320-164983/1-A	# 2 MB 320-164983/1-A	# 2 MB 320-164983/1-A
# 3 LCS 320-164983/2-A	# 3 LCS 320-164983/2-A	# 3 LCS 320-164983/2-A
# 4 LCSD 320-164983/3-A	# 4 LCSD 320-164983/3-A	# 4 LCSD 320-164983/3-A
# 5 320-28275-A-10-A	# 5 320-28275-A-10-A	
# 6 320-28275-A-11-A	# 6 320-28275-A-11-A	
# 7 320-28275-B-12-A	# 7 320-28275-B-12-A	
# 8 320-28275-A-13-A	# 8 320-28275-A-13-A	
# 9 320-28268-A-1-A		# 9 320-28268-A-1-A
#10 320-28268-A-2-A		#10 320-28268-A-2-A
#11 320-28268-A-3-A		#11 320-28268-A-3-A
#12 CCV L5	#12 CCV L5	#12 CCV L5
#13 320-28268-A-4-A		#13 320-28268-A-4-A
#14 320-28268-A-5-A		#14 320-28268-A-5-A
#15 320-28268-A-6-A		#15 320-28268-A-6-A
#16 320-28268-A-7-A	Tune NCM 88116	#16 320-28268-A-7-A
#17 320-28268-A-8-A		#17 320-28268-A-8-A
#18 320-28268-A-8-B MS		#18 320-28268-A-8-B MS
#19 320-28268-A-9-A		#19 320-28268-A-9-A
#20 320-28268-A-10-A		#20 320-28268-A-10-A
#21 320-28268-A-11-A		#21 320-28268-A-11-A
#22 320-28268-A-12-A		#22 320-28268-A-12-A
#23 CCV L4	#23 CCV L4	#23 CCV L4
#24 320-28268-A-13-A		#24 320-28268-A-13-A
#25 320-28268-A-14-A		#25 320-28268-A-14-A
#26 320-28268-A-15-A		#26 320-28268-A-15-A
#27 320-28268-A-16-A		#27 320-28268-A-16-A
#28 RINSE	#28 RINSE	#28 RINSE
#29 RINSE	#29 RINSE	#29 RINSE
#30 RINSE	#30 RINSE	#30 RINSE
#31 RINSE	#31 RINSE	#31 RINSE
#32 CCV L5	#32 CCV L5	#32 CCV L5

Same Day of ICAL 165218 165221

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Aqueous Extraction Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-164983

Analyst: Reed, Jonathan E

Batch Open: 5/17/2017 2:18:00PM

Method Code: 320-3535_IVWT-320

Batch End: 5-18-17 12:10

Caution: Screen Samples

Solid-Phase Extraction (SPE)

	Input Sample Lab ID (Analytical Method)	SDG (Job #)	GrossWt TareWt	InitAmnt FinAmnt	PHs Rcvd	PHs Adj1	PHs Adj2	Due Date	Analytical TAT	Div Rank	Comments	Output Sample Lab ID
1	MB~320-164983/1 N/A	N/A		250.00 mL				N/A	N/A	N/A		MB 320-164983/1-A
				0.50 mL								
2	LCS~320-164983/2 N/A	N/A		250.00 mL				N/A	N/A	N/A		LCS 320-164983/2-A
				0.50 mL								
3	LCSD~320-164983/3 N/A	N/A		250.00 mL				N/A	N/A	N/A		LCSD 320-164983/3-A
				0.50 mL								
4	320-28275-A-10 (PFC_IDA_DOD5)	N/A (320-28275-1)	341.25 g	312.3 mL				5/19/17	23_Days	4		320-28275-A-10-A
			28.94 g	0.50 mL								
5	320-28275-A-11 (PFC_IDA_DOD5)	N/A (320-28275-1)	314.01 g	285.5 mL				5/19/17	23_Days	4		320-28275-A-11-A
			28.56 g	0.50 mL								
6	320-28275-B-12 (PFC_IDA_DOD5)	N/A (320-28275-1)	309.50 g	280.8 mL				5/19/17	23_Days	4		320-28275-B-12-A
			28.69 g	0.50 mL								
7	320-28275-A-13 (PFC_IDA_DOD5)	N/A (320-28275-1)	300.19 g	271.1 mL				5/19/17	23_Days	4		320-28275-A-13-A
			29.12 g	0.50 mL								
8	320-28268-A-1 (PFC_IDA)	N/A (320-28268-1)	309.27 g	281.9 mL				5/25/17	8_Days	4		320-28268-A-1-A
			27.37 g	0.50 mL								
9	320-28268-A-2 (PFC_IDA)	N/A (320-28268-1)	307.49 g	279.7 mL				5/25/17	8_Days	4		320-28268-A-2-A
			27.75 g	0.50 mL								
10	320-28268-A-3 (PFC_IDA)	N/A (320-28268-1)	298.63 g	270.6 mL				5/25/17	8_Days	4		320-28268-A-3-A
			28.02 g	0.50 mL								

Aqueous Extraction Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-164983 | Analyst: Reed, Jonathan E | Batch Open: 5/17/2017 2:18:00PM

Method Code: 320-3535_IVWT-320 | Batch End:

11	320-28268-A-4 (PFC_IDA)	N/A (320-28268-1)	304.91 g 26.56 g	278.4 mL 0.50 mL				5/25/17	8_Days	4	320-28268-A-4-A
12	320-28268-A-5 (PFC_IDA)	N/A (320-28268-1)	291.57 g 26.77 g	264.8 mL 0.50 mL				5/25/17	8_Days	4	320-28268-A-5-A
13	320-28268-A-6 (PFC_IDA)	N/A (320-28268-1)	309.57 g 27.87 g	281.7 mL 0.50 mL				5/25/17	8_Days	4	320-28268-A-6-A
14	320-28268-A-7 (PFC_IDA)	N/A (320-28268-1)	308.90 g 26.97 g	281.9 mL 0.50 mL				5/25/17	8_Days	4	320-28268-A-7-A
15	320-28268-A-8 (PFC_IDA)	N/A (320-28268-1)	297.16 g 27.32 g	269.8 mL 0.50 mL				5/25/17	8_Days	4	320-28268-A-8-A
16	320-28268-A-8-MS (PFC_IDA)	N/A (320-28268-1)	313.53 g 27.98 g	285.6 mL 0.50 mL				5/25/17	8_Days	4	320-28268-A-8-B MS
17	320-28268-A-9 (PFC_IDA)	N/A (320-28268-1)	299.63 g 26.75 g	272.9 mL 0.50 mL				5/25/17	8_Days	4	320-28268-A-9-A
18	320-28268-A-10 (PFC_IDA)	N/A (320-28268-1)	324.70 g 27.84 g	296.9 mL 0.50 mL				5/25/17	8_Days	4	320-28268-A-10-A
19	320-28268-A-11 (PFC_IDA)	N/A (320-28268-1)	317.03 g 27.45 g	289.6 mL 0.50 mL				5/25/17	8_Days	4	320-28268-A-11-A
20	320-28268-A-12 (PFC_IDA)	N/A (320-28268-1)	309.90 g 27.11 g	282.8 mL 0.50 mL				5/25/17	8_Days	4	320-28268-A-12-A
21	320-28268-A-13 (PFC_IDA)	N/A (320-28268-1)	307.69 g 27.57 g	280.1 mL 0.50 mL				5/25/17	8_Days	4	320-28268-A-13-A
22	320-28268-A-14 (PFC_IDA)	N/A (320-28268-1)	325.56 g 27.05 g	298.5 mL 0.50 mL				5/25/17	8_Days	4	320-28268-A-14-A

Aqueous Extraction Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-164983

Analyst: Reed, Jonathan E

Batch Open: 5/17/2017 2:18:00PM

Method Code: 320-3535_IVWT-320

Batch End:

23	320-28268-A-15 (PFC_IDA)	N/A (320-28268-1)	317.93 g	290.9 mL				5/25/17	8_Days	4	See NCM maybe	320-28268-A-15-A
			27.01 g	0.50 mL								
24	320-28268-A-16 (PFC_IDA)	N/A (320-28268-1)	322.38 g	295.3 mL				5/25/17	8_Days	4	fortified w/ IDA twice?	320-28268-A-16-A
			27.08 g	0.50 mL								

Aqueous Extraction Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-164983

Analyst: Reed, Jonathan E

Batch Open: 5/17/2017 2:18:00PM

Method Code: 320-3535_IVWT-320

Batch End:

Batch Notes

Manifold ID	2, 11
Methanol ID	924275
Hexane ID	921666
Sodium Hypochlorite ID	NA
First Start time	NA
First End time	NA
Balance ID	QA-070
SPE Cartridge Type	WAX 500mg
Solid Phase Extraction Disk ID	002836112A
H2O ID	5/17/17
Pipette ID	MD05306
Solvent Name	0.3% NH4OH/MEOH
Solvent Lot #	926809
Analyst ID - Reagent Drop	~~JER~~ VPM 5/18/17
Analyst ID - SU Reagent Drop	~~JER~~ VPM 5/18/17
Analyst ID - SU Reagent Drop Witness	JER
Acid Name	NA
Acid ID	NA
Reagent ID	NA
Reagent Lot Number	NA
NaCl ID	NA

Aqueous Extraction Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-164983

Analyst: Reed, Jonathan E

Batch Open: 5/17/2017 2:18:00PM

Method Code: 320-3535_IVWT-320

Batch End:

SOP Number	WS-LC-0025
Batch Comment	0.1N NaOH/H2O: 924543

Aqueous Extraction Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-164983

Analyst: Reed, Jonathan E

Batch Open: 5/17/2017 2:18:00PM

Method Code: 320-3535_IVWT-320

Batch End:

Comments

320-28275-A-10	Method Comments:	DOD site, Screen-caution
320-28275-A-11	Method Comments:	DOD site, Screen-caution
320-28275-B-12	Method Comments:	DOD site, Screen-caution
320-28275-A-13	Method Comments:	DOD site, Screen-caution
320-28268-A-1	Method Comments:	Caution--Concentrations unknown (samples expected to be of moderate contaminant conc)
320-28268-A-2	Method Comments:	spls expected to be of moderate contaminant conc.
320-28268-A-3	Method Comments:	Caution--Concentrations unknown (samples expected to be of moderate contaminant conc)
320-28268-A-4	Method Comments:	spls expected to be of moderate contaminant conc.
320-28268-A-5	Method Comments:	Caution--Concentrations unknown (samples expected to be of moderate contaminant conc)
320-28268-A-6	Method Comments:	spls expected to be of moderate contaminant conc.
320-28268-A-7	Method Comments:	Caution--Concentrations unknown (samples expected to be of moderate contaminant conc)
320-28268-A-8	Method Comments:	Caution--Concentrations unknown (samples expected to be of moderate contaminant conc)
320-28268-A-8~MS	Method Comments:	Caution--Concentrations unknown (samples expected to be of moderate contaminant conc)
320-28268-A-9	Method Comments:	spls expected to be of moderate contaminant conc.
320-28268-A-10	Method Comments:	Caution--Concentrations unknown (samples expected to be of moderate contaminant conc)
320-28268-A-11	Method Comments:	spls expected to be of moderate contaminant conc.
320-28268-A-12	Method Comments:	Caution--Concentrations unknown (samples expected to be of moderate contaminant conc)
320-28268-A-13	Method Comments:	spls expected to be of moderate contaminant conc.
320-28268-A-14		

Aqueous Extraction Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-164983

Analyst: Reed, Jonathan E

Batch Open: 5/17/2017 2:18:00PM

Method Code: 320-3535_IVWT-320

Batch End:

320-28268-A-15	Method Comments:	Caution--Concentrations unknown (samples expected to be of moderate contaminant conc)
320-28268-A-16	Method Comments:	spls expected to be of moderate contaminant conc.
	Method Comments:	Caution--Concentrations unknown (samples expected to be of moderate contaminant conc)

Aqueous Extraction Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-164983

Method Code: 320-3535_IVWT-320

Analyst: Reed, Jonathan E

Batch Open: 5/17/2017 2:18:00PM

Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
MB 320-164983/1	LCMPFCSU_00068	500 uL	0.50 mL	VPM 5-17-17	5/17/17
LCS 320-164983/2	LCMPFCSU_00068	500 uL	0.50 mL		
LCS 320-164983/2	LCPFCSP_00092	500 uL	0.50 mL		
LCSD 320-164983/3	LCMPFCSU_00068	500 uL	0.50 mL		
LCSD 320-164983/3	LCPFCSP_00092	500 uL	0.50 mL		
320-28275-A-10	LCMPFCSU_00068	500 uL	0.50 mL		
320-28275-A-11	LCMPFCSU_00068	500 uL	0.50 mL		
320-28275-B-12	LCMPFCSU_00068	500 uL	0.50 mL		
320-28275-A-13	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-1	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-2	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-3	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-4	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-5	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-6	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-7	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-8	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-8 MS	LCMPFCSU_00068	500 uL	0.50 mL		

Aqueous Extraction Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-164983

Analyst: Reed, Jonathan E

Batch Open: 5/17/2017 2:18:00PM

Method Code: 320-3535_IVWT-320

Batch End:

320-28268-A-8 MS	LCPFCSP_00092	500 uL	0.50 mL	VPM 5-17-17	5/17/17
320-28268-A-9	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-10	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-11	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-12	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-13	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-14	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-15	LCMPFCSU_00068	500 uL	0.50 mL		
320-28268-A-16	LCMPFCSU_00068	500 uL	0.50 mL		

Other Reagents:

Reagent	Amount/Units	Lot#:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sacramento
Preparation Data Review Checklist

Preparation Batch Number(s): 164983 Test: PFC (L)

Earliest Holding Time: 5/18/17

Sample List Tab	1st Level Reviewer	2nd Level Reviewer
Samples identified to the correct method	✓	✓
All necessary NCMs filed (including holding time)	✓	✓
Method/sample/login/QAS checked and correct	✓	✓
Worksheet Tab	**1st Level Reviewer**	**2nd Level Reviewer**
All samples properly preserved	NA	NA
Weights in anticipated range and not targeted	✓	✓
All additional test requirements performed, documented, and uploaded to TALS correctly (e.g. final amount, initial amount, turbidity, and Cl Check)	✓	✓
The pH is transcribed correctly in TALS	NA	NA
All additional information transcribed into TALS is correct and raw data is attached	✓	✓
Comments are transcribed correctly in TALS	✓	✓
Reagents Tab	**1st Level Reviewer**	**2nd Level Reviewer**
All necessary reagents not expired and entered into TALS	✓	✓
All spike amounts correct and added to necessary samples and QC	✓	✓
Batch Information	**1st Level Reviewer**	**2nd Level Reviewer**
Date and time accurate and entered into TALS correctly	✓	✓
All necessary 'batch information' complete and entered into TALS correctly	✓	✓

1st Level Reviewer: NSH Date: 5-18-17

2nd Level Reviewer: VAM Date: 5-18-17

Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

West Sacramento

HPLC/LCMS Data Review Checklist

Job Number(s): 28275

Work List ID(s): 43561

Extraction Batch: 165098

Analysis Batch(es): 166365, 166254(CCVL)

Delivery Rank 4

Due Date: 5/19/17

A Calibration/Instrument Run QC	1st Level	2nd Level	N/A
1. ICAL locked in Chrom and TALS? ICAL Batch# 165657	✓	✓	
2. ICAL, CCV Frequency & Criteria met.	✓	✓	
• $RF_{average}$ criteria appropriate for the method.	✓	✓	
• Linear Regression criteria appropriate if required ($r \geq 0.995$).	✓	✓	
• Quadratic fit criteria appropriate if required ($r^2 \geq 0.990$).			✓
• For Linear Regression and Quadratic fit – Does the y-intercept support ½ the reporting limit as described in CA-Q-S-005?	✓	✓	
• All curve points show calculated concentrations.	✓	✓	
3. Peaks correctly ID'd by data system.	✓	✓	
5. Tune check frequency & criteria met and Tune check report attached.	✓	✓	
B QA/QC			
1. Are all QC samples properly linked in TALS?	✓	✓	
2. Method blank, LCS/LCSD and MS/SD frequencies met.	✓	✓	
3. LCS/LCSD and MB data are within control limits. If not, NCM is present.	✓	✓	
4. Are MS/MSD recoveries and RPD within control limits?	✓	✓	
5. Holding Times were met for prep and analytical.	✓	✓	
6. IS/Surrogate recoveries meet criteria or properly noted.	✓	✓	
C Sample Analysis			
1. Was correct analysis performed and were project instructions followed?	✓	✓	
2. If required, are compounds within RT windows?	✓	✓	
3. If required, are positive hits confirmed and >40% RPD flagged?			✓
4. Manual Integrations reviewed and appropriate.	✓	✓	
5. All analytes correctly reported. (Primary, secondary, acceptable status)	✓	✓	
6. Correct reporting limits used. (based on client request, prep factors, and dilutions)	✓	✓	
D Documentation			
1. Are all non-conformances documented/attached? NCM#	✓	✓	
2. Do results make sense (e.g. dilutions, etc.)?	✓	✓	
3. Have all flags been reviewed for appropriateness?	✓	✓	
4. For level 3 and 4 reports, have forms and raw data been reviewed?		✓	
5. Was QC Checker run for this job?	✓	✓	

Upon completion of this checklist, the reviewer must scan and attach the checklist to the TALS job.

1st Level (Analyst): [signature] Date: 5/26/17

2nd Level Reviewer: [signature] Date: 5/27/2017

TestAmerica Laboratories
Worklist QC Batch Report

Worklist Name: 25MAY2017E_PFC Worklist Number: 43561
Instrument Name: A8_N Chrom Method: A8_N
Data Directory: \\ChromNa\Sacramento\ChromData\A8_N\20170526-43561.b
QC Batching: Disabled Limit Group Batching: Enabled

QC Batch: 1	LC PFC_DOD ICAL Raw Batch: 166365	LC PFC ICAL Raw Batch: 166366
# 1 CCV L4	# 1 CCV L4	# 1 CCV L4
# 2 MB 320-165098/1-A	# 2 MB 320-165098/1-A	
# 3 LCS 320-165098/2-A	# 3 LCS 320-165098/2-A	
# 4 320-28275-A-1-A	# 4 320-28275-A-1-A	
# 5 320-28275-A-2-A	# 5 320-28275-A-2-A	
# 6 320-28275-A-2-B MS	# 6 320-28275-A-2-B MS	
# 7 320-28275-A-2-C MSD	# 7 320-28275-A-2-C MSD	
# 8 320-28275-A-3-A	# 8 320-28275-A-3-A	
# 9 320-28275-A-4-A	# 9 320-28275-A-4-A	
#10 320-28275-A-5-A	#10 320-28275-A-5-A	
#11 320-28275-A-6-A	#11 320-28275-A-6-A	
#12 CCV L5	#12 CCV L5	#12 CCV L5
#13 320-28275-A-7-A	#13 320-28275-A-7-A	
#14 320-28275-A-8-A	#14 320-28275-A-8-A	
#15 320-28275-A-9-A	#15 320-28275-A-9-A	
#16 320-28275-A-14-A	#16 320-28275-A-14-A	
#17 320-28275-A-15-A	#17 320-28275-A-15-A	
#18 320-28275-A-16-A	#18 320-28275-A-16-A	
#19 320-28275-A-17-A	#19 320-28275-A-17-A	
#20 320-28275-A-18-A	#20 320-28275-A-18-A	
#21 320-28275-A-19-A	#21 320-28275-A-19-A	
#22 320-28275-A-20-A	#22 320-28275-A-20-A	
#23 CCV L4	#23 CCV L4	#23 CCV L4
#24 320-28275-A-21-A	#24 320-28275-A-21-A	
#25 320-28275-A-22-A	#25 320-28275-A-22-A	
#26 CCV L5	#26 CCV L5	#26 CCV L5

8 1

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

AS 5/25/17

Batch Number: 320-165098

Method Code: 320-Shake_Bath_14D-320

Analyst: Arauz, Horacio J

Batch Open: 5/18/2017 10:15:00AM

Batch End: 5-25-17 12:30

Shake Extraction with Ultrasonic Bath Extraction

	Input Sample Lab ID (Analytical Method)	SDG (Job #)	Initial Amount	Final Amount	Due Date	Analytical TAT	Div Rank	Comments	Output Sample Lab ID
1	MB~320-165098/1 N/A	N/A	5.00 g	1.00 mL	N/A	N/A	N/A		MB 320-165098/1-A
2	LCS~320-165098/2 N/A	N/A	5.00 g	1.00 mL	N/A	N/A	N/A		LCS 320-165098/2-A
3	320-28275-A-1 (PFC_IDA_DOD5)	N/A (320-28275-1)	5.01 g	1.00 mL	5/19/17	23_Days	4		320-28275-A-1-A
4	320-28275-A-2 (PFC_IDA_DOD5)	N/A (320-28275-1)	4.97 g	1.00 mL	5/19/17	23_Days	4		320-28275-A-2-A
5	320-28275-A-2~MS (PFC_IDA_DOD5)	N/A (320-28275-1)	5.05 g	1.00 mL	5/19/17	23_Days	4		320-28275-A-2-B MS
6	320-28275-A-2~MSD (PFC_IDA_DOD5)	N/A (320-28275-1)	5.06 g	1.00 mL	5/19/17	23_Days	4		320-28275-A-2-C MSD
7	320-28275-A-3 (PFC_IDA_DOD5)	N/A (320-28275-1)	5.02 g	1.00 mL	5/19/17	23_Days	4		320-28275-A-3-A
8	320-28275-A-4 (PFC_IDA_DOD5)	N/A (320-28275-1)	5.01 g	1.00 mL	5/19/17	23_Days	4		320-28275-A-4-A
9	320-28275-A-5 (PFC_IDA_DOD5)	N/A (320-28275-1)	4.96 g	1.00 mL	5/19/17	23_Days	4		320-28275-A-5-A
10	320-28275-A-6 (PFC_IDA_DOD5)	N/A (320-28275-1)	5.07 g	1.00 mL	5/19/17	23_Days	4		320-28275-A-6-A
11	320-28275-A-7 (PFC_IDA_DOD5)	N/A (320-28275-1)	5.05 g	1.00 mL	5/19/17	23_Days	4		320-28275-A-7-A
12	320-28275-A-8 (PFC_IDA_DOD5)	N/A (320-28275-1)	5.04 g	1.00 mL	5/19/17	23_Days	4		320-28275-A-8-A
13	320-28275-A-9 (PFC_IDA_DOD5)	N/A (320-28275-1)	4.99 g	1.00 mL	5/19/17	23_Days	4		320-28275-A-9-A
14	320-28275-A-14 (PFC_IDA_DOD5)	N/A (320-28275-1)	5.07 g	1.00 mL	5/19/17	23_Days	4		320-28275-A-14-A
15	320-28275-A-15 (PFC_IDA_DOD5)	N/A (320-28275-1)	5.02 g	1.00 mL	5/19/17	23_Days	4		320-28275-A-15-A

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-165098 Analyst: Arauz, Horacio J Batch Open: 5/18/2017 10:15:00AM

Method Code: 320-Shake_Bath_14D-320 Batch End:

16	320-28275-A-16 (PFC_IDA_DOD5)	N/A (320-28275-1)	4.98 g	1.00 mL	5/19/17	23_Days	4	320-28275-A-16-A
17	320-28275-A-17 (PFC_IDA_DOD5)	N/A (320-28275-1)	5.08 g	1.00 mL	5/19/17	23_Days	4	320-28275-A-17-A
18	320-28275-A-18 (PFC_IDA_DOD5)	N/A (320-28275-1)	4.97 g	1.00 mL	5/19/17	23_Days	4	320-28275-A-18-A
19	320-28275-A-19 (PFC_IDA_DOD5)	N/A (320-28275-1)	5.03 g	1.00 mL	5/19/17	23_Days	4	320-28275-A-19-A
20	320-28275-A-20 (PFC_IDA_DOD5)	N/A (320-28275-1)	4.97 g	1.00 mL	5/19/17	23_Days	4	320-28275-A-20-A
21	320-28275-A-21 (PFC_IDA_DOD5)	N/A (320-28275-1)	4.97 g	1.00 mL	5/19/17	23_Days	4	320-28275-A-21-A
22	320-28275-A-22 (PFC_IDA_DOD5)	N/A (320-28275-1)	5.01 g	1.00 mL	5/19/17	23_Days	4	320-28275-A-22-A

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-165098 | Analyst: Arauz, Horacio J | Batch Open: 5/18/2017 10:15:00AM

Method Code: 320-Shake_Bath_14D-320 | Batch End:

Batch Notes

Balance ID	QA-070
Blank Sand Lot #	162639
Filter ID	NA
Millipore Water Dispense Date	5-18-17
Analyst ID - Reagent Drop Witness	Bottle#1 VPM
SPE Cartridge ID	017037054A
SPE Cartridge Type	WAX 150mg
Hexane ID	921664
Methanol ID	924280
Ammonium Hydroxide/MeOH ID	932747
Sodium Hydroxide ID	924542
Methanolic Potassium Hydroxide ID	923364
Manifold ID	6,8
Interference check solution ID	NA
Acetic Acid ID	429065
Batch Comment	Spike Bottle #2

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-165098

Analyst: Arauz, Horacio J

Batch Open: 5/18/2017 10:15:00AM

Method Code: 320-Shake_Bath_14D-320

Batch End:

Comments

320-28275-A-1	Method Comments: DOD site, Screen-caution
320-28275-A-2	Method Comments: DOD site, Screen-caution
320-28275-A-2~MS	Method Comments: DOD site, Screen-caution
320-28275-A-2~MSD	Method Comments: DOD site, Screen-caution
320-28275-A-3	Method Comments: DOD site, Screen-caution
320-28275-A-4	Method Comments: DOD site, Screen-caution
320-28275-A-5	Method Comments: DOD site, Screen-caution
320-28275-A-6	Method Comments: DOD site, Screen-caution
320-28275-A-7	Method Comments: DOD site, Screen-caution
320-28275-A-8	Method Comments: DOD site, Screen-caution
320-28275-A-9	Method Comments: DOD site, Screen-caution
320-28275-A-14	Method Comments: DOD site, Screen-caution
320-28275-A-15	Method Comments: DOD site, Screen-caution
320-28275-A-16	Method Comments: DOD site, Screen-caution
320-28275-A-17	Method Comments: DOD site, Screen-caution
320-28275-A-18	Method Comments: DOD site, Screen-caution
320-28275-A-19	Method Comments: DOD site, Screen-caution
320-28275-A-20	Method Comments: DOD site, Screen-caution
320-28275-A-21	Method Comments: DOD site, Screen-caution

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-165098

Analyst: Arauz, Horacio J

Batch Open: 5/18/2017 10:15:00AM

Method Code: 320-Shake_Bath_14D-320

Batch End:

320-28275-A-22	Method Comments: DOD site, Screen-caution Method Comments: DOD site, Screen-caution

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-165098

Analyst: Arauz, Horacio J

Batch Open: 5/18/2017 10:15:00AM

Method Code: 320-Shake_Bath_14D-320

Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
MB 320-165098/1	LCMPFCSU_00068	1.00 mL	1.00 mL	HJA 5-18-17	VPM 5/18/17
LCS 320-165098/2	LCMPFCSU_00068	1.00 mL	1.00 mL		
LCS 320-165098/2	LCPFCSP_00092	1.00 mL	1.00 mL		
320-28275-A-1	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-2	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-2 MS	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-2 MS	LCPFCSP_00092	1.00 mL	1.00 mL		
320-28275-A-2 MSD	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-2 MSD	LCPFCSP_00092	1.00 mL	1.00 mL		
320-28275-A-3	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-4	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-5	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-6	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-7	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-8	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-9	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-14	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-15	LCMPFCSU_00068	1.00 mL	1.00 mL		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-165098

Analyst: Arauz, Horacio J

Batch Open: 5/18/2017 10:15:00AM

Method Code: 320-Shake_Bath_14D-320

Batch End:

320-28275-A-16	LCMPFCSU_00068	1.00 mL	1.00 mL	HJA 5-18-17	VPM 5-18-17
320-28275-A-17	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-18	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-19	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-20	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-21	LCMPFCSU_00068	1.00 mL	1.00 mL		
320-28275-A-22	LCMPFCSU_00068	1.00 mL	1.00 mL		

Other Reagents:

Reagent	Amount/Units	Lot#:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sacramento
Preparation Data Review Checklist

Preparation Batch Number(s): 320-165098 Test: PFC-S

Earliest Holding Time: 5-24-17

Sample List Tab	1st Level Reviewer	2nd Level Reviewer
Samples identified to the correct method	✓	✓
All necessary NCMs filed (including holding time)	NA	N/A
Method/sample/login/QAS checked and correct	✓	✓
Worksheet Tab	**1st Level Reviewer**	**2nd Level Reviewer**
All samples properly preserved	NA	N/A
Weights in anticipated range and not targeted	✓	✓
All additional test requirements performed, documented, and uploaded to TALS correctly (e.g. final amount, initial amount, turbidity, and Cl Check)	✓	✓
The pH is transcribed correctly in TALS	NA	N/A
All additional information transcribed into TALS is correct and raw data is attached	✓	✓
Comments are transcribed correctly in TALS	✓	✓
Reagents Tab	**1st Level Reviewer**	**2nd Level Reviewer**
All necessary reagents not expired and entered into TALS	✓	✓
All spike amounts correct and added to necessary samples and QC	✓	✓
Batch Information	**1st Level Reviewer**	**2nd Level Reviewer**
Date and time accurate and entered into TALS correctly	✓	✓
All necessary 'batch information' complete and entered into TALS correctly	✓	✓

1st Level Reviewer: VPM Date: 5-25-17

2nd Level Reviewer: MWMf Date: 5/29/2017

Comments:

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job Number: 320-28275-1

SDG No.:

Project: Meridian 10006-7-105420 JM01 Navy Clean

Client Sample ID	Lab Sample ID
MEAFF-Unknown5-SB01-0001	320-28275-1
MEAFF-Unknown5-SB01-0204	320-28275-2
MEAFF-TA-4_SOUTH-SB01-0001	320-28275-3
MEAFF-TA-4_SOUTH-SB01-0204	320-28275-4
MEAFF-FD05-051117	320-28275-5
MEAFF-T45C_05_2008-SB01-0406	320-28275-6
MEAFF-T45C_05_2008-SB01-0608	320-28275-7
MEAFF-T45C_2003-SB01-0001	320-28275-8
MEAFF-T45C_2003-SB01-0204	320-28275-9
MEAFF-Unknown6-SB01-0001	320-28275-14
MEAFF-Unknown6-SB01-0204	320-28275-15
MEAFF-T-45C_2004-SB01-0001	320-28275-16
MEAFF-T-45C_2004-SB01-0204	320-28275-17
MEAFF-T-2C_1996-SB01-0001	320-28275-18
MEAFF-T-2C_1996-SB01-0204	320-28275-19
MEAFF-TA-4J_1984-SB01-0001	320-28275-20
MEAFF-TA-4J_1984-SB01-0204	320-28275-21
MEAFF-FD06-051217	320-28275-22

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job Number: 320-28275-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: D 2216 LOQ Date: 01/01/2012 08:18

Analyte	Wavelength/ Mass	LOQ (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job Number: 320-28275-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: D 2216 XRL Date: 01/01/2012 08:19

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Instrument ID: NOEQUIP Analysis Method: D 2216

Start Date: 05/19/2017 15:05 End Date: 05/19/2017 15:05

Lab Sample Id	D/F	Type	Time	Analytes																							
				% Sol	Moist																						
320-28275-5	1	T	15:05	X	X																						
ZZZZZZ			15:05																								
ZZZZZZ			15:05																								
ZZZZZZ			15:05																								
ZZZZZZ			15:05																								
ZZZZZZ			15:05																								
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ZZZZZZ			15:05																								
ZZZZZZ			15:05																								

Prep Types:
T = Total/NA

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Instrument ID: NOEQUIP Analysis Method: D 2216

Start Date: 05/20/2017 11:13 End Date: 05/20/2017 11:13

Lab Sample Id	D/F	Type	Time	Analytes																							
				% Sol	Moist																						
320-28275-1	1	T	11:13	X	X																						
320-28275-2	1	T	11:13	X	X																						
320-28275-3	1	T	11:13	X	X																						
320-28275-4	1	T	11:13	X	X																						
320-28275-6	1	T	11:13	X	X																						
320-28275-7	1	T	11:13	X	X																						
320-28275-8	1	T	11:13	X	X																						
320-28275-9	1	T	11:13	X	X																						
320-28275-14	1	T	11:13	X	X																						
320-28275-15	1	T	11:13	X	X																						
320-28275-16	1	T	11:13	X	X																						
320-28275-17	1	T	11:13	X	X																						
320-28275-18	1	T	11:13	X	X																						
320-28275-19	1	T	11:13	X	X																						
320-28275-20	1	T	11:13	X	X																						
320-28275-21	1	T	11:13	X	X																						
320-28275-22	1	T	11:13	X	X																						
ZZZZZZ			11:13																								
ZZZZZZ			11:13																								
ZZZZZZ			11:13																								

Prep Types:
T = Total/NA

FORM XIII-IN

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Batch Number: 165343 Batch Start Date: 05/19/17 15:05 Batch Analyst: Saechao, Tammy C

Batch Method: D 2216 Batch End Date: 05/20/17 13:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
320-28275-A-5	MEAFF-FD05-051117	D 2216	T	1	1.05 g	11.16 g	9.33 g		

Batch Notes	
Balance ID	QA-068 No Unit
Date and Time Samples in Desiccator	05/20/17 @ 10:15
Date and Time Samples out of Desiccator	05/20/17 @ 13:15
Date samples were placed in the oven	05/19/17
Oven Temp In	112 Degrees C
Time samples were place in the oven	15:50
Date samples were removed from oven	05/20/17
Oven Temp Out	112 Degrees C
Time Samples were removed from oven	10:15
Oven ID	Soil Prep # 2
Thermometer ID	151969607

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Batch Number: 165371 Batch Start Date: 05/20/17 11:13 Batch Analyst: Rusti, Constantin

Batch Method: D 2216 Batch End Date: 05/22/17 09:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
320-28275-A-1	MEAFF-Unknown5-SB01-0001	D 2216	T	1	1.05 g	13.48 g	11.75 g		
320-28275-A-2	MEAFF-Unknown5-SB01-0204	D 2216	T	2	1.02 g	14.35 g	11.85 g		
320-28275-A-3	MEAFF-TA-4_SOUTH-SB01-0001	D 2216	T	3	1.02 g	11.52 g	10.37 g		
320-28275-A-4	MEAFF-TA-4_SOUTH-SB01-0204	D 2216	T	4	1.04 g	9.98 g	9.02 g		
320-28275-A-6	MEAFF-T45C_05_2008-SB01-0406	D 2216	T	5	1.02 g	14.18 g	11.79 g		
320-28275-A-7	MEAFF-T45C_05_2008-SB01-0608	D 2216	T	6	1.03 g	14.53 g	12.36 g		
320-28275-A-8	MEAFF-T45C_2003-SB01-0001	D 2216	T	7	1.02 g	13.94 g	11.99 g		
320-28275-A-9	MEAFF-T45C_2003-SB01-0204	D 2216	T	8	1.07 g	18.84 g	15.22 g		
320-28275-A-14	MEAFF-Unknown6-SB01-0001	D 2216	T	9	1.03 g	14.74 g	12.64 g		
320-28275-A-15	MEAFF-Unknown6-SB01-0204	D 2216	T	10	1.01 g	15.53 g	12.52 g		
320-28275-A-16	MEAFF-T-45C_2004-SB01-0001	D 2216	T	11	1.04 g	13.26 g	12.19 g		
320-28275-A-17	MEAFF-T-45C_2004-SB01-0204	D 2216	T	12	1.07 g	10.32 g	9.36 g		
320-28275-A-18	MEAFF-T-2C_1996-SB01-0001	D 2216	T	13	1.03 g	17.39 g	15.44 g		
320-28275-A-19	MEAFF-T-2C_1996-SB01-0204	D 2216	T	14	1.03 g	9.29 g	8.21 g		
320-28275-A-20	MEAFF-TA-4J_1984-SB01-0001	D 2216	T	15	1.00 g	11.07 g	9.81 g		
320-28275-A-21	MEAFF-TA-4J_1984-SB01-0204	D 2216	T	16	1.05 g	9.46 g	8.71 g		
320-28275-A-22	MEAFF-FD06-051217	D 2216	T	17	1.06 g	9.43 g	8.77 g		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 320-28275-1

SDG No.:

Batch Number: 165371 Batch Start Date: 05/20/17 11:13 Batch Analyst: Rusti, Constantin

Batch Method: D 2216 Batch End Date: 05/22/17 09:00

Batch Notes	
Balance ID	QA-068 No Unit
Date and Time Samples in Desiccator	05/22/17 @ 08:07
Date and Time Samples out of Desiccator	05/22/17 @ 09:00
Date samples were placed in the oven	05/20/17
Oven Temp In	106 Degrees C
Time samples were place in the oven	11:30
Date samples were removed from oven	05/22/17
Oven Temp Out	108 Degrees C
Time Samples were removed from oven	08:07
Oven ID	Soil Prep #1
Thermometer ID	151969626

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

TestAmerica

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Sacramento
Preparation Data Review Checklist

Preparation Batch Number(s): 165342; 165343; 165334 Test: % Moisture

Earliest Holding Time: HIA ; 320-28201 ; -28071 ; -28284 ; -28233 -28258 ; -28275 ; -28363 ;

Sample List Tab	1st Level Reviewer	2nd Level Reviewer
Samples identified to the correct method	✓	✓
All necessary NCMs filed (including holding time)	✓	✓
Method/sample/login/QAS checked and correct	✓	✓
Worksheet Tab	**1st Level Reviewer**	**2nd Level Reviewer**
All samples properly preserved	✓	✓
Weights in anticipated range and not targeted	✓	✓
All additional test requirements performed, documented, and uploaded to TALS correctly (e.g. final amount, initial amount, turbidity, and Cl Check)	✓	✓
The pH is transcribed correctly in TALS	HIA	NA
All additional information transcribed into TALS is correct and raw data is attached	HIA	NA
Comments are transcribed correctly in TALS	HIA	NA
Reagents Tab	**1st Level Reviewer**	**2nd Level Reviewer**
All necessary reagents not expired and entered into TALS	HIA	NA
All spike amounts correct and added to necessary samples and QC	HIA	NA
Batch Information	**1st Level Reviewer**	**2nd Level Reviewer**
Date and time accurate and entered into TALS correctly	✓	✓
All necessary 'batch information' complete and entered into TALS correctly	✓	✓

1st Level Reviewer: CTR Date: 5/20/17

2nd Level Reviewer: TLS Date: 5/22/17

Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sacramento
Preparation Data Review Checklist

Preparation Batch Number(s): 165371, 165372, 165374 Test: % MOISTURE

Earliest Holding Time: NA

320-28275, 28303, 28398, 28286,

Sample List Tab	1st Level Reviewer	2nd Level Reviewer
Samples identified to the correct method	✓	✓
All necessary NCMs filed (including holding time)	✓	✓
Method/sample/login/QAS checked and correct	✓	✓
Worksheet Tab	**1st Level Reviewer**	**2nd Level Reviewer**
All samples properly preserved	✓	✓
Weights in anticipated range and not targeted	✓	✓
All additional test requirements performed, documented, and uploaded to TALS correctly (e.g. final amount, initial amount, turbidity, and Cl Check)	✓	✓
The pH is transcribed correctly in TALS	NA	N/A
All additional information transcribed into TALS is correct and raw data is attached	NA	N/A
Comments are transcribed correctly in TALS	NA	N/A
Reagents Tab	**1st Level Reviewer**	**2nd Level Reviewer**
All necessary reagents not expired and entered into TALS	NA	N/A
All spike amounts correct and added to necessary samples and QC	NA	N/A
Batch Information	**1st Level Reviewer**	**2nd Level Reviewer**
Date and time accurate and entered into TALS correctly	✓	✓
All necessary 'batch information' complete and entered into TALS correctly	✓	✓

1st Level Reviewer: TVS Date: 5/22/17

2nd Level Reviewer: CFR Date: 5/22/17

Comments:

Shipping and Receiving Documents

TestAmerica Sacramento
880 Riverside Parkway

West Sacramento, CA 95605-1500
phone 916.373.5600 fax 303.467.7248

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Bryan Burkingstock	Site Contact: Ryan Brown	Date: 5/12/17	COC No: 8
CH2M Hill	Tel/Fax: ~~678~~ rwb	Lab Contact: Jill Kellmann	Carrier: FedEx	1 of 2 COCs
6600 Peachtree Dunwoody Rd., 400 Embassy Row, Suite 600	Analysis Turnaround Time			Sampler:
Atlanta, GA 30328	☒ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
(678) 530-4060 Phone	TAT if different from Below 28 days			Walk-in Client:
(770) 604-9183 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Meridian 10006-7-105420 JM01 Navy Clean	☐ 1 week			
Site: NAS Meridian	☐ 2 days			Job / SDG No.:
P O #: 10006-7-105420	☐ 1 day			

320-28275 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	PFCs (EPA 537M)	Sample Specific Notes:
MEAFF-Unknown 5-~~P~~SB01-0001 rwb	5/11/17	1118	G	SO	1	N	N	X	
MEAFF-Unknown 5-SB01-0204		1123							
MEAFF-TA-4-SOUTH-SB01-0001		1340							
MEAFF-TA-4-SOUTH-SB01-0204		1345							
MEAFF-FD05-051117		—							field duplicate
MEAFF-T45C-05-2008-SB01-0406		1430							
* MEAFF-T45C-05-2008-SB01-0608		1438							
MEAFF-T45C-2004 3 rwb-SB01-0001		1625							
MEAFF-T45C-2004 3 rwb-SB01-0204		1628							
DPTTankBlank-051117		1100		W	2				
PressWashBlank-051117		1105							
MEAFF-EB03-051117		1110							equipment blank acetate liner

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Send results to Mike Zamboni - address is on file
* sample at 1430 & chain at 1438. AA 5/16/17

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 4.9 Corr'd: 5.2 | Therm ID No.: AK1

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Ryan Brown	CH2M Hill	5/12/17 @ 1800	Jim Nelson	GHD	5/15/17 900
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.11, dated 1/24/2017

TestAmerica Sacramento
880 Riverside Parkway

West Sacramento, CA 95605-1500
phone 916.373.5600 fax 303.467.7248

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Bryan Burkingstock	Site Contact: Ryan Brown	Date: 5/12/17	COC No: 8
CH2M Hill	Tel/Fax:	Lab Contact: Jill Kellmann	Carrier: FedEx	2 of 2 COCs
6600 Peachtree Dunwoody Rd., 400 Embassy Row, Suite 600	**Analysis Turnaround Time**			Sampler:
Atlanta, GA 30328	☒ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
(678) 530-4060 Phone	TAT if different from Below 28 days			Walk-in Client:
(770) 604-9183 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Meridian 10006-7-105420 JM01 Navy Clean	☐ 1 week			
Site: NAS Meridian	☐ 2 days			Job / SDG No.:
P O #: 10006-7-105420	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	PFCs (EPA 537M)	Sample Specific Notes:
MEAFF-EB04-051117	5/11/17	1605	G	W	2	X	X	X	equipment blank hand auger
MEAFF-~~UNKNOWN~~ unknown6-SB01-0001	5/12/17	1205	G	SO	1				
MEAFF-Unknown6-SB01-0204		1207							
MEAFF-T-45C-2004-SB01-0001		1302							
MEAFF-T-45C-2004-SB01-0204		1305							
MEAFF-T-2C-1996-SB01-0001		1405							
MEAFF-T-2C-1996-SB01-0204		1407							
MEAFF-TA-4J-1984-SB01-0001		1503							
MEAFF-TA-4J-1984-SB01-0204		1505							
MEAFF-FD06-051217		—							field duplicate

Preservation Used: (1= Ice,) 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☒Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Send results to Mike Zamboni - address on file

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Bryan Burkingstock	CH2M Hill	5/12/17 @ 1700	John Nelson	TAS	5/15/17 900
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.11, dated 1/24/2017

Login Sample Receipt Checklist

Client: CH2M Hill, Inc.

Job Number: 320-28275-1

Login Number: 28275
List Number: 1
Creator: Turpen, Troy

List Source: TestAmerica Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Refer to Job Narrative for details.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Contract_	DO_CTO_	Phase	Installatio	Sample_Name	CH2M_Co	Analysis_	Analytical	PRC_Code	Lab_Code	Lab_Name	Leachate_	Sample_B	Extraction	Result_Ty	Lab_QC_T	Sample_M	QC_Level	DateTime	Date_Rec	Leachate_	Leachate_	Extraction	Extraction	Analysis_	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_M	Percent_L	Chem_Name	Analyte_ID	Analyte_V	Original_A	Result_Un	Lab_Quali	Validator_	GC_Colum	Analysis_F	Result_Na	QC_Contr	QC_Accur	QC_Accur	Control_Li	QC_Narrat	MDL	Detection	QSM_Vers	DL	LOD	LOQ	SDG	Analysis_B	Validator_	Val_Date
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A01-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/21/201	02/22/2017			20170224	15:44:00	20170306	16:12:00	320-25962	1	1			1,4-Dioxane	123-91-1	0.48	0.48	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.19	0.48	0.95	320-25962	320-153398		
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A01-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/21/201	02/22/2017			20170224	15:44:00	20170306	16:12:00	320-25962	1	1			Nitrobenzene-D5	4165-60-0	61	61	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-25962	320-153398		
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A01P-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/21/201	02/22/2017			20170224	15:44:00	20170306	16:34:00	320-25962	1	1			1,4-Dioxane	123-91-1	0.48	0.48	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.19	0.48	0.97	320-25962	320-153398		
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A01P-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/21/201	02/22/2017			20170224	15:44:00	20170306	16:34:00	320-25962	1	1			Nitrobenzene-D5	4165-60-0	63	63	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-25962	320-153398		
N6247016	JM01		MERIDIAN	MEAFF-EB01-022117-SO	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/21/201	02/22/2017			20170228	16:42:00	20170302	11:12:00	320-25962	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0018	0.0018	UG_L	UM	UM	PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00067	0.0018	0.0022	320-25962	320-152836		
N6247016	JM01		MERIDIAN	MEAFF-EB01-022117-SO	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/21/201	02/22/2017			20170228	16:42:00	20170302	11:12:00	320-25962	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0027	0.0027	UG_L	U	U	PR	TRG					00000000	AQ (Field Blanks)			5.0	0.0011	0.0027	0.0036	320-25962	320-152836		
N6247016	JM01		MERIDIAN	MEAFF-EB01-022117-SO	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/21/201	02/22/2017			20170228	16:42:00	20170302	11:12:00	320-25962	1	1			13C4 PFOA	13C4 PFOA	152	152	PCT_REC	Q	Q	PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0				320-25962	320-152836		
N6247016	JM01		MERIDIAN	MEAFF-EB01-022117-SO	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/21/201	02/22/2017			20170228	16:42:00	20170302	11:12:00	320-25962	1	1			13C4 PFOS	13C4 PFOS	135	135	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0				320-25962	320-152836		
N6247016	JM01		MERIDIAN	MEAFF-EB01-022117-SO	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/21/201	02/22/2017			20170228	16:42:00	20170302	11:12:00	320-25962	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0018	0.0018	UG_L	U	U	PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00082	0.0018	0.0022	320-25962	320-152836		
N6247016	JM01		MERIDIAN	MEAFF-EB01-022117-SO	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/21/201	02/22/2017			20170228	16:42:00	20170302	11:12:00	320-25962	1	1			18O2 PFHXS	18O2 PFHX	141	141	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0				320-25962	320-152836		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170301	19:45:00	320-25962	1	1	13.3		Perfluorooctanoic acid (PFOA)	335-67-1	27	27	UG_KG			PR	TRG					00000000	SO			5.0	0.12	0.34	0.57	320-25962	320-152825		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170301	19:45:00	320-25962	1	1	13.3		Perfluorooctane Sulfonate (PFOS)	1763-23-1	220	220	UG_KG	E	E	PR	TRG					00000000	SO			5.0	0.14	0.34	0.57	320-25962	320-152825		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170301	19:45:00	320-25962	1	1	13.3		13C4 PFOA	13C4 PFOA	111	111	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-25962	320-152825		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170301	19:45:00	320-25962	1	1	13.3		13C4 PFOS	13C4 PFOS	55	55	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-25962	320-152825		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170301	19:45:00	320-25962	1	1	13.3		Perfluorobutanesulfonic acid (PFBS)	375-73-5	2.0	2.0	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.12	0.34	0.46	320-25962	320-152825		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170301	19:45:00	320-25962	1	1	13.3		18O2 PFHXS	18O2 PFHX	95	95	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-25962	320-152825		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170303	09:53:00	320-25962	10	2	13.3		Perfluorooctanoic acid (PFOA)	335-67-1	28	28	UG_KG	DM	DM	PR	TRG					00000000	SO			5.0	1.2	3.4	5.7	320-25962	320-153020		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170303	09:53:00	320-25962	10	2	13.3		Perfluorooctane Sulfonate (PFOS)	1763-23-1	270	270	UG_KG	D	D	PR	TRG					00000000	SO			5.0	1.4	3.4	5.7	320-25962	320-153020		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170303	09:53:00	320-25962	10	2	13.3		13C4 PFOA	13C4 PFOA	136	136	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-25962	320-153020		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170303	09:53:00	320-25962	10	2	13.3		13C4 PFOS	13C4 PFOS	90	90	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-25962	320-153020		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170303	09:53:00	320-25962	10	2	13.3		Perfluorobutanesulfonic acid (PFBS)	375-73-5	1.6	1.6	UG_KG	JDM	JDM	PR	TRG					00000000	SO			5.0	1.2	3.4	4.6	320-25962	320-153020		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170303	09:53:00	320-25962	10	2	13.3		18O2 PFHXS	18O2 PFHX	122	122	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-25962	320-153020		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170301	20:00:00	320-25962	1	1	14.7		Perfluorooctanoic acid (PFOA)	335-67-1	5.5	5.5	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.12	0.35	0.59	320-25962	320-152825		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170301	20:00:00	320-25962	1	1	14.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1	30	30	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.15	0.35	0.59	320-25962	320-152825		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170301	20:00:00	320-25962	1	1	14.7		13C4 PFOA	13C4 PFOA	101	101	PCT_REC	M	M	PR	SURR		SLSA	150	25	00000000	SO			5.0				320-25962	320-152825		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170301	20:00:00	320-25962	1	1	14.7		13C4 PFOS	13C4 PFOS	56	56	PCT_REC	M	M	PR	SURR		SLSA	150	25	00000000	SO			5.0				320-25962	320-152825		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170301	20:00:00	320-25962	1	1	14.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.95	0.95	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.12	0.35	0.47	320-25962	320-152825		
N6247016	JM01		MERIDIAN	MEAFF-PWMA-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/21/201	02/22/2017			20170223	17:22:00	20170301	20:00:00	320-25962	1	1	14.7		18O2 PFHXS	18O2 PFHX	95	95	PCT_REC	M	M	PR	SURR		SLSA	150	25	00000000	SO			5.0				320-25962	320-152825		
N6247016	JM01		MERIDIAN	LCS 320-152015/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	02/23/201	02/23/2017			20170223	17:22:00	20170303	09:37:00	LCS 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	102	102	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.10	0.30	0.50	320-25962	320-153020		
N6247016	JM01		MERIDIAN	LCS 320-152015/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	02/23/201	02/23/2017			20170223	17:22:00	20170303	09:37:00	LCS 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	107	107	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.13	0.30	0.50	320-25962	320-153020		
N6247016	JM01		MERIDIAN	LCS 320-152015/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	02/23/201	02/23/2017			20170223	17:22:00	20170303	09:37:00	LCS 320-1	1	1			13C4 PFOA	13C4 PFOA	106	106	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-25962	320-153020		
N6247016	JM01		MERIDIAN	LCS 320-152015/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	02/23/201	02/23/2017			20170223	17:22:00	20170303	09:37:00	LCS 320-1	1	1			13C4 PFOS	13C4 PFOS	91	91	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-25962	320-153020		
N6247016	JM01		MERIDIAN	LCS 320-152015/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	02/23/201	02/23/2017			20170223	17:22:00	20170303	09:37:00	LCS 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	112	112	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.10	0.30	0.40	320-25962	320-153020		
N6247016	JM01		MERIDIAN	LCS 320-152015/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	02/23/201	02/23/2017			20170223	17:22:00	20170303	09:37:00	LCS 320-1	1	1			18O2 PFHXS	18O2 PFHX	101	101	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-25962	320-153020		
N6247016	JM01		MERIDIAN	LCS 320-152172/2-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BS	W	4	02/24/201	02/24/2017			20170224	15:44:00	20170306	11:46:00	LCS 320-1	1	1			1,4-Dioxane	123-91-1	29	29	PCT_REC	M	M	PR	TRG		LSA	52	12	00000000				5.0	0.20	0.50	1.0	320-25962	320-153398		
N6247016	JM01		MERIDIAN	LCS 320-152172/2-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BS	W	4	02/24/201	02/24/2017			20170224	15:44:00	20170306	11:46:00	LCS 320-1	1	1			Nitrobenzene-D5	4165-60-0	73	73	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-25962	320-153398		
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	97	97	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.75	2.0	2.5	320-25962	320-152836		
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	96	96	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	1.3	3.0	4.0	320-25962	320-152836		
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			13C4 PFOA	13C4 PFOA	142	142	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-25962	320-152836		
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			13C4 PFOS	13C4 PFOS	133	133	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-25962	320-152836		
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	112	112	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.92	2.0	2.5	320-25962	320-152836		
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			18O2 PFHXS	18O2 PFHX	136	136	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-25962	320-152836		
N6247016	JM01		MERIDIAN	LCSD 320-152172/3-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BSD	W	4	02/24/201	02/24/2017			20170224	15:44:00	20170306	12:08:00	LCSD 320-	1	1			1,4-Dioxane	123-91-1	26	26	PCT_REC	M	M	PR	TRG		LSP	52	12	00000000				5.0	0.20	0.50	1.0	320-25962	320-153398		
N6247016	JM01		MERIDIAN	LCSD 320-152172/3-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BSD	W	4	02/24/201	02/24/2017			20170224	15:44:00	20170306	12:08:00	LCSD 320-	1	1			Nitrobenzene-D5	4165-60-0	61	61	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-25962	320-153398		
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	96	96	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	0.75	2.0	2.5	320-25962	320-152836		
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	96	96	PCT_REC	M	M	PR	TRG		LSP	140	60	00000000				5.0	1.3	3.0	4.0	320-25962	320-152836		
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			13C4 PFOA	13C4 PFOA	142	142	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-25962	320-152836		
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			13C4 PFOS	13C4 PFOS	135	135	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-25962	320-152836		
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	114	114	PCT_REC	M	M	PR	TRG		LSP	150	50	00000000				5.0	0.92	2.0	2.5	320-25962	320-152836		
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			18O2 PFHXS	18O2 PFHX	140	140	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-25962	320-152836		
N6247016	JM01		MERIDIAN	MB 320-152015/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	02/23/201	02/23/2017			20170223	17:22:00	20170301	18:37:00	MB 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.30	0.30	UG_KG	U	U	PR	TRG					00000000				5.0	0.10	0.30	0.50	320-25962	320-152825		
N6247016	JM01		MERIDIAN	MB 320-152015/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	02/23/201	02/23/2017			20170223	17:22:00	20170301	18:37:00	MB 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.178	0.178	UG_KG	J	J	PR	TRG					00000000				5.0	0.13	0.30	0.50	320-25962	320-152825		
N6247016	JM01		MERIDIAN	MB 320-152015/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	02/23/201	02/23/2017			20170223	17:22:00	20170301	18:37:00	MB 320-1	1	1			13C4 PFOA	13C4 PFOA	121	121	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-25962	320-152825		
N6247016	JM01		MERIDIAN	MB 320-152015/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	02/23/201	02/23/2017			20170223	17:22:00	20170301	18:37:00	MB 320-1	1	1			13C4 PFOS	13C4 PFOS	95	95	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-25962	320-152825		
N6247016	JM01		MERIDIAN	MB 320-152015/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	02/23/201	02/23/2017			20170223	17:22:00	20170301	18:37:00	MB 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.30	0.30	UG_KG	U	U	PR	TRG					00000000				5.0	0.10	0.30	0.40	320-25962	320-152825		
N6247016	JM01		MERIDIAN	MB 320-152015/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	02/23/201	02/23/2017			20170223	17:22:00	20170301	18:37:00	MB 320-1	1	1			18O2 PFHXS	18O2 PFHX	113	113	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-25962	320-152825		
N6247016	JM01		MERIDIAN	MB 320-152172/1-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	LB1	W	4	02/24/201	02/24/2017			20170224	15:44:00	20170306	11:24:00	MB 320-1	1	1			1,4-Dioxane	123-91-1	0.50	0.50	UG_L	U	U	PR	TRG					00000000				5.0	0.20	0.50	1.0	320-25962	320-153398		
N6247016	JM01		MERIDIAN	MB 320-152172/1-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	LB1	W	4	02/24/201	02/24/2017			20170224	15:44:00	20170306	11:24:00	MB 320-1	1	1			Nitrobenzene-D5	4165-60-0	63	63	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-25962	320-153398		
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.002	0.002	UG_L	UM	UM	PR	TRG					00000000				5.0	0.00075	0.002	0.0025	320-25962	320-152836		
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.003	0.003	UG_L	U	U	PR	TRG					00000000				5.0	0.0013	0.003	0.004	320-25962	320-152836		
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			13C4 PFOA	13C4 PFOA	158	158	PCT_REC	Q	Q	PR	SURR		SMSA	150	25	00000000				5.0				320-25962	320-152836		
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			13C4 PFOS	13C4 PFOS	138	138	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-25962	320-152836		
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.002	0.002	UG_L	U	U	PR	TRG					00000000				5.0	0.00092	0.002	0.0025	320-25962	320-152836		
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017			20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			18O2 PFHXS	18O2 PFHX	145	145	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-25962	320-152836		
N6247016	JM01		MERIDIAN	MEAFF-FTA1-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:27:00	320-26011	1	1	24.6		Perfluorooctanoic acid (PFOA)	335-67-1	2.6	2.6	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.13	0.40	0.66	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FTA1-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:27:00	320-26011	1	1	24.6		Perfluorooctane Sulfonate (PFOS)	1763-23-1	5.0	5.0	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.17	0.40	0.66	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FTA1-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:27:00	320-26011	1	1	24.6		13C4 PFOA	13C4 PFOA	94	94	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FTA1-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:27:00	320-26011	1	1	24.6		13C4 PFOS	13C4 PFOS	34	34	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FTA1-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:27:00	320-26011	1	1	24.6		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.40	0.40	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.14	0.40	0.53	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FTA1-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:27:00	320-26011	1	1	24.6		18O2 PFHXS	18O2 PFHX	90	90	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD01-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:35:00	320-26011	1	1	25.2		Perfluorooctanoic acid (PFOA)	335-67-1	1.9	1.9	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.13	0.39	0.66	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD01-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:35:00	320-26011	1	1	25.2		Perfluorooctane Sulfonate (PFOS)	1763-23-1	4.9	4.9	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.17	0.39	0.66	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD01-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:35:00	320-26011	1	1	25.2		13C4 PFOA	13C4 PFOA	103	103	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD01-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:35:00	320-26011	1	1	25.2		13C4 PFOS	13C4 PFOS	61	61	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD01-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:35:00	320-26011	1	1	25.2		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.39	0.39	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.14	0.39	0.53	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD01-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:35:00	320-26011	1	1	25.2		18O2 PFHXS	18O2 PFHX	93	93	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FTA1-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:42:00	320-26011	1	1	26.4		Perfluorooctanoic acid (PFOA)	335-67-1	0.19	0.19	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.14	0.40	0.67	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FTA1-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:42:00	320-26011	1	1	26.4		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.38	0.38	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.17	0.40	0.67	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FTA1-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:42:00	320-26011	1	1	26.4		13C4 PFOA	13C4 PFOA	98	98	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FTA1-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:42:00	320-26011	1	1	26.4		13C4 PFOS	13C4 PFOS	48	48	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FTA1-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:42:00	320-26011	1	1	26.4		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.40	0.40	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.14	0.40	0.53	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FTA1-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:42:00	320-26011	1	1	26.4		18O2 PFHXS	18O2 PFHX	92	92	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4B-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:50:00	320-26011	1	1	19.7		Perfluorooctanoic acid (PFOA)	335-67-1	1.4	1.4	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.13	0.37	0.62	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4B-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:50:00	320-26011	1	1	19.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1	26	26	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.16	0.37	0.62	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4B-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:50:00	320-26011	1	1	19.7		13C4 PFOA	13C4 PFOA	108	108	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4B-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:50:00	320-26011	1	1	19.7		13C4 PFOS	13C4 PFOS	62	62	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4B-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:50:00	320-26011	1	1	19.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.37	0.37	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.13	0.37	0.50	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4B-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:50:00	320-26011	1	1	19.7		18O2 PFHXS	18O2 PFHX	94	94	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD02-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:57:00	320-26011	1	1	17.0		Perfluorooctanoic acid (PFOA)	335-67-1	4.0	4.0	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.12	0.36	0.60	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD02-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:57:00	320-26011	1	1	17.0		Perfluorooctane Sulfonate (PFOS)	1763-23-1	23	23	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.15	0.36	0.60	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD02-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:57:00	320-26011	1	1	17.0		13C4 PFOA	13C4 PFOA	113	113	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD02-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:57:00	320-26011	1	1	17.0		13C4 PFOS	13C4 PFOS	71	71	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD02-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:57:00	320-26011	1	1	17.0		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.36	0.36	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.12	0.36	0.48	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD02-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170311	23:57:00	320-26011	1	1	17.0		18O2 PFHXS	18O2 PFHX	93	93	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4B-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:05:00	320-26011	1	1	21.5		Perfluorooctanoic acid (PFOA)	335-67-1	3.2	3.2	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.13	0.39	0.65	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4B-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:05:00	320-26011	1	1	21.5		Perfluorooctane Sulfonate (PFOS)	1763-23-1	6.3	6.3	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.16	0.39	0.65	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4B-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:05:00	320-26011	1	1	21.5		13C4 PFOA	13C4 PFOA	105	105	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4B-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:05:00	320-26011	1	1	21.5		13C4 PFOS	13C4 PFOS	39	39	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4B-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:05:00	320-26011	1	1	21.5		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.39	0.39	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.13	0.39	0.52	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4B-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:05:00	320-26011	1	1	21.5		18O2 PFHXS	18O2 PFHX	98	98	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4D-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:12:00	320-26011	1	1	12.8		Perfluorooctanoic acid (PFOA)	335-67-1	0.19	0.19	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.12	0.35	0.58	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4D-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:12:00	320-26011	1	1	12.8		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.35	0.35	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.15	0.35	0.58	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4D-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:12:00	320-26011	1	1	12.8		13C4 PFOA	13C4 PFOA	106	106	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4D-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:12:00	320-26011	1	1	12.8		13C4 PFOS	13C4 PFOS	42	42	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4D-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:12:00	320-26011	1	1	12.8		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.35	0.35	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.12	0.35	0.47	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4D-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:12:00	320-26011	1	1	12.8		18O2 PFHXS	18O2 PFHX	91	91	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD03-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:28:00	320-26011	1	1	12.7		Perfluorooctanoic acid (PFOA)	335-67-1	0.14	0.14	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.12	0.35	0.58	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD03-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:28:00	320-26011	1	1	12.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.35	0.35	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.15	0.35	0.58	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD03-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:28:00	320-26011	1	1	12.7		13C4 PFOA	13C4 PFOA	113	113	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD03-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:28:00	320-26011	1	1	12.7		13C4 PFOS	13C4 PFOS	64	64	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD03-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:28:00	320-26011	1	1	12.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.35	0.35	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.12	0.35	0.46	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-FD03-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:28:00	320-26011	1	1	12.7		18O2 PFHXS	18O2 PFHX	95	95	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4D-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:35:00	320-26011	1	1	8.9		Perfluorooctanoic acid (PFOA)	335-67-1	0.33	0.33	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.11	0.33	0.55	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4D-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:35:00	320-26011	1	1	8.9		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.33	0.33	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.14	0.33	0.55	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4D-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:35:00	320-26011	1	1	8.9		13C4 PFOA	13C4 PFOA	103	103	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4D-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:35:00	320-26011	1	1	8.9		13C4 PFOS	13C4 PFOS	60	60	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4D-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:35:00	320-26011	1	1	8.9		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.33	0.33	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.11	0.33	0.44	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4D-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:35:00	320-26011	1	1	8.9		18O2 PFHXS	18O2 PFHX	94	94	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-EB02-022217-SO	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017			20170228	16:42:00	20170302	11:20:00	320-26011	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0018	0.0018	UG_L	U	U	PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00066	0.0018	0.0022	320-26011	320-152836		
N6247016	JM01		MERIDIAN	MEAFF-EB02-022217-SO	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017			20170228	16:42:00	20170302	11:20:00	320-26011	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0011	0.0011	UG_L	JM	JM	PR	TRG					00000000	AQ (Field Blanks)			5.0	0.0011	0.0026	0.0035	320-26011	320-152836		
N6247016	JM01		MERIDIAN	MEAFF-EB02-022217-SO	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017			20170228	16:42:00	20170302	11:20:00	320-26011	1	1			13C4 PFOA	13C4 PFOA	159	159	PCT_REC	Q	Q	PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0				320-26011	320-152836		
N6247016	JM01		MERIDIAN	MEAFF-EB02-022217-SO	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017			20170228	16:42:00	20170302	11:20:00	320-26011	1	1			13C4 PFOS	13C4 PFOS	140	140	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0				320-26011	320-152836		
N6247016	JM01		MERIDIAN	MEAFF-EB02-022217-SO	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017			20170228	16:42:00	20170302	11:20:00	320-26011	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0018	0.0018	UG_L	U	U	PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00081	0.0018	0.0022	320-26011	320-152836		
N6247016	JM01		MERIDIAN	MEAFF-EB02-022217-SO	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017			20170228	16:42:00	20170302	11:20:00	320-26011	1	1			18O2 PFHXS	18O2 PFHX	143	143	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0				320-26011	320-152836		
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:43:00	320-26011	1	1	13.5		Perfluorooctanoic acid (PFOA)	335-67-1	0.31	0.31	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.12	0.34	0.57	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:43:00	320-26011	1	1	13.5		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.63	0.63	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.14	0.34	0.57	320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:43:00	320-26011	1	1	13.5		13C4 PFOA	13C4 PFOA	130	130	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:43:00	320-26011	1	1	13.5		13C4 PFOS	13C4 PFOS	89	89	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516		
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017			20170302	16:23:00	20170312	00:43:00	320-26011	1	1	13.5		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.18	0.18	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.12	0.34	0.46	320-26011	320-154516		

N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	00:43:00	320-26011	1	1	13.5		18O2 PFHXS	18O2 PFHX	106	106	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	00:50:00	320-26011	1	1	14.3		Perfluorooctanoic acid (PFOA)	335-67-1	0.35	0.35	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.12	0.35	0.59	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	00:50:00	320-26011	1	1	14.3		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.35	0.35	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.15	0.35	0.59	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	00:50:00	320-26011	1	1	14.3		13C4 PFOA	13C4 PFOA	98	98	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	00:50:00	320-26011	1	1	14.3		13C4 PFOS	13C4 PFOS	32	32	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	00:50:00	320-26011	1	1	14.3		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.35	0.35	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.12	0.35	0.47	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	00:50:00	320-26011	1	1	14.3		18O2 PFHXS	18O2 PFHX	89	89	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	00:58:00	320-26011	1	1	19.2		Perfluorooctanoic acid (PFOA)	335-67-1	0.26	0.26	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.12	0.37	0.61	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	00:58:00	320-26011	1	1	19.2		Perfluorooctane Sulfonate (PFOS)	1763-23-1	21	21	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.15	0.37	0.61	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	00:58:00	320-26011	1	1	19.2		13C4 PFOA	13C4 PFOA	128	128	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	00:58:00	320-26011	1	1	19.2		13C4 PFOS	13C4 PFOS	74	74	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	00:58:00	320-26011	1	1	19.2		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.37	0.37	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.13	0.37	0.49	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	00:58:00	320-26011	1	1	19.2		18O2 PFHXS	18O2 PFHX	95	95	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:05:00	320-26011	1	1	14.9		Perfluorooctanoic acid (PFOA)	335-67-1	1.4	1.4	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.12	0.35	0.58	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:05:00	320-26011	1	1	14.9		Perfluorooctane Sulfonate (PFOS)	1763-23-1	21	21	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.15	0.35	0.58	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:05:00	320-26011	1	1	14.9		13C4 PFOA	13C4 PFOA	101	101	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:05:00	320-26011	1	1	14.9		13C4 PFOS	13C4 PFOS	37	37	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:05:00	320-26011	1	1	14.9		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.35	0.35	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.12	0.35	0.46	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4A-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:05:00	320-26011	1	1	14.9		18O2 PFHXS	18O2 PFHX	91	91	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB01-1012	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:13:00	320-26011	1	1	17.5		Perfluorooctanoic acid (PFOA)	335-67-1	0.36	0.36	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.12	0.36	0.60	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB01-1012	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:13:00	320-26011	1	1	17.5		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.72	0.72	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.15	0.36	0.60	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB01-1012	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:13:00	320-26011	1	1	17.5		13C4 PFOA	13C4 PFOA	108	108	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB01-1012	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:13:00	320-26011	1	1	17.5		13C4 PFOS	13C4 PFOS	51	51	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB01-1012	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:13:00	320-26011	1	1	17.5		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.36	0.36	UG_KG	U	U	PR	TRG					00000000	SO			5.0	0.12	0.36	0.48	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB01-1012	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:13:00	320-26011	1	1	17.5		18O2 PFHXS	18O2 PFHX	98	98	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB03-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:20:00	320-26011	1	1	24.2		Perfluorooctanoic acid (PFOA)	335-67-1	0.40	0.40	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.14	0.40	0.67	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB03-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:20:00	320-26011	1	1	24.2		Perfluorooctane Sulfonate (PFOS)	1763-23-1	1.4	1.4	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.17	0.40	0.67	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB03-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:20:00	320-26011	1	1	24.2		13C4 PFOA	13C4 PFOA	110	110	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB03-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:20:00	320-26011	1	1	24.2		13C4 PFOS	13C4 PFOS	56	56	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB03-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:20:00	320-26011	1	1	24.2		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.40	0.40	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.14	0.40	0.54	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB03-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:20:00	320-26011	1	1	24.2		18O2 PFHXS	18O2 PFHX	98	98	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:28:00	320-26011	1	1	28.3		Perfluorooctanoic acid (PFOA)	335-67-1	0.42	0.42	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.14	0.42	0.70	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:28:00	320-26011	1	1	28.3		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.20	0.20	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.18	0.42	0.70	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:28:00	320-26011	1	1	28.3		13C4 PFOA	13C4 PFOA	107	107	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:28:00	320-26011	1	1	28.3		13C4 PFOS	13C4 PFOS	52	52	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:28:00	320-26011	1	1	28.3		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.42	0.42	UG_KG	U	U	PR	TRG					00000000	SO			5.0	0.14	0.42	0.56	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:28:00	320-26011	1	1	28.3		18O2 PFHXS	18O2 PFHX	99	99	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:43:00	320-26011	1	1	28.3		Perfluorooctanoic acid (PFOA)	335-67-1	100	100	PCT_REC			PR	TRG		MSA	140	60	00000000				5.0	0.14	0.42	0.70	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:43:00	320-26011	1	1	28.3		Perfluorooctane Sulfonate (PFOS)	1763-23-1	102	102	PCT_REC	M	M	PR	TRG		MSA	140	60	00000000				5.0	0.18	0.42	0.70	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:43:00	320-26011	1	1	28.3		13C4 PFOA	13C4 PFOA	98	98	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:43:00	320-26011	1	1	28.3		13C4 PFOS	13C4 PFOS	59	59	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:43:00	320-26011	1	1	28.3		Perfluorobutanesulfonic acid (PFBS)	375-73-5	127	127	PCT_REC			PR	TRG		MSA	150	50	00000000				5.0	0.14	0.42	0.56	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:43:00	320-26011	1	1	28.3		18O2 PFHXS	18O2 PFHX	91	91	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:50:00	320-26011	1	1	28.3		Perfluorooctanoic acid (PFOA)	335-67-1	103	103	PCT_REC			PR	TRG		MSP	140	60	00000000				5.0	0.14	0.42	0.70	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:50:00	320-26011	1	1	28.3		Perfluorooctane Sulfonate (PFOS)	1763-23-1	106	106	PCT_REC	M	M	PR	TRG		MSP	140	60	00000000				5.0	0.18	0.42	0.70	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:50:00	320-26011	1	1	28.3		13C4 PFOA	13C4 PFOA	110	110	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:50:00	320-26011	1	1	28.3		13C4 PFOS	13C4 PFOS	61	61	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:50:00	320-26011	1	1	28.3		Perfluorobutanesulfonic acid (PFBS)	375-73-5	125	125	PCT_REC			PR	TRG		MSP	150	50	00000000				5.0	0.14	0.42	0.56	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-SB02-1012-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:50:00	320-26011	1	1	28.3		18O2 PFHXS	18O2 PFHX	106	106	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:58:00	320-26011	1	1	15.6		Perfluorooctanoic acid (PFOA)	335-67-1	0.36	0.36	UG_KG	U	U	PR	TRG					00000000	SO			5.0	0.12	0.36	0.59	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:58:00	320-26011	1	1	15.6		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.36	0.36	UG_KG	U	U	PR	TRG					00000000	SO			5.0	0.15	0.36	0.59	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:58:00	320-26011	1	1	15.6		13C4 PFOA	13C4 PFOA	86	86	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:58:00	320-26011	1	1	15.6		13C4 PFOS	13C4 PFOS	46	46	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:58:00	320-26011	1	1	15.6		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.36	0.36	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.12	0.36	0.47	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	01:58:00	320-26011	1	1	15.6		18O2 PFHXS	18O2 PFHX	78	78	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	03:05:00	320-26011	1	1	15.7		Perfluorooctanoic acid (PFOA)	335-67-1	0.35	0.35	UG_KG	U	U	PR	TRG					00000000	SO			5.0	0.12	0.35	0.58	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	03:05:00	320-26011	1	1	15.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.35	0.35	UG_KG	U	U	PR	TRG					00000000	SO			5.0	0.15	0.35	0.58	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	03:05:00	320-26011	1	1	15.7		13C4 PFOA	13C4 PFOA	81	81	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	03:05:00	320-26011	1	1	15.7		13C4 PFOS	13C4 PFOS	39	39	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	03:05:00	320-26011	1	1	15.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.35	0.35	UG_KG	U	U	PR	TRG					00000000	SO			5.0	0.12	0.35	0.47	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/22/201	02/23/2017		20170302	16:23:00	20170312	03:05:00	320-26011	1	1	15.7		18O2 PFHXS	18O2 PFHX	80	80	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	HYDRANT BLANK-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017		20170228	16:42:00	20170302	11:27:00	320-26011	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0018	0.0018	UG_L	UM	UM	PR	TRG					00000000	AQ (Weird)			5.0	0.00067	0.0018	0.0023	320-26011	320-152836	
N6247016	JM01		MERIDIAN	HYDRANT BLANK-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017		20170228	16:42:00	20170302	11:27:00	320-26011	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0027	0.0027	UG_L	U	U	PR	TRG					00000000	AQ (Weird)			5.0	0.0012	0.0027	0.0036	320-26011	320-152836	
N6247016	JM01		MERIDIAN	HYDRANT BLANK-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017		20170228	16:42:00	20170302	11:27:00	320-26011	1	1			13C4 PFOA	13C4 PFOA	98	98	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0				320-26011	320-152836	
N6247016	JM01		MERIDIAN	HYDRANT BLANK-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017		20170228	16:42:00	20170302	11:27:00	320-26011	1	1			13C4 PFOS	13C4 PFOS	132	132	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0				320-26011	320-152836	
N6247016	JM01		MERIDIAN	HYDRANT BLANK-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017		20170228	16:42:00	20170302	11:27:00	320-26011	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0018	0.0018	UG_L	U	U	PR	TRG					00000000	AQ (Weird)			5.0	0.00083	0.0018	0.0023	320-26011	320-152836	
N6247016	JM01		MERIDIAN	HYDRANT BLANK-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017		20170228	16:42:00	20170302	11:27:00	320-26011	1	1			18O2 PFHXS	18O2 PFHX	135	135	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0				320-26011	320-152836	
N6247016	JM01		MERIDIAN	GROUT TANK BLANK-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017		20170228	16:42:00	20170302	11:35:00	320-26011	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.00077	0.00077	UG_L	JM	JM	PR	TRG					00000000	AQ (Weird)			5.0	0.00064	0.0017	0.0021	320-26011	320-152836	
N6247016	JM01		MERIDIAN	GROUT TANK BLANK-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017		20170228	16:42:00	20170302	11:35:00	320-26011	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0026	0.0026	UG_L	U	U	PR	TRG					00000000	AQ (Weird)			5.0	0.0011	0.0026	0.0034	320-26011	320-152836	
N6247016	JM01		MERIDIAN	GROUT TANK BLANK-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017		20170228	16:42:00	20170302	11:35:00	320-26011	1	1			13C4 PFOA	13C4 PFOA	113	113	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0				320-26011	320-152836	
N6247016	JM01		MERIDIAN	GROUT TANK BLANK-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017		20170228	16:42:00	20170302	11:35:00	320-26011	1	1			13C4 PFOS	13C4 PFOS	138	138	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0				320-26011	320-152836	
N6247016	JM01		MERIDIAN	GROUT TANK BLANK-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017		20170228	16:42:00	20170302	11:35:00	320-26011	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0017	0.0017	UG_L	U	U	PR	TRG					00000000	AQ (Weird)			5.0	0.00079	0.0017	0.0021	320-26011	320-152836	
N6247016	JM01		MERIDIAN	GROUT TANK BLANK-022217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/22/201	02/23/2017		20170228	16:42:00	20170302	11:35:00	320-26011	1	1			18O2 PFHXS	18O2 PFHX	138	138	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0				320-26011	320-152836	
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	97	97	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.75	2.0	2.5	320-26011	320-152836	
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	96	96	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	1.3	3.0	4.0	320-26011	320-152836	
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			13C4 PFOA	13C4 PFOA	142	142	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26011	320-152836	
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			13C4 PFOS	13C4 PFOS	133	133	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26011	320-152836	
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	112	112	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.92	2.0	2.5	320-26011	320-152836	
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			18O2 PFHXS	18O2 PFHX	136	136	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26011	320-152836	
N6247016	JM01		MERIDIAN	LCS 320-152953/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	16:23:00	20170311	23:20:00	LCS 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	102	102	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.10	0.30	0.50	320-26011	320-154516	
N6247016	JM01		MERIDIAN	LCS 320-152953/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	16:23:00	20170311	23:20:00	LCS 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	102	102	PCT_REC	M	M	PR	TRG		LSA	140	60	00000000				5.0	0.13	0.30	0.50	320-26011	320-154516	
N6247016	JM01		MERIDIAN	LCS 320-152953/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	16:23:00	20170311	23:20:00	LCS 320-1	1	1			13C4 PFOA	13C4 PFOA	109	109	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	LCS 320-152953/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	16:23:00	20170311	23:20:00	LCS 320-1	1	1			13C4 PFOS	13C4 PFOS	95	95	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	LCS 320-152953/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	16:23:00	20170311	23:20:00	LCS 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	113	113	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.10	0.30	0.40	320-26011	320-154516	
N6247016	JM01		MERIDIAN	LCS 320-152953/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	16:23:00	20170311	23:20:00	LCS 320-1	1	1			18O2 PFHXS	18O2 PFHX	101	101	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	96	96	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	0.75	2.0	2.5	320-26011	320-152836	
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	96	96	PCT_REC	M	M	PR	TRG		LSP	140	60	00000000				5.0	1.3	3.0	4.0	320-26011	320-152836	
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			13C4 PFOA	13C4 PFOA	142	142	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26011	320-152836	
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			13C4 PFOS	13C4 PFOS	135	135	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26011	320-152836	
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	114	114	PCT_REC	M	M	PR	TRG		LSP	150	50	00000000				5.0	0.92	2.0	2.5	320-26011	320-152836	
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			18O2 PFHXS	18O2 PFHX	140	140	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26011	320-152836	
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.002	0.002	UG_L	UM	UM	PR	TRG					00000000				5.0	0.00075	0.002	0.0025	320-26011	320-152836	
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.003	0.003	UG_L	U	U	PR	TRG					00000000				5.0	0.0013	0.003	0.004	320-26011	320-152836	
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			13C4 PFOA	13C4 PFOA	158	158	PCT_REC	Q	Q	PR	SURR		SMSA	150	25	00000000				5.0				320-26011	320-152836	
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			13C4 PFOS	13C4 PFOS	138	138	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26011	320-152836	
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.002	0.002	UG_L	U	U	PR	TRG					00000000				5.0	0.00092	0.002	0.0025	320-26011	320-152836	
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			18O2 PFHXS	18O2 PFHX	145	145	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26011	320-152836	
N6247016	JM01		MERIDIAN	MB 320-152953/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	16:23:00	20170311	23:12:00	MB 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.30	0.30	UG_KG	U	U	PR	TRG					00000000				5.0	0.10	0.30	0.50	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MB 320-152953/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	16:23:00	20170311	23:12:00	MB 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.30	0.30	UG_KG	U	U	PR	TRG					00000000				5.0	0.13	0.30	0.50	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MB 320-152953/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	16:23:00	20170311	23:12:00	MB 320-1	1	1			13C4 PFOA	13C4 PFOA	133	133	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MB 320-152953/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	16:23:00	20170311	23:12:00	MB 320-1	1	1			13C4 PFOS	13C4 PFOS	111	111	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MB 320-152953/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	16:23:00	20170311	23:12:00	MB 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.30	0.30	UG_KG	U	U	PR	TRG					00000000				5.0	0.10	0.30	0.40	320-26011	320-154516	
N6247016	JM01		MERIDIAN	MB 320-152953/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	16:23:00	20170311	23:12:00	MB 320-1	1	1			18O2 PFHXS	18O2 PFHX	119	119	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26011	320-154516	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	15:57:00	320-26103	1	1	14.8		Perfluorooctanoic acid (PFOA)	335-67-1	0.35	0.35	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.12	0.35	0.58	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	15:57:00	320-26103	1	1	14.8		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.21	0.21	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.15	0.35	0.58	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	15:57:00	320-26103	1	1	14.8		13C4 PFOA	13C4 PFOA	123	123	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	15:57:00	320-26103	1	1	14.8		13C4 PFOS	13C4 PFOS	84	84	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	15:57:00	320-26103	1	1	14.8		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.35	0.35	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.12	0.35	0.47	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	15:57:00	320-26103	1	1	14.8		18O2 PFHXS	18O2 PFHX	100	100	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:05:00	320-26103	1	1	14.1		Perfluorooctanoic acid (PFOA)	335-67-1	0.35	0.35	UG_KG	U	U	PR	TRG					00000000	SO			5.0	0.12	0.35	0.58	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:05:00	320-26103	1	1	14.1		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.35	0.35	UG_KG	U	U	PR	TRG					00000000	SO			5.0	0.15	0.35	0.58	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:05:00	320-26103	1	1	14.1		13C4 PFOA	13C4 PFOA	96	96	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:05:00	320-26103	1	1	14.1		13C4 PFOS	13C4 PFOS	44	44	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:05:00	320-26103	1	1	14.1		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.35	0.35	UG_KG	U	U	PR	TRG					00000000	SO			5.0	0.12	0.35	0.47	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:05:00	320-26103	1	1	14.1		18O2 PFHXS	18O2 PFHX	81	81	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:12:00	320-26103	1	1	15.7		Perfluorooctanoic acid (PFOA)	335-67-1	0.76	0.76	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.12	0.36	0.60	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:12:00	320-26103	1	1	15.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1	1.9	1.9	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.15	0.36	0.60	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:12:00	320-26103	1	1	15.7		13C4 PFOA	13C4 PFOA	109	109	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:12:00	320-26103	1	1	15.7		13C4 PFOS	13C4 PFOS	60	60	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:12:00	320-26103	1	1	15.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.36	0.36	UG_KG	U	U	PR	TRG					00000000	SO			5.0	0.12	0.36	0.48	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:12:00	320-26103	1	1	15.7		18O2 PFHXS	18O2 PFHX	90	90	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:20:00	320-26103	1	1	15.7		Perfluorooctanoic acid (PFOA)	335-67-1	108	108	PCT_REC	M	M	PR	TRG		MSA	140	60	00000000				5.0	0.12	0.36	0.60	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:20:00	320-26103	1	1	15.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1	104	104	PCT_REC	M	M	PR	TRG		MSA	140	60	00000000				5.0	0.15	0.36	0.60	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:20:00	320-26103	1	1	15.7		13C4 PFOA	13C4 PFOA	104	104	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:20:00	320-26103	1	1	15.7		13C4 PFOS	13C4 PFOS	68	68	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:20:00	320-26103	1	1	15.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5	123	123	PCT_REC			PR	TRG		MSA	150	50	00000000				5.0	0.12	0.36	0.48	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:20:00	320-26103	1	1	15.7		18O2 PFHXS	18O2 PFHX	90	90	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:27:00	320-26103	1	1	15.7		Perfluorooctanoic acid (PFOA)	335-67-1	105	105	PCT_REC	M	M	PR	TRG		MSP	140	60	00000000				5.0	0.12	0.35	0.59	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:27:00	320-26103	1	1	15.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1	114	114	PCT_REC	M	M	PR	TRG		MSP	140	60	00000000				5.0	0.15	0.35	0.59	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:27:00	320-26103	1	1	15.7		13C4 PFOA	13C4 PFOA	112	112	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26103	320-154503	

N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:27:00	320-26103	1	1	15.7		13C4 PFOS	13C4 PFOS	72	72	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:27:00	320-26103	1	1	15.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5	123	123	PCT_REC			PR	TRG		MSP	150	50	00000000				5.0	0.12	0.35	0.47	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0001-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:27:00	320-26103	1	1	15.7		18O2 PFHXS	18O2 PFHX	94	94	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:35:00	320-26103	1	1	17.6		Perfluorooctanoic acid (PFOA)	335-67-1	0.22	0.22	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.12	0.36	0.60	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:35:00	320-26103	1	1	17.6		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.42	0.42	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.15	0.36	0.60	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:35:00	320-26103	1	1	17.6		13C4 PFOA	13C4 PFOA	98	98	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:35:00	320-26103	1	1	17.6		13C4 PFOS	13C4 PFOS	45	45	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:35:00	320-26103	1	1	17.6		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.36	0.36	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.12	0.36	0.48	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SDA4C-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:35:00	320-26103	1	1	17.6		18O2 PFHXS	18O2 PFHX	86	86	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB02-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:42:00	320-26103	1	1	26.1		Perfluorooctanoic acid (PFOA)	335-67-1	0.41	0.41	UG_KG	U	U	PR	TRG					00000000	SO			5.0	0.14	0.41	0.68	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB02-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:42:00	320-26103	1	1	26.1		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.41	0.41	UG_KG	U	U	PR	TRG					00000000	SO			5.0	0.17	0.41	0.68	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB02-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:42:00	320-26103	1	1	26.1		13C4 PFOA	13C4 PFOA	109	109	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB02-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:42:00	320-26103	1	1	26.1		13C4 PFOS	13C4 PFOS	103	103	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB02-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:42:00	320-26103	1	1	26.1		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.41	0.41	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.14	0.41	0.54	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB02-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:42:00	320-26103	1	1	26.1		18O2 PFHXS	18O2 PFHX	103	103	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0504-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/23/201	02/24/2017		20170302	13:45:00	20170314	16:12:00	320-26103	1	1			1,4-Dioxane	123-91-1	0.47	0.47	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.19	0.47	0.94	320-26103	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0504-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/23/201	02/24/2017		20170302	13:45:00	20170314	16:12:00	320-26103	1	1			Nitrobenzene-D5	4165-60-0	72	72	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26103	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0621-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/23/201	02/24/2017		20170302	13:45:00	20170314	16:35:00	320-26103	1	1			1,4-Dioxane	123-91-1	0.47	0.47	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.19	0.47	0.95	320-26103	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0621-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/23/201	02/24/2017		20170302	13:45:00	20170314	16:35:00	320-26103	1	1			Nitrobenzene-D5	4165-60-0	58	58	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26103	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0621-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170302	11:42:00	320-26103	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	5.4	5.4	UG_L	ME	ME	PR	TRG					00000000	GW			5.0	0.00063	0.0017	0.0021	320-26103	320-152836	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0621-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170302	11:42:00	320-26103	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.4	0.4	UG_L	E	E	PR	TRG					00000000	GW			5.0	0.0011	0.0025	0.0034	320-26103	320-152836	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0621-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170302	11:42:00	320-26103	1	1			13C4 PFOA	13C4 PFOA	25	25	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26103	320-152836	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0621-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170302	11:42:00	320-26103	1	1			13C4 PFOS	13C4 PFOS	121	121	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26103	320-152836	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0621-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170302	11:42:00	320-26103	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.86	0.86	UG_L	ME	ME	PR	TRG					00000000	GW			5.0	0.00078	0.0017	0.0021	320-26103	320-152836	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0621-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170302	11:42:00	320-26103	1	1			18O2 PFHXS	18O2 PFHX	32	32	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26103	320-152836	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0621-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170303	09:45:00	320-26103	50	2			Perfluorooctanoic acid (PFOA)	335-67-1	13	13	UG_L	DM	DM	PR	TRG					00000000	GW			5.0	0.032	0.085	0.11	320-26103	320-153020	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0621-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170303	09:45:00	320-26103	50	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.41	0.41	UG_L	D	D	PR	TRG					00000000	GW			5.0	0.054	0.13	0.17	320-26103	320-153020	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0621-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170303	09:45:00	320-26103	50	2			13C4 PFOA	13C4 PFOA	101	101	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26103	320-153020	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0621-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170303	09:45:00	320-26103	50	2			13C4 PFOS	13C4 PFOS	138	138	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26103	320-153020	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0621-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170303	09:45:00	320-26103	50	2			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.69	0.69	UG_L	D	D	PR	TRG					00000000	GW			5.0	0.039	0.085	0.11	320-26103	320-153020	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0621-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170303	09:45:00	320-26103	50	2			18O2 PFHXS	18O2 PFHX	137	137	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26103	320-153020	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB05-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:57:00	320-26103	1	1	23.0		Perfluorooctanoic acid (PFOA)	335-67-1	0.41	0.41	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.13	0.39	0.65	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB05-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:57:00	320-26103	1	1	23.0		Perfluorooctane Sulfonate (PFOS)	1763-23-1	2.4	2.4	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.16	0.39	0.65	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB05-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:57:00	320-26103	1	1	23.0		13C4 PFOA	13C4 PFOA	99	99	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB05-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:57:00	320-26103	1	1	23.0		13C4 PFOS	13C4 PFOS	60	60	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB05-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:57:00	320-26103	1	1	23.0		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.37	0.37	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.13	0.39	0.52	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB05-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	16:57:00	320-26103	1	1	23.0		18O2 PFHXS	18O2 PFHX	93	93	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB04-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	17:05:00	320-26103	1	1	29.2		Perfluorooctanoic acid (PFOA)	335-67-1	22	22	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.14	0.43	0.71	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB04-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	17:05:00	320-26103	1	1	29.2		Perfluorooctane Sulfonate (PFOS)	1763-23-1	770	770	UG_KG	EM	EM	PR	TRG					00000000	SO			5.0	0.18	0.43	0.71	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB04-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	17:05:00	320-26103	1	1	29.2		13C4 PFOA	13C4 PFOA	85	85	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB04-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	17:05:00	320-26103	1	1	29.2		13C4 PFOS	13C4 PFOS	32	32	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB04-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	17:05:00	320-26103	1	1	29.2		Perfluorobutanesulfonic acid (PFBS)	375-73-5	3.1	3.1	UG_KG			PR	TRG					00000000	SO			5.0	0.15	0.43	0.57	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB04-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	17:05:00	320-26103	1	1	29.2		18O2 PFHXS	18O2 PFHX	86	86	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB04-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170313	16:46:00	320-26103	100	2	29.2		Perfluorooctanoic acid (PFOA)	335-67-1	22	22	UG_KG	JDM	JDM	PR	TRG					00000000	SO			5.0	14	43	71	320-26103	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB04-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170313	16:46:00	320-26103	100	2	29.2		Perfluorooctane Sulfonate (PFOS)	1763-23-1	1000	1000	UG_KG	DM	DM	PR	TRG					00000000	SO			5.0	18	43	71	320-26103	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB04-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170313	16:46:00	320-26103	100	2	29.2		13C4 PFOA	13C4 PFOA	89	89	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB04-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170313	16:46:00	320-26103	100	2	29.2		13C4 PFOS	13C4 PFOS	54	54	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB04-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170313	16:46:00	320-26103	100	2	29.2		Perfluorobutanesulfonic acid (PFBS)	375-73-5	43	43	UG_KG	U	U	PR	TRG					00000000	SO			5.0	15	43	57	320-26103	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB04-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170313	16:46:00	320-26103	100	2	29.2		18O2 PFHXS	18O2 PFHX	75	75	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB03-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	17:12:00	320-26103	1	1	24.1		Perfluorooctanoic acid (PFOA)	335-67-1	0.14	0.14	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.13	0.39	0.65	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB03-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	17:12:00	320-26103	1	1	24.1		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.61	0.61	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.16	0.39	0.65	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB03-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	17:12:00	320-26103	1	1	24.1		13C4 PFOA	13C4 PFOA	102	102	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB03-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	17:12:00	320-26103	1	1	24.1		13C4 PFOS	13C4 PFOS	87	87	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB03-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	17:12:00	320-26103	1	1	24.1		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.74	0.74	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.13	0.39	0.52	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-FTA2-SB03-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/23/201	02/24/2017		20170302	17:04:00	20170311	17:12:00	320-26103	1	1	24.1		18O2 PFHXS	18O2 PFHX	98	98	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0503-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/23/201	02/24/2017		20170302	13:45:00	20170314	16:57:00	320-26103	1	1			1,4-Dioxane	123-91-1	0.48	0.48	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.19	0.48	0.97	320-26103	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0503-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/23/201	02/24/2017		20170302	13:45:00	20170314	16:57:00	320-26103	1	1			Nitrobenzene-D5	4165-60-0	68	68	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26103	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0615-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/23/201	02/24/2017		20170302	13:45:00	20170314	17:20:00	320-26103	1	1			1,4-Dioxane	123-91-1	0.49	0.49	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.19	0.49	0.97	320-26103	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0615-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/23/201	02/24/2017		20170302	13:45:00	20170314	17:20:00	320-26103	1	1			Nitrobenzene-D5	4165-60-0	59	59	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26103	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0615-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170302	11:57:00	320-26103	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.21	0.21	UG_L			PR	TRG					00000000	GW			5.0	0.00064	0.0017	0.0021	320-26103	320-152836	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0615-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170302	11:57:00	320-26103	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.046	0.046	UG_L			PR	TRG					00000000	GW			5.0	0.0011	0.0026	0.0034	320-26103	320-152836	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0615-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170302	11:57:00	320-26103	1	1			13C4 PFOA	13C4 PFOA	77	77	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26103	320-152836	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0615-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170302	11:57:00	320-26103	1	1			13C4 PFOS	13C4 PFOS	133	133	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26103	320-152836	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0615-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170302	11:57:00	320-26103	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.18	0.18	UG_L			PR	TRG					00000000	GW			5.0	0.00078	0.0017	0.0021	320-26103	320-152836	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0615-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/23/201	02/24/2017		20170228	16:42:00	20170302	11:57:00	320-26103	1	1			18O2 PFHXS	18O2 PFHX	117	117	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26103	320-152836	
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	97	97	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.75	2.0	2.5	320-26103	320-152836	
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	96	96	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	1.3	3.0	4.0	320-26103	320-152836	
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			13C4 PFOA	13C4 PFOA	142	142	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26103	320-152836	
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			13C4 PFOS	13C4 PFOS	133	133	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26103	320-152836	
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	112	112	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.92	2.0	2.5	320-26103	320-152836	
N6247016	JM01		MERIDIAN	LCS 320-152587/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:42:00	LCS 320-1	1	1			18O2 PFHXS	18O2 PFHX	136	136	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26103	320-152836	
N6247016	JM01		MERIDIAN	LCS 320-152910/2-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BS	W	4	03/02/201	03/02/2017		20170302	13:45:00	20170314	15:27:00	LCS 320-1	1	1			1,4-Dioxane	123-91-1	32	32	PCT_REC	M	M	PR	TRG		LSA	52	12	00000000				5.0	0.20	0.50	1.0	320-26103	320-154875	
N6247016	JM01		MERIDIAN	LCS 320-152910/2-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BS	W	4	03/02/201	03/02/2017		20170302	13:45:00	20170314	15:27:00	LCS 320-1	1	1			Nitrobenzene-D5	4165-60-0	73	73	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-26103	320-154875	
N6247016	JM01		MERIDIAN	LCS 320-152961/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:50:00	LCS 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	106	106	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.10	0.30	0.50	320-26103	320-154503	
N6247016	JM01		MERIDIAN	LCS 320-152961/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:50:00	LCS 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	105	105	PCT_REC	M	M	PR	TRG		LSA	140	60	00000000				5.0	0.13	0.30	0.50	320-26103	320-154503	
N6247016	JM01		MERIDIAN	LCS 320-152961/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:50:00	LCS 320-1	1	1			13C4 PFOA	13C4 PFOA	113	113	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	LCS 320-152961/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:50:00	LCS 320-1	1	1			13C4 PFOS	13C4 PFOS	100	100	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	LCS 320-152961/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:50:00	LCS 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	114	114	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.10	0.30	0.40	320-26103	320-154503	
N6247016	JM01		MERIDIAN	LCS 320-152961/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:50:00	LCS 320-1	1	1			18O2 PFHXS	18O2 PFHX	108	108	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	96	96	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	0.75	2.0	2.5	320-26103	320-152836	
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	96	96	PCT_REC	M	M	PR	TRG		LSP	140	60	00000000				5.0	1.3	3.0	4.0	320-26103	320-152836	
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			13C4 PFOA	13C4 PFOA	142	142	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26103	320-152836	
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			13C4 PFOS	13C4 PFOS	135	135	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26103	320-152836	
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	114	114	PCT_REC	M	M	PR	TRG		LSP	150	50	00000000				5.0	0.92	2.0	2.5	320-26103	320-152836	
N6247016	JM01		MERIDIAN	LCSD 320-152587/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:50:00	LCSD 320-	1	1			18O2 PFHXS	18O2 PFHX	140	140	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26103	320-152836	
N6247016	JM01		MERIDIAN	LCSD 320-152910/3-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BSD	W	4	03/02/201	03/02/2017		20170302	13:45:00	20170314	15:49:00	LCSD 320-	1	1			1,4-Dioxane	123-91-1	30	30	PCT_REC	M	M	PR	TRG		LSP	52	12	00000000				5.0	0.20	0.50	1.0	320-26103	320-154875	
N6247016	JM01		MERIDIAN	LCSD 320-152910/3-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BSD	W	4	03/02/201	03/02/2017		20170302	13:45:00	20170314	15:49:00	LCSD 320-	1	1			Nitrobenzene-D5	4165-60-0	74	74	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-26103	320-154875	
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.002	0.002	UG_L	UM	UM	PR	TRG					00000000				5.0	0.00075	0.002	0.0025	320-26103	320-152836	
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.003	0.003	UG_L	U	U	PR	TRG					00000000				5.0	0.0013	0.003	0.004	320-26103	320-152836	
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			13C4 PFOA	13C4 PFOA	158	158	PCT_REC	Q	Q	PR	SURR		SMSA	150	25	00000000				5.0				320-26103	320-152836	
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			13C4 PFOS	13C4 PFOS	138	138	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26103	320-152836	
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.002	0.002	UG_L	U	U	PR	TRG					00000000				5.0	0.00092	0.002	0.0025	320-26103	320-152836	
N6247016	JM01		MERIDIAN	MB 320-152587/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	02/28/201	02/28/2017		20170228	16:42:00	20170302	10:35:00	MB 320-1	1	1			18O2 PFHXS	18O2 PFHX	145	145	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26103	320-152836	
N6247016	JM01		MERIDIAN	MB 320-152910/1-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	LB1	W	4	03/02/201	03/02/2017		20170302	13:45:00	20170314	15:04:00	MB 320-1	1	1			1,4-Dioxane	123-91-1	0.50	0.50	UG_L	U	U	PR	TRG					00000000				5.0	0.20	0.50	1.0	320-26103	320-154875	
N6247016	JM01		MERIDIAN	MB 320-152910/1-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	LB1	W	4	03/02/201	03/02/2017		20170302	13:45:00	20170314	15:04:00	MB 320-1	1	1			Nitrobenzene-D5	4165-60-0	69	69	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-26103	320-154875	
N6247016	JM01		MERIDIAN	MB 320-152961/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:42:00	MB 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.30	0.30	UG_KG	UM	UM	PR	TRG					00000000				5.0	0.10	0.30	0.50	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MB 320-152961/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:42:00	MB 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.30	0.30	UG_KG	U	U	PR	TRG					00000000				5.0	0.13	0.30	0.50	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MB 320-152961/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:42:00	MB 320-1	1	1			13C4 PFOA	13C4 PFOA	122	122	PCT_REC	M	M	PR	SURR		SMSA	150	25	00000000				5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MB 320-152961/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:42:00	MB 320-1	1	1			13C4 PFOS	13C4 PFOS	99	99	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MB 320-152961/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:42:00	MB 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.30	0.30	UG_KG	U	U	PR	TRG					00000000				5.0	0.10	0.30	0.40	320-26103	320-154503	
N6247016	JM01		MERIDIAN	MB 320-152961/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:42:00	MB 320-1	1	1			18O2 PFHXS	18O2 PFHX	113	113	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26103	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-08MW01D-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	17:42:00	320-26105	1	1			1,4-Dioxane	123-91-1	0.48	0.48	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.19	0.48	0.95	320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-08MW01D-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	17:42:00	320-26105	1	1			Nitrobenzene-D5	4165-60-0	80	80	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-08MW01D-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:11:00	320-26105	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0019	0.0019	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.00072	0.0019	0.0024	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW01D-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:11:00	320-26105	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0029	0.0029	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.0012	0.0029	0.0039	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW01D-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:11:00	320-26105	1	1			13C4 PFOA	13C4 PFOA	88	88	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW01D-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:11:00	320-26105	1	1			13C4 PFOS	13C4 PFOS	125	125	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW01D-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:11:00	320-26105	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0019	0.0019	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.00089	0.0019	0.0024	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW01D-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:11:00	320-26105	1	1			18O2 PFHXS	18O2 PFHX	127	127	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW01-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	18:05:00	320-26105	1	1			1,4-Dioxane	123-91-1	4.0	4.0	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.32	0.80	1.6	320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-08MW01-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	18:05:00	320-26105	1	1			Nitrobenzene-D5	4165-60-0	59	59	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-08MW01-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:19:00	320-26105	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.49	0.49	UG_L	E	E	PR	TRG					00000000	GW			5.0	0.00074	0.002	0.0025	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW01-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:19:00	320-26105	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.27	0.27	UG_L			PR	TRG					00000000	GW			5.0	0.0013	0.003	0.0039	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW01-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:19:00	320-26105	1	1			13C4 PFOA	13C4 PFOA	82	82	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW01-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:19:00	320-26105	1	1			13C4 PFOS	13C4 PFOS	100	100	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW01-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:19:00	320-26105	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.014	0.014	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00091	0.002	0.0025	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW01-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:19:00	320-26105	1	1			18O2 PFHXS	18O2 PFHX	99	99	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW01-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:17:00	320-26105	5	2			Perfluorooctanoic acid (PFOA)	335-67-1	0.52	0.52	UG_L	DM	DM	PR	TRG					00000000	GW			5.0	0.0037	0.0099	0.012	320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-08MW01-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:17:00	320-26105	5	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.27	0.27	UG_L	DM	DM	PR	TRG					00000000	GW			5.0	0.0063	0.015	0.02	320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-08MW01-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:17:00	320-26105	5	2			13C4 PFOA	13C4 PFOA	105	105	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-08MW01-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:17:00	320-26105	5	2			13C4 PFOS	13C4 PFOS	98	98	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-08MW01-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:17:00	320-26105	5	2			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.016	0.016	UG_L	DM	DM	PR	TRG					00000000	GW			5.0	0.0045	0.0099	0.012	320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-08MW01-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:17:00	320-26105	5	2			18O2 PFHXS	18O2 PFHX	104	104	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	18:28:00	320-26105	1	1			1,4-Dioxane	123-91-1	0.48	0.48	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.19	0.48	0.95	320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	18:28:00	320-26105	1	1			Nitrobenzene-D5	4165-60-0	73	73	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-MS	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	MS	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	18:50:00	320-26105	1	1			1,4-Dioxane	123-91-1	27	27	PCT_REC	M	M	PR	TRG		MSA	52	12	00000000				5.0	0.19	0.48	0.95	320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-MS	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	MS	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	18:50:00	320-26105	1	1			Nitrobenzene-D5	4165-60-0	75	75	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-SD	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	MSD	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	19:13:00	320-26105	1	1			1,4-Dioxane	123-91-1	28	28	PCT_REC	M	M	PR	TRG		MSP	52	12	00000000				5.0	0.19	0.47	0.95	320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-SD	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	MSD	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	19:13:00	320-26105	1	1			Nitrobenzene-D5	4165-60-0	74	74	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:26:00	320-26105	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.48	0.48	UG_L	EJ	EJ	PR	TRG					00000000	GW			5.0	0.00069	0.0019	0.0023	320-26105	320-153421	

N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:26:00	320-26105	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.043	0.043	UG_L			PR	TRG					00000000	GW			5.0	0.0012	0.0028	0.0037	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:26:00	320-26105	1	1			13C4 PFOA	13C4 PFOA	46	46	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:26:00	320-26105	1	1			13C4 PFOS	13C4 PFOS	129	129	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:26:00	320-26105	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0028	0.0028	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00085	0.0019	0.0023	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:26:00	320-26105	1	1			18O2 PFHXS	18O2 PFHX	132	132	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:34:00	320-26105	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	65	65	PCT_REC	E4	E4	PR	TRG		MSA	140	60	00000000				5.0	0.68	1.8	2.3	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:34:00	320-26105	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	110	110	PCT_REC			PR	TRG		MSA	140	60	00000000				5.0	1.2	2.7	3.7	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:34:00	320-26105	1	1			13C4 PFOA	13C4 PFOA	57	57	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:34:00	320-26105	1	1			13C4 PFOS	13C4 PFOS	113	113	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:34:00	320-26105	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	125	125	PCT_REC			PR	TRG		MSA	150	50	00000000				5.0	0.84	1.8	2.3	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:34:00	320-26105	1	1			18O2 PFHXS	18O2 PFHX	115	115	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:41:00	320-26105	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	7	7	PCT_REC	E4	E4	PR	TRG		MSP	140	60	00000000				5.0	0.69	1.8	2.3	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:41:00	320-26105	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	98	98	PCT_REC			PR	TRG		MSP	140	60	00000000				5.0	1.2	2.8	3.7	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:41:00	320-26105	1	1			13C4 PFOA	13C4 PFOA	54	54	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:41:00	320-26105	1	1			13C4 PFOS	13C4 PFOS	122	122	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:41:00	320-26105	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	118	118	PCT_REC			PR	TRG		MSP	150	50	00000000				5.0	0.85	1.8	2.3	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:41:00	320-26105	1	1			18O2 PFHXS	18O2 PFHX	122	122	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:24:00	320-26105	5	2			Perfluorooctanoic acid (PFOA)	335-67-1	0.5	0.5	UG_L	DMJ	DMJ	PR	TRG					00000000	GW			5.0	0.0035	0.0093	0.012	320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:24:00	320-26105	5	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.024	0.024	UG_L	DMJ	DMJ	PR	TRG					00000000	GW			5.0	0.0059	0.014	0.019	320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:24:00	320-26105	5	2			13C4 PFOA	13C4 PFOA	48	48	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:24:00	320-26105	5	2			13C4 PFOS	13C4 PFOS	120	120	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:24:00	320-26105	5	2			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0093	0.0093	UG_L	UM	UM	PR	TRG					00000000	GW			5.0	0.0043	0.0093	0.012	320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:24:00	320-26105	5	2			18O2 PFHXS	18O2 PFHX	141	141	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	MS	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:32:00	320-26105	5	2			Perfluorooctanoic acid (PFOA)	335-67-1	84	84	PCT_REC	DM4	DM4	PR	TRG		MSA	140	60	00000000				5.0	3.4	9.1	11	320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	MS	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:32:00	320-26105	5	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1	162	162	PCT_REC	DMJ	DMJ	PR	TRG		MSA	140	60	00000000				5.0	5.8	14	18	320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	MS	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:32:00	320-26105	5	2			13C4 PFOA	13C4 PFOA	71	71	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	MS	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:32:00	320-26105	5	2			13C4 PFOS	13C4 PFOS	119	119	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	MS	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:32:00	320-26105	5	2			Perfluorobutanesulfonic acid (PFBS)	375-73-5	132	132	PCT_REC	D	D	PR	TRG		MSA	150	50	00000000				5.0	4.2	9.1	11	320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	MS	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:32:00	320-26105	5	2			18O2 PFHXS	18O2 PFHX	134	134	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	MSD	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:39:00	320-26105	5	2			Perfluorooctanoic acid (PFOA)	335-67-1	12	12	PCT_REC	DM4	DM4	PR	TRG		MSP	140	60	00000000				5.0	3.5	9.2	12	320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	MSD	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:39:00	320-26105	5	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1	154	154	PCT_REC	DMJ	DMJ	PR	TRG		MSP	140	60	00000000				5.0	5.9	14	18	320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	MSD	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:39:00	320-26105	5	2			13C4 PFOA	13C4 PFOA	68	68	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	MSD	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:39:00	320-26105	5	2			13C4 PFOS	13C4 PFOS	128	128	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	MSD	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:39:00	320-26105	5	2			Perfluorobutanesulfonic acid (PFBS)	375-73-5	125	125	PCT_REC	D	D	PR	TRG		MSP	150	50	00000000				5.0	4.2	9.2	12	320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A14-0217-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	MSD	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170308	20:39:00	320-26105	5	2			18O2 PFHXS	18O2 PFHX	147	147	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-154016	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:20:00	320-26105	1	1	17.5		Perfluorooctanoic acid (PFOA)	335-67-1	0.37	0.37	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.12	0.37	0.61	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:20:00	320-26105	1	1	17.5		Perfluorooctane Sulfonate (PFOS)	1763-23-1	2.1	2.1	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.15	0.37	0.61	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:20:00	320-26105	1	1	17.5		13C4 PFOA	13C4 PFOA	100	100	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:20:00	320-26105	1	1	17.5		13C4 PFOS	13C4 PFOS	58	58	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:20:00	320-26105	1	1	17.5		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.37	0.37	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.13	0.37	0.49	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:20:00	320-26105	1	1	17.5		18O2 PFHXS	18O2 PFHX	93	93	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:27:00	320-26105	1	1	10.1		Perfluorooctanoic acid (PFOA)	335-67-1	0.25	0.25	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.11	0.33	0.55	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:27:00	320-26105	1	1	10.1		Perfluorooctane Sulfonate (PFOS)	1763-23-1	19	19	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.14	0.33	0.55	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:27:00	320-26105	1	1	10.1		13C4 PFOA	13C4 PFOA	109	109	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:27:00	320-26105	1	1	10.1		13C4 PFOS	13C4 PFOS	83	83	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:27:00	320-26105	1	1	10.1		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.33	0.33	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.11	0.33	0.44	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:27:00	320-26105	1	1	10.1		18O2 PFHXS	18O2 PFHX	93	93	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:35:00	320-26105	1	1	12.8		Perfluorooctanoic acid (PFOA)	335-67-1	6.3	6.3	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.12	0.35	0.58	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:35:00	320-26105	1	1	12.8		Perfluorooctane Sulfonate (PFOS)	1763-23-1	21	21	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.15	0.35	0.58	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:35:00	320-26105	1	1	12.8		13C4 PFOA	13C4 PFOA	95	95	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:35:00	320-26105	1	1	12.8		13C4 PFOS	13C4 PFOS	61	61	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:35:00	320-26105	1	1	12.8		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.35	0.35	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.12	0.35	0.46	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB02-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:35:00	320-26105	1	1	12.8		18O2 PFHXS	18O2 PFHX	92	92	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:42:00	320-26105	1	1	13.7		Perfluorooctanoic acid (PFOA)	335-67-1	0.15	0.15	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.12	0.35	0.58	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:42:00	320-26105	1	1	13.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.35	0.35	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.15	0.35	0.58	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:42:00	320-26105	1	1	13.7		13C4 PFOA	13C4 PFOA	104	104	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:42:00	320-26105	1	1	13.7		13C4 PFOS	13C4 PFOS	56	56	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:42:00	320-26105	1	1	13.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.35	0.35	UG_KG	U	U	PR	TRG					00000000	SO			5.0	0.12	0.35	0.46	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD002-SB02-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:42:00	320-26105	1	1	13.7		18O2 PFHXS	18O2 PFHX	95	95	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD192-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:50:00	320-26105	1	1	16.7		Perfluorooctanoic acid (PFOA)	335-67-1	5.1	5.1	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.12	0.36	0.60	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD192-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:50:00	320-26105	1	1	16.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1	15	15	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.15	0.36	0.60	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD192-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:50:00	320-26105	1	1	16.7		13C4 PFOA	13C4 PFOA	107	107	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD192-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:50:00	320-26105	1	1	16.7		13C4 PFOS	13C4 PFOS	72	72	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD192-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:50:00	320-26105	1	1	16.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.36	0.36	UG_KG	UM	UM	PR	TRG					00000000	SO			5.0	0.12	0.36	0.48	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD192-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:50:00	320-26105	1	1	16.7		18O2 PFHXS	18O2 PFHX	100	100	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD192-SB03-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:57:00	320-26105	1	1	20.7		Perfluorooctanoic acid (PFOA)	335-67-1	0.28	0.28	UG_KG	J	J	PR	TRG					00000000	SO			5.0	0.13	0.38	0.64	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD192-SB03-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:57:00	320-26105	1	1	20.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.40	0.40	UG_KG	JM	JM	PR	TRG					00000000	SO			5.0	0.16	0.38	0.64	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD192-SB03-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:57:00	320-26105	1	1	20.7		13C4 PFOA	13C4 PFOA	119	119	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD192-SB03-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:57:00	320-26105	1	1	20.7		13C4 PFOS	13C4 PFOS	78	78	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD192-SB03-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:57:00	320-26105	1	1	20.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.38	0.38	UG_KG	U	U	PR	TRG					00000000	SO			5.0	0.13	0.38	0.51	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-BLD192-SB03-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	17:57:00	320-26105	1	1	20.7		18O2 PFHXS	18O2 PFHX	108	108	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	18:05:00	320-26105	1	1	13.9		Perfluorooctanoic acid (PFOA)	335-67-1	38	38	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.12	0.35	0.58	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	18:05:00	320-26105	1	1	13.9		Perfluorooctane Sulfonate (PFOS)	1763-23-1	65	65	UG_KG	EM	EM	PR	TRG					00000000	SO			5.0	0.15	0.35	0.58	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	18:05:00	320-26105	1	1	13.9		13C4 PFOA	13C4 PFOA	85	85	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	18:05:00	320-26105	1	1	13.9		13C4 PFOS	13C4 PFOS	56	56	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	18:05:00	320-26105	1	1	13.9		Perfluorobutanesulfonic acid (PFBS)	375-73-5	3.0	3.0	UG_KG			PR	TRG					00000000	SO			5.0	0.12	0.35	0.46	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	18:05:00	320-26105	1	1	13.9		18O2 PFHXS	18O2 PFHX	59	59	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170313	17:01:00	320-26105	10	2	13.9		Perfluorooctanoic acid (PFOA)	335-67-1	42	42	UG_KG	DM	DM	PR	TRG					00000000	SO			5.0	1.2	3.5	5.8	320-26105	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170313	17:01:00	320-26105	10	2	13.9		Perfluorooctane Sulfonate (PFOS)	1763-23-1	64	64	UG_KG	DM	DM	PR	TRG					00000000	SO			5.0	1.5	3.5	5.8	320-26105	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170313	17:01:00	320-26105	10	2	13.9		13C4 PFOA	13C4 PFOA	94	94	PCT_REC	M	M	PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170313	17:01:00	320-26105	10	2	13.9		13C4 PFOS	13C4 PFOS	52	52	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170313	17:01:00	320-26105	10	2	13.9		Perfluorobutanesulfonic acid (PFBS)	375-73-5	1.8	1.8	UG_KG	JD	JD	PR	TRG					00000000	SO			5.0	1.2	3.5	4.6	320-26105	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	DL1	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170313	17:01:00	320-26105	10	2	13.9		18O2 PFHXS	18O2 PFHX	81	81	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	18:20:00	320-26105	1	1	13.6		Perfluorooctanoic acid (PFOA)	335-67-1	8.3	8.3	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.12	0.35	0.59	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	18:20:00	320-26105	1	1	13.6		Perfluorooctane Sulfonate (PFOS)	1763-23-1	8.3	8.3	UG_KG	M	M	PR	TRG					00000000	SO			5.0	0.15	0.35	0.59	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	18:20:00	320-26105	1	1	13.6		13C4 PFOA	13C4 PFOA	108	108	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	18:20:00	320-26105	1	1	13.6		13C4 PFOS	13C4 PFOS	53	53	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	18:20:00	320-26105	1	1	13.6		Perfluorobutanesulfonic acid (PFBS)	375-73-5	1.6	1.6	UG_KG			PR	TRG					00000000	SO			5.0	0.12	0.35	0.47	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-SWON-SB03-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	02/24/201	02/25/2017		20170302	17:04:00	20170311	18:20:00	320-26105	1	1	13.6		18O2 PFHXS	18O2 PFHX	82	82	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-08MW03-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	19:35:00	320-26105	1	1			1,4-Dioxane	123-91-1	14	14	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.19	0.48	0.97	320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-08MW03-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	19:35:00	320-26105	1	1			Nitrobenzene-D5	4165-60-0	69	69	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-08MW03-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:49:00	320-26105	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0039	0.0039	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00067	0.0018	0.0022	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW03-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:49:00	320-26105	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0027	0.0027	UG_L	UM	UM	PR	TRG					00000000	GW			5.0	0.0011	0.0027	0.0036	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW03-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:49:00	320-26105	1	1			13C4 PFOA	13C4 PFOA	68	68	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW03-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:49:00	320-26105	1	1			13C4 PFOS	13C4 PFOS	131	131	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW03-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:49:00	320-26105	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0055	0.0055	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00082	0.0018	0.0022	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW03-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:49:00	320-26105	1	1			18O2 PFHXS	18O2 PFHX	141	141	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW06-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	19:58:00	320-26105	1	1			1,4-Dioxane	123-91-1	1.4	1.4	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.19	0.48	0.96	320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-08MW06-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	19:58:00	320-26105	1	1			Nitrobenzene-D5	4165-60-0	74	74	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-08MW06-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:56:00	320-26105	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.13	0.13	UG_L			PR	TRG					00000000	GW			5.0	0.00069	0.0018	0.0023	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW06-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:56:00	320-26105	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.055	0.055	UG_L			PR	TRG					00000000	GW			5.0	0.0012	0.0028	0.0037	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW06-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:56:00	320-26105	1	1			13C4 PFOA	13C4 PFOA	59	59	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW06-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:56:00	320-26105	1	1			13C4 PFOS	13C4 PFOS	120	120	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW06-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:56:00	320-26105	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.022	0.022	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00085	0.0018	0.0023	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-08MW06-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	02:56:00	320-26105	1	1			18O2 PFHXS	18O2 PFHX	128	128	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-FD02-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	20:21:00	320-26105	1	1			1,4-Dioxane	123-91-1	1.4	1.4	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.19	0.48	0.96	320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-FD02-0217	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	02/24/201	02/25/2017		20170302	13:45:00	20170314	20:21:00	320-26105	1	1			Nitrobenzene-D5	4165-60-0	62	62	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26105	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-FD02-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:11:00	320-26105	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.13	0.13	UG_L			PR	TRG					00000000	GW			5.0	0.00063	0.0017	0.0021	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-FD02-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:11:00	320-26105	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.054	0.054	UG_L			PR	TRG					00000000	GW			5.0	0.0011	0.0025	0.0033	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-FD02-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:11:00	320-26105	1	1			13C4 PFOA	13C4 PFOA	65	65	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-FD02-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:11:00	320-26105	1	1			13C4 PFOS	13C4 PFOS	124	124	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-FD02-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:11:00	320-26105	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.02	0.02	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00077	0.0017	0.0021	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-FD02-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:11:00	320-26105	1	1			18O2 PFHXS	18O2 PFHX	132	132	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A01-0217A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:19:00	320-26105	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.12	0.12	UG_L			PR	TRG					00000000	GW			5.0	0.00071	0.0019	0.0024	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A01-0217A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:19:00	320-26105	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.003	0.003	UG_L	JM	JM	PR	TRG					00000000	GW			5.0	0.0012	0.0028	0.0038	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A01-0217A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:19:00	320-26105	1	1			13C4 PFOA	13C4 PFOA	79	79	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A01-0217A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:19:00	320-26105	1	1			13C4 PFOS	13C4 PFOS	115	115	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A01-0217A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:19:00	320-26105	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0069	0.0069	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00087	0.0019	0.0024	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-MRD-1A01-0217A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:19:00	320-26105	1	1			18O2 PFHXS	18O2 PFHX	107	107	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-FD03-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:26:00	320-26105	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.12	0.12	UG_L			PR	TRG					00000000	GW			5.0	0.00072	0.0019	0.0024	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-FD03-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:26:00	320-26105	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.003	0.003	UG_L	JM	JM	PR	TRG					00000000	GW			5.0	0.0012	0.0029	0.0038	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-FD03-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:26:00	320-26105	1	1			13C4 PFOA	13C4 PFOA	83	83	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-FD03-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:26:00	320-26105	1	1			13C4 PFOS	13C4 PFOS	133	133	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-FD03-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:26:00	320-26105	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0052	0.0052	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00088	0.0019	0.0024	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MEAFF-FD03-0217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	02/24/201	02/25/2017		20170302	14:24:00	20170306	03:26:00	320-26105	1	1			18O2 PFHXS	18O2 PFHX	124	124	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	LCS 320-152910/2-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BS	W	4	03/02/201	03/02/2017		20170302	13:45:00	20170314	15:27:00	LCS 320-1	1	1			1,4-Dioxane	123-91-1	32	32	PCT_REC	M	M	PR	TRG		LSA	52	12	00000000				5.0	0.20	0.50	1.0	320-26105	320-154875	
N6247016	JM01		MERIDIAN	LCS 320-152910/2-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BS	W	4	03/02/201	03/02/2017		20170302	13:45:00	20170314	15:27:00	LCS 320-1	1	1			Nitrobenzene-D5	4165-60-0	73	73	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-26105	320-154875	
N6247016	JM01		MERIDIAN	LCS 320-152929/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/02/201	03/02/2017		20170302	14:24:00	20170306	01:56:00	LCS 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	109	109	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.75	2.0	2.5	320-26105	320-153421	
N6247016	JM01		MERIDIAN	LCS 320-152929/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/02/201	03/02/2017		20170302	14:24:00	20170306	01:56:00	LCS 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	104	104	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	1.3	3.0	4.0	320-26105	320-153421	
N6247016	JM01		MERIDIAN	LCS 320-152929/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/02/201	03/02/2017		20170302	14:24:00	20170306	01:56:00	LCS 320-1	1	1			13C4 PFOA	13C4 PFOA	140	140	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-153421	

N6247016	JM01		MERIDIAN	LCS 320-152929/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/02/201	03/02/2017		20170302	14:24:00	20170306	01:56:00	LCS 320-15	1	1			13C4 PFOS	13C4 PFOS	125	125	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	LCS 320-152929/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/02/201	03/02/2017		20170302	14:24:00	20170306	01:56:00	LCS 320-15	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	126	126	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.92	2.0	2.5	320-26105	320-153421	
N6247016	JM01		MERIDIAN	LCS 320-152929/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/02/201	03/02/2017		20170302	14:24:00	20170306	01:56:00	LCS 320-15	1	1			18O2 PFHXS	18O2 PFHX	128	128	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	LCS 320-152961/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:50:00	LCS 320-15	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	106	106	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.10	0.30	0.50	320-26105	320-154503	
N6247016	JM01		MERIDIAN	LCS 320-152961/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:50:00	LCS 320-15	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	105	105	PCT_REC	M	M	PR	TRG		LSA	140	60	00000000				5.0	0.13	0.30	0.50	320-26105	320-154503	
N6247016	JM01		MERIDIAN	LCS 320-152961/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:50:00	LCS 320-15	1	1			13C4 PFOA	13C4 PFOA	113	113	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	LCS 320-152961/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:50:00	LCS 320-15	1	1			13C4 PFOS	13C4 PFOS	100	100	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	LCS 320-152961/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:50:00	LCS 320-15	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	114	114	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.10	0.30	0.40	320-26105	320-154503	
N6247016	JM01		MERIDIAN	LCS 320-152961/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:50:00	LCS 320-15	1	1			18O2 PFHXS	18O2 PFHX	108	108	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	LCSD 320-152910/3-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BSD	W	4	03/02/201	03/02/2017		20170302	13:45:00	20170314	15:49:00	LCSD 320-	1	1			1,4-Dioxane	123-91-1	30	30	PCT_REC	M	M	PR	TRG		LSP	52	12	00000000				5.0	0.20	0.50	1.0	320-26105	320-154875	
N6247016	JM01		MERIDIAN	LCSD 320-152910/3-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BSD	W	4	03/02/201	03/02/2017		20170302	13:45:00	20170314	15:49:00	LCSD 320-	1	1			Nitrobenzene-D5	4165-60-0	74	74	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-26105	320-154875	
N6247016	JM01		MERIDIAN	MB 320-152910/1-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	LB1	W	4	03/02/201	03/02/2017		20170302	13:45:00	20170314	15:04:00	MB 320-15	1	1			1,4-Dioxane	123-91-1	0.50	0.50	UG_L	U	U	PR	TRG					00000000				5.0	0.20	0.50	1.0	320-26105	320-154875	
N6247016	JM01		MERIDIAN	MB 320-152910/1-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	LB1	W	4	03/02/201	03/02/2017		20170302	13:45:00	20170314	15:04:00	MB 320-15	1	1			Nitrobenzene-D5	4165-60-0	69	69	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-26105	320-154875	
N6247016	JM01		MERIDIAN	MB 320-152929/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/02/201	03/02/2017		20170302	14:24:00	20170306	01:49:00	MB 320-15	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.002	0.002	UG_L	UM	UM	PR	TRG					00000000				5.0	0.00075	0.002	0.0025	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MB 320-152929/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/02/201	03/02/2017		20170302	14:24:00	20170306	01:49:00	MB 320-15	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.003	0.003	UG_L	U	U	PR	TRG					00000000				5.0	0.0013	0.003	0.004	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MB 320-152929/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/02/201	03/02/2017		20170302	14:24:00	20170306	01:49:00	MB 320-15	1	1			13C4 PFOA	13C4 PFOA	158	158	PCT_REC	Q	Q	PR	SURR		SMSA	150	25	00000000				5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MB 320-152929/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/02/201	03/02/2017		20170302	14:24:00	20170306	01:49:00	MB 320-15	1	1			13C4 PFOS	13C4 PFOS	128	128	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MB 320-152929/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/02/201	03/02/2017		20170302	14:24:00	20170306	01:49:00	MB 320-15	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.002	0.002	UG_L	U	U	PR	TRG					00000000				5.0	0.00092	0.002	0.0025	320-26105	320-153421	
N6247016	JM01		MERIDIAN	MB 320-152929/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/02/201	03/02/2017		20170302	14:24:00	20170306	01:49:00	MB 320-15	1	1			18O2 PFHXS	18O2 PFHX	134	134	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26105	320-153421	
N6247016	JM01		MERIDIAN	MB 320-152961/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:42:00	MB 320-15	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.30	0.30	UG_KG	UM	UM	PR	TRG					00000000				5.0	0.10	0.30	0.50	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MB 320-152961/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:42:00	MB 320-15	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.30	0.30	UG_KG	U	U	PR	TRG					00000000				5.0	0.13	0.30	0.50	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MB 320-152961/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:42:00	MB 320-15	1	1			13C4 PFOA	13C4 PFOA	122	122	PCT_REC	M	M	PR	SURR		SMSA	150	25	00000000				5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MB 320-152961/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:42:00	MB 320-15	1	1			13C4 PFOS	13C4 PFOS	99	99	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MB 320-152961/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:42:00	MB 320-15	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.30	0.30	UG_KG	U	U	PR	TRG					00000000				5.0	0.10	0.30	0.40	320-26105	320-154503	
N6247016	JM01		MERIDIAN	MB 320-152961/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	03/02/201	03/02/2017		20170302	17:04:00	20170311	15:42:00	MB 320-15	1	1			18O2 PFHXS	18O2 PFHX	113	113	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26105	320-154503	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	22:52:00	320-26263	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.26	0.26	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00072	0.0019	0.0024	320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	22:52:00	320-26263	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.37	0.37	UG_L	ME	ME	PR	TRG					00000000	GW			5.0	0.0012	0.0029	0.0038	320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	22:52:00	320-26263	1	1			13C4 PFOA	13C4 PFOA	85	85	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	22:52:00	320-26263	1	1			13C4 PFOS	13C4 PFOS	107	107	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	22:52:00	320-26263	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.025	0.025	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00088	0.0019	0.0024	320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	22:52:00	320-26263	1	1			18O2 PFHXS	18O2 PFHX	110	110	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170313	17:16:00	320-26263	5	2			Perfluorooctanoic acid (PFOA)	335-67-1	0.27	0.27	UG_L	DM	DM	PR	TRG					00000000	GW			5.0	0.0036	0.0096	0.012	320-26263	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170313	17:16:00	320-26263	5	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.38	0.38	UG_L	DM	DM	PR	TRG					00000000	GW			5.0	0.0061	0.014	0.019	320-26263	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170313	17:16:00	320-26263	5	2			13C4 PFOA	13C4 PFOA	81	81	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170313	17:16:00	320-26263	5	2			13C4 PFOS	13C4 PFOS	98	98	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170313	17:16:00	320-26263	5	2			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.018	0.018	UG_L	DM	DM	PR	TRG					00000000	GW			5.0	0.0044	0.0096	0.012	320-26263	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-WWTP-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170313	17:16:00	320-26263	5	2			18O2 PFHXS	18O2 PFHX	116	116	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:00:00	320-26263	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	2.5	2.5	UG_L	ME	ME	PR	TRG					00000000	GW			5.0	0.00069	0.0018	0.0023	320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:00:00	320-26263	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	1.3	1.3	UG_L	ME	ME	PR	TRG					00000000	GW			5.0	0.0012	0.0028	0.0037	320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:00:00	320-26263	1	1			13C4 PFOA	13C4 PFOA	48	48	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:00:00	320-26263	1	1			13C4 PFOS	13C4 PFOS	99	99	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:00:00	320-26263	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.65	0.65	UG_L	ME	ME	PR	TRG					00000000	GW			5.0	0.00084	0.0018	0.0023	320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:00:00	320-26263	1	1			18O2 PFHXS	18O2 PFHX	46	46	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170313	17:23:00	320-26263	10	2			Perfluorooctanoic acid (PFOA)	335-67-1	4.4	4.4	UG_L	DME	DME	PR	TRG					00000000	GW			5.0	0.0069	0.018	0.023	320-26263	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170313	17:23:00	320-26263	10	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1	1.6	1.6	UG_L	DM	DM	PR	TRG					00000000	GW			5.0	0.012	0.028	0.037	320-26263	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170313	17:23:00	320-26263	10	2			13C4 PFOA	13C4 PFOA	83	83	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170313	17:23:00	320-26263	10	2			13C4 PFOS	13C4 PFOS	112	112	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170313	17:23:00	320-26263	10	2			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.83	0.83	UG_L	D	D	PR	TRG					00000000	GW			5.0	0.0084	0.018	0.023	320-26263	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170313	17:23:00	320-26263	10	2			18O2 PFHXS	18O2 PFHX	97	97	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL2	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170314	15:13:00	320-26263	25	3			Perfluorooctanoic acid (PFOA)	335-67-1	4.5	4.5	UG_L	DM	DM	PR	TRG					00000000	GW			5.0	0.017	0.046	0.057	320-26263	320-155009	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL2	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170314	15:13:00	320-26263	25	3			Perfluorooctane Sulfonate (PFOS)	1763-23-1	1.5	1.5	UG_L	DM	DM	PR	TRG					00000000	GW			5.0	0.029	0.069	0.092	320-26263	320-155009	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL2	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170314	15:13:00	320-26263	25	3			13C4 PFOA	13C4 PFOA	108	108	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-155009	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL2	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170314	15:13:00	320-26263	25	3			13C4 PFOS	13C4 PFOS	112	112	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-155009	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL2	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170314	15:13:00	320-26263	25	3			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.73	0.73	UG_L	D	D	PR	TRG					00000000	GW			5.0	0.021	0.046	0.057	320-26263	320-155009	
N6247016	JM01		MERIDIAN	MEAFF-PWMA-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL2	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170314	15:13:00	320-26263	25	3			18O2 PFHXS	18O2 PFHX	108	108	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-155009	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:07:00	320-26263	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.009	0.009	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00069	0.0019	0.0023	320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:07:00	320-26263	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.002	0.002	UG_L	JM	JM	PR	TRG					00000000	GW			5.0	0.0012	0.0028	0.0037	320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:07:00	320-26263	1	1			13C4 PFOA	13C4 PFOA	87	87	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:07:00	320-26263	1	1			13C4 PFOS	13C4 PFOS	118	118	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:07:00	320-26263	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0037	0.0037	UG_L			PR	TRG					00000000	GW			5.0	0.00085	0.0019	0.0023	320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-UNKNOWN22-MW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:07:00	320-26263	1	1			18O2 PFHXS	18O2 PFHX	125	125	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-FD04-030117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:15:00	320-26263	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0081	0.0081	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00069	0.0018	0.0023	320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-FD04-030117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:15:00	320-26263	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0012	0.0012	UG_L	JM	JM	PR	TRG					00000000	GW			5.0	0.0012	0.0028	0.0037	320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-FD04-030117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:15:00	320-26263	1	1			13C4 PFOA	13C4 PFOA	83	83	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-FD04-030117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:15:00	320-26263	1	1			13C4 PFOS	13C4 PFOS	134	134	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-FD04-030117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:15:00	320-26263	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0036	0.0036	UG_L			PR	TRG					00000000	GW			5.0	0.00085	0.0018	0.0023	320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-FD04-030117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/01/201	03/02/2017		20170306	16:19:00	20170310	23:15:00	320-26263	1	1			18O2 PFHXS	18O2 PFHX	137	137	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	LCS 320-153501/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:37:00	LCS 320-15	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	100	100	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.75	2.0	2.5	320-26263	320-154459	
N6247016	JM01		MERIDIAN	LCS 320-153501/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:37:00	LCS 320-15	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	102	102	PCT_REC	M	M	PR	TRG		LSA	140	60	00000000				5.0	1.3	3.0	4.0	320-26263	320-154459	
N6247016	JM01		MERIDIAN	LCS 320-153501/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:37:00	LCS 320-15	1	1			13C4 PFOA	13C4 PFOA	148	148	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	LCS 320-153501/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:37:00	LCS 320-15	1	1			13C4 PFOS	13C4 PFOS	132	132	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	LCS 320-153501/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:37:00	LCS 320-15	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	113	113	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.92	2.0	2.5	320-26263	320-154459	
N6247016	JM01		MERIDIAN	LCS 320-153501/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:37:00	LCS 320-15	1	1			18O2 PFHXS	18O2 PFHX	137	137	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	LCSD 320-153501/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:45:00	LCSD 320-	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	99	99	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	0.75	2.0	2.5	320-26263	320-154459	
N6247016	JM01		MERIDIAN	LCSD 320-153501/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:45:00	LCSD 320-	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	106	106	PCT_REC	M	M	PR	TRG		LSP	140	60	00000000				5.0	1.3	3.0	4.0	320-26263	320-154459	
N6247016	JM01		MERIDIAN	LCSD 320-153501/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:45:00	LCSD 320-	1	1			13C4 PFOA	13C4 PFOA	140	140	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	LCSD 320-153501/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:45:00	LCSD 320-	1	1			13C4 PFOS	13C4 PFOS	123	123	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	LCSD 320-153501/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:45:00	LCSD 320-	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	118	118	PCT_REC			PR	TRG		LSP	150	50	00000000				5.0	0.92	2.0	2.5	320-26263	320-154459	
N6247016	JM01		MERIDIAN	LCSD 320-153501/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:45:00	LCSD 320-	1	1			18O2 PFHXS	18O2 PFHX	128	128	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	MB 320-153501/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:30:00	MB 320-15	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.002	0.002	UG_L	UM	UM	PR	TRG					00000000				5.0	0.00075	0.002	0.0025	320-26263	320-154459	
N6247016	JM01		MERIDIAN	MB 320-153501/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:30:00	MB 320-15	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.003	0.003	UG_L	UM	UM	PR	TRG					00000000				5.0	0.0013	0.003	0.004	320-26263	320-154459	
N6247016	JM01		MERIDIAN	MB 320-153501/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:30:00	MB 320-15	1	1			13C4 PFOA	13C4 PFOA	130	130	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	MB 320-153501/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:30:00	MB 320-15	1	1			13C4 PFOS	13C4 PFOS	116	116	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	MB 320-153501/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:30:00	MB 320-15	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.002	0.002	UG_L	U	U	PR	TRG					00000000				5.0	0.00092	0.002	0.0025	320-26263	320-154459	
N6247016	JM01		MERIDIAN	MB 320-153501/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:30:00	MB 320-15	1	1			18O2 PFHXS	18O2 PFHX	124	124	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26263	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4AMW03-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/02/201	03/03/2017		20170308	08:41:00	20170314	21:50:00	320-26273	1	1			1,4-Dioxane	123-91-1	0.48	0.48	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.19	0.48	0.95	320-26273	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-4AMW03-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/02/201	03/03/2017		20170308	08:41:00	20170314	21:50:00	320-26273	1	1			Nitrobenzene-D5	4165-60-0	66	66	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26273	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-4AMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:22:00	320-26273	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.46	0.46	UG_L	ME	ME	PR	TRG					00000000	GW			5.0	0.00068	0.0018	0.0023	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4AMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:22:00	320-26273	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.093	0.093	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.0012	0.0027	0.0037	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4AMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:22:00	320-26273	1	1			13C4 PFOA	13C4 PFOA	64	64	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4AMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:22:00	320-26273	1	1			13C4 PFOS	13C4 PFOS	108	108	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4AMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:22:00	320-26273	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.075	0.075	UG_L			PR	TRG					00000000	GW			5.0	0.00084	0.0018	0.0023	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4AMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:22:00	320-26273	1	1			18O2 PFHXS	18O2 PFHX	75	75	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4AMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170313	17:38:00	320-26273	5	2			Perfluorooctanoic acid (PFOA)	335-67-1	0.5	0.5	UG_L	DM	DM	PR	TRG					00000000	GW			5.0	0.0034	0.0092	0.011	320-26273	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-4AMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170313	17:38:00	320-26273	5	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.09	0.09	UG_L	DM	DM	PR	TRG					00000000	GW			5.0	0.0058	0.014	0.018	320-26273	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-4AMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170313	17:38:00	320-26273	5	2			13C4 PFOA	13C4 PFOA	78	78	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-4AMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170313	17:38:00	320-26273	5	2			13C4 PFOS	13C4 PFOS	111	111	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-4AMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170313	17:38:00	320-26273	5	2			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.064	0.064	UG_L	DM	DM	PR	TRG					00000000	GW			5.0	0.0042	0.0092	0.011	320-26273	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-4AMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170313	17:38:00	320-26273	5	2			18O2 PFHXS	18O2 PFHX	112	112	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0630-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/02/201	03/03/2017		20170308	08:41:00	20170314	22:13:00	320-26273	1	1			1,4-Dioxane	123-91-1	0.76	0.76	UG_L	JM	JM	PR	TRG					00000000	GW			5.0	0.19	0.48	0.97	320-26273	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0630-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/02/201	03/03/2017		20170308	08:41:00	20170314	22:13:00	320-26273	1	1			Nitrobenzene-D5	4165-60-0	72	72	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26273	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0630-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:30:00	320-26273	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.063	0.063	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00073	0.0019	0.0024	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0630-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:30:00	320-26273	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.1	0.1	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.0012	0.0029	0.0039	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0630-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:30:00	320-26273	1	1			13C4 PFOA	13C4 PFOA	94	94	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0630-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:30:00	320-26273	1	1			13C4 PFOS	13C4 PFOS	115	115	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0630-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:30:00	320-26273	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.23	0.23	UG_L			PR	TRG					00000000	GW			5.0	0.00089	0.0019	0.0024	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-MRD-0630-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:30:00	320-26273	1	1			18O2 PFHXS	18O2 PFHX	101	101	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4AMW01-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/02/201	03/03/2017		20170308	08:41:00	20170314	22:35:00	320-26273	1	1			1,4-Dioxane	123-91-1	0.48	0.48	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.19	0.48	0.96	320-26273	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-4AMW01-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/02/201	03/03/2017		20170308	08:41:00	20170314	22:35:00	320-26273	1	1			Nitrobenzene-D5	4165-60-0	70	70	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26273	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-4AMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170313	17:46:00	320-26273	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.017	0.017	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00069	0.0018	0.0023	320-26273	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-4AMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170313	17:46:00	320-26273	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0068	0.0068	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.0012	0.0028	0.0037	320-26273	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-4AMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170313	17:46:00	320-26273	1	1			13C4 PFOA	13C4 PFOA	26	26	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-4AMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170313	17:46:00	320-26273	1	1			13C4 PFOS	13C4 PFOS	100	100	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-4AMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170313	17:46:00	320-26273	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.03	0.03	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00084	0.0018	0.0023	320-26273	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-4AMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170313	17:46:00	320-26273	1	1			18O2 PFHXS	18O2 PFHX	128	128	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154808	
N6247016	JM01		MERIDIAN	MEAFF-4CMW01-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/02/201	03/03/2017		20170308	08:41:00	20170314	22:57:00	320-26273	1	1			1,4-Dioxane	123-91-1	0.48	0.48	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.19	0.48	0.95	320-26273	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-4CMW01-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/02/201	03/03/2017		20170308	08:41:00	20170314	22:57:00	320-26273	1	1			Nitrobenzene-D5	4165-60-0	64	64	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26273	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-4CMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:52:00	320-26273	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.17	0.17	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00068	0.0018	0.0023	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4CMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:52:00	320-26273	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.044	0.044	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.0012	0.0027	0.0036	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4CMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:52:00	320-26273	1	1			13C4 PFOA	13C4 PFOA	78	78	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4CMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:52:00	320-26273	1	1			13C4 PFOS	13C4 PFOS	129	129	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4CMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:52:00	320-26273	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0035	0.0035	UG_L			PR	TRG					00000000	GW			5.0	0.00083	0.0018	0.0023	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4CMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170310	23:52:00	320-26273	1	1			18O2 PFHXS	18O2 PFHX	126	126	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4CMW03-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/02/201	03/03/2017		20170308	08:41:00	20170314	23:20:00	320-26273	1	1			1,4-Dioxane	123-91-1	0.49	0.49	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.20	0.49	0.98	320-26273	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-4CMW03-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/02/201	03/03/2017		20170308	08:41:00	20170314	23:20:00	320-26273	1	1			Nitrobenzene-D5	4165-60-0	73	73	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26273	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-4CMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170311	00:00:00	320-26273	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.044	0.044	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00069	0.0018	0.0023	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4CMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170311	00:00:00	320-26273	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0082	0.0082	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.0012	0.0028	0.0037	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4CMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170311	00:00:00	320-26273	1	1			13C4 PFOA	13C4 PFOA	75	75	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4CMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170311	00:00:00	320-26273	1	1			13C4 PFOS	13C4 PFOS	118	118	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-4CMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170311	00:00:00	320-26273	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0026	0.0026	UG_L			PR	TRG					00000000	GW			5.0	0.00085	0.0018	0.0023	320-26273	320-154459	

N6247016	JM01		MERIDIAN	MEAFF-4CMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170311	00:00:00	320-26273	1	1			18O2 PFHXS	18O2 PFHX	116	116	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-FD05-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/02/201	03/03/2017		20170308	08:41:00	20170314	23:42:00	320-26273	1	1			1,4-Dioxane	123-91-1	0.48	0.48	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.19	0.48	0.96	320-26273	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-FD05-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/02/201	03/03/2017		20170308	08:41:00	20170314	23:42:00	320-26273	1	1			Nitrobenzene-D5	4165-60-0	63	63	PCT_REC			PR	SURR		SLSA	91	42	00000000	GW			5.0				320-26273	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-FD05-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170311	00:07:00	320-26273	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.16	0.16	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00068	0.0018	0.0023	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-FD05-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170311	00:07:00	320-26273	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.042	0.042	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.0012	0.0027	0.0036	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-FD05-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170311	00:07:00	320-26273	1	1			13C4 PFOA	13C4 PFOA	70	70	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-FD05-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170311	00:07:00	320-26273	1	1			13C4 PFOS	13C4 PFOS	116	116	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-FD05-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170311	00:07:00	320-26273	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0035	0.0035	UG_L			PR	TRG					00000000	GW			5.0	0.00083	0.0018	0.0023	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MEAFF-FD05-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/02/201	03/03/2017		20170306	16:19:00	20170311	00:07:00	320-26273	1	1			18O2 PFHXS	18O2 PFHX	114	114	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	LCS 320-153501/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:37:00	LCS 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	100	100	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.75	2.0	2.5	320-26273	320-154459	
N6247016	JM01		MERIDIAN	LCS 320-153501/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:37:00	LCS 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	102	102	PCT_REC	M	M	PR	TRG		LSA	140	60	00000000				5.0	1.3	3.0	4.0	320-26273	320-154459	
N6247016	JM01		MERIDIAN	LCS 320-153501/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:37:00	LCS 320-1	1	1			13C4 PFOA	13C4 PFOA	148	148	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	LCS 320-153501/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:37:00	LCS 320-1	1	1			13C4 PFOS	13C4 PFOS	132	132	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	LCS 320-153501/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:37:00	LCS 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	113	113	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.92	2.0	2.5	320-26273	320-154459	
N6247016	JM01		MERIDIAN	LCS 320-153501/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:37:00	LCS 320-1	1	1			18O2 PFHXS	18O2 PFHX	137	137	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	LCS 320-153806/2-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BS	W	4	03/08/201	03/08/2017		20170308	08:41:00	20170314	21:06:00	LCS 320-1	1	1			1,4-Dioxane	123-91-1	32	32	PCT_REC	M	M	PR	TRG		LSA	52	12	00000000				5.0	0.20	0.50	1.0	320-26273	320-154875	
N6247016	JM01		MERIDIAN	LCS 320-153806/2-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BS	W	4	03/08/201	03/08/2017		20170308	08:41:00	20170314	21:06:00	LCS 320-1	1	1			Nitrobenzene-D5	4165-60-0	75	75	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-26273	320-154875	
N6247016	JM01		MERIDIAN	LCSD 320-153501/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:45:00	LCSD 320-	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	99	99	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	0.75	2.0	2.5	320-26273	320-154459	
N6247016	JM01		MERIDIAN	LCSD 320-153501/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:45:00	LCSD 320-	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	106	106	PCT_REC	M	M	PR	TRG		LSP	140	60	00000000				5.0	1.3	3.0	4.0	320-26273	320-154459	
N6247016	JM01		MERIDIAN	LCSD 320-153501/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:45:00	LCSD 320-	1	1			13C4 PFOA	13C4 PFOA	140	140	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	LCSD 320-153501/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:45:00	LCSD 320-	1	1			13C4 PFOS	13C4 PFOS	123	123	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	LCSD 320-153501/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:45:00	LCSD 320-	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	118	118	PCT_REC			PR	TRG		LSP	150	50	00000000				5.0	0.92	2.0	2.5	320-26273	320-154459	
N6247016	JM01		MERIDIAN	LCSD 320-153501/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:45:00	LCSD 320-	1	1			18O2 PFHXS	18O2 PFHX	128	128	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	LCSD 320-153806/3-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BSD	W	4	03/08/201	03/08/2017		20170308	08:41:00	20170314	21:28:00	LCSD 320-	1	1			1,4-Dioxane	123-91-1	31	31	PCT_REC	M	M	PR	TRG		LSP	52	12	00000000				5.0	0.20	0.50	1.0	320-26273	320-154875	
N6247016	JM01		MERIDIAN	LCSD 320-153806/3-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BSD	W	4	03/08/201	03/08/2017		20170308	08:41:00	20170314	21:28:00	LCSD 320-	1	1			Nitrobenzene-D5	4165-60-0	71	71	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-26273	320-154875	
N6247016	JM01		MERIDIAN	MB 320-153501/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:30:00	MB 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.002	0.002	UG_L	UM	UM	PR	TRG					00000000				5.0	0.00075	0.002	0.0025	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MB 320-153501/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:30:00	MB 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.003	0.003	UG_L	UM	UM	PR	TRG					00000000				5.0	0.0013	0.003	0.004	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MB 320-153501/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:30:00	MB 320-1	1	1			13C4 PFOA	13C4 PFOA	130	130	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MB 320-153501/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:30:00	MB 320-1	1	1			13C4 PFOS	13C4 PFOS	116	116	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MB 320-153501/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:30:00	MB 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.002	0.002	UG_L	U	U	PR	TRG					00000000				5.0	0.00092	0.002	0.0025	320-26273	320-154459	
N6247016	JM01		MERIDIAN	MB 320-153501/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/06/201	03/06/2017		20170306	16:19:00	20170310	22:30:00	MB 320-1	1	1			18O2 PFHXS	18O2 PFHX	124	124	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26273	320-154459	
N6247016	JM01		MERIDIAN	MB 320-153806/1-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	LB1	W	4	03/08/201	03/08/2017		20170308	08:41:00	20170314	20:43:00	MB 320-1	1	1			1,4-Dioxane	123-91-1	0.50	0.50	UG_L	U	U	PR	TRG					00000000				5.0	0.20	0.50	1.0	320-26273	320-154875	
N6247016	JM01		MERIDIAN	MB 320-153806/1-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	LB1	W	4	03/08/201	03/08/2017		20170308	08:41:00	20170314	20:43:00	MB 320-1	1	1			Nitrobenzene-D5	4165-60-0	69	69	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-26273	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-4DMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:43:00	320-26324	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.22	0.22	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00073	0.002	0.0025	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4DMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:43:00	320-26324	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.21	0.21	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.0013	0.0029	0.0039	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4DMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:43:00	320-26324	1	1			13C4 PFOA	13C4 PFOA	67	67	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4DMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:43:00	320-26324	1	1			13C4 PFOS	13C4 PFOS	90	90	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4DMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:43:00	320-26324	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.011	0.011	UG_L			PR	TRG					00000000	GW			5.0	0.0009	0.002	0.0025	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4DMW01-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:43:00	320-26324	1	1			18O2 PFHXS	18O2 PFHX	91	91	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4DMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:50:00	320-26324	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.36	0.36	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00072	0.0019	0.0024	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4DMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:50:00	320-26324	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	1.1	1.1	UG_L	ME	ME	PR	TRG					00000000	GW			5.0	0.0012	0.0029	0.0038	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4DMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:50:00	320-26324	1	1			13C4 PFOA	13C4 PFOA	69	69	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4DMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:50:00	320-26324	1	1			13C4 PFOS	13C4 PFOS	76	76	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4DMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:50:00	320-26324	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.015	0.015	UG_L	M	M	PR	TRG					00000000	GW			5.0	0.00088	0.0019	0.0024	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4DMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:50:00	320-26324	1	1			18O2 PFHXS	18O2 PFHX	83	83	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4DMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170315	20:16:00	320-26324	10	2			Perfluorooctanoic acid (PFOA)	335-67-1	0.39	0.39	UG_L	DM	DM	PR	TRG					00000000	GW			5.0	0.0072	0.019	0.024	320-26324	320-155237	
N6247016	JM01		MERIDIAN	MEAFF-4DMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170315	20:16:00	320-26324	10	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1	1.1	1.1	UG_L	D	D	PR	TRG					00000000	GW			5.0	0.012	0.029	0.038	320-26324	320-155237	
N6247016	JM01		MERIDIAN	MEAFF-4DMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170315	20:16:00	320-26324	10	2			13C4 PFOA	13C4 PFOA	93	93	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26324	320-155237	
N6247016	JM01		MERIDIAN	MEAFF-4DMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170315	20:16:00	320-26324	10	2			13C4 PFOS	13C4 PFOS	100	100	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26324	320-155237	
N6247016	JM01		MERIDIAN	MEAFF-4DMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170315	20:16:00	320-26324	10	2			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.016	0.016	UG_L	JDM	JDM	PR	TRG					00000000	GW			5.0	0.0088	0.019	0.024	320-26324	320-155237	
N6247016	JM01		MERIDIAN	MEAFF-4DMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170315	20:16:00	320-26324	10	2			18O2 PFHXS	18O2 PFHX	113	113	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26324	320-155237	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:58:00	320-26324	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0019	0.0019	UG_L	UM	UM	PR	TRG					00000000	GW			5.0	0.0007	0.0019	0.0024	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:58:00	320-26324	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0028	0.0028	UG_L	UM	UM	PR	TRG					00000000	GW			5.0	0.0012	0.0028	0.0038	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:58:00	320-26324	1	1			13C4 PFOA	13C4 PFOA	38	38	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:58:00	320-26324	1	1			13C4 PFOS	13C4 PFOS	93	93	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:58:00	320-26324	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0019	0.0019	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.00086	0.0019	0.0024	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	03:58:00	320-26324	1	1			18O2 PFHXS	18O2 PFHX	102	102	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:05:00	320-26324	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	109	109	PCT_REC			PR	TRG		MSA	140	60	00000000				5.0	0.70	1.9	2.3	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:05:00	320-26324	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	116	116	PCT_REC	M	M	PR	TRG		MSA	140	60	00000000				5.0	1.2	2.8	3.7	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:05:00	320-26324	1	1			13C4 PFOA	13C4 PFOA	40	40	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:05:00	320-26324	1	1			13C4 PFOS	13C4 PFOS	91	91	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:05:00	320-26324	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	117	117	PCT_REC			PR	TRG		MSA	150	50	00000000				5.0	0.86	1.9	2.3	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:05:00	320-26324	1	1			18O2 PFHXS	18O2 PFHX	100	100	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:13:00	320-26324	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	109	109	PCT_REC			PR	TRG		MSP	140	60	00000000				5.0	0.70	1.9	2.3	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:13:00	320-26324	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	115	115	PCT_REC	M	M	PR	TRG		MSP	140	60	00000000				5.0	1.2	2.8	3.7	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:13:00	320-26324	1	1			13C4 PFOA	13C4 PFOA	49	49	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:13:00	320-26324	1	1			13C4 PFOS	13C4 PFOS	90	90	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:13:00	320-26324	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	125	125	PCT_REC			PR	TRG		MSP	150	50	00000000				5.0	0.85	1.9	2.3	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW02-0317-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:13:00	320-26324	1	1			18O2 PFHXS	18O2 PFHX	96	96	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:20:00	320-26324	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0019	0.0019	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.0007	0.0019	0.0023	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:20:00	320-26324	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0028	0.0028	UG_L	U	U	PR	TRG					00000000	GW			5.0	0.0012	0.0028	0.0037	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:20:00	320-26324	1	1			13C4 PFOA	13C4 PFOA	37	37	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:20:00	320-26324	1	1			13C4 PFOS	13C4 PFOS	89	89	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:20:00	320-26324	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0043	0.0043	UG_L			PR	TRG					00000000	GW			5.0	0.00086	0.0019	0.0023	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-4BMW03-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:20:00	320-26324	1	1			18O2 PFHXS	18O2 PFHX	97	97	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-EB03-GW-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/03/201	03/04/2017		20170308	08:41:00	20170315	00:04:00	320-26324	1	1			1,4-Dioxane	123-91-1	0.57	0.57	UG_L	U	U	PR	TRG					00000000	AQ (Field Blanks)			5.0	0.23	0.57	1.1	320-26324	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-EB03-GW-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/03/201	03/04/2017		20170308	08:41:00	20170315	00:04:00	320-26324	1	1			Nitrobenzene-D5	4165-60-0	76	76	PCT_REC			PR	SURR		SLSA	91	42	00000000	AQ (Field Blanks)			5.0				320-26324	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-EB03-GW-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:28:00	320-26324	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0019	0.0019	UG_L	U	U	PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00071	0.0019	0.0024	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-EB03-GW-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:28:00	320-26324	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0028	0.0028	UG_L	U	U	PR	TRG					00000000	AQ (Field Blanks)			5.0	0.0012	0.0028	0.0038	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-EB03-GW-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:28:00	320-26324	1	1			13C4 PFOA	13C4 PFOA	106	106	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-EB03-GW-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:28:00	320-26324	1	1			13C4 PFOS	13C4 PFOS	90	90	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-EB03-GW-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:28:00	320-26324	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0019	0.0019	UG_L	U	U	PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00087	0.0019	0.0024	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-EB03-GW-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:28:00	320-26324	1	1			18O2 PFHXS	18O2 PFHX	99	99	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-EB04-GW-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/03/201	03/04/2017		20170308	08:41:00	20170315	00:27:00	320-26324	1	1			1,4-Dioxane	123-91-1	0.54	0.54	UG_L	U	U	PR	TRG					00000000	AQ (Field Blanks)			5.0	0.21	0.54	1.1	320-26324	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-EB04-GW-0317	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	REG	W	4	03/03/201	03/04/2017		20170308	08:41:00	20170315	00:27:00	320-26324	1	1			Nitrobenzene-D5	4165-60-0	74	74	PCT_REC			PR	SURR		SLSA	91	42	00000000	AQ (Field Blanks)			5.0				320-26324	320-154875	
N6247016	JM01		MERIDIAN	MEAFF-EB04-GW-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:35:00	320-26324	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0019	0.0019	UG_L	U	U	PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00072	0.0019	0.0024	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-EB04-GW-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:35:00	320-26324	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0029	0.0029	UG_L	U	U	PR	TRG					00000000	AQ (Field Blanks)			5.0	0.0012	0.0029	0.0038	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-EB04-GW-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:35:00	320-26324	1	1			13C4 PFOA	13C4 PFOA	101	101	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-EB04-GW-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:35:00	320-26324	1	1			13C4 PFOS	13C4 PFOS	90	90	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-EB04-GW-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:35:00	320-26324	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0019	0.0019	UG_L	U	U	PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00088	0.0019	0.0024	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MEAFF-EB04-GW-0317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	03/03/201	03/04/2017		20170309	10:15:00	20170312	04:35:00	320-26324	1	1			18O2 PFHXS	18O2 PFHX	95	95	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	LCS 320-153806/2-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BS	W	4	03/08/201	03/08/2017		20170308	08:41:00	20170314	21:06:00	LCS 320-1	1	1			1,4-Dioxane	123-91-1	32	32	PCT_REC	M	M	PR	TRG		LSA	52	12	00000000				5.0	0.20	0.50	1.0	320-26324	320-154875	
N6247016	JM01		MERIDIAN	LCS 320-153806/2-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BS	W	4	03/08/201	03/08/2017		20170308	08:41:00	20170314	21:06:00	LCS 320-1	1	1			Nitrobenzene-D5	4165-60-0	75	75	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-26324	320-154875	
N6247016	JM01		MERIDIAN	LCS 320-154076/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/09/201	03/09/2017		20170309	10:15:00	20170312	03:35:00	LCS 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	113	113	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.75	2.0	2.5	320-26324	320-154520	
N6247016	JM01		MERIDIAN	LCS 320-154076/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/09/201	03/09/2017		20170309	10:15:00	20170312	03:35:00	LCS 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	113	113	PCT_REC	M	M	PR	TRG		LSA	140	60	00000000				5.0	1.3	3.0	4.0	320-26324	320-154520	
N6247016	JM01		MERIDIAN	LCS 320-154076/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/09/201	03/09/2017		20170309	10:15:00	20170312	03:35:00	LCS 320-1	1	1			13C4 PFOA	13C4 PFOA	100	100	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	LCS 320-154076/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/09/201	03/09/2017		20170309	10:15:00	20170312	03:35:00	LCS 320-1	1	1			13C4 PFOS	13C4 PFOS	91	91	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	LCS 320-154076/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/09/201	03/09/2017		20170309	10:15:00	20170312	03:35:00	LCS 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	126	126	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.92	2.0	2.5	320-26324	320-154520	
N6247016	JM01		MERIDIAN	LCS 320-154076/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	03/09/201	03/09/2017		20170309	10:15:00	20170312	03:35:00	LCS 320-1	1	1			18O2 PFHXS	18O2 PFHX	95	95	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	LCSD 320-153806/3-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BSD	W	4	03/08/201	03/08/2017		20170308	08:41:00	20170314	21:28:00	LCSD 320-	1	1			1,4-Dioxane	123-91-1	31	31	PCT_REC	M	M	PR	TRG		LSP	52	12	00000000				5.0	0.20	0.50	1.0	320-26324	320-154875	
N6247016	JM01		MERIDIAN	LCSD 320-153806/3-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	BSD	W	4	03/08/201	03/08/2017		20170308	08:41:00	20170314	21:28:00	LCSD 320-	1	1			Nitrobenzene-D5	4165-60-0	71	71	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-26324	320-154875	
N6247016	JM01		MERIDIAN	MB 320-153806/1-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	LB1	W	4	03/08/201	03/08/2017		20170308	08:41:00	20170314	20:43:00	MB 320-1	1	1			1,4-Dioxane	123-91-1	0.50	0.50	UG_L	U	U	PR	TRG					00000000				5.0	0.20	0.50	1.0	320-26324	320-154875	
N6247016	JM01		MERIDIAN	MB 320-153806/1-A	NONS	SVOA	8270_SIM	SVOA	TAMER	Test Amer	NONE	NA	SW3510C	000	LB1	W	4	03/08/201	03/08/2017		20170308	08:41:00	20170314	20:43:00	MB 320-1	1	1			Nitrobenzene-D5	4165-60-0	69	69	PCT_REC			PR	SURR		SLSA	91	42	00000000				5.0				320-26324	320-154875	
N6247016	JM01		MERIDIAN	MB 320-154076/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/09/201	03/09/2017		20170309	10:15:00	20170312	03:28:00	MB 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.002	0.002	UG_L	UM	UM	PR	TRG					00000000				5.0	0.00075	0.002	0.0025	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MB 320-154076/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/09/201	03/09/2017		20170309	10:15:00	20170312	03:28:00	MB 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.003	0.003	UG_L	U	U	PR	TRG					00000000				5.0	0.0013	0.003	0.004	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MB 320-154076/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/09/201	03/09/2017		20170309	10:15:00	20170312	03:28:00	MB 320-1	1	1			13C4 PFOA	13C4 PFOA	105	105	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MB 320-154076/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/09/201	03/09/2017		20170309	10:15:00	20170312	03:28:00	MB 320-1	1	1			13C4 PFOS	13C4 PFOS	88	88	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MB 320-154076/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/09/201	03/09/2017		20170309	10:15:00	20170312	03:28:00	MB 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.002	0.002	UG_L	U	U	PR	TRG					00000000				5.0	0.00092	0.002	0.0025	320-26324	320-154520	
N6247016	JM01		MERIDIAN	MB 320-154076/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	03/09/201	03/09/2017		20170309	10:15:00	20170312	03:28:00	MB 320-1	1	1			18O2 PFHXS	18O2 PFHX	95	95	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26324	320-154520	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			4-Bromofluorobenzene	460-00-4	93.3	93.3	PCT				SURR		SLSA	120	75	20091101	AQ (Field Blanks)			4.2	0	0	0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Toluene-D8	2037-26-5	102.	102.	PCT				SURR		SLSA	120	85	20091101	AQ (Field Blanks)			4.2	0	0	0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,2-Dichloroethane-d4	17060-07-	118.	118.	PCT				SURR		SLSA	120	70	20091101	AQ (Field Blanks)			4.2	0	0	0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Dibromofluoromethane	1868-53-7	110.	110.	PCT				SURR		SLSA	115	85	20091101	AQ (Field Blanks)			4.2	0	0	0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		4-Bromofluorobenzene	460-00-4	67.9	67.9	PCT	*	*		SURR		SLSA	120	85	20091101	SO			4.2	0	0	0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		4-Bromofluorobenzene	460-00-4	54.1	54.1	PCT	*	*		SURR		SLSA	120	85	20091101	SO			4.2	0	0	0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Toluene-D8	2037-26-5	95.2	95.2	PCT				SURR		SLSA	115	85	20091101	SO			4.2	0	0	0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Toluene-D8	2037-26-5	93.7	93.7	PCT				SURR		SLSA	115	85	20091101	SO			4.2	0	0	0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,2-Dichloroethane-d4	17060-07-	88.5	88.5	PCT				SURR		SLSA	134	58	20091101	SO			4.2	0	0	0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,2-Dichloroethane-d4	17060-07-	100.	100.	PCT				SURR		SLSA	134	58	20091101	SO			4.2	0	0	0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Dibromofluoromethane	1868-53-7	100.	100.	PCT				SURR		SLSA	130	64	20091101	SO			4.2	0	0	0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Dibromofluoromethane	1868-53-7	97.1	97.1	PCT				SURR		SLSA	130	64	20091101	SO			4.2	0	0	0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		4-Bromofluorobenzene	460-00-4	66.5	66.5	PCT	*	*		SURR		SLSA	120	85	20091101	SO			4.2	0	0	0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		4-Bromofluorobenzene	460-00-4	57.5	57.5	PCT	*	*		SURR		SLSA	120	85	20091101	SO			4.2	0	0	0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Toluene-D8	2037-26-5	98.5	98.5	PCT				SURR		SLSA	115	85	20091101	SO			4.2	0	0	0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Toluene-D8	2037-26-5	91.6	91.6	PCT				SURR		SLSA	115	85	20091101	SO			4.2	0	0	0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,2-Dichloroethane-d4	17060-07-	100.	100.	PCT				SURR		SLSA	134	58	20091101	SO			4.2	0	0	0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,2-Dichloroethane-d4	17060-07-	110.	110.	PCT				SURR		SLSA	134	58	20091101	SO			4.2	0	0	0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Dibromofluoromethane	1868-53-7	100.	100.	PCT				SURR		SLSA	130	64	20091101	SO			4.2	0	0	0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Dibromofluoromethane	1868-53-7	107.	107.	PCT				SURR		SLSA	130	64	20091101	SO			4.2	0	0	0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		4-Bromofluorobenzene	460-00-4	91.6	91.6	PCT				SURR		SLSA	120	85	20091101				4.2	0	0	0	SK1680	WG201121	

N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017			20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Toluene-D8	2037-26-5	95.3	95.3	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017			20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,2-Dichloroethane-d4	17060-07-	98.0	98.0	PCT				SURR		SLSA	134	58	20091101				4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017			20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Dibromofluoromethane	1868-53-7	99.7	99.7	PCT				SURR		SLSA	130	64	20091101				4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017			20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		4-Bromofluorobenzene	460-00-4	51.8	51.8	PCT	*	*		SURR		SLSA	120	85	20091101				4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017			20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Toluene-D8	2037-26-5	87.2	87.2	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017			20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,2-Dichloroethane-d4	17060-07-	100.	100.	PCT				SURR		SLSA	134	58	20091101				4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017			20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Dibromofluoromethane	1868-53-7	105.	105.	PCT				SURR		SLSA	130	64	20091101				4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		4-Bromofluorobenzene	460-00-4	53.6	53.6	PCT	*	*		SURR		SLSA	120	85	20091101	SO			4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Toluene-D8	2037-26-5	94.5	94.5	PCT				SURR		SLSA	115	85	20091101	SO			4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,2-Dichloroethane-d4	17060-07-	122.	122.	PCT				SURR		SLSA	134	58	20091101	SO			4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Dibromofluoromethane	1868-53-7	106.	106.	PCT				SURR		SLSA	130	64	20091101	SO			4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			4-Bromofluorobenzene	460-00-4	97.2	97.2	PCT				SURR		SLSA	120	85	20091101	AQ (Field Blanks)			4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Toluene-D8	2037-26-5	99.7	99.7	PCT				SURR		SLSA	115	85	20091101	AQ (Field Blanks)			4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,2-Dichloroethane-d4	17060-07-	103.	103.	PCT				SURR		SLSA	134	58	20091101	AQ (Field Blanks)			4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Dibromofluoromethane	1868-53-7	99.0	99.0	PCT				SURR		SLSA	130	64	20091101	AQ (Field Blanks)			4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017			20170310	11:16:00	20170310	11:16:00	WG20112	1	1			4-Bromofluorobenzene	460-00-4	97.6	97.6	PCT				SURR		SLSA	120	85	20091101				4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017			20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Toluene-D8	2037-26-5	99.4	99.4	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017			20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,2-Dichloroethane-d4	17060-07-	98.4	98.4	PCT				SURR		SLSA	134	58	20091101				4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017			20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Dibromofluoromethane	1868-53-7	99.7	99.7	PCT				SURR		SLSA	130	64	20091101				4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017			20170310	09:44:00	20170310	09:44:00	WG20112	1	1			4-Bromofluorobenzene	460-00-4	94.9	94.9	PCT				SURR		SLSA	120	85	20091101				4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017			20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Toluene-D8	2037-26-5	95.0	95.0	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017			20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,2-Dichloroethane-d4	17060-07-	94.3	94.3	PCT				SURR		SLSA	134	58	20091101				4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017			20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Dibromofluoromethane	1868-53-7	96.7	96.7	PCT				SURR		SLSA	130	64	20091101				4.2	0	0	0	SK1680	WG201121		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			4-Bromofluorobenzene	460-00-4	93.5	93.5	PCT				SURR		SLSA	120	75	20091101				4.2	0	0	0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Toluene-D8	2037-26-5	102.	102.	PCT				SURR		SLSA	120	85	20091101				4.2	0	0	0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,2-Dichloroethane-d4	17060-07-	115.	115.	PCT				SURR		SLSA	120	70	20091101				4.2	0	0	0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Dibromofluoromethane	1868-53-7	107.	107.	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			4-Bromofluorobenzene	460-00-4	95.9	95.9	PCT				SURR		SLSA	120	75	20091101				4.2	0	0	0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Toluene-D8	2037-26-5	101.	101.	PCT				SURR		SLSA	120	85	20091101				4.2	0	0	0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,2-Dichloroethane-d4	17060-07-	102.	102.	PCT				SURR		SLSA	120	70	20091101				4.2	0	0	0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Dibromofluoromethane	1868-53-7	99.3	99.3	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017			20170317	11:45:00	20170317	11:45:00	WG20153	1	1			4-Bromofluorobenzene	460-00-4	101.	101.	PCT				SURR		SLSA	120	85	20091101				4.2	0	0	0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017			20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Toluene-D8	2037-26-5	103.	103.	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017			20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,2-Dichloroethane-d4	17060-07-	112.	112.	PCT				SURR		SLSA	134	58	20091101				4.2	0	0	0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017			20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Dibromofluoromethane	1868-53-7	106.	106.	PCT				SURR		SLSA	130	64	20091101				4.2	0	0	0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017			20170317	09:38:00	20170317	09:38:00	WG20153	1	1			4-Bromofluorobenzene	460-00-4	104.	104.	PCT				SURR		SLSA	120	85	20091101				4.2	0	0	0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017			20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Toluene-D8	2037-26-5	102.	102.	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017			20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,2-Dichloroethane-d4	17060-07-	110.	110.	PCT				SURR		SLSA	134	58	20091101				4.2	0	0	0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017			20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Dibromofluoromethane	1868-53-7	106.	106.	PCT				SURR		SLSA	130	64	20091101				4.2	0	0	0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:55:00	SK1681-2	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8	96.0	96.0	PCT				SURR		SLSA	140	25	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:55:00	SK1681-2	1	1			Decachlorobiphenyl (209)	2051-24-3	69.2	69.2	PCT				SURR		SLSA	135	30	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:36:00	SK1681-1	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8	95.2	95.2	PCT				SURR		SLSA	140	25	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:36:00	SK1681-1	1	1			Decachlorobiphenyl (209)	2051-24-3	86.4	86.4	PCT				SURR		SLSA	135	30	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:20:00	WG20135	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8	88.3	88.3	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:20:00	WG20135	1	1			Decachlorobiphenyl (209)	2051-24-3	72.6	72.6	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:39:00	WG20135	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8	86.5	86.5	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:39:00	WG20135	1	1			Decachlorobiphenyl (209)	2051-24-3	68.8	68.8	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCS1	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	15:18:00	WG20135	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8	92.0	92.0	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCS1	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	15:18:00	WG20135	1	1			Decachlorobiphenyl (209)	2051-24-3	53.6	53.6	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCS2	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170315	15:10:00	WG20135	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8	112.	112.	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCS2	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170315	15:10:00	WG20135	1	1			Decachlorobiphenyl (209)	2051-24-3	62.1	62.1	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCSD	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:59:00	WG20135	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8	87.9	87.9	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCSD	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:59:00	WG20135	1	1			Decachlorobiphenyl (209)	2051-24-3	72.5	72.5	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201038-TCLP BLK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170309	13:00:00	20170310	10:52:00	WG20103	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8	93.2	93.2	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK1681	WG20103	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201038-TCLP BLK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170309	13:00:00	20170310	10:52:00	WG20103	1	1			Decachlorobiphenyl (209)	2051-24-3	96.2	96.2	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK1681	WG20103	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201405-BLANK	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/15/201	03/15/2017			20170315	10:45:00	20170316	17:43:00	WG20140	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-	79.0	79.0	PCT				SURR		SLSA	126	35	20091101				4.2	0	0	0	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201405-LCS	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/15/201	03/15/2017			20170315	10:45:00	20170316	18:07:00	WG20140	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-	82.2	82.2	PCT				SURR		SLSA	126	35	20091101				4.2	0	0	0	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201405-LCSD	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/15/201	03/15/2017			20170315	10:45:00	20170316	18:30:00	WG20140	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-	84.0	84.0	PCT				SURR		SLSA	126	35	20091101				4.2	0	0	0	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			2-Fluorophenol	367-12-4	0.00	0.00	PCT	*			SURR		SLSA	110	20	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			Phenol-D6	13127-88-	9.96	9.96	PCT	*			SURR		SLSA	115	10	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			Nitrobenzene-D5	4165-60-0	91.5	91.5	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			2-Fluorobiphenyl	321-60-8	88.9	88.9	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			2,4,6-Tribromophenol	118-79-6	10.1	10.1	PCT	*			SURR		SLSA	125	40	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			Terphenyl-D14	1718-51-0	117.	117.	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			2-Fluorophenol	367-12-4	0.00	0.00	PCT	*			SURR		SLSA	110	20	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			Phenol-D6	13127-88-	8.71	8.71	PCT	*			SURR		SLSA	115	10	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			Nitrobenzene-D5	4165-60-0	76.2	76.2	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			2-Fluorobiphenyl	321-60-8	79.5	79.5	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			2,4,6-Tribromophenol	118-79-6	12.8	12.8	PCT	*			SURR		SLSA	125	40	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			Terphenyl-D14	1718-51-0	106.	106.	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			2-Fluorophenol	367-12-4	37.8	37.8	PCT				SURR		SLSA	110	20	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			Phenol-D6	13127-88-	24.5	24.5	PCT				SURR		SLSA	115	10	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			Nitrobenzene-D5	4165-60-0	80.3	80.3	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			2-Fluorobiphenyl	321-60-8	78.5	78.5	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			2,4,6-Tribromophenol	118-79-6	103.	103.	PCT				SURR		SLSA	125	40	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			Terphenyl-D14	1718-51-0	117.	117.	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201127-TCLP BLK	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170310	12:00:00	20170316	00:57:00	WG20112	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-	84.0	84.0	PCT				SURR		SLSA	126	35	20091101				4.2	0	0	0	SK1681	WG20112	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	10:45:00	20170316	19:42:00	SK1681-2	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-	80.0	80.0	PCT				SURR		SLSA	126	35	20091101	IDW			4.2	0	0	0	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	10:45:00	20170316	19:18:00	SK1681-1	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-	65.2	65.2	PCT				SURR		SLSA	126	35	20091101	IDW			4.2	0	0	0	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			2-Fluorophenol	367-12-4	31.5	31.5	PCT				SURR		SLSA	110	20	20091101	IDW			4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			2-Fluorophenol	367-12-4	1.85	1.85	PCT	*			SURR		SLSA	110	20	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			Phenol-D6	13127-88-	20.1	20.1	PCT				SURR		SLSA	115	10	20091101	IDW			4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			Phenol-D6	13127-88-	5.78	5.78	PCT	*			SURR		SLSA	115	10	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			Nitrobenzene-D5	4165-60-0	79.1	79.1	PCT				SURR		SLSA	110	40	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			Nitrobenzene-D5	4165-60-0	89.3	89.3	PCT				SURR		SLSA	110	40	20091101	IDW			4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			2-Fluorobiphenyl	321-60-8	86.4	86.4	PCT				SURR		SLSA	110	50	20091101	IDW			4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			2-Fluorobiphenyl	321-60-8	88.3	88.3	PCT				SURR		SLSA	110	50	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			2,4,6-Tribromophenol	118-79-6	79.7	79.7	PCT				SURR		SLSA	125	40	20091101	IDW			4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			2,4,6-Tribromophenol	118-79-6	2.75	2.75	PCT	*			SURR		SLSA	125	40	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			Terphenyl-D14	1718-51-0	85.2	85.2	PCT				SURR		SLSA	135	50	20091101	IDW			4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			Terphenyl-D14	1718-51-0	128.	128.	PCT				SURR		SLSA	135	50	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			2-Fluorophenol	367-12-4	34.1	34.1	PCT				SURR		SLSA	110	20	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			Phenol-D6	13127-88-	21.4	21.4	PCT				SURR		SLSA	115	10	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			Nitrobenzene-D5	4165-60-0	63.7	63.7	PCT				SURR		SLSA	110	40	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			2-Fluorobiphenyl	321-60-8	81.9	81.9	PCT				SURR		SLSA	110	50	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			2,4,6-Tribromophenol	118-79-6	81.4	81.4	PCT				SURR		SLSA	125	40	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			Terphenyl-D14	1718-51-0	143.	143.	PCT	*			SURR		SLSA	135	50	20091101	IDW			4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			2-Fluorophenol	367-12-4	28.7	28.7	PCT				SURR		SLSA	110	20	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			Phenol-D6	13127-88-	19.9	19.9	PCT				SURR		SLSA	115	10	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			Nitrobenzene-D5	4165-60-0	87.9	87.9	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			2-Fluorobiphenyl	321-60-8	98.9	98.9	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			2,4,6-Tribromophenol	118-79-6	107.	107.	PCT				SURR		SLSA	125	40	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			Terphenyl-D14	1718-51-0	96.5	96.5	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			2-Fluorophenol	367-12-4	41.3	41.3	PCT				SURR		SLSA	110	20	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			Phenol-D6	13127-88-	24.4	24.4	PCT				SURR		SLSA	115	10	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			Nitrobenzene-D5	4165-60-0	107.	107.	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			2-Fluorobiphenyl	321-60-8	98.4	98.4	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			2,4,6-Tribromophenol	118-79-6	102.	102.	PCT				SURR		SLSA	125	40	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			Terphenyl-D14	1718-51-0	81.6	81.6	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			2-Fluorophenol	367-12-4	34.9	34.9	PCT				SURR		SLSA	110	20	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			Phenol-D6	13127-88-	20.9	20.9	PCT				SURR		SLSA	115	10	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			Nitrobenzene-D5	4165-60-0	73.8	73.8	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			2-Fluorobiphenyl	321-60-8	68.2	68.2	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			2,4,6-Tribromophenol	118-79-6	91.0	91.0	PCT				SURR		SLSA	125	40	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			Terphenyl-D14	1718-51-0	78.8	78.8	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			2-Fluorophenol	367-12-4	38.5	38.5	PCT				SURR		SLSA	110	20	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			Phenol-D6	13127-88-	21.8	21.8	PCT				SURR		SLSA	115	10	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			Nitrobenzene-D5	4165-60-0	81.9	81.9	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			2-Fluorobiphenyl	321-60-8	79.9	79.9	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			2,4,6-Tribromophenol	118-79-6	92.0	92.0	PCT				SURR		SLSA	125	40	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			Terphenyl-D14	1718-51-0	73.5	73.5	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	SK1681	WG20193	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201413-TCLP BLK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	03/15/201	03/15/201	20170315	08:07:00	20170315	13:17:00	20170315	13:17:00	WG20141	20	1	10.851		1,2-Dichloroethane-d4	17060-07-	104.	104.	PCT				SURR		SLSA	120	70	20091101				4.2	0	0	0	SK1681	WG20141	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201413-TCLP BLK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	03/15/201	03/15/201	20170315	08:07:00	20170315	13:17:00	20170315	13:17:00	WG20141	20	1	10.851		Toluene-D8	2037-26-5	100.	100.	PCT				SURR		SLSA	120	85	20091101				4.2	0	0	0	SK1681	WG20141	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201413-TCLP BLK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	03/15/201	03/15/201	20170315	08:07:00	20170315	13:17:00	20170315	13:17:00	WG20141	20	1	10.851		4-Bromofluorobenzene	460-00-4	99.9	99.9	PCT				SURR		SLSA	120	75	20091101				4.2	0	0	0	SK1681	WG20141	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201413-TCLP BLK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	03/15/201	03/15/201	20170315	08:07:00	20170315	13:17:00	20170315	13:17:00	WG20141	20	1	10.851		Dibromofluoromethane	1868-53-7	102.	102.	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK1681	WG20141	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	14:25:00	20170315	14:25:00	SK1681-2D	20	1			1,2-Dichloroethane-d4	17060-07-	106.	106.	PCT				SURR		SLSA	120	70	20091101	IDW			4.2	0	0	0	SK1681	WG20141	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	14:25:00	20170315	14:25:00	SK1681-2D	20	1			Toluene-D8	2037-26-5	99.6	99.6	PCT				SURR		SLSA	120	85	20091101	IDW			4.2	0	0	0	SK1681	WG20141	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	14:25:00	20170315	14:25:00	SK1681-2D	20	1			4-Bromofluorobenzene	460-00-4	97.9	97.9	PCT				SURR		SLSA	120	75	20091101	IDW			4.2	0	0	0	SK1681	WG20141	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	14:25:00	20170315	14:25:00	SK1681-2D	20	1			Dibromofluoromethane	1868-53-7	101.	101.	PCT				SURR		SLSA	115	85	20091101	IDW			4.2	0	0	0	SK1681	WG20141	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	13:51:00	20170315	13:51:00	SK1681-1D	20	1			1,2-Dichloroethane-d4	17060-07-	106.	106.	PCT				SURR		SLSA	120	70	20091101	IDW			4.2	0	0	0	SK1681	WG20141	Preload Ch	20170331

N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	13:51:00	20170315	13:51:00	SK1681-1	20	1			Toluene-D8	2037-26-5	102.	102.	PCT				SURR		SLSA	120	85	20091101	IDW			4.2	0	0	0	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	13:51:00	20170315	13:51:00	SK1681-1	20	1			4-Bromofluorobenzene	460-00-4	98.6	98.6	PCT				SURR		SLSA	120	75	20091101	IDW			4.2	0	0	0	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	13:51:00	20170315	13:51:00	SK1681-1	20	1			Dibromofluoromethane	1868-53-7	102.	102.	PCT				SURR		SLSA	115	85	20091101	IDW			4.2	0	0	0	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/15/201	03/15/2017			20170315	12:43:00	20170315	12:43:00	WG20141	1	1			1,2-Dichloroethane-d4	17060-07-	103.	103.	PCT				SURR		SLSA	120	70	20091101				4.2	0	0	0	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/15/201	03/15/2017			20170315	12:43:00	20170315	12:43:00	WG20141	1	1			Toluene-D8	2037-26-5	99.8	99.8	PCT				SURR		SLSA	120	85	20091101				4.2	0	0	0	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/15/201	03/15/2017			20170315	12:43:00	20170315	12:43:00	WG20141	1	1			4-Bromofluorobenzene	460-00-4	97.2	97.2	PCT				SURR		SLSA	120	75	20091101				4.2	0	0	0	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/15/201	03/15/2017			20170315	12:43:00	20170315	12:43:00	WG20141	1	1			Dibromofluoromethane	1868-53-7	101.	101.	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/15/201	03/15/2017			20170315	11:00:00	20170315	11:00:00	WG20141	1	1			1,2-Dichloroethane-d4	17060-07-	97.7	97.7	PCT				SURR		SLSA	120	70	20091101				4.2	0	0	0	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/15/201	03/15/2017			20170315	11:00:00	20170315	11:00:00	WG20141	1	1			Toluene-D8	2037-26-5	98.9	98.9	PCT				SURR		SLSA	120	85	20091101				4.2	0	0	0	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/15/201	03/15/2017			20170315	11:00:00	20170315	11:00:00	WG20141	1	1			4-Bromofluorobenzene	460-00-4	98.9	98.9	PCT				SURR		SLSA	120	75	20091101				4.2	0	0	0	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/15/201	03/15/2017			20170315	11:00:00	20170315	11:00:00	WG20141	1	1			Dibromofluoromethane	1868-53-7	96.6	96.6	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170627	11:01:00	20170627	19:11:00	SK5275-1	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		75.6	PCT				SURR		SLSA	140	25	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170627	11:01:00	20170627	19:11:00	SK5275-1	1	1			Decachlorobiphenyl (209)	2051-24-3		83.2	PCT				SURR		SLSA	135	30	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208064-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170627	11:10:00	20170627	15:57:00	WG20806	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		33.0	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208064-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170627	11:10:00	20170627	15:57:00	WG20806	1	1			Decachlorobiphenyl (209)	2051-24-3		86.6	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:02:00	20170627	19:30:00	SK5275-2	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		64.8	PCT				SURR		SLSA	140	25	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:02:00	20170627	19:30:00	SK5275-2	1	1			Decachlorobiphenyl (209)	2051-24-3		77.2	PCT				SURR		SLSA	135	30	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:03:00	20170627	19:50:00	SK5275-3	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		73.0	PCT				SURR		SLSA	140	25	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:03:00	20170627	19:50:00	SK5275-3	1	1			Decachlorobiphenyl (209)	2051-24-3		89.2	PCT				SURR		SLSA	135	30	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170703	11:01:00	20170703	15:32:00	SK5275-4R	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		89.5	PCT				SURR		SLSA	140	25	20091101	IDW			4.2	0	0	0	SK5275	WG20846	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170703	11:01:00	20170703	15:32:00	SK5275-4R	1	1			Decachlorobiphenyl (209)	2051-24-3		90.8	PCT				SURR		SLSA	135	30	20091101	IDW			4.2	0	0	0	SK5275	WG20846	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:04:00	20170627	20:29:00	SK5275-5	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		67.6	PCT				SURR		SLSA	140	25	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:04:00	20170627	20:29:00	SK5275-5	1	1			Decachlorobiphenyl (209)	2051-24-3		81.6	PCT				SURR		SLSA	135	30	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:05:00	20170627	20:48:00	SK5275-6	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		65.2	PCT				SURR		SLSA	140	25	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:05:00	20170627	20:48:00	SK5275-6	1	1			Decachlorobiphenyl (209)	2051-24-3		88.6	PCT				SURR		SLSA	135	30	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207830-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170623	07:01:00	20170626	19:04:00	WG20783	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		74.6	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK5275	WG20783	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207830-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170623	07:01:00	20170626	19:04:00	WG20783	1	1			Decachlorobiphenyl (209)	2051-24-3		83.6	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK5275	WG20783	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208064-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/27/201	06/27/2017			20170627	11:06:00	20170627	14:00:00	WG20806	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		89.9	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208064-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/27/201	06/27/2017			20170627	11:06:00	20170627	14:00:00	WG20806	1	1			Decachlorobiphenyl (209)	2051-24-3		90.2	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208064-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	11:07:00	20170627	14:20:00	WG20806	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		89.4	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208064-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	11:07:00	20170627	14:20:00	WG20806	1	1			Decachlorobiphenyl (209)	2051-24-3		86.6	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208064-LCS1	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	11:08:00	20170627	14:39:00	WG20806	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		76.0	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208064-LCS1	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	11:08:00	20170627	14:39:00	WG20806	1	1			Decachlorobiphenyl (209)	2051-24-3		82.2	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208064-LCS2	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	11:09:00	20170627	14:58:00	WG20806	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		72.4	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208064-LCS2	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	11:09:00	20170627	14:58:00	WG20806	1	1			Decachlorobiphenyl (209)	2051-24-3		49.5	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208464-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	07/03/201	07/03/2017			20170703	11:02:00	20170703	13:36:00	WG20846	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		79.7	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK5275	WG20846	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208464-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	07/03/201	07/03/2017			20170703	11:02:00	20170703	13:36:00	WG20846	1	1			Decachlorobiphenyl (209)	2051-24-3		81.4	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK5275	WG20846	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208464-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	07/03/201	07/03/2017			20170703	11:03:00	20170703	13:55:00	WG20846	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		75.4	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK5275	WG20846	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208464-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	07/03/201	07/03/2017			20170703	11:03:00	20170703	13:55:00	WG20846	1	1			Decachlorobiphenyl (209)	2051-24-3		70.1	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK5275	WG20846	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208464-LCS1	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	07/03/201	07/03/2017			20170703	11:04:00	20170703	14:15:00	WG20846	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		69.2	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK5275	WG20846	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208464-LCS1	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	07/03/201	07/03/2017			20170703	11:04:00	20170703	14:15:00	WG20846	1	1			Decachlorobiphenyl (209)	2051-24-3		84.2	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK5275	WG20846	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208464-LCS2	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	07/03/201	07/03/2017			20170703	11:05:00	20170703	14:34:00	WG20846	1	1			2,4,5,6-Tetrachloro-meta-xylene	877-09-8		78.4	PCT				SURR		SLSA	140	25	20091101				4.2	0	0	0	SK5275	WG20846	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208464-LCS2	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	07/03/201	07/03/2017			20170703	11:05:00	20170703	14:34:00	WG20846	1	1			Decachlorobiphenyl (209)	2051-24-3		74.6	PCT				SURR		SLSA	135	30	20091101				4.2	0	0	0	SK5275	WG20846	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208066-BLANK	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/27/201	06/27/2017			20170627	13:07:00	20170628	16:01:00	WG20806	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-9		101.	PCT				SURR		SLSA	126	35	20091101				4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208066-LCS	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	13:08:00	20170628	16:25:00	WG20806	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-9		122.	PCT				SURR		SLSA	126	35	20091101				4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			2-Fluorophenol	367-12-4		22.5	PCT				SURR		SLSA	110	20	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			Phenol-D6	13127-88-3		12.5	PCT				SURR		SLSA	115	10	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			Nitrobenzene-D5	4165-60-0		71.1	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			2-Fluorobiphenyl	321-60-8		59.9	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			2,4,6-Tribromophenol	118-79-6		68.2	PCT				SURR		SLSA	125	40	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			Terphenyl-D14	1718-51-0		72.8	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			2-Fluorophenol	367-12-4		29.8	PCT				SURR		SLSA	110	20	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			Phenol-D6	13127-88-3		19.5	PCT				SURR		SLSA	115	10	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			Nitrobenzene-D5	4165-60-0		81.7	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			2-Fluorobiphenyl	321-60-8		72.3	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			2,4,6-Tribromophenol	118-79-6		63.0	PCT				SURR		SLSA	125	40	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			Terphenyl-D14	1718-51-0		86.9	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			2-Fluorophenol	367-12-4		15.7	PCT	*			SURR		SLSA	110	20	20091101				4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			Phenol-D6	13127-88-3		13.6	PCT				SURR		SLSA	115	10	20091101				4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			Nitrobenzene-D5	4165-60-0		56.1	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			2-Fluorobiphenyl	321-60-8		52.9	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			2,4,6-Tribromophenol	118-79-6		41.0	PCT				SURR		SLSA	125	40	20091101				4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			Terphenyl-D14	1718-51-0		76.7	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			2-Fluorophenol	367-12-4		38.2	PCT				SURR		SLSA	110	20	20091101				4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			Phenol-D6	13127-88-3		24.1	PCT				SURR		SLSA	115	10	20091101				4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			Nitrobenzene-D5	4165-60-0		83.7	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			2-Fluorobiphenyl	321-60-8		71.0	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			2,4,6-Tribromophenol	118-79-6		73.9	PCT				SURR		SLSA	125	40	20091101				4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			Terphenyl-D14	1718-51-0		85.8	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207744-TCLPBLANK	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170622	11:01:00	20170623	18:09:00	WG20774	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-9		70.5	PCT				SURR		SLSA	126	35	20091101				4.2	0	0	0	SK5275	WG20774	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170627	13:01:00	20170628	17:12:00	SK5275-1	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-9		94.9	PCT				SURR		SLSA	126	35	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208066-TCLPBLANK	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170627	13:09:00	20170628	16:49:00	WG20806	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-9		75.6	PCT				SURR		SLSA	126	35	20091101				4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	13:02:00	20170628	17:36:00	SK5275-2	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-9		76.1	PCT				SURR		SLSA	126	35	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	13:03:00	20170628	18:00:00	SK5275-3	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-9		71.8	PCT				SURR		SLSA	126	35	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	13:04:00	20170628	18:23:00	SK5275-4	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-9		87.6	PCT				SURR		SLSA	126	35	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	13:05:00	20170628	18:47:00	SK5275-5	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-9		60.7	PCT				SURR		SLSA	126	35	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	13:06:00	20170628	19:11:00	SK5275-6	1	1			2,4-DICHLOROPHENYLACETIC ACID	19719-28-9		80.3	PCT				SURR		SLSA	126	35	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			2-Fluorophenol	367-12-4		35.4	PCT				SURR		SLSA	110	20	20091101				4.2	0	0	0	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			Phenol-D6	13127-88-3		21.9	PCT				SURR		SLSA	115	10	20091101				4.2	0	0	0	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			Nitrobenzene-D5	4165-60-0		80.5	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			2-Fluorobiphenyl	321-60-8		66.9	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			2,4,6-Tribromophenol	118-79-6		73.8	PCT				SURR		SLSA	125	40	20091101				4.2	0	0	0	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			Terphenyl-D14	1718-51-0		87.7	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			2-Fluorophenol	367-12-4		27.5	PCT				SURR		SLSA	110	20	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			Phenol-D6	13127-88-3		15.8	PCT				SURR		SLSA	115	10	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			Nitrobenzene-D5	4165-60-0		62.2	PCT				SURR		SLSA	110	40	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			2-Fluorobiphenyl	321-60-8		53.1	PCT				SURR		SLSA	110	50	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			2,4,6-Tribromophenol	118-79-6		67.0	PCT				SURR		SLSA	125	40	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			Terphenyl-D14	1718-51-0		91.6	PCT				SURR		SLSA	135	50	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			2-Fluorophenol	367-12-4		25.1	PCT				SURR		SLSA	110	20	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			Phenol-D6	13127-88-3		16.9	PCT				SURR		SLSA	115	10	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			Nitrobenzene-D5	4165-60-0		73.7	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			2-Fluorobiphenyl	321-60-8		67.5	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			2,4,6-Tribromophenol	118-79-6		64.6	PCT				SURR		SLSA	125	40	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			Terphenyl-D14	1718-51-0		82.8	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			2-Fluorophenol	367-12-4		33.2	PCT				SURR		SLSA	110	20	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			Phenol-D6	13127-88-3		21.2	PCT				SURR		SLSA	115	10	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			Nitrobenzene-D5	4165-60-0		68.7	PCT				SURR		SLSA	110	40	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			2-Fluorobiphenyl	321-60-8		56.6	PCT				SURR		SLSA	110	50	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			2,4,6-Tribromophenol	118-79-6		69.5	PCT				SURR		SLSA	125	40	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			Terphenyl-D14	1718-51-0		73.4	PCT				SURR		SLSA	135	50	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			2-Fluorophenol	367-12-4		30.5	PCT				SURR		SLSA	110	20	20091101	IDW			4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			Phenol-D6	13127-88-3		18.6	PCT				SURR		SLSA	115	10	20091101	IDW			4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			Nitrobenzene-D5	4165-60-0		73.4	PCT				SURR		SLSA	110	40	20091101	IDW			4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			2-Fluorobiphenyl	321-60-8		66.9	PCT				SURR		SLSA	110	50	20091101	IDW			4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			2,4,6-Tribromophenol	118-79-6		72.6	PCT				SURR		SLSA	125	40	20091101	IDW			4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			Terphenyl-D14	1718-51-0		99.6	PCT				SURR		SLSA	135	50	20091101	IDW			4.2	0	0	0	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			2-Fluorophenol	367-12-4		27.0	PCT				SURR		SLSA	110	20	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			Phenol-D6	13127-88-3		16.4	PCT				SURR		SLSA	115	10	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			Nitrobenzene-D5	4165-60-0		57.1	PCT				SURR		SLSA	110	40	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			2-Fluorobiphenyl	321-60-8		52.7	PCT				SURR		SLSA	110	50	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			2,4,6-Tribromophenol	118-79-6		63.1	PCT				SURR		SLSA	125	40	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			Terphenyl-D14	1718-51-0		72.1	PCT				SURR		SLSA	135	50	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			2-Fluorophenol	367-12-4		38.9	PCT				SURR		SLSA	110	20	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			Phenol-D6	13127-88-3		24.8	PCT				SURR		SLSA	115	10	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			Nitrobenzene-D5	4165-60-0		85.6	PCT				SURR		SLSA	110	40	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			2-Fluorobiphenyl	321-60-8		75.4	PCT				SURR		SLSA	110	50	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			2,4,6-Tribromophenol	118-79-6		79.9	PCT				SURR		SLSA	125	40	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			Terphenyl-D14	1718-51-0		84.2	PCT				SURR		SLSA	135	50	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			2-Fluorophenol	367-12-4		27.3	PCT				SURR		SLSA	110	20	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			Phenol-D6	13127-88-3		15.1	PCT				SURR		SLSA	115	10	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			Nitrobenzene-D5	4165-60-0		79.2	PCT				SURR		SLSA	110	40	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			2-Fluorobiphenyl	321-60-8		67.6	PCT				SURR		SLSA	110	50	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			2,4,6-Tribromophenol	118-79-6		79.4	PCT				SURR		SLSA	125	40	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			Terphenyl-D14	1718-51-0		88.6	PCT				SURR		SLSA	135	50	20091101	IDW			4.2	0	0	0	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170627	09:00:00	20170630	14:21:00	20170630	14:21:00	SK5275-1	20	1			1,2-Dichloroethane-d4	17060-07-0		111.	PCT				SURR		SLSA	120	70	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170627	09:00:00	20170630	14:21:00	20170630	14:21:00	SK5275-1	20	1			Toluene-D8	2037-26-5		102.	PCT				SURR		SLSA	120	85	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170627	09:00:00	20170630	14:21:00	20170630	14:21:00	SK5275-1	20	1			4-Bromofluorobenzene	460-00-4		96.7	PCT				SURR		SLSA	120	75	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170627	09:00:00	20170630	14:21:00	20170630	14:21:00	SK5275-1	20	1			Dibromofluoromethane	1868-53-7		108.	PCT				SURR		SLSA	115	85	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	14:54:00	20170630	14:54:00	SK5275-2	20	1			1,2-Dichloroethane-d4	17060-07-0		114.	PCT				SURR		SLSA	120	70	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload Cl	20170801

N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	14:54:00	20170630	14:54:00	SK5275-2D	20	1			Toluene-D8	2037-26-5		109.	PCT				SURR		SLSA	120	85	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	14:54:00	20170630	14:54:00	SK5275-2D	20	1			4-Bromofluorobenzene	460-00-4		100.	PCT				SURR		SLSA	120	75	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	14:54:00	20170630	14:54:00	SK5275-2D	20	1			Dibromofluoromethane	1868-53-7		106.	PCT				SURR		SLSA	115	85	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	15:28:00	20170630	15:28:00	SK5275-3D	20	1			1,2-Dichloroethane-d4	17060-07-0		114.	PCT				SURR		SLSA	120	70	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	15:28:00	20170630	15:28:00	SK5275-3D	20	1			Toluene-D8	2037-26-5		106.	PCT				SURR		SLSA	120	85	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	15:28:00	20170630	15:28:00	SK5275-3D	20	1			4-Bromofluorobenzene	460-00-4		97.0	PCT				SURR		SLSA	120	75	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	15:28:00	20170630	15:28:00	SK5275-3D	20	1			Dibromofluoromethane	1868-53-7		108.	PCT				SURR		SLSA	115	85	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	16:01:00	20170630	16:01:00	SK5275-4D	20	1			1,2-Dichloroethane-d4	17060-07-0		114.	PCT				SURR		SLSA	120	70	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	16:01:00	20170630	16:01:00	SK5275-4D	20	1			Toluene-D8	2037-26-5		107.	PCT				SURR		SLSA	120	85	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	16:01:00	20170630	16:01:00	SK5275-4D	20	1			4-Bromofluorobenzene	460-00-4		98.3	PCT				SURR		SLSA	120	75	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	16:01:00	20170630	16:01:00	SK5275-4D	20	1			Dibromofluoromethane	1868-53-7		106.	PCT				SURR		SLSA	115	85	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170705	14:21:00	20170705	14:21:00	SK5275-5D	20	1			1,2-Dichloroethane-d4	17060-07-0		112.	PCT				SURR		SLSA	120	70	20091101	IDW			4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170705	14:21:00	20170705	14:21:00	SK5275-5D	20	1			Toluene-D8	2037-26-5		106.	PCT				SURR		SLSA	120	85	20091101	IDW			4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170705	14:21:00	20170705	14:21:00	SK5275-5D	20	1			4-Bromofluorobenzene	460-00-4		99.0	PCT				SURR		SLSA	120	75	20091101	IDW			4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170705	14:21:00	20170705	14:21:00	SK5275-5D	20	1			Dibromofluoromethane	1868-53-7		106.	PCT				SURR		SLSA	115	85	20091101	IDW			4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170630	07:44:00	20170705	14:55:00	20170705	14:55:00	SK5275-6D	20	1			1,2-Dichloroethane-d4	17060-07-0		110.	PCT				SURR		SLSA	120	70	20091101	IDW			4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170630	07:44:00	20170705	14:55:00	20170705	14:55:00	SK5275-6D	20	1			Toluene-D8	2037-26-5		104.	PCT				SURR		SLSA	120	85	20091101	IDW			4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170630	07:44:00	20170705	14:55:00	20170705	14:55:00	SK5275-6D	20	1			4-Bromofluorobenzene	460-00-4		99.4	PCT				SURR		SLSA	120	75	20091101	IDW			4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170630	07:44:00	20170705	14:55:00	20170705	14:55:00	SK5275-6D	20	1			Dibromofluoromethane	1868-53-7		106.	PCT				SURR		SLSA	115	85	20091101	IDW			4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207751-TCLPBLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	06/22/201	06/22/201	20170622	07:42:00	20170622	12:55:00	20170622	12:55:00	WG20775	20	1	50.968		1,2-Dichloroethane-d4	17060-07-0		120	PCT				SURR		SLSA	120	70	20091101				4.2	0	0	0	SK5275	WG20775	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207751-TCLPBLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	06/22/201	06/22/201	20170622	07:42:00	20170622	12:55:00	20170622	12:55:00	WG20775	20	1	50.968		Toluene-D8	2037-26-5		105.	PCT				SURR		SLSA	120	85	20091101				4.2	0	0	0	SK5275	WG20775	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207751-TCLPBLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	06/22/201	06/22/201	20170622	07:42:00	20170622	12:55:00	20170622	12:55:00	WG20775	20	1	50.968		4-Bromofluorobenzene	460-00-4		100.	PCT				SURR		SLSA	120	75	20091101				4.2	0	0	0	SK5275	WG20775	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207751-TCLPBLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	06/22/201	06/22/201	20170622	07:42:00	20170622	12:55:00	20170622	12:55:00	WG20775	20	1	50.968		Dibromofluoromethane	1868-53-7		115	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK5275	WG20775	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	06/30/201	06/30/2017			20170630	12:04:00	20170630	12:04:00	WG20829	1	1			1,2-Dichloroethane-d4	17060-07-0		111.	PCT				SURR		SLSA	120	70	20091101				4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	06/30/201	06/30/2017			20170630	12:04:00	20170630	12:04:00	WG20829	1	1			Toluene-D8	2037-26-5		102.	PCT				SURR		SLSA	120	85	20091101				4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	06/30/201	06/30/2017			20170630	12:04:00	20170630	12:04:00	WG20829	1	1			4-Bromofluorobenzene	460-00-4		97.0	PCT				SURR		SLSA	120	75	20091101				4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	06/30/201	06/30/2017			20170630	12:04:00	20170630	12:04:00	WG20829	1	1			Dibromofluoromethane	1868-53-7		106.	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	06/30/201	06/30/2017			20170630	10:41:00	20170630	10:41:00	WG20829	1	1			1,2-Dichloroethane-d4	17060-07-0		102.	PCT				SURR		SLSA	120	70	20091101				4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	06/30/201	06/30/2017			20170630	10:41:00	20170630	10:41:00	WG20829	1	1			Toluene-D8	2037-26-5		102.	PCT				SURR		SLSA	120	85	20091101				4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	06/30/201	06/30/2017			20170630	10:41:00	20170630	10:41:00	WG20829	1	1			4-Bromofluorobenzene	460-00-4		106.	PCT				SURR		SLSA	120	75	20091101				4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	06/30/201	06/30/2017			20170630	10:41:00	20170630	10:41:00	WG20829	1	1			Dibromofluoromethane	1868-53-7		96.4	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208608-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	07/05/201	07/05/2017			20170705	12:41:00	20170705	12:41:00	WG20860	1	1			1,2-Dichloroethane-d4	17060-07-0		108.	PCT				SURR		SLSA	120	70	20091101				4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208608-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	07/05/201	07/05/2017			20170705	12:41:00	20170705	12:41:00	WG20860	1	1			Toluene-D8	2037-26-5		102.	PCT				SURR		SLSA	120	85	20091101				4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208608-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	07/05/201	07/05/2017			20170705	12:41:00	20170705	12:41:00	WG20860	1	1			4-Bromofluorobenzene	460-00-4		101.	PCT				SURR		SLSA	120	75	20091101				4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208608-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	07/05/201	07/05/2017			20170705	12:41:00	20170705	12:41:00	WG20860	1	1			Dibromofluoromethane	1868-53-7		106.	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208608-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	07/05/201	07/05/2017			20170705	11:18:00	20170705	11:18:00	WG20860	1	1			1,2-Dichloroethane-d4	17060-07-0		97.6	PCT				SURR		SLSA	120	70	20091101				4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208608-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	07/05/201	07/05/2017			20170705	11:18:00	20170705	11:18:00	WG20860	1	1			Toluene-D8	2037-26-5		99.0	PCT				SURR		SLSA	120	85	20091101				4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208608-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	07/05/201	07/05/2017			20170705	11:18:00	20170705	11:18:00	WG20860	1	1			4-Bromofluorobenzene	460-00-4		108.	PCT				SURR		SLSA	120	75	20091101				4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208608-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	07/05/201	07/05/2017			20170705	11:18:00	20170705	11:18:00	WG20860	1	1			Dibromofluoromethane	1868-53-7		98.8	PCT				SURR		SLSA	115	85	20091101				4.2	0	0	0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Dichlorodifluoromethane (Freon-12)	75-71-8	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	1.4	7.5	15.	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Dichlorodifluoromethane (Freon-12)	75-71-8	6.0	6.0	UG_KG	U	U		TRG						SO			4.2	1.1	6.0	12.	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Chloromethane	74-87-3	6.0	6.0	UG_KG	U	U		TRG						SO			4.2	1.7	6.0	12.	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Chloromethane	74-87-3	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	2.1	7.5	15.	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Vinyl chloride	75-01-4	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	1.3	7.5	15.	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Vinyl chloride	75-01-4	6.0	6.0	UG_KG	U	U		TRG						SO			4.2	1.0	6.0	12.	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Bromomethane	74-83-9	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	1.6	7.5	15.	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Bromomethane	74-83-9	6.0	6.0	UG_KG	U	U		TRG						SO			4.2	1.3	6.0	12.	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Chloroethane	75-00-3	6.0	6.0	UG_KG	U	U		TRG						SO			4.2	1.6	6.0	12.	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Chloroethane	75-00-3	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	2.0	7.5	15.	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Trichlorofluoromethane (Freon-11)	75-69-4	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	1.4	7.5	15.	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Trichlorofluoromethane (Freon-11)	75-69-4	6.0	6.0	UG_KG	U	U		TRG						SO			4.2	1.1	6.0	12.	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,1-Dichloroethene	75-35-4	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,1-Dichloroethene	75-35-4	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	1.1	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Carbon disulfide	75-15-0	2.5	2.5	UG_KG	J	J		TRG						SO			4.2	0.94	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Carbon disulfide	75-15-0	2.6	2.6	UG_KG	J	J		TRG						SO			4.2	1.2	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	1.1	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Methylene chloride	75-09-2	15	15	UG_KG	U	U		TRG						SO			4.2	9.5	15.	30.	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Methylene chloride	75-09-2	19	19	UG_KG	U	U		TRG						SO			4.2	12.	19.	38.	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Acetone	67-64-1	33	33	UG_KG				TRG						SO			4.2	6.1	15.	30.	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Acetone	67-64-1	70	70	UG_KG				TRG						SO			4.2	7.6	19.	38.	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		trans-1,2-Dichloroethene	156-60-5	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	0.85	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		trans-1,2-Dichloroethene	156-60-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.1	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Methyl-tert-butyl ether (MTBE)	1634-04-4	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.6	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Methyl-tert-butyl ether (MTBE)	1634-04-4	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	1.3	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,1-Dichloroethane	75-34-3	11	11	UG_KG				TRG						SO			4.2	2.0	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,1-Dichloroethane	75-34-3	10	10	UG_KG				TRG						SO			4.2	2.6	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		cis-1,2-Dichloroethene	156-59-2	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		cis-1,2-Dichloroethene	156-59-2	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	1.1	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Chloroform	67-66-3	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.52	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Chloroform	67-66-3	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	0.42	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Carbon tetrachloride	56-23-5	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	1.6	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Carbon tetrachloride	56-23-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	2.0	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,1,1-Trichloroethane	71-55-6	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	0.50	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,1,1-Trichloroethane	71-55-6	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.63	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		2-Butanone	78-93-3	15	15	UG_KG	U	U		TRG						SO			4.2	7.1	15.	30.	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		2-Butanone	78-93-3	19	19	UG_KG	U	U		TRG						SO			4.2	8.8	19.	38.	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Benzene	71-43-2	65	65	UG_KG				TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Benzene	71-43-2	59	59	UG_KG				TRG						SO			4.2	1.1	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Cyclohexane	110-82-7	96	96	UG_KG				TRG						SO			4.2	2.1	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Cyclohexane	110-82-7	120	120	UG_KG				TRG						SO			4.2	1.7	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,2-Dichloroethane	107-06-2	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	1.2	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,2-Dichloroethane	107-06-2	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.5	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Trichloroethene	79-01-6	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.88	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Trichloroethene	79-01-6	0.82	0.82	UG_KG	J	J		TRG						SO			4.2	0.71	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,2-Dichloropropane	78-87-5	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	1.7	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,2-Dichloropropane	78-87-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	2.1	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Bromodichloromethane	75-27-4	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.90	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Bromodichloromethane	75-27-4	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	0.72	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		cis-1,3-Dichloropropene	10061-01-	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.1	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		cis-1,3-Dichloropropene	10061-01-	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	0.86	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Toluene	108-88-3	22	22	UG_KG				TRG						SO			4.2	1.7	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Toluene	108-88-3	26	26	UG_KG				TRG						SO			4.2	2.1	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		4-Methyl-2-pentanone	108-10-1	19	19	UG_KG	U	U		TRG						SO			4.2	8.8	19.	38.	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		4-Methyl-2-pentanone	108-10-1	15	15	UG_KG	U	U		TRG						SO			4.2	7.1	15.	30.	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Tetrachloroethene	127-18-4	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	1.4	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Tetrachloroethene	127-18-4	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.8	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		trans-1,3-Dichloropropene	10061-02-	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.3	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		trans-1,3-Dichloropropene	10061-02-	3.0	3.0	UG_KG	UL	UL		TRG						SO			4.2	1.0	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,1,2-Trichloroethane	79-00-5	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	1.2	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,1,2-Trichloroethane	79-00-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Dibromochloromethane	124-48-1	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	1.2	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Dibromochloromethane	124-48-1	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.5	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,2-Dibromoethane	106-93-4	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	1.4	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,2-Dibromoethane	106-93-4	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.8	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		2-Hexanone	591-78-6	19	19	UG_KG	U	U		TRG						SO			4.2	7.2	19.	38.	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		2-Hexanone	591-78-6	15	15	UG_KG	U	U		TRG						SO			4.2	5.8	15.	30.	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Chlorobenzene	108-90-7	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	0.61	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Chlorobenzene	108-90-7	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.76	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Ethylbenzene	100-41-4	190	190	UG_KG				TRG						SO			4.2	0.78	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Ethylbenzene	100-41-4	210	210	UG_KG				TRG						SO			4.2	0.98	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Xylene, total	1330-20-7	40	40	UG_KG				TRG						SO			4.2	1.6	9.0	18.	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Xylene, total	1330-20-7	50	50	UG_KG				TRG						SO			4.2	2.0	11.	22.	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		m- and p-Xylene	m&pXYLEN	28	28	UG_KG				TRG						SO			4.2	2.6	7.5	15.	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		m- and p-Xylene	m&pXYLEN	23	23	UG_KG				TRG						SO			4.2	2.0	6.0	12.	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		o-Xylene	95-47-6	17	17	UG_KG				TRG						SO			4.2	1.6	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		o-Xylene	95-47-6	22	22	UG_KG				TRG						SO			4.2	2.0	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Styrene	100-42-5	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	0.61	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Styrene	100-42-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.76	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Bromoform	75-25-2	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.0	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Bromoform	75-25-2	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	0.84	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Isopropylbenzene	98-82-8	67	67	UG_KG				TRG						SO			4.2	1.1	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Isopropylbenzene	98-82-8	60	60	UG_KG				TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,1,2,2-Tetrachloroethane	79-34-5	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	1.0	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,1,2,2-Tetrachloroethane	79-34-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.3	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,3-Dichlorobenzene	541-73-1	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	0.74	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,3-Dichlorobenzene	541-73-1	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.93	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,4-Dichlorobenzene	106-46-7	1.2	1.2	UG_KG	J	J		TRG						SO			4.2	0.53	3.0	6.0	SK1680	WG201539		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017			20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,4-Dichlorobenzene	106-46-7	1.0	1.0	UG_KG	J	J		TRG						SO			4.2	0.66	3.8	7.5	SK1680	WG201121		
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017			20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,2-Dichlorobenzene	95-50-1	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	0.94	3.0	6.0	SK1680	WG201539		

N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,2-Dichlorobenzene	95-50-1	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.2	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,2-Dibromo-3-chloropropane	96-12-8	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	2.2	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,2-Dibromo-3-chloropropane	96-12-8	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	1.8	3.0	6.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,2,4-Trichlorobenzene	120-82-1	1.1	1.1	UG_KG	JL	JL		TRG						SO			4.2	0.95	3.0	6.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,2,4-Trichlorobenzene	120-82-1	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.2	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		1,2,3-Trichlorobenzene	87-61-6	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	0.91	3.0	6.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		1,2,3-Trichlorobenzene	87-61-6	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.1	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Bromochloromethane	74-97-5	3.0	3.0	UG_KG	U	U		TRG						SO			4.2	1.1	3.0	6.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Bromochloromethane	74-97-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Methyl acetate	79-20-9	14	14	UG_KG				TRG						SO			4.2	4.0	4.5	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Methyl acetate	79-20-9	8.8	8.8	UG_KG				TRG						SO			4.2	3.2	3.6	6.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	15:17:00	20170317	15:17:00	SK1680-2R	1	2	34.445		Methylcyclohexane	108-87-2	130	130	UG_KG				TRG						SO			4.2	1.2	3.0	6.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:45:00	20170310	15:45:00	SK1680-2	1	1	34.445		Methylcyclohexane	108-87-2	95	95	UG_KG				TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Dichlorodifluoromethane (Freon-12)	75-71-8	6.5	6.5	UG_KG	U	U		TRG						SO			4.2	1.2	6.5	13.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Dichlorodifluoromethane (Freon-12)	75-71-8	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	1.4	7.5	15.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Chloromethane	74-87-3	6.5	6.5	UG_KG	U	U		TRG						SO			4.2	1.8	6.5	13.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Chloromethane	74-87-3	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	2.1	7.5	15.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Vinyl chloride	75-01-4	6.5	6.5	UG_KG	U	U		TRG						SO			4.2	1.1	6.5	13.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Vinyl chloride	75-01-4	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	1.3	7.5	15.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Bromomethane	74-83-9	6.5	6.5	UG_KG	U	U		TRG						SO			4.2	1.4	6.5	13.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Bromomethane	74-83-9	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	1.6	7.5	15.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Chloroethane	75-00-3	6.5	6.5	UG_KG	U	U		TRG						SO			4.2	1.7	6.5	13.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Chloroethane	75-00-3	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	2.0	7.5	15.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Trichlorofluoromethane (Freon-11)	75-69-4	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	1.4	7.5	15.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Trichlorofluoromethane (Freon-11)	75-69-4	6.5	6.5	UG_KG	U	U		TRG						SO			4.2	1.2	6.5	13.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,1-Dichloroethene	75-35-4	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	1.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,1-Dichloroethene	75-35-4	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Carbon disulfide	75-15-0	2.0	2.0	UG_KG	J	J		TRG						SO			4.2	1.0	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Carbon disulfide	75-15-0	2.0	2.0	UG_KG	J	J		TRG						SO			4.2	1.2	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	1.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Methylene chloride	75-09-2	16	16	UG_KG	U	U		TRG						SO			4.2	10.	16.	32.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Methylene chloride	75-09-2	19	19	UG_KG	U	U		TRG						SO			4.2	12.	19.	38.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Acetone	67-64-1	56	56	UG_KG				TRG						SO			4.2	6.6	16.	32.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Acetone	67-64-1	43	43	UG_KG				TRG						SO			4.2	7.6	19.	38.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		trans-1,2-Dichloroethene	156-60-5	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	0.92	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		trans-1,2-Dichloroethene	156-60-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.1	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Methyl-tert-butyl ether (MTBE)	1634-04-4	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.6	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Methyl-tert-butyl ether (MTBE)	1634-04-4	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	1.4	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,1-Dichloroethane	75-34-3	11	11	UG_KG				TRG						SO			4.2	2.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,1-Dichloroethane	75-34-3	11	11	UG_KG				TRG						SO			4.2	2.6	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		cis-1,2-Dichloroethene	156-59-2	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		cis-1,2-Dichloroethene	156-59-2	1.3	1.3	UG_KG	J	J		TRG						SO			4.2	1.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Chloroform	67-66-3	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.52	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Chloroform	67-66-3	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	0.46	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Carbon tetrachloride	56-23-5	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	1.7	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Carbon tetrachloride	56-23-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	2.0	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,1,1-Trichloroethane	71-55-6	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	0.55	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,1,1-Trichloroethane	71-55-6	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.63	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		2-Butanone	78-93-3	19	19	UG_KG	U	U		TRG						SO			4.2	8.8	19.	38.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		2-Butanone	78-93-3	16	16	UG_KG	U	U		TRG						SO			4.2	7.7	16.	32.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Benzene	71-43-2	66	66	UG_KG				TRG						SO			4.2	1.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Benzene	71-43-2	58	58	UG_KG				TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Cyclohexane	110-82-7	110	110	UG_KG				TRG						SO			4.2	1.8	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Cyclohexane	110-82-7	120	120	UG_KG				TRG						SO			4.2	2.1	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,2-Dichloroethane	107-06-2	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	1.3	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,2-Dichloroethane	107-06-2	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.5	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Trichloroethene	79-01-6	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	0.77	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Trichloroethene	79-01-6	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.88	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,2-Dichloropropane	78-87-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	2.1	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,2-Dichloropropane	78-87-5	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	1.8	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Bromodichloromethane	75-27-4	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.90	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Bromodichloromethane	75-27-4	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	0.78	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		cis-1,3-Dichloropropene	10061-01-	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.1	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		cis-1,3-Dichloropropene	10061-01-	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	0.94	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Toluene	108-88-3	26	26	UG_KG				TRG						SO			4.2	1.8	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Toluene	108-88-3	24	24	UG_KG				TRG						SO			4.2	2.1	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		4-Methyl-2-pentanone	108-10-1	16	16	UG_KG	U	U		TRG						SO			4.2	7.7	16.	32.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		4-Methyl-2-pentanone	108-10-1	19	19	UG_KG	U	U		TRG						SO			4.2	8.8	19.	38.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Tetrachloroethene	127-18-4	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.8	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Tetrachloroethene	127-18-4	1.9	1.9	UG_KG	J	J		TRG						SO			4.2	1.6	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		trans-1,3-Dichloropropene	10061-02-	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	1.1	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		trans-1,3-Dichloropropene	10061-02-	3.8	3.8	UG_KG	UL	UL		TRG						SO			4.2	1.3	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,1,2-Trichloroethane	79-00-5	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	1.3	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,1,2-Trichloroethane	79-00-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Dibromochloromethane	124-48-1	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	1.3	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Dibromochloromethane	124-48-1	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.5	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,2-Dibromoethane	106-93-4	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	1.6	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,2-Dibromoethane	106-93-4	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.8	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		2-Hexanone	591-78-6	19	19	UG_KG	U	U		TRG						SO			4.2	7.2	19.	38.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		2-Hexanone	591-78-6	16	16	UG_KG	U	U		TRG						SO			4.2	6.2	16.	32.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Chlorobenzene	108-90-7	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.76	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Chlorobenzene	108-90-7	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	0.66	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Ethylbenzene	100-41-4	240	240	UG_KG				TRG						SO			4.2	0.84	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Ethylbenzene	100-41-4	180	180	UG_KG				TRG						SO			4.2	0.98	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Xylene, total	1330-20-7	59	59	UG_KG				TRG						SO			4.2	1.7	9.8	20.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Xylene, total	1330-20-7	41	41	UG_KG				TRG						SO			4.2	2.0	11.	22.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		m- and p-Xylene	m&pXYLEN	24	24	UG_KG				TRG						SO			4.2	2.6	7.5	15.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		m- and p-Xylene	m&pXYLEN	34	34	UG_KG				TRG						SO			4.2	2.2	6.5	13.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		o-Xylene	95-47-6	24	24	UG_KG				TRG						SO			4.2	1.7	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		o-Xylene	95-47-6	17	17	UG_KG				TRG						SO			4.2	2.0	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Styrene	100-42-5	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	0.66	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Styrene	100-42-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.76	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Bromoform	75-25-2	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.0	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Bromoform	75-25-2	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	0.91	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Isopropylbenzene	98-82-8	85	85	UG_KG				TRG						SO			4.2	1.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Isopropylbenzene	98-82-8	68	68	UG_KG				TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,1,2,2-Tetrachloroethane	79-34-5	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	1.1	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,1,2,2-Tetrachloroethane	79-34-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.3	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,3-Dichlorobenzene	541-73-1	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	0.81	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,3-Dichlorobenzene	541-73-1	1.4	1.4	UG_KG	J	J		TRG						SO			4.2	0.93	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,4-Dichlorobenzene	106-46-7	1.4	1.4	UG_KG	J	J		TRG						SO			4.2	0.57	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,4-Dichlorobenzene	106-46-7	2.0	2.0	UG_KG	J	J		TRG						SO			4.2	0.66	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,2-Dichlorobenzene	95-50-1	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	1.0	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,2-Dichlorobenzene	95-50-1	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.2	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,2-Dibromo-3-chloropropane	96-12-8	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	2.2	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,2-Dibromo-3-chloropropane	96-12-8	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	2.0	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,2,4-Trichlorobenzene	120-82-1	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	1.0	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,2,4-Trichlorobenzene	120-82-1	1.3	1.3	UG_KG	JL	JL		TRG						SO			4.2	1.2	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		1,2,3-Trichlorobenzene	87-61-6	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	0.99	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		1,2,3-Trichlorobenzene	87-61-6	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.1	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Bromochloromethane	74-97-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Bromochloromethane	74-97-5	3.2	3.2	UG_KG	U	U		TRG						SO			4.2	1.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Methyl acetate	79-20-9	20	20	UG_KG				TRG						SO			4.2	3.5	3.9	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Methyl acetate	79-20-9	16	16	UG_KG				TRG						SO			4.2	4.0	4.5	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	15:08:00	20170310	15:08:00	SK1680-1	1	1	34.371		Methylcyclohexane	108-87-2	120	120	UG_KG				TRG						SO			4.2	1.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	RA0	REG	S	4	03/03/201	03/06/2017		20170317	14:39:00	20170317	14:39:00	SK1680-1R	1	2	34.371		Methylcyclohexane	108-87-2	170	170	UG_KG				TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Dichlorodifluoromethane (Freon-12)	75-71-8	55.	55.	UG_KG				TRG		MSA	135	35	20091101				4.2	1.2	6.5	13.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Chloromethane	74-87-3	56.	56.	UG_KG				TRG		MSA	130	50	20091101				4.2	1.8	6.5	13.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Vinyl chloride	75-01-4	59.	59.	UG_KG				TRG		MSA	125	60	20091101				4.2	1.1	6.5	13.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Bromomethane	74-83-9	59.	59.	UG_KG				TRG		MSA	160	30	20091101				4.2	1.4	6.5	13.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Chloroethane	75-00-3	59.	59.	UG_KG				TRG		MSA	155	40	20091101				4.2	1.7	6.5	13.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Trichlorofluoromethane (Freon-11)	75-69-4	61.	61.	UG_KG				TRG		MSA	185	25	20091101				4.2	1.2	6.5	13.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,1-Dichloroethene	75-35-4	73.	73.	UG_KG				TRG		MSA	135	65	20091101				4.2	1.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Carbon disulfide	75-15-0	78.	78.	UG_KG				TRG		MSA	160	45	20091101				4.2	1.0	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	76.	76.	UG_KG				TRG		MSA	135	67	20091101				4.2	1.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Methylene chloride	75-09-2	65.	65.	UG_KG				TRG		MSA	140	55	20091101				4.2	10.	16.	32.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Acetone	67-64-1	83.	83.	UG_KG	*	*		TRG		MSA	160	20	20091101				4.2	6.6	16.	32.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		trans-1,2-Dichloroethene	156-60-5	69.	69.	UG_KG				TRG		MSA	135	65	20091101				4.2	0.92	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Methyl-tert-butyl ether (MTBE)	1634-04-4	130	130	UG_KG				TRG		MSA	125	81	20091101				4.2	1.4	3.2	6.5	SK1680	WG201121	

N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,1-Dichloroethane	75-34-3	71.	71.	UG_KG				TRG		MSA	125	75	20091101				4.2	2.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		cis-1,2-Dichloroethene	156-59-2	61.	61.	UG_KG				TRG		MSA	125	65	20091101				4.2	1.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Chloroform	67-66-3	65.	65.	UG_KG				TRG		MSA	125	70	20091101				4.2	0.46	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Carbon tetrachloride	56-23-5	68.	68.	UG_KG				TRG		MSA	135	65	20091101				4.2	1.7	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,1,1-Trichloroethane	71-55-6	66.	66.	UG_KG				TRG		MSA	135	70	20091101				4.2	0.55	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		2-Butanone	78-93-3	56.	56.	UG_KG				TRG		MSA	160	30	20091101				4.2	7.7	16.	32.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Benzene	71-43-2	63.	63.	UG_KG				TRG		MSA	125	75	20091101				4.2	1.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Cyclohexane	110-82-7	68.	68.	UG_KG				TRG		MSA	128	75	20091101				4.2	1.8	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,2-Dichloroethane	107-06-2	61.	61.	UG_KG				TRG		MSA	135	70	20091101				4.2	1.3	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Trichloroethene	79-01-6	59.	59.	UG_KG				TRG		MSA	125	75	20091101				4.2	0.77	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,2-Dichloropropane	78-87-5	61.	61.	UG_KG				TRG		MSA	120	70	20091101				4.2	1.8	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Bromodichloromethane	75-27-4	58.	58.	UG_KG				TRG		MSA	130	70	20091101				4.2	0.78	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		cis-1,3-Dichloropropene	10061-01-	52.	52.	UG_KG				TRG		MSA	125	70	20091101				4.2	0.94	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Toluene	108-88-3	53.	53.	UG_KG				TRG		MSA	125	70	20091101				4.2	1.8	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		4-Methyl-2-pentanone	108-10-1	52.	52.	UG_KG				TRG		MSA	145	45	20091101				4.2	7.7	16.	32.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Tetrachloroethene	127-18-4	57.	57.	UG_KG				TRG		MSA	140	65	20091101				4.2	1.6	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		trans-1,3-Dichloropropene	10061-02-	50.	50.	UG_KG				TRG		MSA	125	65	20091101				4.2	1.1	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,1,2-Trichloroethane	79-00-5	55.	55.	UG_KG				TRG		MSA	125	60	20091101				4.2	1.3	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Dibromochloromethane	124-48-1	54.	54.	UG_KG				TRG		MSA	130	65	20091101				4.2	1.3	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,2-Dibromoethane	106-93-4	50.	50.	UG_KG				TRG		MSA	125	70	20091101				4.2	1.6	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		2-Hexanone	591-78-6	50.	50.	UG_KG				TRG		MSA	145	45	20091101				4.2	6.2	16.	32.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Chlorobenzene	108-90-7	48.	48.	UG_KG	*	*		TRG		MSA	125	75	20091101				4.2	0.66	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Ethylbenzene	100-41-4	48.	48.	UG_KG	*	*		TRG		MSA	125	75	20091101				4.2	0.84	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Xylene, total	1330-20-7	140	140	UG_KG	*	*		TRG		MSA	114	81	20091101				4.2	1.7	9.8	20.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		m- and p-Xylene	m&pXYLEN	93.	93.	UG_KG	*	*		TRG		MSA	125	80	20091101				4.2	2.2	6.5	13.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		o-Xylene	95-47-6	46.	46.	UG_KG	*	*		TRG		MSA	125	75	20091101				4.2	1.7	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Styrene	100-42-5	26.	26.	UG_KG	*	*		TRG		MSA	125	75	20091101				4.2	0.66	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Bromoform	75-25-2	46.	46.	UG_KG				TRG		MSA	135	55	20091101				4.2	0.91	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Isopropylbenzene	98-82-8	52.	52.	UG_KG				TRG		MSA	130	75	20091101				4.2	1.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,1,2,2-Tetrachloroethane	79-34-5	52.	52.	UG_KG				TRG		MSA	130	55	20091101				4.2	1.1	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,3-Dichlorobenzene	541-73-1	36.	36.	UG_KG	*	*		TRG		MSA	125	70	20091101				4.2	0.81	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,4-Dichlorobenzene	106-46-7	36.	36.	UG_KG	*	*		TRG		MSA	125	70	20091101				4.2	0.57	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,2-Dichlorobenzene	95-50-1	34.	34.	UG_KG	*	*		TRG		MSA	120	75	20091101				4.2	1.0	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,2-Dibromo-3-chloropropane	96-12-8	42.	42.	UG_KG				TRG		MSA	135	40	20091101				4.2	2.0	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,2,4-Trichlorobenzene	120-82-1	20.	20.	UG_KG	*	*		TRG		MSA	130	65	20091101				4.2	1.0	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		1,2,3-Trichlorobenzene	87-61-6	19.	19.	UG_KG	*	*		TRG		MSA	135	60	20091101				4.2	0.99	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Bromochloromethane	74-97-5	65.	65.	UG_KG				TRG		MSA	125	70	20091101				4.2	1.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Methyl acetate	79-20-9	54.	54.	UG_KG				TRG		MSA	133	72	20091101				4.2	3.5	3.9	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-MS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MS	S	4	03/03/201	03/06/2017		20170310	19:28:00	20170310	19:28:00	WG20112	1	1	24.344		Methylcyclohexane	108-87-2	69.	69.	UG_KG				TRG		MSA	127	71	20091101				4.2	1.2	3.2	6.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Dichlorodifluoromethane (Freon-12)	75-71-8	68.	68.	UG_KG				TRG		MSA	135	35	20091101				4.2	1.4	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Chloromethane	74-87-3	70.	70.	UG_KG				TRG		MSA	130	50	20091101				4.2	2.1	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Vinyl chloride	75-01-4	73.	73.	UG_KG				TRG		MSA	125	60	20091101				4.2	1.3	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Bromomethane	74-83-9	72.	72.	UG_KG				TRG		MSA	160	30	20091101				4.2	1.6	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Chloroethane	75-00-3	75.	75.	UG_KG				TRG		MSA	155	40	20091101				4.2	2.0	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Trichlorofluoromethane (Freon-11)	75-69-4	75.	75.	UG_KG				TRG		MSA	185	25	20091101				4.2	1.4	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,1-Dichloroethene	75-35-4	90.	90.	UG_KG				TRG		MSA	135	65	20091101				4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Carbon disulfide	75-15-0	98.	98.	UG_KG				TRG		MSA	160	45	20091101				4.2	1.2	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	97.	97.	UG_KG				TRG		MSA	135	67	20091101				4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Methylene chloride	75-09-2	84.	84.	UG_KG				TRG		MSA	140	55	20091101				4.2	12.	19.	38.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Acetone	67-64-1	110	110	UG_KG	*	*		TRG		MSA	160	20	20091101				4.2	7.6	19.	38.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		trans-1,2-Dichloroethene	156-60-5	87.	87.	UG_KG				TRG		MSA	135	65	20091101				4.2	1.1	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Methyl-tert-butyl ether (MTBE)	1634-04-4	170	170	UG_KG				TRG		MSA	125	81	20091101				4.2	1.6	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,1-Dichloroethane	75-34-3	91.	91.	UG_KG				TRG		MSA	125	75	20091101				4.2	2.6	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		cis-1,2-Dichloroethene	156-59-2	78.	78.	UG_KG				TRG		MSA	125	65	20091101				4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Chloroform	67-66-3	83.	83.	UG_KG				TRG		MSA	125	70	20091101				4.2	0.52	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Carbon tetrachloride	56-23-5	80.	80.	UG_KG				TRG		MSA	135	65	20091101				4.2	2.0	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,1,1-Trichloroethane	71-55-6	82.	82.	UG_KG				TRG		MSA	135	70	20091101				4.2	0.63	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		2-Butanone	78-93-3	68.	68.	UG_KG				TRG		MSA	160	30	20091101				4.2	8.8	19.	38.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Benzene	71-43-2	77.	77.	UG_KG				TRG		MSA	125	75	20091101				4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Cyclohexane	110-82-7	84.	84.	UG_KG				TRG		MSA	128	75	20091101				4.2	2.1	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,2-Dichloroethane	107-06-2	75.	75.	UG_KG				TRG		MSA	135	70	20091101				4.2	1.5	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Trichloroethene	79-01-6	76.	76.	UG_KG				TRG		MSA	125	75	20091101				4.2	0.88	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,2-Dichloropropane	78-87-5	74.	74.	UG_KG				TRG		MSA	120	70	20091101				4.2	2.1	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Bromodichloromethane	75-27-4	71.	71.	UG_KG				TRG		MSA	130	70	20091101				4.2	0.90	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		cis-1,3-Dichloropropene	10061-01-	63.	63.	UG_KG				TRG		MSA	125	70	20091101				4.2	1.1	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Toluene	108-88-3	62.	62.	UG_KG				TRG		MSA	125	70	20091101				4.2	2.1	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		4-Methyl-2-pentanone	108-10-1	60.	60.	UG_KG				TRG		MSA	145	45	20091101				4.2	8.8	19.	38.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Tetrachloroethene	127-18-4	91.	91.	UG_KG				TRG		MSA	140	65	20091101				4.2	1.8	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		trans-1,3-Dichloropropene	10061-02-	58.	58.	UG_KG				TRG		MSA	125	65	20091101				4.2	1.3	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,1,2-Trichloroethane	79-00-5	65.	65.	UG_KG				TRG		MSA	125	60	20091101				4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Dibromochloromethane	124-48-1	83.	83.	UG_KG				TRG		MSA	130	65	20091101				4.2	1.5	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,2-Dibromoethane	106-93-4	57.	57.	UG_KG				TRG		MSA	125	70	20091101				4.2	1.8	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		2-Hexanone	591-78-6	73.	73.	UG_KG				TRG		MSA	145	45	20091101				4.2	7.2	19.	38.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Chlorobenzene	108-90-7	72.	72.	UG_KG				TRG		MSA	125	75	20091101				4.2	0.76	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Ethylbenzene	100-41-4	74.	74.	UG_KG				TRG		MSA	125	75	20091101				4.2	0.98	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Xylene, total	1330-20-7	210	210	UG_KG				TRG		MSA	114	81	20091101				4.2	2.0	11.	22.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		m- and p-Xylene	m&pXYLEN	140	140	UG_KG				TRG		MSA	125	80	20091101				4.2	2.6	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		o-Xylene	95-47-6	67.	67.	UG_KG				TRG		MSA	125	75	20091101				4.2	2.0	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Styrene	100-42-5	44.	44.	UG_KG	*	*		TRG		MSA	125	75	20091101				4.2	0.76	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Bromoform	75-25-2	62.	62.	UG_KG				TRG		MSA	135	55	20091101				4.2	1.0	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Isopropylbenzene	98-82-8	140	140	UG_KG	*	*		TRG		MSA	130	75	20091101				4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,1,2,2-Tetrachloroethane	79-34-5	120	120	UG_KG	*	*		TRG		MSA	130	55	20091101				4.2	1.3	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,3-Dichlorobenzene	541-73-1	79.	79.	UG_KG				TRG		MSA	125	70	20091101				4.2	0.93	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,4-Dichlorobenzene	106-46-7	74.	74.	UG_KG				TRG		MSA	125	70	20091101				4.2	0.66	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,2-Dichlorobenzene	95-50-1	72.	72.	UG_KG				TRG		MSA	120	75	20091101				4.2	1.2	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,2-Dibromo-3-chloropropane	96-12-8	77.	77.	UG_KG				TRG		MSA	135	40	20091101				4.2	2.2	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,2,4-Trichlorobenzene	120-82-1	42.	42.	UG_KG	*	*		TRG		MSA	130	65	20091101				4.2	1.2	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		1,2,3-Trichlorobenzene	87-61-6	37.	37.	UG_KG	*	*		TRG		MSA	135	60	20091101				4.2	1.1	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Bromochloromethane	74-97-5	83.	83.	UG_KG				TRG		MSA	125	70	20091101				4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Methyl acetate	79-20-9	74.	74.	UG_KG				TRG		MSA	133	72	20091101				4.2	4.0	4.5	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-SD	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	MSD	S	4	03/03/201	03/06/2017		20170310	20:06:00	20170310	20:06:00	WG20112	1	1	24.344		Methylcyclohexane	108-87-2	85.	85.	UG_KG				TRG		MSA	127	71	20091101				4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Dichlorodifluoromethane (Freon-12)	75-71-8	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	1.4	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Chloromethane	74-87-3	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	2.1	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Vinyl chloride	75-01-4	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	1.3	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Bromomethane	74-83-9	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	1.6	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Chloroethane	75-00-3	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	2.0	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Trichlorofluoromethane (Freon-11)	75-69-4	7.5	7.5	UG_KG	U	U		TRG						SO			4.2	1.4	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,1-Dichloroethene	75-35-4	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Carbon disulfide	75-15-0	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.2	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Methylene chloride	75-09-2	19	19	UG_KG	U	U		TRG						SO			4.2	12.	19.	38.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Acetone	67-64-1	120	120	UG_KG	MM	MM		TRG						SO			4.2	7.6	19.	38.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		trans-1,2-Dichloroethene	156-60-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.1	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Methyl-tert-butyl ether (MTBE)	1634-04-4	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.6	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,1-Dichloroethane	75-34-3	9.4	9.4	UG_KG				TRG						SO			4.2	2.6	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		cis-1,2-Dichloroethene	156-59-2	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Chloroform	67-66-3	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.52	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Carbon tetrachloride	56-23-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	2.0	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,1,1-Trichloroethane	71-55-6	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.63	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		2-Butanone	78-93-3	19	19	UG_KG	U	U		TRG						SO			4.2	8.8	19.	38.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Benzene	71-43-2	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Cyclohexane	110-82-7	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	2.1	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,2-Dichloroethane	107-06-2	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.5	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Trichloroethene	79-01-6	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.88	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,2-Dichloropropane	78-87-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	2.1	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Bromodichloromethane	75-27-4	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	0.90	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		cis-1,3-Dichloropropene	10061-01-	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.1	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Toluene	108-88-3	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	2.1	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		4-Methyl-2-pentanone	108-10-1	19	19	UG_KG	U	U		TRG						SO			4.2	8.8	19.	38.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Tetrachloroethene	127-18-4	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.8	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		trans-1,3-Dichloropropene	10061-02-	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.3	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,1,2-Trichloroethane	79-00-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Dibromochloromethane	124-48-1	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.5	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,2-Dibromoethane	106-93-4	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.8	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		2-Hexanone	591-78-6	19	19	UG_KG	U	U		TRG						SO			4.2	7.2	19.	38.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Chlorobenzene	108-90-7	3.8	3.8	UG_KG	UM	UM		TRG						SO			4.2	0.76	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Ethylbenzene	100-41-4	3.8	3.8	UG_KG	UM	UM		TRG						SO			4.2	0.98	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Xylene, total	1330-20-7	11	11	UG_KG	UM	UM		TRG						SO			4.2	2.0	11.	22.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		m- and p-Xylene	m&pXYLEN	7.5	7.5	UG_KG	UM	UM		TRG						SO			4.2	2.6	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		o-Xylene	95-47-6	3.8	3.8	UG_KG	UM	UM		TRG						SO			4.2	2.0	3.8	7.5	SK1680	WG201121	

N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Styrene	100-42-5	3.8	3.8	UG_KG	UMM	UMM		TRG						SO			4.2	0.76	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Bromoform	75-25-2	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.0	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Isopropylbenzene	98-82-8	3.8	3.8	UG_KG	UM	UM		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,1,2,2-Tetrachloroethane	79-34-5	3.8	3.8	UG_KG	UM	UM		TRG						SO			4.2	1.3	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,3-Dichlorobenzene	541-73-1	3.8	3.8	UG_KG	UM	UM		TRG						SO			4.2	0.93	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,4-Dichlorobenzene	106-46-7	3.8	3.8	UG_KG	UM	UM		TRG						SO			4.2	0.66	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,2-Dichlorobenzene	95-50-1	3.8	3.8	UG_KG	UM	UM		TRG						SO			4.2	1.2	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,2-Dibromo-3-chloropropane	96-12-8	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	2.2	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,2,4-Trichlorobenzene	120-82-1	3.8	3.8	UG_KG	UMM	UMM		TRG						SO			4.2	1.2	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		1,2,3-Trichlorobenzene	87-61-6	3.8	3.8	UG_KG	UMM	UMM		TRG						SO			4.2	1.1	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Bromochloromethane	74-97-5	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Methyl acetate	79-20-9	4.5	4.5	UG_KG	U	U		TRG						SO			4.2	4.0	4.5	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	16:22:00	20170310	16:22:00	SK1680-3	1	1	24.344		Methylcyclohexane	108-87-2	3.8	3.8	UG_KG	U	U		TRG						SO			4.2	1.4	3.8	7.5	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Dichlorodifluoromethane (Freon-12)	75-71-8	5.0	5.0	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.92	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Chloromethane	74-87-3	5.0	5.0	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.4	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Vinyl chloride	75-01-4	5.0	5.0	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.87	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Bromomethane	74-83-9	5.0	5.0	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.1	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Chloroethane	75-00-3	5.0	5.0	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.3	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Trichlorofluoromethane (Freon-11)	75-69-4	5.0	5.0	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.91	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,1-Dichloroethene	75-35-4	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.93	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Carbon disulfide	75-15-0	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.78	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.90	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Methylene chloride	75-09-2	12	12	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	7.9	12.	25.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Acetone	67-64-1	12	12	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	5.1	12.	25.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			trans-1,2-Dichloroethene	156-60-5	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.71	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Methyl-tert-butyl ether (MTBE)	1634-04-4	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.1	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,1-Dichloroethane	75-34-3	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.7	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			cis-1,2-Dichloroethene	156-59-2	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.91	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Chloroform	67-66-3	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.35	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Carbon tetrachloride	56-23-5	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.3	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,1,1-Trichloroethane	71-55-6	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.42	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			2-Butanone	78-93-3	12	12	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	5.9	12.	25.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Benzene	71-43-2	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.92	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Cyclohexane	110-82-7	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.4	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,2-Dichloroethane	107-06-2	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.0	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Trichloroethene	79-01-6	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.59	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,2-Dichloropropane	78-87-5	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.4	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Bromodichloromethane	75-27-4	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.60	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			cis-1,3-Dichloropropene	10061-01-	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.72	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Toluene	108-88-3	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.4	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			4-Methyl-2-pentanone	108-10-1	12	12	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	5.9	12.	25.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Tetrachloroethene	127-18-4	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.2	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			trans-1,3-Dichloropropene	10061-02-	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.86	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,1,2-Trichloroethane	79-00-5	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.97	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Dibromochloromethane	124-48-1	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.0	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,2-Dibromoethane	106-93-4	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.2	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			2-Hexanone	591-78-6	12	12	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	4.8	12.	25.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Chlorobenzene	108-90-7	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.51	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Ethylbenzene	100-41-4	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.65	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Xylene, total	1330-20-7	7.5	7.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.3	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			m- and p-Xylene	m&pXYLEN	5.0	5.0	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.7	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			o-Xylene	95-47-6	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.3	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Styrene	100-42-5	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.51	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Bromoform	75-25-2	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.70	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Isopropylbenzene	98-82-8	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.92	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,1,2,2-Tetrachloroethane	79-34-5	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.84	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,3-Dichlorobenzene	541-73-1	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.62	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,4-Dichlorobenzene	106-46-7	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.44	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,2-Dichlorobenzene	95-50-1	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.78	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,2-Dibromo-3-chloropropane	96-12-8	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	1.5	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,2,4-Trichlorobenzene	120-82-1	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.79	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			1,2,3-Trichlorobenzene	87-61-6	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.76	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Bromochloromethane	74-97-5	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.91	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Methyl acetate	79-20-9	3.0	3.0	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	2.7	3.0	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-TB02-0317	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	REG	S	4	03/03/201	03/06/2017		20170310	12:02:00	20170310	12:02:00	SK1680-5	1	1			Methylcyclohexane	108-87-2	2.5	2.5	UG_KG	U	U		TRG						AQ (Field Blanks)			4.2	0.96	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Dichlorodifluoromethane (Freon-12)	75-71-8	5.0	5.0	UG_KG	U	U		TRG									4.2	0.92	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Chloromethane	74-87-3	5.0	5.0	UG_KG	U	U		TRG									4.2	1.4	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Vinyl chloride	75-01-4	5.0	5.0	UG_KG	U	U		TRG									4.2	0.87	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Bromomethane	74-83-9	5.0	5.0	UG_KG	U	U		TRG									4.2	1.1	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Chloroethane	75-00-3	5.0	5.0	UG_KG	U	U		TRG									4.2	1.3	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Trichlorofluoromethane (Freon-11)	75-69-4	5.0	5.0	UG_KG	U	U		TRG									4.2	0.91	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,1-Dichloroethene	75-35-4	2.5	2.5	UG_KG	U	U		TRG									4.2	0.93	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Carbon disulfide	75-15-0	2.5	2.5	UG_KG	U	U		TRG									4.2	0.78	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	2.5	2.5	UG_KG	U	U		TRG									4.2	0.90	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Methylene chloride	75-09-2	12	12	UG_KG	U	U		TRG									4.2	7.9	12.	25.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Acetone	67-64-1	12	12	UG_KG	U	U		TRG									4.2	5.1	12.	25.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			trans-1,2-Dichloroethene	156-60-5	2.5	2.5	UG_KG	U	U		TRG									4.2	0.71	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Methyl-tert-butyl ether (MTBE)	1634-04-4	2.5	2.5	UG_KG	U	U		TRG									4.2	1.1	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,1-Dichloroethane	75-34-3	2.5	2.5	UG_KG	U	U		TRG									4.2	1.7	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			cis-1,2-Dichloroethene	156-59-2	2.5	2.5	UG_KG	U	U		TRG									4.2	0.91	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Chloroform	67-66-3	2.5	2.5	UG_KG	U	U		TRG									4.2	0.35	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Carbon tetrachloride	56-23-5	2.5	2.5	UG_KG	U	U		TRG									4.2	1.3	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,1,1-Trichloroethane	71-55-6	2.5	2.5	UG_KG	U	U		TRG									4.2	0.42	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			2-Butanone	78-93-3	12	12	UG_KG	U	U		TRG									4.2	5.9	12.	25.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Benzene	71-43-2	2.5	2.5	UG_KG	U	U		TRG									4.2	0.92	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Cyclohexane	110-82-7	2.5	2.5	UG_KG	U	U		TRG									4.2	1.4	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,2-Dichloroethane	107-06-2	2.5	2.5	UG_KG	U	U		TRG									4.2	1.0	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Trichloroethene	79-01-6	2.5	2.5	UG_KG	U	U		TRG									4.2	0.59	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,2-Dichloropropane	78-87-5	2.5	2.5	UG_KG	U	U		TRG									4.2	1.4	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Bromodichloromethane	75-27-4	2.5	2.5	UG_KG	U	U		TRG									4.2	0.60	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			cis-1,3-Dichloropropene	10061-01-	2.5	2.5	UG_KG	U	U		TRG									4.2	0.72	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Toluene	108-88-3	2.5	2.5	UG_KG	U	U		TRG									4.2	1.4	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			4-Methyl-2-pentanone	108-10-1	12	12	UG_KG	U	U		TRG									4.2	5.9	12.	25.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Tetrachloroethene	127-18-4	2.5	2.5	UG_KG	U	U		TRG									4.2	1.2	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			trans-1,3-Dichloropropene	10061-02-	2.5	2.5	UG_KG	U	U		TRG									4.2	0.86	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,1,2-Trichloroethane	79-00-5	2.5	2.5	UG_KG	U	U		TRG									4.2	0.97	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Dibromochloromethane	124-48-1	2.5	2.5	UG_KG	U	U		TRG									4.2	1.0	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,2-Dibromoethane	106-93-4	2.5	2.5	UG_KG	U	U		TRG									4.2	1.2	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			2-Hexanone	591-78-6	12	12	UG_KG	U	U		TRG									4.2	4.8	12.	25.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Chlorobenzene	108-90-7	2.5	2.5	UG_KG	U	U		TRG									4.2	0.51	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Ethylbenzene	100-41-4	2.5	2.5	UG_KG	U	U		TRG									4.2	0.65	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Xylene, total	1330-20-7	7.5	7.5	UG_KG	U	U		TRG									4.2	1.3	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			m- and p-Xylene	m&pXYLEN	5.0	5.0	UG_KG	U	U		TRG									4.2	1.7	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			o-Xylene	95-47-6	2.5	2.5	UG_KG	U	U		TRG									4.2	1.3	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Styrene	100-42-5	2.5	2.5	UG_KG	U	U		TRG									4.2	0.51	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Bromoform	75-25-2	2.5	2.5	UG_KG	U	U		TRG									4.2	0.70	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Isopropylbenzene	98-82-8	2.5	2.5	UG_KG	U	U		TRG									4.2	0.92	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,1,2,2-Tetrachloroethane	79-34-5	2.5	2.5	UG_KG	U	U		TRG									4.2	0.84	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,3-Dichlorobenzene	541-73-1	2.5	2.5	UG_KG	U	U		TRG									4.2	0.62	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,4-Dichlorobenzene	106-46-7	2.5	2.5	UG_KG	U	U		TRG									4.2	0.44	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,2-Dichlorobenzene	95-50-1	2.5	2.5	UG_KG	U	U		TRG									4.2	0.78	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,2-Dibromo-3-chloropropane	96-12-8	2.5	2.5	UG_KG	U	U		TRG									4.2	1.5	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,2,4-Trichlorobenzene	120-82-1	2.5	2.5	UG_KG	U	U		TRG									4.2	0.79	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			1,2,3-Trichlorobenzene	87-61-6	2.5	2.5	UG_KG	U	U		TRG									4.2	0.76	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Bromochloromethane	74-97-5	2.5	2.5	UG_KG	U	U		TRG									4.2	0.91	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Methyl acetate	79-20-9	3.0	3.0	UG_KG	U	U		TRG									4.2	2.7	3.0	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/10/201	03/10/2017		20170310	11:16:00	20170310	11:16:00	WG20112	1	1			Methylcyclohexane	108-87-2	2.5	2.5	UG_KG	U	U		TRG									4.2	0.96	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Dichlorodifluoromethane (Freon-12)	75-71-8	36.2	36.2	UG_KG				TRG		LSA	135	35	20091101				4.2	0.92	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Chloromethane	74-87-3	38.4	38.4	UG_KG				TRG		LSA	130	50	20091101				4.2	1.4	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Vinyl chloride	75-01-4	39.9	39.9	UG_KG				TRG		LSA	125	60	20091101				4.2	0.87	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Bromomethane	74-83-9	44.1	44.1	UG_KG				TRG		LSA	160	30	20091101				4.2	1.1	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Chloroethane	75-00-3	40.8	40.8	UG_KG				TRG		LSA	155	40	20091101				4.2	1.3	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Trichlorofluoromethane (Freon-11)	75-69-4	40.1	40.1	UG_KG				TRG		LSA	185	25	20091101				4.2	0.91	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,1-Dichloroethene	75-35-4	50.5	50.5	UG_KG				TRG		LSA	135	65	20091101				4.2	0.93	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Carbon disulfide	75-15-0	58.0	58.0	UG_KG				TRG		LSA	160	45	20091101				4.2	0.78	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	50.8	50.8	UG_KG				TRG		LSA	135	67	20091101				4.2	0.90	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Methylene chloride	75-09-2	50.8	50.8	UG_KG				TRG		LSA	140	55	20091101				4.2	7.9	12.	25.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Acetone	67-64-1	65.4	65.4	UG_KG				TRG		LSA	160	20	20091101				4.2	5.1	12.	25.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			trans-1,2-Dichloroethene	156-60-5	53.4	53.4	UG_KG				TRG		LSA	135	65	20091101				4.2	0.71	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Methyl-tert-butyl ether (MTBE)	1634-04-4	103.	103.	UG_KG				TRG		LSA	125	81	20091101				4.2	1.1	2.5	5.0	SK1680	WG201121	

N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,1-Dichloroethane	75-34-3	50.4	50.4	UG_KG				TRG		LSA	125	75	20091101				4.2	1.7	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			cis-1,2-Dichloroethene	156-59-2	48.2	48.2	UG_KG				TRG		LSA	125	65	20091101				4.2	0.91	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Chloroform	67-66-3	50.6	50.6	UG_KG				TRG		LSA	125	70	20091101				4.2	0.35	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Carbon tetrachloride	56-23-5	54.3	54.3	UG_KG				TRG		LSA	135	65	20091101				4.2	1.3	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,1,1-Trichloroethane	71-55-6	49.2	49.2	UG_KG				TRG		LSA	135	70	20091101				4.2	0.42	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			2-Butanone	78-93-3	53.5	53.5	UG_KG				TRG		LSA	160	30	20091101				4.2	5.9	12.	25.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Benzene	71-43-2	51.1	51.1	UG_KG				TRG		LSA	125	75	20091101				4.2	0.92	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Cyclohexane	110-82-7	49.4	49.4	UG_KG				TRG		LSA	128	75	20091101				4.2	1.4	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,2-Dichloroethane	107-06-2	51.9	51.9	UG_KG				TRG		LSA	135	70	20091101				4.2	1.0	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Trichloroethene	79-01-6	53.9	53.9	UG_KG				TRG		LSA	125	75	20091101				4.2	0.59	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,2-Dichloropropane	78-87-5	51.1	51.1	UG_KG				TRG		LSA	120	70	20091101				4.2	1.4	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Bromodichloromethane	75-27-4	52.1	52.1	UG_KG				TRG		LSA	130	70	20091101				4.2	0.60	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			cis-1,3-Dichloropropene	10061-01-	52.2	52.2	UG_KG				TRG		LSA	125	70	20091101				4.2	0.72	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Toluene	108-88-3	49.8	49.8	UG_KG				TRG		LSA	125	70	20091101				4.2	1.4	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			4-Methyl-2-pentanone	108-10-1	52.5	52.5	UG_KG				TRG		LSA	145	45	20091101				4.2	5.9	12.	25.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Tetrachloroethene	127-18-4	55.6	55.6	UG_KG				TRG		LSA	140	65	20091101				4.2	1.2	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			trans-1,3-Dichloropropene	10061-02-	55.4	55.4	UG_KG				TRG		LSA	125	65	20091101				4.2	0.86	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,1,2-Trichloroethane	79-00-5	53.2	53.2	UG_KG				TRG		LSA	125	60	20091101				4.2	0.97	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Dibromochloromethane	124-48-1	57.2	57.2	UG_KG				TRG		LSA	130	65	20091101				4.2	1.0	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,2-Dibromoethane	106-93-4	52.8	52.8	UG_KG				TRG		LSA	125	70	20091101				4.2	1.2	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			2-Hexanone	591-78-6	55.8	55.8	UG_KG				TRG		LSA	145	45	20091101				4.2	4.8	12.	25.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Chlorobenzene	108-90-7	53.9	53.9	UG_KG				TRG		LSA	125	75	20091101				4.2	0.51	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Ethylbenzene	100-41-4	52.1	52.1	UG_KG				TRG		LSA	125	75	20091101				4.2	0.65	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Xylene, total	1330-20-7	159.	159.	UG_KG				TRG		LSA	114	81	20091101				4.2	1.3	7.5	15.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			m- and p-Xylene	m&pXYLEN	105.	105.	UG_KG				TRG		LSA	125	80	20091101				4.2	1.7	5.0	10.	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			o-Xylene	95-47-6	53.5	53.5	UG_KG				TRG		LSA	125	75	20091101				4.2	1.3	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Styrene	100-42-5	53.6	53.6	UG_KG				TRG		LSA	125	75	20091101				4.2	0.51	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Bromoform	75-25-2	58.1	58.1	UG_KG				TRG		LSA	135	55	20091101				4.2	0.70	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Isopropylbenzene	98-82-8	54.7	54.7	UG_KG				TRG		LSA	130	75	20091101				4.2	0.92	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,1,2,2-Tetrachloroethane	79-34-5	54.6	54.6	UG_KG				TRG		LSA	130	55	20091101				4.2	0.84	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,3-Dichlorobenzene	541-73-1	53.8	53.8	UG_KG				TRG		LSA	125	70	20091101				4.2	0.62	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,4-Dichlorobenzene	106-46-7	54.0	54.0	UG_KG				TRG		LSA	125	70	20091101				4.2	0.44	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,2-Dichlorobenzene	95-50-1	54.2	54.2	UG_KG				TRG		LSA	120	75	20091101				4.2	0.78	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,2-Dibromo-3-chloropropane	96-12-8	56.3	56.3	UG_KG				TRG		LSA	135	40	20091101				4.2	1.5	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,2,4-Trichlorobenzene	120-82-1	54.6	54.6	UG_KG				TRG		LSA	130	65	20091101				4.2	0.79	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			1,2,3-Trichlorobenzene	87-61-6	55.0	55.0	UG_KG				TRG		LSA	135	60	20091101				4.2	0.76	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Bromochloromethane	74-97-5	51.5	51.5	UG_KG				TRG		LSA	125	70	20091101				4.2	0.91	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Methyl acetate	79-20-9	45.5	45.5	UG_KG				TRG		LSA	133	72	20091101				4.2	2.7	3.0	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	WG201121-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BS	S	4	03/10/201	03/10/2017		20170310	09:44:00	20170310	09:44:00	WG20112	1	1			Methylcyclohexane	108-87-2	50.8	50.8	UG_KG				TRG		LSA	127	71	20091101				4.2	0.96	2.5	5.0	SK1680	WG201121	
N6247016	JM01		MERIDIAN	MES08-FD04-0217A	NONE	WCHEM	2540G	PCHAR	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	REG	S	4	03/03/201	03/06/2017		20170322	15:02:00	20170323	16:57:00	SK1680-2	1	1	34.445		% Solids	%SOLIDS	66.	66.	PCT				TRG						SO			4.2	1	1	1	SK1680	WG201818	
N6247016	JM01		MERIDIAN	MES08-SB20-0708A	NONE	WCHEM	2540G	PCHAR	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	REG	S	4	03/03/201	03/06/2017		20170322	15:01:00	20170323	16:57:00	SK1680-1	1	1	34.371		% Solids	%SOLIDS	66.	66.	PCT				TRG						SO			4.2	1	1	1	SK1680	WG201818	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A-LR	NONE	WCHEM	2540G	PCHAR	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	LR	S	4	03/03/201	03/06/2017		20170322	15:06:00	20170323	17:00:00	WG20181	1	1	24.344		% Solids	%SOLIDS	75.	75.	PCT				TRG								4.2	1	1	1	SK1680	WG201818	
N6247016	JM01		MERIDIAN	MES08-SB21-0708A	NONE	WCHEM	2540G	PCHAR	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	REG	S	4	03/03/201	03/06/2017		20170322	15:03:00	20170323	16:58:00	SK1680-3	1	1	24.344		% Solids	%SOLIDS	76.	76.	PCT				TRG						SO			4.2	1	1	1	SK1680	WG201818	
N6247016	JM01		MERIDIAN	WG201818-BLANK	NONE	WCHEM	2540G	PCHAR	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	BLK	S	4	03/22/201	03/22/2017		20170322	15:04:00	20170323	17:00:00	WG20181	1	1			% Solids	%SOLIDS	100	100	PCT				TRG								4.2	1	1	1	SK1680	WG201818	
N6247016	JM01		MERIDIAN	WG201818-LCS	NONE	WCHEM	2540G	PCHAR	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	BS	S	4	03/22/201	03/22/2017		20170322	15:05:00	20170323	17:00:00	WG20181	1	1			% Solids	%SOLIDS	89.	89.	PCT				TRG		LSA	110	90	20091101				4.2	1	1	1	SK1680	WG201818	
N6247016	JM01		MERIDIAN	GroutTruck_Blank_2	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/02/201	06/05/2017		20170609	10:13:00	20170611	07:05:00	320-28800	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.0021	UG_L	U		PR	TRG					00000000	AQ (Weird)			5.0	0.00077	0.0021	0.0026	320-28800	320-168683	
N6247016	JM01		MERIDIAN	GroutTruck_Blank_2	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/02/201	06/05/2017		20170609	10:13:00	20170611	07:05:00	320-28800	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.0031	UG_L	U		PR	TRG					00000000	AQ (Weird)			5.0	0.0013	0.0031	0.0041	320-28800	320-168683	
N6247016	JM01		MERIDIAN	GroutTruck_Blank_2	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/02/201	06/05/2017		20170609	10:13:00	20170611	07:05:00	320-28800	1	1			13C4 PFOA	13C4 PFOA		91	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0	51	100	100	320-28800	320-168683	
N6247016	JM01		MERIDIAN	GroutTruck_Blank_2	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/02/201	06/05/2017		20170609	10:13:00	20170611	07:05:00	320-28800	1	1			13C4 PFOS	13C4 PFOS		108	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0	51	100	100	320-28800	320-168683	
N6247016	JM01		MERIDIAN	GroutTruck_Blank_2	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/02/201	06/05/2017		20170609	10:13:00	20170611	07:05:00	320-28800	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.0021	UG_L	U		PR	TRG					00000000	AQ (Weird)			5.0	0.00094	0.0021	0.0026	320-28800	320-168683	
N6247016	JM01		MERIDIAN	GroutTruck_Blank_2	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/02/201	06/05/2017		20170609	10:13:00	20170611	07:05:00	320-28800	1	1			18O2 PFHXS	18O2 PFHXS		127	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0	51	100	100	320-28800	320-168683	
N6247016	JM01		MERIDIAN	ATVRig_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/02/201	06/05/2017		20170609	10:13:00	20170611	07:13:00	320-28800	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.0012	UG_L	JM		PR	TRG					00000000	AQ (Weird)			5.0	0.00077	0.0021	0.0026	320-28800	320-168683	
N6247016	JM01		MERIDIAN	ATVRig_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/02/201	06/05/2017		20170609	10:13:00	20170611	07:13:00	320-28800	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.0031	UG_L	UM		PR	TRG					00000000	AQ (Weird)			5.0	0.0013	0.0031	0.0041	320-28800	320-168683	
N6247016	JM01		MERIDIAN	ATVRig_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/02/201	06/05/2017		20170609	10:13:00	20170611	07:13:00	320-28800	1	1			13C4 PFOA	13C4 PFOA		69	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0	52	100	100	320-28800	320-168683	
N6247016	JM01		MERIDIAN	ATVRig_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/02/201	06/05/2017		20170609	10:13:00	20170611	07:13:00	320-28800	1	1			13C4 PFOS	13C4 PFOS		110	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0	52	100	100	320-28800	320-168683	
N6247016	JM01		MERIDIAN	ATVRig_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/02/201	06/05/2017		20170609	10:13:00	20170611	07:13:00	320-28800	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.0021	UG_L	UM		PR	TRG					00000000	AQ (Weird)			5.0	0.00095	0.0021	0.0026	320-28800	320-168683	
N6247016	JM01		MERIDIAN	ATVRig_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/02/201	06/05/2017		20170609	10:13:00	20170611	07:13:00	320-28800	1	1			18O2 PFHXS	18O2 PFHXS		124	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0	52	100	100	320-28800	320-168683	
N6247016	JM01		MERIDIAN	LCS 320-168463/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170611	05:17:00	LCS 320-16	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		103	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.75	2.0	2.5	320-28800	320-168683	
N6247016	JM01		MERIDIAN	LCS 320-168463/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170611	05:17:00	LCS 320-16	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		107	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	1.3	3.0	4.0	320-28800	320-168683	
N6247016	JM01		MERIDIAN	LCS 320-168463/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170611	05:17:00	LCS 320-16	1	1			13C4 PFOA	13C4 PFOA		136	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28800	320-168683	
N6247016	JM01		MERIDIAN	LCS 320-168463/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170611	05:17:00	LCS 320-16	1	1			13C4 PFOS	13C4 PFOS		94	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28800	320-168683	
N6247016	JM01		MERIDIAN	LCS 320-168463/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170611	05:17:00	LCS 320-16	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		121	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.92	2.0	2.5	320-28800	320-168683	
N6247016	JM01		MERIDIAN	LCS 320-168463/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170611	05:17:00	LCS 320-16	1	1			18O2 PFHXS	18O2 PFHXS		109	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28800	320-168683	
N6247016	JM01		MERIDIAN	LCSD 320-168463/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170613	11:54:00	LCSD 320-	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		100	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	0.75	2.0	2.5	320-28800	320-169055	
N6247016	JM01		MERIDIAN	LCSD 320-168463/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170613	11:54:00	LCSD 320-	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		100	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	1.3	3.0	4.0	320-28800	320-169055	
N6247016	JM01		MERIDIAN	LCSD 320-168463/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170613	11:54:00	LCSD 320-	1	1			13C4 PFOA	13C4 PFOA		125	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28800	320-169055	
N6247016	JM01		MERIDIAN	LCSD 320-168463/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170613	11:54:00	LCSD 320-	1	1			13C4 PFOS	13C4 PFOS		114	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28800	320-169055	
N6247016	JM01		MERIDIAN	LCSD 320-168463/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170613	11:54:00	LCSD 320-	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		111	PCT_REC			PR	TRG		LSP	150	50	00000000				5.0	0.92	2.0	2.5	320-28800	320-169055	
N6247016	JM01		MERIDIAN	LCSD 320-168463/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170613	11:54:00	LCSD 320-	1	1			18O2 PFHXS	18O2 PFHXS		118	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28800	320-169055	
N6247016	JM01		MERIDIAN	MB 320-168463/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170613	11:46:00	MB 320-16	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.002	UG_L	U		PR	TRG					00000000				5.0	0.00075	0.002	0.0025	320-28800	320-169055	
N6247016	JM01		MERIDIAN	MB 320-168463/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170613	11:46:00	MB 320-16	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.003	UG_L	U		PR	TRG					00000000				5.0	0.0013	0.003	0.004	320-28800	320-169055	
N6247016	JM01		MERIDIAN	MB 320-168463/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170613	11:46:00	MB 320-16	1	1			13C4 PFOA	13C4 PFOA		129	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-28800	320-169055	
N6247016	JM01		MERIDIAN	MB 320-168463/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170613	11:46:00	MB 320-16	1	1			13C4 PFOS	13C4 PFOS		110	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-28800	320-169055	
N6247016	JM01		MERIDIAN	MB 320-168463/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170613	11:46:00	MB 320-16	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.002	UG_L	U		PR	TRG					00000000				5.0	0.00092	0.002	0.0025	320-28800	320-169055	
N6247016	JM01		MERIDIAN	MB 320-168463/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/09/201	06/09/2017		20170609	10:13:00	20170613	11:46:00	MB 320-16	1	1			18O2 PFHXS	18O2 PFHXS		119	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-28800	320-169055	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:09:00	320-28275	1	1	13.9		Perfluorooctanoic acid (PFOA)	335-67-1		0.21	UG_KG	J		PR	TRG					00000000	SO			5.0	0.12	0.35	0.58	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:09:00	320-28275	1	1	13.9		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.68	UG_KG	M		PR	TRG					00000000	SO			5.0	0.15	0.35	0.58	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:09:00	320-28275	1	1	13.9		13C4 PFOA	13C4 PFOA		87	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.8	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:09:00	320-28275	1	1	13.9		13C4 PFOS	13C4 PFOS		40	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.8	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:09:00	320-28275	1	1	13.9		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.35	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.35	0.46	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:09:00	320-28275	1	1	13.9		18O2 PFHXS	18O2 PFHXS		66	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.8	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:16:00	320-28275	1	1	18.8		Perfluorooctanoic acid (PFOA)	335-67-1		0.37	UG_KG	U		PR	TRG					00000000	SO			5.0	0.13	0.37	0.62	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:16:00	320-28275	1	1	18.8		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.37	UG_KG	U		PR	TRG					00000000	SO			5.0	0.16	0.37	0.62	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:16:00	320-28275	1	1	18.8		13C4 PFOA	13C4 PFOA		75	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.2	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:16:00	320-28275	1	1	18.8		13C4 PFOS	13C4 PFOS		40	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.2	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:16:00	320-28275	1	1	18.8		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.37	UG_KG	U		PR	TRG					00000000	SO			5.0	0.13	0.37	0.50	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:16:00	320-28275	1	1	18.8		18O2 PFHXS	18O2 PFHXS		72	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.2	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_SOUTH-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:39:00	320-28275	1	1	11.0		Perfluorooctanoic acid (PFOA)	335-67-1		0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.11	0.34	0.56	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_SOUTH-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:39:00	320-28275	1	1	11.0		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.14	0.34	0.56	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_SOUTH-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:39:00	320-28275	1	1	11.0		13C4 PFOA	13C4 PFOA		101	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_SOUTH-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:39:00	320-28275	1	1	11.0		13C4 PFOS	13C4 PFOS		71	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_SOUTH-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:39:00	320-28275	1	1	11.0		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.34	0.45	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_SOUTH-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:39:00	320-28275	1	1	11.0		18O2 PFHXS	18O2 PFHXS		85	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_SOUTH-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:46:00	320-28275	1	1	10.7		Perfluorooctanoic acid (PFOA)	335-67-1		0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.11	0.34	0.56	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_SOUTH-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:46:00	320-28275	1	1	10.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.14	0.34	0.56	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_SOUTH-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:46:00	320-28275	1	1	10.7		13C4 PFOA	13C4 PFOA		95	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_SOUTH-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:46:00	320-28275	1	1	10.7		13C4 PFOS	13C4 PFOS		69	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_SOUTH-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:46:00	320-28275	1	1	10.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.34	0.45	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_SOUTH-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:46:00	320-28275	1	1	10.7		18O2 PFHXS	18O2 PFHXS		83	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-FD05-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:54:00	320-28275	1	1	18.1		Perfluorooctanoic acid (PFOA)	335-67-1		0.37	UG_KG	U		PR	TRG					00000000	SO			5.0	0.13	0.37	0.62	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-FD05-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:54:00	320-28275	1	1	18.1		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.37	UG_KG	U		PR	TRG					00000000	SO			5.0	0.16	0.37	0.62	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-FD05-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:54:00	320-28275	1	1	18.1		13C4 PFOA	13C4 PFOA		78	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.2	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-FD05-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:54:00	320-28275	1	1	18.1		13C4 PFOS	13C4 PFOS		31	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.2	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-FD05-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:54:00	320-28275	1	1	18.1		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.37	UG_KG	U		PR	TRG					00000000	SO			5.0	0.13	0.37	0.49	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-FD05-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:54:00	320-28275	1	1	18.1		18O2 PFHXS	18O2 PFHXS		72	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.2	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T45C_05_2008-SB01-0406	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:01:00	320-28275	1	1	18.2		Perfluorooctanoic acid (PFOA)	335-67-1		0.36	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.36	0.60	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T45C_05_2008-SB01-0406	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:01:00	320-28275	1	1	18.2		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.36	UG_KG	U		PR	TRG					00000000	SO			5.0	0.15	0.36	0.60	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T45C_05_2008-SB01-0406	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:01:00	320-28275	1	1	18.2		13C4 PFOA	13C4 PFOA		86	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.0	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T45C_05_2008-SB01-0406	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:01:00	320-28275	1	1	18.2		13C4 PFOS	13C4 PFOS		46	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.0	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T45C_05_2008-SB01-0406	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:01:00	320-28275	1	1	18.2		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.36	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.36	0.48	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T45C_05_2008-SB01-0406	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:01:00	320-28275	1	1	18.2		18O2 PFHXS	18O2 PFHXS		74	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.0	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T45C_05_2008-SB01-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:16:00	320-28275	1	1	16.1		Perfluorooctanoic acid (PFOA)	335-67-1		0.17	UG_KG	JM		PR	TRG					00000000	SO			5.0	0.12	0.35	0.59	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T45C_05_2008-SB01-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:16:00	320-28275	1	1	16.1		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.35	UG_KG	U		PR	TRG					00000000	SO			5.0	0.15	0.35	0.59	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T45C_05_2008-SB01-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:16:00	320-28275	1	1	16.1		13C4 PFOA	13C4 PFOA		95	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.9	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T45C_05_2008-SB01-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:16:00	320-28275	1	1	16.1		13C4 PFOS	13C4 PFOS		51	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.9	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T45C_05_2008-SB01-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:16:00	320-28275	1	1	16.1		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.35	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.35	0.47	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T45C_05_2008-SB01-0608	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:16:00	320-28275	1	1	16.1		18O2 PFHXS	18O2 PFHXS		76	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.9	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45_2003-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:24:00	320-28275	1	1	15.1		Perfluorooctanoic acid (PFOA)	335-67-1		0.87	UG_KG			PR	TRG					00000000	SO			5.0	0.12	0.35	0.58	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45_2003-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:24:00	320-28275	1	1	15.1		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.80	UG_KG	M		PR	TRG					00000000	SO			5.0	0.15	0.35	0.58	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45_2003-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:24:00	320-28275	1	1	15.1		13C4 PFOA	13C4 PFOA		79	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.8	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45_2003-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:24:00	320-28275	1	1	15.1		13C4 PFOS	13C4 PFOS		69	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.8	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45_2003-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:24:00	320-28275	1	1	15.1		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.35	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.35	0.47	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45_2003-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:24:00	320-28275	1	1	15.1		18O2 PFHXS	18O2 PFHXS		74	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.8	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45_2003-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:31:00	320-28275	1	1	20.4		Perfluorooctanoic acid (PFOA)	335-67-1		0.14	UG_KG	JM		PR	TRG					00000000	SO			5.0	0.13	0.38	0.63	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45_2003-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:31:00	320-28275	1	1	20.4		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.38	UG_KG	U		PR	TRG					00000000	SO			5.0	0.16	0.38	0.63	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45_2003-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:31:00	320-28275	1	1	20.4		13C4 PFOA	13C4 PFOA		77	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.3	13	13	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45_2003-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:31:00	320-28275	1	1	20.4		13C4 PFOS	13C4 PFOS		32	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.3	13	13	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45_2003-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:31:00	320-28275	1	1	20.4		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.38	UG_KG	U		PR	TRG					00000000	SO			5.0	0.13	0.38	0.50	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45_2003-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	23:31:00	320-28275	1	1	20.4		18O2 PFHXS	18O2 PFHXS		64	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.3	13	13	320-28275	320-166365	
N6247016	JM01		MERIDIAN	DPTTankBlank-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:14:00	320-28275	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.0016	UG_L	U		PR	TRG					00000000	AQ (Weird)			5.0	0.0006	0.0016	0.002	320-28275	320-165301	

N6247016	JM01		MERIDIAN	DPTTankBlank-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:14:00	320-28275	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0024	UG_L	U		PR	TRG					00000000	AQ (Weird)		5.0	0.001	0.0024	0.0032	320-28275	320-165301	
N6247016	JM01		MERIDIAN	DPTTankBlank-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:14:00	320-28275	1	1			13C4 PFOA	13C4 PFOA	77	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)		5.0	40	80	80	320-28275	320-165301	
N6247016	JM01		MERIDIAN	DPTTankBlank-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:14:00	320-28275	1	1			13C4 PFOS	13C4 PFOS	113	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)		5.0	40	80	80	320-28275	320-165301	
N6247016	JM01		MERIDIAN	DPTTankBlank-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:14:00	320-28275	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0016	UG_L	U		PR	TRG					00000000	AQ (Weird)		5.0	0.00073	0.0016	0.002	320-28275	320-165301	
N6247016	JM01		MERIDIAN	DPTTankBlank-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:14:00	320-28275	1	1			18O2 PFHXS	18O2 PFHXS	111	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)		5.0	40	80	80	320-28275	320-165301	
N6247016	JM01		MERIDIAN	PressWashBlank-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:21:00	320-28275	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0018	UG_L	U		PR	TRG					00000000	AQ (Weird)		5.0	0.00065	0.0018	0.0022	320-28275	320-165301	
N6247016	JM01		MERIDIAN	PressWashBlank-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:21:00	320-28275	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0026	UG_L	U		PR	TRG					00000000	AQ (Weird)		5.0	0.0011	0.0026	0.0035	320-28275	320-165301	
N6247016	JM01		MERIDIAN	PressWashBlank-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:21:00	320-28275	1	1			13C4 PFOA	13C4 PFOA	80	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)		5.0	44	88	88	320-28275	320-165301	
N6247016	JM01		MERIDIAN	PressWashBlank-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:21:00	320-28275	1	1			13C4 PFOS	13C4 PFOS	115	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)		5.0	44	88	88	320-28275	320-165301	
N6247016	JM01		MERIDIAN	PressWashBlank-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:21:00	320-28275	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0018	UG_L	U		PR	TRG					00000000	AQ (Weird)		5.0	0.0008	0.0018	0.0022	320-28275	320-165301	
N6247016	JM01		MERIDIAN	PressWashBlank-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:21:00	320-28275	1	1			18O2 PFHXS	18O2 PFHXS	111	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)		5.0	44	88	88	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MEAFF-EB03-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:29:00	320-28275	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0018	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)		5.0	0.00067	0.0018	0.0022	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MEAFF-EB03-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:29:00	320-28275	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0027	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)		5.0	0.0011	0.0027	0.0036	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MEAFF-EB03-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:29:00	320-28275	1	1			13C4 PFOA	13C4 PFOA	121	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)		5.0	45	89	89	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MEAFF-EB03-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:29:00	320-28275	1	1			13C4 PFOS	13C4 PFOS	112	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)		5.0	45	89	89	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MEAFF-EB03-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:29:00	320-28275	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0018	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)		5.0	0.00082	0.0018	0.0022	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MEAFF-EB03-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:29:00	320-28275	1	1			18O2 PFHXS	18O2 PFHXS	106	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)		5.0	45	89	89	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MEAFF-EB04-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:36:00	320-28275	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0018	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)		5.0	0.00069	0.0018	0.0023	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MEAFF-EB04-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:36:00	320-28275	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0016	UG_L	JM		PR	TRG					00000000	AQ (Field Blanks)		5.0	0.0012	0.0028	0.0037	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MEAFF-EB04-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:36:00	320-28275	1	1			13C4 PFOA	13C4 PFOA	125	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)		5.0	46	92	92	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MEAFF-EB04-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:36:00	320-28275	1	1			13C4 PFOS	13C4 PFOS	110	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)		5.0	46	92	92	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MEAFF-EB04-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:36:00	320-28275	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0018	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)		5.0	0.00085	0.0018	0.0023	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MEAFF-EB04-051117	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/11/201	05/15/2017		20170517	14:18:00	20170519	07:36:00	320-28275	1	1			18O2 PFHXS	18O2 PFHXS	108	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)		5.0	46	92	92	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MEAFF-Unknown6-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:39:00	320-28275	1	1	15.3		Perfluorooctanoic acid (PFOA)	335-67-1	0.43	UG_KG	JM		PR	TRG					00000000	SO		5.0	0.12	0.35	0.58	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown6-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:39:00	320-28275	1	1	15.3		Perfluorooctane Sulfonate (PFOS)	1763-23-1	1.6	UG_KG	M		PR	TRG					00000000	SO		5.0	0.15	0.35	0.58	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown6-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:39:00	320-28275	1	1	15.3		13C4 PFOA	13C4 PFOA	84	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.8	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown6-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:39:00	320-28275	1	1	15.3		13C4 PFOS	13C4 PFOS	56	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.8	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown6-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:39:00	320-28275	1	1	15.3		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.35	UG_KG	UM		PR	TRG					00000000	SO		5.0	0.12	0.35	0.47	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown6-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:39:00	320-28275	1	1	15.3		18O2 PFHXS	18O2 PFHXS	70	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.8	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown6-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:46:00	320-28275	1	1	20.7		Perfluorooctanoic acid (PFOA)	335-67-1	0.38	UG_KG	UM		PR	TRG					00000000	SO		5.0	0.13	0.38	0.63	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown6-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:46:00	320-28275	1	1	20.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.38	UG_KG	U		PR	TRG					00000000	SO		5.0	0.16	0.38	0.63	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown6-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:46:00	320-28275	1	1	20.7		13C4 PFOA	13C4 PFOA	117	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	6.3	13	13	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown6-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:46:00	320-28275	1	1	20.7		13C4 PFOS	13C4 PFOS	77	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	6.3	13	13	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown6-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:46:00	320-28275	1	1	20.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.38	UG_KG	UM		PR	TRG					00000000	SO		5.0	0.13	0.38	0.50	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown6-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:46:00	320-28275	1	1	20.7		18O2 PFHXS	18O2 PFHXS	95	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	6.3	13	13	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2004-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:54:00	320-28275	1	1	8.8		Perfluorooctanoic acid (PFOA)	335-67-1	0.21	UG_KG	J		PR	TRG					00000000	SO		5.0	0.11	0.33	0.55	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2004-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:54:00	320-28275	1	1	8.8		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.20	UG_KG	J		PR	TRG					00000000	SO		5.0	0.14	0.33	0.55	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2004-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:54:00	320-28275	1	1	8.8		13C4 PFOA	13C4 PFOA	66	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.5	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2004-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:54:00	320-28275	1	1	8.8		13C4 PFOS	13C4 PFOS	57	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.5	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2004-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:54:00	320-28275	1	1	8.8		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.33	UG_KG	UM		PR	TRG					00000000	SO		5.0	0.11	0.33	0.44	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2004-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170525	23:54:00	320-28275	1	1	8.8		18O2 PFHXS	18O2 PFHXS	54	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.5	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2004-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:01:00	320-28275	1	1	10.4		Perfluorooctanoic acid (PFOA)	335-67-1	0.33	UG_KG	U		PR	TRG					00000000	SO		5.0	0.11	0.33	0.55	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2004-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:01:00	320-28275	1	1	10.4		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.33	UG_KG	U		PR	TRG					00000000	SO		5.0	0.14	0.33	0.55	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2004-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:01:00	320-28275	1	1	10.4		13C4 PFOA	13C4 PFOA	95	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.5	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2004-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:01:00	320-28275	1	1	10.4		13C4 PFOS	13C4 PFOS	49	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.5	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2004-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:01:00	320-28275	1	1	10.4		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.33	UG_KG	U		PR	TRG					00000000	SO		5.0	0.11	0.33	0.44	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2004-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:01:00	320-28275	1	1	10.4		18O2 PFHXS	18O2 PFHXS	79	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.5	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-2C_1996-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:09:00	320-28275	1	1	11.9		Perfluorooctanoic acid (PFOA)	335-67-1	0.87	UG_KG			PR	TRG					00000000	SO		5.0	0.12	0.34	0.57	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-2C_1996-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:09:00	320-28275	1	1	11.9		Perfluorooctane Sulfonate (PFOS)	1763-23-1	2.3	UG_KG	M		PR	TRG					00000000	SO		5.0	0.14	0.34	0.57	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-2C_1996-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:09:00	320-28275	1	1	11.9		13C4 PFOA	13C4 PFOA	71	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.7	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-2C_1996-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:09:00	320-28275	1	1	11.9		13C4 PFOS	13C4 PFOS	25	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.7	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-2C_1996-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:09:00	320-28275	1	1	11.9		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.34	UG_KG	UM		PR	TRG					00000000	SO		5.0	0.12	0.34	0.46	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-2C_1996-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:09:00	320-28275	1	1	11.9		18O2 PFHXS	18O2 PFHXS	62	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.7	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-2C_1996-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:16:00	320-28275	1	1	13.1		Perfluorooctanoic acid (PFOA)	335-67-1	0.34	UG_KG	U		PR	TRG					00000000	SO		5.0	0.12	0.34	0.57	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-2C_1996-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:16:00	320-28275	1	1	13.1		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.34	UG_KG	U		PR	TRG					00000000	SO		5.0	0.14	0.34	0.57	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-2C_1996-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:16:00	320-28275	1	1	13.1		13C4 PFOA	13C4 PFOA	88	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.7	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-2C_1996-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:16:00	320-28275	1	1	13.1		13C4 PFOS	13C4 PFOS	46	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.7	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-2C_1996-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:16:00	320-28275	1	1	13.1		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.34	UG_KG	U		PR	TRG					00000000	SO		5.0	0.12	0.34	0.46	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-T-2C_1996-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:16:00	320-28275	1	1	13.1		18O2 PFHXS	18O2 PFHXS	77	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.7	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1984-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:24:00	320-28275	1	1	12.5		Perfluorooctanoic acid (PFOA)	335-67-1	0.34	UG_KG	UM		PR	TRG					00000000	SO		5.0	0.12	0.34	0.57	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1984-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:24:00	320-28275	1	1	12.5		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.34	UG_KG	U		PR	TRG					00000000	SO		5.0	0.14	0.34	0.57	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1984-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:24:00	320-28275	1	1	12.5		13C4 PFOA	13C4 PFOA	95	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.7	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1984-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:24:00	320-28275	1	1	12.5		13C4 PFOS	13C4 PFOS	58	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.7	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1984-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:24:00	320-28275	1	1	12.5		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.34	UG_KG	UM		PR	TRG					00000000	SO		5.0	0.12	0.34	0.46	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1984-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:24:00	320-28275	1	1	12.5		18O2 PFHXS	18O2 PFHXS	79	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.7	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1984-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:39:00	320-28275	1	1	8.9		Perfluorooctanoic acid (PFOA)	335-67-1	0.33	UG_KG	UM		PR	TRG					00000000	SO		5.0	0.11	0.33	0.55	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1984-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:39:00	320-28275	1	1	8.9		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.33	UG_KG	U		PR	TRG					00000000	SO		5.0	0.14	0.33	0.55	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1984-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:39:00	320-28275	1	1	8.9		13C4 PFOA	13C4 PFOA	93	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.5	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1984-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:39:00	320-28275	1	1	8.9		13C4 PFOS	13C4 PFOS	71	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.5	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1984-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:39:00	320-28275	1	1	8.9		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.33	UG_KG	U		PR	TRG					00000000	SO		5.0	0.11	0.33	0.44	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1984-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:39:00	320-28275	1	1	8.9		18O2 PFHXS	18O2 PFHXS	81	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.5	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-FD06-051217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:46:00	320-28275	1	1	7.9		Perfluorooctanoic acid (PFOA)	335-67-1	0.33	UG_KG	U		PR	TRG					00000000	SO		5.0	0.11	0.33	0.54	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-FD06-051217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:46:00	320-28275	1	1	7.9		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.33	UG_KG	U		PR	TRG					00000000	SO		5.0	0.14	0.33	0.54	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-FD06-051217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:46:00	320-28275	1	1	7.9		13C4 PFOA	13C4 PFOA	88	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.4	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-FD06-051217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:46:00	320-28275	1	1	7.9		13C4 PFOS	13C4 PFOS	63	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.4	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-FD06-051217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:46:00	320-28275	1	1	7.9		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.33	UG_KG	U		PR	TRG					00000000	SO		5.0	0.11	0.33	0.43	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-FD06-051217	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/12/201	05/15/2017		20170518	10:15:00	20170526	00:46:00	320-28275	1	1	7.9		18O2 PFHXS	18O2 PFHXS	80	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO		5.0	5.4	11	11	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:24:00	320-28275	1	1	18.8		Perfluorooctanoic acid (PFOA)	335-67-1	94	PCT_REC			PR	TRG		MSA	140	60	00000000			5.0	0.12	0.37	0.61	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:24:00	320-28275	1	1	18.8		Perfluorooctane Sulfonate (PFOS)	1763-23-1	96	PCT_REC			PR	TRG		MSA	140	60	00000000			5.0	0.15	0.37	0.61	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:24:00	320-28275	1	1	18.8		13C4 PFOA	13C4 PFOA	75	PCT_REC			PR	SURR		SLSA	150	25	00000000			5.0	6.1	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:24:00	320-28275	1	1	18.8		13C4 PFOS	13C4 PFOS	41	PCT_REC			PR	SURR		SLSA	150	25	00000000			5.0	6.1	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:24:00	320-28275	1	1	18.8		Perfluorobutanesulfonic acid (PFBS)	375-73-5	106	PCT_REC			PR	TRG		MSA	150	50	00000000			5.0	0.13	0.37	0.49	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:24:00	320-28275	1	1	18.8		18O2 PFHXS	18O2 PFHXS	70	PCT_REC			PR	SURR		SLSA	150	25	00000000			5.0	6.1	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:31:00	320-28275	1	1	18.8		Perfluorooctanoic acid (PFOA)	335-67-1	95	PCT_REC			PR	TRG		MSP	140	60	00000000			5.0	0.12	0.36	0.61	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:31:00	320-28275	1	1	18.8		Perfluorooctane Sulfonate (PFOS)	1763-23-1	98	PCT_REC			PR	TRG		MSP	140	60	00000000			5.0	0.15	0.36	0.61	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:31:00	320-28275	1	1	18.8		13C4 PFOA	13C4 PFOA	75	PCT_REC			PR	SURR		SLSA	150	25	00000000			5.0	6.1	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:31:00	320-28275	1	1	18.8		13C4 PFOS	13C4 PFOS	45	PCT_REC			PR	SURR		SLSA	150	25	00000000			5.0	6.1	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:31:00	320-28275	1	1	18.8		Perfluorobutanesulfonic acid (PFBS)	375-73-5	109	PCT_REC			PR	TRG		MSP	150	50	00000000			5.0	0.13	0.36	0.49	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MEAFF-Unknown5-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/11/201	05/15/2017		20170518	10:15:00	20170525	22:31:00	320-28275	1	1	18.8		18O2 PFHXS	18O2 PFHXS	73	PCT_REC			PR	SURR		SLSA	150	25	00000000			5.0	6.1	12	12	320-28275	320-166365	
N6247016	JM01		MERIDIAN	LCS 320-164983/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	06:59:00	LCS 320-16	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	95	PCT_REC			PR	TRG		LSA	140	60	00000000			5.0	0.75	2.0	2.5	320-28275	320-165301	
N6247016	JM01		MERIDIAN	LCS 320-164983/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	06:59:00	LCS 320-16	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	92	PCT_REC			PR	TRG		LSA	140	60	00000000			5.0	1.3	3.0	4.0	320-28275	320-165301	
N6247016	JM01		MERIDIAN	LCS 320-164983/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	06:59:00	LCS 320-16	1	1			13C4 PFOA	13C4 PFOA	117	PCT_REC			PR	SURR		SLSA	150	25	00000000			5.0	50	100	100	320-28275	320-165301	
N6247016	JM01		MERIDIAN	LCS 320-164983/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	06:59:00	LCS 320-16	1	1			13C4 PFOS	13C4 PFOS	106	PCT_REC			PR	SURR		SLSA	150	25	00000000			5.0	50	100	100	320-28275	320-165301	
N6247016	JM01		MERIDIAN	LCS 320-164983/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	06:59:00	LCS 320-16	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	103	PCT_REC			PR	TRG		LSA	150	50	00000000			5.0	0.92	2.0	2.5	320-28275	320-165301	
N6247016	JM01		MERIDIAN	LCS 320-164983/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	06:59:00	LCS 320-16	1	1			18O2 PFHXS	18O2 PFHXS	102	PCT_REC			PR	SURR		SLSA	150	25	00000000			5.0	50	100	100	320-28275	320-165301	
N6247016	JM01		MERIDIAN	LCS 320-165098/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/18/201	05/18/2017		20170518	10:15:00	20170525	22:01:00	LCS 320-16	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	95	PCT_REC			PR	TRG		LSA	140	60	00000000			5.0	0.10	0.30	0.50	320-28275	320-166365	
N6247016	JM01		MERIDIAN	LCS 320-165098/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/18/201	05/18/2017		20170518	10:15:00	20170525	22:01:00	LCS 320-16	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	94	PCT_REC			PR	TRG		LSA	140	60	00000000			5.0	0.13	0.30	0.50	320-28275	320-166365	
N6247016	JM01		MERIDIAN	LCS 320-165098/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/18/201	05/18/2017		20170518	10:15:00	20170525	22:01:00	LCS 320-16	1	1			13C4 PFOA	13C4 PFOA	96	PCT_REC			PR	SURR		SLSA	150	25	00000000			5.0	5.0	10	10	320-28275	320-166365	
N6247016	JM01		MERIDIAN	LCS 320-165098/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/18/201	05/18/2017		20170518	10:15:00	20170525	22:01:00	LCS 320-16	1	1			13C4 PFOS	13C4 PFOS	83	PCT_REC			PR	SURR		SLSA	150	25	00000000			5.0	5.0	10	10	320-28275	320-166365	
N6247016	JM01		MERIDIAN	LCS 320-165098/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/18/201	05/18/2017		20170518	10:15:00	20170525	22:01:00	LCS 320-16	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	102	PCT_REC			PR	TRG		LSA	150	50	00000000			5.0	0.10	0.30	0.40	320-28275	320-166365	
N6247016	JM01		MERIDIAN	LCS 320-165098/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/18/201	05/18/2017		20170518	10:15:00	20170525	22:01:00	LCS 320-16	1	1			18O2 PFHXS	18O2 PFHXS	83	PCT_REC			PR	SURR		SLSA	150	25	00000000			5.0	5.0	10	10	320-28275	320-166365	
N6247016	JM01		MERIDIAN	LCSD 320-164983/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	07:06:00	LCSD 320-	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	94	PCT_REC			PR	TRG		LSP	140	60	00000000			5.0	0.75	2.0	2.5	320-28275	320-165301	
N6247016	JM01		MERIDIAN	LCSD 320-164983/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	07:06:00	LCSD 320-	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	94	PCT_REC			PR	TRG		LSP	140	60	00000000			5.0	1.3	3.0	4.0	320-28275	320-165301	
N6247016	JM01		MERIDIAN	LCSD 320-164983/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	07:06:00	LCSD 320-	1	1			13C4 PFOA	13C4 PFOA	116	PCT_REC			PR	SURR		SLSA	150	25	00000000			5.0	50	100	100	320-28275	320-165301	
N6247016	JM01		MERIDIAN	LCSD 320-164983/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	07:06:00	LCSD 320-	1	1			13C4 PFOS	13C4 PFOS	104	PCT_REC			PR	SURR		SLSA	150	25	00000000			5.0	50	100	100	320-28275	320-165301	
N6247016	JM01		MERIDIAN	LCSD 320-164983/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	07:06:00	LCSD 320-	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	104	PCT_REC			PR	TRG		LSP	150	50	00000000			5.0	0.92	2.0	2.5	320-28275	320-165301	
N6247016	JM01		MERIDIAN	LCSD 320-164983/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	07:06:00	LCSD 320-	1	1			18O2 PFHXS	18O2 PFHXS	101	PCT_REC			PR	SURR		SLSA	150	25	00000000			5.0	50	100	100	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MB 320-164983/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	06:51:00	MB 320-16	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.002	UG_L	U		PR	TRG					00000000			5.0	0.00075	0.002	0.0025	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MB 320-164983/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	06:51:00	MB 320-16	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.003	UG_L	U		PR	TRG					00000000			5.0	0.0013	0.003	0.004	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MB 320-164983/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	06:51:00	MB 320-16	1	1			13C4 PFOA	13C4 PFOA	123	PCT_REC			PR	SURR		SMSA	150	25	00000000			5.0	50	100	100	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MB 320-164983/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	06:51:00	MB 320-16	1	1			13C4 PFOS	13C4 PFOS	106	PCT_REC			PR	SURR		SMSA	150	25	00000000			5.0	50	100	100	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MB 320-164983/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	06:51:00	MB 320-16	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.002	UG_L	U		PR	TRG					00000000			5.0	0.00092	0.002	0.0025	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MB 320-164983/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/17/201	05/17/2017		20170517	14:18:00	20170519	06:51:00	MB 320-16	1	1			18O2 PFHXS	18O2 PFHXS	108	PCT_REC			PR	SURR		SMSA	150	25	00000000			5.0	50	100	100	320-28275	320-165301	
N6247016	JM01		MERIDIAN	MB 320-165098/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/18/201	05/18/2017		20170518	10:15:00	20170525	21:53:00	MB 320-16	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.30	UG_KG	U		PR	TRG					00000000			5.0	0.10	0.30	0.50	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MB 320-165098/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/18/201	05/18/2017		20170518	10:15:00	20170525	21:53:00	MB 320-16	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.30	UG_KG	U		PR	TRG					00000000			5.0	0.13	0.30	0.50	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MB 320-165098/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/18/201	05/18/2017		20170518	10:15:00	20170525	21:53:00	MB 320-16	1	1			13C4 PFOA	13C4 PFOA	96	PCT_REC			PR	SURR		SMSA	150	25	00000000			5.0	5.0	10	10	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MB 320-165098/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/18/201	05/18/2017		20170518	10:15:00	20170525	21:53:00	MB 320-16	1	1			13C4 PFOS	13C4 PFOS	82	PCT_REC			PR	SURR		SMSA	150	25	00000000			5.0	5.0	10	10	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MB 320-165098/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/18/201	05/18/2017		20170518	10:15:00	20170525	21:53:00	MB 320-16	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.30	UG_KG	U		PR	TRG					00000000			5.0	0.10	0.30	0.40	320-28275	320-166365	
N6247016	JM01		MERIDIAN	MB 320-165098/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/18/201	05/18/2017		20170518	10:15:00	20170525	21:53:00	MB 320-16	1	1			18O2 PFHXS	18O2 PFHXS	84	PCT_REC			PR	SURR		SMSA	150	25	00000000			5.0	5.0	10	10	320-28275	320-166365	
N6247016	JM01		MERIDIAN	Rig1_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:40:00	320-28427	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.002	UG_L	U		PR	TRG					00000000	AQ (Weird)		5.0	0.00073	0.002	0.0024	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Rig1_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:40:00	320-28427	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0029	UG_L	U		PR	TRG					00000000	AQ (Weird)		5.0	0.0012	0.0029	0.0039	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Rig1_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:40:00	320-28427	1	1			13C4 PFOA	13C4 PFOA	80	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)		5.0	49	98	98	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Rig1_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:40:00	320-28427	1	1			13C4 PFOS	13C4 PFOS	99	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)		5.0	49	98	98	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Rig1_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:40:00	320-28427	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.002	UG_L	UM		PR	TRG					00000000	AQ (Weird)		5.0	0.0009	0.002	0.0024	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Rig1_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:40:00	320-28427	1	1			18O2 PFHXS	18O2 PFHXS	111	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)		5.0	49	98	98	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Rig2_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:47:00	320-28427	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0034	UG_L	M		PR	TRG					00000000	AQ (Weird)		5.0	0.00073	0.002	0.0024	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Rig2_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:47:00	320-28427	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0038	UG_L	J		PR	TRG					00000000	AQ (Weird)		5.0	0.0012	0.0029	0.0039	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Rig2_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:47:00	320-28427	1	1			13C4 PFOA	13C4 PFOA	79	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)		5.0	49	98	98	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Rig2_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:47:00	320-28427	1	1			13C4 PFOS	13C4 PFOS	86	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)		5.0	49	98	98	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Rig2_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:47:00	320-28427	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.002	UG_L	UM		PR	TRG					00000000	AQ (Weird)		5.0	0.0009	0.002	0.0024	320-28427	320-168409	

N6247016	JM01		MERIDIAN	Rig2_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:47:00	320-28427	1	1			18O2 PFHXS	18O2 PFHXS	101	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0	49	98	98	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Grout Truck_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:55:00	320-28427	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0018	UG_L	U		PR	TRG					00000000	AQ (Weird)			5.0	0.00066	0.0018	0.0022	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Grout Truck_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:55:00	320-28427	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0011	UG_L	JM		PR	TRG					00000000	AQ (Weird)			5.0	0.0011	0.0027	0.0036	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Grout Truck_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:55:00	320-28427	1	1			13C4 PFOA	13C4 PFOA	77	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0	44	89	0.089	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Grout Truck_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:55:00	320-28427	1	1			13C4 PFOS	13C4 PFOS	102	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0	44	89	0.089	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Grout Truck_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:55:00	320-28427	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0018	UG_L	UM		PR	TRG					00000000	AQ (Weird)			5.0	0.00082	0.0018	0.0022	320-28427	320-168409	
N6247016	JM01		MERIDIAN	Grout Truck_Blank	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/18/201	05/20/2017		20170525	15:37:00	20170609	01:55:00	320-28427	1	1			18O2 PFHXS	18O2 PFHXS	112	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Weird)			5.0	44	89	89	320-28427	320-168409	
N6247016	JM01		MERIDIAN	LCS 320-166258/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	01:01:00	LCS 320-16	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	98	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.75	2.0	2.5	320-28427	320-168409	
N6247016	JM01		MERIDIAN	LCS 320-166258/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	01:01:00	LCS 320-16	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	107	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	1.3	3.0	4.0	320-28427	320-168409	
N6247016	JM01		MERIDIAN	LCS 320-166258/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	01:01:00	LCS 320-16	1	1			13C4 PFOA	13C4 PFOA	130	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28427	320-168409	
N6247016	JM01		MERIDIAN	LCS 320-166258/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	01:01:00	LCS 320-16	1	1			13C4 PFOS	13C4 PFOS	89	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28427	320-168409	
N6247016	JM01		MERIDIAN	LCS 320-166258/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	01:01:00	LCS 320-16	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	115	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.92	2.0	2.5	320-28427	320-168409	
N6247016	JM01		MERIDIAN	LCS 320-166258/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	01:01:00	LCS 320-16	1	1			18O2 PFHXS	18O2 PFHXS	99	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28427	320-168409	
N6247016	JM01		MERIDIAN	LCSD 320-166258/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	01:09:00	LCSD 320-	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	102	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	0.75	2.0	2.5	320-28427	320-168409	
N6247016	JM01		MERIDIAN	LCSD 320-166258/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	01:09:00	LCSD 320-	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	107	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	1.3	3.0	4.0	320-28427	320-168409	
N6247016	JM01		MERIDIAN	LCSD 320-166258/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	01:09:00	LCSD 320-	1	1			13C4 PFOA	13C4 PFOA	123	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28427	320-168409	
N6247016	JM01		MERIDIAN	LCSD 320-166258/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	01:09:00	LCSD 320-	1	1			13C4 PFOS	13C4 PFOS	87	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28427	320-168409	
N6247016	JM01		MERIDIAN	LCSD 320-166258/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	01:09:00	LCSD 320-	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	114	PCT_REC			PR	TRG		LSP	150	50	00000000				5.0	0.92	2.0	2.5	320-28427	320-168409	
N6247016	JM01		MERIDIAN	LCSD 320-166258/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	01:09:00	LCSD 320-	1	1			18O2 PFHXS	18O2 PFHXS	101	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28427	320-168409	
N6247016	JM01		MERIDIAN	MB 320-166258/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	00:53:00	MB 320-16	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.002	UG_L	U		PR	TRG					00000000				5.0	0.00075	0.002	0.0025	320-28427	320-168409	
N6247016	JM01		MERIDIAN	MB 320-166258/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	00:53:00	MB 320-16	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.003	UG_L	U		PR	TRG					00000000				5.0	0.0013	0.003	0.004	320-28427	320-168409	
N6247016	JM01		MERIDIAN	MB 320-166258/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	00:53:00	MB 320-16	1	1			13C4 PFOA	13C4 PFOA	126	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-28427	320-168409	
N6247016	JM01		MERIDIAN	MB 320-166258/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	00:53:00	MB 320-16	1	1			13C4 PFOS	13C4 PFOS	93	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-28427	320-168409	
N6247016	JM01		MERIDIAN	MB 320-166258/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	00:53:00	MB 320-16	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.002	UG_L	U		PR	TRG					00000000				5.0	0.00092	0.002	0.0025	320-28427	320-168409	
N6247016	JM01		MERIDIAN	MB 320-166258/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/25/201	05/25/2017		20170525	15:37:00	20170609	00:53:00	MB 320-16	1	1			18O2 PFHXS	18O2 PFHXS	102	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-28427	320-168409	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1987MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170628	23:47:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0019	UG_L	U		PR	TRG					00000000	GW			5.0	0.00071	0.0019	0.0024	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1987MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170628	23:47:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0029	UG_L	U		PR	TRG					00000000	GW			5.0	0.0012	0.0029	0.0038	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1987MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170628	23:47:00	320-29267	1	1			13C4 PFOA	13C4 PFOA	38	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	48	95	95	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1987MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170628	23:47:00	320-29267	1	1			13C4 PFOS	13C4 PFOS	109	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	48	95	95	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1987MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170628	23:47:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0019	UG_L	U		PR	TRG					00000000	GW			5.0	0.00087	0.0019	0.0024	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1987MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170628	23:47:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS	110	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	48	95	95	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-AGAMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170628	23:54:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0044	UG_L	M		PR	TRG					00000000	GW			5.0	0.00073	0.002	0.0025	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-AGAMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170628	23:54:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0029	UG_L	UM		PR	TRG					00000000	GW			5.0	0.0013	0.0029	0.0039	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-AGAMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170628	23:54:00	320-29267	1	1			13C4 PFOA	13C4 PFOA	69	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	98	98	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-AGAMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170628	23:54:00	320-29267	1	1			13C4 PFOS	13C4 PFOS	110	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	98	98	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-AGAMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170628	23:54:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0015	UG_L	JM		PR	TRG					00000000	GW			5.0	0.0009	0.002	0.0025	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-AGAMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170628	23:54:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS	112	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	98	98	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN20MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:01:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0018	UG_L	JM		PR	TRG					00000000	GW			5.0	0.0007	0.0019	0.0023	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN20MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:01:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0028	UG_L	U		PR	TRG					00000000	GW			5.0	0.0012	0.0028	0.0037	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN20MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:01:00	320-29267	1	1			13C4 PFOA	13C4 PFOA	42	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	47	93	93	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN20MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:01:00	320-29267	1	1			13C4 PFOS	13C4 PFOS	108	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	47	93	93	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN20MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:01:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.019	UG_L			PR	TRG					00000000	GW			5.0	0.00085	0.0019	0.0023	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN20MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:01:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS	109	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	47	93	93	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:08:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.00077	UG_L	JM		PR	TRG					00000000	GW			5.0	0.00069	0.0018	0.0023	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:08:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.037	UG_L			PR	TRG					00000000	GW			5.0	0.0012	0.0028	0.0037	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:08:00	320-29267	1	1			13C4 PFOA	13C4 PFOA	64	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	46	92	92	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:08:00	320-29267	1	1			13C4 PFOS	13C4 PFOS	116	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	46	92	92	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:08:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0016	UG_L	J		PR	TRG					00000000	GW			5.0	0.00084	0.0018	0.0023	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:08:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS	117	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	46	92	92	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:15:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	103	PCT_REC			PR	TRG		MSA	140	60	00000000				5.0	0.70	1.9	2.3	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:15:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	110	PCT_REC			PR	TRG		MSA	140	60	00000000				5.0	1.2	2.8	3.7	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:15:00	320-29267	1	1			13C4 PFOA	13C4 PFOA	72	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	47	93	93	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:15:00	320-29267	1	1			13C4 PFOS	13C4 PFOS	113	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	47	93	93	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:15:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	104	PCT_REC			PR	TRG		MSA	150	50	00000000				5.0	0.86	1.9	2.3	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MS	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:15:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS	123	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	47	93	93	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:21:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	99	PCT_REC			PR	TRG		MSP	140	60	00000000				5.0	0.72	1.9	2.4	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:21:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	97	PCT_REC			PR	TRG		MSP	140	60	00000000				5.0	1.2	2.9	3.8	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:21:00	320-29267	1	1			13C4 PFOA	13C4 PFOA	60	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	48	96	96	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:21:00	320-29267	1	1			13C4 PFOS	13C4 PFOS	107	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	48	96	96	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:21:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	102	PCT_REC			PR	TRG		MSP	150	50	00000000				5.0	0.88	1.9	2.4	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EASTBMW01-0617-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	MSD	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:21:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS	112	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	48	96	96	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1984MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:28:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	4.8	UG_L	ME		PR	TRG					00000000	GW			5.0	0.00075	0.002	0.0025	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1984MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:28:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	8.2	UG_L	E		PR	TRG					00000000	GW			5.0	0.0013	0.003	0.004	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1984MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:28:00	320-29267	1	1			13C4 PFOA	13C4 PFOA	36	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	50	100	100	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1984MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:28:00	320-29267	1	1			13C4 PFOS	13C4 PFOS	32	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	50	100	100	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1984MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:28:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	1.1	UG_L	E		PR	TRG					00000000	GW			5.0	0.00092	0.002	0.0025	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1984MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:28:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS	30	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	50	100	100	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1984MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	18:18:00	320-29267	50	2			Perfluorooctanoic acid (PFOA)	335-67-1	11	UG_L	DM		PR	TRG					00000000	GW			5.0	0.038	0.1	0.13	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1984MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	18:18:00	320-29267	50	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1	12	UG_L	D		PR	TRG					00000000	GW			5.0	0.064	0.15	0.2	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1984MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	18:18:00	320-29267	50	2			13C4 PFOA	13C4 PFOA	99	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	2500	5000	5000	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1984MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	18:18:00	320-29267	50	2			13C4 PFOS	13C4 PFOS	103	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	2500	5000	5000	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1984MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	18:18:00	320-29267	50	2			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.64	UG_L	D		PR	TRG					00000000	GW			5.0	0.046	0.1	0.13	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1984MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	18:18:00	320-29267	50	2			18O2 PFHXS	18O2 PFHXS	111	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	2500	5000	5000	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-UNKN6MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:35:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0062	UG_L	M		PR	TRG					00000000	GW			5.0	0.00076	0.002	0.0025	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN6MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:35:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.018	UG_L			PR	TRG					00000000	GW			5.0	0.0013	0.0031	0.0041	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN6MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:35:00	320-29267	1	1			13C4 PFOA	13C4 PFOA	61	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	51	100	100	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN6MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:35:00	320-29267	1	1			13C4 PFOS	13C4 PFOS	105	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	51	100	100	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN6MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:35:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0025	UG_L	M		PR	TRG					00000000	GW			5.0	0.00094	0.002	0.0025	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN6MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:35:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS	105	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	51	100	100	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T45-2003MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:49:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.003	UG_L	M		PR	TRG					00000000	GW			5.0	0.0007	0.0019	0.0023	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T45-2003MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:49:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0014	UG_L	JM		PR	TRG					00000000	GW			5.0	0.0012	0.0028	0.0037	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T45-2003MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:49:00	320-29267	1	1			13C4 PFOA	13C4 PFOA	62	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	47	93	93	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T45-2003MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:49:00	320-29267	1	1			13C4 PFOS	13C4 PFOS	105	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	47	93	93	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T45-2003MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:49:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0019	UG_L	UM		PR	TRG					00000000	GW			5.0	0.00086	0.0019	0.0023	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T45-2003MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:49:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS	112	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	47	93	93	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN5MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:56:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0062	UG_L	M		PR	TRG					00000000	GW			5.0	0.00074	0.002	0.0025	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN5MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:56:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0068	UG_L			PR	TRG					00000000	GW			5.0	0.0013	0.003	0.004	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN5MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:56:00	320-29267	1	1			13C4 PFOA	13C4 PFOA	83	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	99	99	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN5MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:56:00	320-29267	1	1			13C4 PFOS	13C4 PFOS	112	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	99	99	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN5MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:56:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.03	UG_L			PR	TRG					00000000	GW			5.0	0.00091	0.002	0.0025	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN5MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	00:56:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS	115	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	99	99	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:03:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	1.3	UG_L	ME		PR	TRG					00000000	GW			5.0	0.00071	0.0019	0.0024	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:03:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.19	UG_L			PR	TRG					00000000	GW			5.0	0.0012	0.0029	0.0038	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:03:00	320-29267	1	1			13C4 PFOA	13C4 PFOA	67	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	48	95	95	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:03:00	320-29267	1	1			13C4 PFOS	13C4 PFOS	96	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	48	95	95	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:03:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	2.6	UG_L	E		PR	TRG					00000000	GW			5.0	0.00088	0.0019	0.0024	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:03:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS	18	PCT_REC	Q		PR	SURR		SLSA	150	25	00000000	GW			5.0	48	95	95	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	18:25:00	320-29267	20	2			Perfluorooctanoic acid (PFOA)	335-67-1	1.9	UG_L	DM		PR	TRG					00000000	GW			5.0	0.014	0.038	0.048	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	18:25:00	320-29267	20	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.19	UG_L	D		PR	TRG					00000000	GW			5.0	0.024	0.057	0.076	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	18:25:00	320-29267	20	2			13C4 PFOA	13C4 PFOA	117	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	950	1900	1900	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	18:25:00	320-29267	20	2			13C4 PFOS	13C4 PFOS	102	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	950	1900	1900	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	18:25:00	320-29267	20	2			18O2 PFHXS	18O2 PFHXS	74	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	950	1900	1900	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL2	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170630	12:20:00	320-29267	50	3			Perfluorooctanoic acid (PFOA)	335-67-1	1.8	UG_L	DM		PR	TRG					00000000	GW			5.0	0.036	0.095	0.12	320-29267	320-171948	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL2	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170630	12:20:00	320-29267	50	3			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.19	UG_L	D		PR	TRG					00000000	GW			5.0	0.061	0.14	0.19	320-29267	320-171948	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL2	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170630	12:20:00	320-29267	50	3			13C4 PFOA	13C4 PFOA	96	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	2400	4800	4800	320-29267	320-171948	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL2	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170630	12:20:00	320-29267	50	3			13C4 PFOS	13C4 PFOS	86	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	2400	4800	4800	320-29267	320-171948	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL2	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170630	12:20:00	320-29267	50	3			Perfluorobutanesulfonic acid (PFBS)	375-73-5	8.2	UG_L	D		PR	TRG					00000000	GW			5.0	0.044	0.095	0.12	320-29267	320-171948	
N6247016	JM01		MERIDIAN	MEAFF-T45C-05-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL2	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170630	12:20:00	320-29267	50	3			18O2 PFHXS	18O2 PFHXS	85	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	2400	4800	4800	320-29267	320-171948	
N6247016	JM01		MERIDIAN	MEAFF-FD06-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170623	16:59:00	20170628	09:39:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0045	UG_L	M		PR	TRG					00000000	GW			5.0	0.00066	0.0018	0.0022	320-29267	320-171335	
N6247016	JM01		MERIDIAN	MEAFF-FD06-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170623	16:59:00	20170628	09:39:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0027	UG_L	UM		PR	TRG					00000000	GW			5.0	0.0011	0.0027	0.0035	320-29267	320-171335	
N6247016	JM01		MERIDIAN	MEAFF-FD06-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170623	16:59:00	20170628	09:39:00	320-29267	1	1			13C4 PFOA	13C4 PFOA	43	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	44	88	88	320-29267	320-171335	
N6247016	JM01		MERIDIAN	MEAFF-FD06-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170623	16:59:00	20170628	09:39:00	320-29267	1	1			13C4 PFOS	13C4 PFOS	105	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	44	88	88	320-29267	320-171335	
N6247016	JM01		MERIDIAN	MEAFF-FD06-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170623	16:59:00	20170628	09:39:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0016	UG_L	J		PR	TRG					00000000	GW			5.0	0.00081	0.0018	0.0022	320-29267	320-171335	
N6247016	JM01		MERIDIAN	MEAFF-FD06-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170623	16:59:00	20170628	09:39:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS	99	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	44	88	88	320-29267	320-171335	
N6247016	JM01		MERIDIAN	MEAFF-TA-4-SOUTHMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:10:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0025	UG_L	M		PR	TRG					00000000	GW			5.0	0.00073	0.0019	0.0024	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA-4-SOUTHMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:10:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0029	UG_L	UM		PR	TRG					00000000	GW			5.0	0.0012	0.0029	0.0039	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA-4-SOUTHMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:10:00	320-29267	1	1			13C4 PFOA	13C4 PFOA	99	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	97	97	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA-4-SOUTHMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:10:00	320-29267	1	1			13C4 PFOS	13C4 PFOS	107	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	97	97	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA-4-SOUTHMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:10:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.002	UG_L	JM		PR	TRG					00000000	GW			5.0	0.00089	0.0019	0.0024	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA-4-SOUTHMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:10:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS	103	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	97	97	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB08-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:17:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0018	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00067	0.0018	0.0022	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB08-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:17:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0027	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.0011	0.0027	0.0036	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB08-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:17:00	320-29267	1	1			13C4 PFOA	13C4 PFOA	124	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	45	89	89	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB08-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:17:00	320-29267	1	1			13C4 PFOS	13C4 PFOS	102	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	45	89	89	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB08-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:17:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0018	UG_L	UM		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00082	0.0018	0.0022	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB08-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:17:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS	107	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	45	89	89	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB09-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:24:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0018	UG_L	UM		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00068	0.0018	0.0023	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB09-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:24:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0046	UG_L			PR	TRG					00000000	AQ (Field Blanks)			5.0	0.0012	0.0027	0.0036	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB09-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:24:00	320-29267	1	1			13C4 PFOA	13C4 PFOA	143	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	46	91	91	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB09-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:24:00	320-29267	1	1			13C4 PFOS	13C4 PFOS	106	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	46	91	91	320-29267	320-171594	

N6247016	JM01		MERIDIAN	MEAFF-EB09-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:24:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.0018	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00084	0.0018	0.0023	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB09-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/17/201	06/20/2017		20170624	12:27:00	20170629	01:24:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS		116	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	46	91	91	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T2C-1996MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:30:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.009	UG_L	M		PR	TRG					00000000	GW			5.0	0.00071	0.0019	0.0024	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T2C-1996MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:30:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.72	UG_L	E		PR	TRG					00000000	GW			5.0	0.0012	0.0029	0.0038	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T2C-1996MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:30:00	320-29267	1	1			13C4 PFOA	13C4 PFOA		108	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	48	95	95	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T2C-1996MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:30:00	320-29267	1	1			13C4 PFOS	13C4 PFOS		92	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	48	95	95	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T2C-1996MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:30:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.0028	UG_L			PR	TRG					00000000	GW			5.0	0.00087	0.0019	0.0024	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T2C-1996MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:30:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS		119	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	48	95	95	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-T2C-1996MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	18:32:00	320-29267	5	2			Perfluorooctanoic acid (PFOA)	335-67-1		0.0096	UG_L	JDM		PR	TRG					00000000	GW			5.0	0.0036	0.0095	0.012	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-T2C-1996MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	18:32:00	320-29267	5	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.77	UG_L	D		PR	TRG					00000000	GW			5.0	0.0061	0.014	0.019	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-T2C-1996MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	18:32:00	320-29267	5	2			13C4 PFOA	13C4 PFOA		119	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	240	480	480	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-T2C-1996MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	18:32:00	320-29267	5	2			13C4 PFOS	13C4 PFOS		122	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	240	480	480	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-T2C-1996MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	18:32:00	320-29267	5	2			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.0095	UG_L	U		PR	TRG					00000000	GW			5.0	0.0044	0.0095	0.012	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-T2C-1996MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	18:32:00	320-29267	5	2			18O2 PFHXS	18O2 PFHXS		135	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	240	480	480	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-UNKN11MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:37:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.0018	UG_L	JM		PR	TRG					00000000	GW			5.0	0.00074	0.002	0.0025	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN11MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:37:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.0024	UG_L	J		PR	TRG					00000000	GW			5.0	0.0013	0.003	0.004	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN11MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:37:00	320-29267	1	1			13C4 PFOA	13C4 PFOA		68	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	50	100	100	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN11MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:37:00	320-29267	1	1			13C4 PFOS	13C4 PFOS		114	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	50	100	100	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN11MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:37:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.002	UG_L	UM		PR	TRG					00000000	GW			5.0	0.00091	0.002	0.0025	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-UNKN11MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:37:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS		117	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	50	100	100	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB10-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:44:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.0018	UG_L	UM		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00066	0.0018	0.0022	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB10-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:44:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.0026	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.0011	0.0026	0.0035	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB10-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:44:00	320-29267	1	1			13C4 PFOA	13C4 PFOA		135	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	44	88	88	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB10-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:44:00	320-29267	1	1			13C4 PFOS	13C4 PFOS		111	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	44	88	88	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB10-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:44:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.0018	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00081	0.0018	0.0022	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-EB10-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:44:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS		120	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	44	88	88	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1985MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:51:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.00078	UG_L	JM		PR	TRG					00000000	GW			5.0	0.00073	0.002	0.0025	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1985MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:51:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.0029	UG_L	U		PR	TRG					00000000	GW			5.0	0.0013	0.0029	0.0039	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1985MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:51:00	320-29267	1	1			13C4 PFOA	13C4 PFOA		37	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	98	98	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1985MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:51:00	320-29267	1	1			13C4 PFOS	13C4 PFOS		111	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	98	98	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1985MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:51:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.002	UG_L	U		PR	TRG					00000000	GW			5.0	0.0009	0.002	0.0025	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1985MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	01:51:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS		124	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	98	98	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	02:05:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.51	UG_L	ME		PR	TRG					00000000	IDW			5.0	0.0007	0.0019	0.0024	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	02:05:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.56	UG_L	E		PR	TRG					00000000	IDW			5.0	0.0012	0.0028	0.0038	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	02:05:00	320-29267	1	1			13C4 PFOA	13C4 PFOA		77	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	47	94	94	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	02:05:00	320-29267	1	1			13C4 PFOS	13C4 PFOS		95	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	47	94	94	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	02:05:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.41	UG_L	E		PR	TRG					00000000	IDW			5.0	0.00086	0.0019	0.0024	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	02:05:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS		63	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	47	94	94	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	18:39:00	320-29267	5	2			Perfluorooctanoic acid (PFOA)	335-67-1		0.55	UG_L	DM		PR	TRG					00000000	IDW			5.0	0.0035	0.0094	0.012	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	18:39:00	320-29267	5	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.59	UG_L	D		PR	TRG					00000000	IDW			5.0	0.006	0.014	0.019	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	18:39:00	320-29267	5	2			13C4 PFOA	13C4 PFOA		95	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	240	470	470	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	18:39:00	320-29267	5	2			13C4 PFOS	13C4 PFOS		112	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	240	470	470	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	18:39:00	320-29267	5	2			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.45	UG_L	D		PR	TRG					00000000	IDW			5.0	0.0043	0.0094	0.012	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	DL1	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	18:39:00	320-29267	5	2			18O2 PFHXS	18O2 PFHXS		101	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	240	470	470	320-29267	320-171828	
N6247016	JM01		MERIDIAN	MEAFF-FB02-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	02:12:00	320-29267	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.0018	UG_L	UM		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00067	0.0018	0.0022	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-FB02-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	02:12:00	320-29267	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.0027	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.0011	0.0027	0.0036	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-FB02-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	02:12:00	320-29267	1	1			13C4 PFOA	13C4 PFOA		125	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	45	89	89	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-FB02-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	02:12:00	320-29267	1	1			13C4 PFOS	13C4 PFOS		112	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	45	89	89	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-FB02-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	02:12:00	320-29267	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.0018	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00082	0.0018	0.0022	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-FB02-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/18/201	06/20/2017		20170624	12:27:00	20170629	02:12:00	320-29267	1	1			18O2 PFHXS	18O2 PFHXS		113	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	45	89	89	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:15:00	320-29267	1	1	9.3		Perfluorooctanoic acid (PFOA)	335-67-1		0.32	UG_KG	UM		PR	TRG					00000000	IDW			5.0	0.11	0.32	0.54	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:15:00	320-29267	1	1	9.3		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.32	UG_KG	U		PR	TRG					00000000	IDW			5.0	0.14	0.32	0.54	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:15:00	320-29267	1	1	9.3		13C4 PFOA	13C4 PFOA		113	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	5.4	11	11	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:15:00	320-29267	1	1	9.3		13C4 PFOS	13C4 PFOS		67	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	5.4	11	11	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:15:00	320-29267	1	1	9.3		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.32	UG_KG	U		PR	TRG					00000000	IDW			5.0	0.11	0.32	0.43	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:15:00	320-29267	1	1	9.3		18O2 PFHXS	18O2 PFHXS		80	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	5.4	11	11	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:22:00	320-29267	1	1	20.9		Perfluorooctanoic acid (PFOA)	335-67-1		0.38	UG_KG	UM		PR	TRG					00000000	IDW			5.0	0.13	0.38	0.63	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:22:00	320-29267	1	1	20.9		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.23	UG_KG	JM		PR	TRG					00000000	IDW			5.0	0.16	0.38	0.63	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:22:00	320-29267	1	1	20.9		13C4 PFOA	13C4 PFOA		109	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	6.3	13	13	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:22:00	320-29267	1	1	20.9		13C4 PFOS	13C4 PFOS		62	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	6.3	13	13	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:22:00	320-29267	1	1	20.9		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.38	UG_KG	U		PR	TRG					00000000	IDW			5.0	0.13	0.38	0.50	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:22:00	320-29267	1	1	20.9		18O2 PFHXS	18O2 PFHXS		80	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	6.3	13	13	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:29:00	320-29267	1	1	17.2		Perfluorooctanoic acid (PFOA)	335-67-1		0.37	UG_KG	JM		PR	TRG					00000000	IDW			5.0	0.12	0.36	0.60	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:29:00	320-29267	1	1	17.2		Perfluorooctane Sulfonate (PFOS)	1763-23-1		9.7	UG_KG			PR	TRG					00000000	IDW			5.0	0.15	0.36	0.60	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:29:00	320-29267	1	1	17.2		13C4 PFOA	13C4 PFOA		116	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	6.0	12	12	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:29:00	320-29267	1	1	17.2		13C4 PFOS	13C4 PFOS		82	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	6.0	12	12	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:29:00	320-29267	1	1	17.2		Perfluorobutanesulfonic acid (PFBS)	375-73-5		1.2	UG_KG			PR	TRG					00000000	IDW			5.0	0.12	0.36	0.48	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:29:00	320-29267	1	1	17.2		18O2 PFHXS	18O2 PFHXS		85	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	6.0	12	12	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:36:00	320-29267	1	1	13.3		Perfluorooctanoic acid (PFOA)	335-67-1		0.34	UG_KG	U		PR	TRG					00000000	IDW			5.0	0.12	0.34	0.57	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:36:00	320-29267	1	1	13.3		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.34	UG_KG	U		PR	TRG					00000000	IDW			5.0	0.14	0.34	0.57	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:36:00	320-29267	1	1	13.3		13C4 PFOA	13C4 PFOA		126	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	5.7	11	11	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:36:00	320-29267	1	1	13.3		13C4 PFOS	13C4 PFOS		70	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	5.7	11	11	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:36:00	320-29267	1	1	13.3		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.34	UG_KG	U		PR	TRG					00000000	IDW			5.0	0.12	0.34	0.45	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:36:00	320-29267	1	1	13.3		18O2 PFHXS	18O2 PFHXS		91	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	5.7	11	11	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:43:00	320-29267	1	1	7.3		Perfluorooctanoic acid (PFOA)	335-67-1		0.32	UG_KG	UM		PR	TRG					00000000	IDW			5.0	0.11	0.32	0.54	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:43:00	320-29267	1	1	7.3		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.32	UG_KG	U		PR	TRG					00000000	IDW			5.0	0.14	0.32	0.54	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:43:00	320-29267	1	1	7.3		13C4 PFOA	13C4 PFOA		119	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	5.4	11	11	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:43:00	320-29267	1	1	7.3		13C4 PFOS	13C4 PFOS		73	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	5.4	11	11	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:43:00	320-29267	1	1	7.3		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.32	UG_KG	U		PR	TRG					00000000	IDW			5.0	0.11	0.32	0.43	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:43:00	320-29267	1	1	7.3		18O2 PFHXS	18O2 PFHXS		88	PCT_REC			PR	SURR		SLSA	150	25	00000000	IDW			5.0	5.4	11	11	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:50:00	320-29267	1	1	7.3		Perfluorooctanoic acid (PFOA)	335-67-1		101	PCT_REC			PR	TRG		MSA	140	60	00000000				5.0	0.11	0.32	0.54	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:50:00	320-29267	1	1	7.3		Perfluorooctane Sulfonate (PFOS)	1763-23-1		110	PCT_REC			PR	TRG		MSA	140	60	00000000				5.0	0.14	0.32	0.54	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:50:00	320-29267	1	1	7.3		13C4 PFOA	13C4 PFOA		120	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.4	11	11	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:50:00	320-29267	1	1	7.3		13C4 PFOS	13C4 PFOS		77	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.4	11	11	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:50:00	320-29267	1	1	7.3		Perfluorobutanesulfonic acid (PFBS)	375-73-5		118	PCT_REC			PR	TRG		MSA	150	50	00000000				5.0	0.11	0.32	0.43	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:50:00	320-29267	1	1	7.3		18O2 PFHXS	18O2 PFHXS		99	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.4	11	11	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:57:00	320-29267	1	1	7.3		Perfluorooctanoic acid (PFOA)	335-67-1		100	PCT_REC			PR	TRG		MSP	140	60	00000000				5.0	0.11	0.32	0.54	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:57:00	320-29267	1	1	7.3		Perfluorooctane Sulfonate (PFOS)	1763-23-1		114	PCT_REC			PR	TRG		MSP	140	60	00000000				5.0	0.14	0.32	0.54	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:57:00	320-29267	1	1	7.3		13C4 PFOA	13C4 PFOA		122	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.4	11	11	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:57:00	320-29267	1	1	7.3		13C4 PFOS	13C4 PFOS		81	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.4	11	11	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:57:00	320-29267	1	1	7.3		Perfluorobutanesulfonic acid (PFBS)	375-73-5		121	PCT_REC			PR	TRG		MSP	150	50	00000000				5.0	0.11	0.32	0.43	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	06/18/201	06/20/2017		20170701	09:40:00	20170719	00:57:00	320-29267	1	1	7.3		18O2 PFHXS	18O2 PFHXS		92	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.4	11	11	320-29267	320-174824	
N6247016	JM01		MERIDIAN	LCS 320-170766/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:25:00	LCS 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		104	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.75	2.0	2.5	320-29267	320-171335	
N6247016	JM01		MERIDIAN	LCS 320-170766/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:25:00	LCS 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		112	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	1.3	3.0	4.0	320-29267	320-171335	
N6247016	JM01		MERIDIAN	LCS 320-170766/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:25:00	LCS 320-1	1	1			13C4 PFOA	13C4 PFOA		117	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29267	320-171335	
N6247016	JM01		MERIDIAN	LCS 320-170766/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:25:00	LCS 320-1	1	1			13C4 PFOS	13C4 PFOS		101	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29267	320-171335	
N6247016	JM01		MERIDIAN	LCS 320-170766/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:25:00	LCS 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		113	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.92	2.0	2.5	320-29267	320-171335	
N6247016	JM01		MERIDIAN	LCS 320-170766/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:25:00	LCS 320-1	1	1			18O2 PFHXS	18O2 PFHXS		103	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29267	320-171335	
N6247016	JM01		MERIDIAN	LCS 320-170805/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/24/201	06/24/2017		20170624	12:27:00	20170628	23:40:00	LCS 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		103	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.75	2.0	2.5	320-29267	320-171594	
N6247016	JM01		MERIDIAN	LCS 320-170805/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/24/201	06/24/2017		20170624	12:27:00	20170628	23:40:00	LCS 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		111	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	1.3	3.0	4.0	320-29267	320-171594	
N6247016	JM01		MERIDIAN	LCS 320-170805/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/24/201	06/24/2017		20170624	12:27:00	20170628	23:40:00	LCS 320-1	1	1			13C4 PFOA	13C4 PFOA		125	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29267	320-171594	
N6247016	JM01		MERIDIAN	LCS 320-170805/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/24/201	06/24/2017		20170624	12:27:00	20170628	23:40:00	LCS 320-1	1	1			13C4 PFOS	13C4 PFOS		107	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29267	320-171594	
N6247016	JM01		MERIDIAN	LCS 320-170805/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/24/201	06/24/2017		20170624	12:27:00	20170628	23:40:00	LCS 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		107	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.92	2.0	2.5	320-29267	320-171594	
N6247016	JM01		MERIDIAN	LCS 320-170805/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/24/201	06/24/2017		20170624	12:27:00	20170628	23:40:00	LCS 320-1	1	1			18O2 PFHXS	18O2 PFHXS		116	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29267	320-171594	
N6247016	JM01		MERIDIAN	LCS 320-172026/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	07/01/201	07/01/2017		20170701	09:40:00	20170719	00:08:00	LCS 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		98	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.10	0.30	0.50	320-29267	320-174824	
N6247016	JM01		MERIDIAN	LCS 320-172026/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	07/01/201	07/01/2017		20170701	09:40:00	20170719	00:08:00	LCS 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		112	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.13	0.30	0.50	320-29267	320-174824	
N6247016	JM01		MERIDIAN	LCS 320-172026/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	07/01/201	07/01/2017		20170701	09:40:00	20170719	00:08:00	LCS 320-1	1	1			13C4 PFOA	13C4 PFOA		118	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.0	10	10	320-29267	320-174824	
N6247016	JM01		MERIDIAN	LCS 320-172026/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	07/01/201	07/01/2017		20170701	09:40:00	20170719	00:08:00	LCS 320-1	1	1			13C4 PFOS	13C4 PFOS		90	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.0	10	10	320-29267	320-174824	
N6247016	JM01		MERIDIAN	LCS 320-172026/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	07/01/201	07/01/2017		20170701	09:40:00	20170719	00:08:00	LCS 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		115	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.10	0.30	0.40	320-29267	320-174824	
N6247016	JM01		MERIDIAN	LCS 320-172026/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	07/01/201	07/01/2017		20170701	09:40:00	20170719	00:08:00	LCS 320-1	1	1			18O2 PFHXS	18O2 PFHXS		96	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.0	10	10	320-29267	320-174824	
N6247016	JM01		MERIDIAN	LCSD 320-170766/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:32:00	LCSD 320-	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		102	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	0.75	2.0	2.5	320-29267	320-171335	
N6247016	JM01		MERIDIAN	LCSD 320-170766/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:32:00	LCSD 320-	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		115	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	1.3	3.0	4.0	320-29267	320-171335	
N6247016	JM01		MERIDIAN	LCSD 320-170766/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:32:00	LCSD 320-	1	1			13C4 PFOA	13C4 PFOA		117	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29267	320-171335	
N6247016	JM01		MERIDIAN	LCSD 320-170766/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:32:00	LCSD 320-	1	1			13C4 PFOS	13C4 PFOS		98	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29267	320-171335	
N6247016	JM01		MERIDIAN	LCSD 320-170766/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:32:00	LCSD 320-	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		115	PCT_REC			PR	TRG		LSP	150	50	00000000				5.0	0.92	2.0	2.5	320-29267	320-171335	
N6247016	JM01		MERIDIAN	LCSD 320-170766/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:32:00	LCSD 320-	1	1			18O2 PFHXS	18O2 PFHXS		101	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29267	320-171335	
N6247016	JM01		MERIDIAN	MB 320-170766/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:18:00	MB 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.002	UG_L	U		PR	TRG					00000000				5.0	0.00075	0.002	0.0025	320-29267	320-171335	
N6247016	JM01		MERIDIAN	MB 320-170766/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:18:00	MB 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.003	UG_L	U		PR	TRG					00000000				5.0	0.0013	0.003	0.004	320-29267	320-171335	
N6247016	JM01		MERIDIAN	MB 320-170766/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:18:00	MB 320-1	1	1			13C4 PFOA	13C4 PFOA		124	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-29267	320-171335	
N6247016	JM01		MERIDIAN	MB 320-170766/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:18:00	MB 320-1	1	1			13C4 PFOS	13C4 PFOS		104	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-29267	320-171335	
N6247016	JM01		MERIDIAN	MB 320-170766/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:18:00	MB 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.002	UG_L	UM		PR	TRG					00000000				5.0	0.00092	0.002	0.0025	320-29267	320-171335	
N6247016	JM01		MERIDIAN	MB 320-170766/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/23/201	06/23/2017		20170623	16:59:00	20170628	09:18:00	MB 320-1	1	1			18O2 PFHXS	18O2 PFHXS		104	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-29267	320-171335	
N6247016	JM01		MERIDIAN	MB 320-170805/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/24/201	06/24/2017		20170624	12:27:00	20170628	23:33:00	MB 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.002	UG_L	U		PR	TRG					00000000				5.0	0.00075	0.002	0.0025	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MB 320-170805/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/24/201	06/24/2017		20170624	12:27:00	20170628	23:33:00	MB 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.003	UG_L	U		PR	TRG					00000000				5.0	0.0013	0.003	0.004	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MB 320-170805/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/24/201	06/24/2017		20170624	12:27:00	20170628	23:33:00	MB 320-1	1	1			13C4 PFOA	13C4 PFOA		133	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MB 320-170805/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/24/201	06/24/2017		20170624	12:27:00	20170628	23:33:00	MB 320-1	1	1			13C4 PFOS	13C4 PFOS		108	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MB 320-170805/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/24/201	06/24/2017		20170624	12:27:00	20170628	23:33:00	MB 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.002	UG_L	U		PR	TRG					00000000				5.0	0.00092	0.002	0.0025	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MB 320-170805/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/24/201	06/24/2017		20170624	12:27:00	20170628	23:33:00	MB 320-1	1	1			18O2 PFHXS	18O2 PFHXS		114	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-29267	320-171594	
N6247016	JM01		MERIDIAN	MB 320-172026/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	07/01/201	07/01/2017		20170701	09:40:00	20170719	00:01:00	MB 320-1	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.30	UG_KG	U		PR	TRG					00000000				5.0	0.10	0.30	0.50	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MB 320-172026/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	07/01/201	07/01/2017		20170701	09:40:00	20170719	00:01:00	MB 320-1	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.30	UG_KG	U		PR	TRG					00000000				5.0	0.13	0.30	0.50	320-29267	320-174824	

N6247016	JM01		MERIDIAN	MB 320-172026/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	07/01/201	07/01/2017		20170701	09:40:00	20170719	00:01:00	MB 320-1	1	1			13C4 PFOA	13C4 PFOA	128	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	5.0	10	10	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MB 320-172026/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	07/01/201	07/01/2017		20170701	09:40:00	20170719	00:01:00	MB 320-1	1	1			13C4 PFOS	13C4 PFOS	93	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	5.0	10	10	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MB 320-172026/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	07/01/201	07/01/2017		20170701	09:40:00	20170719	00:01:00	MB 320-1	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.30	UG_KG	U		PR	TRG					00000000				5.0	0.10	0.30	0.40	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MB 320-172026/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	07/01/201	07/01/2017		20170701	09:40:00	20170719	00:01:00	MB 320-1	1	1			18O2 PFHXS	18O2 PFHXS	93	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	5.0	10	10	320-29267	320-174824	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2005-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:01:00	320-28286	1	1	11.1		Perfluorooctanoic acid (PFOA)	335-67-1	0.33	UG_KG	U		PR	TRG					00000000	SO			5.0	0.11	0.33	0.56	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2005-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:01:00	320-28286	1	1	11.1		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.33	UG_KG	U		PR	TRG					00000000	SO			5.0	0.14	0.33	0.56	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2005-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:01:00	320-28286	1	1	11.1		13C4 PFOA	13C4 PFOA	92	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2005-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:01:00	320-28286	1	1	11.1		13C4 PFOS	13C4 PFOS	45	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2005-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:01:00	320-28286	1	1	11.1		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.33	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.11	0.33	0.45	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2005-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:01:00	320-28286	1	1	11.1		18O2 PFHXS	18O2 PFHXS	72	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2005-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:09:00	320-28286	1	1	13.5		Perfluorooctanoic acid (PFOA)	335-67-1	0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.34	0.57	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2005-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:09:00	320-28286	1	1	13.5		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.14	0.34	0.57	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2005-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:09:00	320-28286	1	1	13.5		13C4 PFOA	13C4 PFOA	84	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2005-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:09:00	320-28286	1	1	13.5		13C4 PFOS	13C4 PFOS	39	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2005-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:09:00	320-28286	1	1	13.5		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.34	0.45	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_2005-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:09:00	320-28286	1	1	13.5		18O2 PFHXS	18O2 PFHXS	68	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:16:00	320-28286	1	1	11.8		Perfluorooctanoic acid (PFOA)	335-67-1	0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.34	0.57	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:16:00	320-28286	1	1	11.8		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.24	UG_KG	J		PR	TRG					00000000	SO			5.0	0.14	0.34	0.57	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:16:00	320-28286	1	1	11.8		13C4 PFOA	13C4 PFOA	88	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:16:00	320-28286	1	1	11.8		13C4 PFOS	13C4 PFOS	51	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:16:00	320-28286	1	1	11.8		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.34	0.45	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:16:00	320-28286	1	1	11.8		18O2 PFHXS	18O2 PFHXS	78	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:24:00	320-28286	1	1	9.7		Perfluorooctanoic acid (PFOA)	335-67-1	0.33	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.11	0.33	0.55	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:24:00	320-28286	1	1	9.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.33	UG_KG	U		PR	TRG					00000000	SO			5.0	0.14	0.33	0.55	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:24:00	320-28286	1	1	9.7		13C4 PFOA	13C4 PFOA	77	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.5	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:24:00	320-28286	1	1	9.7		13C4 PFOS	13C4 PFOS	35	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.5	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:24:00	320-28286	1	1	9.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.33	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.11	0.33	0.44	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:24:00	320-28286	1	1	9.7		18O2 PFHXS	18O2 PFHXS	68	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.5	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:32:00	320-28286	1	1	9.7		Perfluorooctanoic acid (PFOA)	335-67-1	104	PCT_REC			PR	TRG		MSA	140	60	00000000				5.0	0.11	0.33	0.55	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:32:00	320-28286	1	1	9.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1	108	PCT_REC			PR	TRG		MSA	140	60	00000000				5.0	0.14	0.33	0.55	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:32:00	320-28286	1	1	9.7		13C4 PFOA	13C4 PFOA	77	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.5	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:32:00	320-28286	1	1	9.7		13C4 PFOS	13C4 PFOS	31	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.5	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:32:00	320-28286	1	1	9.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5	128	PCT_REC			PR	TRG		MSA	150	50	00000000				5.0	0.11	0.33	0.44	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:32:00	320-28286	1	1	9.7		18O2 PFHXS	18O2 PFHXS	69	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.5	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:39:00	320-28286	1	1	9.7		Perfluorooctanoic acid (PFOA)	335-67-1	103	PCT_REC			PR	TRG		MSP	140	60	00000000				5.0	0.11	0.33	0.55	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:39:00	320-28286	1	1	9.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1	111	PCT_REC			PR	TRG		MSP	140	60	00000000				5.0	0.14	0.33	0.55	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:39:00	320-28286	1	1	9.7		13C4 PFOA	13C4 PFOA	72	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.5	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:39:00	320-28286	1	1	9.7		13C4 PFOS	13C4 PFOS	40	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.5	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:39:00	320-28286	1	1	9.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5	129	PCT_REC			PR	TRG		MSP	150	50	00000000				5.0	0.11	0.33	0.44	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown11-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:39:00	320-28286	1	1	9.7		18O2 PFHXS	18O2 PFHXS	67	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.5	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTB-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:47:00	320-28286	1	1	11.3		Perfluorooctanoic acid (PFOA)	335-67-1	0.14	UG_KG	JM		PR	TRG					00000000	SO			5.0	0.12	0.34	0.57	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTB-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:47:00	320-28286	1	1	11.3		Perfluorooctane Sulfonate (PFOS)	1763-23-1	1.9	UG_KG			PR	TRG					00000000	SO			5.0	0.14	0.34	0.57	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTB-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:47:00	320-28286	1	1	11.3		13C4 PFOA	13C4 PFOA	97	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTB-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:47:00	320-28286	1	1	11.3		13C4 PFOS	13C4 PFOS	72	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTB-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:47:00	320-28286	1	1	11.3		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.92	UG_KG	M		PR	TRG					00000000	SO			5.0	0.12	0.34	0.45	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTB-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:47:00	320-28286	1	1	11.3		18O2 PFHXS	18O2 PFHXS	83	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTB-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:55:00	320-28286	1	1	16.1		Perfluorooctanoic acid (PFOA)	335-67-1	0.35	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.35	0.59	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTB-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:55:00	320-28286	1	1	16.1		Perfluorooctane Sulfonate (PFOS)	1763-23-1	2.2	UG_KG			PR	TRG					00000000	SO			5.0	0.15	0.35	0.59	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTB-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:55:00	320-28286	1	1	16.1		13C4 PFOA	13C4 PFOA	91	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.9	12	12	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTB-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:55:00	320-28286	1	1	16.1		13C4 PFOS	13C4 PFOS	55	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.9	12	12	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTB-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:55:00	320-28286	1	1	16.1		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.35	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.35	0.47	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTB-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	17:55:00	320-28286	1	1	16.1		18O2 PFHXS	18O2 PFHXS	80	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.9	12	12	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown10-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:10:00	320-28286	1	1	11.1		Perfluorooctanoic acid (PFOA)	335-67-1	0.16	UG_KG	JM		PR	TRG					00000000	SO			5.0	0.11	0.34	0.56	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown10-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:10:00	320-28286	1	1	11.1		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.23	UG_KG	J		PR	TRG					00000000	SO			5.0	0.14	0.34	0.56	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown10-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:10:00	320-28286	1	1	11.1		13C4 PFOA	13C4 PFOA	105	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown10-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:10:00	320-28286	1	1	11.1		13C4 PFOS	13C4 PFOS	71	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown10-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:10:00	320-28286	1	1	11.1		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.34	0.45	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown10-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:10:00	320-28286	1	1	11.1		18O2 PFHXS	18O2 PFHXS	90	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown10-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:18:00	320-28286	1	1	12.7		Perfluorooctanoic acid (PFOA)	335-67-1	0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.34	0.57	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown10-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:18:00	320-28286	1	1	12.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.14	0.34	0.57	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown10-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:18:00	320-28286	1	1	12.7		13C4 PFOA	13C4 PFOA	95	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown10-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:18:00	320-28286	1	1	12.7		13C4 PFOS	13C4 PFOS	62	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown10-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:18:00	320-28286	1	1	12.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.34	0.46	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown10-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:18:00	320-28286	1	1	12.7		18O2 PFHXS	18O2 PFHXS	83	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:26:00	320-28286	1	1	5.1		Perfluorooctanoic acid (PFOA)	335-67-1	0.31	UG_KG	U		PR	TRG					00000000	SO			5.0	0.11	0.31	0.52	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:26:00	320-28286	1	1	5.1		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.31	UG_KG	U		PR	TRG					00000000	SO			5.0	0.13	0.31	0.52	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:26:00	320-28286	1	1	5.1		13C4 PFOA	13C4 PFOA	100	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.2	10	10	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:26:00	320-28286	1	1	5.1		13C4 PFOS	13C4 PFOS	81	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.2	10	10	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:26:00	320-28286	1	1	5.1		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.31	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.11	0.31	0.42	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTA-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:26:00	320-28286	1	1	5.1		18O2 PFHXS	18O2 PFHXS	92	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.2	10	10	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTA-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:33:00	320-28286	1	1	7.3		Perfluorooctanoic acid (PFOA)	335-67-1	0.32	UG_KG	U		PR	TRG					00000000	SO			5.0	0.11	0.32	0.53	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTA-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:33:00	320-28286	1	1	7.3		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.32	UG_KG	U		PR	TRG					00000000	SO			5.0	0.13	0.32	0.53	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTA-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:33:00	320-28286	1	1	7.3		13C4 PFOA	13C4 PFOA	96	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.3	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTA-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:33:00	320-28286	1	1	7.3		13C4 PFOS	13C4 PFOS	73	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.3	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTA-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:33:00	320-28286	1	1	7.3		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.32	UG_KG	U		PR	TRG					00000000	SO			5.0	0.11	0.32	0.42	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EASTA-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/13/201	05/16/2017		20170519	08:07:00	20170607	18:33:00	320-28286	1	1	7.3		18O2 PFHXS	18O2 PFHXS	87	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.3	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-EB05-051317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/13/201	05/16/2017		20170518	17:41:00	20170520	06:42:00	320-28286	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0018	UG_L	UM		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00066	0.0018	0.0022	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB05-051317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/13/201	05/16/2017		20170518	17:41:00	20170520	06:42:00	320-28286	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0026	UG_L	UM		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.0011	0.0026	0.0035	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB05-051317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/13/201	05/16/2017		20170518	17:41:00	20170520	06:42:00	320-28286	1	1			13C4 PFOA	13C4 PFOA	129	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	44	88	88	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB05-051317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/13/201	05/16/2017		20170518	17:41:00	20170520	06:42:00	320-28286	1	1			13C4 PFOS	13C4 PFOS	112	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	44	88	88	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB05-051317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/13/201	05/16/2017		20170518	17:41:00	20170520	06:42:00	320-28286	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0018	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00081	0.0018	0.0022	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB05-051317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/13/201	05/16/2017		20170518	17:41:00	20170520	06:42:00	320-28286	1	1			18O2 PFHXS	18O2 PFHXS	111	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	44	88	88	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB06-051317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/13/201	05/16/2017		20170518	17:41:00	20170520	06:50:00	320-28286	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0018	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00068	0.0018	0.0023	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB06-051317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/13/201	05/16/2017		20170518	17:41:00	20170520	06:50:00	320-28286	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0027	UG_L	UM		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.0012	0.0027	0.0036	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB06-051317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/13/201	05/16/2017		20170518	17:41:00	20170520	06:50:00	320-28286	1	1			13C4 PFOA	13C4 PFOA	136	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	45	90	90	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB06-051317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/13/201	05/16/2017		20170518	17:41:00	20170520	06:50:00	320-28286	1	1			13C4 PFOS	13C4 PFOS	113	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	45	90	90	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB06-051317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/13/201	05/16/2017		20170518	17:41:00	20170520	06:50:00	320-28286	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0018	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00083	0.0018	0.0023	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB06-051317	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/13/201	05/16/2017		20170518	17:41:00	20170520	06:50:00	320-28286	1	1			18O2 PFHXS	18O2 PFHXS	109	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	45	90	90	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB07-051417	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/14/201	05/16/2017		20170518	17:41:00	20170520	06:57:00	320-28286	1	1			Perfluorooctanoic acid (PFOA)	335-67-1	0.0018	UG_L	UM		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00067	0.0018	0.0022	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB07-051417	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/14/201	05/16/2017		20170518	17:41:00	20170520	06:57:00	320-28286	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.0027	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.0011	0.0027	0.0036	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB07-051417	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/14/201	05/16/2017		20170518	17:41:00	20170520	06:57:00	320-28286	1	1			13C4 PFOA	13C4 PFOA	130	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	45	89	89	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB07-051417	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/14/201	05/16/2017		20170518	17:41:00	20170520	06:57:00	320-28286	1	1			13C4 PFOS	13C4 PFOS	109	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	45	89	89	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB07-051417	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/14/201	05/16/2017		20170518	17:41:00	20170520	06:57:00	320-28286	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.0018	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00082	0.0018	0.0022	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB07-051417	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/14/201	05/16/2017		20170518	17:41:00	20170520	06:57:00	320-28286	1	1			18O2 PFHXS	18O2 PFHXS	109	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	45	89	89	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1987-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:41:00	320-28286	1	1	5.5		Perfluorooctanoic acid (PFOA)	335-67-1	0.31	UG_KG	U		PR	TRG					00000000	SO			5.0	0.11	0.31	0.52	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1987-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:41:00	320-28286	1	1	5.5		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.31	UG_KG	U		PR	TRG					00000000	SO			5.0	0.13	0.31	0.52	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1987-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:41:00	320-28286	1	1	5.5		13C4 PFOA	13C4 PFOA	109	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.2	10	10	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1987-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:41:00	320-28286	1	1	5.5		13C4 PFOS	13C4 PFOS	79	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.2	10	10	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1987-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:41:00	320-28286	1	1	5.5		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.31	UG_KG	U		PR	TRG					00000000	SO			5.0	0.11	0.31	0.42	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1987-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:41:00	320-28286	1	1	5.5		18O2 PFHXS	18O2 PFHXS	92	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.2	10	10	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1987-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:49:00	320-28286	1	1	12.4		Perfluorooctanoic acid (PFOA)	335-67-1	0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.34	0.57	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1987-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:49:00	320-28286	1	1	12.4		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.14	0.34	0.57	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1987-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:49:00	320-28286	1	1	12.4		13C4 PFOA	13C4 PFOA	106	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1987-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:49:00	320-28286	1	1	12.4		13C4 PFOS	13C4 PFOS	91	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1987-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:49:00	320-28286	1	1	12.4		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.34	0.45	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1987-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:49:00	320-28286	1	1	12.4		18O2 PFHXS	18O2 PFHXS	98	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown20-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:56:00	320-28286	1	1	8.0		Perfluorooctanoic acid (PFOA)	335-67-1	0.34	UG_KG	JM		PR	TRG					00000000	SO			5.0	0.11	0.32	0.54	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown20-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:56:00	320-28286	1	1	8.0		Perfluorooctane Sulfonate (PFOS)	1763-23-1	15	UG_KG			PR	TRG					00000000	SO			5.0	0.14	0.32	0.54	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown20-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:56:00	320-28286	1	1	8.0		13C4 PFOA	13C4 PFOA	106	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.4	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown20-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:56:00	320-28286	1	1	8.0		13C4 PFOS	13C4 PFOS	77	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.4	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown20-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:56:00	320-28286	1	1	8.0		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.32	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.11	0.32	0.43	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown20-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	18:56:00	320-28286	1	1	8.0		18O2 PFHXS	18O2 PFHXS	89	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.4	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown20-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:04:00	320-28286	1	1	13.0		Perfluorooctanoic acid (PFOA)	335-67-1	0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.34	0.57	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown20-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:04:00	320-28286	1	1	13.0		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.14	0.34	0.57	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown20-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:04:00	320-28286	1	1	13.0		13C4 PFOA	13C4 PFOA	87	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown20-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:04:00	320-28286	1	1	13.0		13C4 PFOS	13C4 PFOS	41	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown20-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:04:00	320-28286	1	1	13.0		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.34	0.46	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown20-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:04:00	320-28286	1	1	13.0		18O2 PFHXS	18O2 PFHXS	71	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-ArrestingGearArea-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:12:00	320-28286	1	1	11.4		Perfluorooctanoic acid (PFOA)	335-67-1	0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.11	0.34	0.56	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-ArrestingGearArea-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:12:00	320-28286	1	1	11.4		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.14	0.34	0.56	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-ArrestingGearArea-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:12:00	320-28286	1	1	11.4		13C4 PFOA	13C4 PFOA	87	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-ArrestingGearArea-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:12:00	320-28286	1	1	11.4		13C4 PFOS	13C4 PFOS	42	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-ArrestingGearArea-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:12:00	320-28286	1	1	11.4		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.34	0.45	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-ArrestingGearArea-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:12:00	320-28286	1	1	11.4		18O2 PFHXS	18O2 PFHXS	81	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-ArrestingGearArea-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:20:00	320-28286	1	1	16.3		Perfluorooctanoic acid (PFOA)	335-67-1	0.36	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.36	0.60	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-ArrestingGearArea-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:20:00	320-28286	1	1	16.3		Perfluorooctane Sulfonate (PFOS)	1763-23-1	0.36	UG_KG	U		PR	TRG					00000000	SO			5.0	0.15	0.36	0.60	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-ArrestingGearArea-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:20:00	320-28286	1	1	16.3		13C4 PFOA	13C4 PFOA	90	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.0	12	12	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-ArrestingGearArea-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:20:00	320-28286	1	1	16.3		13C4 PFOS	13C4 PFOS	48	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.0	12	12	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-ArrestingGearArea-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:20:00	320-28286	1	1	16.3		Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.36	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.36	0.48	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-ArrestingGearArea-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:20:00	320-28286	1	1	16.3		18O2 PFHXS	18O2 PFHXS	80	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.0	12	12	320-28286	320-168107	

N6247016	JM01		MERIDIAN	MEAFF-Unknown16-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:35:00	320-28286	1	1	9.9		Perfluorooctanoic acid (PFOA)	335-67-1		0.33	UG_KG	U		PR	TRG					00000000	SO			5.0	0.11	0.33	0.54	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown16-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:35:00	320-28286	1	1	9.9		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.33	UG_KG	U		PR	TRG					00000000	SO			5.0	0.14	0.33	0.54	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown16-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:35:00	320-28286	1	1	9.9		13C4 PFOA	13C4 PFOA		92	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.4	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown16-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:35:00	320-28286	1	1	9.9		13C4 PFOS	13C4 PFOS		46	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.4	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown16-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:35:00	320-28286	1	1	9.9		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.33	UG_KG	U		PR	TRG					00000000	SO			5.0	0.11	0.33	0.44	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown16-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:35:00	320-28286	1	1	9.9		18O2 PFHXS	18O2 PFHXS		79	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.4	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown16-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:43:00	320-28286	1	1	13.5		Perfluorooctanoic acid (PFOA)	335-67-1		0.35	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.35	0.58	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown16-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:43:00	320-28286	1	1	13.5		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.35	UG_KG	U		PR	TRG					00000000	SO			5.0	0.15	0.35	0.58	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown16-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:43:00	320-28286	1	1	13.5		13C4 PFOA	13C4 PFOA		72	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.8	12	12	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown16-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:43:00	320-28286	1	1	13.5		13C4 PFOS	13C4 PFOS		40	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.8	12	12	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown16-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:43:00	320-28286	1	1	13.5		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.35	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.35	0.46	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-Unknown16-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:43:00	320-28286	1	1	13.5		18O2 PFHXS	18O2 PFHXS		65	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.8	12	12	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-FD06-051417	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:50:00	320-28286	1	1	11.0		Perfluorooctanoic acid (PFOA)	335-67-1		0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.11	0.34	0.56	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-FD06-051417	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:50:00	320-28286	1	1	11.0		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.14	0.34	0.56	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-FD06-051417	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:50:00	320-28286	1	1	11.0		13C4 PFOA	13C4 PFOA		77	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-FD06-051417	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:50:00	320-28286	1	1	11.0		13C4 PFOS	13C4 PFOS		38	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-FD06-051417	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:50:00	320-28286	1	1	11.0		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.34	0.45	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-FD06-051417	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:50:00	320-28286	1	1	11.0		18O2 PFHXS	18O2 PFHXS		66	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_03_2008-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:58:00	320-28286	1	1	12.6		Perfluorooctanoic acid (PFOA)	335-67-1		0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.34	0.57	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_03_2008-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:58:00	320-28286	1	1	12.6		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.14	0.34	0.57	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_03_2008-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:58:00	320-28286	1	1	12.6		13C4 PFOA	13C4 PFOA		80	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_03_2008-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:58:00	320-28286	1	1	12.6		13C4 PFOS	13C4 PFOS		38	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_03_2008-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:58:00	320-28286	1	1	12.6		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.34	0.46	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_03_2008-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	08:07:00	20170607	19:58:00	320-28286	1	1	12.6		18O2 PFHXS	18O2 PFHXS		69	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_03_2008-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	21:58:00	320-28286	1	1	11.6		Perfluorooctanoic acid (PFOA)	335-67-1		0.33	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.11	0.33	0.56	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_03_2008-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	21:58:00	320-28286	1	1	11.6		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.33	UG_KG	U		PR	TRG					00000000	SO			5.0	0.14	0.33	0.56	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_03_2008-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	21:58:00	320-28286	1	1	11.6		13C4 PFOA	13C4 PFOA		94	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_03_2008-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	21:58:00	320-28286	1	1	11.6		13C4 PFOS	13C4 PFOS		57	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_03_2008-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	21:58:00	320-28286	1	1	11.6		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.33	UG_KG	U		PR	TRG					00000000	SO			5.0	0.11	0.33	0.44	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C_03_2008-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	21:58:00	320-28286	1	1	11.6		18O2 PFHXS	18O2 PFHXS		68	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_Unknown-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:20:00	320-28286	1	1	19.1		Perfluorooctanoic acid (PFOA)	335-67-1		0.95	UG_KG	M		PR	TRG					00000000	SO			5.0	0.12	0.36	0.61	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_Unknown-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:20:00	320-28286	1	1	19.1		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.78	UG_KG	M		PR	TRG					00000000	SO			5.0	0.15	0.36	0.61	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_Unknown-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:20:00	320-28286	1	1	19.1		13C4 PFOA	13C4 PFOA		83	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.1	12	12	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_Unknown-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:20:00	320-28286	1	1	19.1		13C4 PFOS	13C4 PFOS		65	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.1	12	12	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_Unknown-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:20:00	320-28286	1	1	19.1		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.36	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.36	0.48	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_Unknown-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:20:00	320-28286	1	1	19.1		18O2 PFHXS	18O2 PFHXS		74	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.1	12	12	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_Unknown-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:28:00	320-28286	1	1	26.4		Perfluorooctanoic acid (PFOA)	335-67-1		0.33	UG_KG	JM		PR	TRG					00000000	SO			5.0	0.14	0.41	0.68	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_Unknown-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:28:00	320-28286	1	1	26.4		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.17	UG_KG	JM		PR	TRG					00000000	SO			5.0	0.17	0.41	0.68	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_Unknown-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:28:00	320-28286	1	1	26.4		13C4 PFOA	13C4 PFOA		108	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.8	14	14	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_Unknown-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:28:00	320-28286	1	1	26.4		13C4 PFOS	13C4 PFOS		83	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.8	14	14	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_Unknown-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:28:00	320-28286	1	1	26.4		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.41	UG_KG	U		PR	TRG					00000000	SO			5.0	0.14	0.41	0.54	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4_Unknown-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:28:00	320-28286	1	1	26.4		18O2 PFHXS	18O2 PFHXS		88	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.8	14	14	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-Unknown17-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:35:00	320-28286	1	1	11.6		Perfluorooctanoic acid (PFOA)	335-67-1		0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.34	0.57	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-Unknown17-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:35:00	320-28286	1	1	11.6		Perfluorooctane Sulfonate (PFOS)	1763-23-1		1.1	UG_KG			PR	TRG					00000000	SO			5.0	0.14	0.34	0.57	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-Unknown17-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:35:00	320-28286	1	1	11.6		13C4 PFOA	13C4 PFOA		100	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-Unknown17-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:35:00	320-28286	1	1	11.6		13C4 PFOS	13C4 PFOS		83	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-Unknown17-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:35:00	320-28286	1	1	11.6		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.34	0.45	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-Unknown17-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:35:00	320-28286	1	1	11.6		18O2 PFHXS	18O2 PFHXS		90	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-Unknown17-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:43:00	320-28286	1	1	11.7		Perfluorooctanoic acid (PFOA)	335-67-1		0.80	UG_KG			PR	TRG					00000000	SO			5.0	0.11	0.34	0.56	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-Unknown17-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:43:00	320-28286	1	1	11.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.65	UG_KG			PR	TRG					00000000	SO			5.0	0.14	0.34	0.56	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-Unknown17-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:43:00	320-28286	1	1	11.7		13C4 PFOA	13C4 PFOA		74	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-Unknown17-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:43:00	320-28286	1	1	11.7		13C4 PFOS	13C4 PFOS		51	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-Unknown17-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:43:00	320-28286	1	1	11.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.34	0.45	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-Unknown17-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:43:00	320-28286	1	1	11.7		18O2 PFHXS	18O2 PFHXS		60	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.6	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1992-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:50:00	320-28286	1	1	20.6		Perfluorooctanoic acid (PFOA)	335-67-1		0.37	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.13	0.37	0.62	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1992-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:50:00	320-28286	1	1	20.6		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.37	UG_KG	U		PR	TRG					00000000	SO			5.0	0.16	0.37	0.62	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1992-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:50:00	320-28286	1	1	20.6		13C4 PFOA	13C4 PFOA		77	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.2	12	12	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1992-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:50:00	320-28286	1	1	20.6		13C4 PFOS	13C4 PFOS		60	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.2	12	12	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1992-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:50:00	320-28286	1	1	20.6		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.37	UG_KG	U		PR	TRG					00000000	SO			5.0	0.13	0.37	0.50	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1992-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	22:50:00	320-28286	1	1	20.6		18O2 PFHXS	18O2 PFHXS		64	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	6.2	12	12	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1992-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:05:00	320-28286	1	1	14.7		Perfluorooctanoic acid (PFOA)	335-67-1		0.35	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.35	0.59	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1992-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:05:00	320-28286	1	1	14.7		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.35	UG_KG	U		PR	TRG					00000000	SO			5.0	0.15	0.35	0.59	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1992-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:05:00	320-28286	1	1	14.7		13C4 PFOA	13C4 PFOA		95	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.9	12	12	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1992-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:05:00	320-28286	1	1	14.7		13C4 PFOS	13C4 PFOS		60	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.9	12	12	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1992-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:05:00	320-28286	1	1	14.7		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.35	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.35	0.47	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1992-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:05:00	320-28286	1	1	14.7		18O2 PFHXS	18O2 PFHXS		77	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.9	12	12	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-EB08-051517	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/15/201	05/16/2017		20170518	17:41:00	20170520	07:12:00	320-28286	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.0018	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00068	0.0018	0.0023	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB08-051517	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/15/201	05/16/2017		20170518	17:41:00	20170520	07:12:00	320-28286	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.0027	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.0012	0.0027	0.0037	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB08-051517	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/15/201	05/16/2017		20170518	17:41:00	20170520	07:12:00	320-28286	1	1			13C4 PFOA	13C4 PFOA		129	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	46	91	91	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB08-051517	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/15/201	05/16/2017		20170518	17:41:00	20170520	07:12:00	320-28286	1	1			13C4 PFOS	13C4 PFOS		108	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	46	91	91	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB08-051517	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/15/201	05/16/2017		20170518	17:41:00	20170520	07:12:00	320-28286	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.0018	UG_L	U		PR	TRG					00000000	AQ (Field Blanks)			5.0	0.00084	0.0018	0.0023	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-EB08-051517	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	05/15/201	05/16/2017		20170518	17:41:00	20170520	07:12:00	320-28286	1	1			18O2 PFHXS	18O2 PFHXS		112	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	46	91	91	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1985-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:13:00	320-28286	1	1	14.5		Perfluorooctanoic acid (PFOA)	335-67-1		0.35	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.35	0.58	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1985-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:13:00	320-28286	1	1	14.5		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.35	UG_KG	U		PR	TRG					00000000	SO			5.0	0.15	0.35	0.58	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1985-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:13:00	320-28286	1	1	14.5		13C4 PFOA	13C4 PFOA		91	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.8	12	12	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1985-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:13:00	320-28286	1	1	14.5		13C4 PFOS	13C4 PFOS		51	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.8	12	12	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1985-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:13:00	320-28286	1	1	14.5		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.35	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.35	0.46	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1985-SB01-0001	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:13:00	320-28286	1	1	14.5		18O2 PFHXS	18O2 PFHXS		69	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.8	12	12	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1985-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:20:00	320-28286	1	1	13.1		Perfluorooctanoic acid (PFOA)	335-67-1		0.34	UG_KG	UM		PR	TRG					00000000	SO			5.0	0.12	0.34	0.57	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1985-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:20:00	320-28286	1	1	13.1		Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.14	0.34	0.57	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1985-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:20:00	320-28286	1	1	13.1		13C4 PFOA	13C4 PFOA		94	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1985-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:20:00	320-28286	1	1	13.1		13C4 PFOS	13C4 PFOS		58	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1985-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:20:00	320-28286	1	1	13.1		Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.34	UG_KG	U		PR	TRG					00000000	SO			5.0	0.12	0.34	0.45	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-TA-4J_1985-SB01-0204	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	REG	S	4	05/15/201	05/16/2017		20170519	09:45:00	20170524	23:20:00	320-28286	1	1	13.1		18O2 PFHXS	18O2 PFHXS		71	PCT_REC			PR	SURR		SLSA	150	25	00000000	SO			5.0	5.7	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C-03-2008-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:05:00	320-28286	1	1	11.6		Perfluorooctanoic acid (PFOA)	335-67-1		97	PCT_REC			PR	TRG		MSA	140	60	00000000				5.0	0.11	0.34	0.56	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C-03-2008-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:05:00	320-28286	1	1	11.6		Perfluorooctane Sulfonate (PFOS)	1763-23-1		101	PCT_REC			PR	TRG		MSA	140	60	00000000				5.0	0.14	0.34	0.56	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C-03-2008-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:05:00	320-28286	1	1	11.6		13C4 PFOA	13C4 PFOA		88	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.6	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C-03-2008-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:05:00	320-28286	1	1	11.6		13C4 PFOS	13C4 PFOS		51	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.6	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C-03-2008-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:05:00	320-28286	1	1	11.6		Perfluorobutanesulfonic acid (PFBS)	375-73-5		100	PCT_REC			PR	TRG		MSA	150	50	00000000				5.0	0.12	0.34	0.45	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C-03-2008-SB01-0204-MS	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MS	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:05:00	320-28286	1	1	11.6		18O2 PFHXS	18O2 PFHXS		68	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.6	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C-03-2008-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:13:00	320-28286	1	1	11.6		Perfluorooctanoic acid (PFOA)	335-67-1		97	PCT_REC			PR	TRG		MSP	140	60	00000000				5.0	0.11	0.34	0.56	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C-03-2008-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:13:00	320-28286	1	1	11.6		Perfluorooctane Sulfonate (PFOS)	1763-23-1		98	PCT_REC			PR	TRG		MSP	140	60	00000000				5.0	0.14	0.34	0.56	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C-03-2008-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:13:00	320-28286	1	1	11.6		13C4 PFOA	13C4 PFOA		99	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.6	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C-03-2008-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:13:00	320-28286	1	1	11.6		13C4 PFOS	13C4 PFOS		59	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.6	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C-03-2008-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:13:00	320-28286	1	1	11.6		Perfluorobutanesulfonic acid (PFBS)	375-73-5		103	PCT_REC			PR	TRG		MSP	150	50	00000000				5.0	0.12	0.34	0.45	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T-45C-03-2008-SB01-0204-SD	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	DRY	METHOD	000	MSD	S	4	05/14/201	05/16/2017		20170519	09:45:00	20170524	22:13:00	320-28286	1	1	11.6		18O2 PFHXS	18O2 PFHXS		77	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.6	11	11	320-28286	320-166071	
N6247016	JM01		MERIDIAN	LCS 320-165207/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	05:57:00	LCS 320-16	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		96	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.75	2.0	2.5	320-28286	320-165487	
N6247016	JM01		MERIDIAN	LCS 320-165207/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	05:57:00	LCS 320-16	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		95	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	1.3	3.0	4.0	320-28286	320-165487	
N6247016	JM01		MERIDIAN	LCS 320-165207/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	05:57:00	LCS 320-16	1	1			13C4 PFOA	13C4 PFOA		117	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28286	320-165487	
N6247016	JM01		MERIDIAN	LCS 320-165207/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	05:57:00	LCS 320-16	1	1			13C4 PFOS	13C4 PFOS		106	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28286	320-165487	
N6247016	JM01		MERIDIAN	LCS 320-165207/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	05:57:00	LCS 320-16	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		103	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.92	2.0	2.5	320-28286	320-165487	
N6247016	JM01		MERIDIAN	LCS 320-165207/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	05:57:00	LCS 320-16	1	1			18O2 PFHXS	18O2 PFHXS		107	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28286	320-165487	
N6247016	JM01		MERIDIAN	LCS 320-165234/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/19/201	05/19/2017		20170519	08:07:00	20170607	16:53:00	LCS 320-16	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		104	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.10	0.30	0.50	320-28286	320-168107	
N6247016	JM01		MERIDIAN	LCS 320-165234/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/19/201	05/19/2017		20170519	08:07:00	20170607	16:53:00	LCS 320-16	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		110	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.13	0.30	0.50	320-28286	320-168107	
N6247016	JM01		MERIDIAN	LCS 320-165234/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/19/201	05/19/2017		20170519	08:07:00	20170607	16:53:00	LCS 320-16	1	1			13C4 PFOA	13C4 PFOA		95	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.0	10	10	320-28286	320-168107	
N6247016	JM01		MERIDIAN	LCS 320-165234/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/19/201	05/19/2017		20170519	08:07:00	20170607	16:53:00	LCS 320-16	1	1			13C4 PFOS	13C4 PFOS		74	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.0	10	10	320-28286	320-168107	
N6247016	JM01		MERIDIAN	LCS 320-165234/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/19/201	05/19/2017		20170519	08:07:00	20170607	16:53:00	LCS 320-16	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		113	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.10	0.30	0.40	320-28286	320-168107	
N6247016	JM01		MERIDIAN	LCS 320-165234/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/19/201	05/19/2017		20170519	08:07:00	20170607	16:53:00	LCS 320-16	1	1			18O2 PFHXS	18O2 PFHXS		87	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.0	10	10	320-28286	320-168107	
N6247016	JM01		MERIDIAN	LCS 320-165287/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/19/201	05/19/2017		20170519	09:45:00	20170524	21:50:00	LCS 320-16	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		100	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.10	0.30	0.50	320-28286	320-166071	
N6247016	JM01		MERIDIAN	LCS 320-165287/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/19/201	05/19/2017		20170519	09:45:00	20170524	21:50:00	LCS 320-16	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		93	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.13	0.30	0.50	320-28286	320-166071	
N6247016	JM01		MERIDIAN	LCS 320-165287/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/19/201	05/19/2017		20170519	09:45:00	20170524	21:50:00	LCS 320-16	1	1			13C4 PFOA	13C4 PFOA		95	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.0	10	10	320-28286	320-166071	
N6247016	JM01		MERIDIAN	LCS 320-165287/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/19/201	05/19/2017		20170519	09:45:00	20170524	21:50:00	LCS 320-16	1	1			13C4 PFOS	13C4 PFOS		86	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.0	10	10	320-28286	320-166071	
N6247016	JM01		MERIDIAN	LCS 320-165287/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/19/201	05/19/2017		20170519	09:45:00	20170524	21:50:00	LCS 320-16	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		102	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.10	0.30	0.40	320-28286	320-166071	
N6247016	JM01		MERIDIAN	LCS 320-165287/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	BS	S	4	05/19/201	05/19/2017		20170519	09:45:00	20170524	21:50:00	LCS 320-16	1	1			18O2 PFHXS	18O2 PFHXS		83	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	5.0	10	10	320-28286	320-166071	
N6247016	JM01		MERIDIAN	LCSD 320-165207/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	06:04:00	LCSD 320-	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		95	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	0.75	2.0	2.5	320-28286	320-165487	
N6247016	JM01		MERIDIAN	LCSD 320-165207/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	06:04:00	LCSD 320-	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		93	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	1.3	3.0	4.0	320-28286	320-165487	
N6247016	JM01		MERIDIAN	LCSD 320-165207/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	06:04:00	LCSD 320-	1	1			13C4 PFOA	13C4 PFOA		114	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28286	320-165487	
N6247016	JM01		MERIDIAN	LCSD 320-165207/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	06:04:00	LCSD 320-	1	1			13C4 PFOS	13C4 PFOS		102	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28286	320-165487	
N6247016	JM01		MERIDIAN	LCSD 320-165207/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	06:04:00	LCSD 320-	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		105	PCT_REC			PR	TRG		LSP	150	50	00000000				5.0	0.92	2.0	2.5	320-28286	320-165487	
N6247016	JM01		MERIDIAN	LCSD 320-165207/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	06:04:00	LCSD 320-	1	1			18O2 PFHXS	18O2 PFHXS		101	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MB 320-165207/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	05:49:00	MB 320-16	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.002	UG_L	U		PR	TRG					00000000				5.0	0.00075	0.002	0.0025	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MB 320-165207/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	05:49:00	MB 320-16	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.003	UG_L	U		PR	TRG					00000000				5.0	0.0013	0.003	0.004	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MB 320-165207/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	05:49:00	MB 320-16	1	1			13C4 PFOA	13C4 PFOA		124	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MB 320-165207/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	05:49:00	MB 320-16	1	1			13C4 PFOS	13C4 PFOS		114	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MB 320-165207/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	05:49:00	MB 320-16	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.002	UG_L	U		PR	TRG					00000000				5.0	0.00092	0.002	0.0025	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MB 320-165207/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	05/18/201	05/18/2017		20170518	17:41:00	20170520	05:49:00	MB 320-16	1	1			18O2 PFHXS	18O2 PFHXS		110	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-28286	320-165487	
N6247016	JM01		MERIDIAN	MB 320-165234/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/19/201	05/19/2017		20170519	08:07:00	20170607	16:45:00	MB 320-16	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.30	UG_KG	U		PR	TRG					00000000				5.0	0.10	0.30	0.50	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MB 320-165234/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/19/201	05/19/2017		20170519	08:07:00	20170607	16:45:00	MB 320-16	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.30	UG_KG	U		PR	TRG					00000000				5.0	0.13	0.30	0.50	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MB 320-165234/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/19/201	05/19/2017		20170519	08:07:00	20170607	16:45:00	MB 320-16	1	1			13C4 PFOA	13C4 PFOA		99	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	5.0	10	10	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MB 320-165234/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/19/201	05/19/2017		20170519	08:07:00	20170607	16:45:00	MB 320-16	1	1			13C4 PFOS	13C4 PFOS		75	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	5.0	10	10	320-28286	320-168107	

N6247016	JM01		MERIDIAN	MB 320-165234/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/19/201	05/19/2017		20170519	08:07:00	20170607	16:45:00	MB 320-16	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.30	UG_KG	U		PR	TRG						00000000				5.0	0.10	0.30	0.40	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MB 320-165234/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/19/201	05/19/2017		20170519	08:07:00	20170607	16:45:00	MB 320-16	1	1			18O2 PFHXS	18O2 PFHXS		91	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	5.0	10	10	320-28286	320-168107	
N6247016	JM01		MERIDIAN	MB 320-165287/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/19/201	05/19/2017		20170519	09:45:00	20170524	21:43:00	MB 320-16	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.30	UG_KG	U		PR	TRG						00000000				5.0	0.10	0.30	0.50	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MB 320-165287/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/19/201	05/19/2017		20170519	09:45:00	20170524	21:43:00	MB 320-16	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.30	UG_KG	U		PR	TRG						00000000				5.0	0.13	0.30	0.50	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MB 320-165287/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/19/201	05/19/2017		20170519	09:45:00	20170524	21:43:00	MB 320-16	1	1			13C4 PFOA	13C4 PFOA		103	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	5.0	10	10	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MB 320-165287/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/19/201	05/19/2017		20170519	09:45:00	20170524	21:43:00	MB 320-16	1	1			13C4 PFOS	13C4 PFOS		83	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	5.0	10	10	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MB 320-165287/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/19/201	05/19/2017		20170519	09:45:00	20170524	21:43:00	MB 320-16	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.30	UG_KG	U		PR	TRG						00000000				5.0	0.10	0.30	0.40	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MB 320-165287/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	WET	METHOD	000	LB1	S	4	05/19/201	05/19/2017		20170519	09:45:00	20170524	21:43:00	MB 320-16	1	1			18O2 PFHXS	18O2 PFHXS		84	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	5.0	10	10	320-28286	320-166071	
N6247016	JM01		MERIDIAN	MEAFF-T45C-2004MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/15/201	06/17/2017		20170622	08:27:00	20170628	01:56:00	320-29198	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.0058	UG_L	M		PR	TRG						00000000	GW			5.0	0.00073	0.0019	0.0024	320-29198	320-171325	
N6247016	JM01		MERIDIAN	MEAFF-T45C-2004MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/15/201	06/17/2017		20170622	08:27:00	20170628	01:56:00	320-29198	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.01	UG_L			PR	TRG						00000000	GW			5.0	0.0012	0.0029	0.0039	320-29198	320-171325	
N6247016	JM01		MERIDIAN	MEAFF-T45C-2004MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/15/201	06/17/2017		20170622	08:27:00	20170628	01:56:00	320-29198	1	1			13C4 PFOA	13C4 PFOA		43	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	97	97	320-29198	320-171325	
N6247016	JM01		MERIDIAN	MEAFF-T45C-2004MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/15/201	06/17/2017		20170622	08:27:00	20170628	01:56:00	320-29198	1	1			13C4 PFOS	13C4 PFOS		92	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	97	97	320-29198	320-171325	
N6247016	JM01		MERIDIAN	MEAFF-T45C-2004MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/15/201	06/17/2017		20170622	08:27:00	20170628	01:56:00	320-29198	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.002	UG_L	J		PR	TRG						00000000	GW			5.0	0.00089	0.0019	0.0024	320-29198	320-171325	
N6247016	JM01		MERIDIAN	MEAFF-T45C-2004MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/15/201	06/17/2017		20170622	08:27:00	20170628	01:56:00	320-29198	1	1			18O2 PFHXS	18O2 PFHXS		95	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	97	97	320-29198	320-171325	
N6247016	JM01		MERIDIAN	MEAFF-EB05-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	02:46:00	320-29198	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.0019	UG_L	U		PR	TRG						00000000	AQ (Field Blanks)			5.0	0.00072	0.0019	0.0024	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB05-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	02:46:00	320-29198	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.0029	UG_L	UQ		PR	TRG						00000000	AQ (Field Blanks)			5.0	0.0012	0.0029	0.0038	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB05-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	02:46:00	320-29198	1	1			13C4 PFOA	13C4 PFOA		129	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	48	96	96	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB05-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	02:46:00	320-29198	1	1			13C4 PFOS	13C4 PFOS		104	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	48	96	96	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB05-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	02:46:00	320-29198	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.0019	UG_L	UM		PR	TRG						00000000	AQ (Field Blanks)			5.0	0.00088	0.0019	0.0024	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB05-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	02:46:00	320-29198	1	1			18O2 PFHXS	18O2 PFHXS		106	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	48	96	96	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-T45C-03-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	02:53:00	320-29198	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.002	UG_L	U		PR	TRG						00000000	GW			5.0	0.00075	0.002	0.0025	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-T45C-03-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	02:53:00	320-29198	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.002	UG_L	JQ		PR	TRG						00000000	GW			5.0	0.0013	0.003	0.004	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-T45C-03-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	02:53:00	320-29198	1	1			13C4 PFOA	13C4 PFOA		91	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	50	100	100	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-T45C-03-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	02:53:00	320-29198	1	1			13C4 PFOS	13C4 PFOS		107	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	50	100	100	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-T45C-03-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	02:53:00	320-29198	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.002	UG_L	UM		PR	TRG						00000000	GW			5.0	0.00092	0.002	0.0025	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-T45C-03-2008MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	02:53:00	320-29198	1	1			18O2 PFHXS	18O2 PFHXS		109	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	50	100	100	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-UNKN16MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:00:00	320-29198	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.0019	UG_L	UM		PR	TRG						00000000	GW			5.0	0.00072	0.0019	0.0024	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-UNKN16MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:00:00	320-29198	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.0029	UG_L	UMQ		PR	TRG						00000000	GW			5.0	0.0012	0.0029	0.0038	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-UNKN16MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:00:00	320-29198	1	1			13C4 PFOA	13C4 PFOA		63	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	48	96	96	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-UNKN16MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:00:00	320-29198	1	1			13C4 PFOS	13C4 PFOS		103	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	48	96	96	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-UNKN16MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:00:00	320-29198	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.0019	UG_L	U		PR	TRG						00000000	GW			5.0	0.00088	0.0019	0.0024	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-UNKN16MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:00:00	320-29198	1	1			18O2 PFHXS	18O2 PFHXS		107	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	48	96	96	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TA4-UNKNMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:07:00	320-29198	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.0047	UG_L	M		PR	TRG						00000000	GW			5.0	0.00073	0.002	0.0024	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TA4-UNKNMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:07:00	320-29198	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.0038	UG_L	JQ		PR	TRG						00000000	GW			5.0	0.0012	0.0029	0.0039	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TA4-UNKNMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:07:00	320-29198	1	1			13C4 PFOA	13C4 PFOA		82	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	98	98	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TA4-UNKNMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:07:00	320-29198	1	1			13C4 PFOS	13C4 PFOS		94	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	98	98	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TA4-UNKNMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:07:00	320-29198	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.0024	UG_L	M		PR	TRG						00000000	GW			5.0	0.0009	0.002	0.0024	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TA4-UNKNMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:07:00	320-29198	1	1			18O2 PFHXS	18O2 PFHXS		90	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	98	98	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TA4-UNKNMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	E1	REG	W	4	06/16/201	06/17/2017		20170713	09:26:00	20170715	04:35:00	320-29198	1	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.0024	UG_L	JH		PR	TRG						00000000	GW			5.0	0.00091	0.0021	0.0029	320-29198	320-174335	
N6247016	JM01		MERIDIAN	MEAFF-TA4-UNKNMW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	E1	REG	W	4	06/16/201	06/17/2017		20170713	09:26:00	20170715	04:35:00	320-29198	1	2			13C4 PFOS	13C4 PFOS		131	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	36	72	72	320-29198	320-174335	
N6247016	JM01		MERIDIAN	MEAFF-UNKN17MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:14:00	320-29198	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.0052	UG_L	M		PR	TRG						00000000	GW			5.0	0.00072	0.0019	0.0024	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-UNKN17MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:14:00	320-29198	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.038	UG_L	Q		PR	TRG						00000000	GW			5.0	0.0012	0.0029	0.0039	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-UNKN17MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:14:00	320-29198	1	1			13C4 PFOA	13C4 PFOA		59	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	48	96	96	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-UNKN17MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:14:00	320-29198	1	1			13C4 PFOS	13C4 PFOS		107	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	48	96	96	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-UNKN17MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:14:00	320-29198	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.002	UG_L	J		PR	TRG						00000000	GW			5.0	0.00089	0.0019	0.0024	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-UNKN17MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:14:00	320-29198	1	1			18O2 PFHXS	18O2 PFHXS		113	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	48	96	96	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-UNKN17MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	E1	REG	W	4	06/16/201	06/17/2017		20170713	09:26:00	20170715	04:41:00	320-29198	1	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.032	UG_L	H		PR	TRG						00000000	GW			5.0	0.0013	0.003	0.0039	320-29198	320-174335	
N6247016	JM01		MERIDIAN	MEAFF-UNKN17MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	E1	REG	W	4	06/16/201	06/17/2017		20170713	09:26:00	20170715	04:41:00	320-29198	1	2			13C4 PFOS	13C4 PFOS		127	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	99	99	320-29198	320-174335	
N6247016	JM01		MERIDIAN	MEAFF-EB06-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:21:00	320-29198	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.002	UG_L	U		PR	TRG						00000000	AQ (Field Blanks)			5.0	0.00073	0.002	0.0024	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB06-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:21:00	320-29198	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.0029	UG_L	UMQ		PR	TRG						00000000	AQ (Field Blanks)			5.0	0.0012	0.0029	0.0039	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB06-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:21:00	320-29198	1	1			13C4 PFOA	13C4 PFOA		140	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	49	98	98	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB06-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:21:00	320-29198	1	1			13C4 PFOS	13C4 PFOS		109	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	49	98	98	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB06-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:21:00	320-29198	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.002	UG_L	U		PR	TRG						00000000	AQ (Field Blanks)			5.0	0.0009	0.002	0.0024	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB06-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:21:00	320-29198	1	1			18O2 PFHXS	18O2 PFHXS		112	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	49	98	98	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1992MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:28:00	320-29198	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.24	UG_L	M		PR	TRG						00000000	GW			5.0	0.00074	0.002	0.0025	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1992MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:28:00	320-29198	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.18	UG_L	Q		PR	TRG						00000000	GW			5.0	0.0013	0.003	0.004	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1992MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:28:00	320-29198	1	1			13C4 PFOA	13C4 PFOA		66	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	99	99	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1992MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:28:00	320-29198	1	1			13C4 PFOS	13C4 PFOS		89	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	99	99	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1992MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:28:00	320-29198	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.047	UG_L			PR	TRG						00000000	GW			5.0	0.00091	0.002	0.0025	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1992MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:28:00	320-29198	1	1			18O2 PFHXS	18O2 PFHXS		83	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	99	99	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1992MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	E1	REG	W	4	06/16/201	06/17/2017		20170713	09:26:00	20170715	04:48:00	320-29198	1	2			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.16	UG_L	H		PR	TRG						00000000	GW			5.0	0.0013	0.003	0.004	320-29198	320-174335	
N6247016	JM01		MERIDIAN	MEAFF-TA4J-1992MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	E1	REG	W	4	06/16/201	06/17/2017		20170713	09:26:00	20170715	04:48:00	320-29198	1	2			13C4 PFOS	13C4 PFOS		118	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	50	99	99	320-29198	320-174335	
N6247016	JM01		MERIDIAN	MEAFF-TT45C-2005MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:42:00	320-29198	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.0019	UG_L	UM		PR	TRG						00000000	GW			5.0	0.00073	0.0019	0.0024	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TT45C-2005MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:42:00	320-29198	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.0029	UG_L	UMQ		PR	TRG						00000000	GW			5.0	0.0012	0.0029	0.0039	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TT45C-2005MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:42:00	320-29198	1	1			13C4 PFOA	13C4 PFOA		86	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	97	97	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TT45C-2005MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:42:00	320-29198	1	1			13C4 PFOS	13C4 PFOS		99	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	97	97	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TT45C-2005MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:42:00	320-29198	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.0019	UG_L	U		PR	TRG						00000000	GW			5.0	0.00089	0.0019	0.0024	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-TT45C-2005MW01-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:42:00	320-29198	1	1			18O2 PFHXS	18O2 PFHXS		106	PCT_REC			PR	SURR		SLSA	150	25	00000000	GW			5.0	49	97	97	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB07-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:48:00	320-29198	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.0019	UG_L	U		PR	TRG						00000000	AQ (Field Blanks)			5.0	0.00072	0.0019	0.0024	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB07-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:48:00	320-29198	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.0029	UG_L	UQ		PR	TRG						00000000	AQ (Field Blanks)			5.0	0.0012	0.0029	0.0038	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB07-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:48:00	320-29198	1	1			13C4 PFOA	13C4 PFOA		137	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	48	96	96	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB07-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:48:00	320-29198	1	1			13C4 PFOS	13C4 PFOS		113	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	48	96	96	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB07-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:48:00	320-29198	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.0019	UG_L	UM		PR	TRG						00000000	AQ (Field Blanks)			5.0	0.00088	0.0019	0.0024	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MEAFF-EB07-0617	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	REG	W	4	06/16/201	06/17/2017		20170623	08:10:00	20170629	03:48:00	320-29198	1	1			18O2 PFHXS	18O2 PFHXS		109	PCT_REC			PR	SURR		SLSA	150	25	00000000	AQ (Field Blanks)			5.0	48	96	96	320-29198	320-171596	
N6247016	JM01		MERIDIAN	LCS 320-170434/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/22/201	06/22/2017		20170622	08:27:00	20170625	01:14:00	LCS 320-17	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		99	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.75	2.0	2.5	320-29198	320-170860	
N6247016	JM01		MERIDIAN	LCS 320-170434/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/22/201	06/22/2017		20170622	08:27:00	20170625	01:14:00	LCS 320-17	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		109	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	1.3	3.0	4.0	320-29198	320-170860	
N6247016	JM01		MERIDIAN	LCS 320-170434/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/22/201	06/22/2017		20170622	08:27:00	20170625	01:14:00	LCS 320-17	1	1			13C4 PFOA	13C4 PFOA		88	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29198	320-170860	
N6247016	JM01		MERIDIAN	LCS 320-170434/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/22/201	06/22/2017		20170622	08:27:00	20170625	01:14:00	LCS 320-17	1	1			13C4 PFOS	13C4 PFOS		101	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29198	320-170860	
N6247016	JM01		MERIDIAN	LCS 320-170434/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/22/201	06/22/2017		20170622	08:27:00	20170625	01:14:00	LCS 320-17	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		121	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.92	2.0	2.5	320-29198	320-170860	
N6247016	JM01		MERIDIAN	LCS 320-170434/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/22/201	06/22/2017		20170622	08:27:00	20170625	01:14:00	LCS 320-17	1	1			18O2 PFHXS	18O2 PFHXS		107	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29198	320-170860	
N6247016	JM01		MERIDIAN	LCS 320-170613/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:33:00	LCS 320-17	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		104	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.75	2.0	2.5	320-29198	320-171596	
N6247016	JM01		MERIDIAN	LCS 320-170613/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:33:00	LCS 320-17	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		151	PCT_REC	Q		PR	TRG		LSA	140	60	00000000				5.0	1.3	3.0	4.0	320-29198	320-171596	
N6247016	JM01		MERIDIAN	LCS 320-170613/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:33:00	LCS 320-17	1	1			13C4 PFOA	13C4 PFOA		123	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29198	320-171596	
N6247016	JM01		MERIDIAN	LCS 320-170613/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:33:00	LCS 320-17	1	1			13C4 PFOS	13C4 PFOS		101	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29198	320-171596	
N6247016	JM01		MERIDIAN	LCS 320-170613/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:33:00	LCS 320-17	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		119	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.92	2.0	2.5	320-29198	320-171596	
N6247016	JM01		MERIDIAN	LCS 320-170613/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:33:00	LCS 320-17	1	1			18O2 PFHXS	18O2 PFHXS		106	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29198	320-171596	
N6247016	JM01		MERIDIAN	LCS 320-173923/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:12:00	LCS 320-17	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		98	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	0.75	2.0	2.5	320-29198	320-174335	
N6247016	JM01		MERIDIAN	LCS 320-173923/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:12:00	LCS 320-17	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		93	PCT_REC			PR	TRG		LSA	140	60	00000000				5.0	1.3	3.0	4.0	320-29198	320-174335	
N6247016	JM01		MERIDIAN	LCS 320-173923/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:12:00	LCS 320-17	1	1			13C4 PFOA	13C4 PFOA		125	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29198	320-174335	
N6247016	JM01		MERIDIAN	LCS 320-173923/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:12:00	LCS 320-17	1	1			13C4 PFOS	13C4 PFOS		122	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29198	320-174335	
N6247016	JM01		MERIDIAN	LCS 320-173923/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:12:00	LCS 320-17	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		101	PCT_REC			PR	TRG		LSA	150	50	00000000				5.0	0.92	2.0	2.5	320-29198	320-174335	
N6247016	JM01		MERIDIAN	LCS 320-173923/2-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BS	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:12:00	LCS 320-17	1	1			18O2 PFHXS	18O2 PFHXS		124	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29198	320-174335	
N6247016	JM01		MERIDIAN	LCSD 320-170613/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:39:00	LCSD 320-	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		103	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	0.75	2.0	2.5	320-29198	320-171596	
N6247016	JM01		MERIDIAN	LCSD 320-170613/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:39:00	LCSD 320-	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		112	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	1.3	3.0	4.0	320-29198	320-171596	
N6247016	JM01		MERIDIAN	LCSD 320-170613/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:39:00	LCSD 320-	1	1			13C4 PFOA	13C4 PFOA		122	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29198	320-171596	
N6247016	JM01		MERIDIAN	LCSD 320-170613/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:39:00	LCSD 320-	1	1			13C4 PFOS	13C4 PFOS		105	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29198	320-171596	
N6247016	JM01		MERIDIAN	LCSD 320-170613/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:39:00	LCSD 320-	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		123	PCT_REC			PR	TRG		LSP	150	50	00000000				5.0	0.92	2.0	2.5	320-29198	320-171596	
N6247016	JM01		MERIDIAN	LCSD 320-170613/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:39:00	LCSD 320-	1	1			18O2 PFHXS	18O2 PFHXS		110	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29198	320-171596	
N6247016	JM01		MERIDIAN	LCSD 320-173923/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:19:00	LCSD 320-	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		96	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	0.75	2.0	2.5	320-29198	320-174335	
N6247016	JM01		MERIDIAN	LCSD 320-173923/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:19:00	LCSD 320-	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		98	PCT_REC			PR	TRG		LSP	140	60	00000000				5.0	1.3	3.0	4.0	320-29198	320-174335	
N6247016	JM01		MERIDIAN	LCSD 320-173923/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:19:00	LCSD 320-	1	1			13C4 PFOA	13C4 PFOA		131	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29198	320-174335	
N6247016	JM01		MERIDIAN	LCSD 320-173923/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:19:00	LCSD 320-	1	1			13C4 PFOS	13C4 PFOS		128	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29198	320-174335	
N6247016	JM01		MERIDIAN	LCSD 320-173923/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:19:00	LCSD 320-	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		93	PCT_REC			PR	TRG		LSP	150	50	00000000				5.0	0.92	2.0	2.5	320-29198	320-174335	
N6247016	JM01		MERIDIAN	LCSD 320-173923/3-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	BSD	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:19:00	LCSD 320-	1	1			18O2 PFHXS	18O2 PFHXS		130	PCT_REC			PR	SURR		SLSA	150	25	00000000				5.0	50	100	100	320-29198	320-174335	
N6247016	JM01		MERIDIAN	MB 320-170434/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/22/201	06/22/2017		20170622	08:27:00	20170628	11:29:00	MB 320-17	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.002	UG_L	U		PR	TRG						00000000				5.0	0.00075	0.002	0.0025	320-29198	320-171405	
N6247016	JM01		MERIDIAN	MB 320-170434/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/22/201	06/22/2017		20170622	08:27:00	20170628	11:29:00	MB 320-17	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.003	UG_L	U		PR	TRG						00000000				5.0	0.0013	0.003	0.004	320-29198	320-171405	
N6247016	JM01		MERIDIAN	MB 320-170434/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/22/201	06/22/2017		20170622	08:27:00	20170628	11:29:00	MB 320-17	1	1			13C4 PFOA	13C4 PFOA		117	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-29198	320-171405	
N6247016	JM01		MERIDIAN	MB 320-170434/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/22/201	06/22/2017		20170622	08:27:00	20170628	11:29:00	MB 320-17	1	1			13C4 PFOS	13C4 PFOS		99	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-29198	320-171405	
N6247016	JM01		MERIDIAN	MB 320-170434/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/22/201	06/22/2017		20170622	08:27:00	20170628	11:29:00	MB 320-17	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.002	UG_L	U		PR	TRG						00000000				5.0	0.00092	0.002	0.0025	320-29198	320-171405	
N6247016	JM01		MERIDIAN	MB 320-170434/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/22/201	06/22/2017		20170622	08:27:00	20170628	11:29:00	MB 320-17	1	1			18O2 PFHXS	18O2 PFHXS		102	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-29198	320-171405	
N6247016	JM01		MERIDIAN	MB 320-170613/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:26:00	MB 320-17	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.002	UG_L	U		PR	TRG						00000000				5.0	0.00075	0.002	0.0025	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MB 320-170613/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:26:00	MB 320-17	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.003	UG_L	U		PR	TRG						00000000				5.0	0.0013	0.003	0.004	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MB 320-170613/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:26:00	MB 320-17	1	1			13C4 PFOA	13C4 PFOA		122	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MB 320-170613/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:26:00	MB 320-17	1	1			13C4 PFOS	13C4 PFOS		100	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MB 320-170613/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:26:00	MB 320-17	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.002	UG_L	UM		PR	TRG						00000000				5.0	0.00092	0.002	0.0025	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MB 320-170613/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	06/23/201	06/23/2017		20170623	08:10:00	20170629	02:26:00	MB 320-17	1	1			18O2 PFHXS	18O2 PFHXS		103	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-29198	320-171596	
N6247016	JM01		MERIDIAN	MB 320-173923/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:05:00	MB 320-17	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.002	UG_L	UM		PR	TRG						00000000				5.0	0.00075	0.002	0.0025	320-29198	320-174335	
N6247016	JM01		MERIDIAN	MB 320-173923/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:05:00	MB 320-17	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.003	UG_L	U		PR	TRG						00000000				5.0	0.0013	0.003	0.004	320-29198	320-174335	
N6247016	JM01		MERIDIAN	MB 320-173923/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:05:00	MB 320-17	1	1			13C4 PFOA	13C4 PFOA		136	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-29198	320-174335	
N6247016	JM01		MERIDIAN	MB 320-173923/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:05:00	MB 320-17	1	1			13C4 PFOS	13C4 PFOS		123	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-29198	320-174335	
N6247016	JM01		MERIDIAN	MB 320-173923/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:05:00	MB 320-17	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.002	UG_L	UM		PR	TRG						00000000				5.0	0.00092	0.002	0.0025	320-29198	320-174335	
N6247016	JM01		MERIDIAN	MB 320-173923/1-A	NONS	SVOA	537_MOD	ORG	TAMER	Test Amer	NONE	NA	SW3535	000	LB1	W	4	07/13/201	07/13/2017		20170713	09:26:00	20170715	03:05:00	MB 320-17	1	1			18O2 PFHXS	18O2 PFHXS		125	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0	50	100	100	320-29198	320-174335	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Dichlorodifluoromethane (Freon-12)	75-71-8	5.0	5.0	UG_KG	U	U		TRG									4.2	0.92	5.0	10.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Chloromethane	74-87-3	5.0	5.0	UG_KG	U	U		TRG									4.2	1.4	5.0	10.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Vinyl chloride	75-01-4	5.0	5.0	UG_KG	U	U		TRG									4.2	0.87	5.0	10.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Bromomethane	74-83-9	5.0	5.0	UG_KG	U	U		TRG									4.2	1.1	5.0	10.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Chloroethane	75-00-3	5.0	5.0	UG_KG	U	U		TRG									4.2	1.3	5.0	10.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Trichlorofluoromethane (Freon-11)	75-69-4	5.0	5.0	UG_KG	U	U		TRG									4.2	0.91	5.0	10.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,1-Dichloroethene	75-35-4	2.5	2.5	UG_KG	U	U		TRG									4.2	0.93	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Carbon disulfide	75-15-0	2.5	2.5	UG_KG	U	U		TRG									4.2	0.78	2.5	5.0	SK1680	WG201539	

N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	2.5	2.5	UG_KG	U	U		TRG									4.2	0.90	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Methylene chloride	75-09-2	12	12	UG_KG	U	U		TRG									4.2	7.9	12.	25.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Acetone	67-64-1	12	12	UG_KG	U	U		TRG									4.2	5.1	12.	25.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			trans-1,2-Dichloroethene	156-60-5	2.5	2.5	UG_KG	U	U		TRG									4.2	0.71	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Methyl-tert-butyl ether (MTBE)	1634-04-4	2.5	2.5	UG_KG	U	U		TRG									4.2	1.1	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,1-Dichloroethane	75-34-3	2.5	2.5	UG_KG	U	U		TRG									4.2	1.7	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			cis-1,2-Dichloroethene	156-59-2	2.5	2.5	UG_KG	U	U		TRG									4.2	0.91	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Chloroform	67-66-3	2.5	2.5	UG_KG	U	U		TRG									4.2	0.35	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Carbon tetrachloride	56-23-5	2.5	2.5	UG_KG	U	U		TRG									4.2	1.3	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,1,1-Trichloroethane	71-55-6	2.5	2.5	UG_KG	U	U		TRG									4.2	0.42	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			2-Butanone	78-93-3	12	12	UG_KG	U	U		TRG									4.2	5.9	12.	25.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Benzene	71-43-2	2.5	2.5	UG_KG	U	U		TRG									4.2	0.92	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Cyclohexane	110-82-7	2.5	2.5	UG_KG	U	U		TRG									4.2	1.4	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,2-Dichloroethane	107-06-2	2.5	2.5	UG_KG	U	U		TRG									4.2	1.0	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Trichloroethene	79-01-6	2.5	2.5	UG_KG	U	U		TRG									4.2	0.59	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,2-Dichloropropane	78-87-5	2.5	2.5	UG_KG	U	U		TRG									4.2	1.4	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Bromodichloromethane	75-27-4	2.5	2.5	UG_KG	U	U		TRG									4.2	0.60	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			cis-1,3-Dichloropropene	10061-01-	2.5	2.5	UG_KG	U	U		TRG									4.2	0.72	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Toluene	108-88-3	2.5	2.5	UG_KG	U	U		TRG									4.2	1.4	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			4-Methyl-2-pentanone	108-10-1	12	12	UG_KG	U	U		TRG									4.2	5.9	12.	25.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Tetrachloroethene	127-18-4	2.5	2.5	UG_KG	U	U		TRG									4.2	1.2	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			trans-1,3-Dichloropropene	10061-02-	2.5	2.5	UG_KG	U	U		TRG									4.2	0.86	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,1,2-Trichloroethane	79-00-5	2.5	2.5	UG_KG	U	U		TRG									4.2	0.97	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Dibromochloromethane	124-48-1	2.5	2.5	UG_KG	U	U		TRG									4.2	1.0	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,2-Dibromoethane	106-93-4	2.5	2.5	UG_KG	U	U		TRG									4.2	1.2	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			2-Hexanone	591-78-6	12	12	UG_KG	U	U		TRG									4.2	4.8	12.	25.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Chlorobenzene	108-90-7	2.5	2.5	UG_KG	U	U		TRG									4.2	0.51	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Ethylbenzene	100-41-4	2.5	2.5	UG_KG	U	U		TRG									4.2	0.65	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Xylene, total	1330-20-7	7.5	7.5	UG_KG	U	U		TRG									4.2	1.3	7.5	15.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			m- and p-Xylene	m&pXYLEN	5.0	5.0	UG_KG	U	U		TRG									4.2	1.7	5.0	10.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			o-Xylene	95-47-6	2.5	2.5	UG_KG	U	U		TRG									4.2	1.3	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Styrene	100-42-5	2.5	2.5	UG_KG	U	U		TRG									4.2	0.51	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Bromoform	75-25-2	2.5	2.5	UG_KG	U	U		TRG									4.2	0.70	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Isopropylbenzene	98-82-8	2.5	2.5	UG_KG	U	U		TRG									4.2	0.92	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,1,2,2-Tetrachloroethane	79-34-5	2.5	2.5	UG_KG	U	U		TRG									4.2	0.84	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,3-Dichlorobenzene	541-73-1	2.5	2.5	UG_KG	U	U		TRG									4.2	0.62	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,4-Dichlorobenzene	106-46-7	2.5	2.5	UG_KG	U	U		TRG									4.2	0.44	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,2-Dichlorobenzene	95-50-1	2.5	2.5	UG_KG	U	U		TRG									4.2	0.78	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,2-Dibromo-3-chloropropane	96-12-8	2.5	2.5	UG_KG	U	U		TRG									4.2	1.5	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,2,4-Trichlorobenzene	120-82-1	2.5	2.5	UG_KG	U	U		TRG									4.2	0.79	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			1,2,3-Trichlorobenzene	87-61-6	2.5	2.5	UG_KG	U	U		TRG									4.2	0.76	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Bromochloromethane	74-97-5	2.5	2.5	UG_KG	U	U		TRG									4.2	0.91	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Methyl acetate	79-20-9	3.0	3.0	UG_KG	U	U		TRG									4.2	2.7	3.0	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BLK	S	4	03/17/201	03/17/2017		20170317	11:45:00	20170317	11:45:00	WG20153	1	1			Methylcyclohexane	108-87-2	2.5	2.5	UG_KG	U	U		TRG									4.2	0.96	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Dichlorodifluoromethane (Freon-12)	75-71-8	42.6	42.6	UG_KG				TRG		LSA	135	35	20091101				4.2	0.92	5.0	10.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Chloromethane	74-87-3	46.6	46.6	UG_KG				TRG		LSA	130	50	20091101				4.2	1.4	5.0	10.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Vinyl chloride	75-01-4	51.0	51.0	UG_KG				TRG		LSA	125	60	20091101				4.2	0.87	5.0	10.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Bromomethane	74-83-9	53.7	53.7	UG_KG				TRG		LSA	160	30	20091101				4.2	1.1	5.0	10.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Chloroethane	75-00-3	55.8	55.8	UG_KG				TRG		LSA	155	40	20091101				4.2	1.3	5.0	10.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Trichlorofluoromethane (Freon-11)	75-69-4	60.8	60.8	UG_KG				TRG		LSA	185	25	20091101				4.2	0.91	5.0	10.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,1-Dichloroethene	75-35-4	54.6	54.6	UG_KG				TRG		LSA	135	65	20091101				4.2	0.93	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Carbon disulfide	75-15-0	63.2	63.2	UG_KG				TRG		LSA	160	45	20091101				4.2	0.78	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	54.9	54.9	UG_KG				TRG		LSA	135	67	20091101				4.2	0.90	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Methylene chloride	75-09-2	49.5	49.5	UG_KG				TRG		LSA	140	55	20091101				4.2	7.9	12.	25.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Acetone	67-64-1	59.4	59.4	UG_KG				TRG		LSA	160	20	20091101				4.2	5.1	12.	25.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			trans-1,2-Dichloroethene	156-60-5	58.7	58.7	UG_KG				TRG		LSA	135	65	20091101				4.2	0.71	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Methyl-tert-butyl ether (MTBE)	1634-04-4	119.	119.	UG_KG				TRG		LSA	125	81	20091101				4.2	1.1	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,1-Dichloroethane	75-34-3	57.4	57.4	UG_KG				TRG		LSA	125	75	20091101				4.2	1.7	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			cis-1,2-Dichloroethene	156-59-2	52.0	52.0	UG_KG				TRG		LSA	125	65	20091101				4.2	0.91	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Chloroform	67-66-3	56.1	56.1	UG_KG				TRG		LSA	125	70	20091101				4.2	0.35	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Carbon tetrachloride	56-23-5	58.9	58.9	UG_KG				TRG		LSA	135	65	20091101				4.2	1.3	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,1,1-Trichloroethane	71-55-6	57.8	57.8	UG_KG				TRG		LSA	135	70	20091101				4.2	0.42	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			2-Butanone	78-93-3	54.7	54.7	UG_KG				TRG		LSA	160	30	20091101				4.2	5.9	12.	25.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Benzene	71-43-2	54.5	54.5	UG_KG				TRG		LSA	125	75	20091101				4.2	0.92	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Cyclohexane	110-82-7	57.9	57.9	UG_KG				TRG		LSA	128	75	20091101				4.2	1.4	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,2-Dichloroethane	107-06-2	57.2	57.2	UG_KG				TRG		LSA	135	70	20091101				4.2	1.0	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Trichloroethene	79-01-6	58.8	58.8	UG_KG				TRG		LSA	125	75	20091101				4.2	0.59	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,2-Dichloropropane	78-87-5	55.7	55.7	UG_KG				TRG		LSA	120	70	20091101				4.2	1.4	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Bromodichloromethane	75-27-4	58.4	58.4	UG_KG				TRG		LSA	130	70	20091101				4.2	0.60	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			cis-1,3-Dichloropropene	10061-01-	58.7	58.7	UG_KG				TRG		LSA	125	70	20091101				4.2	0.72	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Toluene	108-88-3	53.7	53.7	UG_KG				TRG		LSA	125	70	20091101				4.2	1.4	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			4-Methyl-2-pentanone	108-10-1	56.5	56.5	UG_KG				TRG		LSA	145	45	20091101				4.2	5.9	12.	25.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Tetrachloroethene	127-18-4	55.1	55.1	UG_KG				TRG		LSA	140	65	20091101				4.2	1.2	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			trans-1,3-Dichloropropene	10061-02-	63.2	63.2	UG_KG	*	*		TRG		LSA	125	65	20091101				4.2	0.86	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,1,2-Trichloroethane	79-00-5	56.5	56.5	UG_KG				TRG		LSA	125	60	20091101				4.2	0.97	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Dibromochloromethane	124-48-1	57.8	57.8	UG_KG				TRG		LSA	130	65	20091101				4.2	1.0	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,2-Dibromoethane	106-93-4	55.7	55.7	UG_KG				TRG		LSA	125	70	20091101				4.2	1.2	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			2-Hexanone	591-78-6	54.6	54.6	UG_KG				TRG		LSA	145	45	20091101				4.2	4.8	12.	25.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Chlorobenzene	108-90-7	54.8	54.8	UG_KG				TRG		LSA	125	75	20091101				4.2	0.51	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Ethylbenzene	100-41-4	53.4	53.4	UG_KG				TRG		LSA	125	75	20091101				4.2	0.65	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Xylene, total	1330-20-7	163.	163.	UG_KG				TRG		LSA	114	81	20091101				4.2	1.3	7.5	15.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			m- and p-Xylene	m&pXYLEN	110.	110.	UG_KG				TRG		LSA	125	80	20091101				4.2	1.7	5.0	10.	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			o-Xylene	95-47-6	53.9	53.9	UG_KG				TRG		LSA	125	75	20091101				4.2	1.3	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Styrene	100-42-5	55.4	55.4	UG_KG				TRG		LSA	125	75	20091101				4.2	0.51	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Bromoform	75-25-2	59.4	59.4	UG_KG				TRG		LSA	135	55	20091101				4.2	0.70	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Isopropylbenzene	98-82-8	55.2	55.2	UG_KG				TRG		LSA	130	75	20091101				4.2	0.92	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,1,2,2-Tetrachloroethane	79-34-5	53.9	53.9	UG_KG				TRG		LSA	130	55	20091101				4.2	0.84	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,3-Dichlorobenzene	541-73-1	57.3	57.3	UG_KG				TRG		LSA	125	70	20091101				4.2	0.62	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,4-Dichlorobenzene	106-46-7	57.5	57.5	UG_KG				TRG		LSA	125	70	20091101				4.2	0.44	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,2-Dichlorobenzene	95-50-1	55.4	55.4	UG_KG				TRG		LSA	120	75	20091101				4.2	0.78	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,2-Dibromo-3-chloropropane	96-12-8	59.8	59.8	UG_KG				TRG		LSA	135	40	20091101				4.2	1.5	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,2,4-Trichlorobenzene	120-82-1	65.6	65.6	UG_KG	*	*		TRG		LSA	130	65	20091101				4.2	0.79	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			1,2,3-Trichlorobenzene	87-61-6	60.3	60.3	UG_KG				TRG		LSA	135	60	20091101				4.2	0.76	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Bromochloromethane	74-97-5	54.8	54.8	UG_KG				TRG		LSA	125	70	20091101				4.2	0.91	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Methyl acetate	79-20-9	51.9	51.9	UG_KG				TRG		LSA	133	72	20091101				4.2	2.7	3.0	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	WG201539-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	DRY	SW5035	000	BS	S	4	03/17/201	03/17/2017		20170317	09:38:00	20170317	09:38:00	WG20153	1	1			Methylcyclohexane	108-87-2	62.3	62.3	UG_KG				TRG		LSA	127	71	20091101				4.2	0.96	2.5	5.0	SK1680	WG201539	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Dichlorodifluoromethane (Freon-12)	75-71-8	1.0	1.0	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.24	1.0	2.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Chloromethane	74-87-3	1.0	1.0	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.36	1.0	2.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Vinyl chloride	75-01-4	1.0	1.0	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.25	1.0	2.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Bromomethane	74-83-9	1.0	1.0	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.49	1.0	2.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Chloroethane	75-00-3	1.0	1.0	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.55	1.0	2.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Trichlorofluoromethane (Freon-11)	75-69-4	1.0	1.0	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.24	1.0	2.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,1-Dichloroethene	75-35-4	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.35	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Carbon disulfide	75-15-0	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.25	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.31	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Methylene chloride	75-09-2	2.5	2.5	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	1.1	2.5	5.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Acetone	67-64-1	2.5	2.5	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	2.2	2.5	5.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			trans-1,2-Dichloroethene	156-60-5	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.25	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Methyl-tert-butyl ether (MTBE)	1634-04-4	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.36	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,1-Dichloroethane	75-34-3	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.21	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			cis-1,2-Dichloroethene	156-59-2	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.21	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Chloroform	67-66-3	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.32	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,1,1-Trichloroethane	71-55-6	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.20	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			2-Butanone	78-93-3	2.5	2.5	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	1.3	2.5	5.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Cyclohexane	110-82-7	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.31	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Carbon tetrachloride	56-23-5	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.22	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Benzene	71-43-2	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.26	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,2-Dichloroethane	107-06-2	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.20	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Trichloroethene	79-01-6	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.28	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,2-Dichloropropane	78-87-5	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.25	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Bromodichloromethane	75-27-4	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.33	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			cis-1,3-Dichloropropene	10061-01-	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.19	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Toluene	108-88-3	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.27	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			4-Methyl-2-pentanone	108-10-1	2.5	2.5	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	1.3	2.5	5.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			trans-1,3-Dichloropropene	10061-02-	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.20	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,1,2-Trichloroethane	79-00-5	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.33	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Tetrachloroethene	127-18-4	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.40	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Dibromochloromethane	124-48-1	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.30	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,2-Dibromoethane	106-93-4	0.50	0.50	UG_L	UL	UL		TRG						AQ (Field Blanks)			4.2	0.22	0.50	1.0	SK1680	WG201342	
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	REG	W	4	03/03/201	03/06/2017		20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			2-Hexanone	591-78-6	2.5	2.5	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	1.7	2.5	5.0	SK1680	WG201342	

N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Chlorobenzene	108-90-7	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.22	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Ethylbenzene	100-41-4	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.21	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Styrene	100-42-5	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.23	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Bromoform	75-25-2	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.23	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Isopropylbenzene	98-82-8	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.23	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,1,2,2-Tetrachloroethane	79-34-5	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.38	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,3-Dichlorobenzene	541-73-1	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.26	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,4-Dichlorobenzene	106-46-7	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.24	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,2-Dichlorobenzene	95-50-1	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.15	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,2-Dibromo-3-chloropropane	96-12-8	1.0	1.0	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.50	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,2,4-Trichlorobenzene	120-82-1	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.37	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Methyl acetate	79-20-9	0.75	0.75	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.53	0.75	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Methylcyclohexane	108-87-2	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.30	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Bromochloromethane	74-97-5	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.21	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			o-Xylene	95-47-6	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.25	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			m- and p-Xylene	m&pXYLEN	1.0	1.0	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.59	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			1,2,3-Trichlorobenzene	87-61-6	0.50	0.50	UG_L	U	U		TRG						AQ (Field Blanks)			4.2	0.27	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MES08-EB01-0217A	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	REG	W	4	03/03/201	03/06/2017			20170314	11:49:00	20170314	11:49:00	SK1680-4	1	1			Xylene, total	1330-20-7	1.5	1.5	UG_L	UL	UL		TRG						AQ (Field Blanks)			4.2	0.25	1.5	3.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Dichlorodifluoromethane (Freon-12)	75-71-8	1.0	1.0	UG_L	U	U		TRG									4.2	0.24	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Chloromethane	74-87-3	1.0	1.0	UG_L	U	U		TRG									4.2	0.36	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Vinyl chloride	75-01-4	1.0	1.0	UG_L	U	U		TRG									4.2	0.25	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Bromomethane	74-83-9	1.0	1.0	UG_L	U	U		TRG									4.2	0.49	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Chloroethane	75-00-3	1.0	1.0	UG_L	U	U		TRG									4.2	0.55	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Trichlorofluoromethane (Freon-11)	75-69-4	1.0	1.0	UG_L	U	U		TRG									4.2	0.24	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,1-Dichloroethene	75-35-4	0.50	0.50	UG_L	U	U		TRG									4.2	0.35	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Carbon disulfide	75-15-0	0.50	0.50	UG_L	U	U		TRG									4.2	0.25	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	0.50	0.50	UG_L	U	U		TRG									4.2	0.31	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Methylene chloride	75-09-2	2.5	2.5	UG_L	U	U		TRG									4.2	1.1	2.5	5.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Acetone	67-64-1	2.5	2.5	UG_L	U	U		TRG									4.2	2.2	2.5	5.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			trans-1,2-Dichloroethene	156-60-5	0.50	0.50	UG_L	U	U		TRG									4.2	0.25	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Methyl-tert-butyl ether (MTBE)	1634-04-4	0.50	0.50	UG_L	U	U		TRG									4.2	0.36	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,1-Dichloroethane	75-34-3	0.50	0.50	UG_L	U	U		TRG									4.2	0.21	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			cis-1,2-Dichloroethene	156-59-2	0.50	0.50	UG_L	U	U		TRG									4.2	0.21	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Chloroform	67-66-3	0.50	0.50	UG_L	U	U		TRG									4.2	0.32	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,1,1-Trichloroethane	71-55-6	0.50	0.50	UG_L	U	U		TRG									4.2	0.20	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			2-Butanone	78-93-3	2.5	2.5	UG_L	U	U		TRG									4.2	1.3	2.5	5.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Cyclohexane	110-82-7	0.50	0.50	UG_L	U	U		TRG									4.2	0.31	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Carbon tetrachloride	56-23-5	0.50	0.50	UG_L	U	U		TRG									4.2	0.22	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Benzene	71-43-2	0.50	0.50	UG_L	U	U		TRG									4.2	0.26	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,2-Dichloroethane	107-06-2	0.50	0.50	UG_L	U	U		TRG									4.2	0.20	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Trichloroethene	79-01-6	0.50	0.50	UG_L	U	U		TRG									4.2	0.28	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,2-Dichloropropane	78-87-5	0.50	0.50	UG_L	U	U		TRG									4.2	0.25	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Bromodichloromethane	75-27-4	0.50	0.50	UG_L	U	U		TRG									4.2	0.33	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			cis-1,3-Dichloropropene	10061-01-	0.50	0.50	UG_L	U	U		TRG									4.2	0.19	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Toluene	108-88-3	0.50	0.50	UG_L	U	U		TRG									4.2	0.27	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			4-Methyl-2-pentanone	108-10-1	2.5	2.5	UG_L	U	U		TRG									4.2	1.3	2.5	5.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			trans-1,3-Dichloropropene	10061-02-	0.50	0.50	UG_L	U	U		TRG									4.2	0.20	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,1,2-Trichloroethane	79-00-5	0.50	0.50	UG_L	U	U		TRG									4.2	0.33	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Tetrachloroethene	127-18-4	0.50	0.50	UG_L	U	U		TRG									4.2	0.40	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Dibromochloromethane	124-48-1	0.50	0.50	UG_L	U	U		TRG									4.2	0.30	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,2-Dibromoethane	106-93-4	0.50	0.50	UG_L	U	U		TRG									4.2	0.22	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			2-Hexanone	591-78-6	2.5	2.5	UG_L	U	U		TRG									4.2	1.7	2.5	5.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Chlorobenzene	108-90-7	0.50	0.50	UG_L	U	U		TRG									4.2	0.22	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Ethylbenzene	100-41-4	0.50	0.50	UG_L	U	U		TRG									4.2	0.21	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Styrene	100-42-5	0.50	0.50	UG_L	U	U		TRG									4.2	0.23	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Bromoform	75-25-2	0.50	0.50	UG_L	U	U		TRG									4.2	0.23	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Isopropylbenzene	98-82-8	0.50	0.50	UG_L	U	U		TRG									4.2	0.23	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,1,2,2-Tetrachloroethane	79-34-5	0.50	0.50	UG_L	U	U		TRG									4.2	0.38	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,3-Dichlorobenzene	541-73-1	0.50	0.50	UG_L	U	U		TRG									4.2	0.26	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,4-Dichlorobenzene	106-46-7	0.50	0.50	UG_L	U	U		TRG									4.2	0.24	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,2-Dichlorobenzene	95-50-1	0.50	0.50	UG_L	U	U		TRG									4.2	0.15	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,2-Dibromo-3-chloropropane	96-12-8	1.0	1.0	UG_L	U	U		TRG									4.2	0.50	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,2,4-Trichlorobenzene	120-82-1	0.50	0.50	UG_L	U	U		TRG									4.2	0.37	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Methyl acetate	79-20-9	0.75	0.75	UG_L	U	U		TRG									4.2	0.53	0.75	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Methylcyclohexane	108-87-2	0.50	0.50	UG_L	U	U		TRG									4.2	0.30	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Bromochloromethane	74-97-5	0.50	0.50	UG_L	U	U		TRG									4.2	0.21	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			o-Xylene	95-47-6	0.50	0.50	UG_L	U	U		TRG									4.2	0.25	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			m- and p-Xylene	m&pXYLEN	1.0	1.0	UG_L	U	U		TRG									4.2	0.59	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			1,2,3-Trichlorobenzene	87-61-6	0.50	0.50	UG_L	U	U		TRG									4.2	0.27	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-BLANK	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/14/201	03/14/2017			20170314	10:37:00	20170314	10:37:00	WG20134	1	1			Xylene, total	1330-20-7	1.5	1.5	UG_L	U	U		TRG									4.2	0.25	1.5	3.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Dichlorodifluoromethane (Freon-12)	75-71-8	32.8	32.8	UG_L				TRG		LSA	155	30	20091101				4.2	0.24	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Chloromethane	74-87-3	38.8	38.8	UG_L				TRG		LSA	125	40	20091101				4.2	0.36	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Vinyl chloride	75-01-4	40.8	40.8	UG_L				TRG		LSA	145	50	20091101				4.2	0.25	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Bromomethane	74-83-9	46.6	46.6	UG_L				TRG		LSA	145	30	20091101				4.2	0.49	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Chloroethane	75-00-3	51.1	51.1	UG_L				TRG		LSA	135	60	20091101				4.2	0.55	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Trichlorofluoromethane (Freon-11)	75-69-4	40.6	40.6	UG_L				TRG		LSA	145	60	20091101				4.2	0.24	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,1-Dichloroethene	75-35-4	40.8	40.8	UG_L				TRG		LSA	130	70	20091101				4.2	0.35	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Carbon disulfide	75-15-0	48.4	48.4	UG_L				TRG		LSA	160	35	20091101				4.2	0.25	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	39.9	39.9	UG_L				TRG		LSA	126	73	20091101				4.2	0.31	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Methylene chloride	75-09-2	43.1	43.1	UG_L				TRG		LSA	140	55	20091101				4.2	1.1	2.5	5.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Acetone	67-64-1	50.7	50.7	UG_L				TRG		LSA	140	40	20091101				4.2	2.2	2.5	5.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			trans-1,2-Dichloroethene	156-60-5	43.3	43.3	UG_L				TRG		LSA	140	60	20091101				4.2	0.25	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Methyl-tert-butyl ether (MTBE)	1634-04-4	89.8	89.8	UG_L				TRG		LSA	125	65	20091101				4.2	0.36	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,1-Dichloroethane	75-34-3	43.4	43.4	UG_L				TRG		LSA	135	70	20091101				4.2	0.21	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			cis-1,2-Dichloroethene	156-59-2	40.0	40.0	UG_L				TRG		LSA	125	70	20091101				4.2	0.21	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Chloroform	67-66-3	41.8	41.8	UG_L				TRG		LSA	135	65	20091101				4.2	0.32	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,1,1-Trichloroethane	71-55-6	43.4	43.4	UG_L				TRG		LSA	130	65	20091101				4.2	0.20	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			2-Butanone	78-93-3	37.9	37.9	UG_L				TRG		LSA	150	30	20091101				4.2	1.3	2.5	5.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Cyclohexane	110-82-7	44.0	44.0	UG_L				TRG		LSA	133	71	20091101				4.2	0.31	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Carbon tetrachloride	56-23-5	46.8	46.8	UG_L				TRG		LSA	140	65	20091101				4.2	0.22	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Benzene	71-43-2	41.2	41.2	UG_L				TRG		LSA	120	80	20091101				4.2	0.26	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,2-Dichloroethane	107-06-2	42.3	42.3	UG_L				TRG		LSA	130	70	20091101				4.2	0.20	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Trichloroethene	79-01-6	44.7	44.7	UG_L				TRG		LSA	125	70	20091101				4.2	0.28	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,2-Dichloropropane	78-87-5	43.7	43.7	UG_L				TRG		LSA	125	75	20091101				4.2	0.25	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Bromodichloromethane	75-27-4	44.9	44.9	UG_L				TRG		LSA	120	75	20091101				4.2	0.33	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			cis-1,3-Dichloropropene	10061-01-	48.0	48.0	UG_L				TRG		LSA	130	70	20091101				4.2	0.19	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Toluene	108-88-3	41.8	41.8	UG_L				TRG		LSA	120	75	20091101				4.2	0.27	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			4-Methyl-2-pentanone	108-10-1	41.9	41.9	UG_L				TRG		LSA	135	60	20091101				4.2	1.3	2.5	5.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			trans-1,3-Dichloropropene	10061-02-	45.2	45.2	UG_L				TRG		LSA	140	55	20091101				4.2	0.20	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,1,2-Trichloroethane	79-00-5	42.5	42.5	UG_L				TRG		LSA	125	75	20091101				4.2	0.33	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Tetrachloroethene	127-18-4	42.6	42.6	UG_L				TRG		LSA	150	45	20091101				4.2	0.40	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Dibromochloromethane	124-48-1	48.2	48.2	UG_L				TRG		LSA	135	60	20091101				4.2	0.30	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,2-Dibromoethane	106-93-4	37.5	37.5	UG_L	*	*		TRG		LSA	120	80	20091101				4.2	0.22	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			2-Hexanone	591-78-6	36.0	36.0	UG_L				TRG		LSA	130	55	20091101				4.2	1.7	2.5	5.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Chlorobenzene	108-90-7	43.2	43.2	UG_L				TRG		LSA	120	80	20091101				4.2	0.22	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Ethylbenzene	100-41-4	44.0	44.0	UG_L				TRG		LSA	125	75	20091101				4.2	0.21	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Styrene	100-42-5	46.2	46.2	UG_L				TRG		LSA	135	65	20091101				4.2	0.23	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Bromoform	75-25-2	47.1	47.1	UG_L				TRG		LSA	130	70	20091101				4.2	0.23	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Isopropylbenzene	98-82-8	46.9	46.9	UG_L				TRG		LSA	125	75	20091101				4.2	0.23	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,1,2,2-Tetrachloroethane	79-34-5	41.9	41.9	UG_L				TRG		LSA	130	65	20091101				4.2	0.38	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,3-Dichlorobenzene	541-73-1	44.5	44.5	UG_L				TRG		LSA	125	75	20091101				4.2	0.26	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,4-Dichlorobenzene	106-46-7	42.8	42.8	UG_L				TRG		LSA	125	75	20091101				4.2	0.24	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,2-Dichlorobenzene	95-50-1	45.0	45.0	UG_L				TRG		LSA	120	70	20091101				4.2	0.15	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,2-Dibromo-3-chloropropane	96-12-8	35.1	35.1	UG_L				TRG		LSA	130	50	20091101				4.2	0.50	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,2,4-Trichlorobenzene	120-82-1	45.4	45.4	UG_L				TRG		LSA	135	65	20091101				4.2	0.37	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Methyl acetate	79-20-9	36.8	36.8	UG_L				TRG		LSA	132	70	20091101				4.2	0.53	0.75	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Methylcyclohexane	108-87-2	41.1	41.1	UG_L				TRG		LSA	125	73	20091101				4.2	0.30	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Bromochloromethane	74-97-5	42.5	42.5	UG_L				TRG		LSA	130	65	20091101				4.2	0.21	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			o-Xylene	95-47-6	44.6	44.6	UG_L				TRG		LSA	120	80	20091101				4.2	0.25	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			m- and p-Xylene	m&pXYLEN	88.8	88.8	UG_L				TRG		LSA	130	75	20091101				4.2	0.59	1.0	2.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			1,2,3-Trichlorobenzene	87-61-6	43.3	43.3	UG_L				TRG		LSA	140	55	20091101				4.2	0.27	0.50	1.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	WG201342-LCS	NONE	VOA	8260C	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/14/201	03/14/2017			20170314	09:21:00	20170314	09:21:00	WG20134	1	1			Xylene, total	1330-20-7	133.	133.	UG_L	*	*		TRG		LSA	116	89	20091101				4.2	0.25	1.5	3.0	SK1680	WG201342		
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:55:00	SK1681-2	1	1			gamma-BHC (Lindane)	58-89-9	0.12	0.12	UG_L	U			TRG						IDW			4.2	0.036	0.12	0.25	SK1681	WG20135(	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:55:00	SK1681-2	1	1			Heptachlor	76-44-8	0.12	0.12	UG_L	U			TRG						IDW			4.2	0.040	0.12	0.25	SK1681	WG20135(	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:55:00	SK1681-2	1	1			Heptachlor epoxide	1024-57-3	0.12	0.12	UG_L	U			TRG						IDW			4.2	0.037	0.12	0.25	SK1681	WG20135(	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:55:00	SK1681-2	1	1			Endrin	72-20-8	0.25	0.25	UG_L	U			TRG						IDW			4.2	0.042	0.25	0.50	SK1681	WG20135(	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:55:00	SK1681-2	1	1			Methoxychlor	72-43-5	1.2	1.2	UG_L	U			TRG						IDW			4.2	0.042	1.2	2.5	SK1681	WG20135(	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:55:00	SK1681-2	1	1			technical-Chlordane	12789-03-	1.2	1.2	UG_L	U			TRG						IDW			4.2	0.42	1.2	2.5	SK1681	WG20135(	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:55:00	SK1681-2	1	1			Toxaphene	8001-35-2	2.5	2.5	UG_L	U			TRG						IDW			4.2	0.85	2.5	5.0	SK1681	WG20135(	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:36:00	SK1681-1	1	1			gamma-BHC (Lindane)	58-89-9	0.12	0.12	UG_L	U			TRG						IDW			4.2	0.036	0.12	0.25	SK1681	WG20135(	Preload Cl	20170331

N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:36:00	SK1681-1	1	1			Heptachlor	76-44-8	0.12	0.12	UG_L	U			TRG						IDW			4.2	0.040	0.12	0.25	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:36:00	SK1681-1	1	1			Heptachlor epoxide	1024-57-3	0.12	0.12	UG_L	U			TRG						IDW			4.2	0.037	0.12	0.25	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:36:00	SK1681-1	1	1			Endrin	72-20-8	0.25	0.25	UG_L	U			TRG						IDW			4.2	0.042	0.25	0.50	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:36:00	SK1681-1	1	1			Methoxychlor	72-43-5	1.2	1.2	UG_L	U			TRG						IDW			4.2	0.042	1.2	2.5	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:36:00	SK1681-1	1	1			technical-Chlordane	12789-03-	1.2	1.2	UG_L	U			TRG						IDW			4.2	0.42	1.2	2.5	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	11:00:00	20170314	16:36:00	SK1681-1	1	1			Toxaphene	8001-35-2	2.5	2.5	UG_L	U			TRG						IDW			4.2	0.85	2.5	5.0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:20:00	WG20135	1	1			gamma-BHC (Lindane)	58-89-9	0.025	0.025	UG_L	U			TRG									4.2	0.0072	0.025	0.050	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:20:00	WG20135	1	1			Heptachlor	76-44-8	0.025	0.025	UG_L	U			TRG									4.2	0.0080	0.025	0.050	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:20:00	WG20135	1	1			Heptachlor epoxide	1024-57-3	0.025	0.025	UG_L	U			TRG									4.2	0.0074	0.025	0.050	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:20:00	WG20135	1	1			Endrin	72-20-8	0.050	0.050	UG_L	U			TRG									4.2	0.0084	0.050	0.10	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:20:00	WG20135	1	1			Methoxychlor	72-43-5	0.25	0.25	UG_L	U			TRG									4.2	0.0084	0.25	0.50	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:20:00	WG20135	1	1			technical-Chlordane	12789-03-	0.25	0.25	UG_L	U			TRG									4.2	0.083	0.25	0.50	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:20:00	WG20135	1	1			Toxaphene	8001-35-2	0.50	0.50	UG_L	U			TRG									4.2	0.17	0.50	1.0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:39:00	WG20135	1	1			gamma-BHC (Lindane)	58-89-9	0.464	0.464	UG_L				TRG		LSA	135	25	20091101				4.2	0.0072	0.025	0.050	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:39:00	WG20135	1	1			Heptachlor	76-44-8	0.436	0.436	UG_L				TRG		LSA	130	40	20091101				4.2	0.0080	0.025	0.050	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:39:00	WG20135	1	1			Heptachlor epoxide	1024-57-3	0.465	0.465	UG_L				TRG		LSA	130	60	20091101				4.2	0.0074	0.025	0.050	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:39:00	WG20135	1	1			Endrin	72-20-8	0.467	0.467	UG_L				TRG		LSA	135	55	20091101				4.2	0.0084	0.050	0.10	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:39:00	WG20135	1	1			Methoxychlor	72-43-5	0.398	0.398	UG_L				TRG		LSA	150	55	20091101				4.2	0.0084	0.25	0.50	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCS1	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	15:18:00	WG20135	1	1			Toxaphene	8001-35-2	8.19	8.19	UG_L				TRG		LSA	110	32	20091101				4.2	0.17	0.50	1.0	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCS2	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170315	15:10:00	WG20135	1	1			technical-Chlordane	12789-03-	11.6	11.6	UG_L	*			TRG		LSA	115	47	20091101				4.2	0.083	0.25	0.50	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCSD	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:59:00	WG20135	1	1			gamma-BHC (Lindane)	58-89-9	0.485	0.485	UG_L				TRG		LSA	135	25	20091101				4.2	0.0072	0.025	0.050	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCSD	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:59:00	WG20135	1	1			Heptachlor	76-44-8	0.454	0.454	UG_L				TRG		LSA	130	40	20091101				4.2	0.0080	0.025	0.050	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCSD	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:59:00	WG20135	1	1			Heptachlor epoxide	1024-57-3	0.481	0.481	UG_L				TRG		LSA	130	60	20091101				4.2	0.0074	0.025	0.050	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCSD	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:59:00	WG20135	1	1			Endrin	72-20-8	0.473	0.473	UG_L				TRG		LSA	135	55	20091101				4.2	0.0084	0.050	0.10	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201356-LCSD	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	11:00:00	20170314	14:59:00	WG20135	1	1			Methoxychlor	72-43-5	0.422	0.422	UG_L				TRG		LSA	150	55	20091101				4.2	0.0084	0.25	0.50	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201038-TCLP BLK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170309	13:00:00	20170310	10:52:00	WG20103	1	1			gamma-BHC (Lindane)	58-89-9	0.12	0.12	UG_L	U			TRG									4.2	0.036	0.12	0.25	SK1681	WG20103	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201038-TCLP BLK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170309	13:00:00	20170310	10:52:00	WG20103	1	1			Heptachlor	76-44-8	0.12	0.12	UG_L	U			TRG									4.2	0.040	0.12	0.25	SK1681	WG20103	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201038-TCLP BLK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170309	13:00:00	20170310	10:52:00	WG20103	1	1			Heptachlor epoxide	1024-57-3	0.12	0.12	UG_L	U			TRG									4.2	0.037	0.12	0.25	SK1681	WG20103	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201038-TCLP BLK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170309	13:00:00	20170310	10:52:00	WG20103	1	1			Endrin	72-20-8	0.25	0.25	UG_L	U			TRG									4.2	0.042	0.25	0.50	SK1681	WG20103	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201038-TCLP BLK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170309	13:00:00	20170310	10:52:00	WG20103	1	1			Methoxychlor	72-43-5	1.2	1.2	UG_L	U			TRG									4.2	0.042	1.2	2.5	SK1681	WG20103	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201038-TCLP BLK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170309	13:00:00	20170310	10:52:00	WG20103	1	1			technical-Chlordane	12789-03-	1.2	1.2	UG_L	U			TRG									4.2	0.42	1.2	2.5	SK1681	WG20103	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201038-TCLP BLK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170309	13:00:00	20170310	10:52:00	WG20103	1	1			Toxaphene	8001-35-2	2.5	2.5	UG_L	U			TRG									4.2	0.85	2.5	5.0	SK1681	WG20103	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201405-BLANK	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/15/201	03/15/2017			20170315	10:45:00	20170316	17:43:00	WG20140	1	1			2,4-D	94-75-7	1.4	1.4	UG_L	U			TRG									4.2	0.28	1.4	2.8	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201405-BLANK	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/15/201	03/15/2017			20170315	10:45:00	20170316	17:43:00	WG20140	1	1			2,4,5-TP (Silvex)	93-72-1	1.4	1.4	UG_L	U			TRG									4.2	0.19	1.4	2.8	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201405-LCS	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/15/201	03/15/2017			20170315	10:45:00	20170316	18:07:00	WG20140	1	1			2,4-D	94-75-7	3.84	3.84	UG_L				TRG		LSA	115	35	20091101				4.2	0.28	1.4	2.8	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201405-LCS	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/15/201	03/15/2017			20170315	10:45:00	20170316	18:07:00	WG20140	1	1			2,4,5-TP (Silvex)	93-72-1	4.28	4.28	UG_L				TRG		LSA	115	50	20091101				4.2	0.19	1.4	2.8	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201405-LCSD	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/15/201	03/15/2017			20170315	10:45:00	20170316	18:30:00	WG20140	1	1			2,4-D	94-75-7	3.95	3.95	UG_L				TRG		LSA	115	35	20091101				4.2	0.28	1.4	2.8	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201405-LCSD	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/15/201	03/15/2017			20170315	10:45:00	20170316	18:30:00	WG20140	1	1			2,4,5-TP (Silvex)	93-72-1	4.41	4.41	UG_L				TRG		LSA	115	50	20091101				4.2	0.19	1.4	2.8	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC15ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	03/15/201	03/15/2017			20170315	00:27:00	20170316	00:27:00	PBWKC15	1	1			Arsenic	7440-38-2	5.0	5.0	UG_L	U			TRG									4.2	1.4	5.0	8.0	SK1681	KC15ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	03/10/201	03/10/2017			20170310	09:03:00	20170310	21:57:00	PBWKC10	1	1			Arsenic	7440-38-2	5.0	5.0	UG_L	U			TRG									4.2	1.4	5.0	8.0	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBT1370A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170310	09:04:00	20170310	22:09:00	PBT1370A	1	1			Arsenic	7440-38-2	8.4	8.4	UG_L	J			TRG									4.2	7.1	25	40	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	03/10/201	03/10/2017			20170310	09:03:00	20170310	21:57:00	PBWKC10	1	1			Barium	7440-39-3	0.38	0.38	UG_L	J			TRG									4.2	0.23	3.0	5.0	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBT1370A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170310	09:04:00	20170310	22:09:00	PBT1370A	1	1			Barium	7440-39-3	203	203	UG_L	B			TRG									4.2	1.2	15	25	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC15ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	03/15/201	03/15/2017			20170315	00:27:00	20170316	00:27:00	PBWKC15	1	1			Barium	7440-39-3	3.0	3.0	UG_L	U			TRG									4.2	0.23	3.0	5.0	SK1681	KC15ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC15ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	03/15/201	03/15/2017			20170315	00:27:00	20170316	00:27:00	PBWKC15	1	1			Cadmium	7440-43-9	0.089	0.089	UG_L	J			TRG									4.2	0.049	3.0	5.0	SK1681	KC15ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	03/10/201	03/10/2017			20170310	09:03:00	20170310	21:57:00	PBWKC10	1	1			Cadmium	7440-43-9	3.0	3.0	UG_L	U			TRG									4.2	0.049	3.0	5.0	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBT1370A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170310	09:04:00	20170310	22:09:00	PBT1370A	1	1			Cadmium	7440-43-9	15	15	UG_L	U			TRG									4.2	0.24	15	25	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC15ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	03/15/201	03/15/2017			20170315	00:27:00	20170316	00:27:00	PBWKC15	1	1			Chromium	7440-47-3	4.0	4.0	UG_L	U			TRG									4.2	0.36	4.0	10	SK1681	KC15ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	03/10/201	03/10/2017			20170310	09:03:00	20170310	21:57:00	PBWKC10	1	1			Chromium	7440-47-3	4.0	4.0	UG_L	U			TRG									4.2	0.36	4.0	10	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBT1370A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170310	09:04:00	20170310	22:09:00	PBT1370A	1	1			Chromium	7440-47-3	20	20	UG_L	U			TRG									4.2	1.8	20	50	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	03/10/201	03/10/2017			20170310	09:03:00	20170310	21:57:00	PBWKC10	1	1			Lead	7439-92-1	4.0	4.0	UG_L	U			TRG									4.2	1.1	4.0	5.0	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBT1370A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170310	09:04:00	20170310	22:09:00	PBT1370A	1	1			Lead	7439-92-1	20	20	UG_L	U			TRG									4.2	5.4	20	25	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC15ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	03/15/201	03/15/2017			20170315	00:27:00	20170316	00:27:00	PBWKC15	1	1			Lead	7439-92-1	4.0	4.0	UG_L	U			TRG									4.2	1.1	4.0	5.0	SK1681	KC15ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC15ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	03/15/201	03/15/2017			20170315	00:27:00	20170316	00:27:00	PBWKC15	1	1			Selenium	7782-49-2	7.0	7.0	UG_L	U			TRG									4.2	2.4	7.0	10	SK1681	KC15ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	03/10/201	03/10/2017			20170310	09:03:00	20170310	21:57:00	PBWKC10	1	1			Selenium	7782-49-2	7.0	7.0	UG_L	U			TRG									4.2	2.4	7.0	10	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBT1370A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170310	09:04:00	20170310	22:09:00	PBT1370A	1	1			Selenium	7782-49-2	35	35	UG_L	U			TRG									4.2	12	35	50	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	03/10/201	03/10/2017			20170310	09:03:00	20170310	21:57:00	PBWKC10	1	1			Silver	7440-22-4	4.0	4.0	UG_L	U			TRG									4.2	0.27	4.0	10	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBT1370A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170310	09:04:00	20170310	22:09:00	PBT1370A	1	1			Silver	7440-22-4	20	20	UG_L	U			TRG									4.2	1.3	20	50	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC15ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	03/15/201	03/15/2017			20170315	00:27:00	20170316	00:27:00	PBWKC15	1	1			Silver	7440-22-4	4.0	4.0	UG_L	U			TRG									4.2	0.27	4.0	10	SK1681	KC15ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	03/10/201	03/10/2017			20170310	09:02:00	20170310	22:01:00	LCSWKC10	1	1			Arsenic	7440-38-2	108	108	UG_L				TRG		LSA	120	80	20091101				4.2	1.4	5.0	8.0	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC15ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	03/15/201	03/15/2017			20170315	00:31:00	20170316	00:31:00	LCSWKC15	1	1			Arsenic	7440-38-2	102	102	UG_L				TRG		LSA	120	80	20091101				4.2	1.4	5.0	8.0	SK1681	KC15ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC15ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	03/15/201	03/15/2017			20170315	00:31:00	20170316	00:31:00	LCSWKC15	1	1			Barium	7440-39-3	2140	2140	UG_L				TRG		LSA	120	80	20091101				4.2	0.23	3.0	5.0	SK1681	KC15ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	03/10/201	03/10/2017			20170310	09:02:00	20170310	22:01:00	LCSWKC10	1	1			Barium	7440-39-3	2100	2100	UG_L				TRG		LSA	120	80	20091101				4.2	0.23	3.0	5.0	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC15ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	03/15/201	03/15/2017			20170315	00:31:00	20170316	00:31:00	LCSWKC15	1	1			Cadmium	7440-43-9	253	253	UG_L				TRG		LSA	120	80	20091101				4.2	0.049	3.0	5.0	SK1681	KC15ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	03/10/201	03/10/2017			20170310	09:02:00	20170310	22:01:00	LCSWKC10	1	1			Cadmium	7440-43-9	265	265	UG_L				TRG		LSA	120	80	20091101				4.2	0.049	3.0	5.0	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC15ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	03/15/201	03/15/2017			20170315	00:31:00	20170316	00:31:00	LCSWKC15	1	1			Chromium	7440-47-3	214	214	UG_L				TRG		LSA	120	80	20091101				4.2	0.36	4.0	10	SK1681	KC15ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	03/10/201	03/10/2017			20170310	09:02:00	20170310	22:01:00	LCSWKC10	1	1			Chromium	7440-47-3	214	214	UG_L				TRG		LSA	120	80	20091101				4.2	0.36	4.0	10	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC15ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	03/15/201	03/15/2017			20170315	00:31:00	20170316	00:31:00	LCSWKC15	1	1			Lead	7439-92-1	104	104	UG_L				TRG		LSA	120	80	20091101				4.2	1.1	4.0	5.0	SK1681	KC15ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	03/10/201	03/10/2017			20170310	09:02:00	20170310	22:01:00	LCSWKC10	1	1			Lead	7439-92-1	108	108	UG_L				TRG		LSA	120	80	20091101				4.2	1.1	4.0	5.0	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC15ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	03/15/201	03/15/2017			20170315	00:31:00	20170316	00:31:00	LCSWKC15	1	1			Selenium	7782-49-2	103	103	UG_L				TRG		LSA	120	80	20091101				4.2	2.4	7.0	10	SK1681	KC15ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	03/10/201	03/10/2017			20170310	09:02:00	20170310	22:01:00	LCSWKC10	1	1			Selenium	7782-49-2	105	105	UG_L				TRG		LSA	120	80	20091101				4.2	2.4	7.0	10	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC15ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	03/15/201	03/15/2017			20170315	00:31:00	20170316	00:31:00	LCSWKC15	1	1			Silver	7440-22-4	52.6	52.6	UG_L				TRG		LSA	120	80	20091101				4.2	0.27	4.0	10	SK1681	KC15ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	03/10/201	03/10/2017			20170310	09:02:00	20170310	22:01:00	LCSWKC10	1	1			Silver	7440-22-4	52.7	52.7	UG_L				TRG		LSA	120	80	20091101				4.2	0.27	4.0	10	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LC2WKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BSD	W	4	03/10/201	03/10/2017			20170310	09:01:00	20170310	22:05:00	LC2WKC10	1	1			Arsenic	7440-38-2	108	108	UG_L				TRG		LSA	120	80	20091101				4.2	1.4	5.0	8.0	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LC2WKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BSD	W	4	03/10/201	03/10/2017			20170310	09:01:00	20170310	22:05:00	LC2WKC10	1	1			Barium	7440-39-3	2050	2050	UG_L				TRG		LSA	120	80	20091101				4.2	0.23	3.0	5.0	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LC2WKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BSD	W	4	03/10/201	03/10/2017			20170310	09:01:00	20170310	22:05:00	LC2WKC10	1	1			Cadmium	7440-43-9	263	263	UG_L				TRG		LSA	120	80	20091101				4.2	0.049	3.0	5.0	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LC2WKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BSD	W	4	03/10/201	03/10/2017			20170310	09:01:00	20170310	22:05:00	LC2WKC10	1	1			Chromium	7440-47-3	212	212	UG_L				TRG		LSA	120	80	20091101				4.2	0.36	4.0	10	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LC2WKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BSD	W	4	03/10/201	03/10/2017			20170310	09:01:00	20170310	22:05:00	LC2WKC10	1	1			Lead	7439-92-1	108	108	UG_L				TRG		LSA	120	80	20091101				4.2	1.1	4.0	5.0	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LC2WKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BSD	W	4	03/10/201	03/10/2017			20170310	09:01:00	20170310	22:05:00	LC2WKC10	1	1			Selenium	7782-49-2	108	108	UG_L				TRG		LSA	120	80	20091101				4.2	2.4	7.0	10	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LC2WKC10ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BSD	W	4	03/10/201	03/10/2017			20170310	09:01:00	20170310	22:05:00	LC2WKC10	1	1			Silver	7440-22-4	52.7	52.7	UG_L				TRG		LSA	120	80	20091101				4.2	0.27	4.0	10	SK1681	KC10ICW2	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC10HGW2	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN ANALYTIC		NA	METHOD	000	BLK	W	4	03/10/201	03/10/2017			20170310	09:03:00	20170314	10:32:00	PBWKC10	1	1			Mercury	7439-97-6	0.10	0.10	UG_L	U			TRG									4.2	0.013	0.10	0.20	SK1681	KC10HGW	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBWKC14HGW2	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN ANALYTIC		NA	METHOD	000	BLK	W	4	03/14/201	03/14/2017			20170314	09:02:00	20170314	12:19:00	PBWKC14	1	1			Mercury	7439-97-6	0.10	0.10	UG_L	U			TRG									4.2	0.013	0.10	0.20	SK1681	KC14HGW	Preload Ch	20170331
N6247016	JM01		MERIDIAN	PBT1370A	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN	SW1311	NA	METHOD	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170310	09:04:00	20170314	10:38:00	PBT1370A	1	1			Mercury	7439-97-6	0.10	0.10	UG_L	U			TRG									4.2	0.013	0.10	0.20	SK1681	KC10HGW	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC10HGW2	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN ANALYTIC		NA	METHOD	000	BS	W	4	03/10/201	03/10/2017			20170310	09:02:00	20170314	10:34:00	LCSWKC10	1	1			Mercury	7439-97-6	4.84	4.84	UG_L				TRG		LSA	120	80	20091101				4.2	0.013	0.10	0.20	SK1681	KC10HGW	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LCSWKC14HGW2	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN ANALYTIC		NA	METHOD	000	BS	W	4	03/14/201	03/14/2017			20170314	09:01:00	20170314	12:21:00	LCSWKC14	1	1			Mercury	7439-97-6	5.13	5.13	UG_L				TRG		LSA	120	80	20091101				4.2	0.013	0.10	0.20	SK1681	KC14HGW	Preload Ch	20170331
N6247016	JM01		MERIDIAN	LC2WKC10HGW2	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN ANALYTIC		NA	METHOD	000	BSD	W	4	03/10/201	03/10/2017			20170310	09:01:00	20170314	10:36:00	LC2WKC10	1	1			Mercury	7439-97-6	4.94	4.94	UG_L				TRG		LSA	120	80	20091101				4.2	0.013	0.10	0.20	SK1681	KC10HGW	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			Pyridine	110-86-1	38	38	UG_L	U			TRG									4.2	1.5	38.	50.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			1,4-Dichlorobenzene	106-46-7	7.5	7.5	UG_L	U			TRG									4.2	2.2	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			2-Methylphenol	95-48-7	7.5	7.5	UG_L	U			TRG									4.2	3.8	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			3- and 4-Methylphenol	m&pCRES	7.5	7.5	UG_L	U			TRG									4.2	5.6	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			Hexachloroethane	67-72-1	7.5	7.5	UG_L	U			TRG									4.2	2.3	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			Nitrobenzene	98-95-3	7.5	7.5	UG_L	U			TRG									4.2	3.1	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			Hexachlorobutadiene	87-68-3	7.5	7.5	UG_L	U			TRG									4.2	1.8	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			2,4,6-Trichlorophenol	88-06-2	7.5	7.5	UG_L	U			TRG									4.2	2.7	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			2,4,5-Trichlorophenol	95-95-4	19	19	UG_L	U			TRG									4.2	3.6	19.	25.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			2,4-Dinitrotoluene	121-14-2	7.5	7.5	UG_L	U			TRG									4.2	2.2	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			Hexachlorobenzene	118-74-1	7.5	7.5	UG_L	U			TRG									4.2	2.1	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	16:08:00	WG20135	1	1			Pentachlorophenol	87-86-5	19	19	UG_L	U			TRG									4.2	2.3	19.	25.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			Pyridine	110-86-1	8.94	8.94	UG_L				TRG		LSA	96	10	20091101				4.2	1.5	38.	50.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			1,4-Dichlorobenzene	106-46-7	32.8	32.8	UG_L				TRG		LSA	100	30	20091101				4.2	2.2	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			2-Methylphenol	95-48-7	45.6	45.6	UG_L				TRG		LSA	110	40	20091101				4.2	3.8	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			3- and 4-Methylphenol	m&pCRES	33.5	33.5	UG_L				TRG		LSA	110	30	20091101				4.2	5.6	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			Hexachloroethane	67-72-1	33.2	33.2	UG_L				TRG		LSA	100	30	20091101				4.2	2.3	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			Nitrobenzene	98-95-3	35.0	35.0	UG_L				TRG		LSA	110	45	20091101				4.2	3.1	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			Hexachlorobutadiene	87-68-3	34.7	34.7	UG_L				TRG		LSA	105	25	20091101				4.2	1.8	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			2,4,6-Trichlorophenol	88-06-2	5.36	5.36	UG_L	*			TRG		LSA	115	50	20091101				4.2	2.7	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			2,4,5-Trichlorophenol	95-95-4	12.7	12.7	UG_L	*			TRG		LSA	110	50	20091101				4.2	3.6	19.	25.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			2,4-Dinitrotoluene	121-14-2	36.1	36.1	UG_L				TRG		LSA	120	50	20091101				4.2	2.2	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			Hexachlorobenzene	118-74-1	41.3	41.3	UG_L				TRG		LSA	110	50	20091101				4.2	2.1	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	17:36:00	WG20135	1	1			Pentachlorophenol	87-86-5	0.00	0.00	UG_L	*			TRG		LSA	115	40	20091101				4.2	2.3	19.	25.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			Pyridine	110-86-1	7.99	7.99	UG_L				TRG		LSA	96	10	20091101				4.2	1.5	38.	50.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			1,4-Dichlorobenzene	106-46-7	35.5	35.5	UG_L				TRG		LSA	100	30	20091101				4.2	2.2	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			2-Methylphenol	95-48-7	54.6	54.6	UG_L				TRG		LSA	110	40	20091101				4.2	3.8	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			3- and 4-Methylphenol	m&pCRES	44.2	44.2	UG_L				TRG		LSA	110	30	20091101				4.2	5.6	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			Hexachloroethane	67-72-1	34.0	34.0	UG_L				TRG		LSA	100	30	20091101				4.2	2.3	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			Nitrobenzene	98-95-3	37.2	37.2	UG_L				TRG		LSA	110	45	20091101				4.2	3.1	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			Hexachlorobutadiene	87-68-3	37.3	37.3	UG_L				TRG		LSA	105	25	20091101				4.2	1.8	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			2,4,6-Trichlorophenol	88-06-2	87.7	87.7	UG_L				TRG		LSA	115	50	20091101				4.2	2.7	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			2,4,5-Trichlorophenol	95-95-4	87.7	87.7	UG_L				TRG		LSA	110	50	20091101				4.2	3.6	19.	25.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			2,4-Dinitrotoluene	121-14-2	44.8	44.8	UG_L				TRG		LSA	120	50	20091101				4.2	2.2	7.5	10.	SK1681	WG20135	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	NONE	REACT	7.3.3.2	INO	KAS	KATAHDIN ANALYTIC		NA	METHOD	000	REG	W	4	03/03/201	03/04/2017			20170307	09:56:00	20170314	09:56:00	SK1681-2	1.003	1			Reactive cyanide	REACT-CN	10.	10.	MG_KG	U			TRG						IDW			4.2	0.16	10.	20.	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	NONE	REACT	7.3.3.2	INO	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	REG	S	4	03/03/201	03/04/2017			20170307	09:56:00	20170314	09:56:00	SK1681-1	1.1	1			Reactive cyanide	REACT-CN	11.	11.	MG_KG	U			TRG						IDW			4.2	0.17	11.	22.	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201407-BLANK	NONE	REACT	7.3.3.2	INO	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	BLK	S	4	03/07/201	03/07/2017			20170307	09:50:00	20170314	09:50:00	WG20140	1	1			Reactive cyanide	REACT-CN	10.	10.	MG_KG	U			TRG									4.2	0.16	10.	20.	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201407-LCS	NONE	REACT	7.3.3.2	INO	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	BS	S	4	03/07/201	03/07/2017			20170307	10:25:00	20170314	10:25:00	WG20140	2	1			Reactive cyanide	REACT-CN	4.2	4.2	MG_KG	J			TRG		LSA	100	0	20091101				4.2	0.31	20.	40.	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG201407-LCSD	NONE	REACT	7.3.3.2	INO	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	BSD	S	4	03/07/201	03/07/2017			20170307	10:25:00	20170314	10:25:00	WG20140	4	1			Reactive cyanide	REACT-CN	5.1	5.1	MG_KG	J			TRG		LSA	100	0	20091101				4.2	0.62	40.	80.	SK1681	WG20140	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	NONE	REACT	7.3.4.1	INO	KAS	KATAHDIN ANALYTIC		NA	METHOD	000	REG	W	4	03/03/201	03/04/2017			20170307	14:02:00	20170307	14:50:00	SK1681-2	1	1			Reactive sulfide	REACT-S	25	25	MG_KG	U			TRG						IDW			4.2	16.39	25	50.	SK1681	WG20093	Preload Ch	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	NONE	REACT	7.3.4.1	INO	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	REG	S	4	03/03/201	03/04/2017			20170307	14:01:00	20170307	14:50:00	SK1681-1	1.1	1			Reactive sulfide	REACT-S	25	25	MG_KG	U			TRG						IDW			4.2	18.	25	55.	SK1681	WG20093	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG200937-BLANK	NONE	REACT	7.3.4.1	INO	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	BLK	S	4	03/07/201	03/07/2017			20170307	14:03:00	20170307	14:50:00	WG20093	1	1			Reactive sulfide	REACT-S	25.	25.	MG_KG	U			TRG									4.2	16.39	25.	50.	SK1681	WG20093	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG200937-LCS	NONE	REACT	7.3.4.1	INO	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	BS	S	4	03/07/201	03/07/2017			20170307	14:04:00	20170307	14:50:00	WG20093	1	1			Reactive sulfide	REACT-S	880	880	MG_KG				TRG		LSA	120	30	20091101				4.2	16.39	25.	50.	SK1681	WG20093	Preload Ch	20170331
N6247016	JM01		MERIDIAN	WG200937-LCSD	NONE	REACT	7.3.4.1	INO	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	BSD	S	4	03/07/201	03/07/2017			20170307	14:05:00	20170307	14:50:00	WG20093	1	1			Reactive sulfide	REACT-S	860	860	MG_KG				TRG		LSA	120	30	20091101				4.2	16.39	25.	50.	SK1681	WG20093	Preload Ch	20170331

N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	NONE	IGN	1010A	PCHAR	KAS	KATAHDIN ANALYTIC		NA	NONE	000	REG	W	4	03/03/201	03/04/2017					20170309	16:57:00	SK1681-2	1	1			Ignitability	IGN	71.	71.	DEG_C	NI			TRG	>					IDW			4.2	71.	71.	71.	SK1681	WG20109	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	NONE	IGN	1010A	PCHAR	KAS	KATAHDIN ANALYTIC		DRY	NONE	000	REG	S	4	03/03/201	03/04/2017					20170309	16:57:00	SK1681-1	1	1			Ignitability	IGN	71.	71.	DEG_C	NI			TRG	>					IDW			4.2	71.	71.	71.	SK1681	WG20109	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201095-BLANK	NONE	IGN	1010A	PCHAR	KAS	KATAHDIN ANALYTIC		DRY	NONE	000	BLK	S	4	03/09/201	03/09/2017					20170309	16:57:00	WG20109	1	1			Ignitability	IGN	71.	71.	DEG_C	NI			TRG	>								4.2	71.	71.	71.	SK1681	WG20109	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201095-LCS	NONE	IGN	1010A	PCHAR	KAS	KATAHDIN ANALYTIC		DRY	NONE	000	BS	S	4	03/09/201	03/09/2017					20170309	16:57:00	WG20109	1	1			Ignitability	IGN	29.	29.	DEG_C				TRG		LSA	120	80	20091101				4.2	71.	71.	71.	SK1681	WG20109	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201095-LCSD	NONE	IGN	1010A	PCHAR	KAS	KATAHDIN ANALYTIC		DRY	NONE	000	BSD	S	4	03/09/201	03/09/2017					20170309	16:57:00	WG20109	1	1			Ignitability	IGN	27.	27.	DEG_C				TRG		LSA	120	80	20091101				4.2	71.	71.	71.	SK1681	WG20109	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IDW-GW-0317-LR	NONE	CORR	9040C	PCHAR	KAS	KATAHDIN ANALYTIC		NA	NONE	000	LR	W	4	03/03/201	03/04/2017					20170306	18:14:00	WG20105	1	1			Corrosivity (pH units)	CORR	6.1	6.1	PH				TRG									4.2	0.10	0.10	0.10	SK1681	WG20105	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	NONE	CORR	9040C	PCHAR	KAS	KATAHDIN ANALYTIC		NA	NONE	000	REG	W	4	03/03/201	03/04/2017					20170306	18:10:00	SK1681-2	1	1			Corrosivity (pH units)	CORR	6.0	6.0	PH				TRG						IDW			4.2	0.10	0.10	0.10	SK1681	WG20105	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201057-LCS	NONE	CORR	9040C	PCHAR	KAS	KATAHDIN ANALYTIC		NA	NONE	000	BS	W	4	03/06/201	03/06/2017					20170306	18:05:00	WG20105	1	1			Corrosivity (pH units)	CORR	7.0	7.0	PH				TRG		LSA	110	90	20091101				4.2	0.10	0.10	0.10	SK1681	WG20105	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	NONE	CORR	9045D	PCHAR	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	REG	S	4	03/03/201	03/04/2017			20170309	11:01:00	20170309	18:51:00	SK1681-1	1	1			Corrosivity (pH units)	CORR	5.6	5.6	PH				TRG						IDW			4.2	0.10	0.10	0.10	SK1681	WG20113	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201134-LCS	NONE	CORR	9045D	PCHAR	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	BS	S	4	03/09/201	03/09/2017			20170309	11:02:00	20170309	18:37:00	WG20113	1	1			Corrosivity (pH units)	CORR	7.1	7.1	PH				TRG		LSA	110	90	20091101				4.2	0.10	0.10	0.10	SK1681	WG20113	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201134-LCSD	NONE	CORR	9045D	PCHAR	KAS	KATAHDIN ANALYTIC		DRY	METHOD	000	BSD	S	4	03/09/201	03/09/2017			20170309	11:03:00	20170309	18:42:00	WG20113	1	1			Corrosivity (pH units)	CORR	7.1	7.1	PH				TRG		LSA	110	90	20091101				4.2	0.10	0.10	0.10	SK1681	WG20113	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			Hexachlorobenzene	118-74-1	45.7	45.7	UG_L				TRG		LSA	110	50	20091101				4.2	2.1	7.5	10.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201353-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/14/201	03/14/2017			20170314	15:00:00	20170316	18:05:00	WG20135	1	1			Pentachlorophenol	87-86-5	107.	107.	UG_L				TRG		LSA	115	40	20091101				4.2	2.3	19.	25.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201127-TCLP BLK	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170310	12:00:00	20170316	00:57:00	WG20112	1	1			2,4-D	94-75-7	7.0	7.0	UG_L	U			TRG									4.2	1.4	7.0	14.	SK1681	WG20112	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201127-TCLP BLK	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170310	12:00:00	20170316	00:57:00	WG20112	1	1			2,4,5-TP (Silvex)	93-72-1	7.1	7.1	UG_L	U			TRG									4.2	0.95	7.1	14.	SK1681	WG20112	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	10:45:00	20170316	19:42:00	SK1681-2	1	1			2,4-D	94-75-7	7.0	7.0	UG_L	U			TRG						IDW			4.2	1.4	7.0	14.	SK1681	WG20140	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	10:45:00	20170316	19:42:00	SK1681-2	1	1			2,4,5-TP (Silvex)	93-72-1	7.1	7.1	UG_L	U			TRG						IDW			4.2	0.95	7.1	14.	SK1681	WG20140	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	10:45:00	20170316	19:18:00	SK1681-1	1	1			2,4-D	94-75-7	7.0	7.0	UG_L	U			TRG						IDW			4.2	1.4	7.0	14.	SK1681	WG20140	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	10:45:00	20170316	19:18:00	SK1681-1	1	1			2,4,5-TP (Silvex)	93-72-1	7.1	7.1	UG_L	U			TRG						IDW			4.2	0.95	7.1	14.	SK1681	WG20140	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	01:39:00	20170316	01:39:00	SK1681-00	1	1			Chromium	7440-47-3	20	20	UG_L	U			TRG						IDW			4.2	1.8	20	50	SK1681	KC15ICW2	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	01:39:00	20170316	01:39:00	SK1681-00	1	1			Lead	7439-92-1	20	20	UG_L	U			TRG						IDW			4.2	5.5	20	25	SK1681	KC15ICW2	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	01:39:00	20170316	01:39:00	SK1681-00	1	1			Silver	7440-22-4	20	20	UG_L	U			TRG						IDW			4.2	1.4	20	50	SK1681	KC15ICW2	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	01:39:00	20170316	01:39:00	SK1681-00	1	1			Cadmium	7440-43-9	15	15	UG_L	U			TRG						IDW			4.2	0.25	15	25	SK1681	KC15ICW2	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	01:39:00	20170316	01:39:00	SK1681-00	1	1			Selenium	7782-49-2	35	35	UG_L	U			TRG						IDW			4.2	12	35	50	SK1681	KC15ICW2	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	01:39:00	20170316	01:39:00	SK1681-00	1	1			Arsenic	7440-38-2	25	25	UG_L	U			TRG						IDW			4.2	7.0	25	40	SK1681	KC15ICW2	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	01:39:00	20170316	01:39:00	SK1681-00	1	1			Barium	7440-39-3	245	245	UG_L				TRG						IDW			4.2	1.2	15	25	SK1681	KC15ICW2	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	01:34:00	20170316	01:34:00	SK1681-00	1	1			Silver	7440-22-4	20	20	UG_L	U			TRG						IDW			4.2	1.4	20	50	SK1681	KC15ICW2	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	01:34:00	20170316	01:34:00	SK1681-00	1	1			Selenium	7782-49-2	35	35	UG_L	U			TRG						IDW			4.2	12	35	50	SK1681	KC15ICW2	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	01:34:00	20170316	01:34:00	SK1681-00	1	1			Arsenic	7440-38-2	25	25	UG_L	U			TRG						IDW			4.2	7.0	25	40	SK1681	KC15ICW2	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	01:34:00	20170316	01:34:00	SK1681-00	1	1			Barium	7440-39-3	628	628	UG_L				TRG						IDW			4.2	1.2	15	25	SK1681	KC15ICW2	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	01:34:00	20170316	01:34:00	SK1681-00	1	1			Lead	7439-92-1	20	20	UG_L	U			TRG						IDW			4.2	5.5	20	25	SK1681	KC15ICW2	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	01:34:00	20170316	01:34:00	SK1681-00	1	1			Chromium	7440-47-3	20	20	UG_L	U			TRG						IDW			4.2	1.8	20	50	SK1681	KC15ICW2	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170315	01:34:00	20170316	01:34:00	SK1681-00	1	1			Cadmium	7440-43-9	1.8	1.8	UG_L	J			TRG						IDW			4.2	0.25	15	25	SK1681	KC15ICW2	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN	SW1311	NA	METHOD	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	09:04:00	20170314	12:47:00	SK1681-00	1	1			Mercury	7439-97-6	0.10	0.10	UG_L	U			TRG						IDW			4.2	0.013	0.10	0.20	SK1681	KC14HGW	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN	SW1311	NA	METHOD	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	09:03:00	20170314	12:45:00	SK1681-00	1	1			Mercury	7439-97-6	0.10	0.10	UG_L	U			TRG						IDW			4.2	0.013	0.10	0.20	SK1681	KC14HGW	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			Pyridine	110-86-1	190	190	UG_L	U			TRG						IDW			4.2	7.5	190	250	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			Pyridine	110-86-1	190	190	UG_L	U			TRG						IDW			4.2	7.5	190	250	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			1,4-Dichlorobenzene	106-46-7	38	38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			1,4-Dichlorobenzene	106-46-7	38	38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			2-Methylphenol	95-48-7	38	38	UG_L	U			TRG						IDW			4.2	19.	38.	50.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			2-Methylphenol	95-48-7	38	38	UG_L	U			TRG						IDW			4.2	19.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			3- and 4-Methylphenol	m&pCRES	38	38	UG_L	U			TRG						IDW			4.2	28.	38.	50.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			3- and 4-Methylphenol	m&pCRES	38	38	UG_L	U			TRG						IDW			4.2	28.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			Hexachloroethane	67-72-1	38	38	UG_L	U			TRG						IDW			4.2	12.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			Hexachloroethane	67-72-1	38	38	UG_L	U			TRG						IDW			4.2	12.	38.	50.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			Nitrobenzene	98-95-3	38	38	UG_L	U			TRG						IDW			4.2	16.	38.	50.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			Nitrobenzene	98-95-3	38	38	UG_L	U			TRG						IDW			4.2	16.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			Hexachlorobutadiene	87-68-3	38	38	UG_L	U			TRG						IDW			4.2	9.0	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			Hexachlorobutadiene	87-68-3	38	38	UG_L	U			TRG						IDW			4.2	9.0	38.	50.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			2,4,6-Trichlorophenol	88-06-2	38	38	UG_L	U			TRG						IDW			4.2	14.	38.	50.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			2,4,6-Trichlorophenol	88-06-2	38	38	UG_L	U			TRG						IDW			4.2	14.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			2,4,5-Trichlorophenol	95-95-4	94	94	UG_L	U			TRG						IDW			4.2	18.	94.	120	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			2,4,5-Trichlorophenol	95-95-4	94	94	UG_L	U			TRG						IDW			4.2	18.	94.	120	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			2,4-Dinitrotoluene	121-14-2	38	38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			2,4-Dinitrotoluene	121-14-2	38	38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			Hexachlorobenzene	118-74-1	38	38	UG_L	U			TRG						IDW			4.2	10.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			Hexachlorobenzene	118-74-1	38	38	UG_L	U			TRG						IDW			4.2	10.	38.	50.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	E1	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170324	11:30:00	20170327	16:38:00	SK1681-2R	1	2			Pentachlorophenol	87-86-5	94	94	UG_L	U			TRG						IDW			4.2	12.	94.	120	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170317	00:26:00	SK1681-2	1	1			Pentachlorophenol	87-86-5	94	94	UG_L	U			TRG						IDW			4.2	12.	94.	120	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			Pyridine	110-86-1	190	190	UG_L	U			TRG						IDW			4.2	7.5	190	250	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			1,4-Dichlorobenzene	106-46-7	38	38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			2-Methylphenol	95-48-7	38	38	UG_L	U			TRG						IDW			4.2	19.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			3- and 4-Methylphenol	m&pCRES	38	38	UG_L	U			TRG						IDW			4.2	28.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			Hexachloroethane	67-72-1	38	38	UG_L	U			TRG						IDW			4.2	12.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			Nitrobenzene	98-95-3	38	38	UG_L	U			TRG						IDW			4.2	16.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			Hexachlorobutadiene	87-68-3	38	38	UG_L	U			TRG						IDW			4.2	9.0	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			2,4,6-Trichlorophenol	88-06-2	38	38	UG_L	UL			TRG						IDW			4.2	14.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			2,4,5-Trichlorophenol	95-95-4	94	94	UG_L	UL			TRG						IDW			4.2	18.	94.	120	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			2,4-Dinitrotoluene	121-14-2	38	38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			Hexachlorobenzene	118-74-1	38	38	UG_L	U			TRG						IDW			4.2	10.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	03/03/201	03/04/201	20170310	08:04:00	20170314	15:00:00	20170316	23:56:00	SK1681-1	1	1			Pentachlorophenol	87-86-5	94	94	UG_L	UL			TRG						IDW			4.2	12.	94.	120	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			Pyridine	110-86-1	190	190	UG_L	U			TRG									4.2	7.5	190	250	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			1,4-Dichlorobenzene	106-46-7	38	38	UG_L	U			TRG									4.2	11.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			2-Methylphenol	95-48-7	38	38	UG_L	U			TRG									4.2	19.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			3- and 4-Methylphenol	m&pCRES	38	38	UG_L	U			TRG									4.2	28.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			Hexachloroethane	67-72-1	38	38	UG_L	U			TRG									4.2	12.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			Nitrobenzene	98-95-3	38	38	UG_L	U			TRG									4.2	16.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			Hexachlorobutadiene	87-68-3	38	38	UG_L	U			TRG									4.2	9.0	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			2,4,6-Trichlorophenol	88-06-2	38	38	UG_L	U			TRG									4.2	14.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			2,4,5-Trichlorophenol	95-95-4	94	94	UG_L	U			TRG									4.2	18.	94.	120	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			2,4-Dinitrotoluene	121-14-2	38	38	UG_L	U			TRG									4.2	11.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			Hexachlorobenzene	118-74-1	38	38	UG_L	U			TRG									4.2	10.	38.	50.	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201353-TCLP BLK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	03/08/201	03/08/201	20170308	08:05:00	20170314	15:00:00	20170316	16:37:00	WG20135	1	1			Pentachlorophenol	87-86-5	94	94	UG_L	U			TRG									4.2	12.	94.	120	SK1681	WG20135	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			Pyridine	110-86-1	38	38	UG_L	U			TRG									4.2	1.5	38.	50.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			1,4-Dichlorobenzene	106-46-7	7.5	7.5	UG_L	U			TRG									4.2	2.2	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			2-Methylphenol	95-48-7	7.5	7.5	UG_L	U			TRG									4.2	3.8	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			3- and 4-Methylphenol	m&pCRES	7.5	7.5	UG_L	U			TRG									4.2	5.6	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			Hexachloroethane	67-72-1	7.5	7.5	UG_L	U			TRG									4.2	2.3	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			Nitrobenzene	98-95-3	7.5	7.5	UG_L	U			TRG									4.2	3.1	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			Hexachlorobutadiene	87-68-3	7.5	7.5	UG_L	U			TRG									4.2	1.8	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			2,4,6-Trichlorophenol	88-06-2	7.5	7.5	UG_L	U			TRG									4.2	2.7	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			2,4,5-Trichlorophenol	95-95-4	19	19	UG_L	U			TRG									4.2	3.6	19.	25.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			2,4-Dinitrotoluene	121-14-2	7.5	7.5	UG_L	U			TRG									4.2	2.2	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			Hexachlorobenzene	118-74-1	7.5	7.5	UG_L	U			TRG									4.2	2.1	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:11:00	WG20193	1	1			Pentachlorophenol	87-86-5	19	19	UG_L	U			TRG									4.2	2.3	19.	25.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			Pyridine	110-86-1	11.4	11.4	UG_L				TRG		LSA	96	10	20091101				4.2	1.5	38.	50.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			1,4-Dichlorobenzene	106-46-7	29.8	29.8	UG_L				TRG		LSA	100	30	20091101				4.2	2.2	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			2-Methylphenol	95-48-7	52.1	52.1	UG_L				TRG		LSA	110	40	20091101				4.2	3.8	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			3- and 4-Methylphenol	m&pCRES	43.6	43.6	UG_L				TRG		LSA	110	30	20091101				4.2	5.6	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			Hexachloroethane	67-72-1	31.6	31.6	UG_L				TRG		LSA	100	30	20091101				4.2	2.3	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			Nitrobenzene	98-95-3	32.1	32.1	UG_L				TRG		LSA	110	45	20091101				4.2	3.1	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			Hexachlorobutadiene	87-68-3	28.4	28.4	UG_L				TRG		LSA	105	25	20091101				4.2	1.8	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			2,4,6-Trichlorophenol	88-06-2	72.1	72.1	UG_L				TRG		LSA	115	50	20091101				4.2	2.7	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			2,4,5-Trichlorophenol	95-95-4	76.7	76.7	UG_L				TRG		LSA	110	50	20091101				4.2	3.6	19.	25.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			2,4-Dinitrotoluene	121-14-2	40.6	40.6	UG_L				TRG		LSA	120	50	20091101				4.2	2.2	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			Hexachlorobenzene	118-74-1	33.4	33.4	UG_L				TRG		LSA	110	50	20091101				4.2	2.1	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	15:40:00	WG20193	1	1			Pentachlorophenol	87-86-5	95.7	95.7	UG_L				TRG		LSA	115	40	20091101				4.2	2.3	19.	25.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			Pyridine	110-86-1	4.11	4.11	UG_L	*			TRG		LSA	96	10	20091101				4.2	1.5	38.	50.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			1,4-Dichlorobenzene	106-46-7	33.4	33.4	UG_L				TRG		LSA	100	30	20091101				4.2	2.2	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			2-Methylphenol	95-48-7	58.6	58.6	UG_L				TRG		LSA	110	40	20091101				4.2	3.8	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			3- and 4-Methylphenol	m&pCRES	45.0	45.0	UG_L				TRG		LSA	110	30	20091101				4.2	5.6	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			Hexachloroethane	67-72-1	34.3	34.3	UG_L				TRG		LSA	100	30	20091101				4.2	2.3	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			Nitrobenzene	98-95-3	35.4	35.4	UG_L				TRG		LSA	110	45	20091101				4.2	3.1	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			Hexachlorobutadiene	87-68-3	35.2	35.2	UG_L				TRG		LSA	105	25	20091101				4.2	1.8	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			2,4,6-Trichlorophenol	88-06-2	78.4	78.4	UG_L				TRG		LSA	115	50	20091101				4.2	2.7	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			2,4,5-Trichlorophenol	95-95-4	86.2	86.2	UG_L				TRG		LSA	110	50	20091101				4.2	3.6	19.	25.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			2,4-Dinitrotoluene	121-14-2	39.5	39.5	UG_L				TRG		LSA	120	50	20091101				4.2	2.2	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			Hexachlorobenzene	118-74-1	39.6	39.6	UG_L				TRG		LSA	110	50	20091101				4.2	2.1	7.5	10.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201936-LCSD	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BSD	W	4	03/24/201	03/24/2017			20170324	11:30:00	20170327	16:09:00	WG20193	1	1			Pentachlorophenol	87-86-5	100.	100.	UG_L				TRG		LSA	115	40	20091101				4.2	2.3	19.	25.	SK1681	WG20193	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-TCLP BLK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	03/15/201	03/15/201	20170315	08:07:00	20170315	13:17:00	20170315	13:17:00	WG20141	20	1	10.851		Benzene	71-43-2	10	10	UG_L	U			TRG									4.2	5.2	10.	100	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-TCLP BLK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	03/15/201	03/15/201	20170315	08:07:00	20170315	13:17:00	20170315	13:17:00	WG20141	20	1	10.851		Carbon tetrachloride	56-23-5	10	10	UG_L	U			TRG									4.2	4.4	10.	100	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-TCLP BLK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	03/15/201	03/15/201	20170315	08:07:00	20170315	13:17:00	20170315	13:17:00	WG20141	20	1	10.851		Chlorobenzene	108-90-7	10	10	UG_L	U			TRG									4.2	4.4	10.	100	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-TCLP BLK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	03/15/201	03/15/201	20170315	08:07:00	20170315	13:17:00	20170315	13:17:00	WG20141	20	1	10.851		Chloroform	67-66-3	10	10	UG_L	U			TRG									4.2	6.4	10.	100	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-TCLP BLK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	03/15/201	03/15/201	20170315	08:07:00	20170315	13:17:00	20170315	13:17:00	WG20141	20	1	10.851		1,2-Dichloroethane	107-06-2	10	10	UG_L	U			TRG									4.2	4.0	10.	100	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-TCLP BLK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	03/15/201	03/15/201	20170315	08:07:00	20170315	13:17:00	20170315	13:17:00	WG20141	20	1	10.851		1,1-Dichloroethene	75-35-4	10	10	UG_L	U			TRG									4.2	7.0	10.	100	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-TCLP BLK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	03/15/201	03/15/201	20170315	08:07:00	20170315	13:17:00	20170315	13:17:00	WG20141	20	1	10.851		2-Butanone	78-93-3	50	50	UG_L	U			TRG									4.2	26.	50.	300	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-TCLP BLK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	03/15/201	03/15/201	20170315	08:07:00	20170315	13:17:00	20170315	13:17:00	WG20141	20	1	10.851		Tetrachloroethene	127-18-4	10	10	UG_L	U			TRG									4.2	8.0	10.	100	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-TCLP BLK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	03/15/201	03/15/201	20170315	08:07:00	20170315	13:17:00	20170315	13:17:00	WG20141	20	1	10.851		Trichloroethene	79-01-6	10	10	UG_L	U			TRG									4.2	5.6	10.	100	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	WG201413-TCLP BLK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	03/15/201	03/15/201	20170315	08:07:00	20170315	13:17:00	20170315	13:17:00	WG20141	20	1	10.851		Vinyl chloride	75-01-4	20	20	UG_L	U			TRG									4.2	5.0	20.	100	SK1681	WG20141	Preload Cl	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	14:25:00	20170315	14:25:00	SK1681-2	20	1			Benzene	71-43-2	10	10	UG_L	U			TRG						IDW			4.2	5.2	10.	100	SK1681	WG20141	Preload Cl	20170331

N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	14:25:00	20170315	14:25:00	SK1681-2	20	1			Carbon tetrachloride	56-23-5	10	10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	14:25:00	20170315	14:25:00	SK1681-2	20	1			Chlorobenzene	108-90-7	10	10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	14:25:00	20170315	14:25:00	SK1681-2	20	1			Chloroform	67-66-3	10	10	UG_L	U			TRG						IDW			4.2	6.4	10.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	14:25:00	20170315	14:25:00	SK1681-2	20	1			1,2-Dichloroethane	107-06-2	10	10	UG_L	U			TRG						IDW			4.2	4.0	10.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	14:25:00	20170315	14:25:00	SK1681-2	20	1			1,1-Dichloroethene	75-35-4	10	10	UG_L	U			TRG						IDW			4.2	7.0	10.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	14:25:00	20170315	14:25:00	SK1681-2	20	1			2-Butanone	78-93-3	50	50	UG_L	U			TRG						IDW			4.2	26.	50.	300	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	14:25:00	20170315	14:25:00	SK1681-2	20	1			Tetrachloroethene	127-18-4	10	10	UG_L	U			TRG						IDW			4.2	8.0	10.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	14:25:00	20170315	14:25:00	SK1681-2	20	1			Trichloroethene	79-01-6	10	10	UG_L	U			TRG						IDW			4.2	5.6	10.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW02-GW-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	14:25:00	20170315	14:25:00	SK1681-2	20	1			Vinyl chloride	75-01-4	20	20	UG_L	U			TRG						IDW			4.2	5.0	20.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	13:51:00	20170315	13:51:00	SK1681-1	20	1			Benzene	71-43-2	10	10	UG_L	U			TRG						IDW			4.2	5.2	10.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	13:51:00	20170315	13:51:00	SK1681-1	20	1			Carbon tetrachloride	56-23-5	10	10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	13:51:00	20170315	13:51:00	SK1681-1	20	1			Chlorobenzene	108-90-7	10	10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	13:51:00	20170315	13:51:00	SK1681-1	20	1			Chloroform	67-66-3	10	10	UG_L	U			TRG						IDW			4.2	6.4	10.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	13:51:00	20170315	13:51:00	SK1681-1	20	1			1,2-Dichloroethane	107-06-2	10	10	UG_L	U			TRG						IDW			4.2	4.0	10.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	13:51:00	20170315	13:51:00	SK1681-1	20	1			1,1-Dichloroethene	75-35-4	10	10	UG_L	U			TRG						IDW			4.2	7.0	10.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	13:51:00	20170315	13:51:00	SK1681-1	20	1			2-Butanone	78-93-3	50	50	UG_L	U			TRG						IDW			4.2	26.	50.	300	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	13:51:00	20170315	13:51:00	SK1681-1	20	1			Tetrachloroethene	127-18-4	10	10	UG_L	U			TRG						IDW			4.2	8.0	10.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	13:51:00	20170315	13:51:00	SK1681-1	20	1			Trichloroethene	79-01-6	10	10	UG_L	U			TRG						IDW			4.2	5.6	10.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW01-SO-0317	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	03/03/201	03/04/201	20170315	08:07:00	20170315	13:51:00	20170315	13:51:00	SK1681-1	20	1			Vinyl chloride	75-01-4	20	20	UG_L	U			TRG						IDW			4.2	5.0	20.	100	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/15/201	03/15/2017			20170315	12:43:00	20170315	12:43:00	WG20141	1	1			Benzene	71-43-2	0.50	0.50	UG_L	U			TRG									4.2	0.26	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/15/201	03/15/2017			20170315	12:43:00	20170315	12:43:00	WG20141	1	1			Carbon tetrachloride	56-23-5	0.50	0.50	UG_L	U			TRG									4.2	0.22	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/15/201	03/15/2017			20170315	12:43:00	20170315	12:43:00	WG20141	1	1			Chlorobenzene	108-90-7	0.50	0.50	UG_L	U			TRG									4.2	0.22	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/15/201	03/15/2017			20170315	12:43:00	20170315	12:43:00	WG20141	1	1			Chloroform	67-66-3	0.50	0.50	UG_L	U			TRG									4.2	0.32	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/15/201	03/15/2017			20170315	12:43:00	20170315	12:43:00	WG20141	1	1			1,2-Dichloroethane	107-06-2	0.50	0.50	UG_L	U			TRG									4.2	0.20	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/15/201	03/15/2017			20170315	12:43:00	20170315	12:43:00	WG20141	1	1			1,1-Dichloroethene	75-35-4	0.50	0.50	UG_L	U			TRG									4.2	0.35	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/15/201	03/15/2017			20170315	12:43:00	20170315	12:43:00	WG20141	1	1			2-Butanone	78-93-3	2.5	2.5	UG_L	U			TRG									4.2	1.3	2.5	15.	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/15/201	03/15/2017			20170315	12:43:00	20170315	12:43:00	WG20141	1	1			Tetrachloroethene	127-18-4	0.50	0.50	UG_L	U			TRG									4.2	0.40	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/15/201	03/15/2017			20170315	12:43:00	20170315	12:43:00	WG20141	1	1			Trichloroethene	79-01-6	0.50	0.50	UG_L	U			TRG									4.2	0.28	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	03/15/201	03/15/2017			20170315	12:43:00	20170315	12:43:00	WG20141	1	1			Vinyl chloride	75-01-4	1.0	1.0	UG_L	U			TRG									4.2	0.25	1.0	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/15/201	03/15/2017			20170315	11:00:00	20170315	11:00:00	WG20141	1	1			Benzene	71-43-2	48.1	48.1	UG_L				TRG		LSA	120	80	20091101				4.2	0.26	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/15/201	03/15/2017			20170315	11:00:00	20170315	11:00:00	WG20141	1	1			Carbon tetrachloride	56-23-5	51.7	51.7	UG_L				TRG		LSA	140	65	20091101				4.2	0.22	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/15/201	03/15/2017			20170315	11:00:00	20170315	11:00:00	WG20141	1	1			Chlorobenzene	108-90-7	50.0	50.0	UG_L				TRG		LSA	120	80	20091101				4.2	0.22	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/15/201	03/15/2017			20170315	11:00:00	20170315	11:00:00	WG20141	1	1			Chloroform	67-66-3	50.5	50.5	UG_L				TRG		LSA	135	65	20091101				4.2	0.32	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/15/201	03/15/2017			20170315	11:00:00	20170315	11:00:00	WG20141	1	1			1,2-Dichloroethane	107-06-2	49.4	49.4	UG_L				TRG		LSA	130	70	20091101				4.2	0.20	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/15/201	03/15/2017			20170315	11:00:00	20170315	11:00:00	WG20141	1	1			1,1-Dichloroethene	75-35-4	48.2	48.2	UG_L				TRG		LSA	130	70	20091101				4.2	0.35	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/15/201	03/15/2017			20170315	11:00:00	20170315	11:00:00	WG20141	1	1			2-Butanone	78-93-3	51.4	51.4	UG_L				TRG		LSA	150	30	20091101				4.2	1.3	2.5	15.	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/15/201	03/15/2017			20170315	11:00:00	20170315	11:00:00	WG20141	1	1			Tetrachloroethene	127-18-4	48.1	48.1	UG_L				TRG		LSA	150	45	20091101				4.2	0.40	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/15/201	03/15/2017			20170315	11:00:00	20170315	11:00:00	WG20141	1	1			Trichloroethene	79-01-6	47.8	47.8	UG_L				TRG		LSA	125	70	20091101				4.2	0.28	0.50	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	WG201413-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	03/15/201	03/15/2017			20170315	11:00:00	20170315	11:00:00	WG20141	1	1			Vinyl chloride	75-01-4	44.4	44.4	UG_L				TRG		LSA	145	50	20091101				4.2	0.25	1.0	5.0	SK1681	WG20141	Preload C	20170331
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170627	11:01:00	20170627	19:11:00	SK5275-1	1	1			gamma-BHC (Lindane)	58-89-9		0.12	UG_L	U			TRG						IDW			4.2	0.036	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170627	11:01:00	20170627	19:11:00	SK5275-1	1	1			Heptachlor	76-44-8		0.12	UG_L	U			TRG						IDW			4.2	0.040	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170627	11:01:00	20170627	19:11:00	SK5275-1	1	1			Heptachlor epoxide	1024-57-3		0.12	UG_L	U			TRG						IDW			4.2	0.037	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170627	11:01:00	20170627	19:11:00	SK5275-1	1	1			Endrin	72-20-8		0.25	UG_L	U			TRG						IDW			4.2	0.042	0.25	0.50	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170627	11:01:00	20170627	19:11:00	SK5275-1	1	1			Methoxychlor	72-43-5		1.2	UG_L	U			TRG						IDW			4.2	0.042	1.2	2.5	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170627	11:01:00	20170627	19:11:00	SK5275-1	1	1			technical-Chlordane	12789-03-6		1.2	UG_L	U			TRG						IDW			4.2	0.42	1.2	2.5	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170627	11:01:00	20170627	19:11:00	SK5275-1	1	1			Toxaphene	8001-35-2		2.5	UG_L	U			TRG						IDW			4.2	0.85	2.5	5.0	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170627	11:10:00	20170627	15:57:00	WG20806	1	1			gamma-BHC (Lindane)	58-89-9		0.12	UG_L	U			TRG									4.2	0.036	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170627	11:10:00	20170627	15:57:00	WG20806	1	1			Heptachlor	76-44-8		0.12	UG_L	U			TRG									4.2	0.040	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170627	11:10:00	20170627	15:57:00	WG20806	1	1			Heptachlor epoxide	1024-57-3		0.12	UG_L	U			TRG									4.2	0.037	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170627	11:10:00	20170627	15:57:00	WG20806	1	1			Endrin	72-20-8		0.25	UG_L	U			TRG									4.2	0.042	0.25	0.50	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170627	11:10:00	20170627	15:57:00	WG20806	1	1			Methoxychlor	72-43-5		1.2	UG_L	U			TRG									4.2	0.042	1.2	2.5	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170627	11:10:00	20170627	15:57:00	WG20806	1	1			technical-Chlordane	12789-03-6		1.2	UG_L	U			TRG									4.2	0.42	1.2	2.5	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170627	11:10:00	20170627	15:57:00	WG20806	1	1			Toxaphene	8001-35-2		2.5	UG_L	U			TRG									4.2	0.85	2.5	5.0	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:02:00	20170627	19:30:00	SK5275-2	1	1			gamma-BHC (Lindane)	58-89-9		0.12	UG_L	U			TRG						IDW			4.2	0.036	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:02:00	20170627	19:30:00	SK5275-2	1	1			Heptachlor	76-44-8		0.12	UG_L	U			TRG						IDW			4.2	0.040	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:02:00	20170627	19:30:00	SK5275-2	1	1			Heptachlor epoxide	1024-57-3		0.12	UG_L	U			TRG						IDW			4.2	0.037	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:02:00	20170627	19:30:00	SK5275-2	1	1			Endrin	72-20-8		0.25	UG_L	U			TRG						IDW			4.2	0.042	0.25	0.50	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:02:00	20170627	19:30:00	SK5275-2	1	1			Methoxychlor	72-43-5		1.2	UG_L	U			TRG						IDW			4.2	0.042	1.2	2.5	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:02:00	20170627	19:30:00	SK5275-2	1	1			technical-Chlordane	12789-03-6		1.2	UG_L	U			TRG						IDW			4.2	0.42	1.2	2.5	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:02:00	20170627	19:30:00	SK5275-2	1	1			Toxaphene	8001-35-2		2.5	UG_L	U			TRG						IDW			4.2	0.85	2.5	5.0	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:03:00	20170627	19:50:00	SK5275-3	1	1			gamma-BHC (Lindane)	58-89-9		0.12	UG_L	U			TRG						IDW			4.2	0.036	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:03:00	20170627	19:50:00	SK5275-3	1	1			Heptachlor	76-44-8		0.12	UG_L	U			TRG						IDW			4.2	0.040	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:03:00	20170627	19:50:00	SK5275-3	1	1			Heptachlor epoxide	1024-57-3		0.12	UG_L	U			TRG						IDW			4.2	0.037	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:03:00	20170627	19:50:00	SK5275-3	1	1			Endrin	72-20-8		0.25	UG_L	U			TRG						IDW			4.2	0.042	0.25	0.50	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:03:00	20170627	19:50:00	SK5275-3	1	1			Methoxychlor	72-43-5		1.2	UG_L	U			TRG						IDW			4.2	0.042	1.2	2.5	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:03:00	20170627	19:50:00	SK5275-3	1	1			technical-Chlordane	12789-03-6		1.2	UG_L	U			TRG						IDW			4.2	0.42	1.2	2.5	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:03:00	20170627	19:50:00	SK5275-3	1	1			Toxaphene	8001-35-2		2.5	UG_L	U			TRG						IDW			4.2	0.85	2.5	5.0	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170703	11:01:00	20170703	15:32:00	SK5275-4R	1	1			gamma-BHC (Lindane)	58-89-9		0.19	UG_L	U			TRG						IDW			4.2	0.055	0.19	0.38	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170703	11:01:00	20170703	15:32:00	SK5275-4R	1	1			Heptachlor	76-44-8		0.19	UG_L	U			TRG						IDW			4.2	0.062	0.19	0.38	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170703	11:01:00	20170703	15:32:00	SK5275-4R	1	1			Heptachlor epoxide	1024-57-3		0.19	UG_L	U			TRG						IDW			4.2	0.057	0.19	0.38	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170703	11:01:00	20170703	15:32:00	SK5275-4R	1	1			Endrin	72-20-8		0.38	UG_L	U			TRG						IDW			4.2	0.065	0.38	0.77	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170703	11:01:00	20170703	15:32:00	SK5275-4R	1	1			Methoxychlor	72-43-5		1.9	UG_L	U			TRG						IDW			4.2	0.065	1.9	3.8	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170703	11:01:00	20170703	15:32:00	SK5275-4R	1	1			technical-Chlordane	12789-03-6		1.9	UG_L	U			TRG						IDW			4.2	0.64	1.9	3.8	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170703	11:01:00	20170703	15:32:00	SK5275-4R	1	1			Toxaphene	8001-35-2		3.8	UG_L	U			TRG						IDW			4.2	1.3	3.8	7.7	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:04:00	20170627	20:29:00	SK5275-5	1	1			gamma-BHC (Lindane)	58-89-9		0.12	UG_L	U			TRG						IDW			4.2	0.036	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:04:00	20170627	20:29:00	SK5275-5	1	1			Heptachlor	76-44-8		0.12	UG_L	U			TRG						IDW			4.2	0.040	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:04:00	20170627	20:29:00	SK5275-5	1	1			Heptachlor epoxide	1024-57-3		0.12	UG_L	U			TRG						IDW			4.2	0.037	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:04:00	20170627	20:29:00	SK5275-5	1	1			Endrin	72-20-8		0.25	UG_L	U			TRG						IDW			4.2	0.042	0.25	0.50	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:04:00	20170627	20:29:00	SK5275-5	1	1			Methoxychlor	72-43-5		1.2	UG_L	U			TRG						IDW			4.2	0.042	1.2	2.5	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:04:00	20170627	20:29:00	SK5275-5	1	1			technical-Chlordane	12789-03-6		1.2	UG_L	U			TRG						IDW			4.2	0.42	1.2	2.5	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:04:00	20170627	20:29:00	SK5275-5	1	1			Toxaphene	8001-35-2		2.5	UG_L	U			TRG						IDW			4.2	0.85	2.5	5.0	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:05:00	20170627	20:48:00	SK5275-6	1	1			gamma-BHC (Lindane)	58-89-9		0.12	UG_L	U			TRG						IDW			4.2	0.036	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:05:00	20170627	20:48:00	SK5275-6	1	1			Heptachlor	76-44-8		0.12	UG_L	U			TRG						IDW			4.2	0.040	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:05:00	20170627	20:48:00	SK5275-6	1	1			Heptachlor epoxide	1024-57-3		0.12	UG_L	U			TRG						IDW			4.2	0.037	0.12	0.25	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:05:00	20170627	20:48:00	SK5275-6	1	1			Endrin	72-20-8		0.25	UG_L	U			TRG						IDW			4.2	0.042	0.25	0.50	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:05:00	20170627	20:48:00	SK5275-6	1	1			Methoxychlor	72-43-5		1.2	UG_L	U			TRG						IDW			4.2	0.042	1.2	2.5	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:05:00	20170627	20:48:00	SK5275-6	1	1			technical-Chlordane	12789-03-6		1.2	UG_L	U			TRG						IDW			4.2	0.42	1.2	2.5	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	11:05:00	20170627	20:48:00	SK5275-6	1	1			Toxaphene	8001-35-2		2.5	UG_L	U			TRG						IDW			4.2	0.85	2.5	5.0	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207830-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170623	07:01:00	20170626	19:04:00	WG20783	1	1			gamma-BHC (Lindane)	58-89-9		0.12	UG_L	U			TRG									4.2	0.036	0.12	0.25	SK5275	WG20783	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207830-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170623	07:01:00	20170626	19:04:00	WG20783	1	1			Heptachlor	76-44-8		0.12	UG_L	U			TRG									4.2	0.040	0.12	0.25	SK5275	WG20783	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207830-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170623	07:01:00	20170626	19:04:00	WG20783	1	1			Heptachlor epoxide	1024-57-3		0.12	UG_L	U			TRG									4.2	0.037	0.12	0.25	SK5275	WG20783	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207830-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170623	07:01:00	20170626	19:04:00	WG20783	1	1			Endrin	72-20-8		0.25	UG_L	U			TRG									4.2	0.042	0.25	0.50	SK5275	WG20783	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207830-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170623	07:01:00	20170626	19:04:00	WG20783	1	1			Methoxychlor	72-43-5		1.2	UG_L	U			TRG									4.2	0.042	1.2	2.5	SK5275	WG20783	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207830-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170623	07:01:00	20170626	19:04:00	WG20783	1	1			technical-Chlordane	12789-03-6		1.2	UG_L	U			TRG									4.2	0.42	1.2	2.5	SK5275	WG20783	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207830-TCLPBLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170623	07:01:00	20170626	19:04:00	WG20783	1	1			Toxaphene	8001-35-2		2.5	UG_L	U			TRG									4.2	0.85	2.5	5.0	SK5275	WG20783	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/27/201	06/27/2017			20170627	11:06:00	20170627	14:00:00	WG20806	1	1			gamma-BHC (Lindane)	58-89-9		0.025	UG_L	U			TRG									4.2	0.0072	0.025	0.050	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/27/201	06/27/2017			20170627	11:06:00	20170627	14:00:00	WG20806	1	1			Heptachlor	76-44-8		0.025	UG_L	U			TRG									4.2	0.0080	0.025	0.050	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/27/201	06/27/2017			20170627	11:06:00	20170627	14:00:00	WG20806	1	1			Heptachlor epoxide	1024-57-3		0.025	UG_L	U			TRG									4.2	0.0074	0.025	0.050	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/27/201	06/27/2017			20170627	11:06:00	20170627	14:00:00	WG20806	1	1			Endrin	72-20-8		0.050	UG_L	U			TRG									4.2	0.0084	0.050	0.10	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/27/201	06/27/2017			20170627	11:06:00	20170627	14:00:00	WG20806	1	1			Methoxychlor	72-43-5		0.25	UG_L	U			TRG									4.2	0.0084	0.25	0.50	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/27/201	06/27/2017			20170627	11:06:00	20170627	14:00:00	WG20806	1	1			technical-Chlordane	12789-03-6		0.25	UG_L	U			TRG									4.2	0.083	0.25	0.50	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/27/201	06/27/2017			20170627	11:06:00	20170627	14:00:00	WG20806	1	1			Toxaphene	8001-35-2		0.50	UG_L	U			TRG									4.2	0.17	0.50	1.0	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	11:07:00	20170627	14:20:00	WG20806	1	1			gamma-BHC (Lindane)	58-89-9		0.473	UG_L				TRG		LSA	135	25	20091101				4.2	0.0072	0.025	0.050	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	11:07:00	20170627	14:20:00	WG20806	1	1			Heptachlor	76-44-8		0.537	UG_L				TRG		LSA	130	40	20091101				4.2	0.0080	0.025	0.050	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	11:07:00	20170627	14:20:00	WG20806	1	1			Heptachlor epoxide	1024-57-3		0.453	UG_L				TRG		LSA	130	60	20091101				4.2	0.0074	0.025	0.050	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	11:07:00	20170627	14:20:00	WG20806	1	1			Endrin	72-20-8		0.453	UG_L				TRG		LSA	135	55	20091101				4.2	0.0084	0.050	0.10	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	11:07:00	20170627	14:20:00	WG20806	1	1			Methoxychlor	72-43-5		0.449	UG_L				TRG		LSA	150	55	20091101				4.2	0.0084	0.25	0.50	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-LCS1	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	11:08:00	20170627	14:39:00	WG20806	1	1			Toxaphene	8001-35-2		7.59	UG_L				TRG		LSA	110	32	20091101				4.2	0.17	0.50	1.0	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208064-LCS2	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	11:09:00	20170627	14:58:00	WG20806	1	1			technical-Chlordane	12789-03-6		7.08	UG_L				TRG		LSA	115	47	20091101				4.2	0.083	0.25	0.50	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208464-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	07/03/201	07/03/2017			20170703	11:02:00	20170703	13:36:00	WG20846	1	1			gamma-BHC (Lindane)	58-89-9		0.025	UG_L	U			TRG									4.2	0.0072	0.025	0.050	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208464-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	07/03/201	07/03/2017			20170703	11:02:00	20170703	13:36:00	WG20846	1	1			Heptachlor	76-44-8		0.025	UG_L	U			TRG									4.2	0.0080	0.025	0.050	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208464-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	07/03/201	07/03/2017			20170703	11:02:00	20170703	13:36:00	WG20846	1	1			Heptachlor epoxide	1024-57-3		0.025	UG_L	U			TRG									4.2	0.0074	0.025	0.050	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208464-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	07/03/201	07/03/2017			20170703	11:02:00	20170703	13:36:00	WG20846	1	1			Endrin	72-20-8		0.050	UG_L	U			TRG									4.2	0.0084	0.050	0.10	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208464-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	07/03/201	07/03/2017			20170703	11:02:00	20170703	13:36:00	WG20846	1	1			Methoxychlor	72-43-5		0.25	UG_L	U			TRG									4.2	0.0084	0.25	0.50	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208464-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	07/03/201	07/03/2017			20170703	11:02:00	20170703	13:36:00	WG20846	1	1			technical-Chlordane	12789-03-6		0.25	UG_L	U			TRG									4.2	0.083	0.25	0.50	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208464-BLANK	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	07/03/201	07/03/2017			20170703	11:02:00	20170703	13:36:00	WG20846	1	1			Toxaphene	8001-35-2		0.50	UG_L	U			TRG									4.2	0.17	0.50	1.0	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208464-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	07/03/201	07/03/2017			20170703	11:03:00	20170703	13:55:00	WG20846	1	1			gamma-BHC (Lindane)	58-89-9		0.430	UG_L				TRG		LSA	135	25	20091101				4.2	0.0072	0.025	0.050	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208464-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	07/03/201	07/03/2017			20170703	11:03:00	20170703	13:55:00	WG20846	1	1			Heptachlor	76-44-8		0.490	UG_L				TRG		LSA	130	40	20091101				4.2	0.0080	0.025	0.050	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208464-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	07/03/201	07/03/2017			20170703	11:03:00	20170703	13:55:00	WG20846	1	1			Heptachlor epoxide	1024-57-3		0.430	UG_L				TRG		LSA	130	60	20091101				4.2	0.0074	0.025	0.050	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208464-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	07/03/201	07/03/2017			20170703	11:03:00	20170703	13:55:00	WG20846	1	1			Endrin	72-20-8		0.448	UG_L				TRG		LSA	135	55	20091101				4.2	0.0084	0.050	0.10	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208464-LCS	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	07/03/201	07/03/2017			20170703	11:03:00	20170703	13:55:00	WG20846	1	1			Methoxychlor	72-43-5		0.423	UG_L				TRG		LSA	150	55	20091101				4.2	0.0084	0.25	0.50	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208464-LCS1	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	07/03/201	07/03/2017			20170703	11:04:00	20170703	14:15:00	WG20846	1	1			Toxaphene	8001-35-2		8.26	UG_L				TRG		LSA	110	32	20091101				4.2	0.17	0.50	1.0	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208464-LCS2	TCLP	TCLPP	1311-8081	P_A	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	07/03/201	07/03/2017			20170703	11:05:00	20170703	14:34:00	WG20846	1	1			technical-Chlordane	12789-03-6		11.3	UG_L				TRG		LSA	115	47	20091101				4.2	0.083	0.25	0.50	SK5275	WG20846	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208066-BLANK	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/27/201	06/27/2017			20170627	13:07:00	20170628	16:01:00	WG20806	1	1			2,4-D	94-75-7		1.4	UG_L	U			TRG									4.2	0.28	1.4	2.8	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208066-BLANK	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/27/201	06/27/2017			20170627	13:07:00	20170628	16:01:00	WG20806	1	1			2,4,5-TP (Silvex)	93-72-1		1.4	UG_L	U			TRG									4.2	0.19	1.4	2.8	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208066-LCS	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	13:08:00	20170628	16:25:00	WG20806	1	1			2,4-D	94-75-7		4.89	UG_L				TRG		LSA	115	35	20091101				4.2	0.28	1.4	2.8	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208066-LCS	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/27/201	06/27/2017			20170627	13:08:00	20170628	16:25:00	WG20806	1	1			2,4,5-TP (Silvex)	93-72-1		4.96	UG_L				TRG		LSA	115	50	20091101				4.2	0.19	1.4	2.8	SK5275	WG20806	Preload C	20170801
N6247016	JM01		MERIDIAN	PBWKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/19/201	06/19/2017			20170619	08:03:00	20170619	18:58:00	PBWKF19I	1	1			Arsenic	7440-38-2		25	UG_L	U			TRG									4.2	7.1	25	40	SK5275	KF19ICW1	Preload C	20170801
N6247016	JM01		MERIDIAN	PBT1403A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170630	10:03:00	20170630	23:19:00	PBT1403A	1	1			Arsenic	7440-38-2		25	UG_L	U			TRG									4.2	7.1	25	40	SK5275	KF30ICW3	Preload C	20170801
N6247016	JM01		MERIDIAN	PBT1402A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170619	08:04:00	20170619	19:14:00	PBT1402A	1	1			Arsenic	7440-38-2		7.7	UG_L	J			TRG									4.2	7.1	25	40	SK5275	KF19ICW1	Preload C	20170801

N6247016	JM01		MERIDIAN	PBWKF30ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/30/201	06/30/2017			20170630	09:02:00	20170630	17:49:00	PBWKF30I	1	1			Arsenic	7440-38-2		5.0	UG_L	U			TRG									4.2	1.4	5.0	8.0	SK5275	KF30ICW2	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF30ICW3	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/30/201	06/30/2017			20170630	10:02:00	20170630	23:11:00	PBWKF30I	1	1			Arsenic	7440-38-2		5.0	UG_L	U			TRG									4.2	1.4	5.0	8.0	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF30ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/30/201	06/30/2017			20170630	09:02:00	20170630	17:49:00	PBWKF30I	1	1			Barium	7440-39-3		3.0	UG_L	U			TRG									4.2	0.23	3.0	5.0	SK5275	KF30ICW2	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF30ICW3	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/30/201	06/30/2017			20170630	10:02:00	20170630	23:11:00	PBWKF30I	1	1			Barium	7440-39-3		3.0	UG_L	U			TRG									4.2	0.23	3.0	5.0	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBT1402A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170619	08:04:00	20170619	19:14:00	PBT1402A	1	1			Barium	7440-39-3		44.5	UG_L	B			TRG									4.2	1.2	15	25	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/19/201	06/19/2017			20170619	08:03:00	20170619	18:58:00	PBWKF19I	1	1			Barium	7440-39-3		15	UG_L	U			TRG									4.2	1.2	15	25	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBT1403A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170630	10:03:00	20170630	23:19:00	PBT1403A	1	1			Barium	7440-39-3		20.8	UG_L	B			TRG									4.2	1.2	15	25	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/19/201	06/19/2017			20170619	08:03:00	20170619	18:58:00	PBWKF19I	1	1			Cadmium	7440-43-9		15	UG_L	U			TRG									4.2	0.24	15	25	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBT1403A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170630	10:03:00	20170630	23:19:00	PBT1403A	1	1			Cadmium	7440-43-9		15	UG_L	U			TRG									4.2	0.24	15	25	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF30ICW3	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/30/201	06/30/2017			20170630	10:02:00	20170630	23:11:00	PBWKF30I	1	1			Cadmium	7440-43-9		3.0	UG_L	U			TRG									4.2	0.049	3.0	5.0	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF30ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/30/201	06/30/2017			20170630	09:02:00	20170630	17:49:00	PBWKF30I	1	1			Cadmium	7440-43-9		3.0	UG_L	U			TRG									4.2	0.049	3.0	5.0	SK5275	KF30ICW2	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBT1402A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170619	08:04:00	20170619	19:14:00	PBT1402A	1	1			Cadmium	7440-43-9		0.44	UG_L	J			TRG									4.2	0.24	15	25	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBT1403A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170630	10:03:00	20170630	23:19:00	PBT1403A	1	1			Chromium	7440-47-3		20	UG_L	U			TRG									4.2	1.8	20	50	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF30ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/30/201	06/30/2017			20170630	09:02:00	20170630	17:49:00	PBWKF30I	1	1			Chromium	7440-47-3		4.0	UG_L	U			TRG									4.2	0.36	4.0	10	SK5275	KF30ICW2	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBT1402A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170619	08:04:00	20170619	19:14:00	PBT1402A	1	1			Chromium	7440-47-3		2.6	UG_L	J			TRG									4.2	1.8	20	50	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF30ICW3	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/30/201	06/30/2017			20170630	10:02:00	20170630	23:11:00	PBWKF30I	1	1			Chromium	7440-47-3		4.0	UG_L	U			TRG									4.2	0.36	4.0	10	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/19/201	06/19/2017			20170619	08:03:00	20170619	18:58:00	PBWKF19I	1	1			Chromium	7440-47-3		20	UG_L	U			TRG									4.2	1.8	20	50	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBT1402A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170619	08:04:00	20170619	19:14:00	PBT1402A	1	1			Lead	7439-92-1		20	UG_L	U			TRG									4.2	5.4	20	25	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF30ICW3	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/30/201	06/30/2017			20170630	10:02:00	20170630	23:11:00	PBWKF30I	1	1			Lead	7439-92-1		4.0	UG_L	U			TRG									4.2	1.1	4.0	5.0	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBT1403A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170630	10:03:00	20170630	23:19:00	PBT1403A	1	1			Lead	7439-92-1		5.5	UG_L	J			TRG									4.2	5.4	20	25	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF30ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/30/201	06/30/2017			20170630	09:02:00	20170630	17:49:00	PBWKF30I	1	1			Lead	7439-92-1		4.0	UG_L	U			TRG									4.2	1.1	4.0	5.0	SK5275	KF30ICW2	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/19/201	06/19/2017			20170619	08:03:00	20170619	18:58:00	PBWKF19I	1	1			Lead	7439-92-1		20	UG_L	U			TRG									4.2	5.4	20	25	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBT1403A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170630	10:03:00	20170630	23:19:00	PBT1403A	1	1			Selenium	7782-49-2		35	UG_L	U			TRG									4.2	12	35	50	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF30ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/30/201	06/30/2017			20170630	09:02:00	20170630	17:49:00	PBWKF30I	1	1			Selenium	7782-49-2		7.0	UG_L	U			TRG									4.2	2.4	7.0	10	SK5275	KF30ICW2	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/19/201	06/19/2017			20170619	08:03:00	20170619	18:58:00	PBWKF19I	1	1			Selenium	7782-49-2		35	UG_L	U			TRG									4.2	12	35	50	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBT1402A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170619	08:04:00	20170619	19:14:00	PBT1402A	1	1			Selenium	7782-49-2		35	UG_L	U			TRG									4.2	12	35	50	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF30ICW3	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/30/201	06/30/2017			20170630	10:02:00	20170630	23:11:00	PBWKF30I	1	1			Selenium	7782-49-2		7.0	UG_L	U			TRG									4.2	2.4	7.0	10	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBT1402A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170619	08:04:00	20170619	19:14:00	PBT1402A	1	1			Silver	7440-22-4		20	UG_L	U			TRG									4.2	1.3	20	50	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF30ICW3	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/30/201	06/30/2017			20170630	10:02:00	20170630	23:11:00	PBWKF30I	1	1			Silver	7440-22-4		4.0	UG_L	U			TRG									4.2	0.27	4.0	10	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/19/201	06/19/2017			20170619	08:03:00	20170619	18:58:00	PBWKF19I	1	1			Silver	7440-22-4		20	UG_L	U			TRG									4.2	1.3	20	50	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBT1403A	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170630	10:03:00	20170630	23:19:00	PBT1403A	1	1			Silver	7440-22-4		20	UG_L	U			TRG									4.2	1.3	20	50	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF30ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BLK	W	4	06/30/201	06/30/2017			20170630	09:02:00	20170630	17:49:00	PBWKF30I	1	1			Silver	7440-22-4		4.0	UG_L	U			TRG									4.2	0.27	4.0	10	SK5275	KF30ICW2	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF30ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/30/201	06/30/2017			20170630	09:01:00	20170630	17:53:00	LCSWKF30	1	1			Arsenic	7440-38-2		103	UG_L				TRG		LSA	120	80	20091101			4.2	1.4	5.0	8.0	SK5275	KF30ICW2	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF30ICW3	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/30/201	06/30/2017			20170630	10:01:00	20170630	23:15:00	LCSWKF30	1	1			Arsenic	7440-38-2		104	UG_L				TRG		LSA	120	80	20091101			4.2	1.4	5.0	8.0	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/19/201	06/19/2017			20170619	08:02:00	20170619	19:02:00	LCSWKF19	1	1			Arsenic	7440-38-2		112	UG_L				TRG		LSA	120	80	20091101			4.2	1.4	5.0	8.0	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/19/201	06/19/2017			20170619	08:02:00	20170619	19:02:00	LCSWKF19	1	1			Barium	7440-39-3		2010	UG_L				TRG		LSA	120	80	20091101			4.2	0.23	3.0	5.0	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF30ICW3	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/30/201	06/30/2017			20170630	10:01:00	20170630	23:15:00	LCSWKF30	1	1			Barium	7440-39-3		1990	UG_L				TRG		LSA	120	80	20091101			4.2	0.23	3.0	5.0	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF30ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/30/201	06/30/2017			20170630	09:01:00	20170630	17:53:00	LCSWKF30	1	1			Barium	7440-39-3		2130	UG_L				TRG		LSA	120	80	20091101			4.2	0.23	3.0	5.0	SK5275	KF30ICW2	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF30ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/30/201	06/30/2017			20170630	09:01:00	20170630	17:53:00	LCSWKF30	1	1			Cadmium	7440-43-9		258	UG_L				TRG		LSA	120	80	20091101			4.2	0.049	3.0	5.0	SK5275	KF30ICW2	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF30ICW3	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/30/201	06/30/2017			20170630	10:01:00	20170630	23:15:00	LCSWKF30	1	1			Cadmium	7440-43-9		266	UG_L				TRG		LSA	120	80	20091101			4.2	0.049	3.0	5.0	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/19/201	06/19/2017			20170619	08:02:00	20170619	19:02:00	LCSWKF19	1	1			Cadmium	7440-43-9		266	UG_L				TRG		LSA	120	80	20091101			4.2	0.049	3.0	5.0	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/19/201	06/19/2017			20170619	08:02:00	20170619	19:02:00	LCSWKF19	1	1			Chromium	7440-47-3		200	UG_L				TRG		LSA	120	80	20091101			4.2	0.36	4.0	10	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF30ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/30/201	06/30/2017			20170630	09:01:00	20170630	17:53:00	LCSWKF30	1	1			Chromium	7440-47-3		208	UG_L				TRG		LSA	120	80	20091101			4.2	0.36	4.0	10	SK5275	KF30ICW2	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF30ICW3	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/30/201	06/30/2017			20170630	10:01:00	20170630	23:15:00	LCSWKF30	1	1			Chromium	7440-47-3		209	UG_L				TRG		LSA	120	80	20091101			4.2	0.36	4.0	10	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/19/201	06/19/2017			20170619	08:02:00	20170619	19:02:00	LCSWKF19	1	1			Lead	7439-92-1		111	UG_L				TRG		LSA	120	80	20091101			4.2	1.1	4.0	5.0	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF30ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/30/201	06/30/2017			20170630	09:01:00	20170630	17:53:00	LCSWKF30	1	1			Lead	7439-92-1		105	UG_L				TRG		LSA	120	80	20091101			4.2	1.1	4.0	5.0	SK5275	KF30ICW2	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF30ICW3	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/30/201	06/30/2017			20170630	10:01:00	20170630	23:15:00	LCSWKF30	1	1			Lead	7439-92-1		108	UG_L				TRG		LSA	120	80	20091101			4.2	1.1	4.0	5.0	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF30ICW3	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/30/201	06/30/2017			20170630	10:01:00	20170630	23:15:00	LCSWKF30	1	1			Selenium	7782-49-2		105	UG_L				TRG		LSA	120	80	20091101			4.2	2.4	7.0	10	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/19/201	06/19/2017			20170619	08:02:00	20170619	19:02:00	LCSWKF19	1	1			Selenium	7782-49-2		119	UG_L				TRG		LSA	120	80	20091101			4.2	2.4	7.0	10	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF30ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/30/201	06/30/2017			20170630	09:01:00	20170630	17:53:00	LCSWKF30	1	1			Selenium	7782-49-2		101	UG_L				TRG		LSA	120	80	20091101			4.2	2.4	7.0	10	SK5275	KF30ICW2	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/19/201	06/19/2017			20170619	08:02:00	20170619	19:02:00	LCSWKF19	1	1			Silver	7440-22-4		49.5	UG_L				TRG		LSA	120	80	20091101			4.2	0.27	4.0	10	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF30ICW2	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/30/201	06/30/2017			20170630	09:01:00	20170630	17:53:00	LCSWKF30	1	1			Silver	7440-22-4		49.0	UG_L				TRG		LSA	120	80	20091101			4.2	0.27	4.0	10	SK5275	KF30ICW2	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF30ICW3	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BS	W	4	06/30/201	06/30/2017			20170630	10:01:00	20170630	23:15:00	LCSWKF30	1	1			Silver	7440-22-4		50.0	UG_L				TRG		LSA	120	80	20091101			4.2	0.27	4.0	10	SK5275	KF30ICW3	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LC2WKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BSD	W	4	06/19/201	06/19/2017			20170619	08:01:00	20170619	19:06:00	LC2WKF19	1	1			Arsenic	7440-38-2		111	UG_L				TRG		LSA	120	80	20091101			4.2	1.4	5.0	8.0	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LC2WKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BSD	W	4	06/19/201	06/19/2017			20170619	08:01:00	20170619	19:06:00	LC2WKF19	1	1			Barium	7440-39-3		1970	UG_L				TRG		LSA	120	80	20091101			4.2	0.23	3.0	5.0	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LC2WKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BSD	W	4	06/19/201	06/19/2017			20170619	08:01:00	20170619	19:06:00	LC2WKF19	1	1			Cadmium	7440-43-9		263	UG_L				TRG		LSA	120	80	20091101			4.2	0.049	3.0	5.0	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LC2WKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BSD	W	4	06/19/201	06/19/2017			20170619	08:01:00	20170619	19:06:00	LC2WKF19	1	1			Chromium	7440-47-3		199	UG_L				TRG		LSA	120	80	20091101			4.2	0.36	4.0	10	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LC2WKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BSD	W	4	06/19/201	06/19/2017			20170619	08:01:00	20170619	19:06:00	LC2WKF19	1	1			Lead	7439-92-1		109	UG_L				TRG		LSA	120	80	20091101			4.2	1.1	4.0	5.0	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LC2WKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BSD	W	4	06/19/201	06/19/2017			20170619	08:01:00	20170619	19:06:00	LC2WKF19	1	1			Selenium	7782-49-2		118	UG_L				TRG		LSA	120	80	20091101			4.2	2.4	7.0	10	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LC2WKF19ICW1	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN ANALYTIC		NA	SW3010A	000	BSD	W	4	06/19/201	06/19/2017			20170619	08:01:00	20170619	19:06:00	LC2WKF19	1	1			Silver	7440-22-4		48.8	UG_L				TRG		LSA	120	80	20091101			4.2	0.27	4.0	10	SK5275	KF19ICW1	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF27HGW1	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN ANALYTIC		NA	METHOD	000	BLK	W	4	06/27/201	06/27/2017			20170627	08:02:00	20170627	15:59:00	PBWKF27H	1	1			Mercury	7439-97-6		0.10	UG_L	U			TRG									4.2	0.013	0.10	0.20	SK5275	KF27HGW	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF21HGW2	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN ANALYTIC		NA	METHOD	000	BLK	W	4	06/21/201	06/21/2017			20170621	09:03:00	20170621	14:34:00	PBWKF21H	1	1			Mercury	7439-97-6		0.10	UG_L	U			TRG									4.2	0.013	0.10	0.20	SK5275	KF21HGW	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBT1403A	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN	SW1311	NA	METHOD	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170627	08:03:00	20170627	17:11:00	PBT1403A	1	1			Mercury	7439-97-6		0.10	UG_L	U			TRG									4.2	0.013	0.10	0.20	SK5275	KF27HGW	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBWKF28HGW2	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN ANALYTIC		NA	METHOD	000	BLK	W	4	06/28/201	06/28/2017			20170628	09:03:00	20170630	12:41:00	PBWKF28H	1	1			Mercury	7439-97-6		0.10	UG_L	U			TRG									4.2	0.013	0.10	0.20	SK5275	KF28HGW	Preload Ch	20170801
N6247016	JM01		MERIDIAN	PBT1402A	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN	SW1311	NA	METHOD	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	09:04:00	20170621	14:43:00	PBT1402A	1	1			Mercury	7439-97-6		0.10	UG_L	U			TRG									4.2	0.013	0.10	0.20	SK5275	KF21HGW	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF27HGW1	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN ANALYTIC		NA	METHOD	000	BS	W	4	06/27/201	06/27/2017			20170627	08:01:00	20170627	16:01:00	LCSWKF27	1	1			Mercury	7439-97-6		5.11	UG_L				TRG		LSA	120	80	20091101			4.2	0.013	0.10	0.20	SK5275	KF27HGW	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF28HGW2	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN ANALYTIC		NA	METHOD	000	BS	W	4	06/28/201	06/28/2017			20170628	09:02:00	20170630	12:43:00	LCSWKF28	1	1			Mercury	7439-97-6		4.90	UG_L				TRG		LSA	120	80	20091101			4.2	0.013	0.10	0.20	SK5275	KF28HGW	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LCSWKF21HGW2	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN ANALYTIC		NA	METHOD	000	BS	W	4	06/21/201	06/21/2017			20170621	09:02:00	20170621	14:37:00	LCSWKF21	1	1			Mercury	7439-97-6		4.93	UG_L				TRG		LSA	120	80	20091101			4.2	0.013	0.10	0.20	SK5275	KF21HGW	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LC2WKF21HGW2	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN ANALYTIC		NA	METHOD	000	BSD	W	4	06/21/201	06/21/2017			20170621	09:01:00	20170621	14:39:00	LC2WKF21	1	1			Mercury	7439-97-6		5.00	UG_L				TRG		LSA	120	80	20091101			4.2	0.013	0.10	0.20	SK5275	KF21HGW	Preload Ch	20170801
N6247016	JM01		MERIDIAN	LC2WKF28HGW2	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN ANALYTIC		NA	METHOD	000	BSD	W	4	06/28/201	06/28/2017			20170628	09:01:00	20170630	12:45:00	LC2WKF28	1	1			Mercury	7439-97-6		5.12	UG_L				TRG		LSA	120	80	20091101			4.2	0.013	0.10	0.20	SK5275	KF28HGW	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			Pyridine	110-86-1		38	UG_L	U			TRG									4.2	1.5	38.	50.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			1,4-Dichlorobenzene	106-46-7		7.5	UG_L	U			TRG									4.2	2.2	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			2-Methylphenol	95-48-7		7.5	UG_L	U			TRG									4.2	3.8	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			3- and 4-Methylphenol	m&pCRESOL		7.5	UG_L	U			TRG									4.2	5.6	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			Hexachloroethane	67-72-1		7.5	UG_L	U			TRG									4.2	2.3	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			Nitrobenzene	98-95-3		7.5	UG_L	U			TRG									4.2	3.1	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			Hexachlorobutadiene	87-68-3		7.5	UG_L	U			TRG									4.2	1.8	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			2,4,6-Trichlorophenol	88-06-2		7.5	UG_L	U			TRG									4.2	2.7	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			2,4,5-Trichlorophenol	95-95-4		19	UG_L	U			TRG									4.2	3.6	19.	25.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			2,4-Dinitrotoluene	121-14-2		7.5	UG_L	U			TRG									4.2	2.2	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			Hexachlorobenzene	118-74-1		7.5	UG_L	U			TRG									4.2	2.1	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/28/201	06/28/2017			20170628	07:06:00	20170629	09:01:00	WG20816	1	1			Pentachlorophenol	87-86-5		19	UG_L	U			TRG									4.2	2.3	19.	25.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			Pyridine	110-86-1		11.6	UG_L				TRG		LSA	96	10	20091101			4.2	1.5	38.	50.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			1,4-Dichlorobenzene	106-46-7		39.4	UG_L				TRG		LSA	100	30	20091101			4.2	2.2	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			2-Methylphenol	95-48-7		51.5	UG_L				TRG		LSA	110	40	20091101			4.2	3.8	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			3- and 4-Methylphenol	m&pCRESOL		45.0	UG_L				TRG		LSA	110	30	20091101			4.2	5.6	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			Hexachloroethane	67-72-1		39.4	UG_L				TRG		LSA	100	30	20091101			4.2	2.3	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			Nitrobenzene	98-95-3		40.4	UG_L				TRG		LSA	110	45	20091101			4.2	3.1	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			Hexachlorobutadiene	87-68-3		37.9	UG_L				TRG		LSA	105	25	20091101			4.2	1.8	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			2,4,6-Trichlorophenol	88-06-2		64.4	UG_L				TRG		LSA	115	50	20091101			4.2	2.7	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			2,4,5-Trichlorophenol	95-95-4		69.8	UG_L				TRG		LSA	110	50	20091101			4.2	3.6	19.	25.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			2,4-Dinitrotoluene	121-14-2		36.7	UG_L				TRG		LSA	120	50	20091101			4.2	2.2	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			Hexachlorobenzene	118-74-1		45.6	UG_L				TRG		LSA	110	50	20091101			4.2	2.1	7.5	10.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208160-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/28/201	06/28/2017			20170628	07:07:00	20170629	10:04:00	WG20816	1	1			Pentachlorophenol	87-86-5		97.3	UG_L				TRG		LSA	115	40	20091101			4.2	2.3	19.	25.	SK5275	WG20816	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			Pyridine	110-86-1		38	UG_L	U			TRG									4.2	1.5	38.	50.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			1,4-Dichlorobenzene	106-46-7		7.5	UG_L	U			TRG									4.2	2.2	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			2-Methylphenol	95-48-7		7.5	UG_L	U			TRG									4.2	3.8	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			3- and 4-Methylphenol	m&pCRESOL		7.5	UG_L	U			TRG									4.2	5.6	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			Hexachloroethane	67-72-1		7.5	UG_L	U			TRG									4.2	2.3	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			Nitrobenzene	98-95-3		7.5	UG_L	U			TRG									4.2	3.1	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			Hexachlorobutadiene	87-68-3		7.5	UG_L	U			TRG									4.2	1.8	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			2,4,6-Trichlorophenol	88-06-2		7.5	UG_L	U			TRG									4.2	2.7	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			2,4,5-Trichlorophenol	95-95-4		19	UG_L	U			TRG									4.2	3.6	19.	25.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			2,4-Dinitrotoluene	121-14-2		7.5	UG_L	U			TRG									4.2	2.2	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			Hexachlorobenzene	118-74-1		7.5	UG_L	U			TRG									4.2	2.1	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-BLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BLK	W	4	06/30/201	06/30/2017			20170630	11:02:00	20170703	15:35:00	WG20830	1	1			Pentachlorophenol	87-86-5		19	UG_L	U			TRG									4.2	2.3	19.	25.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			Pyridine	110-86-1		14.1	UG_L				TRG		LSA	96	10	20091101			4.2	1.5	38.	50.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			1,4-Dichlorobenzene	106-46-7		39.5	UG_L				TRG		LSA	100	30	20091101			4.2	2.2	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			2-Methylphenol	95-48-7		57.3	UG_L				TRG		LSA	110	40	20091101			4.2	3.8	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			3- and 4-Methylphenol	m&pCRESOL		52.7	UG_L				TRG		LSA	110	30	20091101			4.2	5.6	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			Hexachloroethane	67-72-1		41.2	UG_L				TRG		LSA	100	30	20091101			4.2	2.3	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			Nitrobenzene	98-95-3		42.7	UG_L				TRG		LSA	110	45	20091101			4.2	3.1	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			Hexachlorobutadiene	87-68-3		37.1	UG_L				TRG		LSA	105	25	20091101			4.2	1.8	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			2,4,6-Trichlorophenol	88-06-2		73.2	UG_L				TRG		LSA	115	50	20091101			4.2	2.7	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			2,4,5-Trichlorophenol	95-95-4		72.4	UG_L				TRG		LSA	110	50	20091101			4.2	3.6	19.	25.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			2,4-Dinitrotoluene	121-14-2		40.3	UG_L				TRG		LSA	120	50	20091101			4.2	2.2	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			Hexachlorobenzene	118-74-1		48.6	UG_L				TRG		LSA	110	50	20091101			4.2	2.1	7.5	10.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208304-LCS	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN ANALYTIC		NA	SW3510C	000	BS	W	4	06/30/201	06/30/2017			20170630	11:03:00	20170703	16:07:00	WG20830	1	1			Pentachlorophenol	87-86-5		131.	UG_L	*			TRG		LSA	115	40	20091101			4.2	2.3	19.	25.	SK5275	WG20830	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG207744-TCLPBLANK	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170622	11:01:00	20170623	18:09:00	WG20774	1	1			2,4-D	94-75-7		7.0	UG_L	U			TRG									4.2	1.4	7.0	14.	SK5275	WG20774	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG207744-TCLPBLANK	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170622	11:01:00	20170623	18:09:00	WG20774	1	1			2,4,5-TP (Silvex)	93-72-1		7.1	UG_L	U			TRG									4.2	0.95	7.1	14.	SK5275	WG20774	Preload Ch	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170627	13:01:00	20170628	17:12:00	SK5275-1	1	1			2,4-D	94-75-7		7.0	UG_L	U			TRG						IDW			4.2	1.4	7.0	14.	SK5275	WG20806	Preload Ch	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170627	13:01:00	20170628	17:12:00	SK5275-1	1	1			2,4,5-TP (Silvex)	93-72-1		7.1	UG_L	U			TRG						IDW			4.2	0.95	7.1	14.	SK5275	WG20806	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208066-TCLPBLANK	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170627	13:09:00	20170628	16:49:00	WG20806	1	1			2,4-D	94-75-7		7.0	UG_L	U			TRG									4.2	1.4	7.0	14.	SK5275	WG20806	Preload Ch	20170801
N6247016	JM01		MERIDIAN	WG208066-TCLPBLANK	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170627	13:09:00	20170628	16:49:00	WG20806	1	1			2,4,5-TP (Silvex)	93-72-1		7.1	UG_L	U			TRG									4.2	0.95	7.1	14.	SK5275	WG20806	Preload Ch	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	13:02:00	20170628	17:36:00	SK5275-2	1	1			2,4-D	94-75-7		7.0	UG_L	U			TRG						IDW			4.2	1.4	7.0	14.	SK5275	WG20806	Preload Ch	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	13:02:00	20170628	17:36:00	SK5275-2	1	1			2,4,5-TP (Silvex)	93-72-1		7.1	UG_L	U			TRG						IDW			4.2	0.95	7.1	14.	SK5275	WG20806	Preload Ch	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	13:03:00	20170628	18:00:00	SK5275-3	1	1			2,4-D	94-75-7		7.0	UG_L	U			TRG						IDW			4.2	1.4	7.0	14.	SK5275	WG20806	Preload Ch	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	13:03:00	20170628	18:00:00	SK5275-3	1	1			2,4,5-TP (Silvex)	93-72-1		7.1	UG_L	U			TRG						IDW			4.2	0.95	7.1	14.	SK5275	WG20806	Preload Ch	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	13:04:00	20170628	18:23:00	SK5275-4	1	1			2,4-D	94-75-7		7.0	UG_L	U			TRG						IDW			4.2	1.4	7.0	14.	SK5275	WG20806	Preload Ch	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	13:04:00	20170628	18:23:00	SK5275-4	1	1			2,4,5-TP (Silvex)	93-72-1		7.1	UG_L	U			TRG						IDW			4.2	0.95	7.1	14.	SK5275	WG20806	Preload Ch	20170801

N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	13:05:00	20170628	18:47:00	SK5275-5	1	1			2,4-D	94-75-7		7.0	UG_L	U			TRG						IDW			4.2	1.4	7.0	14.	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	13:05:00	20170628	18:47:00	SK5275-5	1	1			2,4,5-TP (Silvex)	93-72-1		7.1	UG_L	U			TRG						IDW			4.2	0.95	7.1	14.	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	13:06:00	20170628	19:11:00	SK5275-6	1	1			2,4-D	94-75-7		7.0	UG_L	U			TRG						IDW			4.2	1.4	7.0	14.	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPH	1311-8151	HERB	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170627	13:06:00	20170628	19:11:00	SK5275-6	1	1			2,4,5-TP (Silvex)	93-72-1		7.1	UG_L	U			TRG						IDW			4.2	0.95	7.1	14.	SK5275	WG20806	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170630	09:03:00	20170630	17:57:00	SK5275-00	1	1			Lead	7439-92-1		20	UG_L	U			TRG						IDW			4.2	5.5	20	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170630	09:03:00	20170630	17:57:00	SK5275-00	1	1			Chromium	7440-47-3		4.0	UG_L	J			TRG						IDW			4.2	1.8	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170630	09:03:00	20170630	17:57:00	SK5275-00	1	1			Cadmium	7440-43-9		15	UG_L	U			TRG						IDW			4.2	0.25	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170630	09:03:00	20170630	17:57:00	SK5275-00	1	1			Arsenic	7440-38-2		25	UG_L	U			TRG						IDW			4.2	7.0	25	40	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170630	09:03:00	20170630	17:57:00	SK5275-00	1	1			Silver	7440-22-4		20	UG_L	U			TRG						IDW			4.2	1.4	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170630	09:03:00	20170630	17:57:00	SK5275-00	1	1			Selenium	7782-49-2		35	UG_L	U			TRG						IDW			4.2	12	35	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170630	09:03:00	20170630	17:57:00	SK5275-00	1	1			Barium	7440-39-3		55.8	UG_L				TRG						IDW			4.2	1.2	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:04:00	20170630	18:01:00	SK5275-00	1	1			Barium	7440-39-3		108	UG_L				TRG						IDW			4.2	1.2	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:04:00	20170630	18:01:00	SK5275-00	1	1			Cadmium	7440-43-9		15	UG_L	U			TRG						IDW			4.2	0.25	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:04:00	20170630	18:01:00	SK5275-00	1	1			Chromium	7440-47-3		2.3	UG_L	J			TRG						IDW			4.2	1.8	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:04:00	20170630	18:01:00	SK5275-00	1	1			Arsenic	7440-38-2		25	UG_L	U			TRG						IDW			4.2	7.0	25	40	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:04:00	20170630	18:01:00	SK5275-00	1	1			Silver	7440-22-4		20	UG_L	U			TRG						IDW			4.2	1.4	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:04:00	20170630	18:01:00	SK5275-00	1	1			Selenium	7782-49-2		35	UG_L	U			TRG						IDW			4.2	12	35	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:04:00	20170630	18:01:00	SK5275-00	1	1			Lead	7439-92-1		20	UG_L	U			TRG						IDW			4.2	5.5	20	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:05:00	20170630	18:06:00	SK5275-00	1	1			Silver	7440-22-4		20	UG_L	U			TRG						IDW			4.2	1.4	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:05:00	20170630	18:06:00	SK5275-00	1	1			Barium	7440-39-3		314	UG_L				TRG						IDW			4.2	1.2	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:05:00	20170630	18:06:00	SK5275-00	1	1			Arsenic	7440-38-2		25	UG_L	U			TRG						IDW			4.2	7.0	25	40	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:05:00	20170630	18:06:00	SK5275-00	1	1			Chromium	7440-47-3		20	UG_L	U			TRG						IDW			4.2	1.8	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:05:00	20170630	18:06:00	SK5275-00	1	1			Selenium	7782-49-2		35	UG_L	U			TRG						IDW			4.2	12	35	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:05:00	20170630	18:06:00	SK5275-00	1	1			Cadmium	7440-43-9		15	UG_L	U			TRG						IDW			4.2	0.25	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:05:00	20170630	18:06:00	SK5275-00	1	1			Lead	7439-92-1		5.7	UG_L	J			TRG						IDW			4.2	5.5	20	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:06:00	20170630	18:11:00	SK5275-00	1	1			Arsenic	7440-38-2		7.0	UG_L	J			TRG						IDW			4.2	7.0	25	40	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:06:00	20170630	18:11:00	SK5275-00	1	1			Selenium	7782-49-2		35	UG_L	U			TRG						IDW			4.2	12	35	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:06:00	20170630	18:11:00	SK5275-00	1	1			Barium	7440-39-3		684	UG_L				TRG						IDW			4.2	1.2	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:06:00	20170630	18:11:00	SK5275-00	1	1			Cadmium	7440-43-9		15	UG_L	U			TRG						IDW			4.2	0.25	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:06:00	20170630	18:11:00	SK5275-00	1	1			Lead	7439-92-1		20	UG_L	U			TRG						IDW			4.2	5.5	20	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:06:00	20170630	18:11:00	SK5275-00	1	1			Silver	7440-22-4		20	UG_L	U			TRG						IDW			4.2	1.4	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:06:00	20170630	18:11:00	SK5275-00	1	1			Chromium	7440-47-3		2.4	UG_L	J			TRG						IDW			4.2	1.8	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:07:00	20170630	18:16:00	SK5275-00	1	1			Cadmium	7440-43-9		15	UG_L	U			TRG						IDW			4.2	0.25	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:07:00	20170630	18:16:00	SK5275-00	1	1			Barium	7440-39-3		186	UG_L				TRG						IDW			4.2	1.2	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:07:00	20170630	18:16:00	SK5275-00	1	1			Arsenic	7440-38-2		25	UG_L	U			TRG						IDW			4.2	7.0	25	40	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:07:00	20170630	18:16:00	SK5275-00	1	1			Chromium	7440-47-3		2.7	UG_L	J			TRG						IDW			4.2	1.8	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:07:00	20170630	18:16:00	SK5275-00	1	1			Lead	7439-92-1		11	UG_L	J			TRG						IDW			4.2	5.5	20	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:07:00	20170630	18:16:00	SK5275-00	1	1			Selenium	7782-49-2		35	UG_L	U			TRG						IDW			4.2	12	35	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:07:00	20170630	18:16:00	SK5275-00	1	1			Silver	7440-22-4		20	UG_L	U			TRG						IDW			4.2	1.4	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-MS	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	MS	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:10:00	20170630	18:43:00	SK5275-00	1	1			Arsenic	7440-38-2		206	UG_L				TRG		MSA	120	80	20091101				4.2	7.1	25	40	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-MS	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	MS	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:10:00	20170630	18:43:00	SK5275-00	1	1			Cadmium	7440-43-9		514	UG_L				TRG		MSA	120	80	20091101				4.2	0.24	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-MS	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	MS	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:10:00	20170630	18:43:00	SK5275-00	1	1			Chromium	7440-47-3		420	UG_L				TRG		MSA	120	80	20091101				4.2	1.8	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-MS	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	MS	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:10:00	20170630	18:43:00	SK5275-00	1	1			Lead	7439-92-1		296	UG_L				TRG		MSA	120	80	20091101				4.2	5.4	20	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-MS	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	MS	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:10:00	20170630	18:43:00	SK5275-00	1	1			Selenium	7782-49-2		209	UG_L				TRG		MSA	120	80	20091101				4.2	12	35	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-MS	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	MS	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:10:00	20170630	18:43:00	SK5275-00	1	1			Barium	7440-39-3		4200	UG_L				TRG		MSA	120	80	20091101				4.2	1.2	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-MS	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	MS	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:10:00	20170630	18:43:00	SK5275-00	1	1			Silver	7440-22-4		70.8	UG_L				TRG		MSA	120	80	20091101				4.2	1.3	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-SD	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	MSD	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:09:00	20170630	18:48:00	SK5275-00	1	1			Silver	7440-22-4		59.2	UG_L				TRG		MSA	120	80	20091101				4.2	1.3	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-SD	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	MSD	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:09:00	20170630	18:48:00	SK5275-00	1	1			Arsenic	7440-38-2		190	UG_L				TRG		MSA	120	80	20091101				4.2	7.1	25	40	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-SD	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	MSD	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:09:00	20170630	18:48:00	SK5275-00	1	1			Barium	7440-39-3		4160	UG_L				TRG		MSA	120	80	20091101				4.2	1.2	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-SD	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	MSD	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:09:00	20170630	18:48:00	SK5275-00	1	1			Cadmium	7440-43-9		476	UG_L				TRG		MSA	120	80	20091101				4.2	0.24	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-SD	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	MSD	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:09:00	20170630	18:48:00	SK5275-00	1	1			Chromium	7440-47-3		393	UG_L				TRG		MSA	120	80	20091101				4.2	1.8	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-SD	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	MSD	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:09:00	20170630	18:48:00	SK5275-00	1	1			Lead	7439-92-1		276	UG_L				TRG		MSA	120	80	20091101				4.2	5.4	20	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-SD	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	MSD	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:09:00	20170630	18:48:00	SK5275-00	1	1			Selenium	7782-49-2		182	UG_L				TRG		MSA	120	80	20091101				4.2	12	35	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:08:00	20170630	18:21:00	SK5275-00	1	1			Barium	7440-39-3		107	UG_L				TRG						IDW			4.2	1.2	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:08:00	20170630	18:21:00	SK5275-00	1	1			Silver	7440-22-4		20	UG_L	UN			TRG						IDW			4.2	1.4	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:08:00	20170630	18:21:00	SK5275-00	1	1			Selenium	7782-49-2		35	UG_L	U			TRG						IDW			4.2	12	35	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:08:00	20170630	18:21:00	SK5275-00	1	1			Lead	7439-92-1		81.0	UG_L				TRG						IDW			4.2	5.5	20	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:08:00	20170630	18:21:00	SK5275-00	1	1			Cadmium	7440-43-9		15	UG_L	U			TRG						IDW			4.2	0.25	15	25	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:08:00	20170630	18:21:00	SK5275-00	1	1			Arsenic	7440-38-2		25	UG_L	U			TRG						IDW			4.2	7.0	25	40	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPM	1311-6010	MET	KAS	KATAHDIN	SW1311	NA	SW3010A	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	09:08:00	20170630	18:21:00	SK5275-00	1	1			Chromium	7440-47-3		1.9	UG_L	JA			TRG						IDW			4.2	1.8	20	50	SK5275	KF30ICW2	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN	SW1311	NA	METHOD	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	09:04:00	20170630	12:51:00	SK5275-00	1	1			Mercury	7439-97-6		0.10	UG_L	U			TRG						IDW			4.2	0.013	0.10	0.20	SK5275	KF28HGW	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN	SW1311	NA	METHOD	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	09:05:00	20170630	12:53:00	SK5275-00	1	1			Mercury	7439-97-6		0.10	UG_L	U			TRG						IDW			4.2	0.013	0.10	0.20	SK5275	KF28HGW	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN	SW1311	NA	METHOD	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	09:06:00	20170630	12:55:00	SK5275-00	1	1			Mercury	7439-97-6		0.10	UG_L	U			TRG						IDW			4.2	0.013	0.10	0.20	SK5275	KF28HGW	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN	SW1311	NA	METHOD	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	09:07:00	20170630	12:58:00	SK5275-00	1	1			Mercury	7439-97-6		0.10	UG_L	U			TRG						IDW			4.2	0.013	0.10	0.20	SK5275	KF28HGW	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN	SW1311	NA	METHOD	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	09:08:00	20170630	13:01:00	SK5275-00	1	1			Mercury	7439-97-6		0.10	UG_L	U			TRG						IDW			4.2	0.013	0.10	0.20	SK5275	KF28HGW	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-MS	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN	SW1311	NA	METHOD	000	MS	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	09:11:00	20170630	13:09:00	SK5275-00	1	1			Mercury	7439-97-6		2.30	UG_L				TRG		MSA	120	80	20091101				4.2	0.013	0.10	0.20	SK5275	KF28HGW	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617-SD	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN	SW1311	NA	METHOD	000	MSD	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	09:10:00	20170630	13:11:00	SK5275-00	1	1			Mercury	7439-97-6		2.17	UG_L				TRG		MSA	120	80	20091101				4.2	0.013	0.10	0.20	SK5275	KF28HGW	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPM	1311-7470	MET	KAS	KATAHDIN	SW1311	NA	METHOD	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	09:09:00	20170630	13:03:00	SK5275-00	1	1			Mercury	7439-97-6		0.10	UG_L	U			TRG						IDW			4.2	0.013	0.10	0.20	SK5275	KF28HGW	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			Pyridine	110-86-1		190	UG_L	U			TRG									4.2	7.5	190	250	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			1,4-Dichlorobenzene	106-46-7		38	UG_L	U			TRG									4.2	11.	38.	50.	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			2-Methylphenol	95-48-7		38	UG_L	U			TRG									4.2	19.	38.	50.	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			3- and 4-Methylphenol	m&pCRESOL		38	UG_L	U			TRG									4.2	28.	38.	50.	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			Hexachloroethane	67-72-1		38	UG_L	U			TRG									4.2	12.	38.	50.	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			Nitrobenzene	98-95-3		38	UG_L	U			TRG									4.2	16.	38.	50.	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			Hexachlorobutadiene	87-68-3		38	UG_L	U			TRG									4.2	9.0	38.	50.	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			2,4,6-Trichlorophenol	88-06-2		38	UG_L	U			TRG									4.2	14.	38.	50.	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			2,4,5-Trichlorophenol	95-95-4		94	UG_L	U			TRG									4.2	18.	94.	120	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			2,4-Dinitrotoluene	121-14-2		38	UG_L	U			TRG									4.2	11.	38.	50.	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			Hexachlorobenzene	118-74-1		38	UG_L	U			TRG									4.2	10.	38.	50.	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207667-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/06/201	06/06/201	20170606	07:52:00	20170621	14:01:00	20170621	19:25:00	WG20766	1	1			Pentachlorophenol	87-86-5		94	UG_L	U			TRG									4.2	12.	94.	120	SK5275	WG20766	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			Pyridine	110-86-1		190	UG_L	U			TRG						IDW			4.2	7.5	190	250	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			1,4-Dichlorobenzene	106-46-7		38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			2-Methylphenol	95-48-7		38	UG_L	U			TRG						IDW			4.2	19.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			3- and 4-Methylphenol	m&pCRESOL		38	UG_L	U			TRG						IDW			4.2	28.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			Hexachloroethane	67-72-1		38	UG_L	U			TRG						IDW			4.2	12.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			Nitrobenzene	98-95-3		38	UG_L	U			TRG						IDW			4.2	16.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			Hexachlorobutadiene	87-68-3		38	UG_L	U			TRG						IDW			4.2	9.0	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			2,4,6-Trichlorophenol	88-06-2		38	UG_L	U			TRG						IDW			4.2	14.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			2,4,5-Trichlorophenol	95-95-4		94	UG_L	U			TRG						IDW			4.2	18.	94.	120	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			2,4-Dinitrotoluene	121-14-2		38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			Hexachlorobenzene	118-74-1		38	UG_L	U			TRG						IDW			4.2	10.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170623	14:20:00	20170628	07:01:00	20170629	12:42:00	SK5275-1	1	1			Pentachlorophenol	87-86-5		94	UG_L	U			TRG						IDW			4.2	12.	94.	120	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			Pyridine	110-86-1		190	UG_L	U			TRG									4.2	7.5	190	250	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			1,4-Dichlorobenzene	106-46-7		38	UG_L	U			TRG									4.2	11.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			2-Methylphenol	95-48-7		38	UG_L	U			TRG									4.2	19.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			3- and 4-Methylphenol	m&pCRESOL		38	UG_L	U			TRG									4.2	28.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			Hexachloroethane	67-72-1		38	UG_L	U			TRG									4.2	12.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			Nitrobenzene	98-95-3		38	UG_L	U			TRG									4.2	16.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			Hexachlorobutadiene	87-68-3		38	UG_L	U			TRG									4.2	9.0	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			2,4,6-Trichlorophenol	88-06-2		38	UG_L	U			TRG									4.2	14.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			2,4,5-Trichlorophenol	95-95-4		94	UG_L	U			TRG									4.2	18.	94.	120	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			2,4-Dinitrotoluene	121-14-2		38	UG_L	U			TRG									4.2	11.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			Hexachlorobenzene	118-74-1		38	UG_L	U			TRG									4.2	10.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208160-TCLPBLANK	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	BLK	W	4	06/27/201	06/27/201	20170627	08:56:00	20170628	07:08:00	20170629	09:33:00	WG20816	1	1			Pentachlorophenol	87-86-5		94	UG_L	U			TRG									4.2	12.	94.	120	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			Pyridine	110-86-1		190	UG_L	U			TRG						IDW			4.2	7.5	190	250	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			1,4-Dichlorobenzene	106-46-7		38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			2-Methylphenol	95-48-7		38	UG_L	U			TRG						IDW			4.2	19.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			3- and 4-Methylphenol	m&pCRESOL		38	UG_L	U			TRG						IDW			4.2	28.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			Hexachloroethane	67-72-1		38	UG_L	U			TRG						IDW			4.2	12.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			Nitrobenzene	98-95-3		38	UG_L	U			TRG						IDW			4.2	16.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			Hexachlorobutadiene	87-68-3		38	UG_L	U			TRG						IDW			4.2	9.0	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			2,4,6-Trichlorophenol	88-06-2		38	UG_L	U			TRG						IDW			4.2	14.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			2,4,5-Trichlorophenol	95-95-4		94	UG_L	U			TRG						IDW			4.2	18.	94.	120	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			2,4-Dinitrotoluene	121-14-2		38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			Hexachlorobenzene	118-74-1		38	UG_L	U			TRG						IDW			4.2	10.	38.	50.	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:02:00	20170629	13:13:00	SK5275-2	1	1			Pentachlorophenol	87-86-5		94	UG_L	U			TRG						IDW			4.2	12.	94.	120	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			Pyridine	110-86-1		190	UG_L	U			TRG						IDW			4.2	7.5	190	250	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			1,4-Dichlorobenzene	106-46-7		38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			2-Methylphenol	95-48-7		38	UG_L	U			TRG						IDW			4.2	19.	38.	50.	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			3- and 4-Methylphenol	m&pCRESOL		38	UG_L	U			TRG						IDW			4.2	28.	38.	50.	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			Hexachloroethane	67-72-1		38	UG_L	U			TRG						IDW			4.2	12.	38.	50.	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			Nitrobenzene	98-95-3		38	UG_L	U			TRG						IDW			4.2	16.	38.	50.	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			Hexachlorobutadiene	87-68-3		38	UG_L	U			TRG						IDW			4.2	9.0	38.	50.	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			2,4,6-Trichlorophenol	88-06-2		38	UG_L	U			TRG						IDW			4.2	14.	38.	50.	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			2,4,5-Trichlorophenol	95-95-4		94	UG_L	U			TRG						IDW			4.2	18.	94.	120	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			2,4-Dinitrotoluene	121-14-2		38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			Hexachlorobenzene	118-74-1		38	UG_L	U			TRG						IDW			4.2	10.	38.	50.	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170630	11:01:00	20170630	19:51:00	SK5275-3R	1	1			Pentachlorophenol	87-86-5		94	UG_L	UL			TRG						IDW			4.2	12.	94.	120	SK5275	WG20830	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			Pyridine	110-86-1		190	UG_L	U			TRG						IDW			4.2	7.5	190	250	SK5275	WG20816	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			1,4-Dichlorobenzene	106-46-7		38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK5275	WG20816	Preload Cl	20170801

N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			2-Methylphenol	95-48-7		38	UG_L	U			TRG						IDW			4.2	19.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			3- and 4-Methylphenol	m&pCRESOL		38	UG_L	U			TRG						IDW			4.2	28.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			Hexachloroethane	67-72-1		38	UG_L	U			TRG						IDW			4.2	12.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			Nitrobenzene	98-95-3		38	UG_L	U			TRG						IDW			4.2	16.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			Hexachlorobutadiene	87-68-3		38	UG_L	U			TRG						IDW			4.2	9.0	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			2,4,6-Trichlorophenol	88-06-2		38	UG_L	U			TRG						IDW			4.2	14.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			2,4,5-Trichlorophenol	95-95-4		94	UG_L	U			TRG						IDW			4.2	18.	94.	120	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			2,4-Dinitrotoluene	121-14-2		38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			Hexachlorobenzene	118-74-1		38	UG_L	U			TRG						IDW			4.2	10.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:03:00	20170629	14:16:00	SK5275-4	1	1			Pentachlorophenol	87-86-5		94	UG_L	U			TRG						IDW			4.2	12.	94.	120	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			Pyridine	110-86-1		190	UG_L	U			TRG						IDW			4.2	7.5	190	250	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			1,4-Dichlorobenzene	106-46-7		38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			2-Methylphenol	95-48-7		38	UG_L	U			TRG						IDW			4.2	19.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			3- and 4-Methylphenol	m&pCRESOL		38	UG_L	U			TRG						IDW			4.2	28.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			Hexachloroethane	67-72-1		38	UG_L	U			TRG						IDW			4.2	12.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			Nitrobenzene	98-95-3		38	UG_L	U			TRG						IDW			4.2	16.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			Hexachlorobutadiene	87-68-3		38	UG_L	U			TRG						IDW			4.2	9.0	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			2,4,6-Trichlorophenol	88-06-2		38	UG_L	U			TRG						IDW			4.2	14.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			2,4,5-Trichlorophenol	95-95-4		94	UG_L	U			TRG						IDW			4.2	18.	94.	120	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			2,4-Dinitrotoluene	121-14-2		38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			Hexachlorobenzene	118-74-1		38	UG_L	U			TRG						IDW			4.2	10.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:04:00	20170629	14:48:00	SK5275-5	1	1			Pentachlorophenol	87-86-5		94	UG_L	U			TRG						IDW			4.2	12.	94.	120	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			Pyridine	110-86-1		190	UG_L	U			TRG						IDW			4.2	7.5	190	250	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			1,4-Dichlorobenzene	106-46-7		38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			2-Methylphenol	95-48-7		38	UG_L	U			TRG						IDW			4.2	19.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			3- and 4-Methylphenol	m&pCRESOL		38	UG_L	U			TRG						IDW			4.2	28.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			Hexachloroethane	67-72-1		38	UG_L	U			TRG						IDW			4.2	12.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			Nitrobenzene	98-95-3		38	UG_L	U			TRG						IDW			4.2	16.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			Hexachlorobutadiene	87-68-3		38	UG_L	U			TRG						IDW			4.2	9.0	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			2,4,6-Trichlorophenol	88-06-2		38	UG_L	U			TRG						IDW			4.2	14.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			2,4,5-Trichlorophenol	95-95-4		94	UG_L	U			TRG						IDW			4.2	18.	94.	120	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			2,4-Dinitrotoluene	121-14-2		38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			Hexachlorobenzene	118-74-1		38	UG_L	U			TRG						IDW			4.2	10.	38.	50.	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPS	1311-8270	SVOA	KAS	KATAHDIN	SW1311	NA	SW3510C	000	REG	W	4	06/18/201	06/20/201	20170627	08:56:00	20170628	07:05:00	20170629	15:19:00	SK5275-6	1	1			Pentachlorophenol	87-86-5		94	UG_L	U			TRG						IDW			4.2	12.	94.	120	SK5275	WG20816	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170627	09:00:00	20170630	14:21:00	20170630	14:21:00	SK5275-1	20	1			Benzene	71-43-2		10	UG_L	U			TRG						IDW			4.2	5.2	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170627	09:00:00	20170630	14:21:00	20170630	14:21:00	SK5275-1	20	1			Carbon tetrachloride	56-23-5		10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170627	09:00:00	20170630	14:21:00	20170630	14:21:00	SK5275-1	20	1			Chlorobenzene	108-90-7		10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170627	09:00:00	20170630	14:21:00	20170630	14:21:00	SK5275-1	20	1			Chloroform	67-66-3		10	UG_L	U			TRG						IDW			4.2	6.4	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170627	09:00:00	20170630	14:21:00	20170630	14:21:00	SK5275-1	20	1			1,2-Dichloroethane	107-06-2		10	UG_L	U			TRG						IDW			4.2	4.0	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170627	09:00:00	20170630	14:21:00	20170630	14:21:00	SK5275-1	20	1			1,1-Dichloroethene	75-35-4		10	UG_L	U			TRG						IDW			4.2	7.0	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170627	09:00:00	20170630	14:21:00	20170630	14:21:00	SK5275-1	20	1			2-Butanone	78-93-3		50	UG_L	U			TRG						IDW			4.2	26.	50.	300	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170627	09:00:00	20170630	14:21:00	20170630	14:21:00	SK5275-1	20	1			Tetrachloroethene	127-18-4		10	UG_L	U			TRG						IDW			4.2	8.0	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170627	09:00:00	20170630	14:21:00	20170630	14:21:00	SK5275-1	20	1			Trichloroethene	79-01-6		10	UG_L	U			TRG						IDW			4.2	5.6	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170627	09:00:00	20170630	14:21:00	20170630	14:21:00	SK5275-1	20	1			Vinyl chloride	75-01-4		20	UG_L	U			TRG						IDW			4.2	5.0	20.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	14:54:00	20170630	14:54:00	SK5275-2	20	1			Benzene	71-43-2		10	UG_L	U			TRG						IDW			4.2	5.2	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	14:54:00	20170630	14:54:00	SK5275-2	20	1			Carbon tetrachloride	56-23-5		10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	14:54:00	20170630	14:54:00	SK5275-2	20	1			Chlorobenzene	108-90-7		10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	14:54:00	20170630	14:54:00	SK5275-2	20	1			Chloroform	67-66-3		10	UG_L	U			TRG						IDW			4.2	6.4	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	14:54:00	20170630	14:54:00	SK5275-2	20	1			1,2-Dichloroethane	107-06-2		10	UG_L	U			TRG						IDW			4.2	4.0	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	14:54:00	20170630	14:54:00	SK5275-2	20	1			1,1-Dichloroethene	75-35-4		10	UG_L	U			TRG						IDW			4.2	7.0	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	14:54:00	20170630	14:54:00	SK5275-2	20	1			2-Butanone	78-93-3		50	UG_L	U			TRG						IDW			4.2	26.	50.	300	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	14:54:00	20170630	14:54:00	SK5275-2	20	1			Tetrachloroethene	127-18-4		10	UG_L	U			TRG						IDW			4.2	8.0	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	14:54:00	20170630	14:54:00	SK5275-2	20	1			Trichloroethene	79-01-6		10	UG_L	U			TRG						IDW			4.2	5.6	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	14:54:00	20170630	14:54:00	SK5275-2	20	1			Vinyl chloride	75-01-4		20	UG_L	U			TRG						IDW			4.2	5.0	20.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	15:28:00	20170630	15:28:00	SK5275-3	20	1			Benzene	71-43-2		10	UG_L	U			TRG						IDW			4.2	5.2	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	15:28:00	20170630	15:28:00	SK5275-3	20	1			Carbon tetrachloride	56-23-5		10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	15:28:00	20170630	15:28:00	SK5275-3	20	1			Chlorobenzene	108-90-7		10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	15:28:00	20170630	15:28:00	SK5275-3	20	1			Chloroform	67-66-3		10	UG_L	U			TRG						IDW			4.2	6.4	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	15:28:00	20170630	15:28:00	SK5275-3	20	1			1,2-Dichloroethane	107-06-2		10	UG_L	U			TRG						IDW			4.2	4.0	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	15:28:00	20170630	15:28:00	SK5275-3	20	1			1,1-Dichloroethene	75-35-4		10	UG_L	U			TRG						IDW			4.2	7.0	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	15:28:00	20170630	15:28:00	SK5275-3	20	1			2-Butanone	78-93-3		50	UG_L	U			TRG						IDW			4.2	26.	50.	300	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	15:28:00	20170630	15:28:00	SK5275-3	20	1			Tetrachloroethene	127-18-4		10	UG_L	U			TRG						IDW			4.2	8.0	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	15:28:00	20170630	15:28:00	SK5275-3	20	1			Trichloroethene	79-01-6		10	UG_L	U			TRG						IDW			4.2	5.6	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	15:28:00	20170630	15:28:00	SK5275-3	20	1			Vinyl chloride	75-01-4		20	UG_L	U			TRG						IDW			4.2	5.0	20.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	16:01:00	20170630	16:01:00	SK5275-4	20	1			Benzene	71-43-2		10	UG_L	U			TRG						IDW			4.2	5.2	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	16:01:00	20170630	16:01:00	SK5275-4	20	1			Carbon tetrachloride	56-23-5		10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	16:01:00	20170630	16:01:00	SK5275-4	20	1			Chlorobenzene	108-90-7		10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	16:01:00	20170630	16:01:00	SK5275-4	20	1			Chloroform	67-66-3		10	UG_L	U			TRG						IDW			4.2	6.4	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	16:01:00	20170630	16:01:00	SK5275-4	20	1			1,2-Dichloroethane	107-06-2		10	UG_L	U			TRG						IDW			4.2	4.0	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	16:01:00	20170630	16:01:00	SK5275-4	20	1			1,1-Dichloroethene	75-35-4		10	UG_L	U			TRG						IDW			4.2	7.0	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	16:01:00	20170630	16:01:00	SK5275-4	20	1			2-Butanone	78-93-3		50	UG_L	U			TRG						IDW			4.2	26.	50.	300	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	16:01:00	20170630	16:01:00	SK5275-4	20	1			Tetrachloroethene	127-18-4		10	UG_L	U			TRG						IDW			4.2	8.0	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	16:01:00	20170630	16:01:00	SK5275-4	20	1			Trichloroethene	79-01-6		10	UG_L	U			TRG						IDW			4.2	5.6	10.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170630	16:01:00	20170630	16:01:00	SK5275-4	20	1			Vinyl chloride	75-01-4		20	UG_L	U			TRG						IDW			4.2	5.0	20.	100	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170705	14:21:00	20170705	14:21:00	SK5275-5	20	1			Benzene	71-43-2		10	UG_L	U			TRG						IDW			4.2	5.2	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170705	14:21:00	20170705	14:21:00	SK5275-5	20	1			Carbon tetrachloride	56-23-5		10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170705	14:21:00	20170705	14:21:00	SK5275-5	20	1			Chlorobenzene	108-90-7		10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170705	14:21:00	20170705	14:21:00	SK5275-5	20	1			Chloroform	67-66-3		10	UG_L	U			TRG						IDW			4.2	6.4	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170705	14:21:00	20170705	14:21:00	SK5275-5	20	1			1,2-Dichloroethane	107-06-2		10	UG_L	U			TRG						IDW			4.2	4.0	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170705	14:21:00	20170705	14:21:00	SK5275-5	20	1			1,1-Dichloroethene	75-35-4		10	UG_L	U			TRG						IDW			4.2	7.0	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170705	14:21:00	20170705	14:21:00	SK5275-5	20	1			2-Butanone	78-93-3		50	UG_L	U			TRG						IDW			4.2	26.	50.	300	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170705	14:21:00	20170705	14:21:00	SK5275-5	20	1			Tetrachloroethene	127-18-4		10	UG_L	U			TRG						IDW			4.2	8.0	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170705	14:21:00	20170705	14:21:00	SK5275-5	20	1			Trichloroethene	79-01-6		10	UG_L	U			TRG						IDW			4.2	5.6	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170629	07:50:00	20170705	14:21:00	20170705	14:21:00	SK5275-5	20	1			Vinyl chloride	75-01-4		20	UG_L	U			TRG						IDW			4.2	5.0	20.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170630	07:44:00	20170705	14:55:00	20170705	14:55:00	SK5275-6	20	1			Benzene	71-43-2		10	UG_L	U			TRG						IDW			4.2	5.2	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170630	07:44:00	20170705	14:55:00	20170705	14:55:00	SK5275-6	20	1			Carbon tetrachloride	56-23-5		10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170630	07:44:00	20170705	14:55:00	20170705	14:55:00	SK5275-6	20	1			Chlorobenzene	108-90-7		10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170630	07:44:00	20170705	14:55:00	20170705	14:55:00	SK5275-6	20	1			Chloroform	67-66-3		10	UG_L	U			TRG						IDW			4.2	6.4	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170630	07:44:00	20170705	14:55:00	20170705	14:55:00	SK5275-6	20	1			1,2-Dichloroethane	107-06-2		10	UG_L	U			TRG						IDW			4.2	4.0	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170630	07:44:00	20170705	14:55:00	20170705	14:55:00	SK5275-6	20	1			1,1-Dichloroethene	75-35-4		10	UG_L	U			TRG						IDW			4.2	7.0	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170630	07:44:00	20170705	14:55:00	20170705	14:55:00	SK5275-6	20	1			2-Butanone	78-93-3		50	UG_L	U			TRG						IDW			4.2	26.	50.	300	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170630	07:44:00	20170705	14:55:00	20170705	14:55:00	SK5275-6	20	1			Tetrachloroethene	127-18-4		10	UG_L	U			TRG						IDW			4.2	8.0	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170630	07:44:00	20170705	14:55:00	20170705	14:55:00	SK5275-6	20	1			Trichloroethene	79-01-6		10	UG_L	U			TRG						IDW			4.2	5.6	10.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	REG	W	4	06/18/201	06/20/201	20170630	07:44:00	20170705	14:55:00	20170705	14:55:00	SK5275-6	20	1			Vinyl chloride	75-01-4		20	UG_L	U			TRG						IDW			4.2	5.0	20.	100	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207751-TCLPBLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	06/22/201	06/22/201	20170622	07:42:00	20170622	12:55:00	20170622	12:55:00	WG20775	20	1	50.968		Benzene	71-43-2		10	UG_L	U			TRG									4.2	5.2	10.	100	SK5275	WG20775	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207751-TCLPBLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	06/22/201	06/22/201	20170622	07:42:00	20170622	12:55:00	20170622	12:55:00	WG20775	20	1	50.968		Carbon tetrachloride	56-23-5		10	UG_L	U			TRG									4.2	4.4	10.	100	SK5275	WG20775	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207751-TCLPBLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	06/22/201	06/22/201	20170622	07:42:00	20170622	12:55:00	20170622	12:55:00	WG20775	20	1	50.968		Chlorobenzene	108-90-7		10	UG_L	U			TRG									4.2	4.4	10.	100	SK5275	WG20775	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207751-TCLPBLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	06/22/201	06/22/201	20170622	07:42:00	20170622	12:55:00	20170622	12:55:00	WG20775	20	1	50.968		Chloroform	67-66-3		10	UG_L	U			TRG									4.2	6.4	10.	100	SK5275	WG20775	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207751-TCLPBLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	06/22/201	06/22/201	20170622	07:42:00	20170622	12:55:00	20170622	12:55:00	WG20775	20	1	50.968		1,2-Dichloroethane	107-06-2		10	UG_L	U			TRG									4.2	4.0	10.	100	SK5275	WG20775	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207751-TCLPBLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	06/22/201	06/22/201	20170622	07:42:00	20170622	12:55:00	20170622	12:55:00	WG20775	20	1	50.968		1,1-Dichloroethene	75-35-4		10	UG_L	U			TRG									4.2	7.0	10.	100	SK5275	WG20775	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207751-TCLPBLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	06/22/201	06/22/201	20170622	07:42:00	20170622	12:55:00	20170622	12:55:00	WG20775	20	1	50.968		2-Butanone	78-93-3		50	UG_L	U			TRG									4.2	26.	50.	300	SK5275	WG20775	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207751-TCLPBLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	06/22/201	06/22/201	20170622	07:42:00	20170622	12:55:00	20170622	12:55:00	WG20775	20	1	50.968		Tetrachloroethene	127-18-4		10	UG_L	U			TRG									4.2	8.0	10.	100	SK5275	WG20775	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207751-TCLPBLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	06/22/201	06/22/201	20170622	07:42:00	20170622	12:55:00	20170622	12:55:00	WG20775	20	1	50.968		Trichloroethene	79-01-6		10	UG_L	U			TRG									4.2	5.6	10.	100	SK5275	WG20775	Preload C	20170801
N6247016	JM01		MERIDIAN	WG207751-TCLPBLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN	SW1311	NA	SW5030	000	BLK	W	4	06/22/201	06/22/201	20170622	07:42:00	20170622	12:55:00	20170622	12:55:00	WG20775	20	1	50.968		Vinyl chloride	75-01-4		20	UG_L	U			TRG									4.2	5.0	20.	100	SK5275	WG20775	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	06/30/201	06/30/2017			20170630	12:04:00	20170630	12:04:00	WG20829	1	1			Benzene	71-43-2		0.50	UG_L	U			TRG									4.2	0.26	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	06/30/201	06/30/2017			20170630	12:04:00	20170630	12:04:00	WG20829	1	1			Carbon tetrachloride	56-23-5		0.50	UG_L	U			TRG									4.2	0.22	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	06/30/201	06/30/2017			20170630	12:04:00	20170630	12:04:00	WG20829	1	1			Chlorobenzene	108-90-7		0.50	UG_L	U			TRG									4.2	0.22	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	06/30/201	06/30/2017			20170630	12:04:00	20170630	12:04:00	WG20829	1	1			Chloroform	67-66-3		0.50	UG_L	U			TRG									4.2	0.32	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	06/30/201	06/30/2017			20170630	12:04:00	20170630	12:04:00	WG20829	1	1			1,2-Dichloroethane	107-06-2		0.50	UG_L	U			TRG									4.2	0.20	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	06/30/201	06/30/2017			20170630	12:04:00	20170630	12:04:00	WG20829	1	1			1,1-Dichloroethene	75-35-4		0.50	UG_L	U			TRG									4.2	0.35	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	06/30/201	06/30/2017			20170630	12:04:00	20170630	12:04:00	WG20829	1	1			2-Butanone	78-93-3		2.5	UG_L	U			TRG									4.2	1.3	2.5	15.	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	06/30/201	06/30/2017			20170630	12:04:00	20170630	12:04:00	WG20829	1	1			Tetrachloroethene	127-18-4		0.50	UG_L	U			TRG									4.2	0.40	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	06/30/201	06/30/2017			20170630	12:04:00	20170630	12:04:00	WG20829	1	1			Trichloroethene	79-01-6		0.50	UG_L	U			TRG									4.2	0.28	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	06/30/201	06/30/2017			20170630	12:04:00	20170630	12:04:00	WG20829	1	1			Vinyl chloride	75-01-4		1.0	UG_L	U			TRG									4.2	0.25	1.0	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	06/30/201	06/30/2017			20170630	10:41:00	20170630	10:41:00	WG20829	1	1			Benzene	71-43-2		48.1	UG_L				TRG		LSA	120	80	20091101				4.2	0.26	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	06/30/201	06/30/2017			20170630	10:41:00	20170630	10:41:00	WG20829	1	1			Carbon tetrachloride	56-23-5		48.1	UG_L				TRG		LSA	140	65	20091101				4.2	0.22	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	06/30/201	06/30/2017			20170630	10:41:00	20170630	10:41:00	WG20829	1	1			Chlorobenzene	108-90-7		49.9	UG_L				TRG		LSA	120	80	20091101				4.2	0.22	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	06/30/201	06/30/2017			20170630	10:41:00	20170630	10:41:00	WG20829	1	1			Chloroform	67-66-3		47.3	UG_L				TRG		LSA	135	65	20091101				4.2	0.32	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	06/30/201	06/30/2017			20170630	10:41:00	20170630	10:41:00	WG20829	1	1			1,2-Dichloroethane	107-06-2		51.9	UG_L				TRG		LSA	130	70	20091101				4.2	0.20	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	06/30/201	06/30/2017			20170630	10:41:00	20170630	10:41:00	WG20829	1	1			1,1-Dichloroethene	75-35-4		42.4	UG_L				TRG		LSA	130	70	20091101				4.2	0.35	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	06/30/201	06/30/2017			20170630	10:41:00	20170630	10:41:00	WG20829	1	1			2-Butanone	78-93-3		25.7	UG_L				TRG		LSA	150	30	20091101				4.2	1.3	2.5	15.	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	06/30/201	06/30/2017			20170630	10:41:00	20170630	10:41:00	WG20829	1	1			Tetrachloroethene	127-18-4		44.3	UG_L				TRG		LSA	150	45	20091101				4.2	0.40	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	06/30/201	06/30/2017			20170630	10:41:00	20170630	10:41:00	WG20829	1	1			Trichloroethene	79-01-6		46.2	UG_L				TRG		LSA	125	70	20091101				4.2	0.28	0.50	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208296-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BS	W	4	06/30/201	06/30/2017			20170630	10:41:00	20170630	10:41:00	WG20829	1	1			Vinyl chloride	75-01-4		49.7	UG_L				TRG		LSA	145	50	20091101				4.2	0.25	1.0	5.0	SK5275	WG20829	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208608-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	07/05/201	07/05/2017			20170705	12:41:00	20170705	12:41:00	WG20860	1	1			Benzene	71-43-2		0.50	UG_L	U			TRG									4.2	0.26	0.50	5.0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208608-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	07/05/201	07/05/2017			20170705	12:41:00	20170705	12:41:00	WG20860	1	1			Carbon tetrachloride	56-23-5		0.50	UG_L	U			TRG									4.2	0.22	0.50	5.0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208608-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	07/05/201	07/05/2017			20170705	12:41:00	20170705	12:41:00	WG20860	1	1			Chlorobenzene	108-90-7		0.50	UG_L	U			TRG									4.2	0.22	0.50	5.0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208608-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	07/05/201	07/05/2017			20170705	12:41:00	20170705	12:41:00	WG20860	1	1			Chloroform	67-66-3		0.50	UG_L	U			TRG									4.2	0.32	0.50	5.0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208608-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	07/05/201	07/05/2017			20170705	12:41:00	20170705	12:41:00	WG20860	1	1			1,2-Dichloroethane	107-06-2		0.50	UG_L	U			TRG									4.2	0.20	0.50	5.0	SK5275	WG20860	Preload C	20170801
N6247016	JM01		MERIDIAN	WG208608-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC		NA	SW5030	000	BLK	W	4	07/05/201	07/05/2017			20170705	12:41:00	20170705	12:41:00	WG20860	1	1			1,1-Dichloroethene	75-35-4		0.50	UG_L	U			TRG									4.2	0.35	0.50	5.0	SK5275	WG20860	Preload C	20170801

N6247016	JM01		MERIDIAN	WG208608-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	BLK	W	4	07/05/201	07/05/2017		20170705	12:41:00	20170705	12:41:00	WG20860	1	1			2-Butanone	78-93-3		2.5	UG_L	U			TRG									4.2	1.3	2.5	15.	SK5275	WG20860	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208608-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	BLK	W	4	07/05/201	07/05/2017		20170705	12:41:00	20170705	12:41:00	WG20860	1	1			Tetrachloroethene	127-18-4		0.50	UG_L	U			TRG									4.2	0.40	0.50	5.0	SK5275	WG20860	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208608-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	BLK	W	4	07/05/201	07/05/2017		20170705	12:41:00	20170705	12:41:00	WG20860	1	1			Trichloroethene	79-01-6		0.50	UG_L	U			TRG									4.2	0.28	0.50	5.0	SK5275	WG20860	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208608-BLANK	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	BLK	W	4	07/05/201	07/05/2017		20170705	12:41:00	20170705	12:41:00	WG20860	1	1			Vinyl chloride	75-01-4		1.0	UG_L	U			TRG									4.2	0.25	1.0	5.0	SK5275	WG20860	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208608-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	BS	W	4	07/05/201	07/05/2017		20170705	11:18:00	20170705	11:18:00	WG20860	1	1			Benzene	71-43-2		45.7	UG_L				TRG		LSA	120	80	20091101				4.2	0.26	0.50	5.0	SK5275	WG20860	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208608-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	BS	W	4	07/05/201	07/05/2017		20170705	11:18:00	20170705	11:18:00	WG20860	1	1			Carbon tetrachloride	56-23-5		46.1	UG_L				TRG		LSA	140	65	20091101				4.2	0.22	0.50	5.0	SK5275	WG20860	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208608-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	BS	W	4	07/05/201	07/05/2017		20170705	11:18:00	20170705	11:18:00	WG20860	1	1			Chlorobenzene	108-90-7		44.2	UG_L				TRG		LSA	120	80	20091101				4.2	0.22	0.50	5.0	SK5275	WG20860	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208608-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	BS	W	4	07/05/201	07/05/2017		20170705	11:18:00	20170705	11:18:00	WG20860	1	1			Chloroform	67-66-3		44.7	UG_L				TRG		LSA	135	65	20091101				4.2	0.32	0.50	5.0	SK5275	WG20860	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208608-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	BS	W	4	07/05/201	07/05/2017		20170705	11:18:00	20170705	11:18:00	WG20860	1	1			1,2-Dichloroethane	107-06-2		46.0	UG_L				TRG		LSA	130	70	20091101				4.2	0.20	0.50	5.0	SK5275	WG20860	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208608-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	BS	W	4	07/05/201	07/05/2017		20170705	11:18:00	20170705	11:18:00	WG20860	1	1			1,1-Dichloroethene	75-35-4		41.4	UG_L				TRG		LSA	130	70	20091101				4.2	0.35	0.50	5.0	SK5275	WG20860	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208608-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	BS	W	4	07/05/201	07/05/2017		20170705	11:18:00	20170705	11:18:00	WG20860	1	1			2-Butanone	78-93-3		42.0	UG_L				TRG		LSA	150	30	20091101				4.2	1.3	2.5	15.	SK5275	WG20860	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208608-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	BS	W	4	07/05/201	07/05/2017		20170705	11:18:00	20170705	11:18:00	WG20860	1	1			Tetrachloroethene	127-18-4		42.2	UG_L				TRG		LSA	150	45	20091101				4.2	0.40	0.50	5.0	SK5275	WG20860	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208608-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	BS	W	4	07/05/201	07/05/2017		20170705	11:18:00	20170705	11:18:00	WG20860	1	1			Trichloroethene	79-01-6		43.4	UG_L				TRG		LSA	125	70	20091101				4.2	0.28	0.50	5.0	SK5275	WG20860	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208608-LCS	TCLP	TCLPV	1311-8260	VOA	KAS	KATAHDIN ANALYTIC	NA	SW5030	000	BS	W	4	07/05/201	07/05/2017		20170705	11:18:00	20170705	11:18:00	WG20860	1	1			Vinyl chloride	75-01-4		54.8	UG_L				TRG		LSA	145	50	20091101				4.2	0.25	1.0	5.0	SK5275	WG20860	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617-LR	NONE	REACT	7.3.3.2	INO	KAS	KATAHDIN ANALYTIC	NA	METHOD	000	LR	W	4	06/18/201	06/20/2017		20170623	07:09:00	20170628	10:27:00	WG20849	0.987	1			Reactive cyanide	REACT-CN		10.	MG_KG	U			TRG									4.2	0.16	10.	20.	SK5275	WG20849	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617-MS	NONE	REACT	7.3.3.2	INO	KAS	KATAHDIN ANALYTIC	NA	METHOD	000	MS	W	4	06/18/201	06/20/2017		20170623	07:10:00	20170628	10:50:00	WG20849	1.99	1			Reactive cyanide	REACT-CN		4.2	MG_KG	J			TRG		MSA	100	0	20091101				4.2	0.31	20.	40.	SK5275	WG20849	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONE	REACT	7.3.3.2	INO	KAS	KATAHDIN ANALYTIC	NA	METHOD	000	REG	W	4	06/18/201	06/20/2017		20170623	07:01:00	20170628	10:27:00	SK5275-1	0.942	1			Reactive cyanide	REACT-CN		10.	MG_KG	U			TRG						IDW			4.2	0.16	10.	20.	SK5275	WG20849	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	NONE	REACT	7.3.3.2	INO	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170623	07:02:00	20170628	10:27:00	SK5275-2	0.988	1			Reactive cyanide	REACT-CN		10.	MG_KG	U			TRG						IDW			4.2	0.16	10.	20.	SK5275	WG20849	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	NONE	REACT	7.3.3.2	INO	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170623	07:03:00	20170628	10:27:00	SK5275-3	0.986	1			Reactive cyanide	REACT-CN		10.	MG_KG	U			TRG						IDW			4.2	0.16	10.	20.	SK5275	WG20849	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	NONE	REACT	7.3.3.2	INO	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170623	07:04:00	20170628	10:27:00	SK5275-4	0.978	1			Reactive cyanide	REACT-CN		10.	MG_KG	U			TRG						IDW			4.2	0.16	10.	20.	SK5275	WG20849	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	NONE	REACT	7.3.3.2	INO	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170623	07:05:00	20170628	10:31:00	SK5275-5	0.95	1			Reactive cyanide	REACT-CN		10.	MG_KG	U			TRG						IDW			4.2	0.16	10.	20.	SK5275	WG20849	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	NONE	REACT	7.3.3.2	INO	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170623	07:06:00	20170628	10:31:00	SK5275-6	0.933	1			Reactive cyanide	REACT-CN		10.	MG_KG	U			TRG						IDW			4.2	0.16	10.	20.	SK5275	WG20849	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208490-BLANK	NONE	REACT	7.3.3.2	INO	KAS	KATAHDIN ANALYTIC	NA	METHOD	000	BLK	W	4	06/23/201	06/23/2017		20170623	07:07:00	20170628	10:27:00	WG20849	1	1			Reactive cyanide	REACT-CN		10.	MG_KG	U			TRG									4.2	0.16	10.	20.	SK5275	WG20849	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG208490-LCS	NONE	REACT	7.3.3.2	INO	KAS	KATAHDIN ANALYTIC	NA	METHOD	000	BS	W	4	06/23/201	06/23/2017		20170623	07:08:00	20170628	10:50:00	WG20849	2	1			Reactive cyanide	REACT-CN		3.9	MG_KG	J			TRG		LSA	100	0	20091101				4.2	0.31	20.	40.	SK5275	WG20849	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617-LR	NONE	REACT	7.3.4.1	INO	KAS	KATAHDIN ANALYTIC	NA	METHOD	000	LR	W	4	06/18/201	06/20/2017		20170623	12:09:00	20170623	17:33:00	WG20799	0.99	1			Reactive sulfide	REACT-S		25.	MG_KG	U			TRG									4.2	16.39	25.	50.	SK5275	WG20799	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617-MS	NONE	REACT	7.3.4.1	INO	KAS	KATAHDIN ANALYTIC	NA	METHOD	000	MS	W	4	06/18/201	06/20/2017		20170623	12:10:00	20170623	17:33:00	WG20799	0.99	1			Reactive sulfide	REACT-S		930	MG_KG				TRG		MSA	120	30	20091101				4.2	16.39	25.	50.	SK5275	WG20799	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONE	REACT	7.3.4.1	INO	KAS	KATAHDIN ANALYTIC	NA	METHOD	000	REG	W	4	06/18/201	06/20/2017		20170623	12:01:00	20170623	17:33:00	SK5275-1	0.94	1			Reactive sulfide	REACT-S		25	MG_KG	U			TRG						IDW			4.2	16	25	50	SK5275	WG20799	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	NONE	REACT	7.3.4.1	INO	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170623	12:02:00	20170623	17:33:00	SK5275-2	0.99	1			Reactive sulfide	REACT-S		25	MG_KG	U			TRG						IDW			4.2	16	25	50.	SK5275	WG20799	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	NONE	REACT	7.3.4.1	INO	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170623	12:03:00	20170623	17:33:00	SK5275-3	0.98	1			Reactive sulfide	REACT-S		25	MG_KG	U			TRG						IDW			4.2	16	25	50	SK5275	WG20799	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	NONE	REACT	7.3.4.1	INO	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170623	12:04:00	20170623	17:33:00	SK5275-4	0.98	1			Reactive sulfide	REACT-S		25	MG_KG	U			TRG						IDW			4.2	16	25	50	SK5275	WG20799	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	NONE	REACT	7.3.4.1	INO	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170623	12:05:00	20170623	17:33:00	SK5275-5	0.95	1			Reactive sulfide	REACT-S		25	MG_KG	U			TRG						IDW			4.2	16	25	50	SK5275	WG20799	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	NONE	REACT	7.3.4.1	INO	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170623	12:06:00	20170623	17:33:00	SK5275-6	0.93	1			Reactive sulfide	REACT-S		25	MG_KG	U			TRG						IDW			4.2	16	25	50	SK5275	WG20799	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207995-BLANK	NONE	REACT	7.3.4.1	INO	KAS	KATAHDIN ANALYTIC	NA	METHOD	000	BLK	W	4	06/23/201	06/23/2017		20170623	12:07:00	20170623	17:33:00	WG20799	1	1			Reactive sulfide	REACT-S		25.	MG_KG	U			TRG									4.2	16.39	25.	50.	SK5275	WG20799	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207995-LCS	NONE	REACT	7.3.4.1	INO	KAS	KATAHDIN ANALYTIC	NA	METHOD	000	BS	W	4	06/23/201	06/23/2017		20170623	12:08:00	20170623	17:33:00	WG20799	1	1			Reactive sulfide	REACT-S		1000	MG_KG				TRG		LSA	120	30	20091101				4.2	16.39	25.	50.	SK5275	WG20799	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONE	IGN	1010A	PCHAR	KAS	KATAHDIN ANALYTIC	NA	NONE	000	REG	W	4	06/18/201	06/20/2017				20170622	11:25:00	SK5275-1	1	1			Ignitability	IGN		71.	DEG_C	NI			TRG	>					IDW			4.2	71.	71	71.	SK5275	WG20776	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	NONE	IGN	1010A	PCHAR	KAS	KATAHDIN ANALYTIC	DRY	NONE	000	REG	S	4	06/18/201	06/20/2017				20170622	11:25:00	SK5275-2	1	1			Ignitability	IGN		71.	DEG_C	NI			TRG	>					IDW			4.2	71.	71	71.	SK5275	WG20776	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	NONE	IGN	1010A	PCHAR	KAS	KATAHDIN ANALYTIC	DRY	NONE	000	REG	S	4	06/18/201	06/20/2017				20170622	11:25:00	SK5275-3	1	1			Ignitability	IGN		71.	DEG_C	NI			TRG	>					IDW			4.2	71.	71	71.	SK5275	WG20776	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	NONE	IGN	1010A	PCHAR	KAS	KATAHDIN ANALYTIC	DRY	NONE	000	REG	S	4	06/18/201	06/20/2017				20170622	11:25:00	SK5275-4	1	1			Ignitability	IGN		71.	DEG_C	NI			TRG	>					IDW			4.2	71.	71	71.	SK5275	WG20776	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	NONE	IGN	1010A	PCHAR	KAS	KATAHDIN ANALYTIC	DRY	NONE	000	REG	S	4	06/18/201	06/20/2017				20170622	11:25:00	SK5275-5	1	1			Ignitability	IGN		71.	DEG_C	NI			TRG	>					IDW			4.2	71.	71	71.	SK5275	WG20776	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	NONE	IGN	1010A	PCHAR	KAS	KATAHDIN ANALYTIC	DRY	NONE	000	REG	S	4	06/18/201	06/20/2017				20170622	11:25:00	SK5275-6	1	1			Ignitability	IGN		71.	DEG_C	NI			TRG	>					IDW			4.2	71.	71	71.	SK5275	WG20776	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207763-BLANK	NONE	IGN	1010A	PCHAR	KAS	KATAHDIN ANALYTIC	NA	NONE	000	BLK	W	4	06/22/201	06/22/2017				20170622	11:25:00	WG20776	1	1			Ignitability	IGN		71.	DEG_C	NI			TRG	>								4.2	71.	71	71.	SK5275	WG20776	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207763-LCS	NONE	IGN	1010A	PCHAR	KAS	KATAHDIN ANALYTIC	NA	NONE	000	BS	W	4	06/22/201	06/22/2017				20170622	11:25:00	WG20776	1	1			Ignitability	IGN		27.	DEG_C				TRG		LSA	120	80	20091101				4.2	71.	71	71.	SK5275	WG20776	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207763-LCSD	NONE	IGN	1010A	PCHAR	KAS	KATAHDIN ANALYTIC	NA	NONE	000	BSD	W	4	06/22/201	06/22/2017				20170622	11:25:00	WG20776	1	1			Ignitability	IGN		27.	DEG_C				TRG		LSA	120	80	20091101				4.2	71.	71	71.	SK5275	WG20776	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617-LR	NONE	CORR	9040C	PCHAR	KAS	KATAHDIN ANALYTIC	NA	NONE	000	LR	W	4	06/18/201	06/20/2017				20170620	17:27:00	WG20769	1	1			Corrosivity (pH units)	CORR		6.4	PH				TRG									4.2	0.10	0.10	0.10	SK5275	WG20769	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW03-GW-0617	NONE	CORR	9040C	PCHAR	KAS	KATAHDIN ANALYTIC	NA	NONE	000	REG	W	4	06/18/201	06/20/2017				20170620	17:23:00	SK5275-1	1	1			Corrosivity (pH units)	CORR		6.3	PH				TRG						IDW			4.2	0.10	0.10	0.10	SK5275	WG20769	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207695-LCS	NONE	CORR	9040C	PCHAR	KAS	KATAHDIN ANALYTIC	NA	NONE	000	BS	W	4	06/20/201	06/20/2017				20170620	17:18:00	WG20769	1	1			Corrosivity (pH units)	CORR		7.0	PH				TRG		LSA	110	90	20091101				4.2	0.10	0.10	0.10	SK5275	WG20769	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW04-SO-0617	NONE	CORR	9045D	PCHAR	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170621	11:43:00	20170621	11:43:00	SK5275-2	1	1			Corrosivity (pH units)	CORR		5.6	PH				TRG						IDW			4.2	0.10	0.10	0.10	SK5275	WG20769	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW05-SO-0617	NONE	CORR	9045D	PCHAR	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170621	11:43:00	20170621	11:43:00	SK5275-3	1	1			Corrosivity (pH units)	CORR		5.3	PH				TRG						IDW			4.2	0.10	0.10	0.10	SK5275	WG20769	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW06-SO-0617	NONE	CORR	9045D	PCHAR	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170621	11:43:00	20170621	11:43:00	SK5275-4	1	1			Corrosivity (pH units)	CORR		6.2	PH				TRG						IDW			4.2	0.10	0.10	0.10	SK5275	WG20769	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW07-SO-0617	NONE	CORR	9045D	PCHAR	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170621	11:43:00	20170621	11:43:00	SK5275-5	1	1			Corrosivity (pH units)	CORR		5.1	PH				TRG						IDW			4.2	0.10	0.10	0.10	SK5275	WG20769	Preload Cl	20170801
N6247016	JM01		MERIDIAN	MEAFF-IW08-SO-0617	NONE	CORR	9045D	PCHAR	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	REG	S	4	06/18/201	06/20/2017		20170621	11:43:00	20170621	11:43:00	SK5275-6	1	1			Corrosivity (pH units)	CORR		5.2	PH				TRG						IDW			4.2	0.10	0.10	0.10	SK5275	WG20769	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207698-LCS	NONE	CORR	9045D	PCHAR	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	BS	S	4	06/21/201	06/21/2017		20170621	11:43:00	20170621	11:43:00	WG20769	1	1			Corrosivity (pH units)	CORR		7.0	PH				TRG		LSA	110	90	20091101				4.2	0.10	0.10	0.10	SK5275	WG20769	Preload Cl	20170801
N6247016	JM01		MERIDIAN	WG207698-LCSD	NONE	CORR	9045D	PCHAR	KAS	KATAHDIN ANALYTIC	DRY	METHOD	000	BSD	S	4	06/21/201	06/21/2017		20170621	11:43:00	20170621	11:43:00	WG20769	1	1			Corrosivity (pH units)	CORR		7.0	PH				TRG		LSA	110	90	20091101				4.2	0.10	0.10	0.10	SK5275	WG20769	Preload Cl	20170801

ENVIRONMENTAL
Data Services, Inc.

DATA VALIDATION SUMMARY REPORT
NAVAL AIR STATION MERIDIAN, MISSISSIPPI

Client: CH2M HILL, Inc., Virginia Beach, Virginia
SDG: 320-28275-1
Laboratory: Test America Laboratories, West Sacramento, California
Site: Naval Air Station Meridian, JM01, Meridian, Mississippi
Date: October 29, 2017

PFCs			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MEAFF-UNKNOWN5-SB01-0001	320-28275-1	Soil
2	MEAFF-UNKNOWN5-SB01-0204	320-28275-2	Soil
2MS	MEAFF-UNKNOWN5-SB01-0204MS	320-28275-2MS	Soil
2MSD	MEAFF-UNKNOWN5-SB01-0204MSD	320-28275-2MSD	Soil
3	MEAFF-TA-4_SOUTH-SB01-0001	320-28275-3	Soil
4	MEAFF-TA-4_SOUTH-SB01-0204	320-28275-4	Soil
5	MEAFF-FD05-051117	320-28275-5	Soil
6	MEAFF-T45C_05_2008-SB01-0406	320-28275-6	Soil
7	MEAFF-T45C_05_2008-SB01-0608	320-28275-7	Soil
8	MEAFF-T45C_2003-SB01-0001	320-28275-8	Soil
9	MEAFF-T45C_2003-SB01-0204	320-28275-9	Soil
10	DPTTANKBLANK-051117	320-28275-10	Water
11	PRESSWASHBLANK-051117	320-28275-11	Water
12	MEAFF-EB03-051117	320-28275-12	Water
13	MEAFF-EB04-051117	320-28275-13	Water
14	MEAFF-UNKNOWN6-SB01-0001	320-28275-14	Soil
15	MEAFF-UNKNOWN6-SB01-0204	320-28275-15	Soil
16	MEAFF-T-45C_2004-SB01-0001	320-28275-16	Soil
17	MEAFF-T-45C_2004-SB01-0204	320-28275-17	Soil
18	MEAFF-T-2C_1996-SB01-0001	320-28275-18	Soil
19	MEAFF-T-2C_1996-SB01-0204	320-28275-19	Soil
20	MEAFF-TA-4J_1984-SB01-0001	320-28275-20	Soil
21	MEAFF-TA-4J_1984-SB01-0204	320-28275-21	Soil
22	MEAFF-FD06-051217	320-28275-22	Soil

A full data validation was performed on the analytical data for eighteen soil samples, two water samples and two aqueous equipment blank samples collected on May 11-12, 2017 by CH2M HILL at the NAS Meridian site in Mississippi. The samples were analyzed under the EPA Method "Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)".

Specific method references are as follows:

Analysis	*Method References*
PFCs	USEPA Method 537 Modified

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods, the Draft Sampling and Analysis Plan, Perfluorinated Compounds Site Inspection, Naval Air Station Meridian, Task Order JM01, August 2016, and the USEPA National Functional Guidelines for Organic Data Review as follows:

- The USEPA "Contract Laboratories Program National Functional Guidelines for Superfund Organic Methods Data Review," January 2017;
- and the reviewer's professional judgment.

The following data quality indicators were reviewed for this report:

Organics

- Holding times and sample preservation
- Liquid Chromatography/Mass Spectrometry (LC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field QC blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Field Duplicate sample precision

A full (Level IV) data validation was performed with this review including a recalculation of 10% of the detected results in the samples.

Data Usability Assessment

There were no rejections of data.

Overall the data is acceptable for the intended purposes. There were no qualifications.

Perfluorinated Compounds (PFCs)

Holding Times

- All samples were extracted within 14 days for water and soil samples and analyzed within 28 days.

LC/MS Tuning

- All criteria were met.

Initial Calibration

- All relative standard deviation (%RSD) and/or correlation coefficients criteria were met.

Continuing Calibration

- All percent difference (%D) and RRF criteria were met.

Method Blank

- The method blanks were free of contamination.

Field QC Blank

- The field blank results are summarized below.

Blank ID	Compound	Conc. ng/L	Qualifier	Affected Samples
MEAFF-EB03-051117	None - ND	-	-	-
MEAFF-EB04-051117	PFOS	1.6	None	All Associated ND or >10X

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable percent recoveries (%R) and RPD values.

Laboratory Control Sample/Laboratory Control Sample (LCS/LCSD)

- The LCS/LCSD samples exhibited acceptable percent recoveries (%R) and RPD values.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- Several samples results were flagged (M) by the laboratory indicating manual integration. These flags were removed by the reviewer.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Compound	MEAFF-UNKNOWN5-SB01-0204 ug/kg	MEAFF-FD05-051117 ug/kg	RPD	Qualifier
None	ND	ND	-	-

Compound	MEAFF-TA-4J_1984-SB01-0204 ug/kg	MEAFF-FD06-051217 ug/kg	RPD	Qualifier
None	ND	ND	-	-

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 11/3/17

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

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1

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-Unknown5-SB01-0001
Lab Sample ID: 320-28275-1
Matrix: Solid
Lab File ID: 2017.05.25C_039.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 11:18
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.01(g)
Date Analyzed: 05/25/2017 22:09
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 13.9
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.21	J	0.58	0.35	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.68	~~M~~	0.58	0.35	0.15
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.35	U	0.46	0.35	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	87		25-150
STL00991	13C4 PFOS	40		25-150
STL00994	18O2 PFHxS	66		25-150

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2

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-Unknown5-SB01-0204
Lab Sample ID: 320-28275-2
Matrix: Solid
Lab File ID: 2017.05.25C_040.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 11:23
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 4.97(g)
Date Analyzed: 05/25/2017 22:16
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 18.8
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.37	U	0.62	0.37	0.13
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.37	U	0.62	0.37	0.16
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.37	U	0.50	0.37	0.13

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	75		25-150
STL00991	13C4 PFOS	40		25-150
STL00994	18O2 PFHxS	72		25-150

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LCMS ORGANICS ANALYSIS DATA SHEET

3

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-TA-4_SOUTH-SB01-0001
Lab Sample ID: 320-28275-3
Matrix: Solid
Lab File ID: 2017.05.25C_043.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 13:40
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.02(g)
Date Analyzed: 05/25/2017 22:39
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 11.0
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.34	U	0.56	0.34	0.11
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.34	U	0.56	0.34	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.34	U	0.45	0.34	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	101		25-150
STL00991	13C4 PFOS	71		25-150
STL00994	18O2 PFHxS	85		25-150

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4

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-TA-4_SOUTH-SB01-020 4
Lab Sample ID: 320-28275-4
Matrix: Solid
Lab File ID: 2017.05.25C_044.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 13:45
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.01(g)
Date Analyzed: 05/25/2017 22:46
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 10.7
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.34	U	0.56	0.34	0.11
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.34	U ~~N~~	0.56	0.34	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.34	U	0.45	0.34	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	95		25-150
STL00991	13C4 PFOS	69		25-150
STL00994	18O2 PFHxS	83		25-150

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LCMS ORGANICS ANALYSIS DATA SHEET

5

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-FD05-051117
Lab Sample ID: 320-28275-5
Matrix: Solid
Lab File ID: 2017.05.25C_045.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 00:00
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 4.96(g)
Date Analyzed: 05/25/2017 22:54
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 18.1
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.37	U	0.62	0.37	0.13
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.37	U	0.62	0.37	0.16
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.37	U	0.49	0.37	0.13

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	78		25-150
STL00991	13C4 PFOS	31		25-150
STL00994	18O2 PFHxS	72		25-150

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6

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-T45C_05_2008-SB01-0406
Lab Sample ID: 320-28275-6
Matrix: Solid
Lab File ID: 2017.05.25C_046.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 14:30
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.07(g)
Date Analyzed: 05/25/2017 23:01
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 18.2
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.36	U M	0.60	0.36	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.36	U	0.60	0.36	0.15
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.36	U	0.48	0.36	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	86		25-150
STL00991	13C4 PFOS	46		25-150
STL00994	18O2 PFHxS	74		25-150

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7

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-T45C_05_2008-SB01-0608
Lab Sample ID: 320-28275-7
Matrix: Solid
Lab File ID: 2017.05.25C_048.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 14:38
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.05(g)
Date Analyzed: 05/25/2017 23:16
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 16.1
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.17	J ~~M~~	0.59	0.35	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.35	U	0.59	0.35	0.15
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.35	U	0.47	0.35	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	95		25-150
STL00991	13C4 PFOS	51		25-150
STL00994	18O2 PFHxS	76		25-150

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8

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-T45C_2003-SB01-0001
Lab Sample ID: 320-28275-8
Matrix: Solid
Lab File ID: 2017.05.25C_049.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 16:25
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.04(g)
Date Analyzed: 05/25/2017 23:24
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 15.1
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.87		0.58	0.35	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.80	~~M~~	0.58	0.35	0.15
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.35	U ~~M~~	0.47	0.35	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	79		25-150
STL00991	13C4 PFOS	69		25-150
STL00994	18O2 PFHxS	74		25-150

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9

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-T45C_2003-SB01-0204
Lab Sample ID: 320-28275-9
Matrix: Solid
Lab File ID: 2017.05.25C_050.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 16:28
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 4.99(g)
Date Analyzed: 05/25/2017 23:31
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 20.4
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.14	J ~~M~~	0.63	0.38	0.13
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.38	U	0.63	0.38	0.16
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.38	U	0.50	0.38	0.13

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	77		25-150
STL00991	13C4 PFOS	32		25-150
STL00994	18O2 PFHxS	64		25-150

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10

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: DPTTankBlank-051117
Lab Sample ID: 320-28275-10
Matrix: Water
Lab File ID: 2017.05.18D_005.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 11:00
Extraction Method: 3535
Date Extracted: 05/17/2017 14:18
Sample wt/vol: 312.3(mL)
Date Analyzed: 05/19/2017 07:14
Con. Extract Vol.: 0.50(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 165301
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	1.6	U	2.0	1.6	0.60
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	2.4	U	3.2	2.4	1.0
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.6	U	2.0	1.6	0.73

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	77		25-150
STL00991	13C4 PFOS	113		25-150
STL00994	18O2 PFHxS	111		25-150

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11

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: PressWashBlank-051117
Lab Sample ID: 320-28275-11
Matrix: Water
Lab File ID: 2017.05.18D_006.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 11:05
Extraction Method: 3535
Date Extracted: 05/17/2017 14:18
Sample wt/vol: 285.5(mL)
Date Analyzed: 05/19/2017 07:21
Con. Extract Vol.: 0.50(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 165301
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	1.8	U	2.2	1.8	0.65
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	2.6	U	3.5	2.6	1.1
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.8	U	2.2	1.8	0.80

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	80		25-150
STL00991	13C4 PFOS	115		25-150
STL00994	18O2 PFHxS	111		25-150

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12

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-EB03-051117
Lab Sample ID: 320-28275-12
Matrix: Water
Lab File ID: 2017.05.18D_007.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 11:10
Extraction Method: 3535
Date Extracted: 05/17/2017 14:18
Sample wt/vol: 280.8(mL)
Date Analyzed: 05/19/2017 07:29
Con. Extract Vol.: 0.50(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 165301
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	1.8	U	2.2	1.8	0.67
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	2.7	U	3.6	2.7	1.1
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.8	U	2.2	1.8	0.82

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	121		25-150
STL00991	13C4 PFOS	112		25-150
STL00994	18O2 PFHxS	106		25-150

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13

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-EB04-051117
Lab Sample ID: 320-28275-13
Matrix: Water
Lab File ID: 2017.05.18D_008.d
Analysis Method: 537 (Modified)
Date Collected: 05/11/2017 16:05
Extraction Method: 3535
Date Extracted: 05/17/2017 14:18
Sample wt/vol: 271.1(mL)
Date Analyzed: 05/19/2017 07:36
Con. Extract Vol.: 0.50(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 165301
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	1.8	U	2.3	1.8	0.69
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.6	J ~~N~~	3.7	2.8	1.2
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.8	U	2.3	1.8	0.85

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	125		25-150
STL00991	13C4 PFOS	110		25-150
STL00994	18O2 PFHxS	108		25-150

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14

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-Unknown6-SB01-0001
Lab Sample ID: 320-28275-14
Matrix: Solid
Lab File ID: 2017.05.25C_051.d
Analysis Method: 537 (Modified)
Date Collected: 05/12/2017 12:05
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.07(g)
Date Analyzed: 05/25/2017 23:39
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 15.3
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.43	J ~~M~~	0.58	0.35	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.6	~~M~~	0.58	0.35	0.15
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.35	U ~~M~~	0.47	0.35	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	84		25-150
STL00991	13C4 PFOS	56		25-150
STL00994	18O2 PFHxS	70		25-150

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15

Lab Name: TestAmerica Sacramento | Job No.: 320-28275-1

SDG No.:

Client Sample ID: MEAFF-Unknown6-SB01-0204 | Lab Sample ID: 320-28275-15

Matrix: Solid | Lab File ID: 2017.05.25C_052.d

Analysis Method: 537 (Modified) | Date Collected: 05/12/2017 12:07

Extraction Method: SHAKE | Date Extracted: 05/18/2017 10:15

Sample wt/vol: 5.02(g) | Date Analyzed: 05/25/2017 23:46

Con. Extract Vol.: 1.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: 20.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 166365 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.38	U ~~M~~	0.63	0.38	0.13
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.38	U	0.63	0.38	0.16
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.38	U ~~M~~	0.50	0.38	0.13

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	117		25-150
STL00991	13C4 PFOS	77		25-150
STL00994	18O2 PFHxS	95		25-150

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16

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-T-45C_2004-SB01-0001
Lab Sample ID: 320-28275-16
Matrix: Solid
Lab File ID: 2017.05.25C_053.d
Analysis Method: 537 (Modified)
Date Collected: 05/12/2017 13:02
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 4.98(g)
Date Analyzed: 05/25/2017 23:54
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 8.8
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.21	J	0.55	0.33	0.11
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.20	J	0.55	0.33	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.33	U ~~M~~	0.44	0.33	0.11

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	66		25-150
STL00991	13C4 PFOS	57		25-150
STL00994	18O2 PFHxS	54		25-150

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17

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-T-45C_2004-SB01-020 4
Lab Sample ID: 320-28275-17
Matrix: Solid
Lab File ID: 2017.05.25C_054.d
Analysis Method: 537 (Modified)
Date Collected: 05/12/2017 13:05
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.08(g)
Date Analyzed: 05/26/2017 00:01
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 10.4
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.33	U	0.55	0.33	0.11
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.33	U	0.55	0.33	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.33	U	0.44	0.33	0.11

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	95		25-150
STL00991	13C4 PFOS	49		25-150
STL00994	18O2 PFHxS	79		25-150

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LCMS ORGANICS ANALYSIS DATA SHEET

18

Lab Name: TestAmerica Sacramento | Job No.: 320-28275-1

SDG No.:

Client Sample ID: MEAFF-T-2C_1996-SB01-0001 | Lab Sample ID: 320-28275-18

Matrix: Solid | Lab File ID: 2017.05.25C_055.d

Analysis Method: 537 (Modified) | Date Collected: 05/12/2017 14:05

Extraction Method: SHAKE | Date Extracted: 05/18/2017 10:15

Sample wt/vol: 4.97(g) | Date Analyzed: 05/26/2017 00:09

Con. Extract Vol.: 1.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: 11.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 166365 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.87		0.57	0.34	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	2.3	~~M~~	0.57	0.34	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.34	U ~~M~~	0.46	0.34	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	71		25-150
STL00991	13C4 PFOS	25		25-150
STL00994	18O2 PFHxS	62		25-150

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LCMS ORGANICS ANALYSIS DATA SHEET

19

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-T-2C_1996-SB01-0204
Lab Sample ID: 320-28275-19
Matrix: Solid
Lab File ID: 2017.05.25C_056.d
Analysis Method: 537 (Modified)
Date Collected: 05/12/2017 14:07
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 5.03(g)
Date Analyzed: 05/26/2017 00:16
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 13.1
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.34	U	0.57	0.34	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.34	U	0.57	0.34	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.34	U	0.46	0.34	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	88		25-150
STL00991	13C4 PFOS	46		25-150
STL00994	18O2 PFHxS	77		25-150

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LCMS ORGANICS ANALYSIS DATA SHEET

20

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-TA-4J_1984-SB01-0001
Lab Sample ID: 320-28275-20
Matrix: Solid
Lab File ID: 2017.05.25C_057.d
Analysis Method: 537 (Modified)
Date Collected: 05/12/2017 15:03
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 4.97(g)
Date Analyzed: 05/26/2017 00:24
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 12.5
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.34	U M	0.57	0.34	0.12
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.34	U	0.57	0.34	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.34	U M	0.46	0.34	0.12

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	95		25-150
STL00991	13C4 PFOS	58		25-150
STL00994	18O2 PFHxS	79		25-150

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LCMS ORGANICS ANALYSIS DATA SHEET

21

Lab Name: TestAmerica Sacramento
Job No.: 320-28275-1
SDG No.:
Client Sample ID: MEAFF-TA-4J_1984-SB01-020 4
Lab Sample ID: 320-28275-21
Matrix: Solid
Lab File ID: 2017.05.25C_059.d
Analysis Method: 537 (Modified)
Date Collected: 05/12/2017 15:05
Extraction Method: SHAKE
Date Extracted: 05/18/2017 10:15
Sample wt/vol: 4.97(g)
Date Analyzed: 05/26/2017 00:39
Con. Extract Vol.: 1.00(mL)
Dilution Factor: 1
Injection Volume: 2(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture: 8.9
GPC Cleanup:(Y/N) N
Analysis Batch No.: 166365
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.33	U M	0.55	0.33	0.11
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.33	U	0.55	0.33	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.33	U	0.44	0.33	0.11

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	93		25-150
STL00991	13C4 PFOS	71		25-150
STL00994	18O2 PFHxS	81		25-150

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

22

Lab Name: TestAmerica Sacramento | Job No.: 320-28275-1

SDG No.:

Client Sample ID: MEAFF-FD06-051217 | Lab Sample ID: 320-28275-22

Matrix: Solid | Lab File ID: 2017.05.25C_060.d

Analysis Method: 537 (Modified) | Date Collected: 05/12/2017 00:00

Extraction Method: SHAKE | Date Extracted: 05/18/2017 10:15

Sample wt/vol: 5.01(g) | Date Analyzed: 05/26/2017 00:46

Con. Extract Vol.: 1.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: 7.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 166365 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	0.33	U	0.54	0.33	0.11
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.33	U	0.54	0.33	0.14
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.33	U	0.43	0.33	0.11

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	88		25-150
STL00991	13C4 PFOS	63		25-150
STL00994	18O2 PFHxS	80		25-150

NW 10/29/17