Navy_CLEAN_PFAS_FOIA_request_covers.indd

NAVFAC
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 J28800-1

Naval Air Station Meridian
Meridian, Mississippi

July 2019

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION UNLIMITED

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

TestAmerica Job ID: 320-28800-1
Client Project/Site: Meridian 10006-7-105420 JM01 Navy Clean

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

Attn: Mr. Michael Zamboni

Authorized for release by:
6/23/2017 3:18:46 PM
David Alltucker, Project Manager I
(916)374-4383
david.alltucker@testamericainc.com

Designee for

Jill Kellmann, Manager of Project Management
(916)374-4402
jill.kellmann@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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: 320-28800-1

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: 320-28800-1

Laboratory: TestAmerica Sacramento

Narrative

CASE NARRATIVE

Client: CH2M Hill, Inc.

Project: Meridian 10006-7-105420 JM01 Navy Clean

Report Number: 320-28800-1

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 West 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 West 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 06/05/2017; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 6.7 C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria at 6.7º C.. GroutTruck_Blank_2 (320-28800-1) and ATVRig_Blank (320-28800-2). The cooler originally had a label for Saturday delivery 6/3/17, but there was another label placed over that for Monday delivery 6/5/17. It should be noted that while the laboratory receipt policy is to have samples received between 0-6 degrees Celsius, method 537 states that samples should be received as less than 10 degrees Celsius, which these were.

PFAS

The first level standard from the initial calibration curve is used to evaluate the tune criteria. The instrument mass windows are set at +/-

Job ID: 320-28800-1 (Continued)

Laboratory: TestAmerica Sacramento (Continued)

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.

The following sample is an ATVRig_Blank sample and had detections for Perfluorooctanoic acid (PFOA): ATVRig_Blank (320-28800-2). This sample was re-analyzed and the detections were confirmed. The original analysis is reported.

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: 320-28800-1

Client Sample ID: GroutTruck_Blank_2 — Lab Sample ID: 320-28800-1

No Detections.

Client Sample ID: ATVRig_Blank — Lab Sample ID: 320-28800-2

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	1.2	J M	2.6	0.77	ng/L	1		537 (Modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: GroutTruck_Blank_2

Lab Sample ID: 320-28800-1
Date Collected: 06/02/17 09:20
Matrix: Water
Date Received: 06/05/17 08:39

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	2.1	U	2.6	0.77	ng/L		06/09/17 10:13	06/11/17 07:05	1
Perfluorooctanesulfonic acid (PFOS)	3.1	U	4.1	1.3	ng/L		06/09/17 10:13	06/11/17 07:05	1
Perfluorobutanesulfonic acid (PFBS)	2.1	U	2.6	0.94	ng/L		06/09/17 10:13	06/11/17 07:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*91*		*25 - 150*	*06/09/17 10:13*	*06/11/17 07:05*	*1*
13C4 PFOS	*108*		*25 - 150*	*06/09/17 10:13*	*06/11/17 07:05*	*1*
18O2 PFHxS	*127*		*25 - 150*	*06/09/17 10:13*	*06/11/17 07:05*	*1*

Client Sample ID: ATVRig_Blank

Lab Sample ID: 320-28800-2
Date Collected: 06/02/17 09:55
Matrix: Water
Date Received: 06/05/17 08:39

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**1.2**	**J M**	2.6	0.77	ng/L		06/09/17 10:13	06/11/17 07:13	1
Perfluorooctanesulfonic acid (PFOS)	3.1	U M	4.1	1.3	ng/L		06/09/17 10:13	06/11/17 07:13	1
Perfluorobutanesulfonic acid (PFBS)	2.1	U M	2.6	0.95	ng/L		06/09/17 10:13	06/11/17 07:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*69*		*25 - 150*	*06/09/17 10:13*	*06/11/17 07:13*	*1*
13C4 PFOS	*110*		*25 - 150*	*06/09/17 10:13*	*06/11/17 07:13*	*1*
18O2 PFHxS	*124*		*25 - 150*	*06/09/17 10:13*	*06/11/17 07:13*	*1*

Isotope Dilution Summary

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

TestAmerica Job ID: 320-28800-1

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)						
320-28800-1	GroutTruck_Blank_2	91	108	127						
320-28800-2	ATVRig_Blank	69	110	124						
LCS 320-168463/2-A	Lab Control Sample	136	94	109						
LCSD 320-168463/3-A	Lab Control Sample Dup	125	114	118						
MB 320-168463/1-A	Method Blank	129	110	119						

Surrogate Legend

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

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Lab Sample ID: MB 320-168463/1-A
Matrix: Water
Analysis Batch: 169055

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168463

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		06/09/17 10:13	06/13/17 11:46	1
Perfluorooctanesulfonic acid (PFOS)	3.0	U	4.0	1.3	ng/L		06/09/17 10:13	06/13/17 11:46	1
Perfluorobutanesulfonic acid (PFBS)	2.0	U	2.5	0.92	ng/L		06/09/17 10:13	06/13/17 11:46	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*129*		*25 - 150*	*06/09/17 10:13*	*06/13/17 11:46*	*1*
13C4 PFOS	*110*		*25 - 150*	*06/09/17 10:13*	*06/13/17 11:46*	*1*
18O2 PFHxS	*119*		*25 - 150*	*06/09/17 10:13*	*06/13/17 11:46*	*1*

Lab Sample ID: LCS 320-168463/2-A
Matrix: Water
Analysis Batch: 168683

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168463

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanoic acid (PFOA)	40.0	41.1		ng/L		103	60 - 140
Perfluorooctanesulfonic acid (PFOS)	37.1	39.7		ng/L		107	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.4	42.7		ng/L		121	50 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFOA	*136*		*25 - 150*
13C4 PFOS	*94*		*25 - 150*
18O2 PFHxS	*109*		*25 - 150*

Lab Sample ID: LCSD 320-168463/3-A
Matrix: Water
Analysis Batch: 169055

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168463

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)	40.0	39.9		ng/L		100	60 - 140	3	30
Perfluorooctanesulfonic acid (PFOS)	37.1	37.1		ng/L		100	60 - 140	7	30
Perfluorobutanesulfonic acid (PFBS)	35.4	39.1		ng/L		111	50 - 150	9	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFOA	*125*		*25 - 150*
13C4 PFOS	*114*		*25 - 150*
18O2 PFHxS	*118*		*25 - 150*

QC Association Summary

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

TestAmerica Job ID: 320-28800-1

LCMS

Prep Batch: 168463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28800-1	GroutTruck_Blank_2	Total/NA	Water	3535	
320-28800-2	ATVRig_Blank	Total/NA	Water	3535	
MB 320-168463/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-168463/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-168463/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 168683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28800-1	GroutTruck_Blank_2	Total/NA	Water	537 (Modified)	168463
320-28800-2	ATVRig_Blank	Total/NA	Water	537 (Modified)	168463
LCS 320-168463/2-A	Lab Control Sample	Total/NA	Water	537 (Modified)	168463

Analysis Batch: 169055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 320-168463/1-A	Method Blank	Total/NA	Water	537 (Modified)	168463
LCSD 320-168463/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Modified)	168463

Lab Chronicle

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

TestAmerica Job ID: 320-28800-1

Client Sample ID: GroutTruck_Blank_2

Lab Sample ID: 320-28800-1

Date Collected: 06/02/17 09:20

Matrix: Water

Date Received: 06/05/17 08:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			243.1 mL	0.5 mL	168463	06/09/17 10:13	CCB	TAL SAC
Total/NA	Analysis	537 (Modified)		1			168683	06/11/17 07:05	SBC	TAL SAC

Client Sample ID: ATVRig_Blank

Lab Sample ID: 320-28800-2

Date Collected: 06/02/17 09:55

Matrix: Water

Date Received: 06/05/17 08:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			241.5 mL	0.5 mL	168463	06/09/17 10:13	CCB	TAL SAC
Total/NA	Analysis	537 (Modified)		1			168683	06/11/17 07:13	SBC	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: 320-28800-1
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
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	06-30-19
Florida	NELAP	4	E87570	06-30-18
Georgia	State Program	4	N/A	01-29-18
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	06-30-18
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	06-30-18
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: 320-28800-1

Method	Method Description	Protocol	Laboratory
537 (Modified)	Perfluorinated Hydrocarbons	EPA	TAL SAC

Protocol References:

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: 320-28800-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-28800-1	GroutTruck_Blank_2	Water	06/02/17 09:20	06/05/17 08:39
320-28800-2	ATVRig_Blank	Water	06/02/17 09:55	06/05/17 08:39

TestAmerica Sacramento
180 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: 6/2/17	COC No: 11
CH2M Hill	Tel/Fax:	Lab Contact: Jill Kellmann	Carrier: FedEx	1 of 1 COCs
3600 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.:
PO #: 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:
Grout Truck-Blank-2	6/2/17	0920	G	W	2	N	N	X	Tank on grouting truck
ATV Rig-Blank	↓	0955	↓	↓	↓	↓	↓	↓	Tank on ATV HSA rig

320-28800 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 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

Custody Seals Intact: ☐Yes ☐No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: 6.7 Corr'd: 6.7		Therm ID No.: A12-1 melt water
Relinquished by: Bryan Blank	Company: CH2M Hill	Date/Time: 6/2/17 1000	Received by: Troy G. Turpen	Company: TAWS	Date/Time: 6/5/17 0920
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: 320-28800-1

Login Number: 28800
List Number: 1
Creator: Nelson, Kym D

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.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	6.7
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	
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: 320-28800-1

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.
David R Alltucker
Project Manager I
6/23/2017 3:18 PM

Designee for
Jill Kellmann, Manager of Project Management
880 Riverside Parkway, West Sacramento, CA, 95605
(916)374-4402
jill.kellmann@testamericainc.com
06/23/2017

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Qualifiers

LCMS

Qualifier	Qualifier Description
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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.
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CFL	Contains Free Liquid
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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: 320-28800-1

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 West 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 West 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 06/05/2017; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 6.7 C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria at 6.7º C.. GroutTruck_Blank_2 (320-28800-1) and ATVRig_Blank (320-28800-2). The cooler originally had a label for Saturday delivery 6/3/17, but there was another label placed over that for Monday delivery 6/5/17. It should be noted that while the laboratory receipt policy is to have samples received between 0-6 degrees Celsius, method 537 states that samples should be received as less than 10 degrees Celsius, which these were.

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.

The following sample is an ATVRig_Blank sample and had detections for Perfluorooctanoic acid (PFOA): ATVRig_Blank (320-28800-2). This sample was re-analyzed and the detections were confirmed. The original analysis is reported.

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: 320-28800-1

Client Sample ID: GroutTruck_Blank_2 — Lab Sample ID: 320-28800-1

No Detections.

Client Sample ID: ATVRig_Blank — Lab Sample ID: 320-28800-2

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	1.2	J M	2.6	0.77	ng/L	1		537 (Modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: GroutTruck_Blank_2

Lab Sample ID: 320-28800-1

Date Collected: 06/02/17 09:20

Matrix: Water

Date Received: 06/05/17 08:39

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	2.1	U	2.6	0.77	ng/L		06/09/17 10:13	06/11/17 07:05	1
Perfluorooctanesulfonic acid (PFOS)	3.1	U	4.1	1.3	ng/L		06/09/17 10:13	06/11/17 07:05	1
Perfluorobutanesulfonic acid (PFBS)	2.1	U	2.6	0.94	ng/L		06/09/17 10:13	06/11/17 07:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*91*		*25 - 150*	*06/09/17 10:13*	*06/11/17 07:05*	*1*
13C4 PFOS	*108*		*25 - 150*	*06/09/17 10:13*	*06/11/17 07:05*	*1*
18O2 PFHxS	*127*		*25 - 150*	*06/09/17 10:13*	*06/11/17 07:05*	*1*

Client Sample ID: ATVRig_Blank

Lab Sample ID: 320-28800-2

Date Collected: 06/02/17 09:55

Matrix: Water

Date Received: 06/05/17 08:39

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**1.2**	**J M**	2.6	0.77	ng/L		06/09/17 10:13	06/11/17 07:13	1
Perfluorooctanesulfonic acid (PFOS)	3.1	U M	4.1	1.3	ng/L		06/09/17 10:13	06/11/17 07:13	1
Perfluorobutanesulfonic acid (PFBS)	2.1	U M	2.6	0.95	ng/L		06/09/17 10:13	06/11/17 07:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*69*		*25 - 150*	*06/09/17 10:13*	*06/11/17 07:13*	*1*
13C4 PFOS	*110*		*25 - 150*	*06/09/17 10:13*	*06/11/17 07:13*	*1*
18O2 PFHxS	*124*		*25 - 150*	*06/09/17 10:13*	*06/11/17 07:13*	*1*

Default Detection Limits

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

TestAmerica Job ID: 320-28800-1

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)

Isotope Dilution Summary

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

TestAmerica Job ID: 320-28800-1

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)								
		3C4 PFOA	3C4 PFOS	18O2 PFHxS						
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)						
320-28800-1	GroutTruck_Blank_2	91	108	127						
320-28800-2	ATVRig_Blank	69	110	124						
LCS 320-168463/2-A	Lab Control Sample	136	94	109						
LCSD 320-168463/3-A	Lab Control Sample Dup	125	114	118						
MB 320-168463/1-A	Method Blank	129	110	119						

Surrogate Legend

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

Method: 537 (Modified) - Perfluorinated Hydrocarbons

Lab Sample ID: MB 320-168463/1-A
Matrix: Water
Analysis Batch: 169055

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168463

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		06/09/17 10:13	06/13/17 11:46	1
Perfluorooctanesulfonic acid (PFOS)	3.0	U	4.0	1.3	ng/L		06/09/17 10:13	06/13/17 11:46	1
Perfluorobutanesulfonic acid (PFBS)	2.0	U	2.5	0.92	ng/L		06/09/17 10:13	06/13/17 11:46	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFOA	*129*		*25 - 150*	*06/09/17 10:13*	*06/13/17 11:46*	*1*
13C4 PFOS	*110*		*25 - 150*	*06/09/17 10:13*	*06/13/17 11:46*	*1*
18O2 PFHxS	*119*		*25 - 150*	*06/09/17 10:13*	*06/13/17 11:46*	*1*

Lab Sample ID: LCS 320-168463/2-A
Matrix: Water
Analysis Batch: 168683

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168463

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanoic acid (PFOA)	40.0	41.1		ng/L		103	60 - 140
Perfluorooctanesulfonic acid (PFOS)	37.1	39.7		ng/L		107	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.4	42.7		ng/L		121	50 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFOA	*136*		*25 - 150*
13C4 PFOS	*94*		*25 - 150*
18O2 PFHxS	*109*		*25 - 150*

Lab Sample ID: LCSD 320-168463/3-A
Matrix: Water
Analysis Batch: 169055

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168463

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)	40.0	39.9		ng/L		100	60 - 140	3	30
Perfluorooctanesulfonic acid (PFOS)	37.1	37.1		ng/L		100	60 - 140	7	30
Perfluorobutanesulfonic acid (PFBS)	35.4	39.1		ng/L		111	50 - 150	9	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFOA	*125*		*25 - 150*
13C4 PFOS	*114*		*25 - 150*
18O2 PFHxS	*118*		*25 - 150*

LCMS

Prep Batch: 168463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28800-1	GroutTruck_Blank_2	Total/NA	Water	3535	
320-28800-2	ATVRig_Blank	Total/NA	Water	3535	
MB 320-168463/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-168463/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-168463/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 168683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-28800-1	GroutTruck_Blank_2	Total/NA	Water	537 (Modified)	168463
320-28800-2	ATVRig_Blank	Total/NA	Water	537 (Modified)	168463
LCS 320-168463/2-A	Lab Control Sample	Total/NA	Water	537 (Modified)	168463

Analysis Batch: 169055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 320-168463/1-A	Method Blank	Total/NA	Water	537 (Modified)	168463
LCSD 320-168463/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Modified)	168463

Lab Chronicle

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

TestAmerica Job ID: 320-28800-1

Client Sample ID: GroutTruck_Blank_2

Lab Sample ID: 320-28800-1

Date Collected: 06/02/17 09:20

Matrix: Water

Date Received: 06/05/17 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			168463	06/09/17 10:13	CCB	TAL SAC
Total/NA	Analysis	537 (Modified)		1	168683	06/11/17 07:05	SBC	TAL SAC

Client Sample ID: ATVRig_Blank

Lab Sample ID: 320-28800-2

Date Collected: 06/02/17 09:55

Matrix: Water

Date Received: 06/05/17 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			168463	06/09/17 10:13	CCB	TAL SAC
Total/NA	Analysis	537 (Modified)		1	168683	06/11/17 07:13	SBC	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: 320-28800-1
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
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	06-30-19
Florida	NELAP	4	E87570	06-30-18
Georgia	State Program	4	N/A	01-29-18
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	06-30-18
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	06-30-18
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: 320-28800-1

Method	Method Description	Protocol	Laboratory
537 (Modified)	Perfluorinated Hydrocarbons	EPA	TAL SAC

Protocol References:

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: 320-28800-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-28800-1	GroutTruck_Blank_2	Water	06/02/17 09:20	06/05/17 08:39
320-28800-2	ATVRig_Blank	Water	06/02/17 09:55	06/05/17 08:39

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Instrument ID: A8_N Analysis Batch Number: 167755

Lab Sample ID: IC 320-167755/4 Client Sample ID:

Date Analyzed: 06/06/17 13:47 Lab File ID: 2017.06.06CURVE_005.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorobutanesulfonic acid (PFBS)	2.12	Incomplete Integration	chandrasenas	06/06/17 14:52

537 (Modified)

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Instrument ID: A8_N Analysis Batch Number: 168683

Lab Sample ID: 320-28800-2 Client Sample ID: ATVRig_Blank

Date Analyzed: 06/11/17 07:13 Lab File ID: 2017.06.10B_043.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorobutanesulfonic acid (PFBS)	2.25	Baseline	chandrasenas	06/12/17 16:59
Perfluorooctanoic acid (PFOA)	3.35	Isomers	chandrasenas	06/12/17 16:59
Perfluorooctanesulfonic acid (PFOS)	3.73	Baseline	chandrasenas	06/12/17 16:59

537 (Modified)

LCMS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Instrument ID: A8_N Analysis Batch Number: 168697

Lab Sample ID: IC 320-168697/3 Client Sample ID:

Date Analyzed: 06/11/17 14:55 Lab File ID: 2017.06.11AA_003.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorononanoic acid (PFNA)	3.74	Baseline	chandrasenas	06/12/17 09:46

Lab Sample ID: IC 320-168697/4 Client Sample ID:

Date Analyzed: 06/11/17 15:03 Lab File ID: 2017.06.11AA_004.d GC Column: GeminiC18 3x1 ID: 3(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Perfluorononanoic acid (PFNA)	3.76	Baseline	chandrasenas	06/12/17 09:46

537 (Modified)

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
LCM2-4:2FTSIC_00002	08/06/17	05/26/17	MeOH/H2O, Lot 09285	5000 uL	LCPFC-IS_00002	1000 uL	13C2-PFOA	50 ng/mL
.LCPFC-IS_00002	11/24/17	05/24/17	Methanol, Lot 090285	30000 uL	LCM2PFOA_00006	150 uL	13C2-PFOA	0.25 ug/mL
..LCM2PFOA_00006	02/12/21	Wellington Laboratories, Lot M2PFOA0216			(Purchased Reagent)		13C2-PFOA	50 ug/mL
LCMPFCSU_00072	12/08/17	06/08/17	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_00004	09/02/17	06/01/17	MeOH/H2O, Lot 90285	5000 uL	LCMPFC2SU_00019	250 uL	d-N-EtFOSA-M	50 ng/mL
							d-N-MeFOSA-M	50 ng/mL
							d3-NMeFOSAA	50 ng/mL
							d5-NEtFOSAA	50 ng/mL
							M2-6:2FTS	47.5 ng/mL
							M2-8:2FTS	47.9 ng/mL
					LCMPFCSU_00069	250 uL	13C2-PFHxDA	50 ng/mL
							13C2-PFTeDA	50 ng/mL
							13C4-PFHpA	50 ng/mL
							13C5-PFPeA	50 ng/mL
							13C8 FOSA	50 ng/mL
							13C4 PFBA	50 ng/mL
							13C2 PFDA	50 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							13C2 PFDoA	50 ng/mL
							13C2 PFHxA	50 ng/mL
							18O2 PFHxS	47.3 ng/mL
							13C5 PFNA	50 ng/mL
							13C4 PFOA	50 ng/mL
							13C4 PFOS	47.8 ng/mL
							13C2 PFUnA	50 ng/mL
					LCPFC2SP_00031	25 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	0.467 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	0.474 ng/mL
							Sodium 1H,1H,2H,2H-perfluorodecane sulfonate (8:2)	0.479 ng/mL
							N-ethylperfluoro-1-octanesulfonamide	0.5 ng/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	0.5 ng/mL
							MeFOSA	0.5 ng/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	0.5 ng/mL
					LCPFCIS_00002	50 uL	13C2-PFOA	50 ng/mL
					LCPFCSP_00098	25 uL	Perfluorobutyric acid	0.5 ng/mL
							Perfluorobutanesulfonic acid (PFBS)	0.442 ng/mL
							Perfluorodecanoic acid	0.5 ng/mL
							Perfluorododecanoic acid	0.5 ng/mL
							Perfluorodecane Sulfonic acid	0.482 ng/mL
							Perfluoroheptanoic acid	0.5 ng/mL
							Perfluoroheptanesulfonic Acid	0.476 ng/mL
							Perfluorohexanoic acid	0.5 ng/mL
							Perfluorohexadecanoic acid	0.5 ng/mL
							Perfluorohexanesulfonic acid	0.455 ng/mL
							Perfluorononanoic acid	0.5 ng/mL
							Perfluorooctanoic acid (PFOA)	0.5 ng/mL
							Perfluorooctadecanoic acid	0.5 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	0.464 ng/mL
							Perfluorooctane Sulfonamide	0.5 ng/mL
							Perfluoropentanoic acid	0.5 ng/mL
							Perfluorotetradecanoic acid	0.5 ng/mL
							Perfluorotridecanoic acid	0.5 ng/mL
							Perfluoroundecanoic acid	0.5 ng/mL
.LCMPFC2SU_00019	11/30/17	05/30/17	Methanol, Lot 104453	5000 uL	LCd-NEtFOSA-M_00005	100 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00004	100 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00004	100 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00004	100 uL	d5-NEtFOSAA	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCM2-6:FTS_00004	100 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00004	100 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00005	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00004	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00004	11/22/21	WELLINGTON, Lot d3NMeFOSAA1116			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00004	11/22/21	WELLINGTON, Lot d5NEtFOSAA1116			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00004	02/17/22	WELLINGTON, Lot M262FTS0217			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00004	08/22/21	WELLINGTON, Lot M282FTS0816			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00069	11/24/17	05/24/17	Methanol, Lot Baker 141039	10000 uL	LCM2PFHxDA_00009	200 uL	13C2-PFHxDA	1 ug/mL
					LCM2PFTeDA_00008	200 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00008	200 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00009	200 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00012	200 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00009	200 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00013	200 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00009	200 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00014	200 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00009	200 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00009	200 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00013	200 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00020	200 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00010	200 uL	13C2 PFUnA	1 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
..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
.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-perfluorodecane sulfonate (8:2)	0.0958 ug/mL
							N-ethylperfluoro-1-octanesulfonamide	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

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-perfluorodecane 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-perfluorodecane 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_00098	09/02/17	06/01/17	Methanol, Lot 157237	10000 uL	LCPFCSP_00096	1000 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.: 320-28800-1

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_00096	09/02/17	05/24/17	Methanol, Lot 090285	10000 uL	LCPFBA_00006	200 uL	Perfluorobutyric acid	1 ug/mL
					LCPFBS_00006	200 uL	Perfluorobutanesulfonic acid (PFBS)	0.884 ug/mL
					LCPFDA_00006	200 uL	Perfluorodecanoic acid	1 ug/mL
					LCPFDoA_00006	200 uL	Perfluorododecanoic acid	1 ug/mL
					LCPFDS_00005	200 uL	Perfluorodecane Sulfonic acid	0.964 ug/mL
					LCPFHpA_00006	200 uL	Perfluoroheptanoic acid	1 ug/mL
					LCPFHpS_00010	200 uL	Perfluoroheptanesulfonic Acid	0.952 ug/mL
					LCPFHxA_00005	200 uL	Perfluorohexanoic acid	1 ug/mL
					LCPFHxDA_00007	200 uL	Perfluorohexadecanoic acid	1 ug/mL
					LCPFHxS-br_00003	200 uL	Perfluorohexanesulfonic acid	0.91 ug/mL
					LCPFNA_00007	200 uL	Perfluorononanoic acid	1 ug/mL
					LCPFOA_00007	200 uL	Perfluorooctanoic acid (PFOA)	1 ug/mL
					LCPFODA_00007	200 uL	Perfluorooctadecanoic acid	1 ug/mL
					LCPFOS-br_00003	200 uL	Perfluorooctanesulfonic acid (PFOS)	0.928 ug/mL
					LCPFOSA_00009	200 uL	Perfluorooctane Sulfonamide	1 ug/mL
					LCPFPeA_00006	200 uL	Perfluoropentanoic acid	1 ug/mL
					LCPFTeDA_00005	200 uL	Perfluorotetradecanoic acid	1 ug/mL
					LCPFTrDA_00005	200 uL	Perfluorotridecanoic acid	1 ug/mL
					LCPFUdA_00006	200 uL	Perfluoroundecanoic acid	1 ug/mL
...LCPFBA_00006	05/27/21	Wellington Laboratories, Lot PFBA0516			(Purchased Reagent)		Perfluorobutyric acid	50 ug/mL
...LCPFBS_00006	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_00005	07/02/20	Wellington Laboratories, Lot LPFDS0615			(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_00010	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_00007	05/25/21	Wellington Laboratories, Lot PFHxDA0516			(Purchased Reagent)		Perfluorohexadecanoic acid	50 ug/mL
...LCPFHxS-br_00003	07/03/20	Wellington Laboratories, Lot brPFHxSK0615			(Purchased Reagent)		Perfluorohexanesulfonic acid	45.5 ug/mL
...LCPFNA_00007	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_00007	04/29/21	Wellington Laboratories, Lot PFODA0416			(Purchased Reagent)		Perfluorooctadecanoic acid	50 ug/mL
...LCPFOS-br_00003	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
...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_00006	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					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
.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-L2_00005	09/02/17	06/01/17	MeOH/H2O, Lot 090285	5 mL	LCMPFC2SU_00019	250 uL	d-N-EtFOSA-M	50 ng/mL
							d-N-MeFOSA-M	50 ng/mL
							d3-NMeFOSAA	50 ng/mL
							d5-NEtFOSAA	50 ng/mL
							M2-6:2FTS	47.5 ng/mL
							M2-8:2FTS	47.9 ng/mL
					LCMPFCSU_00069	250 uL	13C2-PFHxDA	50 ng/mL
							13C2-PFTeDA	50 ng/mL
							13C4-PFHpA	50 ng/mL
							13C5-PFPeA	50 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							13C8 FOSA	50 ng/mL
							13C4 PFBA	50 ng/mL
							13C2 PFDA	50 ng/mL
							13C2 PFDoA	50 ng/mL
							13C2 PFHxA	50 ng/mL
							18O2 PFHxS	47.3 ng/mL
							13C5 PFNA	50 ng/mL
							13C4 PFOA	50 ng/mL
							13C4 PFOS	47.8 ng/mL
							13C2 PFUnA	50 ng/mL
					LCPFC2SP_00031	50 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	0.934 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	0.948 ng/mL
							Sodium 1H,1H,2H,2H-perfluorodecane sulfonate (8:2)	0.958 ng/mL
							N-ethylperfluoro-1-octanesulfonamide	1 ng/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	1 ng/mL
							MeFOSA	1 ng/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	1 ng/mL
					LCPFCIS_00002	50 uL	13C2-PFOA	50 ng/mL
					LCPFCSP_00098	50 uL	Perfluorobutyric acid	1 ng/mL
							Perfluorobutanesulfonic acid (PFBS)	0.884 ng/mL
							Perfluorodecanoic acid	1 ng/mL
							Perfluorododecanoic acid	1 ng/mL
							Perfluorodecane Sulfonic acid	0.964 ng/mL
							Perfluoroheptanoic acid	1 ng/mL
							Perfluoroheptanesulfonic Acid	0.952 ng/mL
							Perfluorohexanoic acid	1 ng/mL
							Perfluorohexadecanoic acid	1 ng/mL
							Perfluorohexanesulfonic acid	0.91 ng/mL
							Perfluorononanoic acid	1 ng/mL
							Perfluorooctanoic acid (PFOA)	1 ng/mL
							Perfluorooctadecanoic acid	1 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	0.928 ng/mL
							Perfluorooctane Sulfonamide	1 ng/mL
							Perfluoropentanoic acid	1 ng/mL
							Perfluorotetradecanoic acid	1 ng/mL
							Perfluorotridecanoic acid	1 ng/mL
							Perfluoroundecanoic acid	1 ng/mL
.LCMPFC2SU_00019	11/30/17	05/30/17	Methanol, Lot 104453	5000 uL	LCd-NEtFOSA-M_00005	100 uL	d-N-EtFOSA-M	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCd-NMeFOSA-M_00004	100 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00004	100 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00004	100 uL	d5-NEtFOSAA	1 ug/mL
					LCM2-6:FTS_00004	100 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00004	100 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00005	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00004	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00004	11/22/21	WELLINGTON, Lot d3NMeFOSAA1116			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00004	11/22/21	WELLINGTON, Lot d5NEtFOSAA1116			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00004	02/17/22	WELLINGTON, Lot M262FTS0217			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00004	08/22/21	WELLINGTON, Lot M282FTS0816			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00069	11/24/17	05/24/17	Methanol, Lot Baker 141039	10000 uL	LCM2PFHxDA_00009	200 uL	13C2-PFHxDA	1 ug/mL
					LCM2PFTeDA_00008	200 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00008	200 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00009	200 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00012	200 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00009	200 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00013	200 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00009	200 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00014	200 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00009	200 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00009	200 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00013	200 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00020	200 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00010	200 uL	13C2 PFUnA	1 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
..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
.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

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

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-perfluorodecane 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-perfluorodecane 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-perfluorodecane 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_00098	09/02/17	06/01/17	Methanol, Lot 157237	10000 uL	LCPFCSP_00096	1000 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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00096	09/02/17	05/24/17	Methanol, Lot 090285	10000 uL	LCPFBA_00006	200 uL	Perfluorobutyric acid	1 ug/mL
					LCPFBS_00006	200 uL	Perfluorobutanesulfonic acid (PFBS)	0.884 ug/mL
					LCPFDA_00006	200 uL	Perfluorodecanoic acid	1 ug/mL
					LCPFDoA_00006	200 uL	Perfluorododecanoic acid	1 ug/mL
					LCPFDS_00005	200 uL	Perfluorodecane Sulfonic acid	0.964 ug/mL
					LCPFHpA_00006	200 uL	Perfluoroheptanoic acid	1 ug/mL
					LCPFHpS_00010	200 uL	Perfluoroheptanesulfonic Acid	0.952 ug/mL
					LCPFHxA_00005	200 uL	Perfluorohexanoic acid	1 ug/mL
					LCPFHxDA_00007	200 uL	Perfluorohexadecanoic acid	1 ug/mL
					LCPFHxS-br_00003	200 uL	Perfluorohexanesulfonic acid	0.91 ug/mL
					LCPFNA_00007	200 uL	Perfluorononanoic acid	1 ug/mL
					LCPFOA_00007	200 uL	Perfluorooctanoic acid (PFOA)	1 ug/mL
					LCPFODA_00007	200 uL	Perfluorooctadecanoic acid	1 ug/mL
					LCPFOS-br_00003	200 uL	Perfluorooctanesulfonic acid (PFOS)	0.928 ug/mL
					LCPFOSA_00009	200 uL	Perfluorooctane Sulfonamide	1 ug/mL
					LCPFPeA_00006	200 uL	Perfluoropentanoic acid	1 ug/mL
					LCPFTeDA_00005	200 uL	Perfluorotetradecanoic acid	1 ug/mL
					LCPFTrDA_00005	200 uL	Perfluorotridecanoic acid	1 ug/mL
					LCPFUdA_00006	200 uL	Perfluoroundecanoic acid	1 ug/mL
...LCPFBA_00006	05/27/21	Wellington Laboratories, Lot PFBA0516			(Purchased Reagent)		Perfluorobutyric acid	50 ug/mL
...LCPFBS_00006	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_00005	07/02/20	Wellington Laboratories, Lot LPFDS0615			(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_00010	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_00007	05/25/21	Wellington Laboratories, Lot PFHxDA0516			(Purchased Reagent)		Perfluorohexadecanoic acid	50 ug/mL
...LCPFHxS-br_00003	07/03/20	Wellington Laboratories, Lot brPFHxSK0615			(Purchased Reagent)		Perfluorohexanesulfonic acid	45.5 ug/mL
...LCPFNA_00007	10/23/20	Wellington Laboratories, Lot PFNA1015			(Purchased Reagent)		Perfluorononanoic acid	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
...LCPFOA_00007	08/02/21	Wellington Laboratories, Lot PFOA0716			(Purchased Reagent)		Perfluorooctanoic acid (PFOA)	50 ug/mL
...LCPFODA_00007	04/29/21	Wellington Laboratories, Lot PFODA0416			(Purchased Reagent)		Perfluorooctadecanoic acid	50 ug/mL
...LCPFOS-br_00003	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_00006	08/19/20	Wellington Laboratories, Lot PFUdA0815			(Purchased Reagent)		Perfluoroundecanoic acid	50 ug/mL
LCPFC_FULL-L3_00004	09/02/17	06/01/17	MeOH/H2O, Lot 090285	5000 uL	LCMPFC2SU_00019	250 uL	d-N-EtFOSA-M	50 ng/mL
							d-N-MeFOSA-M	50 ng/mL
							d3-NMeFOSAA	50 ng/mL
							d5-NEtFOSAA	50 ng/mL
							M2-6:2FTS	47.5 ng/mL
							M2-8:2FTS	47.9 ng/mL
					LCMPFCSU_00069	250 uL	13C2-PFHxDA	50 ng/mL
							13C2-PFTeDA	50 ng/mL
							13C4-PFHpA	50 ng/mL
							13C5-PFPeA	50 ng/mL
							13C8 FOSA	50 ng/mL
							13C4 PFBA	50 ng/mL
							13C2 PFDA	50 ng/mL
							13C2 PFDoA	50 ng/mL
							13C2 PFHxA	50 ng/mL
							18O2 PFHxS	47.3 ng/mL
							13C5 PFNA	50 ng/mL
							13C4 PFOA	50 ng/mL
							13C4 PFOS	47.8 ng/mL
							13C2 PFUnA	50 ng/mL
					LCPFC2SP_00031	250 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	4.67 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	4.74 ng/mL
							Sodium 1H,1H,2H,2H-perfluorodecane sulfonate (8:2)	4.79 ng/mL
							N-ethylperfluoro-1-octanesulfonamide	5 ng/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	5 ng/mL
							MeFOSA	5 ng/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	5 ng/mL
					LCPFCIS_00002	50 uL	13C2-PFOA	50 ng/mL
					LCPFCSP_00098	250 uL	Perfluorobutyric acid	5 ng/mL
							Perfluorobutanesulfonic acid (PFBS)	4.42 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluorodecanoic acid	5 ng/mL
							Perfluorododecanoic acid	5 ng/mL
							Perfluorodecane Sulfonic acid	4.82 ng/mL
							Perfluoroheptanoic acid	5 ng/mL
							Perfluoroheptanesulfonic Acid	4.76 ng/mL
							Perfluorohexanoic acid	5 ng/mL
							Perfluorohexadecanoic acid	5 ng/mL
							Perfluorohexanesulfonic acid	4.55 ng/mL
							Perfluorononanoic acid	5 ng/mL
							Perfluorooctanoic acid (PFOA)	5 ng/mL
							Perfluorooctadecanoic acid	5 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	4.64 ng/mL
							Perfluorooctane Sulfonamide	5 ng/mL
							Perfluoropentanoic acid	5 ng/mL
							Perfluorotetradecanoic acid	5 ng/mL
							Perfluorotridecanoic acid	5 ng/mL
							Perfluoroundecanoic acid	5 ng/mL
.LCMPFC2SU_00019	11/30/17	05/30/17	Methanol, Lot 104453	5000 uL	LCd-NEtFOSA-M_00005	100 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00004	100 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00004	100 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00004	100 uL	d5-NEtFOSAA	1 ug/mL
					LCM2-6:FTS_00004	100 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00004	100 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00005	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00004	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00004	11/22/21	WELLINGTON, Lot d3NMeFOSAA1116			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00004	11/22/21	WELLINGTON, Lot d5NEtFOSAA1116			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00004	02/17/22	WELLINGTON, Lot M262FTS0217			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00004	08/22/21	WELLINGTON, Lot M282FTS0816			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00069	11/24/17	05/24/17	Methanol, Lot Baker 141039	10000 uL	LCM2PFHxDA_00009	200 uL	13C2-PFHxDA	1 ug/mL
					LCM2PFTeDA_00008	200 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00008	200 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00009	200 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00012	200 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00009	200 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00013	200 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00009	200 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00014	200 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00009	200 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00009	200 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00013	200 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00020	200 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00010	200 uL	13C2 PFUnA	1 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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..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
..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
.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-perfluorodecane 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-perfluorodecane 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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
...LC8:2FTS_00002	10/23/20	WELLINGTON, Lot 82FTS1015			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorodecane 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_00098	09/02/17	06/01/17	Methanol, Lot 157237	10000 uL	LCPFCSP_00096	1000 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_00096	09/02/17	05/24/17	Methanol, Lot 090285	10000 uL	LCPFBA_00006	200 uL	Perfluorobutyric acid	1 ug/mL
					LCPFBS_00006	200 uL	Perfluorobutanesulfonic acid (PFBS)	0.884 ug/mL
					LCPFDA_00006	200 uL	Perfluorodecanoic acid	1 ug/mL
					LCPFDoA_00006	200 uL	Perfluorododecanoic acid	1 ug/mL
					LCPFDS_00005	200 uL	Perfluorodecane Sulfonic acid	0.964 ug/mL
					LCPFHpA_00006	200 uL	Perfluoroheptanoic acid	1 ug/mL
					LCPFHpS_00010	200 uL	Perfluoroheptanesulfonic Acid	0.952 ug/mL
					LCPFHxA_00005	200 uL	Perfluorohexanoic acid	1 ug/mL
					LCPFHxDA_00007	200 uL	Perfluorohexadecanoic acid	1 ug/mL
					LCPFHxS-br_00003	200 uL	Perfluorohexanesulfonic acid	0.91 ug/mL
					LCPFNA_00007	200 uL	Perfluorononanoic acid	1 ug/mL
					LCPFOA_00007	200 uL	Perfluorooctanoic acid (PFOA)	1 ug/mL
					LCPFODA_00007	200 uL	Perfluorooctadecanoic acid	1 ug/mL
					LCPFOS-br_00003	200 uL	Perfluorooctanesulfonic acid (PFOS)	0.928 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCPFOSA_00009	200 uL	Perfluorooctane Sulfonamide	1 ug/mL
					LCPFPeA_00006	200 uL	Perfluoropentanoic acid	1 ug/mL
					LCPFTeDA_00005	200 uL	Perfluorotetradecanoic acid	1 ug/mL
					LCPFTrDA_00005	200 uL	Perfluorotridecanoic acid	1 ug/mL
					LCPFUdA_00006	200 uL	Perfluoroundecanoic acid	1 ug/mL
...LCPFBA_00006	05/27/21	Wellington Laboratories, Lot PFBA0516			(Purchased Reagent)		Perfluorobutyric acid	50 ug/mL
...LCPFBS_00006	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_00005	07/02/20	Wellington Laboratories, Lot LPFDS0615			(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_00010	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_00007	05/25/21	Wellington Laboratories, Lot PFHxDA0516			(Purchased Reagent)		Perfluorohexadecanoic acid	50 ug/mL
...LCPFHxS-br_00003	07/03/20	Wellington Laboratories, Lot brPFHxSK0615			(Purchased Reagent)		Perfluorohexanesulfonic acid	45.5 ug/mL
...LCPFNA_00007	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_00007	04/29/21	Wellington Laboratories, Lot PFODA0416			(Purchased Reagent)		Perfluorooctadecanoic acid	50 ug/mL
...LCPFOS-br_00003	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_00006	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	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
					LCPFCSP_00086	200 uL	Perfluorobutanesulfonic acid (PFBS)	17.505 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluorooctanoic acid (PFOA)	19.802 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	18.3762 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
.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

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

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
..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-L4_00005	09/02/17	05/30/17	MeOH/H2O, Lot 090285	5000 uL	LCMPFC2SU_00019	250 uL	d-N-EtFOSA-M	50 ng/mL
							d-N-MeFOSA-M	50 ng/mL
							d3-NMeFOSAA	50 ng/mL
							d5-NEtFOSAA	50 ng/mL
							M2-6:2FTS	47.5 ng/mL
							M2-8:2FTS	47.9 ng/mL
					LCMPFCSU_00069	250 uL	13C2-PFHxDA	50 ng/mL
							13C2-PFTeDA	50 ng/mL
							13C4-PFHpA	50 ng/mL
							13C5-PFPeA	50 ng/mL
							13C8 FOSA	50 ng/mL
							13C4 PFBA	50 ng/mL
							13C2 PFDA	50 ng/mL
							13C2 PFDoA	50 ng/mL
							13C2 PFHxA	50 ng/mL
							18O2 PFHxS	47.3 ng/mL
							13C5 PFNA	50 ng/mL
							13C4 PFOA	50 ng/mL
							13C4 PFOS	47.8 ng/mL
							13C2 PFUnA	50 ng/mL
					LCPFC2SP_00030	100 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	18.68 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	18.96 ng/mL
							Sodium 1H,1H,2H,2H-perfluorodecane sulfonate (8:2)	19.16 ng/mL
							N-ethylperfluoro-1-octanesulfonamide	20 ng/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	20 ng/mL
							MeFOSA	20 ng/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	20 ng/mL
					LCPFCIS_00002	50 uL	13C2-PFOA	50 ng/mL
					LCPFCSP_00096	100 uL	Perfluorobutyric acid	20 ng/mL
							Perfluorobutanesulfonic acid (PFBS)	17.68 ng/mL
							Perfluorodecanoic acid	20 ng/mL
							Perfluorododecanoic acid	20 ng/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluorodecane Sulfonic acid	19.28 ng/mL
							Perfluoroheptanoic acid	20 ng/mL
							Perfluoroheptanesulfonic Acid	19.04 ng/mL
							Perfluorohexanoic acid	20 ng/mL
							Perfluorohexadecanoic acid	20 ng/mL
							Perfluorohexanesulfonic acid	18.2 ng/mL
							Perfluorononanoic acid	20 ng/mL
							Perfluorooctanoic acid (PFOA)	20 ng/mL
							Perfluorooctadecanoic acid	20 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	18.56 ng/mL
							Perfluorooctane Sulfonamide	20 ng/mL
							Perfluoropentanoic acid	20 ng/mL
							Perfluorotetradecanoic acid	20 ng/mL
							Perfluorotridecanoic acid	20 ng/mL
							Perfluoroundecanoic acid	20 ng/mL
.LCMPFC2SU_00019	11/30/17	05/30/17	Methanol, Lot 104453	5000 uL	LCd-NEtFOSA-M_00005	100 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00004	100 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00004	100 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00004	100 uL	d5-NEtFOSAA	1 ug/mL
					LCM2-6:FTS_00004	100 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00004	100 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00005	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00004	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00004	11/22/21	WELLINGTON, Lot d3NMeFOSAA1116			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00004	11/22/21	WELLINGTON, Lot d5NEtFOSAA1116			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00004	02/17/22	WELLINGTON, Lot M262FTS0217			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00004	08/22/21	WELLINGTON, Lot M282FTS0816			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00069	11/24/17	05/24/17	Methanol, Lot Baker 141039	10000 uL	LCM2PFHxDA_00009	200 uL	13C2-PFHxDA	1 ug/mL
					LCM2PFTeDA_00008	200 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00008	200 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00009	200 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00012	200 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00009	200 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00013	200 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00009	200 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00014	200 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00009	200 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00009	200 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00013	200 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00020	200 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00010	200 uL	13C2 PFUnA	1 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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..LCMPFBA_00009	05/24/21	Wellington Laboratories, Lot MPFBA0516			(Purchased Reagent)		13C4 PFBA	50 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
.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-perfluorodecane 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-perfluorodecane 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_00096	09/02/17	05/24/17	Methanol, Lot 090285	10000 uL	LCPFBA_00006	200 uL	Perfluorobutyric acid	1 ug/mL
					LCPFBS_00006	200 uL	Perfluorobutanesulfonic acid (PFBS)	0.884 ug/mL
					LCPFDA_00006	200 uL	Perfluorodecanoic acid	1 ug/mL
					LCPFDoA_00006	200 uL	Perfluorododecanoic acid	1 ug/mL
					LCPFDS_00005	200 uL	Perfluorodecane Sulfonic acid	0.964 ug/mL
					LCPFHpA_00006	200 uL	Perfluoroheptanoic acid	1 ug/mL

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCPFHpS_00010	200 uL	Perfluoroheptanesulfonic Acid	0.952 ug/mL
					LCPFHxA_00005	200 uL	Perfluorohexanoic acid	1 ug/mL
					LCPFHxDA_00007	200 uL	Perfluorohexadecanoic acid	1 ug/mL
					LCPFHxS-br_00003	200 uL	Perfluorohexanesulfonic acid	0.91 ug/mL
					LCPFNA_00007	200 uL	Perfluorononanoic acid	1 ug/mL
					LCPFOA_00007	200 uL	Perfluorooctanoic acid (PFOA)	1 ug/mL
					LCPFODA_00007	200 uL	Perfluorooctadecanoic acid	1 ug/mL
					LCPFOS-br_00003	200 uL	Perfluorooctanesulfonic acid (PFOS)	0.928 ug/mL
					LCPFOSA_00009	200 uL	Perfluorooctane Sulfonamide	1 ug/mL
					LCPFPeA_00006	200 uL	Perfluoropentanoic acid	1 ug/mL
					LCPFTeDA_00005	200 uL	Perfluorotetradecanoic acid	1 ug/mL
					LCPFTrDA_00005	200 uL	Perfluorotridecanoic acid	1 ug/mL
					LCPFUdA_00006	200 uL	Perfluoroundecanoic acid	1 ug/mL
..LCPFBA_00006	05/27/21	Wellington Laboratories, Lot PFBA0516			(Purchased Reagent)		Perfluorobutyric acid	50 ug/mL
..LCPFBS_00006	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_00005	07/02/20	Wellington Laboratories, Lot LPFDS0615			(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_00010	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_00007	05/25/21	Wellington Laboratories, Lot PFHxDA0516			(Purchased Reagent)		Perfluorohexadecanoic acid	50 ug/mL
..LCPFHxS-br_00003	07/03/20	Wellington Laboratories, Lot brPFHxSK0615			(Purchased Reagent)		Perfluorohexanesulfonic acid	45.5 ug/mL
..LCPFNA_00007	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_00007	04/29/21	Wellington Laboratories, Lot PFODA0416			(Purchased Reagent)		Perfluorooctadecanoic acid	50 ug/mL
..LCPFOS-br_00003	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_00006	08/19/20	Wellington Laboratories, Lot PFUdA0815			(Purchased Reagent)		Perfluoroundecanoic acid	50 ug/mL
LCPFC_FULL-L5_00004	08/13/17	05/06/17	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00086	500 uL	Perfluorobutanesulfonic acid (PFBS)	43.7624 ng/mL
							Perfluorooctanoic acid (PFOA)	49.505 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	45.9406 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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..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_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
LCPFC_FULL-L5_00005	09/02/17	05/30/17	MeOH/H2O, Lot 090285	5000 uL	LCMPFC2SU_00019	250 uL	d-N-EtFOSA-M	50 ng/mL
							d-N-MeFOSA-M	50 ng/mL
							d3-NMeFOSAA	50 ng/mL
							d5-NEtFOSAA	50 ng/mL
							M2-6:2FTS	47.5 ng/mL
							M2-8:2FTS	47.9 ng/mL
					LCMPFCSU_00069	250 uL	13C2-PFHxDA	50 ng/mL
							13C2-PFTeDA	50 ng/mL
							13C4-PFHpA	50 ng/mL
							13C5-PFPeA	50 ng/mL
							13C8 FOSA	50 ng/mL
							13C4 PFBA	50 ng/mL
							13C2 PFDA	50 ng/mL
							13C2 PFDoA	50 ng/mL
							13C2 PFHxA	50 ng/mL
							18O2 PFHxS	47.3 ng/mL
							13C5 PFNA	50 ng/mL
							13C4 PFOA	50 ng/mL
							13C4 PFOS	47.8 ng/mL
							13C2 PFUnA	50 ng/mL
					LCPFC2SP_00030	250 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	46.7 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	47.4 ng/mL
							Sodium 1H,1H,2H,2H-perfluorodecane sulfonate (8:2)	47.9 ng/mL
							N-ethylperfluoro-1-octanesulfonamide	50 ng/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	50 ng/mL
							MeFOSA	50 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-methyl perfluorooctane sulfonamidoacetic acid	50 ng/mL
					LCPFCIS_00002	50 uL	13C2-PFOA	50 ng/mL
					LCPFCSP_00096	250 uL	Perfluorobutyric acid	50 ng/mL
							Perfluorobutanesulfonic acid (PFBS)	44.2 ng/mL
							Perfluorodecanoic acid	50 ng/mL
							Perfluorododecanoic acid	50 ng/mL
							Perfluorodecane Sulfonic acid	48.2 ng/mL
							Perfluoroheptanoic acid	50 ng/mL
							Perfluoroheptanesulfonic Acid	47.6 ng/mL
							Perfluorohexanoic acid	50 ng/mL
							Perfluorohexadecanoic acid	50 ng/mL
							Perfluorohexanesulfonic acid	45.5 ng/mL
							Perfluorononanoic acid	50 ng/mL
							Perfluorooctanoic acid (PFOA)	50 ng/mL
							Perfluorooctadecanoic acid	50 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	46.4 ng/mL
							Perfluorooctane Sulfonamide	50 ng/mL
							Perfluoropentanoic acid	50 ng/mL
							Perfluorotetradecanoic acid	50 ng/mL
							Perfluorotridecanoic acid	50 ng/mL
							Perfluoroundecanoic acid	50 ng/mL
.LCMPFC2SU_00019	11/30/17	05/30/17	Methanol, Lot 104453	5000 uL	LCd-NEtFOSA-M_00005	100 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00004	100 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00004	100 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00004	100 uL	d5-NEtFOSAA	1 ug/mL
					LCM2-6:FTS_00004	100 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00004	100 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00005	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00004	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00004	11/22/21	WELLINGTON, Lot d3NMeFOSAA1116			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00004	11/22/21	WELLINGTON, Lot d5NEtFOSAA1116			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00004	02/17/22	WELLINGTON, Lot M262FTS0217			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00004	08/22/21	WELLINGTON, Lot M282FTS0816			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00069	11/24/17	05/24/17	Methanol, Lot Baker 141039	10000 uL	LCM2PFHxDA_00009	200 uL	13C2-PFHxDA	1 ug/mL
					LCM2PFTeDA_00008	200 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00008	200 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00009	200 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00012	200 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00009	200 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00013	200 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00009	200 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00014	200 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00009	200 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00009	200 uL	13C5 PFNA	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCMPFOA_00013	200 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00020	200 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00010	200 uL	13C2 PFUnA	1 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
..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
.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-perfluorodecane 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-perfluorodecane 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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..LCM2PFOA_00005	06/19/18	Wellington Laboratories, Lot M2PFOA0613			(Purchased Reagent)		13C2-PFOA	50 ug/mL
.LCPFCSP_00096	09/02/17	05/24/17	Methanol, Lot 090285	10000 uL	LCPFBA_00006	200 uL	Perfluorobutyric acid	1 ug/mL
					LCPFBS_00006	200 uL	Perfluorobutanesulfonic acid (PFBS)	0.884 ug/mL
					LCPFDA_00006	200 uL	Perfluorodecanoic acid	1 ug/mL
					LCPFDoA_00006	200 uL	Perfluorododecanoic acid	1 ug/mL
					LCPFDS_00005	200 uL	Perfluorodecane Sulfonic acid	0.964 ug/mL
					LCPFHpA_00006	200 uL	Perfluoroheptanoic acid	1 ug/mL
					LCPFHpS_00010	200 uL	Perfluoroheptanesulfonic Acid	0.952 ug/mL
					LCPFHxA_00005	200 uL	Perfluorohexanoic acid	1 ug/mL
					LCPFHxDA_00007	200 uL	Perfluorohexadecanoic acid	1 ug/mL
					LCPFHxS-br_00003	200 uL	Perfluorohexanesulfonic acid	0.91 ug/mL
					LCPFNA_00007	200 uL	Perfluorononanoic acid	1 ug/mL
					LCPFOA_00007	200 uL	Perfluorooctanoic acid (PFOA)	1 ug/mL
					LCPFODA_00007	200 uL	Perfluorooctadecanoic acid	1 ug/mL
					LCPFOS-br_00003	200 uL	Perfluorooctanesulfonic acid (PFOS)	0.928 ug/mL
					LCPFOSA_00009	200 uL	Perfluorooctane Sulfonamide	1 ug/mL
					LCPFPeA_00006	200 uL	Perfluoropentanoic acid	1 ug/mL
					LCPFTeDA_00005	200 uL	Perfluorotetradecanoic acid	1 ug/mL
					LCPFTrDA_00005	200 uL	Perfluorotridecanoic acid	1 ug/mL
					LCPFUdA_00006	200 uL	Perfluoroundecanoic acid	1 ug/mL
..LCPFBA_00006	05/27/21	Wellington Laboratories, Lot PFBA0516			(Purchased Reagent)		Perfluorobutyric acid	50 ug/mL
..LCPFBS_00006	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_00005	07/02/20	Wellington Laboratories, Lot LPFDS0615			(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_00010	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_00007	05/25/21	Wellington Laboratories, Lot PFHxDA0516			(Purchased Reagent)		Perfluorohexadecanoic acid	50 ug/mL
..LCPFHxS-br_00003	07/03/20	Wellington Laboratories, Lot brPFHxSK0615			(Purchased Reagent)		Perfluorohexanesulfonic acid	45.5 ug/mL
..LCPFNA_00007	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_00007	04/29/21	Wellington Laboratories, Lot PFODA0416			(Purchased Reagent)		Perfluorooctadecanoic acid	50 ug/mL
..LCPFOS-br_00003	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_00006	08/19/20	Wellington Laboratories, Lot PFUdA0815			(Purchased Reagent)		Perfluoroundecanoic acid	50 ug/mL
LCPFC_FULL-L6_00005	09/02/17	05/30/17	MeOH/H2O, Lot 090285	5000 uL	LCMPFC2SU_00019	250 uL	d-N-EtFOSA-M	50 ng/mL
							d-N-MeFOSA-M	50 ng/mL
							d3-NMeFOSAA	50 ng/mL
							d5-NEtFOSAA	50 ng/mL
							M2-6:2FTS	47.5 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							M2-8:2FTS	47.9 ng/mL
					LCMPFCSU_00069	250 uL	13C2-PFHxDA	50 ng/mL
							13C2-PFTeDA	50 ng/mL
							13C4-PFHpA	50 ng/mL
							13C5-PFPeA	50 ng/mL
							13C8 FOSA	50 ng/mL
							13C4 PFBA	50 ng/mL
							13C2 PFDA	50 ng/mL
							13C2 PFDoA	50 ng/mL
							13C2 PFHxA	50 ng/mL
							18O2 PFHxS	47.3 ng/mL
							13C5 PFNA	50 ng/mL
							13C4 PFOA	50 ng/mL
							13C4 PFOS	47.8 ng/mL
							13C2 PFUnA	50 ng/mL
					LCPFC2SP_00030	500 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	93.4 ng/mL
							Sodium 1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	94.8 ng/mL
							Sodium 1H,1H,2H,2H-perfluorodecane sulfonate (8:2)	95.8 ng/mL
							N-ethylperfluoro-1-octanesulfonamide	100 ng/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	100 ng/mL
							MeFOSA	100 ng/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	100 ng/mL
					LCPFCIS_00002	50 uL	13C2-PFOA	50 ng/mL
					LCPFCSP_00096	500 uL	Perfluorobutyric acid	100 ng/mL
							Perfluorobutanesulfonic acid (PFBS)	88.4 ng/mL
							Perfluorodecanoic acid	100 ng/mL
							Perfluorododecanoic acid	100 ng/mL
							Perfluorodecane Sulfonic acid	96.4 ng/mL
							Perfluoroheptanoic acid	100 ng/mL
							Perfluoroheptanesulfonic Acid	95.2 ng/mL
							Perfluorohexanoic acid	100 ng/mL
							Perfluorohexadecanoic acid	100 ng/mL
							Perfluorohexanesulfonic acid	91 ng/mL
							Perfluorononanoic acid	100 ng/mL
							Perfluorooctanoic acid (PFOA)	100 ng/mL
							Perfluorooctadecanoic acid	100 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	92.8 ng/mL
							Perfluorooctane Sulfonamide	100 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perfluoropentanoic acid	100 ng/mL
							Perfluorotetradecanoic acid	100 ng/mL
							Perfluorotridecanoic acid	100 ng/mL
							Perfluoroundecanoic acid	100 ng/mL
.LCMPFC2SU_00019	11/30/17	05/30/17	Methanol, Lot 104453	5000 uL	LCd-NEtFOSA-M_00005	100 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00004	100 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00004	100 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00004	100 uL	d5-NEtFOSAA	1 ug/mL
					LCM2-6:FTS_00004	100 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00004	100 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00005	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00004	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00004	11/22/21	WELLINGTON, Lot d3NMeFOSAA1116			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00004	11/22/21	WELLINGTON, Lot d5NEtFOSAA1116			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00004	02/17/22	WELLINGTON, Lot M262FTS0217			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00004	08/22/21	WELLINGTON, Lot M282FTS0816			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00069	11/24/17	05/24/17	Methanol, Lot Baker 141039	10000 uL	LCM2PFHxDA_00009	200 uL	13C2-PFHxDA	1 ug/mL
					LCM2PFTeDA_00008	200 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00008	200 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00009	200 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00012	200 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00009	200 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00013	200 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00009	200 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00014	200 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00009	200 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00009	200 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00013	200 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00020	200 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00010	200 uL	13C2 PFUnA	1 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
..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
.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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

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-perfluorodecane 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-perfluorodecane 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_00096	09/02/17	05/24/17	Methanol, Lot 090285	10000 uL	LCPFBA_00006	200 uL	Perfluorobutyric acid	1 ug/mL
					LCPFBS_00006	200 uL	Perfluorobutanesulfonic acid (PFBS)	0.884 ug/mL
					LCPFDA_00006	200 uL	Perfluorodecanoic acid	1 ug/mL
					LCPFDoA_00006	200 uL	Perfluorododecanoic acid	1 ug/mL
					LCPFDS_00005	200 uL	Perfluorodecane Sulfonic acid	0.964 ug/mL
					LCPFHpA_00006	200 uL	Perfluoroheptanoic acid	1 ug/mL
					LCPFHpS_00010	200 uL	Perfluoroheptanesulfonic Acid	0.952 ug/mL
					LCPFHxA_00005	200 uL	Perfluorohexanoic acid	1 ug/mL
					LCPFHxDA_00007	200 uL	Perfluorohexadecanoic acid	1 ug/mL
					LCPFHxS-br_00003	200 uL	Perfluorohexanesulfonic acid	0.91 ug/mL
					LCPFNA_00007	200 uL	Perfluorononanoic acid	1 ug/mL
					LCPFOA_00007	200 uL	Perfluorooctanoic acid (PFOA)	1 ug/mL
					LCPFODA_00007	200 uL	Perfluorooctadecanoic acid	1 ug/mL
					LCPFOS-br_00003	200 uL	Perfluorooctanesulfonic acid (PFOS)	0.928 ug/mL
					LCPFOSA_00009	200 uL	Perfluorooctane Sulfonamide	1 ug/mL
					LCPFPeA_00006	200 uL	Perfluoropentanoic acid	1 ug/mL
					LCPFTeDA_00005	200 uL	Perfluorotetradecanoic acid	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCPFTrDA_00005	200 uL	Perfluorotridecanoic acid	1 ug/mL
					LCPFUdA_00006	200 uL	Perfluoroundecanoic acid	1 ug/mL
..LCPFBA_00006	05/27/21	Wellington Laboratories, Lot PFBA0516			(Purchased Reagent)		Perfluorobutyric acid	50 ug/mL
..LCPFBS_00006	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_00005	07/02/20	Wellington Laboratories, Lot LPFDS0615			(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_00010	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_00007	05/25/21	Wellington Laboratories, Lot PFHxDA0516			(Purchased Reagent)		Perfluorohexadecanoic acid	50 ug/mL
..LCPFHxS-br_00003	07/03/20	Wellington Laboratories, Lot brPFHxSK0615			(Purchased Reagent)		Perfluorohexanesulfonic acid	45.5 ug/mL
..LCPFNA_00007	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_00007	04/29/21	Wellington Laboratories, Lot PFODA0416			(Purchased Reagent)		Perfluorooctadecanoic acid	50 ug/mL
..LCPFOS-br_00003	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_00006	08/19/20	Wellington Laboratories, Lot PFUdA0815			(Purchased Reagent)		Perfluoroundecanoic acid	50 ug/mL
LCPFC_FULL-L7_00003	09/02/17	05/30/17	MeOH/H2O, Lot 090285	5000 uL	LCMPFC2SU_00019	250 uL	d-N-EtFOSA-M	50 ng/mL
							d-N-MeFOSA-M	50 ng/mL
							d3-NMeFOSAA	50 ng/mL
							d5-NEtFOSAA	50 ng/mL
							M2-6:2FTS	47.5 ng/mL
							M2-8:2FTS	47.9 ng/mL
					LCMPFCSU_00069	250 uL	13C2-PFHxDA	50 ng/mL
							13C2-PFTeDA	50 ng/mL
							13C4-PFHpA	50 ng/mL
							13C5-PFPeA	50 ng/mL
							13C8 FOSA	50 ng/mL
							13C4 PFBA	50 ng/mL
							13C2 PFDA	50 ng/mL
							13C2 PFDoA	50 ng/mL
							13C2 PFHxA	50 ng/mL
							18O2 PFHxS	47.3 ng/mL
							13C5 PFNA	50 ng/mL
							13C4 PFOA	50 ng/mL
							13C4 PFOS	47.8 ng/mL
							13C2 PFUnA	50 ng/mL
					LCPFC2SP_00030	1000 uL	Sodium 1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	186.8 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

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)	189.6 ng/mL
							Sodium 1H,1H,2H,2H-perfluorodecane sulfonate (8:2)	191.6 ng/mL
							N-ethylperfluoro-1-octanesulfonamide	200 ng/mL
							N-ethyl perfluorooctane sulfonamidoacetic acid	200 ng/mL
							MeFOSA	200 ng/mL
							N-methyl perfluorooctane sulfonamidoacetic acid	200 ng/mL
					LCPFCIS_00002	50 uL	13C2-PFOA	50 ng/mL
					LCPFCSP_00096	1000 uL	Perfluorobutyric acid	200 ng/mL
							Perfluorobutanesulfonic acid (PFBS)	176.8 ng/mL
							Perfluorodecanoic acid	200 ng/mL
							Perfluorododecanoic acid	200 ng/mL
							Perfluorodecane Sulfonic acid	192.8 ng/mL
							Perfluoroheptanoic acid	200 ng/mL
							Perfluoroheptanesulfonic Acid	190.4 ng/mL
							Perfluorohexanoic acid	200 ng/mL
							Perfluorohexadecanoic acid	200 ng/mL
							Perfluorohexanesulfonic acid	182 ng/mL
							Perfluorononanoic acid	200 ng/mL
							Perfluorooctanoic acid (PFOA)	200 ng/mL
							Perfluorooctadecanoic acid	200 ng/mL
							Perfluorooctanesulfonic acid (PFOS)	185.6 ng/mL
							Perfluorooctane Sulfonamide	200 ng/mL
							Perfluoropentanoic acid	200 ng/mL
							Perfluorotetradecanoic acid	200 ng/mL
							Perfluorotridecanoic acid	200 ng/mL
							Perfluoroundecanoic acid	200 ng/mL
.LCMPFC2SU_00019	11/30/17	05/30/17	Methanol, Lot 104453	5000 uL	LCd-NEtFOSA-M_00005	100 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00004	100 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00004	100 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00004	100 uL	d5-NEtFOSAA	1 ug/mL
					LCM2-6:FTS_00004	100 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00004	100 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00005	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00004	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00004	11/22/21	WELLINGTON, Lot d3NMeFOSAA1116			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00004	11/22/21	WELLINGTON, Lot d5NEtFOSAA1116			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00004	02/17/22	WELLINGTON, Lot M262FTS0217			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00004	08/22/21	WELLINGTON, Lot M282FTS0816			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00069	11/24/17	05/24/17	Methanol, Lot Baker 141039	10000 uL	LCM2PFHxDA_00009	200 uL	13C2-PFHxDA	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCM2PFTeDA_00008	200 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00008	200 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00009	200 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00012	200 uL	13C8 FOSA	1 ug/mL
					LCMPFBA_00009	200 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00013	200 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00009	200 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00014	200 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00009	200 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00009	200 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00013	200 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00020	200 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00010	200 uL	13C2 PFUnA	1 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
..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
.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-perfluorodecane 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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..LC8:2FTS_00002	10/23/20	WELLINGTON, Lot 82FTS1015			(Purchased Reagent)		Sodium 1H,1H,2H,2H-perfluorodecane 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_00096	09/02/17	05/24/17	Methanol, Lot 090285	10000 uL	LCPFBA_00006	200 uL	Perfluorobutyric acid	1 ug/mL
					LCPFBS_00006	200 uL	Perfluorobutanesulfonic acid (PFBS)	0.884 ug/mL
					LCPFDA_00006	200 uL	Perfluorodecanoic acid	1 ug/mL
					LCPFDoA_00006	200 uL	Perfluorododecanoic acid	1 ug/mL
					LCPFDS_00005	200 uL	Perfluorodecane Sulfonic acid	0.964 ug/mL
					LCPFHpA_00006	200 uL	Perfluoroheptanoic acid	1 ug/mL
					LCPFHpS_00010	200 uL	Perfluoroheptanesulfonic Acid	0.952 ug/mL
					LCPFHxA_00005	200 uL	Perfluorohexanoic acid	1 ug/mL
					LCPFHxDA_00007	200 uL	Perfluorohexadecanoic acid	1 ug/mL
					LCPFHxS-br_00003	200 uL	Perfluorohexanesulfonic acid	0.91 ug/mL
					LCPFNA_00007	200 uL	Perfluorononanoic acid	1 ug/mL
					LCPFOA_00007	200 uL	Perfluorooctanoic acid (PFOA)	1 ug/mL
					LCPFODA_00007	200 uL	Perfluorooctadecanoic acid	1 ug/mL
					LCPFOS-br_00003	200 uL	Perfluorooctanesulfonic acid (PFOS)	0.928 ug/mL
					LCPFOSA_00009	200 uL	Perfluorooctane Sulfonamide	1 ug/mL
					LCPFPeA_00006	200 uL	Perfluoropentanoic acid	1 ug/mL
					LCPFTeDA_00005	200 uL	Perfluorotetradecanoic acid	1 ug/mL
					LCPFTrDA_00005	200 uL	Perfluorotridecanoic acid	1 ug/mL
					LCPFUdA_00006	200 uL	Perfluoroundecanoic acid	1 ug/mL
..LCPFBA_00006	05/27/21	Wellington Laboratories, Lot PFBA0516			(Purchased Reagent)		Perfluorobutyric acid	50 ug/mL
..LCPFBS_00006	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_00005	07/02/20	Wellington Laboratories, Lot LPFDS0615			(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_00010	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_00007	05/25/21	Wellington Laboratories, Lot PFHxDA0516			(Purchased Reagent)		Perfluorohexadecanoic acid	50 ug/mL
..LCPFHxS-br_00003	07/03/20	Wellington Laboratories, Lot brPFHxSK0615			(Purchased Reagent)		Perfluorohexanesulfonic acid	45.5 ug/mL
..LCPFNA_00007	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_00007	04/29/21	Wellington Laboratories, Lot PFODA0416			(Purchased Reagent)		Perfluorooctadecanoic acid	50 ug/mL
..LCPFOS-br_00003	10/14/20	Wellington Laboratories, Lot brPFOSK1015			(Purchased Reagent)		Perfluorooctanesulfonic acid (PFOS)	46.4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..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_00006	08/19/20	Wellington Laboratories, Lot PFUdA0815			(Purchased Reagent)		Perfluoroundecanoic acid	50 ug/mL
LCPFCIC_FULL_00003	09/02/17	05/30/17	MeOH/H2O, Lot 09285	5050 uL	LCMPFC2SU_00019	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_00069	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_00019	11/30/17	05/30/17	Methanol, Lot 104453	5000 uL	LCd-NEtFOSA-M_00005	100 uL	d-N-EtFOSA-M	1 ug/mL
					LCd-NMeFOSA-M_00004	100 uL	d-N-MeFOSA-M	1 ug/mL
					LCd3-NMeFOSAA_00004	100 uL	d3-NMeFOSAA	1 ug/mL
					LCd5-NEtFOSAA_00004	100 uL	d5-NEtFOSAA	1 ug/mL
					LCM2-6:FTS_00004	100 uL	M2-6:2FTS	0.95 ug/mL
					LCM2-8:2FTS_00004	100 uL	M2-8:2FTS	0.958 ug/mL
..LCd-NEtFOSA-M_00005	06/10/21	WELLINGTON, Lot dNEtFOSA0616M			(Purchased Reagent)		d-N-EtFOSA-M	50 ug/mL
..LCd-NMeFOSA-M_00004	06/10/21	WELLINGTON, Lot dNMeFOSA0616M			(Purchased Reagent)		d-N-MeFOSA-M	50 ug/mL
..LCd3-NMeFOSAA_00004	11/22/21	WELLINGTON, Lot d3NMeFOSAA1116			(Purchased Reagent)		d3-NMeFOSAA	50 ug/mL
..LCd5-NEtFOSAA_00004	11/22/21	WELLINGTON, Lot d5NEtFOSAA1116			(Purchased Reagent)		d5-NEtFOSAA	50 ug/mL
..LCM2-6:FTS_00004	02/17/22	WELLINGTON, Lot M262FTS0217			(Purchased Reagent)		M2-6:2FTS	47.5 ug/mL
..LCM2-8:2FTS_00004	08/22/21	WELLINGTON, Lot M282FTS0816			(Purchased Reagent)		M2-8:2FTS	47.9 ug/mL
.LCMPFCSU_00069	11/24/17	05/24/17	Methanol, Lot Baker 141039	10000 uL	LCM2PFHxDA_00009	200 uL	13C2-PFHxDA	1 ug/mL
					LCM2PFTeDA_00008	200 uL	13C2-PFTeDA	1 ug/mL
					LCM4PFHPA_00008	200 uL	13C4-PFHpA	1 ug/mL
					LCM5PFPEA_00009	200 uL	13C5-PFPeA	1 ug/mL
					LCM8FOSA_00012	200 uL	13C8 FOSA	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					LCMPFBA_00009	200 uL	13C4 PFBA	1 ug/mL
					LCMPFDA_00013	200 uL	13C2 PFDA	1 ug/mL
					LCMPFDoA_00009	200 uL	13C2 PFDoA	1 ug/mL
					LCMPFHxA_00014	200 uL	13C2 PFHxA	1 ug/mL
					LCMPFHxS_00009	200 uL	18O2 PFHxS	0.946 ug/mL
					LCMPFNA_00009	200 uL	13C5 PFNA	1 ug/mL
					LCMPFOA_00013	200 uL	13C4 PFOA	1 ug/mL
					LCMPFOS_00020	200 uL	13C4 PFOS	0.956 ug/mL
					LCMPFUdA_00010	200 uL	13C2 PFUnA	1 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
..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
.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
					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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					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: SBC 3/31/17

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

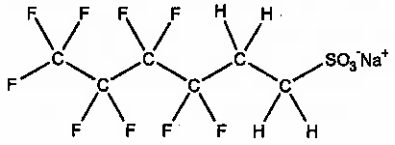
WELLINGTON LABORATORIES

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:

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:

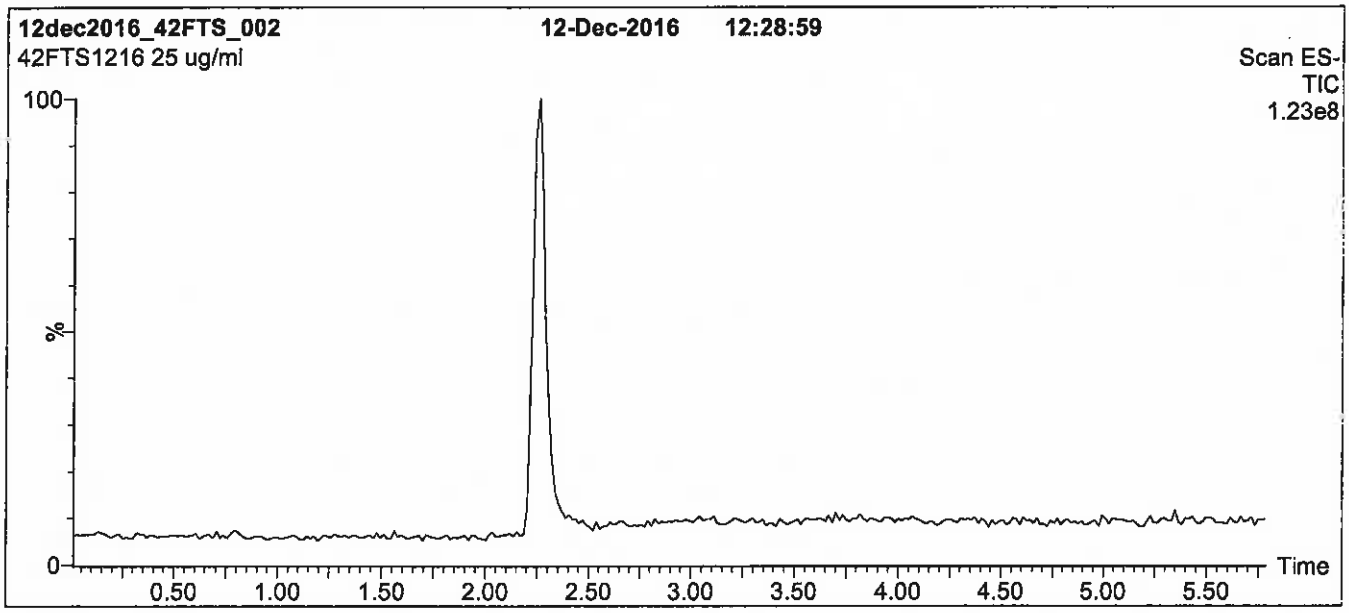
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

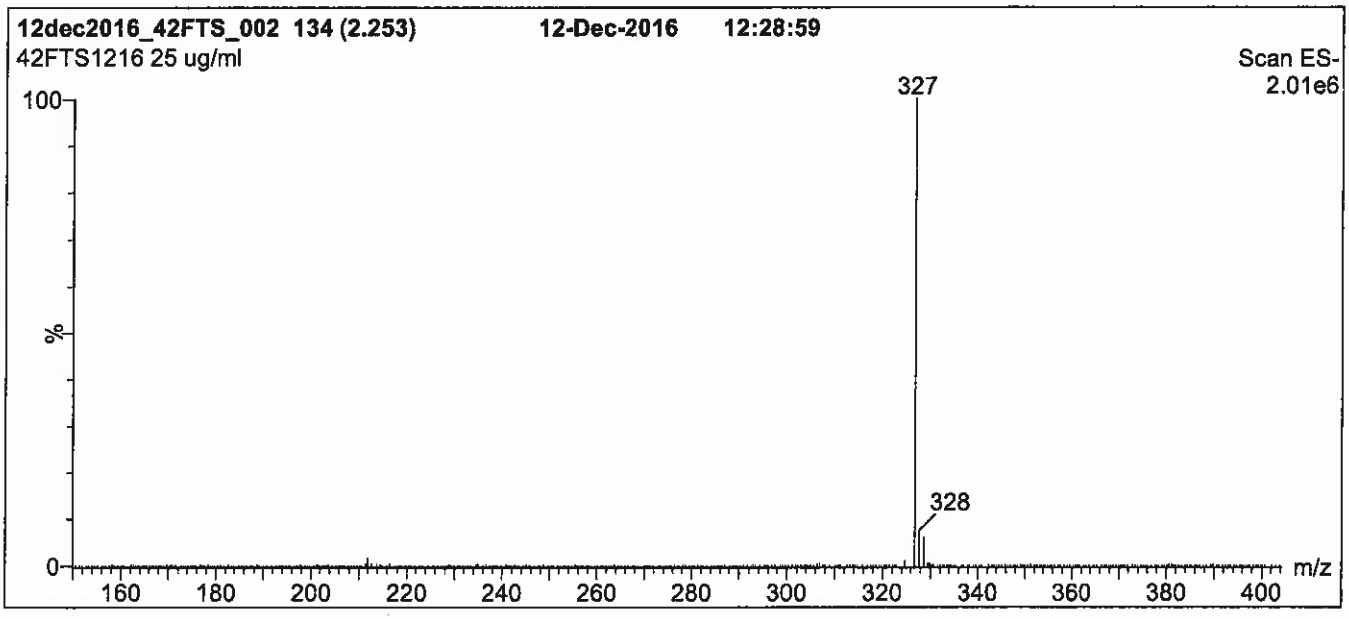
CALA Testing

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: **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

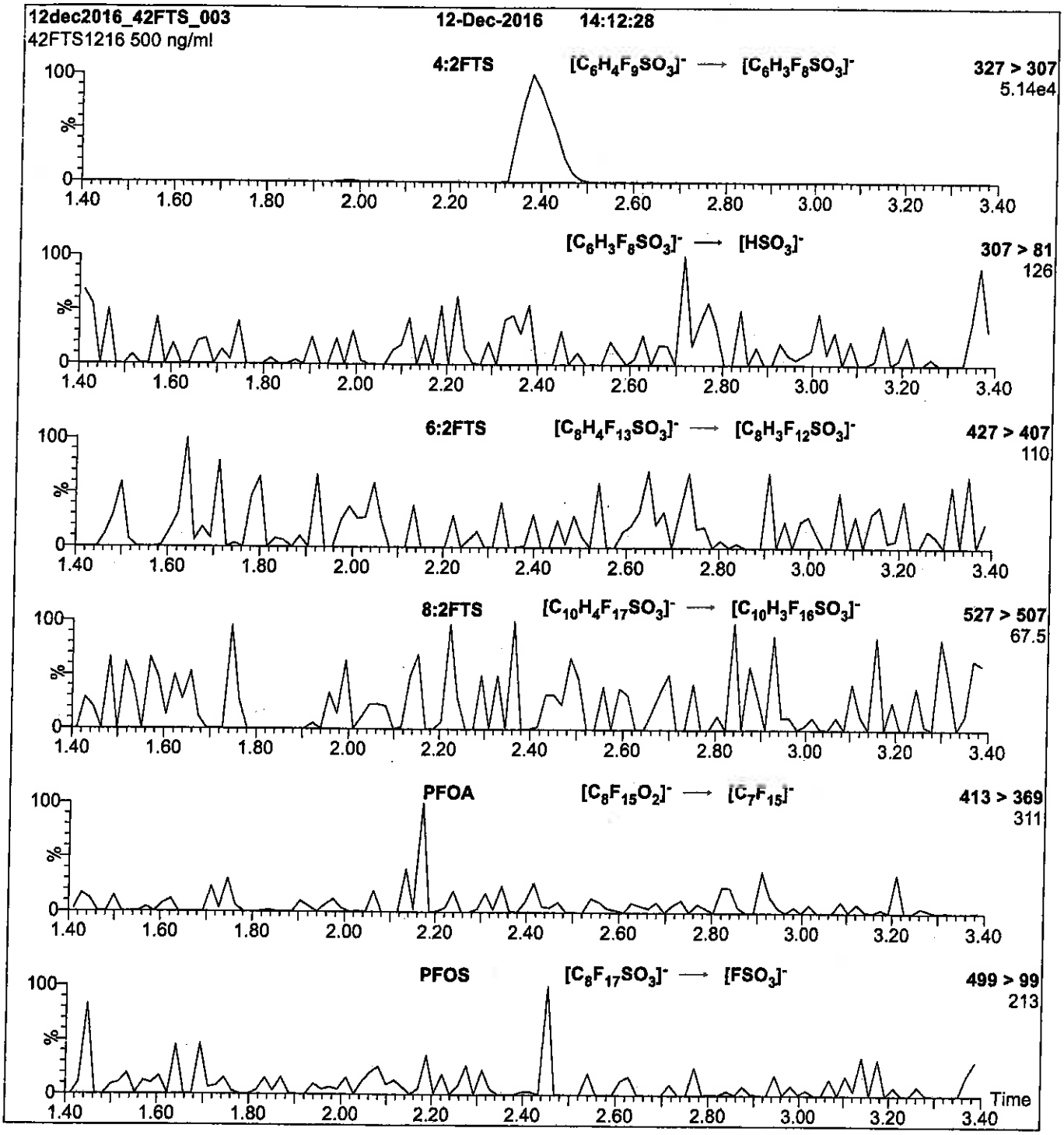
Flow: 300 µl/min

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

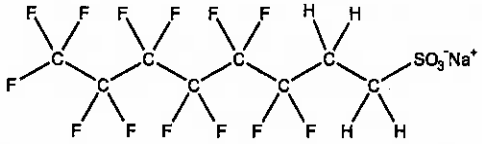
WELLINGTON LABORATORIES

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

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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.

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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:

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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:

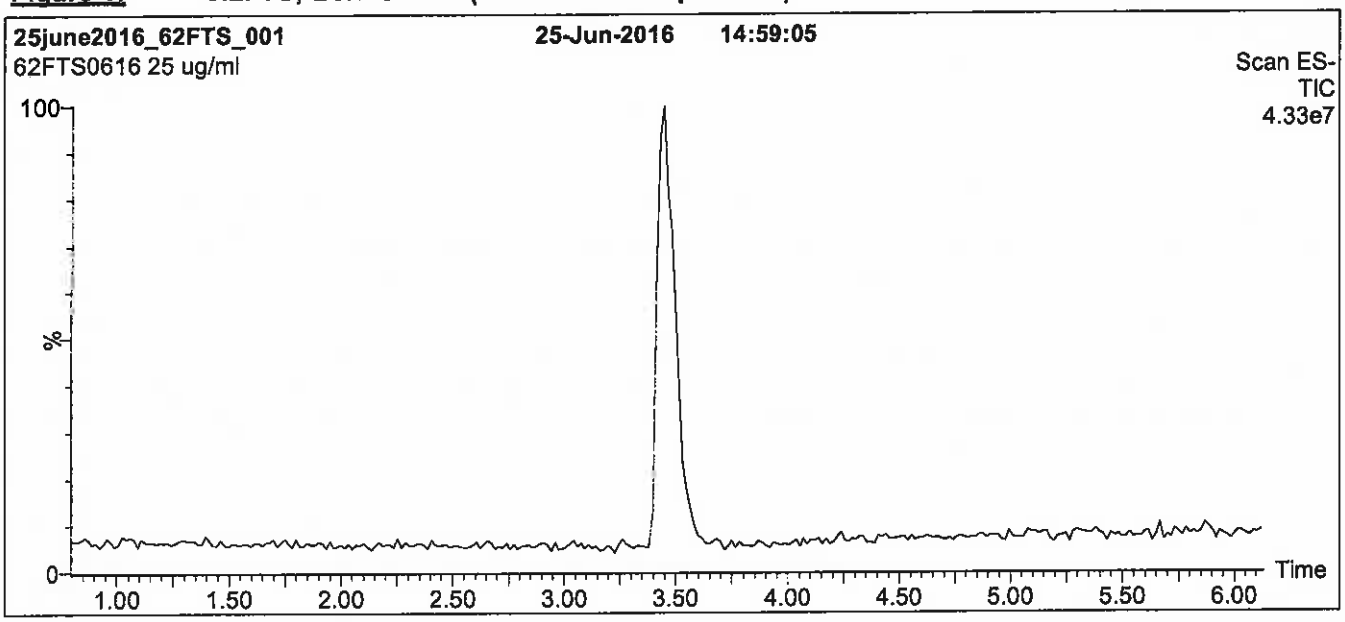
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

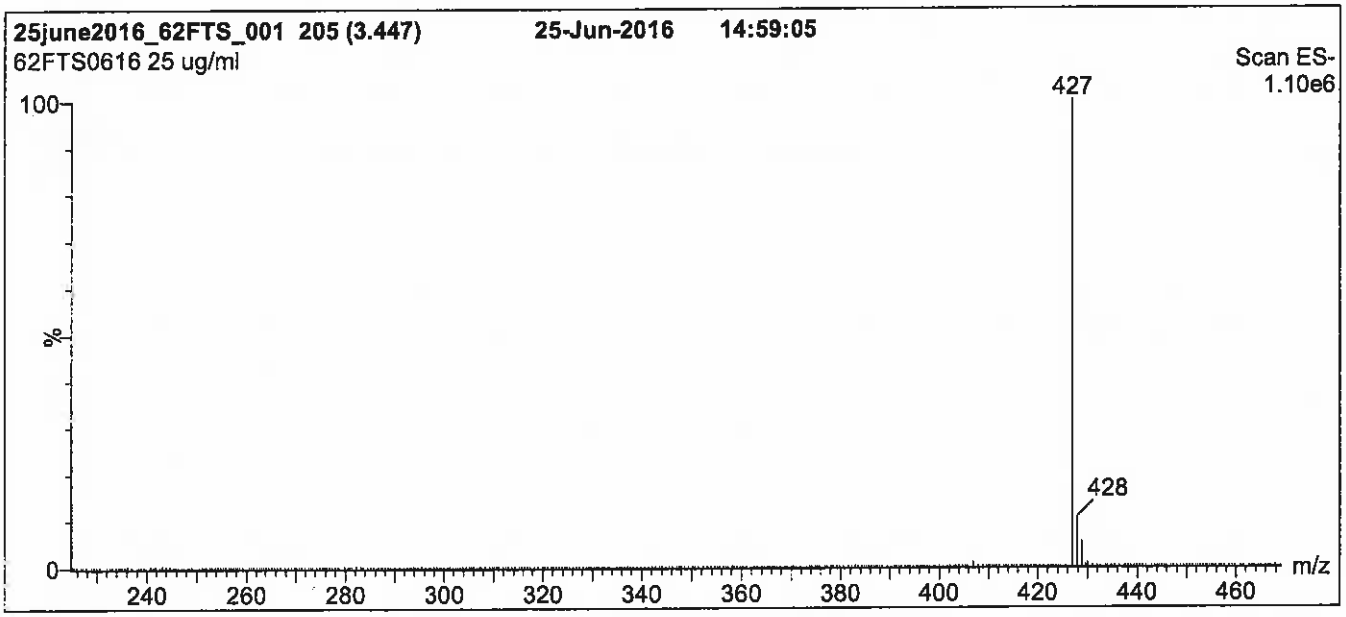
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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Figure 1: **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

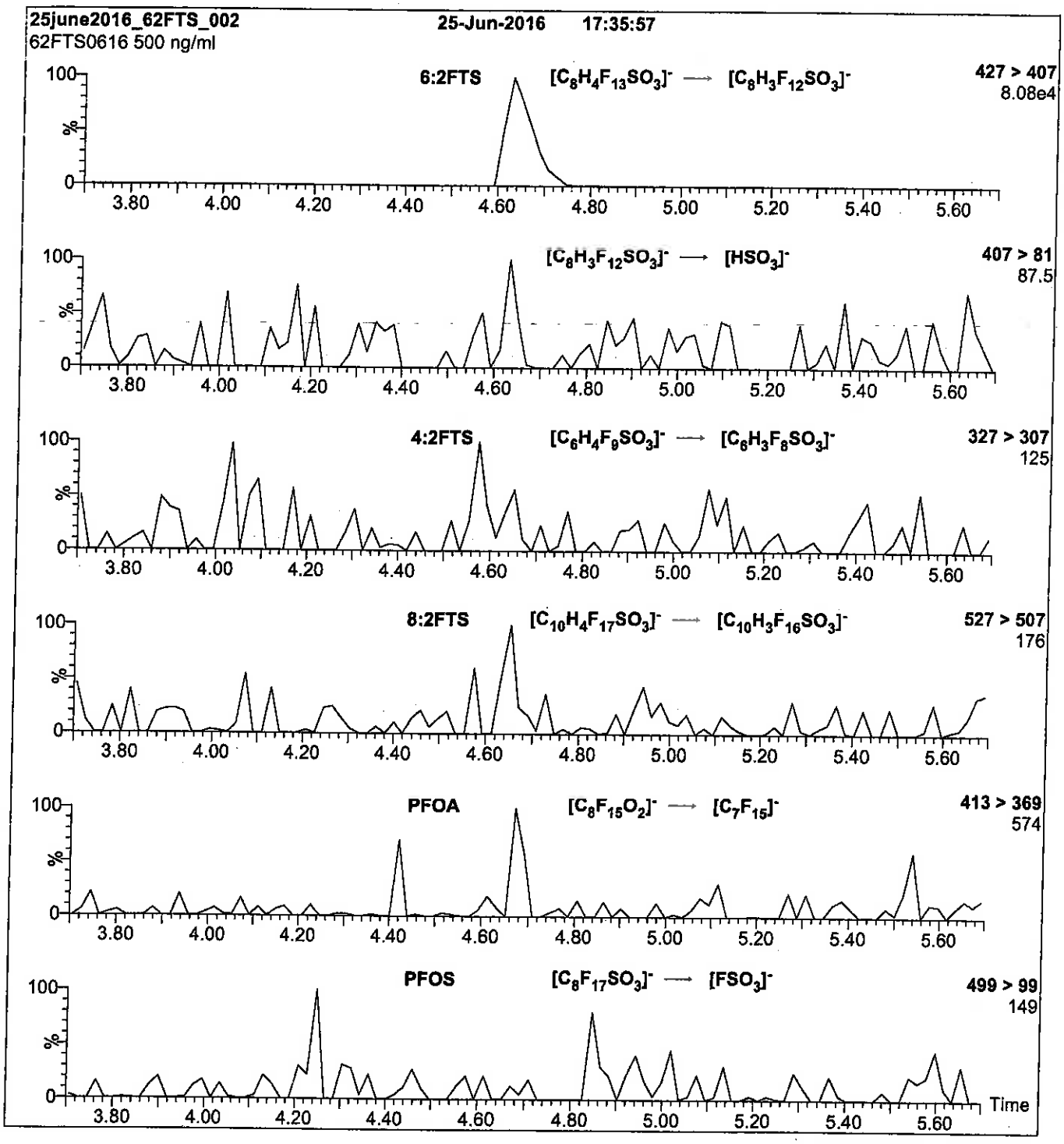
Flow: 300 µl/min

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

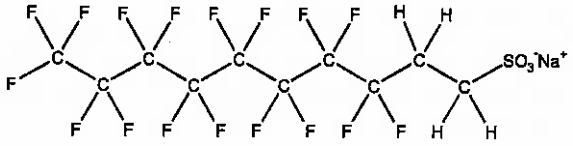
WELLINGTON LABORATORIES

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

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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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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$$u_c(y(x_1, x_2, \ldots x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

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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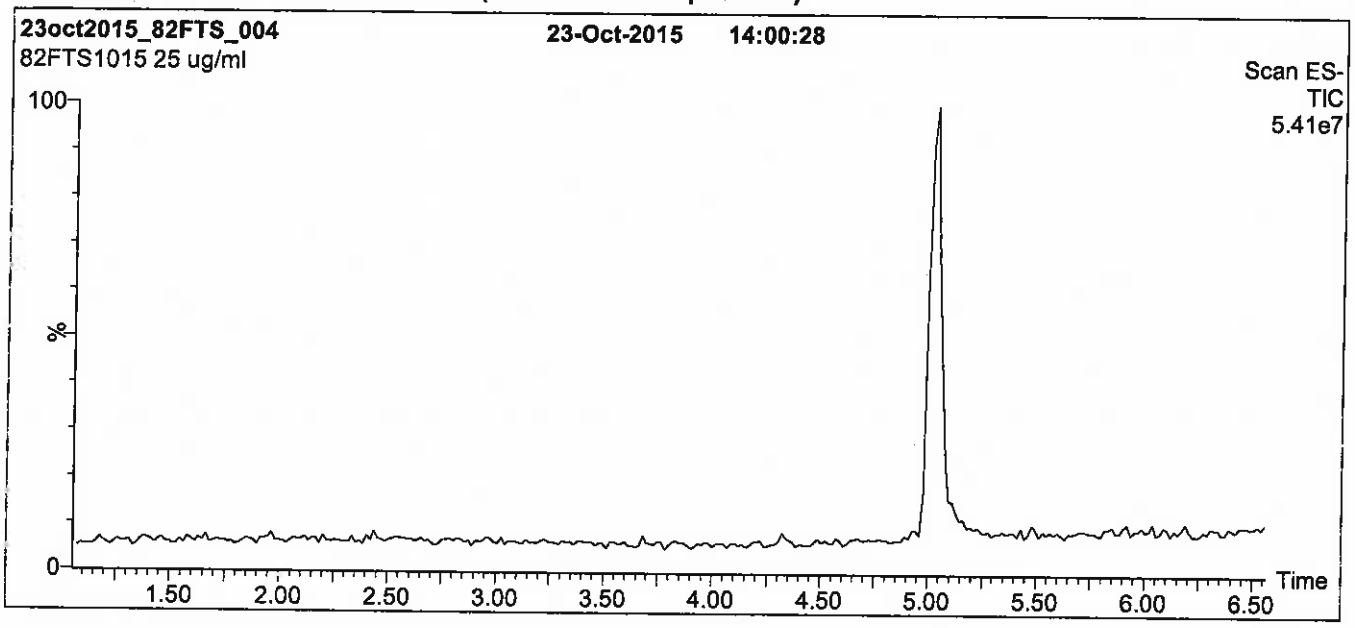
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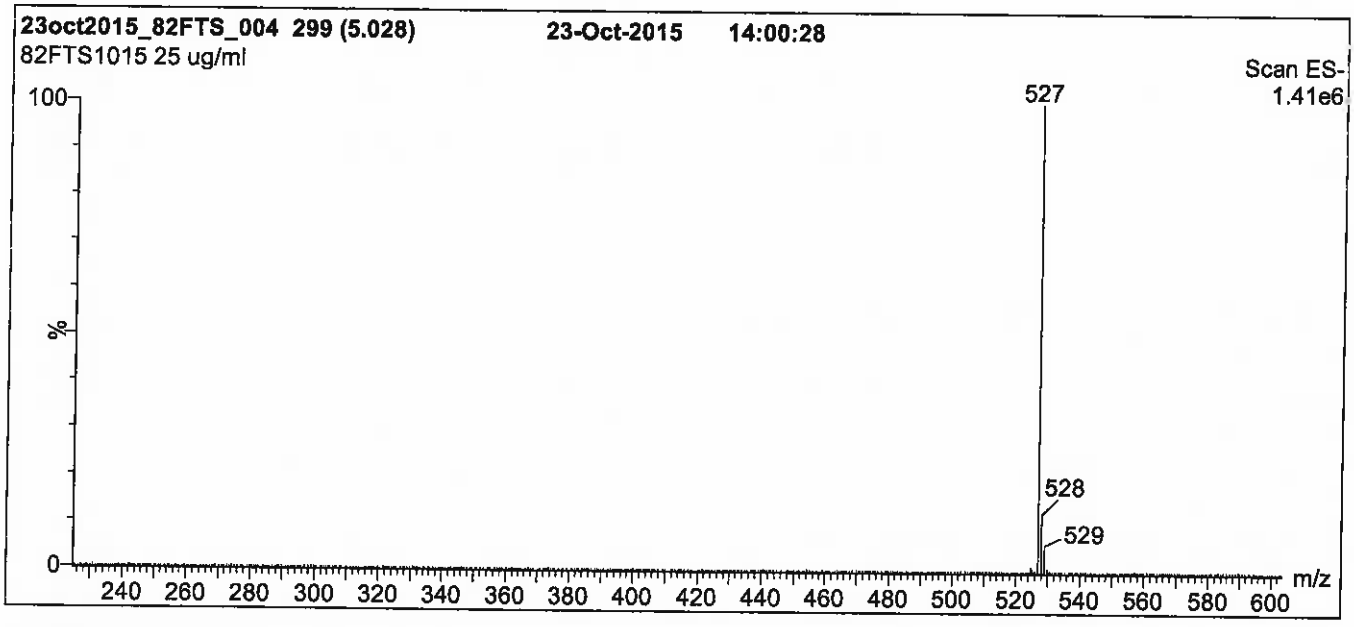
CALA

ANAB ACCREDITED ISO GUIDE 34 REFERENCE MATERIAL PRODUCER

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Figure 1: **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.
Return to Initial conditions in 0.5 min.
Time: 10 min

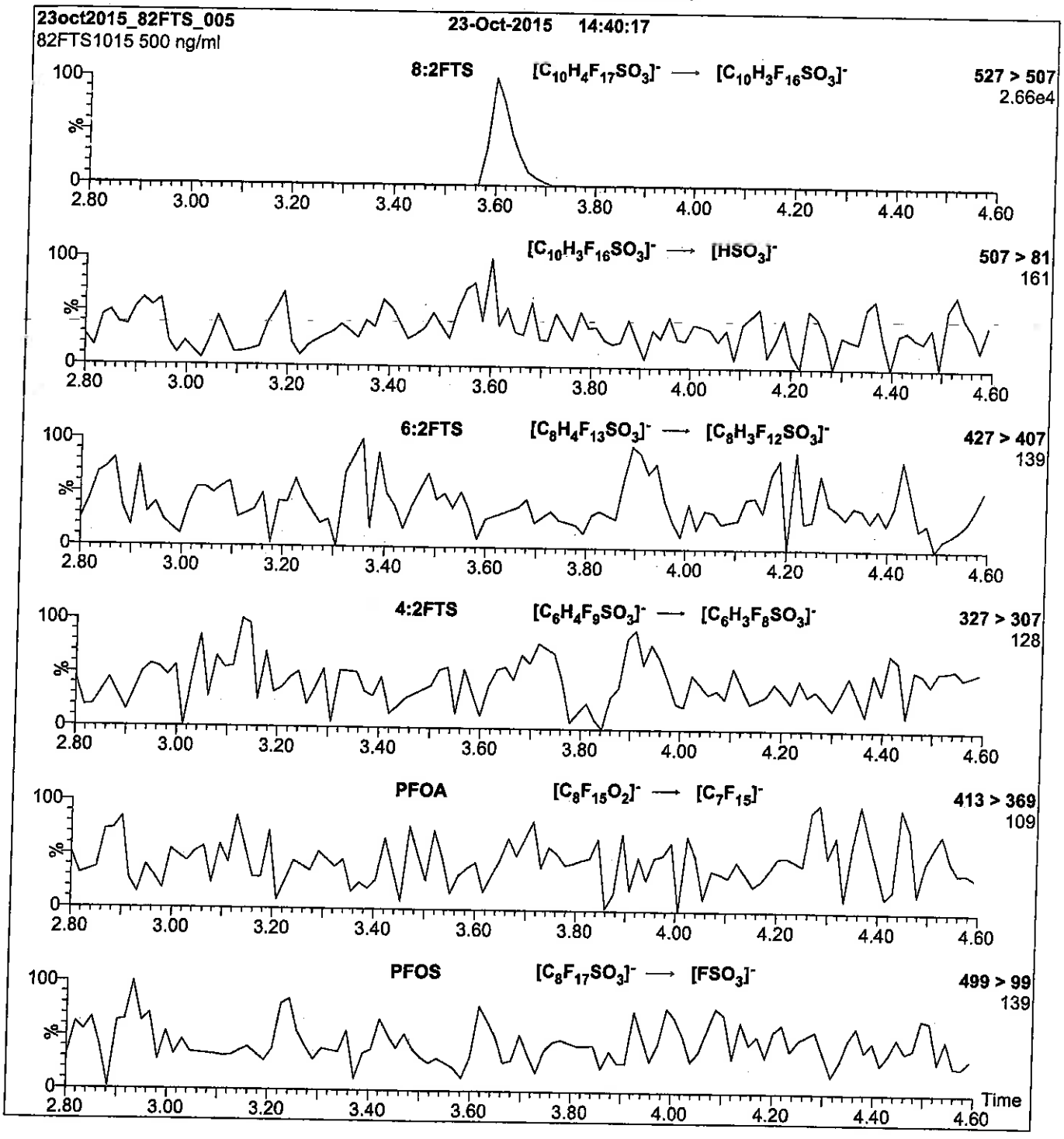
Flow: 300 µl/min

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

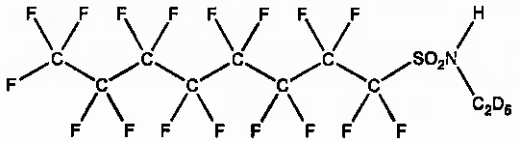
LCd-NEtFOSA-M_00005

D: 3/20/17

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE:	d-N-EtFOSA-M	**LOT NUMBER:**	dNEtFOSA0616M
COMPOUND:	N-ethyl-d_5-perfluoro-1-octanesulfonamide		
STRUCTURE:		**CAS #:**	Not available



MOLECULAR FORMULA:	$C_{10}D_5HF_{17}NO_2S$	**MOLECULAR WEIGHT:**	532.23
CONCENTRATION:	50 ± 2.5 µg/ml	**SOLVENT(S):**	Methanol
CHEMICAL PURITY:	>98%	**ISOTOPIC PURITY:**	≥98% $^2H_5$
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.
- Contains ~ 0.5% of N-methyl-d_3-perfluoro-1-octanesulfonamide (d-N-MeFOSA).

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 07/14/2016 (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.

SYNTHESIS / CHARACTERIZATION:

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HOMOGENEITY:

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EXPIRY DATE / PERIOD OF VALIDITY:

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LIMITED WARRANTY:

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QUALITY MANAGEMENT:

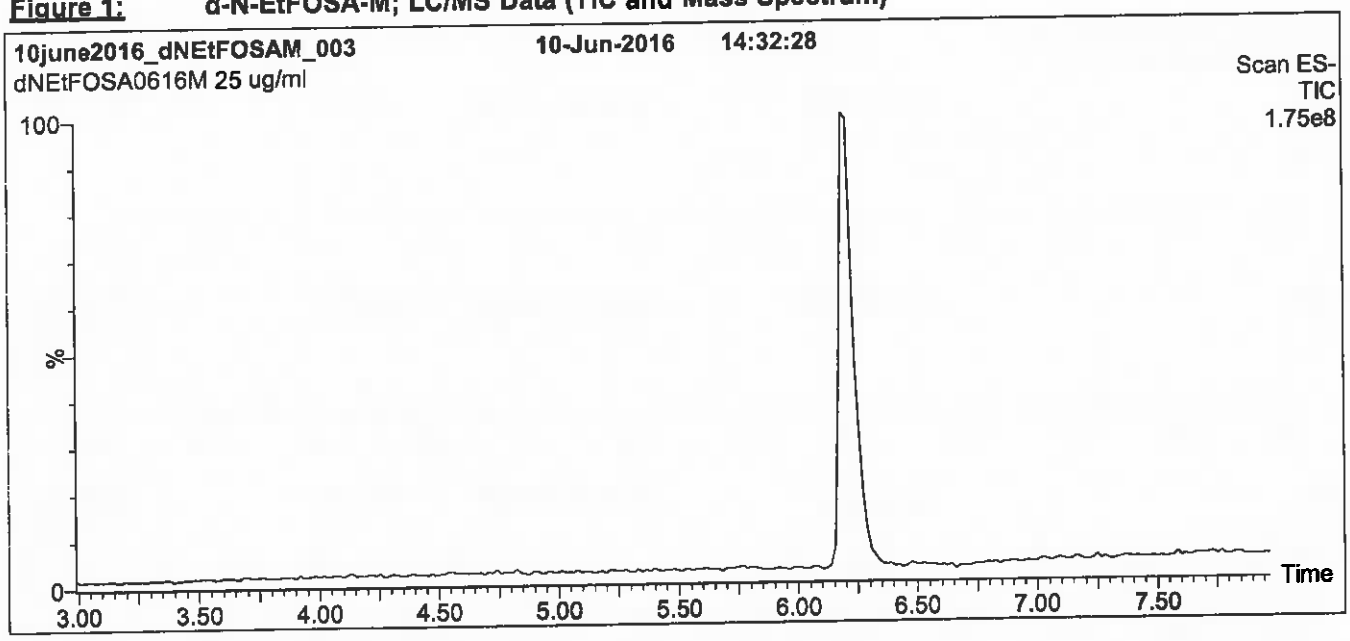
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

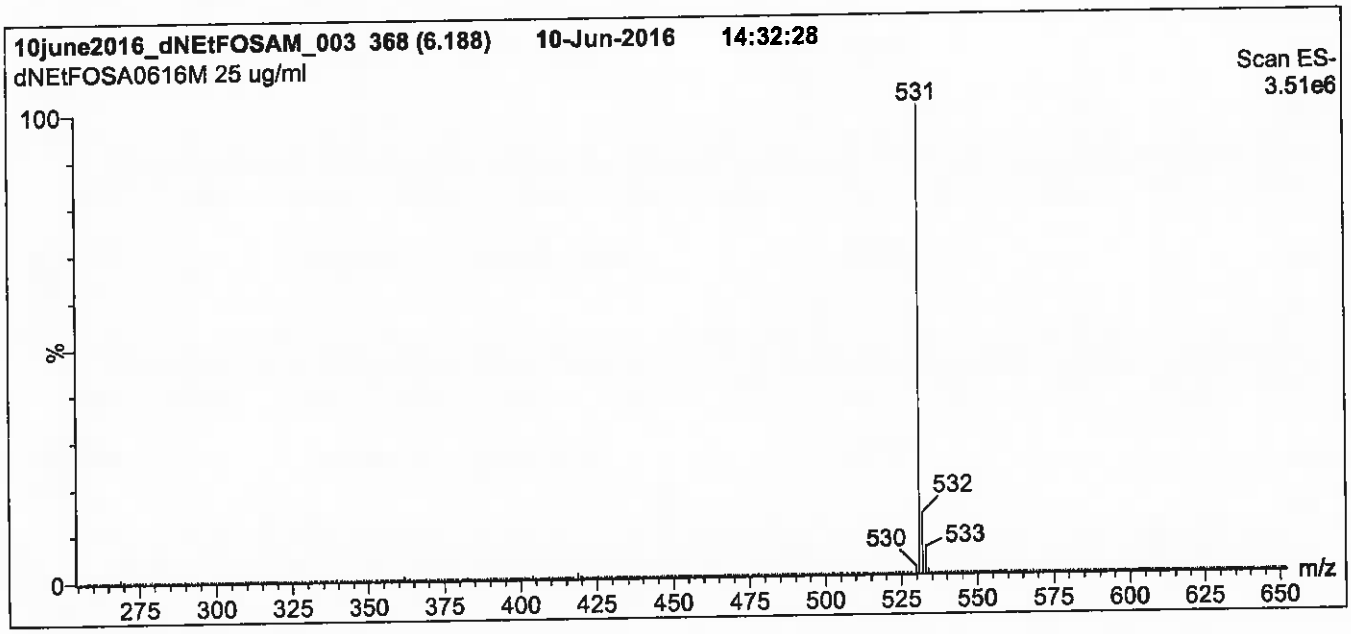
CALA

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Figure 1: **d-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: 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

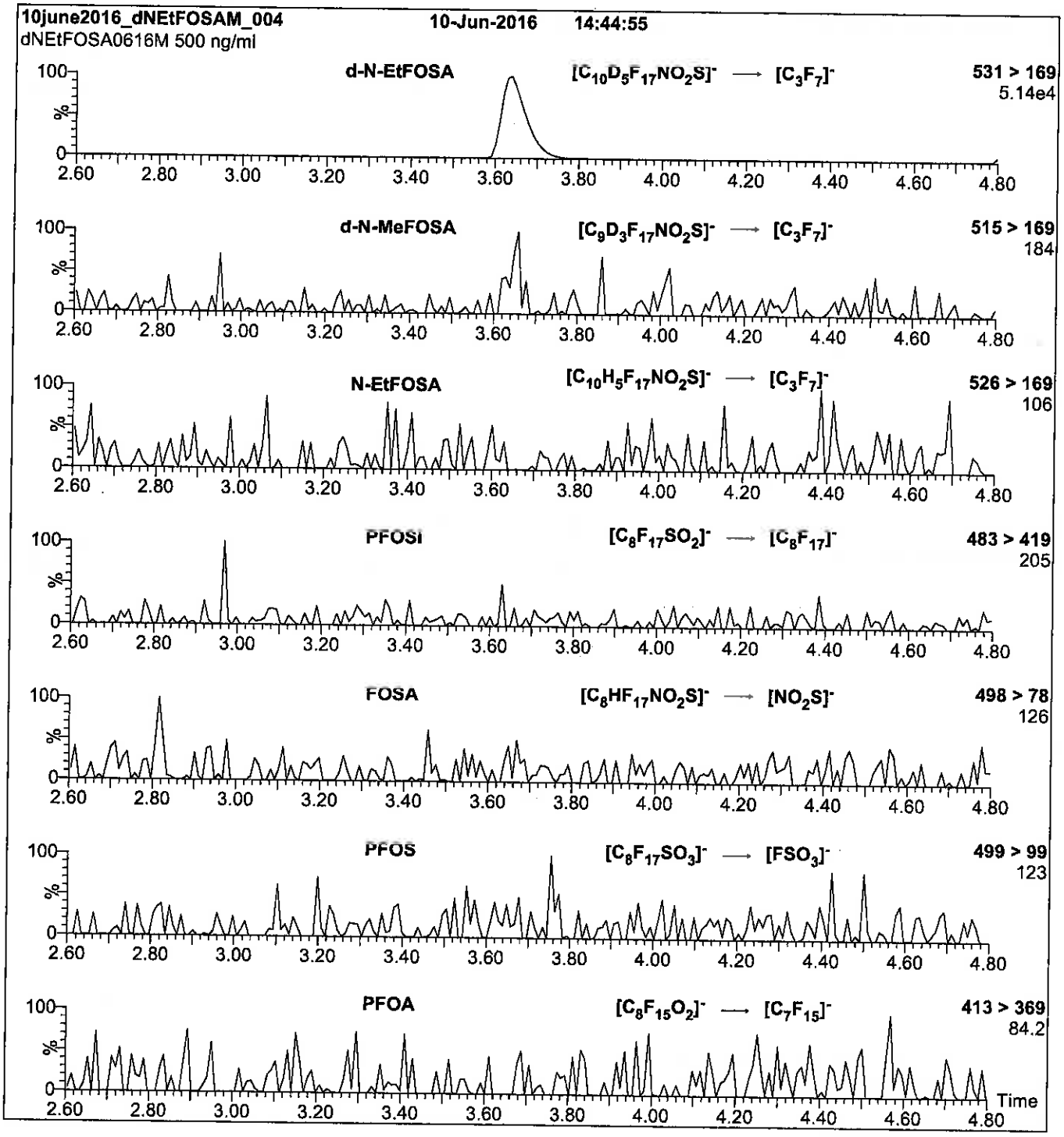
Flow: 300 µl/min

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-EtFOSA-M; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection:	Direct loop injection 10 µl (500 ng/ml d-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) = 3.39e-3
Collision Energy (eV) = 25

Reagent

LCd-NMeFOSA-M_00003

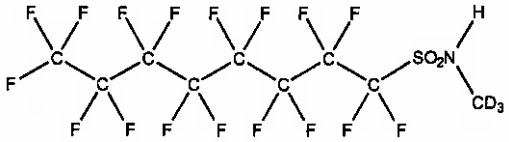
R: 9/9/16 SBC

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.

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Certified By: B.G. Chittim **Date:** 06/16/2016 (mm/dd/yyyy)

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
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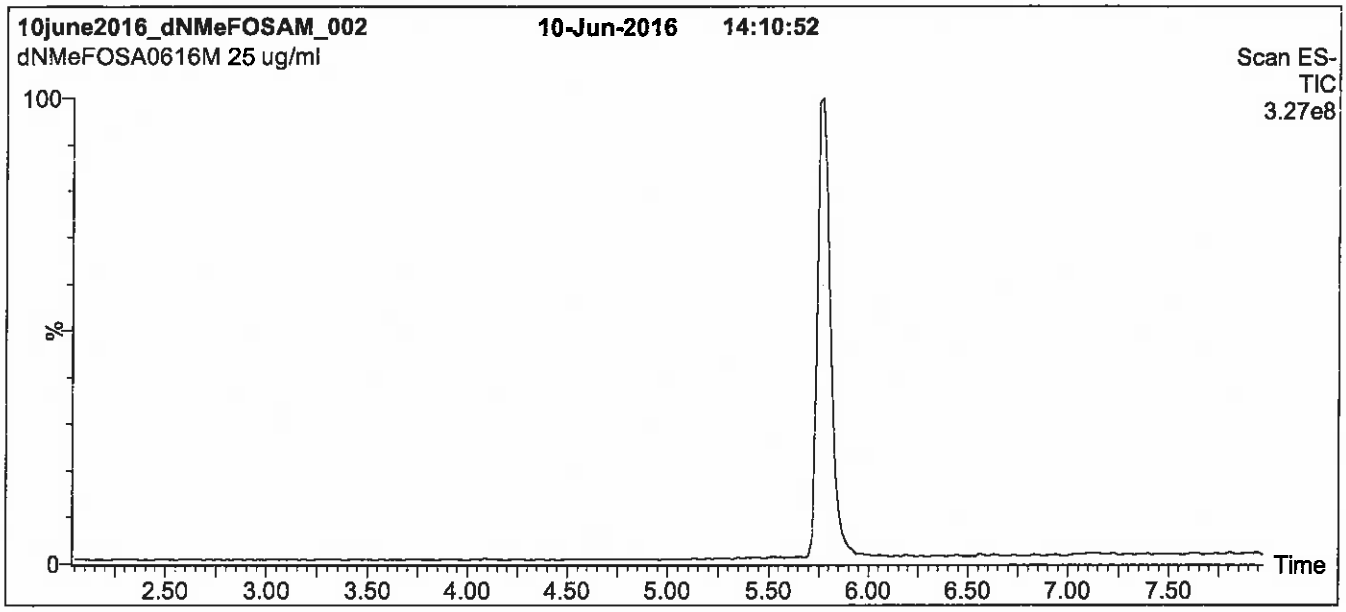
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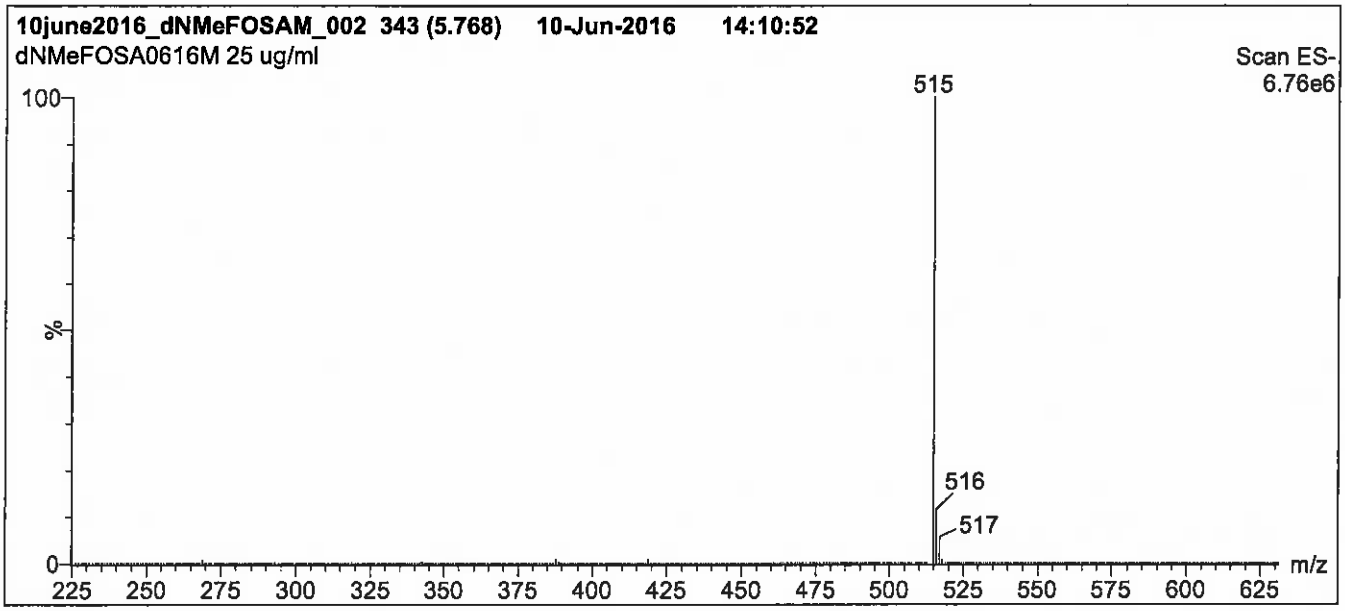
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Figure 1: **d-N-MeFOSA-M; LC/MS Data (TIC and Mass Spectrum)**





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MS: **Micromass Quattro *micro* API MS**

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1.7 µm, 2.1 x 100 mm

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before returning to initial conditions in 0.5 min.
Time: 10 min

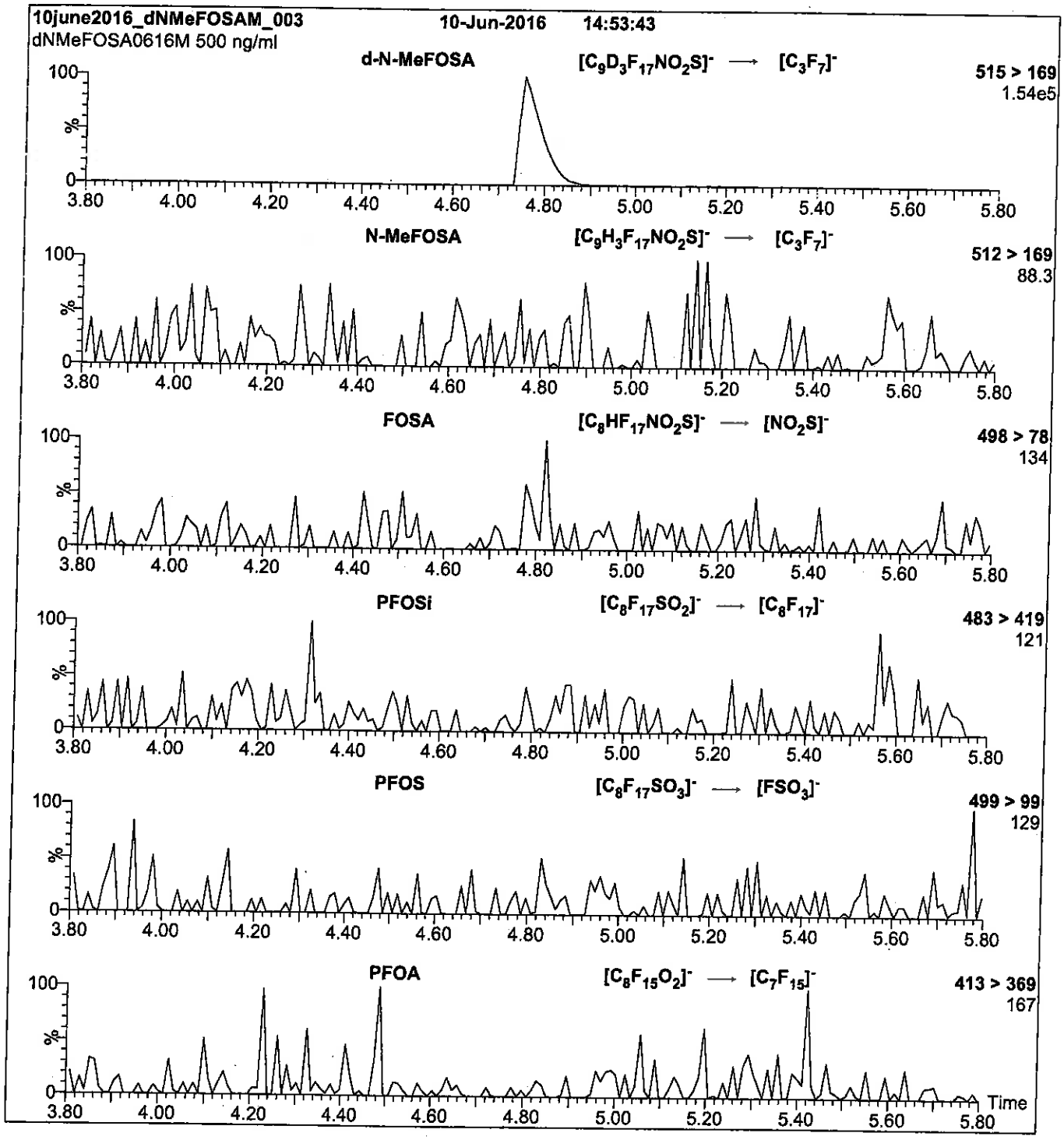
Flow: 300 µl/min

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)
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) = 25

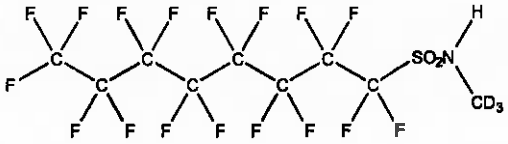
Reagent

LCd-NMeFOSA-M_00004

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:	$C_8D_3HF_{17}NO_2S$	**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:

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,...x_n on which it depends is:

$$u_c(y(x_1, x_2, ...x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

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:

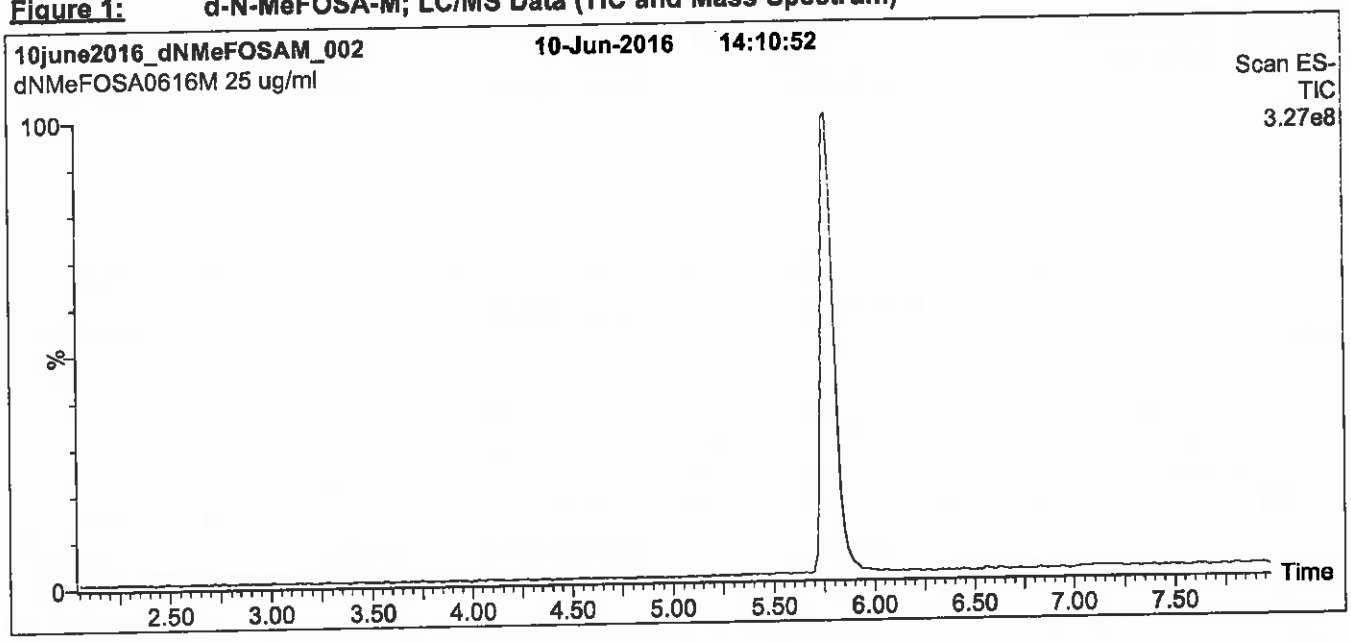
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

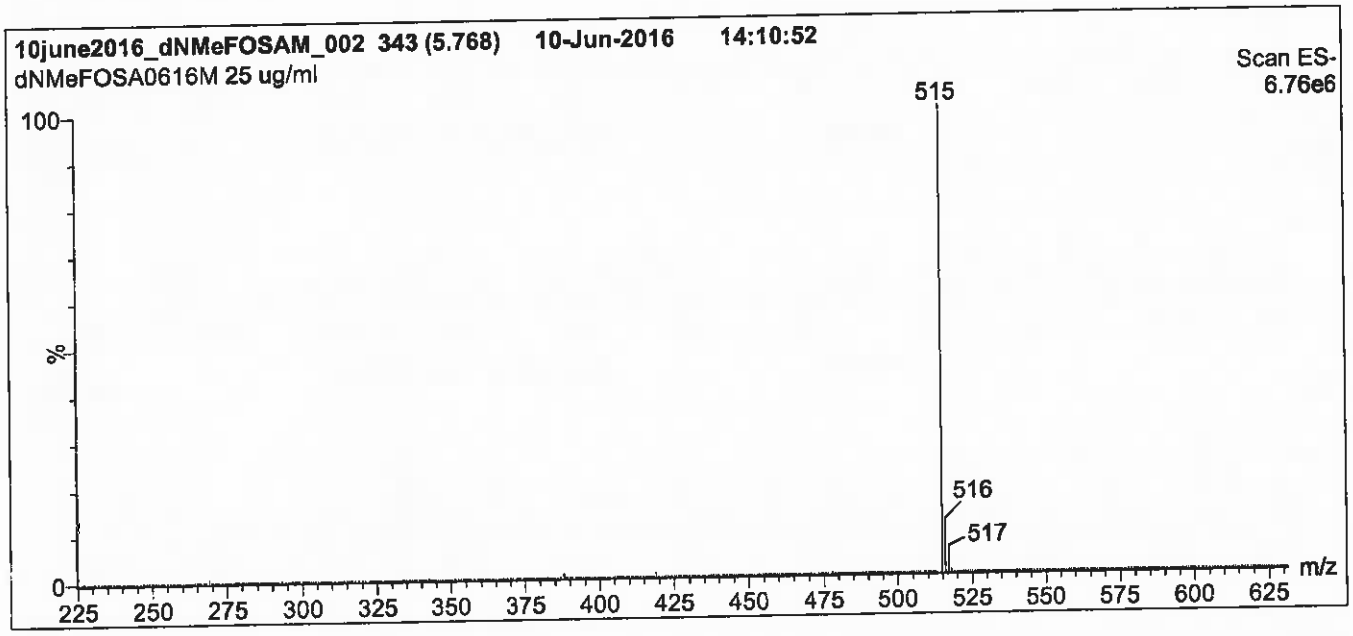
CALA

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

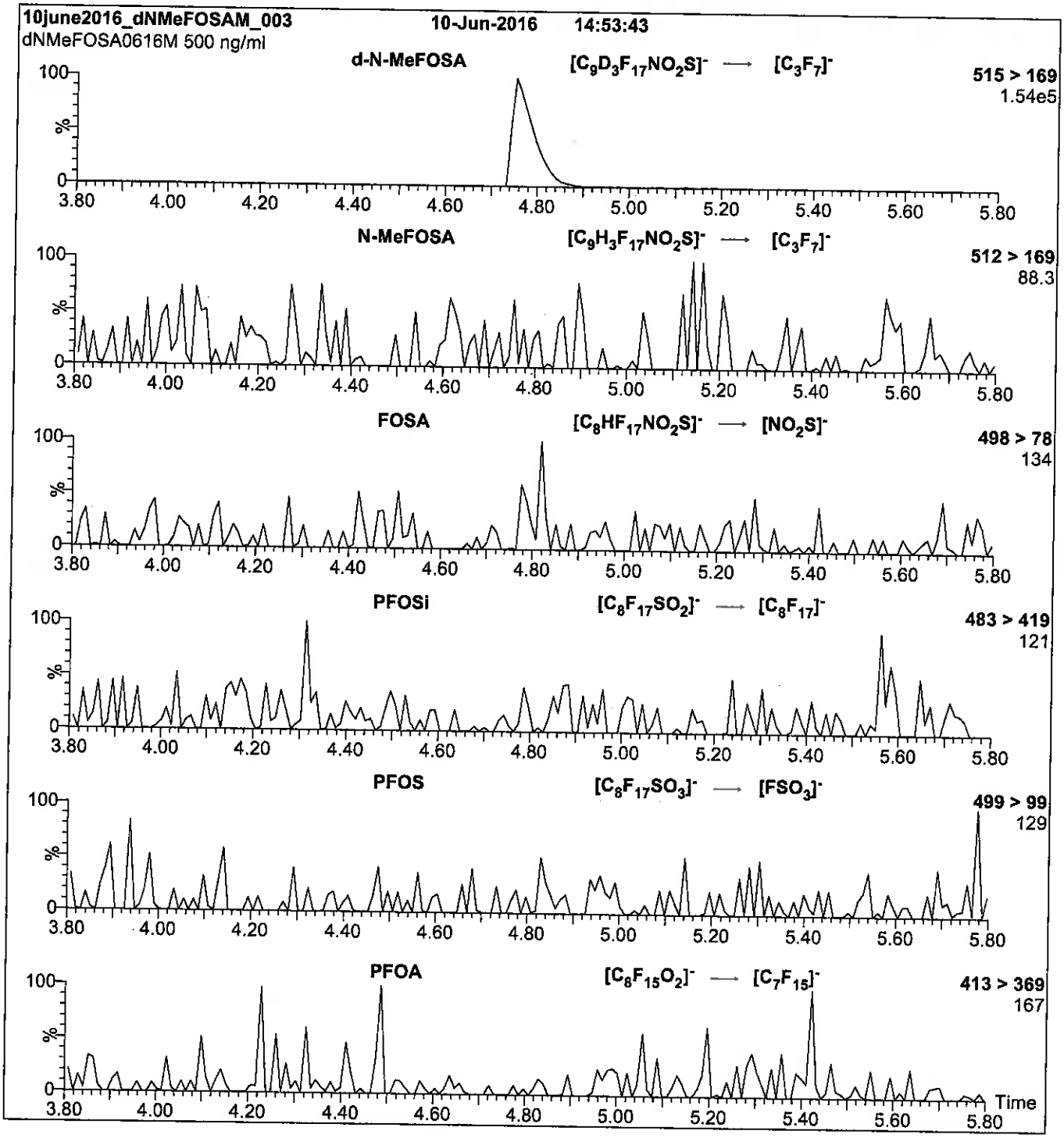
Flow: 300 µl/min

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)
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) = 25

Reagent

LCd3-NMeFOSAA_00003

R: 9/9/16 SBC

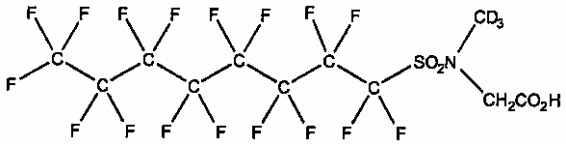
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ID: LCd3-NMeFOSAA_00003
Exp: 05/31/21 Prpd: SBC
d3-N-MeFOSAA

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:

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,...x_n on which it depends is:

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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.

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:

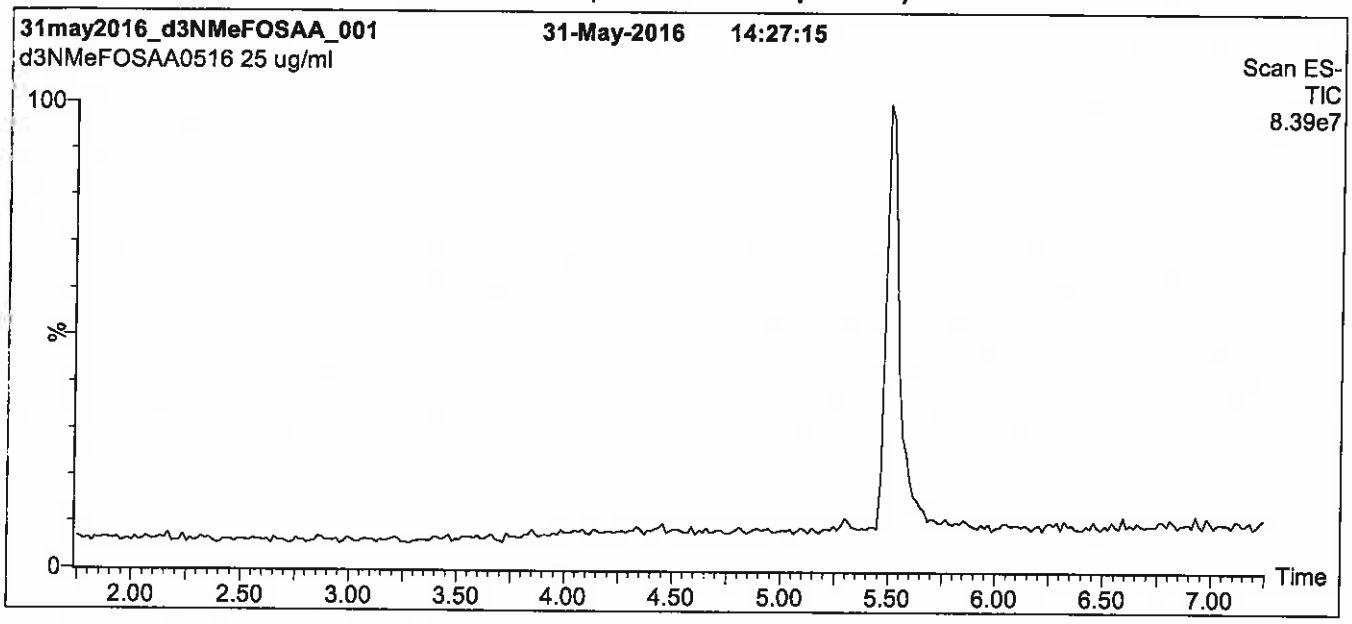
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

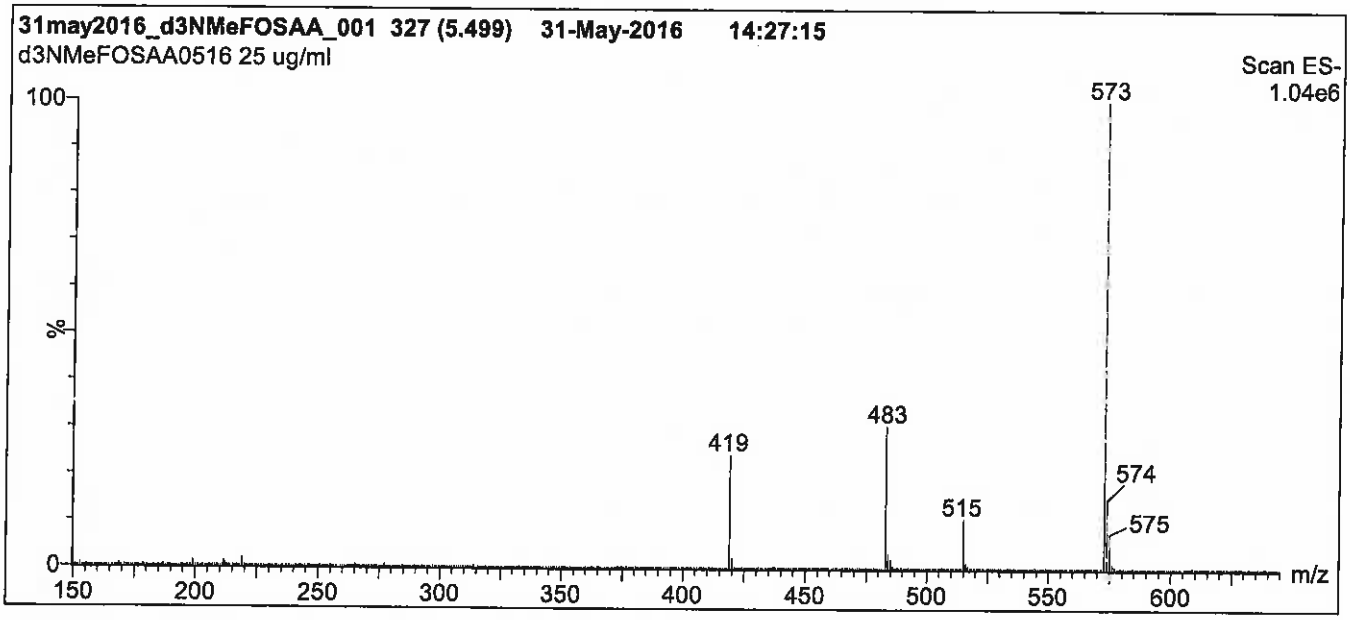
CALA

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: **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

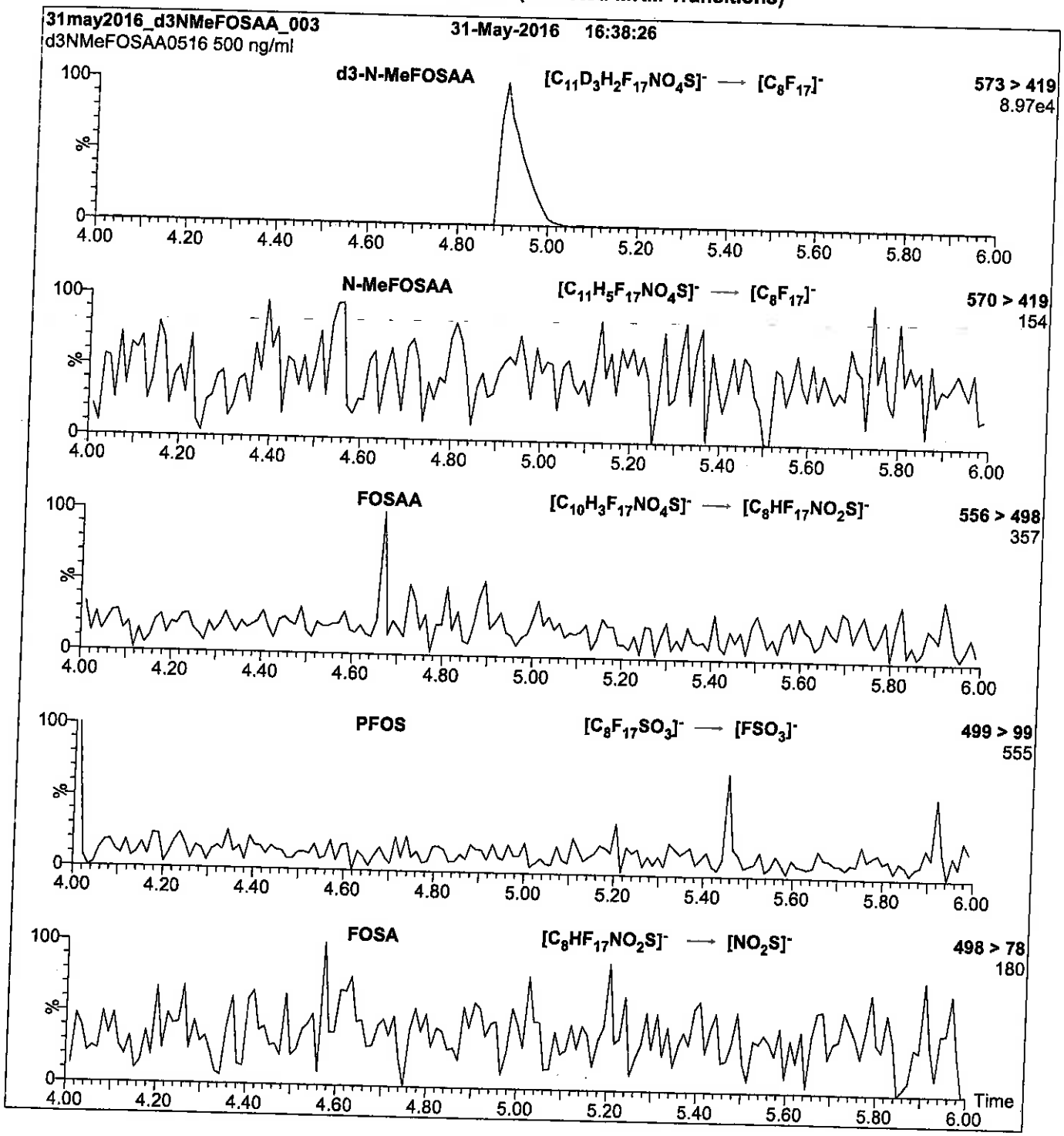
Flow: 300 µl/min

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)
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) = 25

Reagent

LCd3-NMeFOSAA_00004

S: 3/20/17 SRV

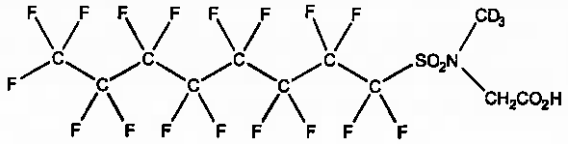
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: d3-N-MeFOSAA **LOT NUMBER:** d3NMeFOSAA1116

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) 11/22/2016

EXPIRY DATE: (mm/dd/yyyy) 11/22/2021

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:** 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

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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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:

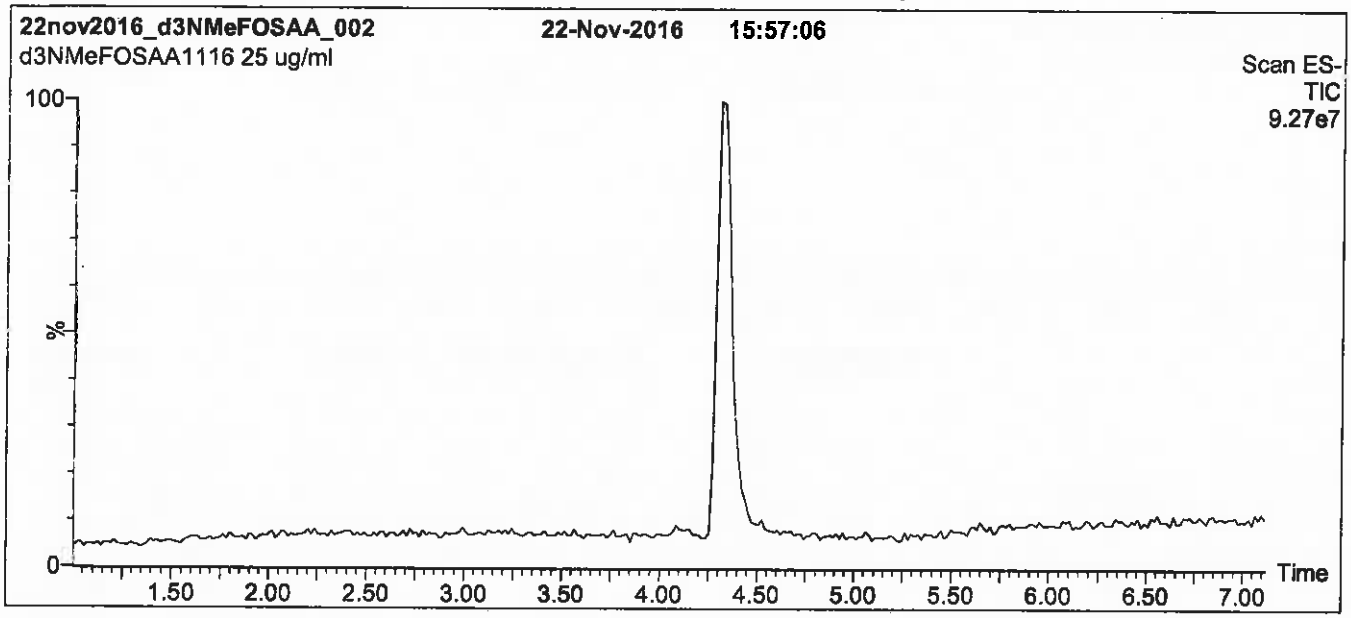
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

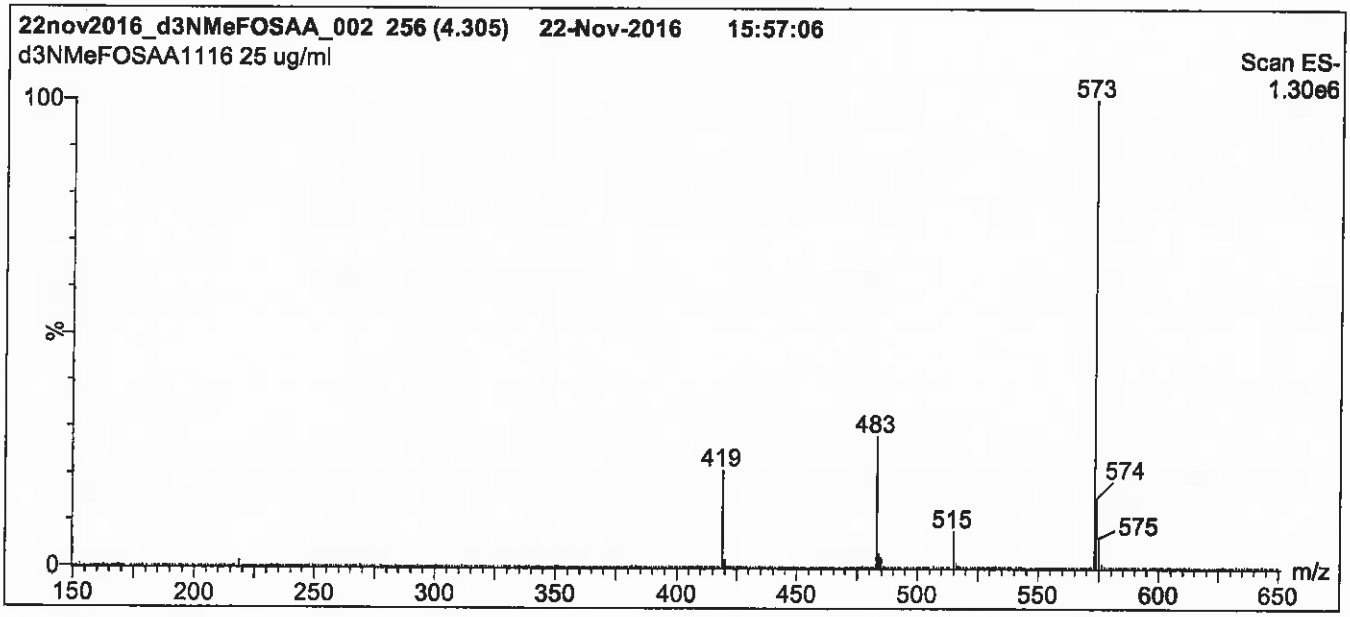
CALA

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: **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: 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

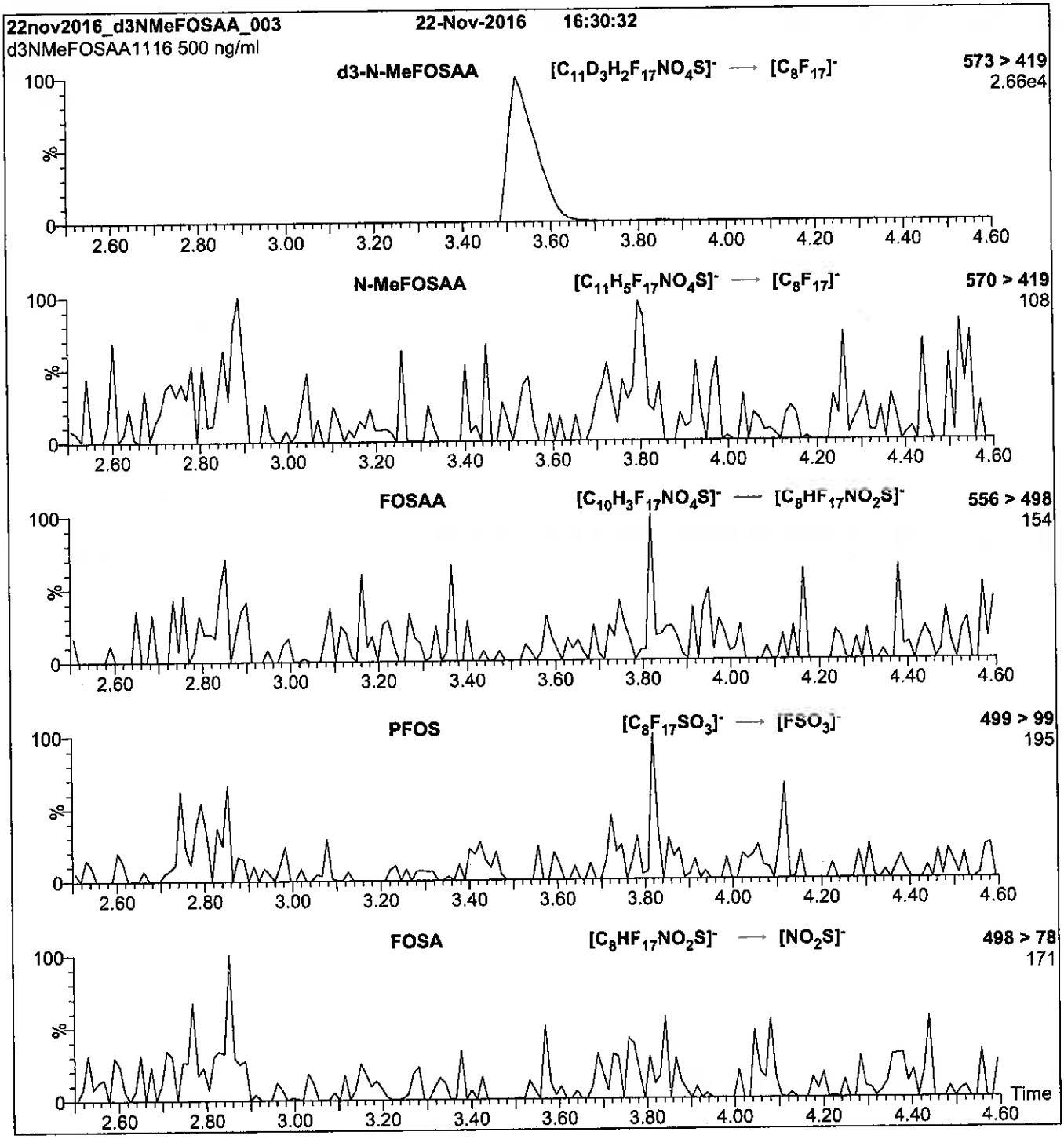
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 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)

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) = 20

Reagent

LCd5-NEtFOSAA_00003

R: 9/9/16 SBC

728301
ID: LCd5-NEtFOSAA_00003
Exp: 08/02/21 Prpd: SBC
d5-N-EtFOSAA

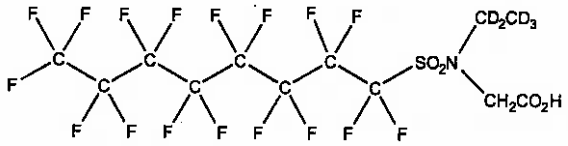
WELLINGTON LABORATORIES

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

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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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:

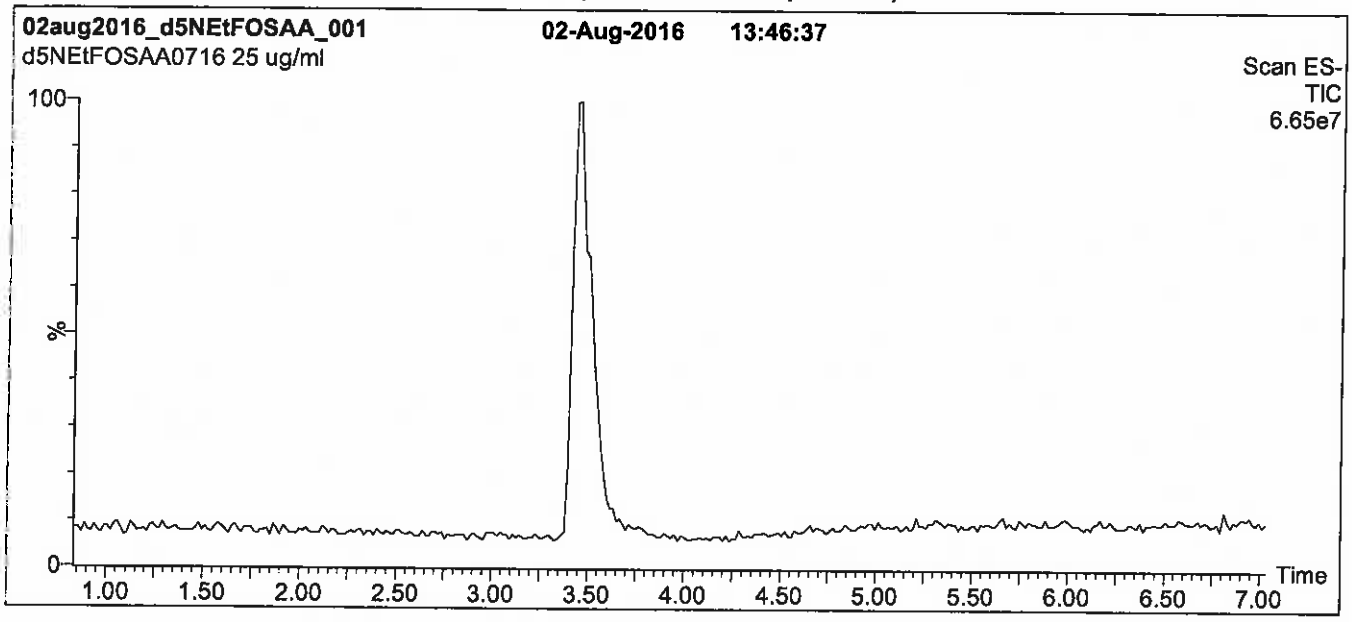
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

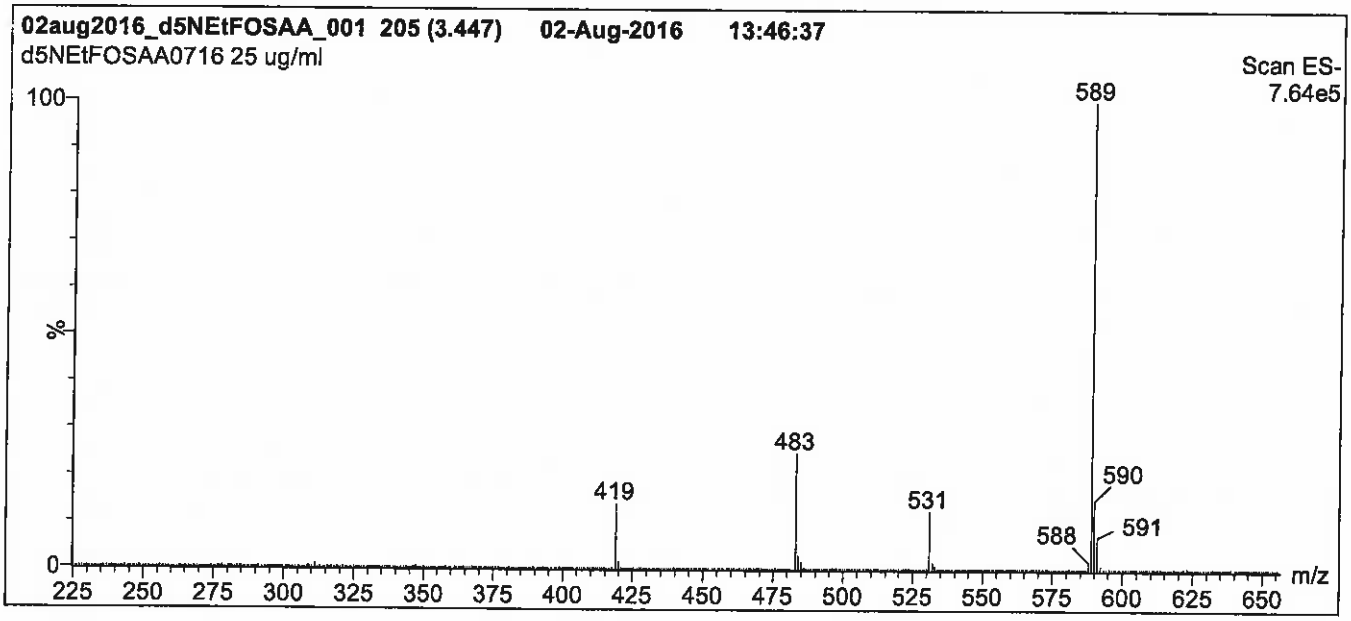
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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Figure 1: 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

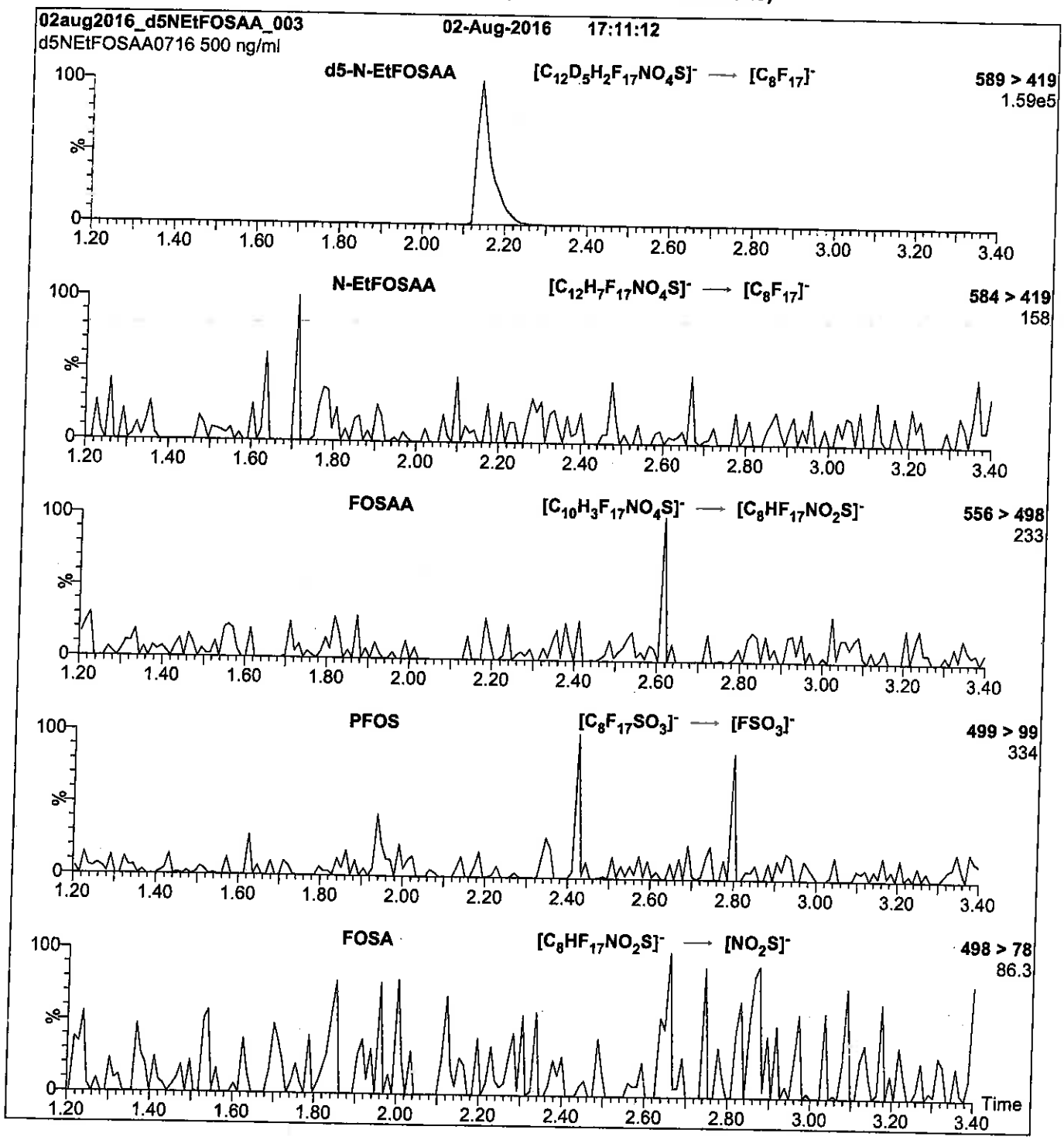
Flow: 350 µl/min

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)
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) = 25

Reagent

LCd5-NEtFOSAA_00004

F: 3/20/17 SRV

WELLINGTON LABORATORIES

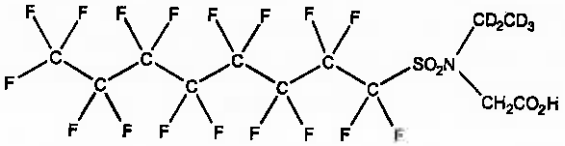
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: d5-N-EtFOSAA **LOT NUMBER:** d5NEtFOSAA1116

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) 11/22/2016

EXPIRY DATE: (mm/dd/yyyy) 11/22/2021

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:** 12/01/2016 (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:

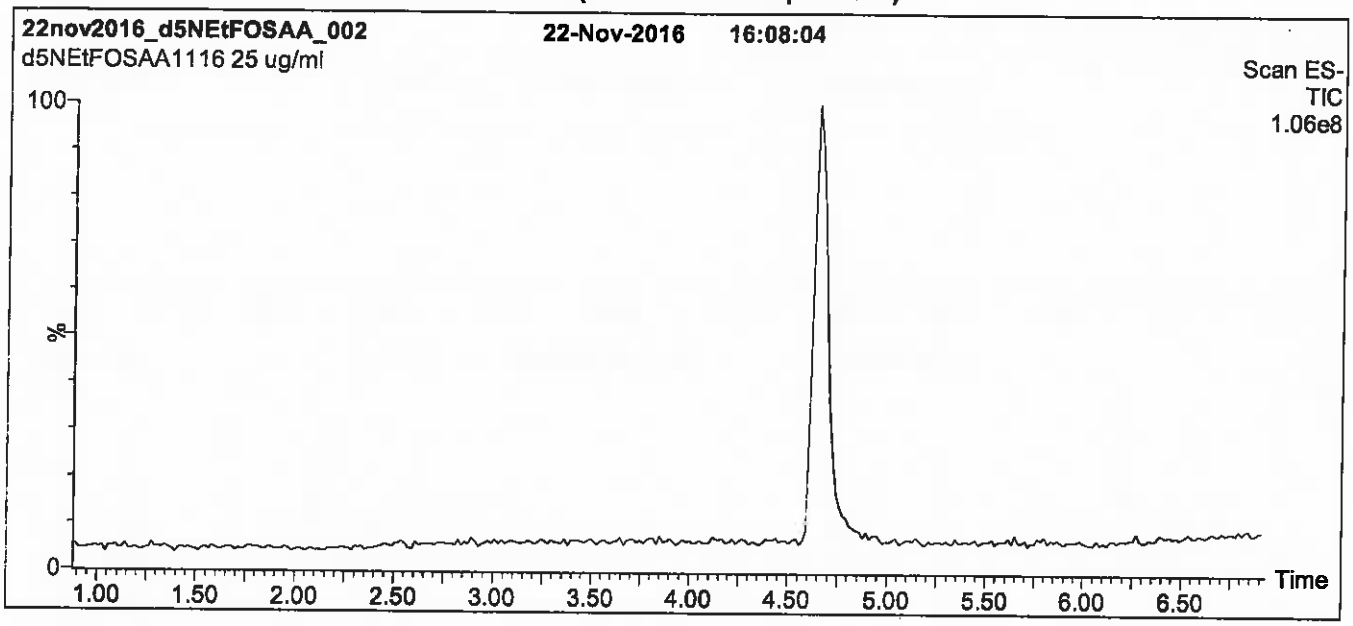
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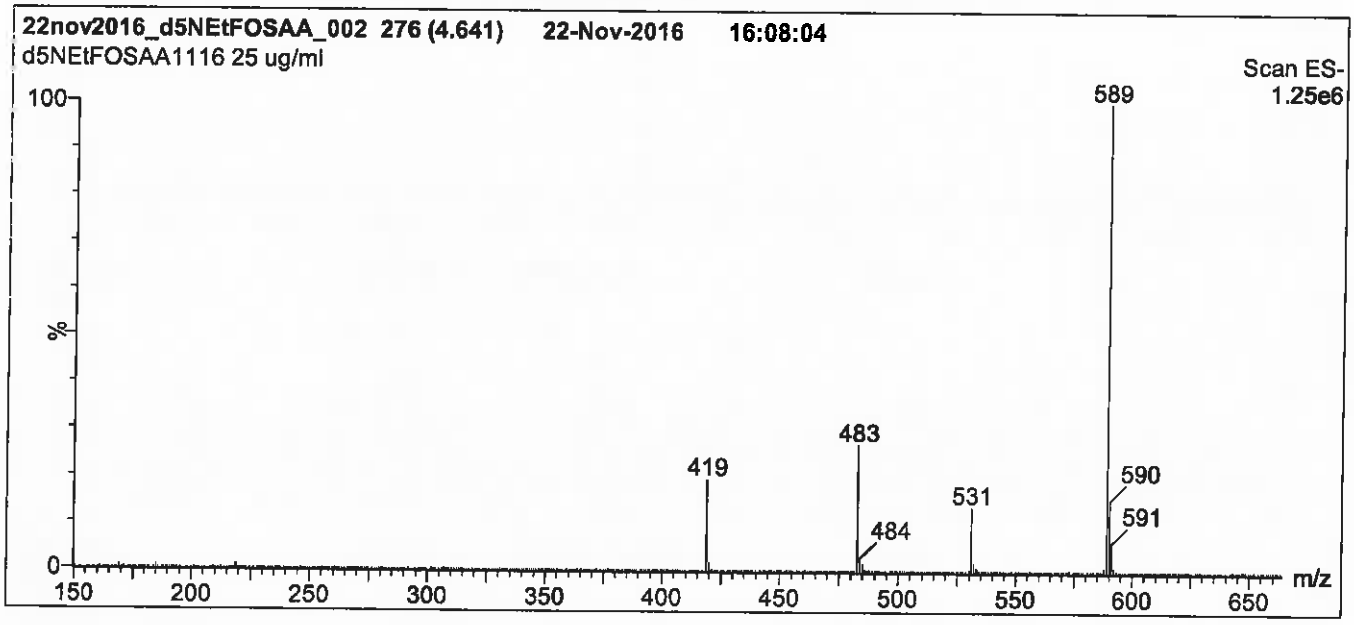
CALA

ANAB ACCREDITED

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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: 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

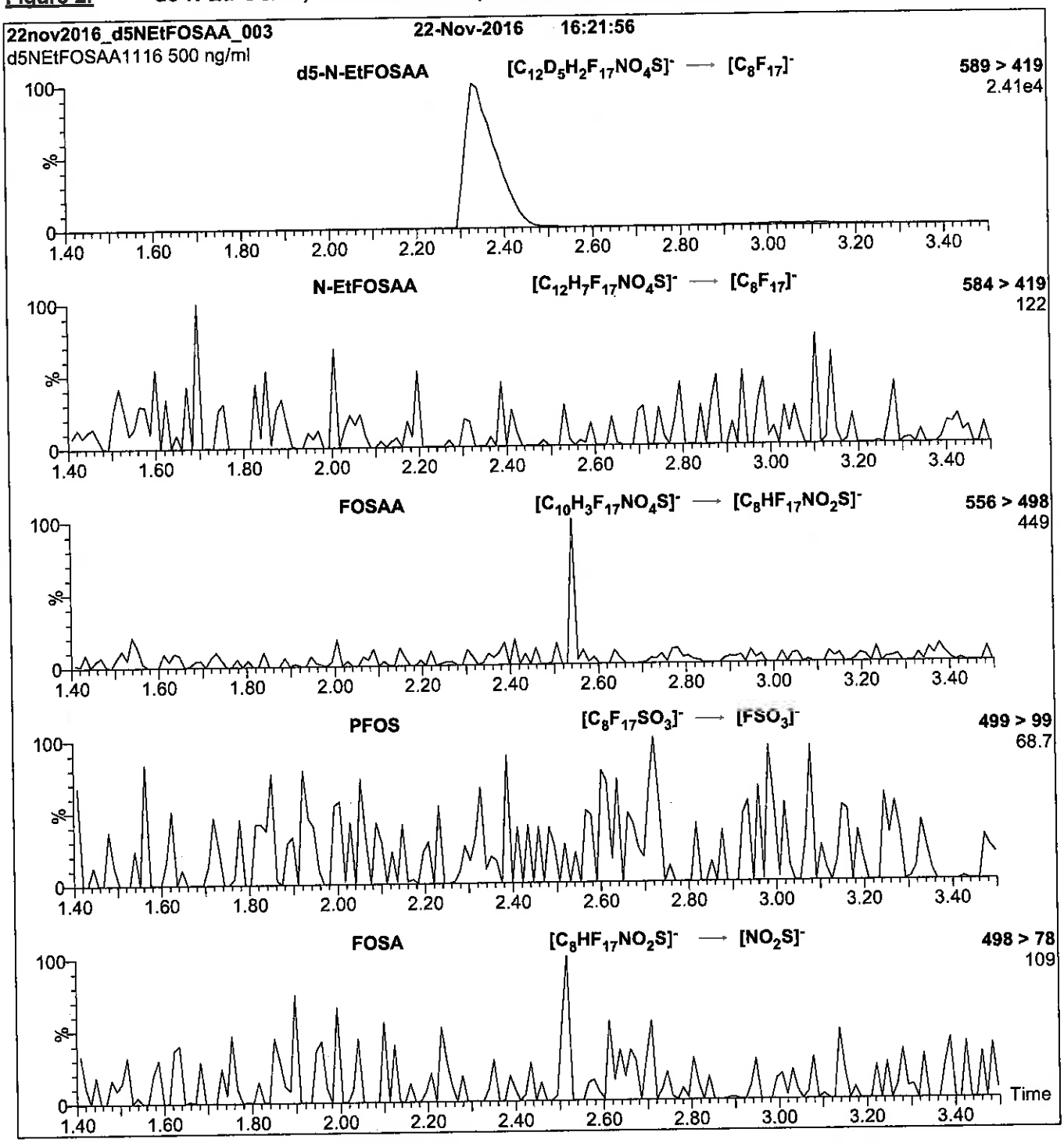
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 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)

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) = 20

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

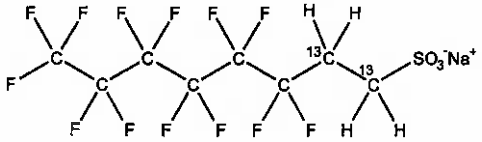
WELLINGTON LABORATORIES

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)	**SOLVENT(S):**	Methanol
	47.5 ± 2.4 µg/ml (M2-6:2FTS anion)		
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)

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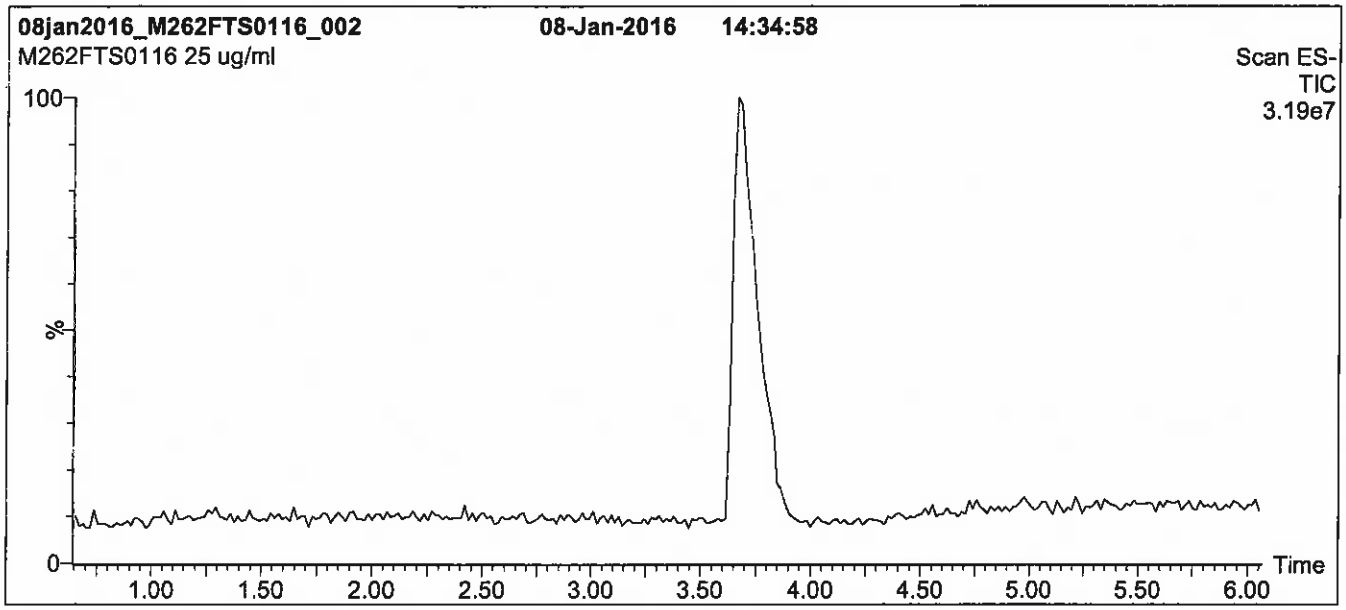
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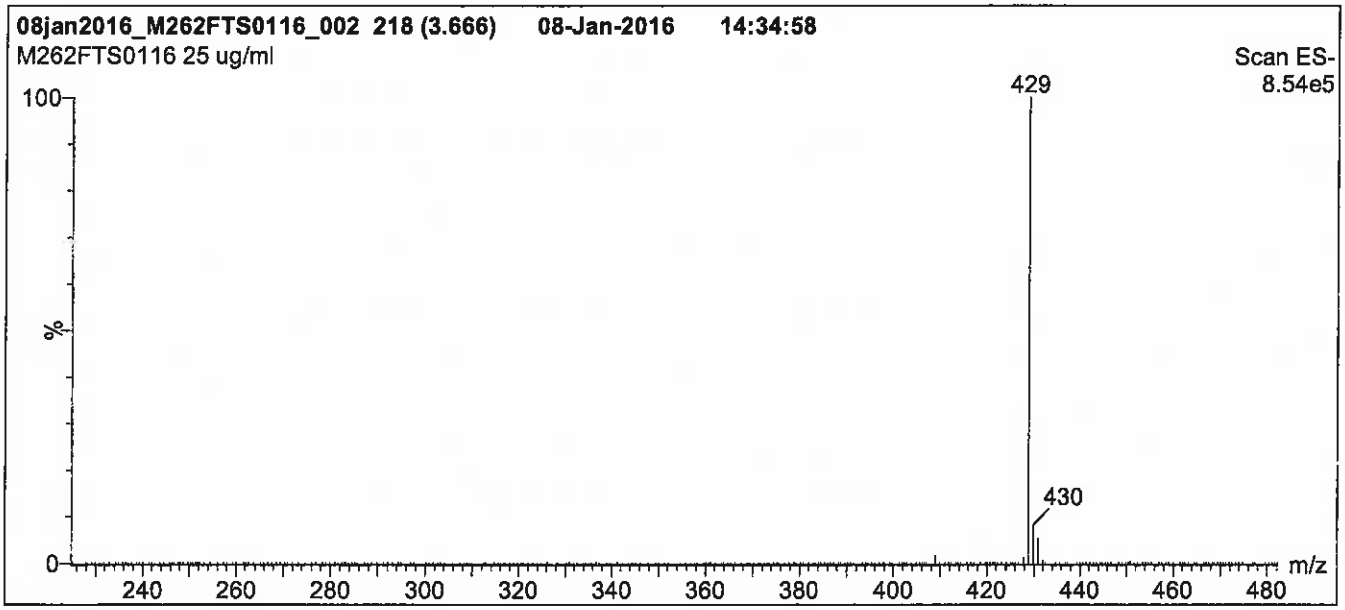
CALA

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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

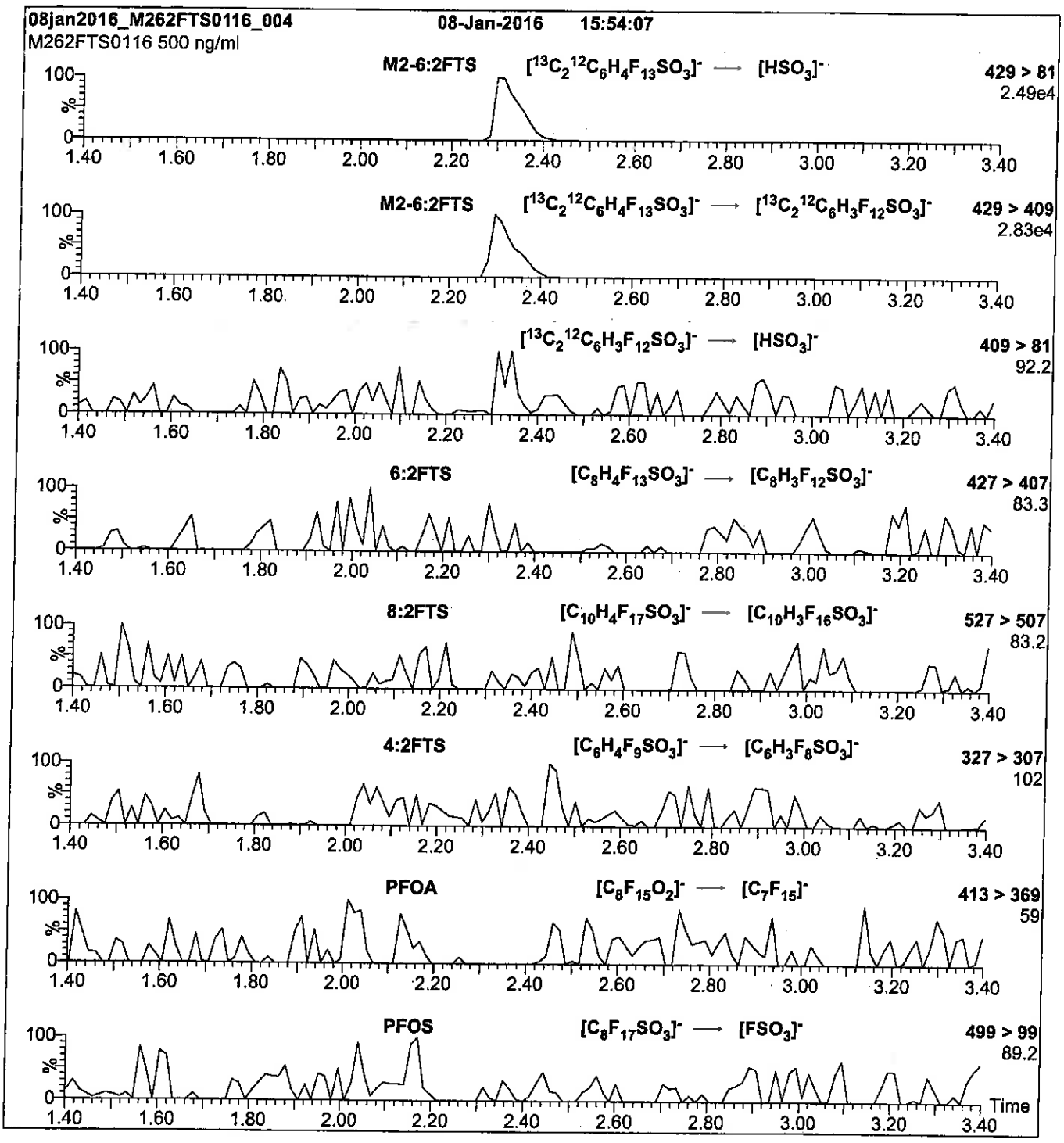
Flow: 300 µl/min

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

LCM2-6:FTS_00004

P: 3/20/17 SRV

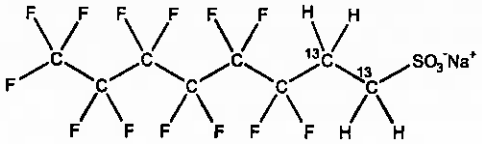
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: M2-6:2FTS **LOT NUMBER:** M262FTS0217

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
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CHEMICAL PURITY:	>98%	**ISOTOPIC PURITY:**	≥99% ^{13}C ($1,2\text{-}^{13}C_2$)
LAST TESTED: (mm/dd/yyyy)	02/17/2017		
EXPIRY DATE: (mm/dd/yyyy)	02/17/2022		
RECOMMENDED STORAGE:	Refrigerate ampoule		

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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:

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:

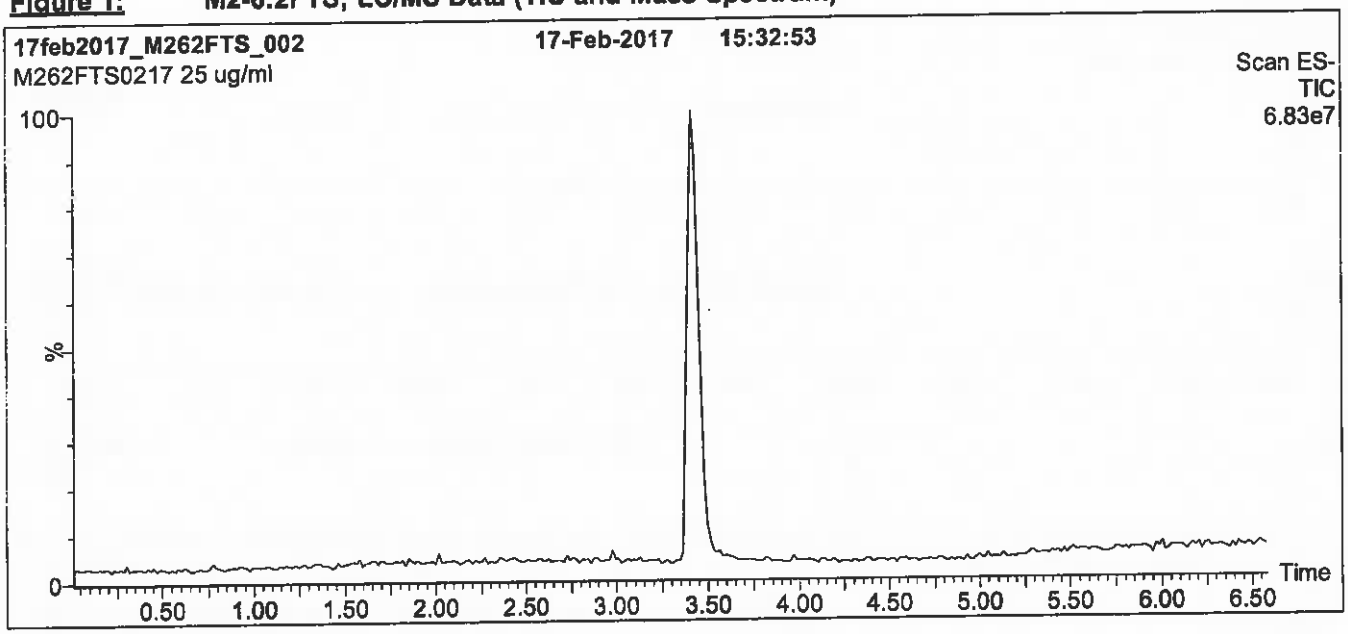
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

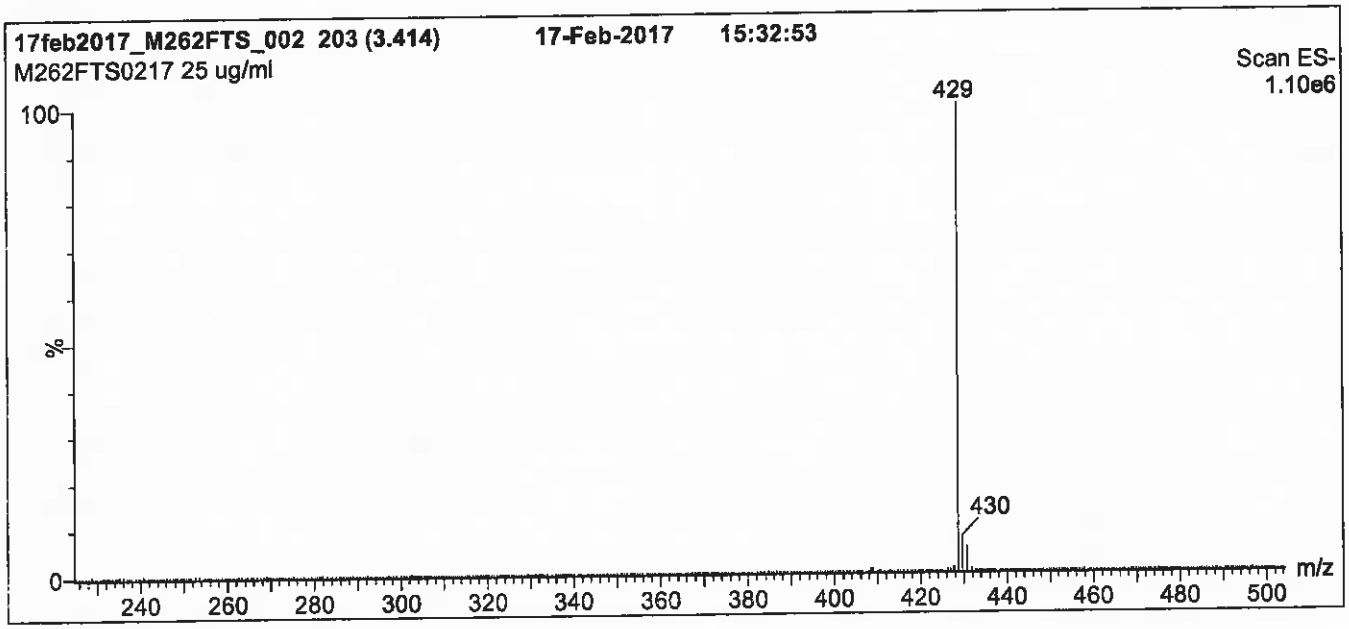
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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Figure 1: **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 8 min and hold for 1 min
before returning to initial conditions in 0.5 min.
Time: 10 min

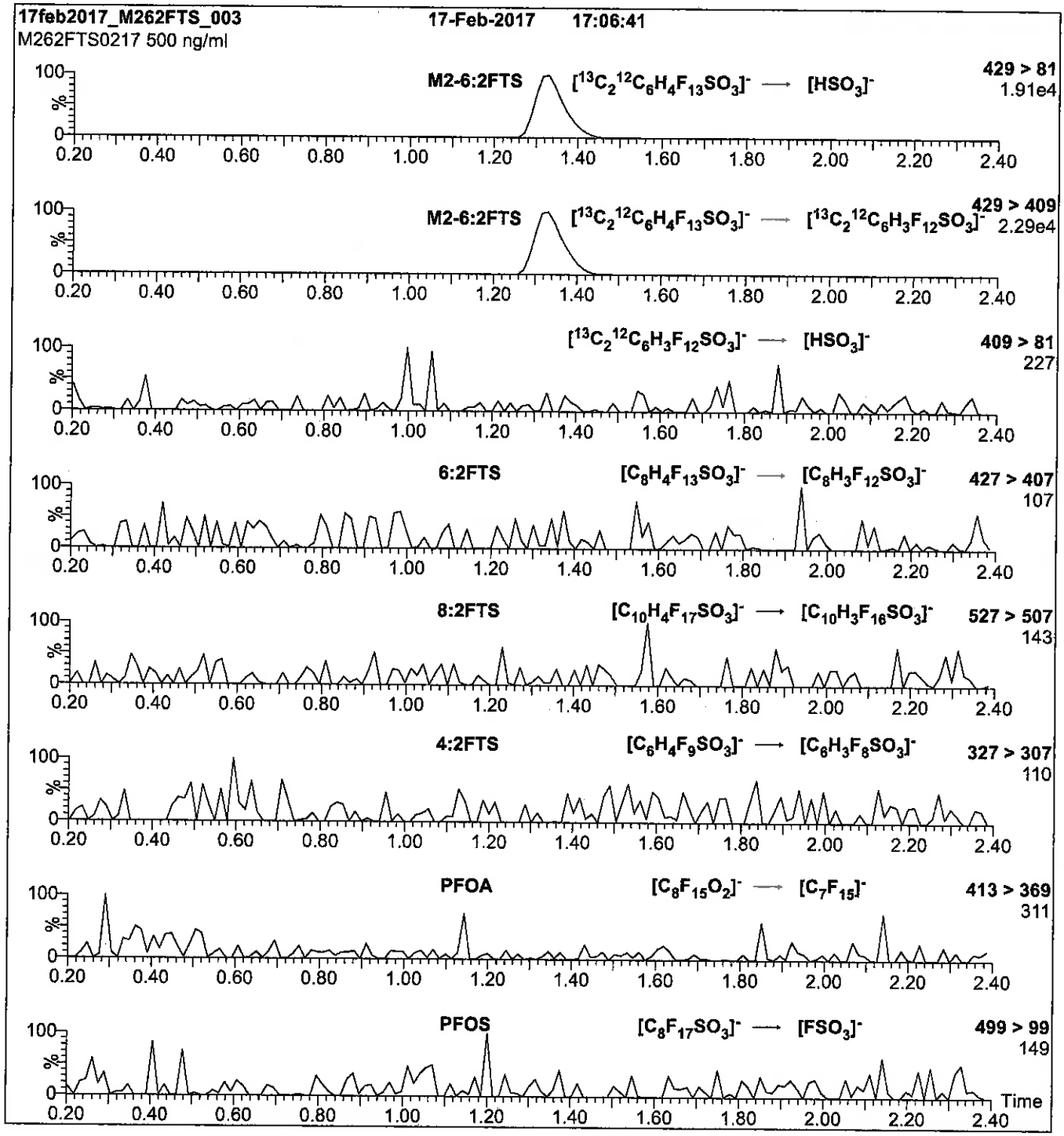
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (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: **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) = 3.39e-3
Collision Energy (eV) = 25

Reagent

LCM2-8:2FTS_00004

r: 3/20/17 SEV

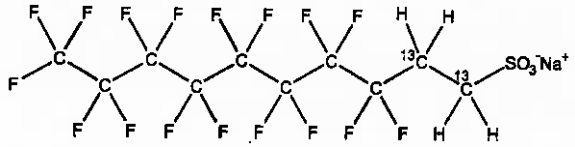
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE: M2-8:2FTS
LOT NUMBER: M282FTS0816
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)	**SOLVENT(S):**	Methanol
	47.9 ± 2.4 µg/ml (M2-8:2FTS anion)		
CHEMICAL PURITY:	>98%	**ISOTOPIC PURITY:**	≥99% ^{13}C ($1,2\text{-}^{13}C_2$)
LAST TESTED: (mm/dd/yyyy)	08/22/2016		
EXPIRY DATE: (mm/dd/yyyy)	08/22/2021		
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:** 09/02/2016 (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:

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HOMOGENEITY:

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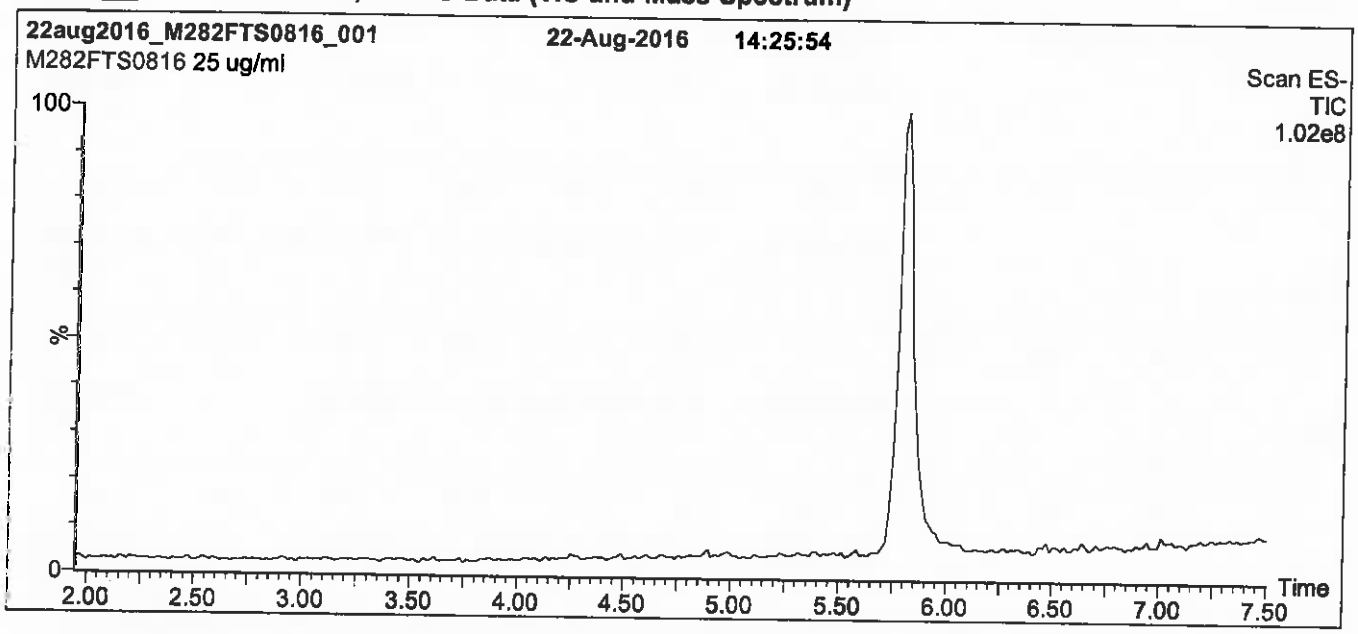
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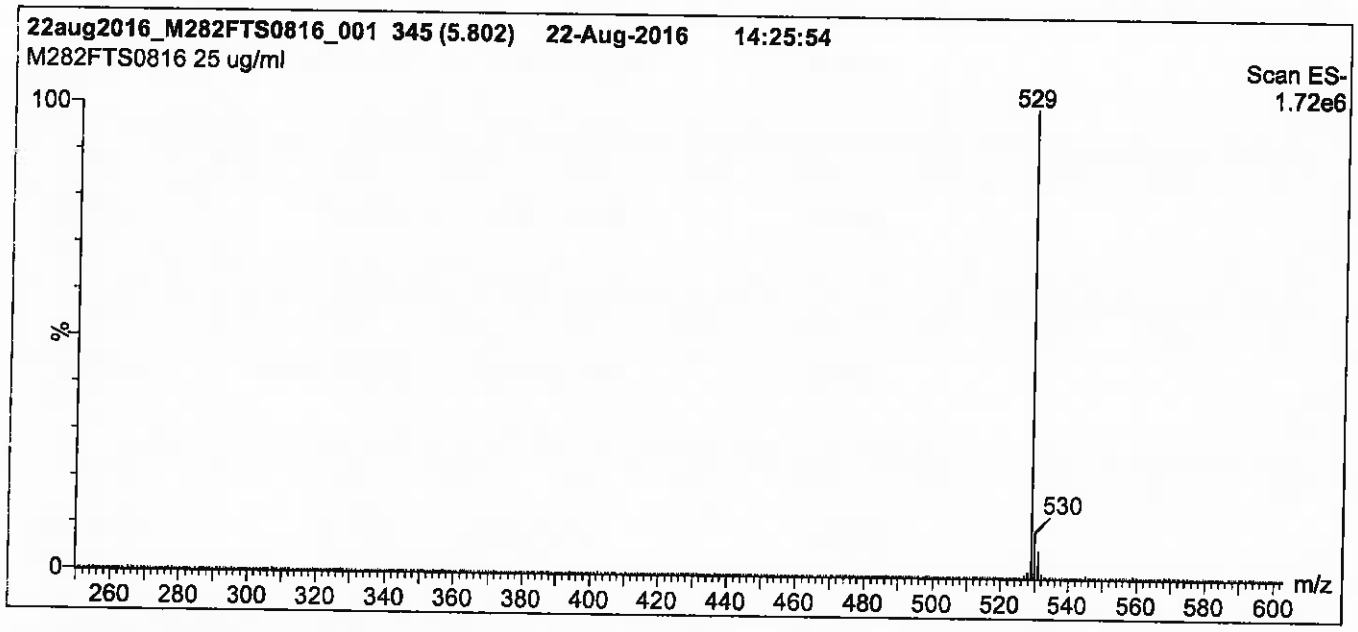
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Figure 1: **M2-8:2FTS; LC/MS Data (TIC and Mass Spectrum)**





Conditions for Figure 1:

LC: **Waters Acquity Ultra Performance LC**
MS: **Micromass Quattro *micro* API MS**

Chromatographic Conditions

Column: Agilent Zorbax Bonus-RP
1.8 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 7.5 min and hold for 1.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min

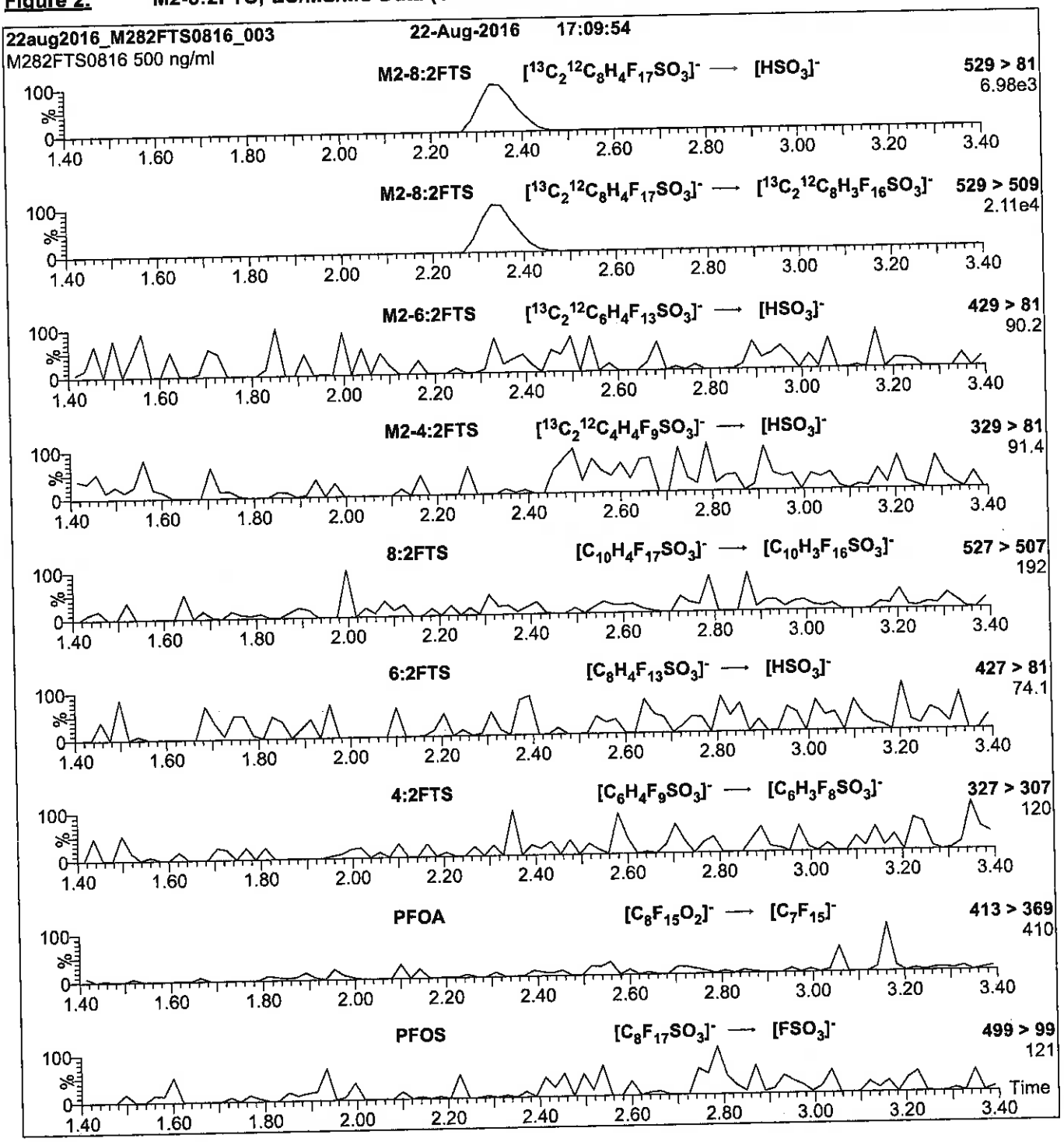
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (250 - 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) = 3.31e-3
Collision Energy (eV) = 30

Reagent

LCM2PFHxDA_00008

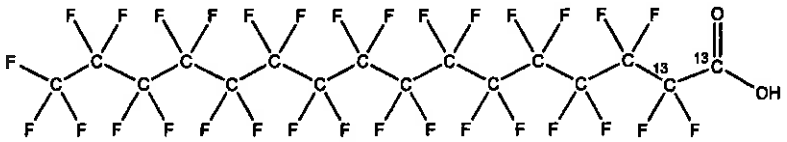
R: SBC 9/22/16

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 ($1,2\text{-}^{13}C_2$)
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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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.

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where x is expressed as a relative standard uncertainty of the individual parameter.

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EXPIRY DATE / PERIOD OF VALIDITY:

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LIMITED WARRANTY:

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QUALITY MANAGEMENT:

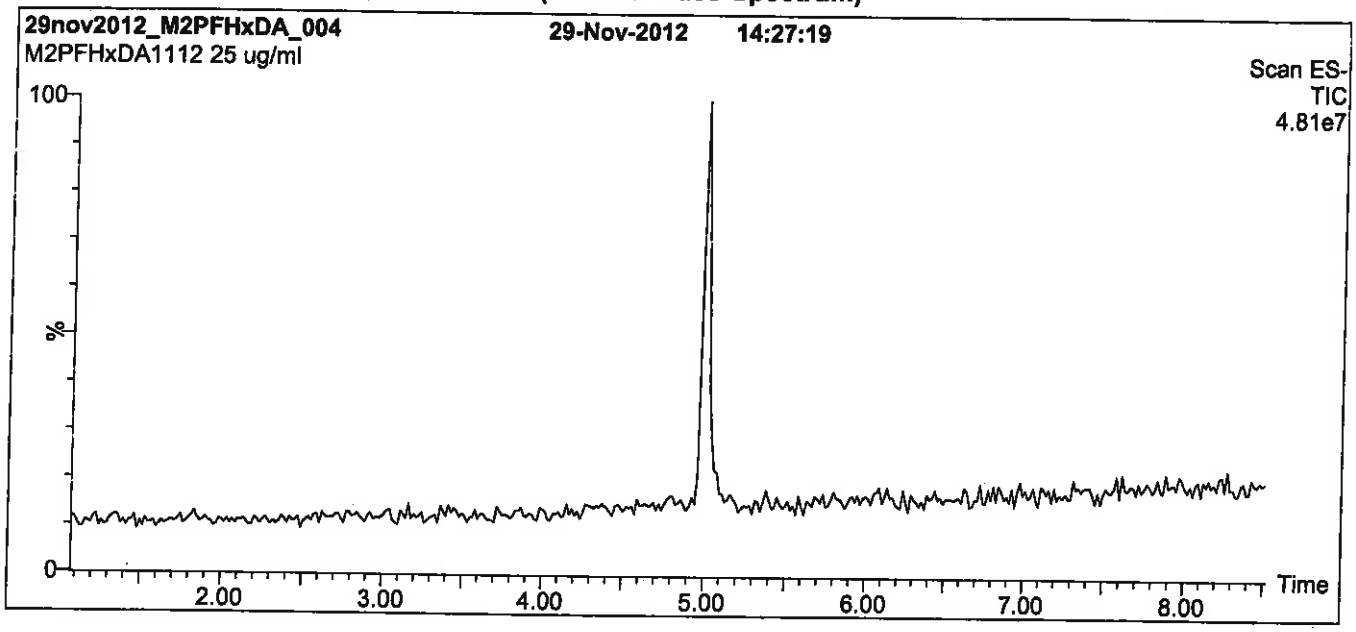
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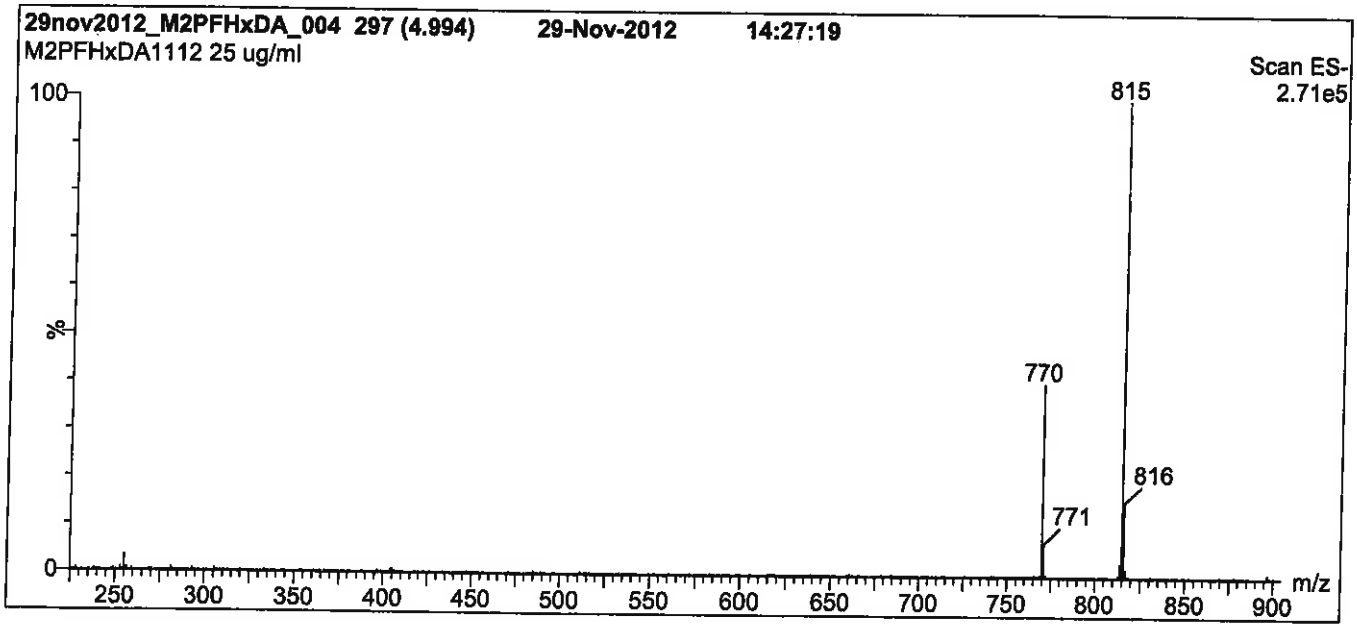
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Figure 1: **M2PFHxDA; LC/MS Data (TIC and Mass Spectrum)**





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

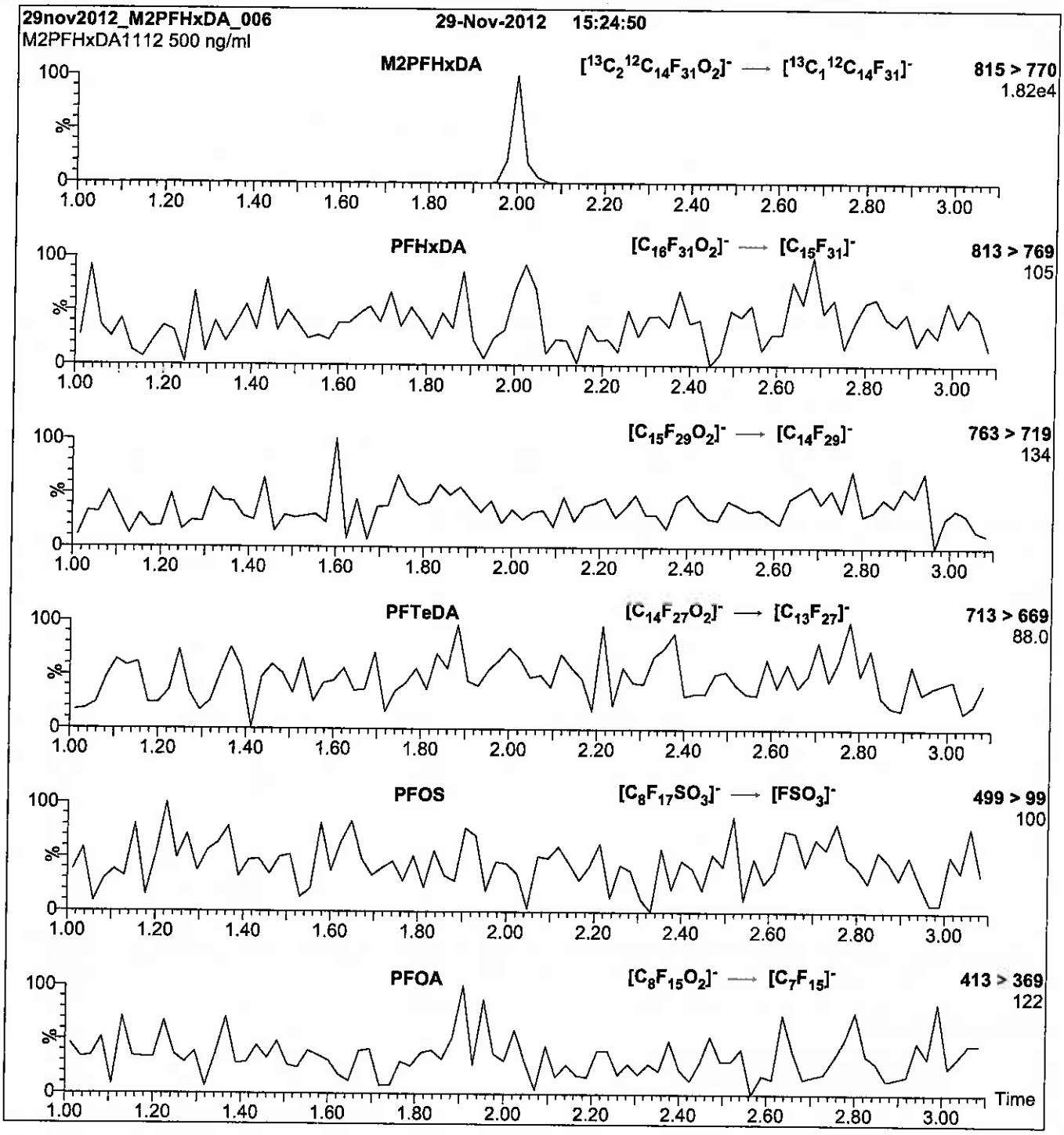
Flow: 300 µl/min

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)
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) = 15

Reagent

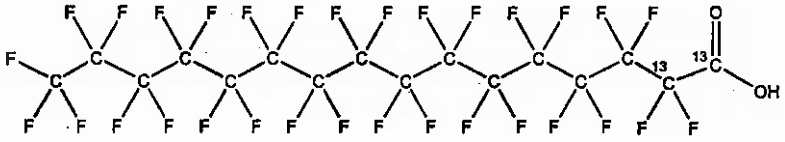
LCM2PFHxDA_00009

rr: 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 ($1,2\text{-}^{13}C_2$)
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		

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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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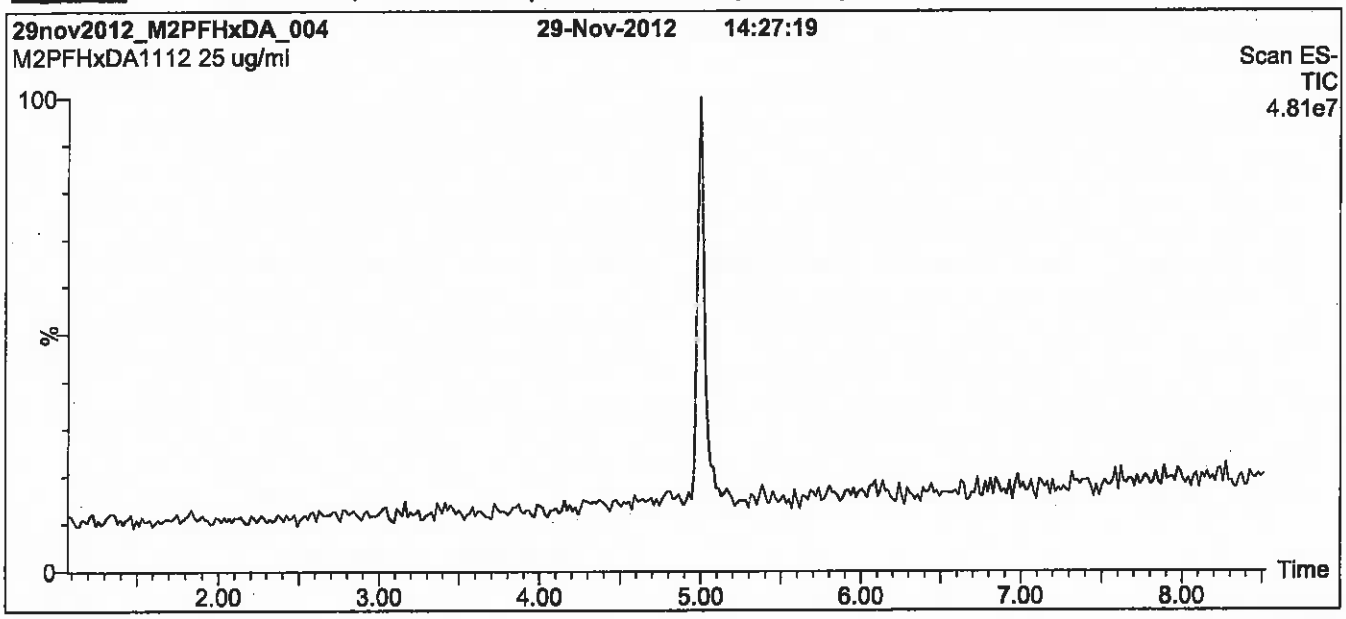
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

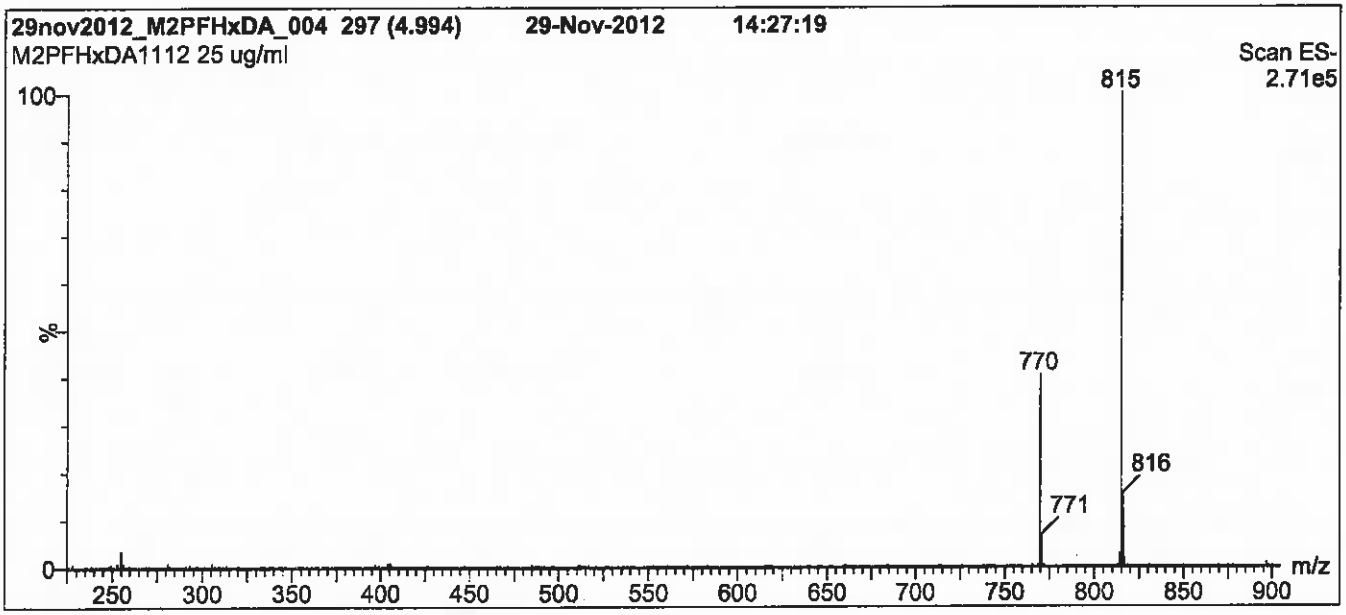
CALA

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: **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

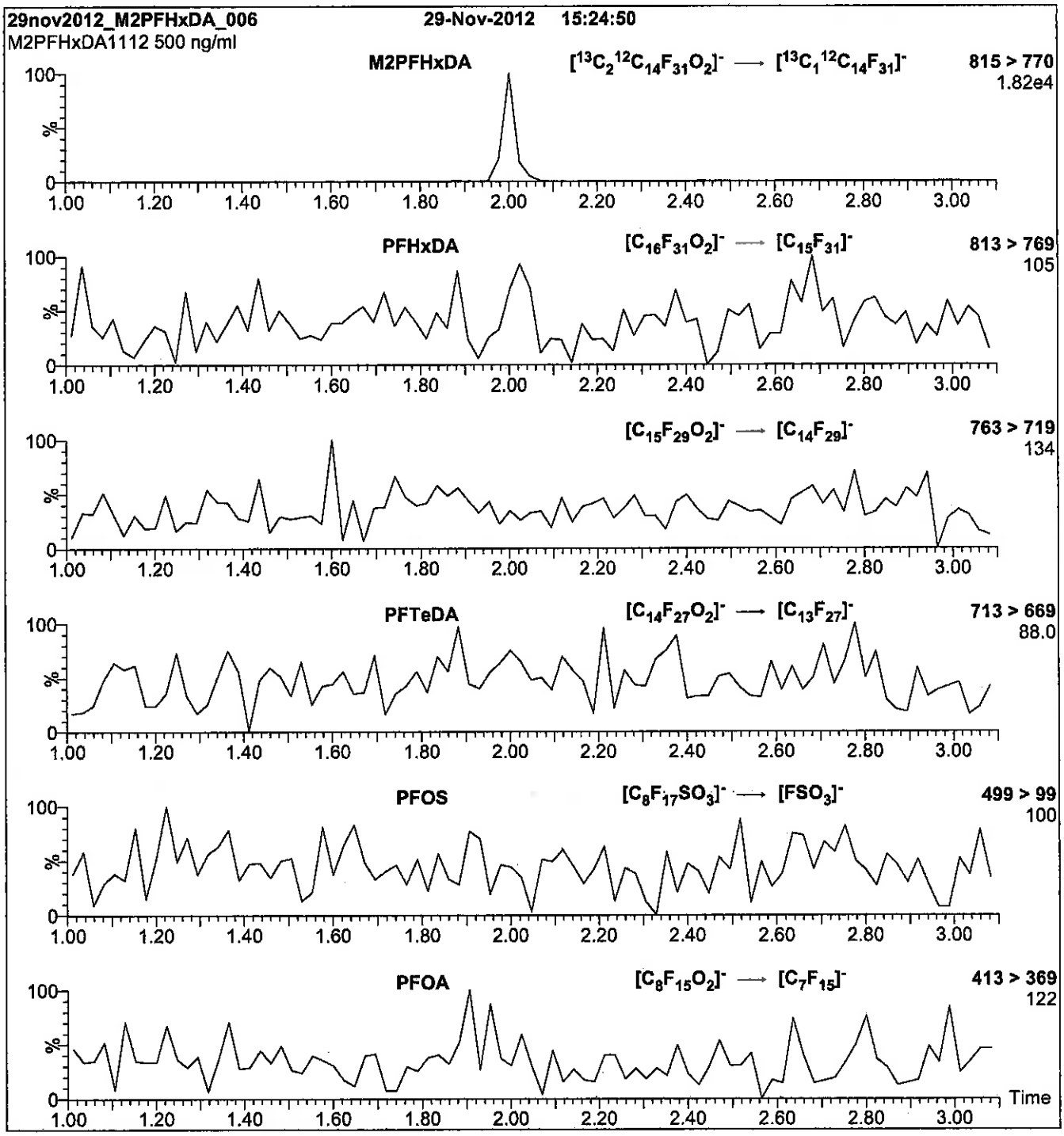
Flow: 300 µl/min

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)

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) = 15

Reagent

LCM2PFOA_00005

Rec'd. 2/10/15 SV

WELLINGTON LABORATORIES

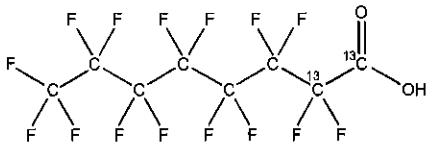
CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE: M2PFOA
COMPOUND: Perfluoro-n-[1,2-$^{13}C_2$]octanoic acid

LOT NUMBER: M2PFOA0613

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
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. They are designed to be used as reference standards for the identification and/or quantification of specific chemical compound(s).

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. 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.

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 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 $x_1, x_2,...x_n$ on which it depends is:

$$u_c(y(x_1, x_2, ...x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

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:

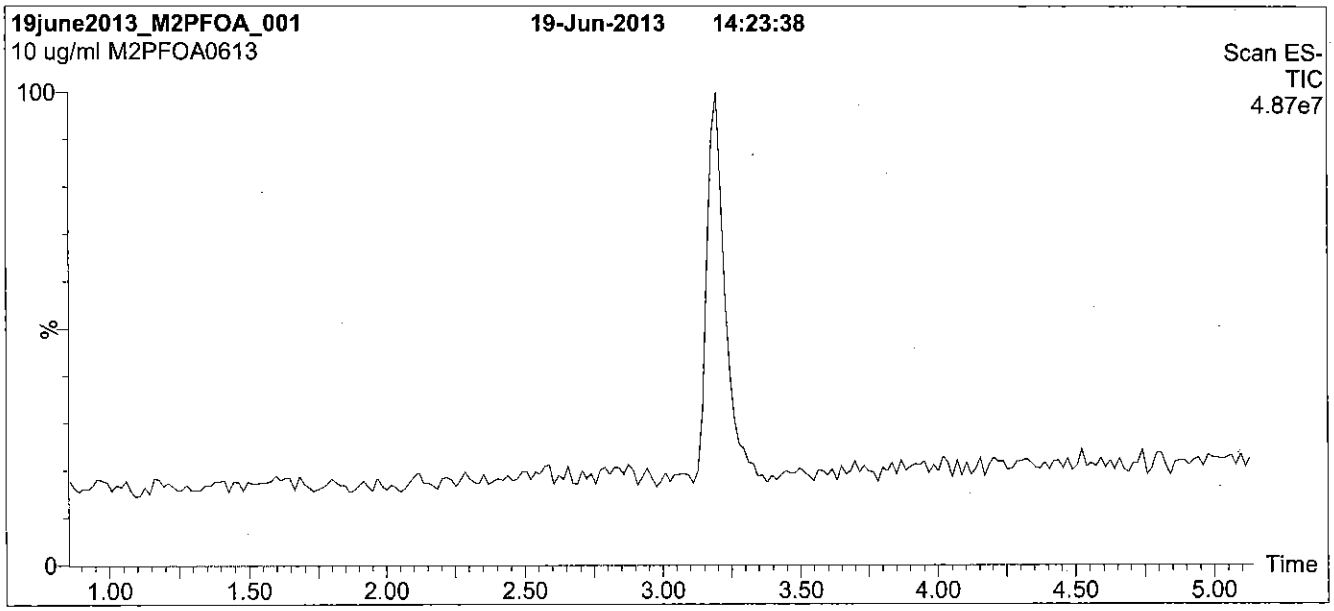
This product was produced using a Quality Management System registered to ISO 9001:2008 by SAI Global, ISO/IEC 17025:2005 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34:2009 by ACLASS (certificate number AR-1523).

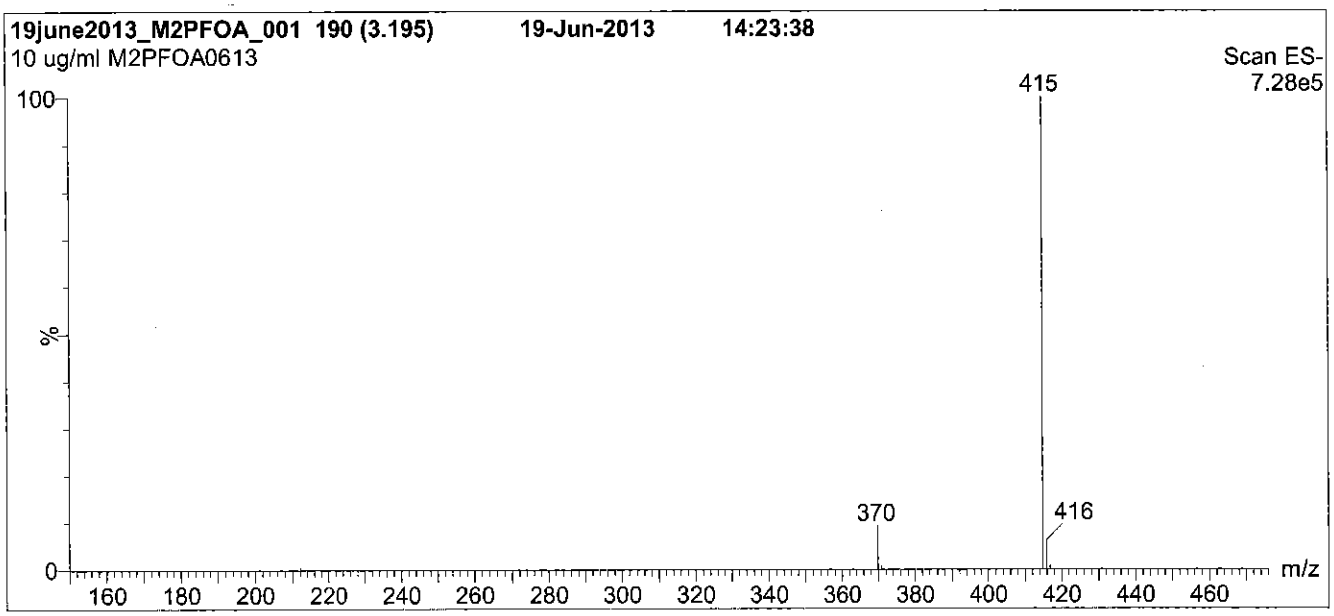
CALA Testing Accreditation No. A1226

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

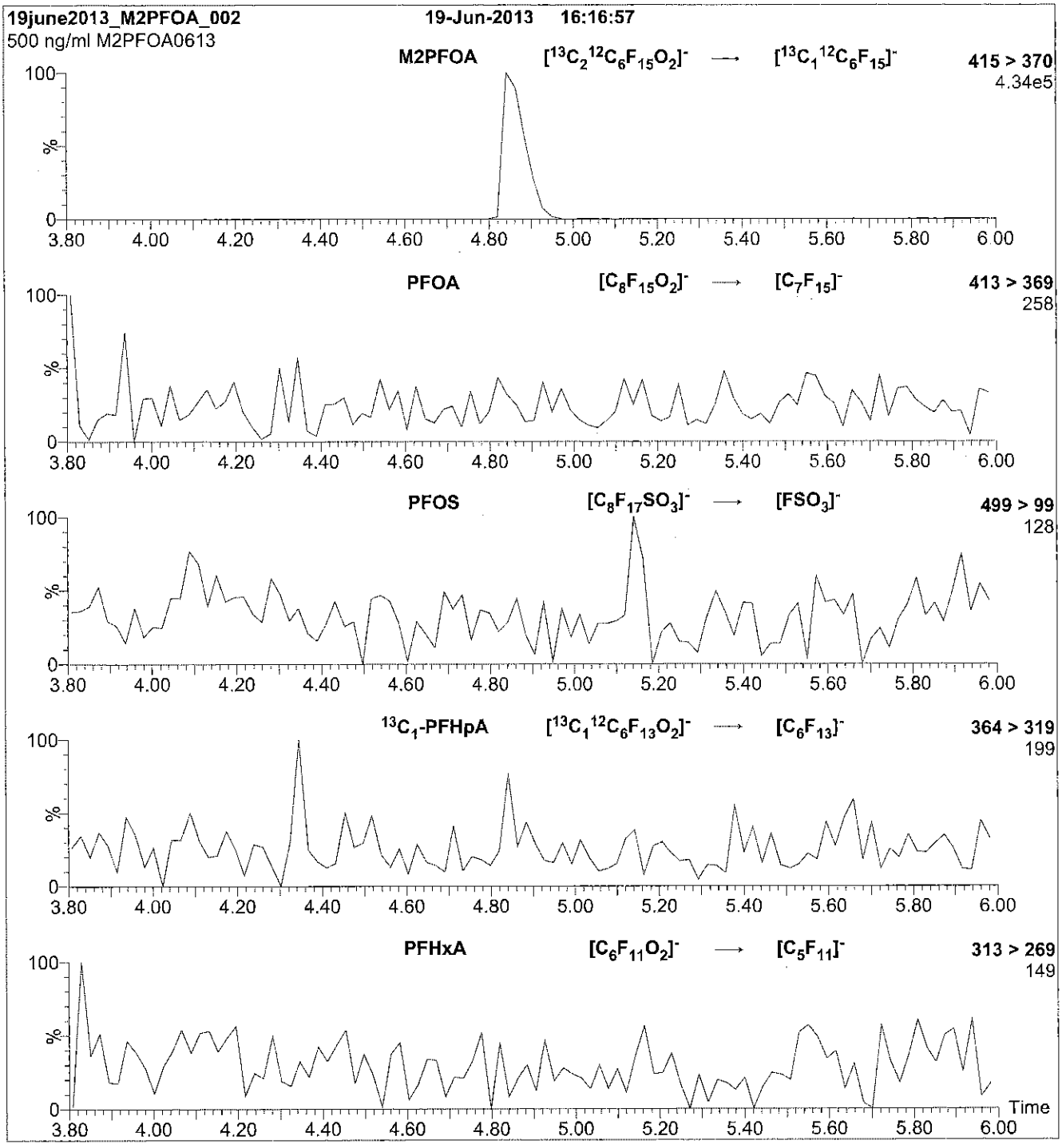
Flow: 300 µl/min

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

LCM2PFOA_00006

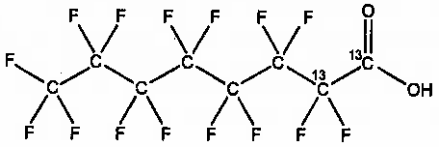
R: SBC 12/21/16

814260
ID: LCM2PFOA_00006
Exp: 02/12/21 Prpd: SBC
13C2-PFOA Stock 50ug/mL

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE:	M2PFOA	**LOT NUMBER:**	M2PFOA0216
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)	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.

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
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:

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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.

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:

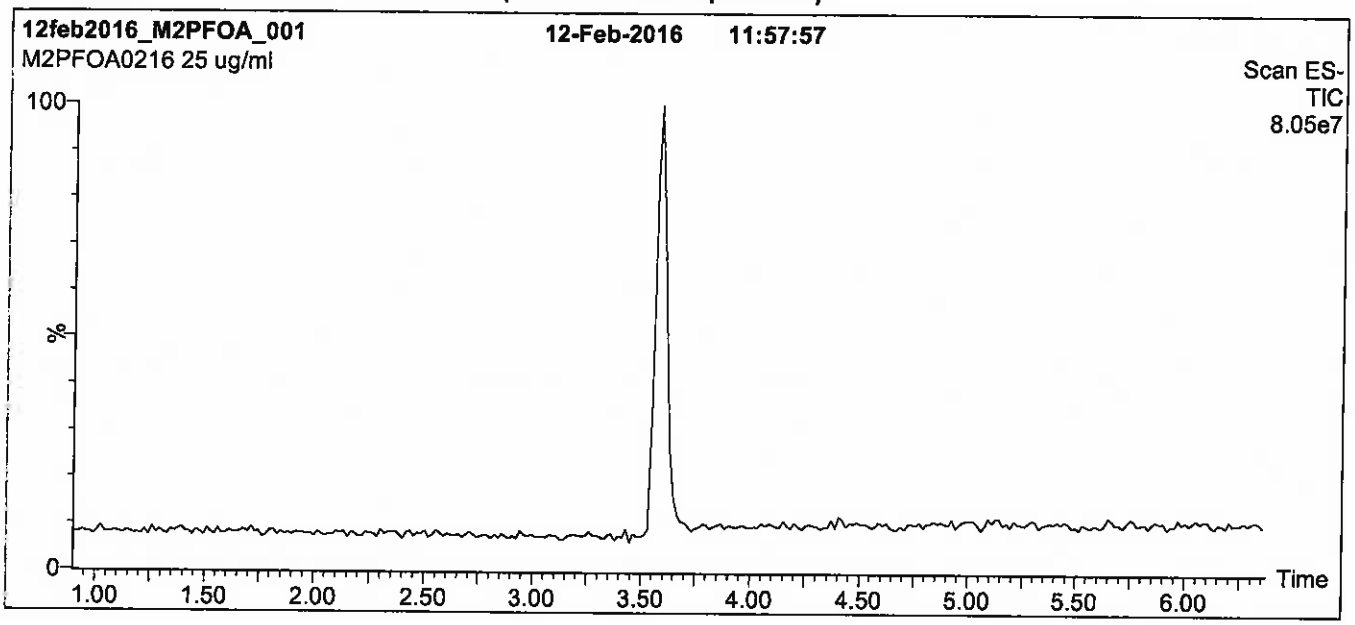
At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

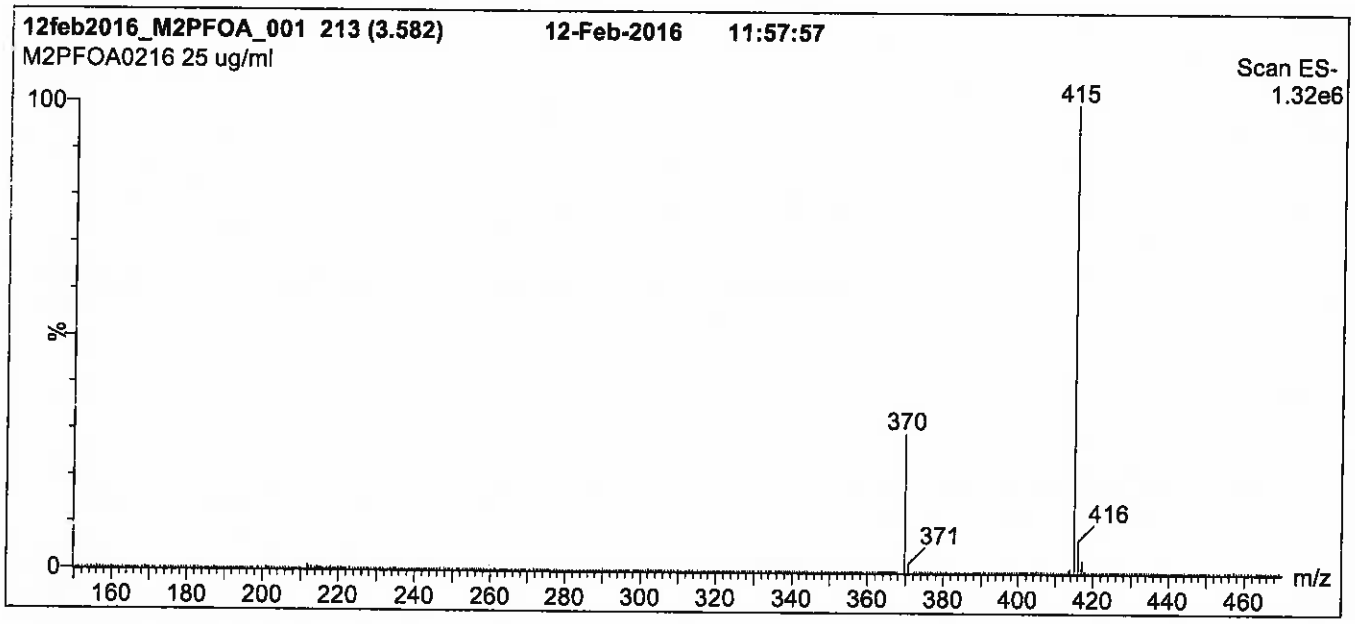
QUALITY MANAGEMENT:

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).

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 7.5 min and hold for 1.5 min before returning to initial conditions in 0.5 min.
Time: 10 min

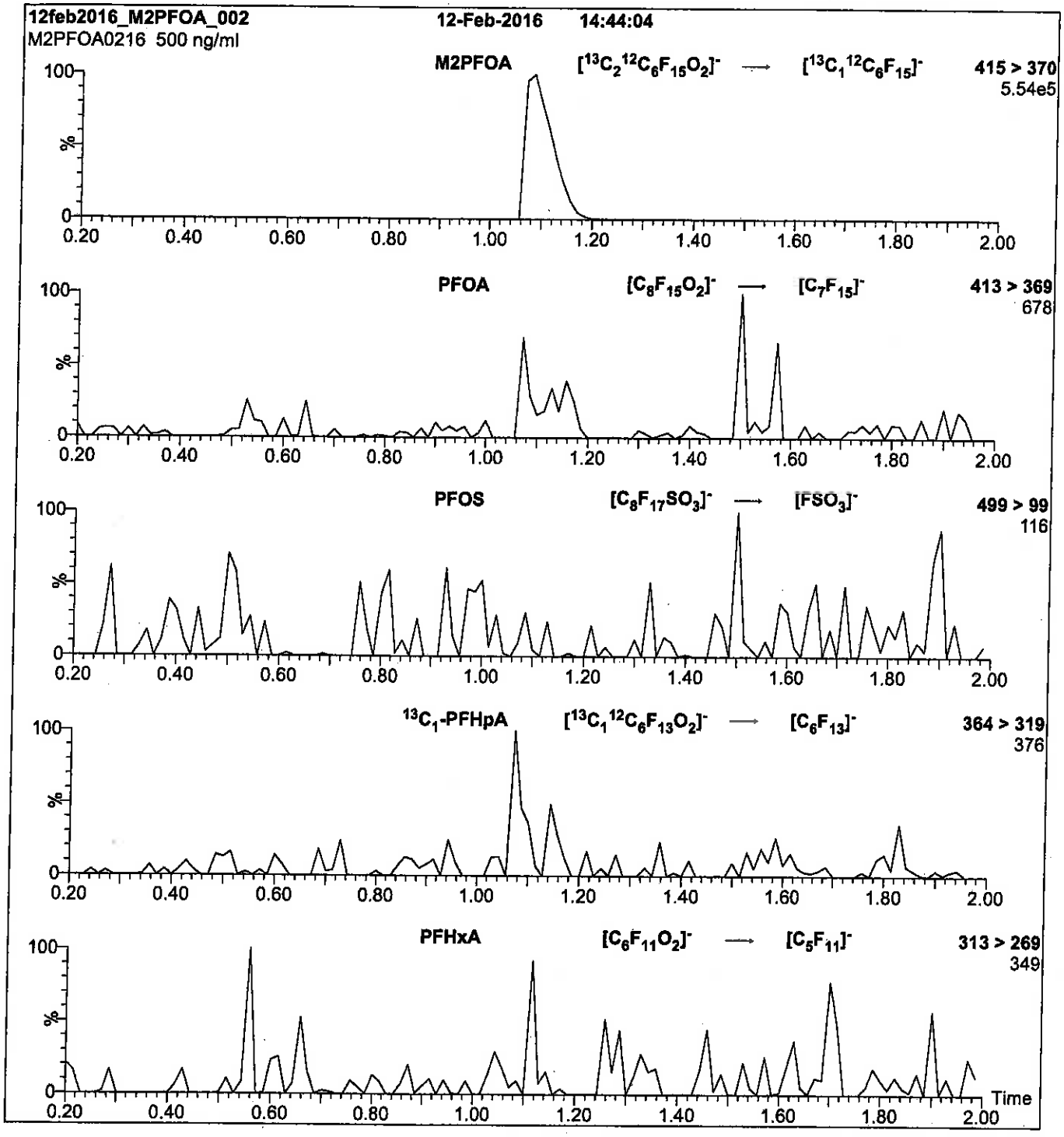
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 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% MeOH / 20% H_2O
Flow:	300 µl/min

MS Parameters

Collision Gas (mbar) = 3.39e-3
Collision Energy (eV) = 10

Reagent

LCM2PFTeDA_00007

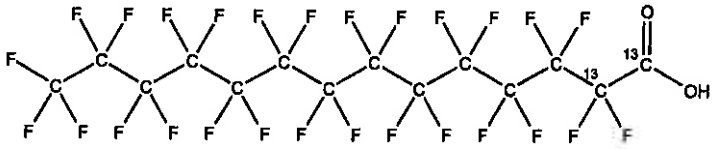
Scanned 10/14/16 R: SBC 9/22/16

738563
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 ($1,2\text{-}^{13}C_2$)
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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where x is expressed as a relative standard uncertainty of the individual parameter.

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EXPIRY DATE / PERIOD OF VALIDITY:

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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:

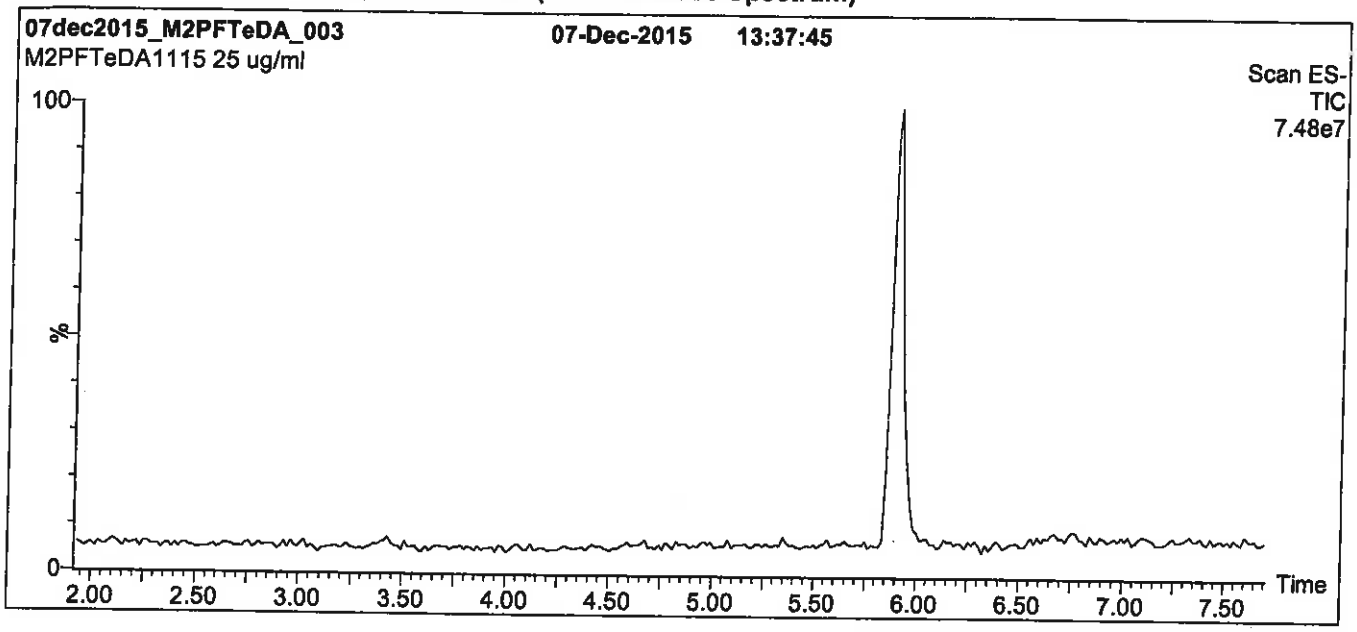
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

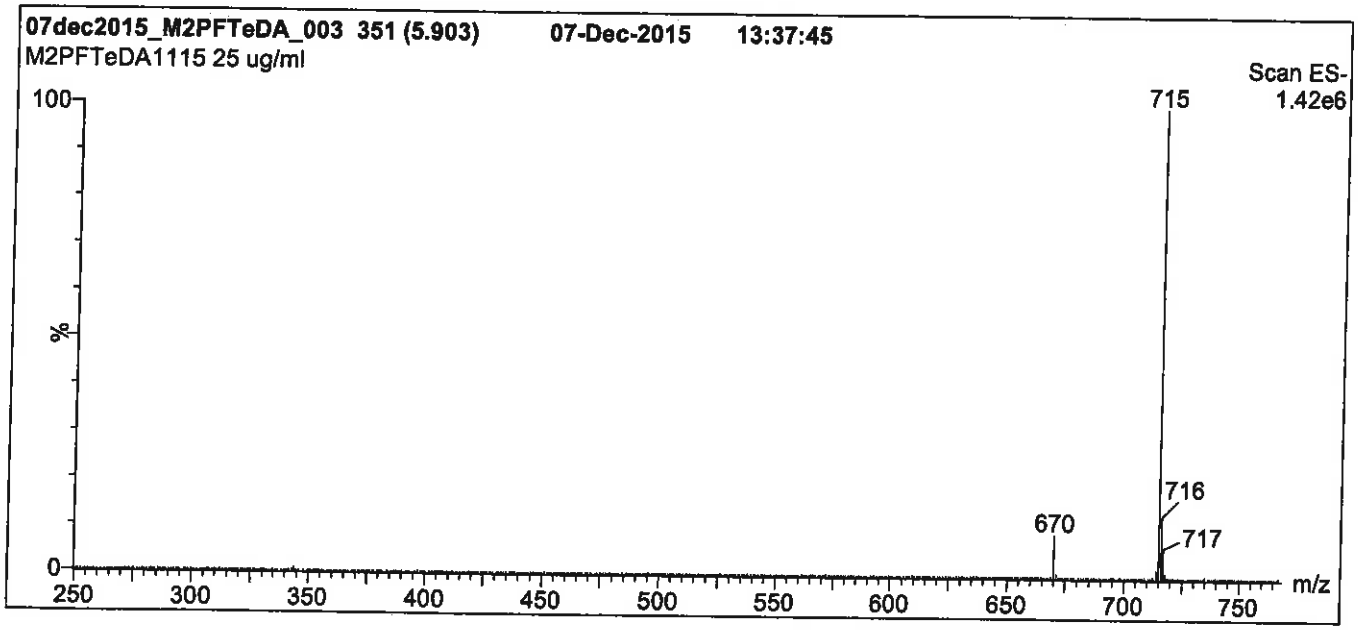
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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Figure 1: **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

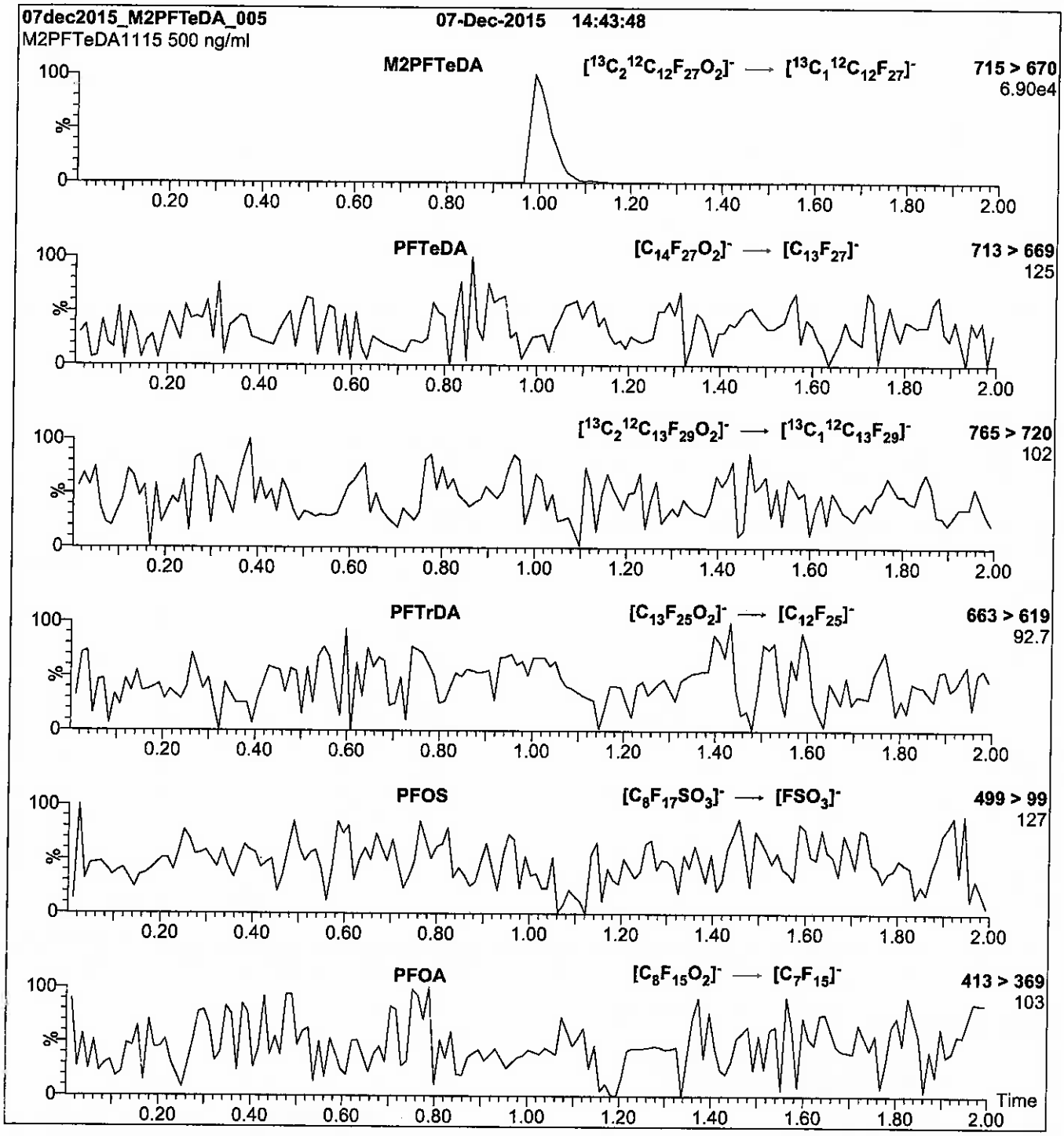
Flow: 300 µl/min

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

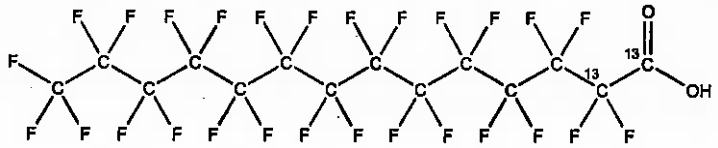
LCM2PFTeDA_00008

r: 3/5/17 SCV

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

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:

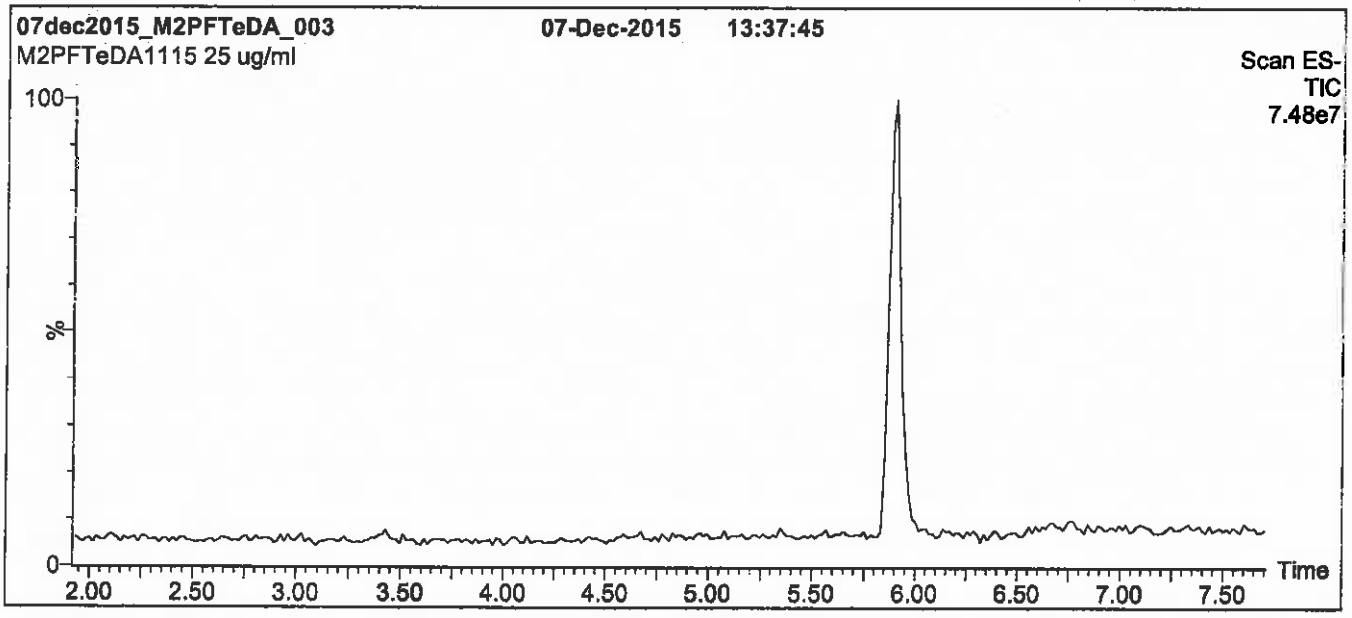
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

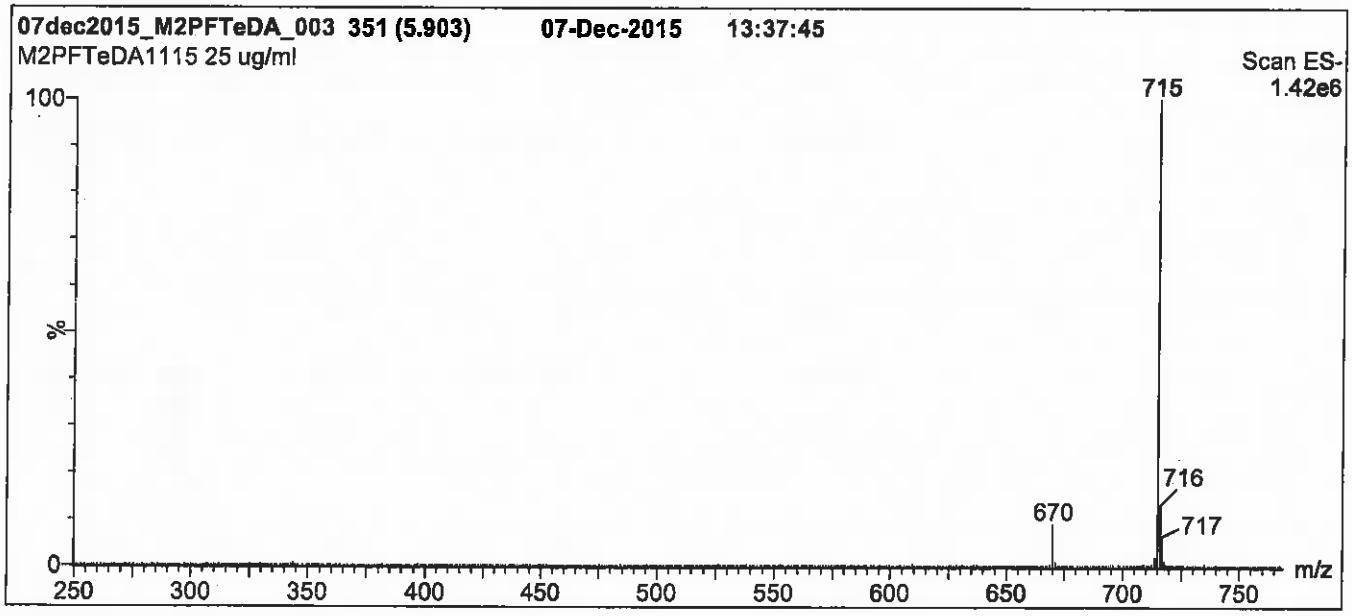
CALA

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: **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

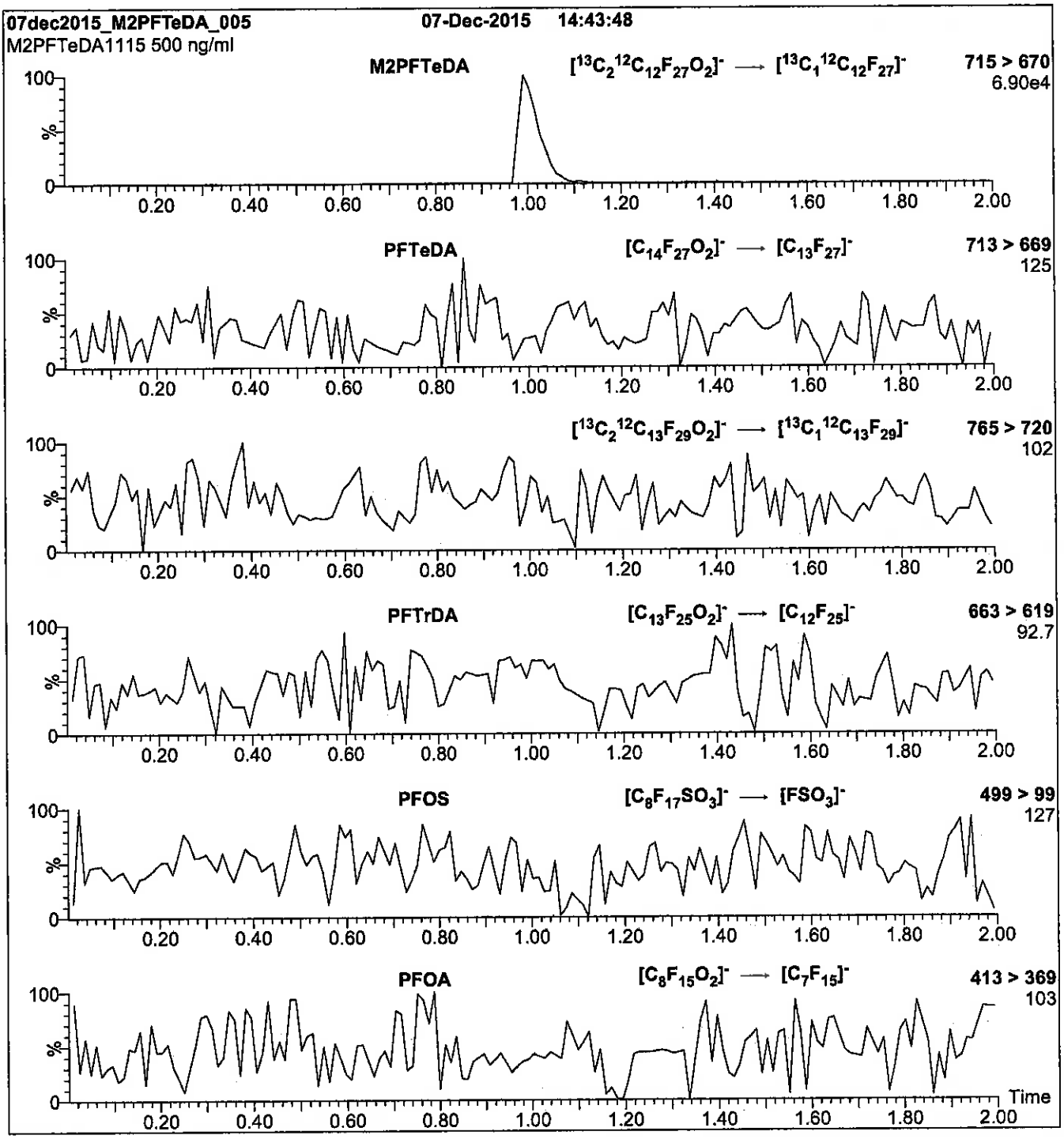
Flow: 300 µl/min

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

LCM4PFHPA_00007

R: SBC 9/22/16

739567
ID: LCM4PFHPA_00007
Exp: 05/27/21 Prpd: SBC
13C4-Perfluoroheptanoic a

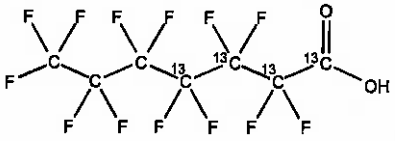
WELLINGTON LABORATORIES

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		

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.

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 $x_1, x_2,...x_n$ on which it depends is:

$$u_c(y(x_1, x_2, ...x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

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:

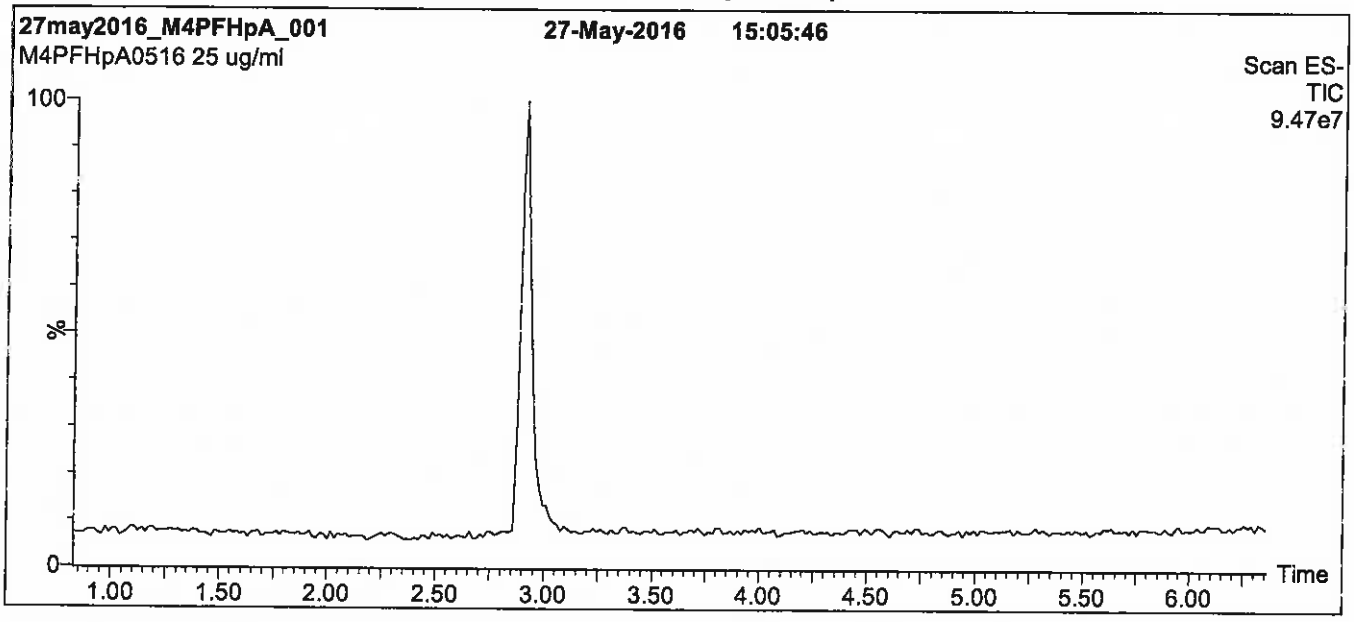
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

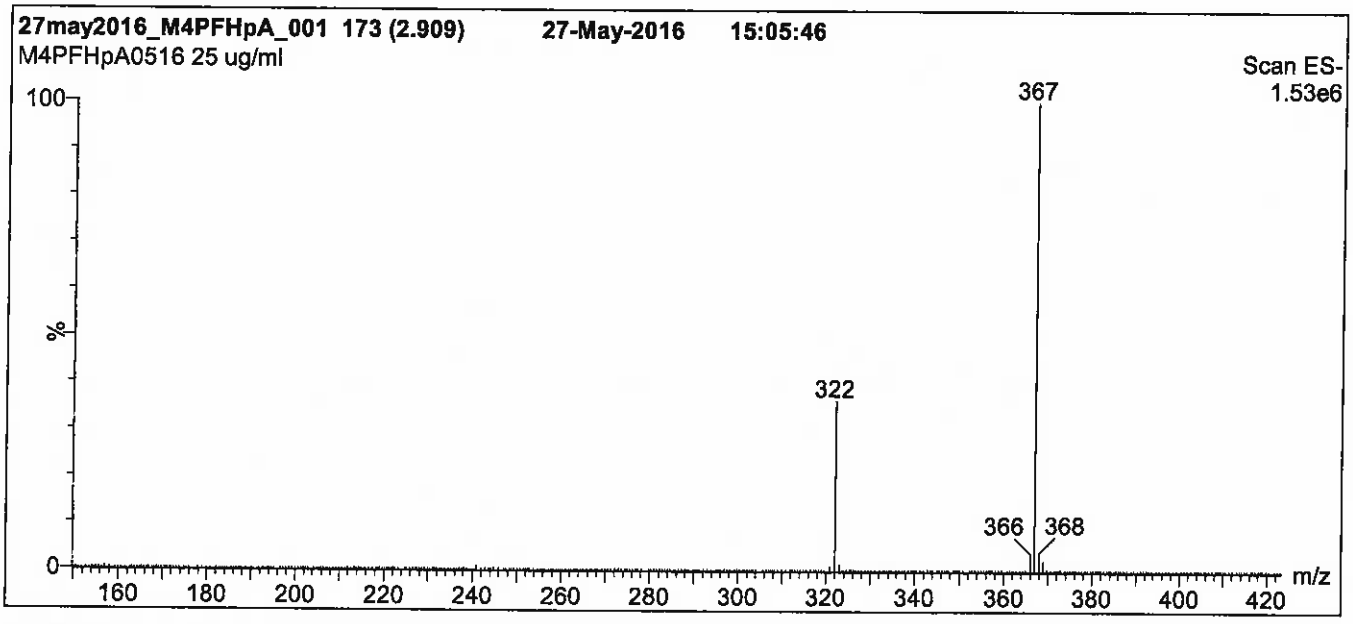
CALA Testing

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: **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

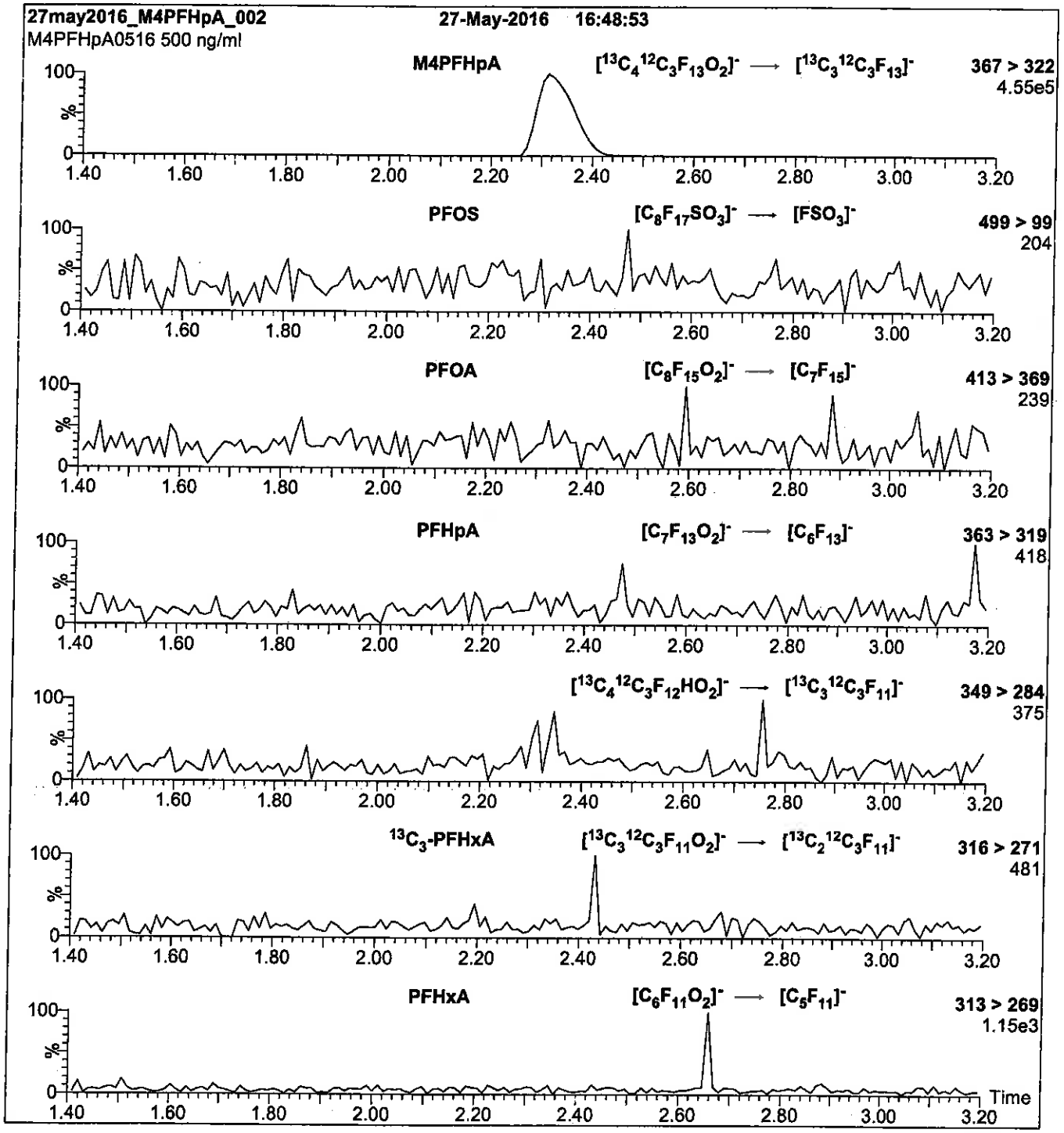
Flow: 300 µl/min

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

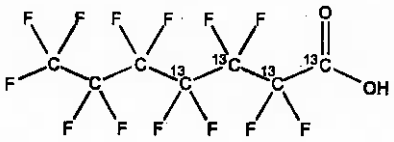
LCM4PFHPA_00008

P: 3/9/17 SN

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

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		

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

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where x is expressed as a relative standard uncertainty of the individual parameter.

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TRACEABILITY:

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LIMITED WARRANTY:

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QUALITY MANAGEMENT:

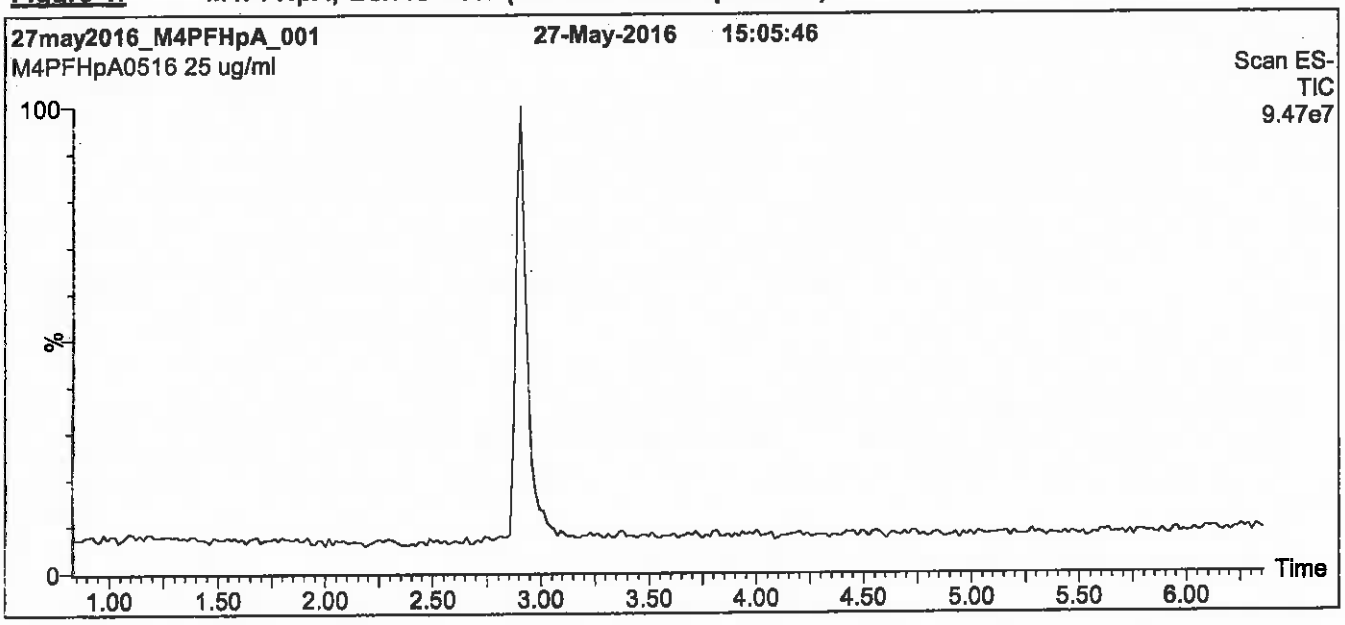
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

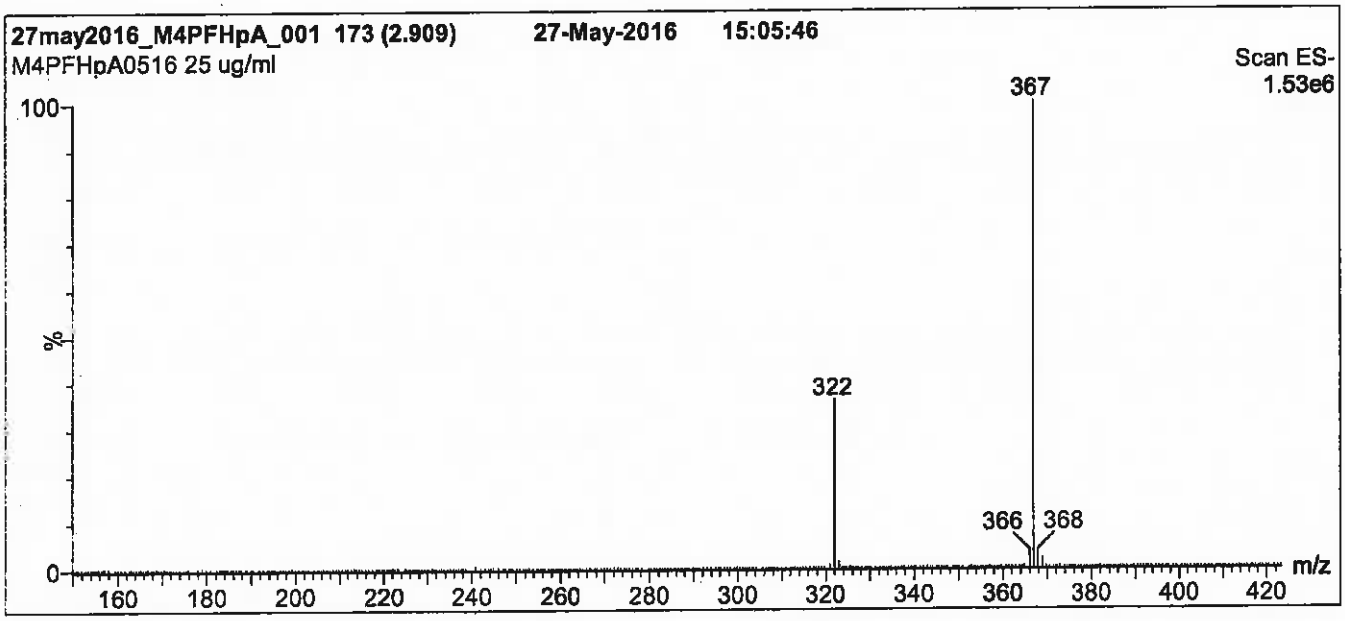
CALA

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: **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

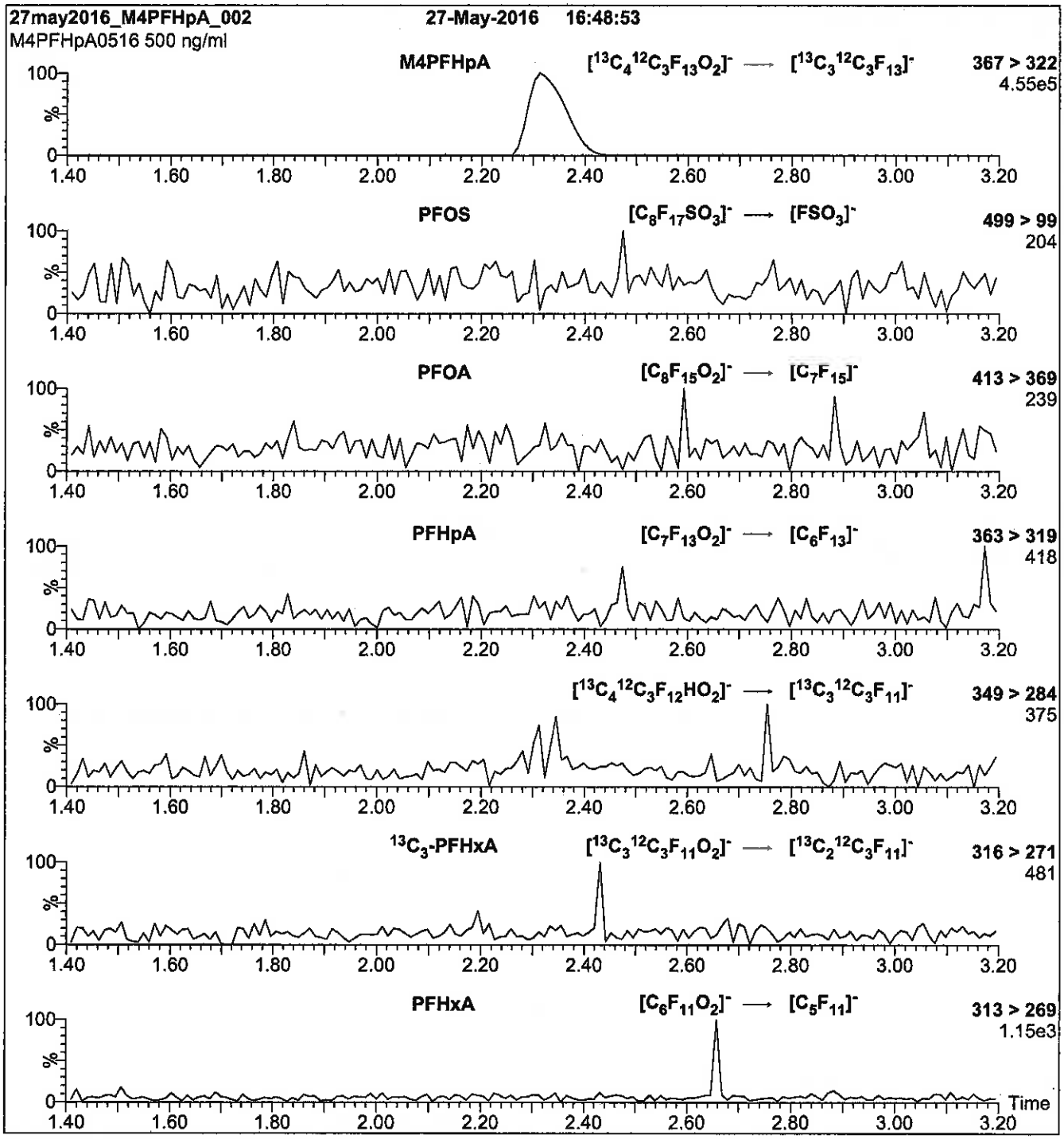
Flow: 300 µl/min

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

LCM5PFPEA_00008

R: SBC 9/22/16

739590
ID: LCM5PFPEA_00008
Exp: 05/22/20 Prpd: SBC
13C5-Perfluoropentanoic a

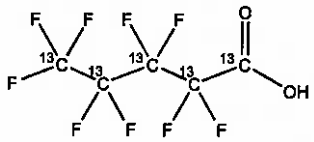
WELLINGTON LABORATORIES

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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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:

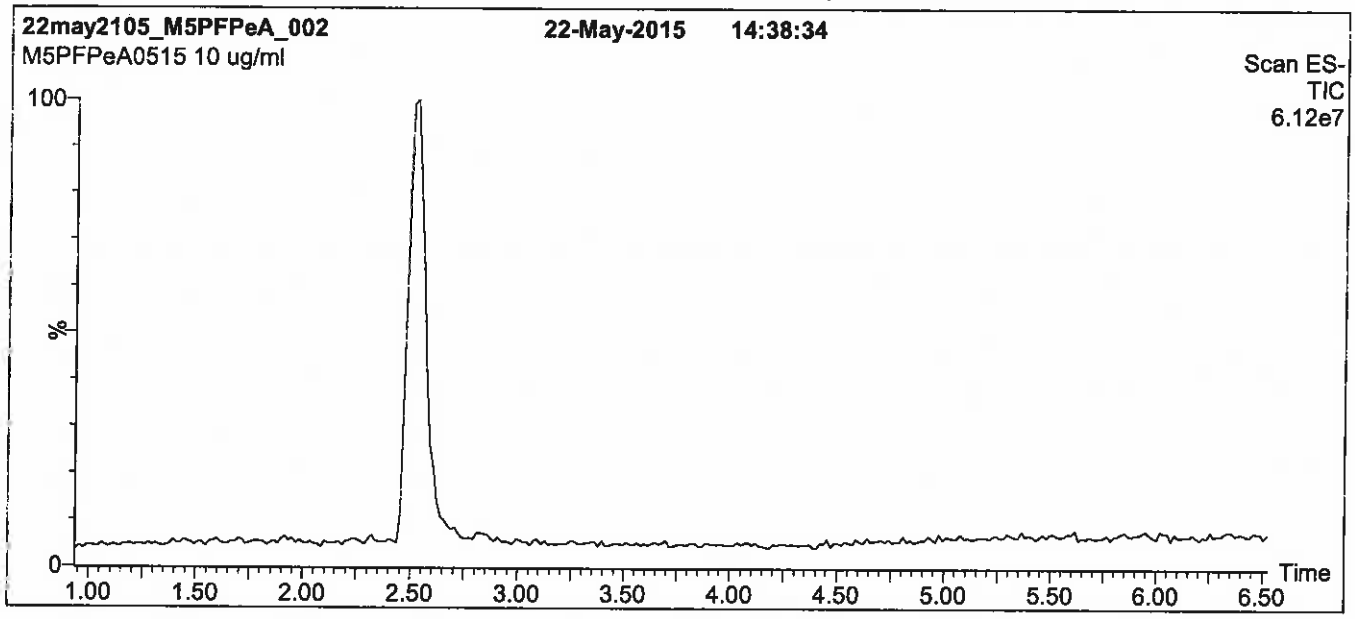
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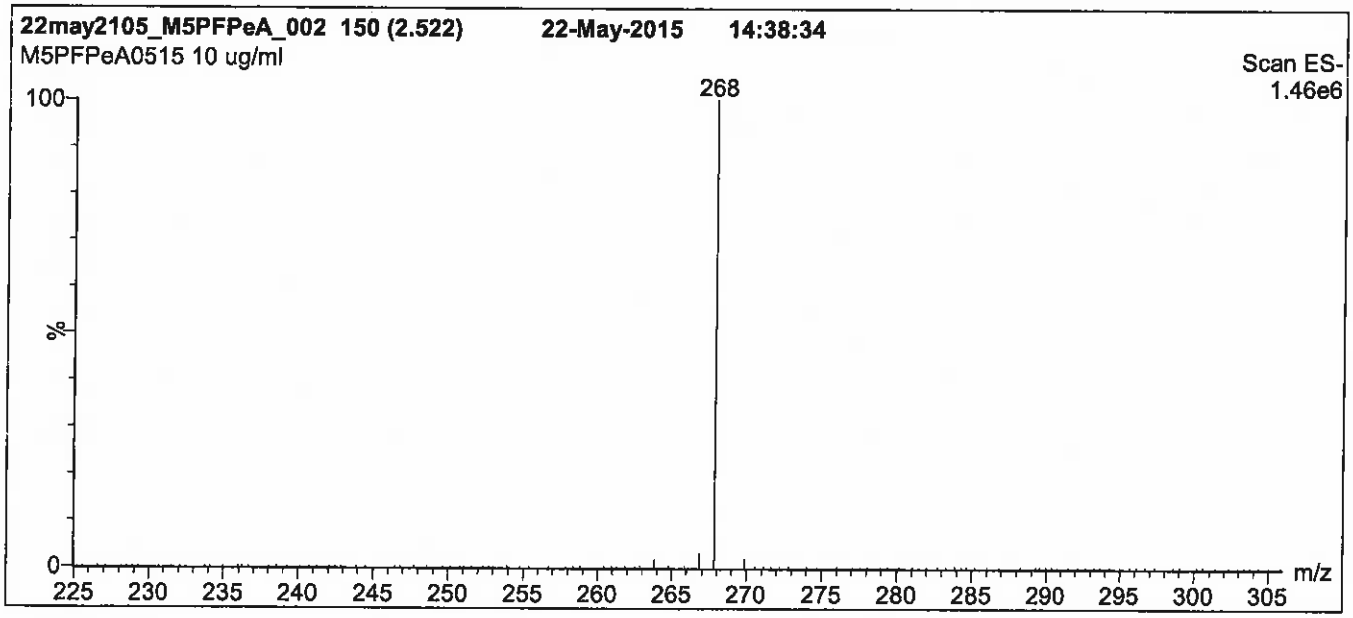
CALA

ANAB ACCREDITED 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

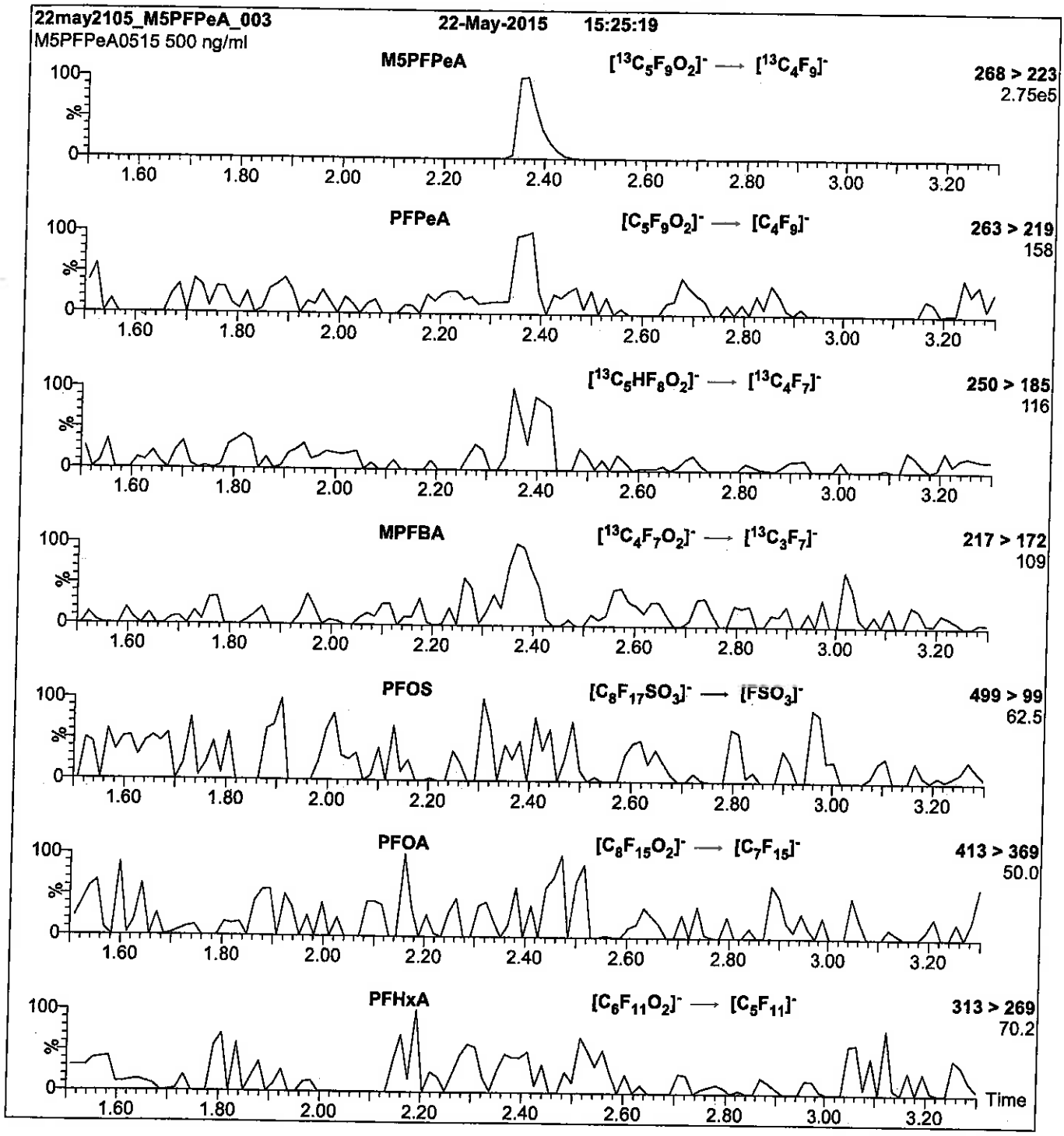
Flow: 300 µl/min

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

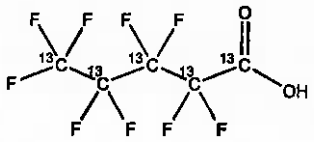
LCM5PFPEA_00009

Pr: 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:	$^{13}C_6HF_9O_2$	**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:

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:** 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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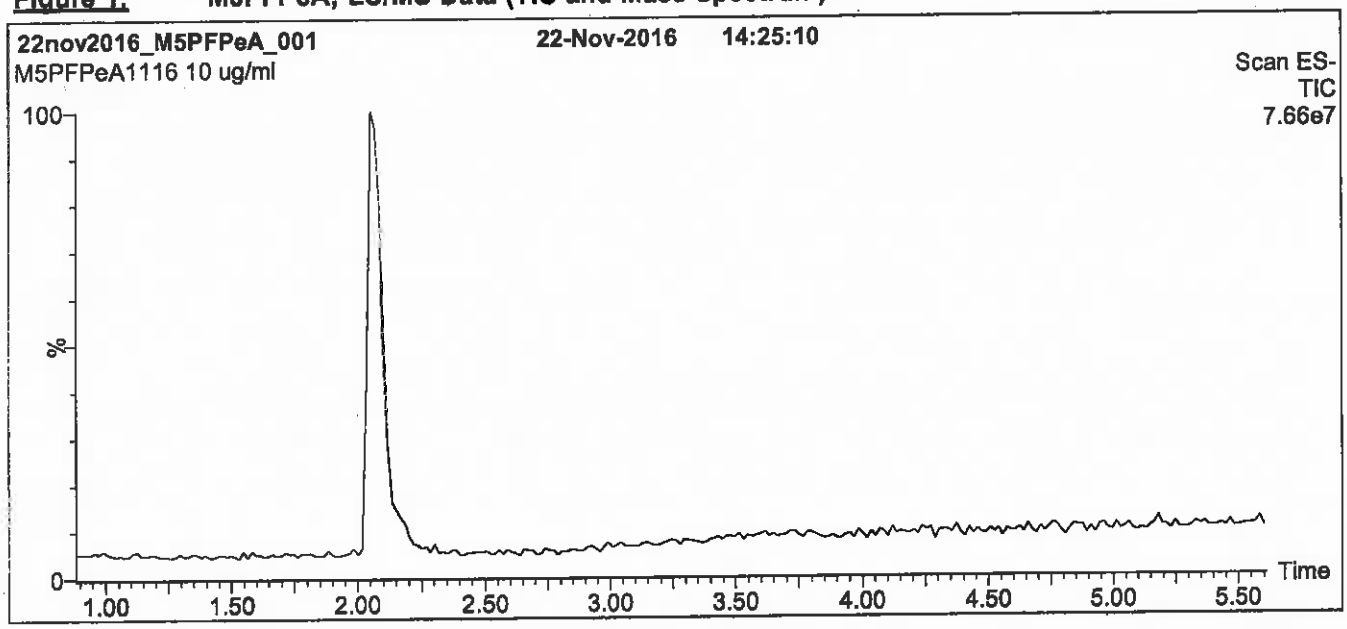
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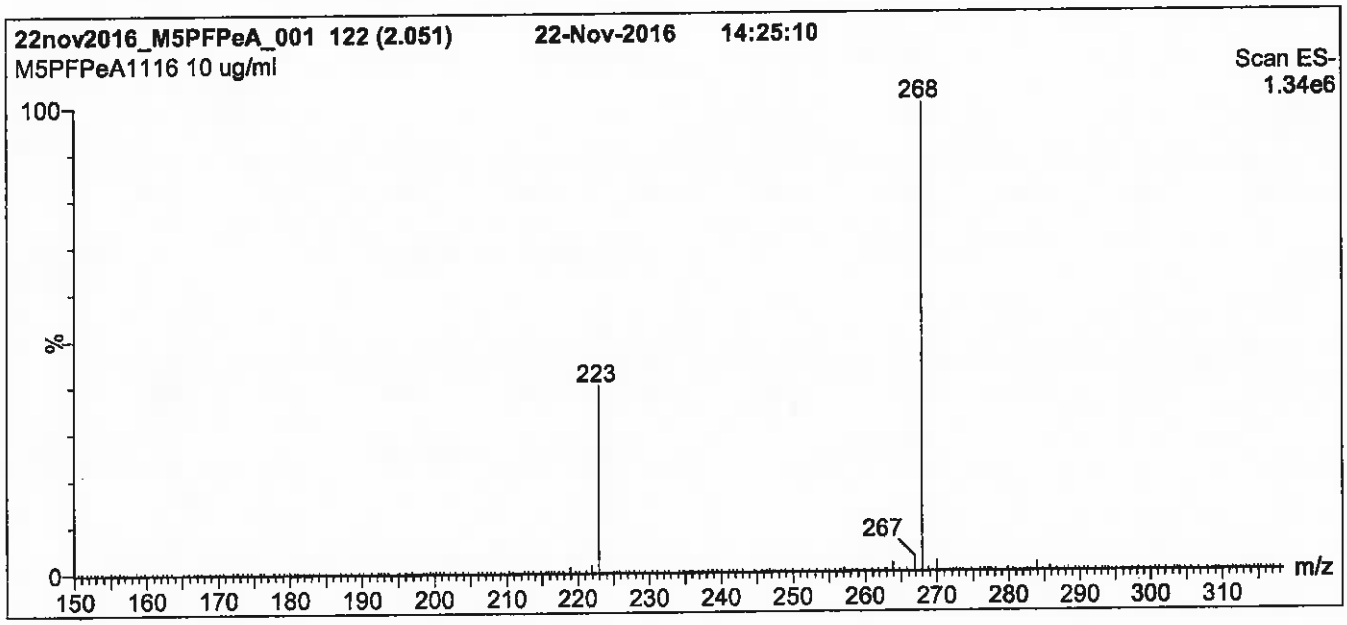
CALA

ANAB ACCREDITED 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
2 min before returning to initial conditions in 0.5 min.
Time: 10 min

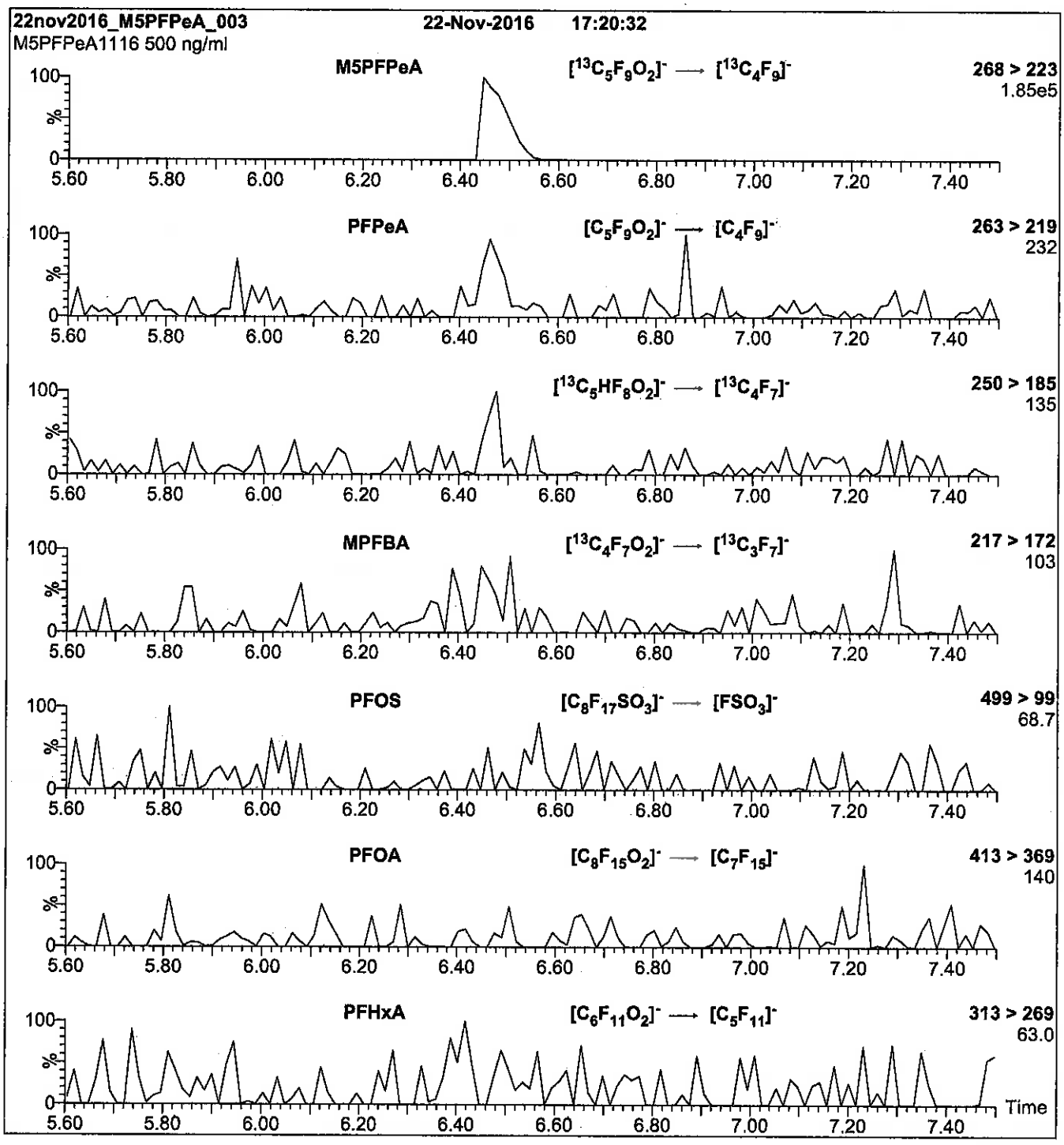
Flow: 300 µl/min

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)

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) = 9

Reagent

LCM8FOSA_00011

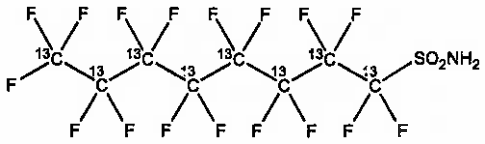
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Scanned 10/14/16 SBC

739615
ID: LCM8FOSA_00011
Exp: 12/22/17 Prpd: SBC
13C8-Perfluorooctanesulfo

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE:	M8FOSA-I	**LOT NUMBER:**	M8FOSA1215I
COMPOUND:	Perfluoro-1-[$^{13}C_8$]octanesulfonamide		
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)

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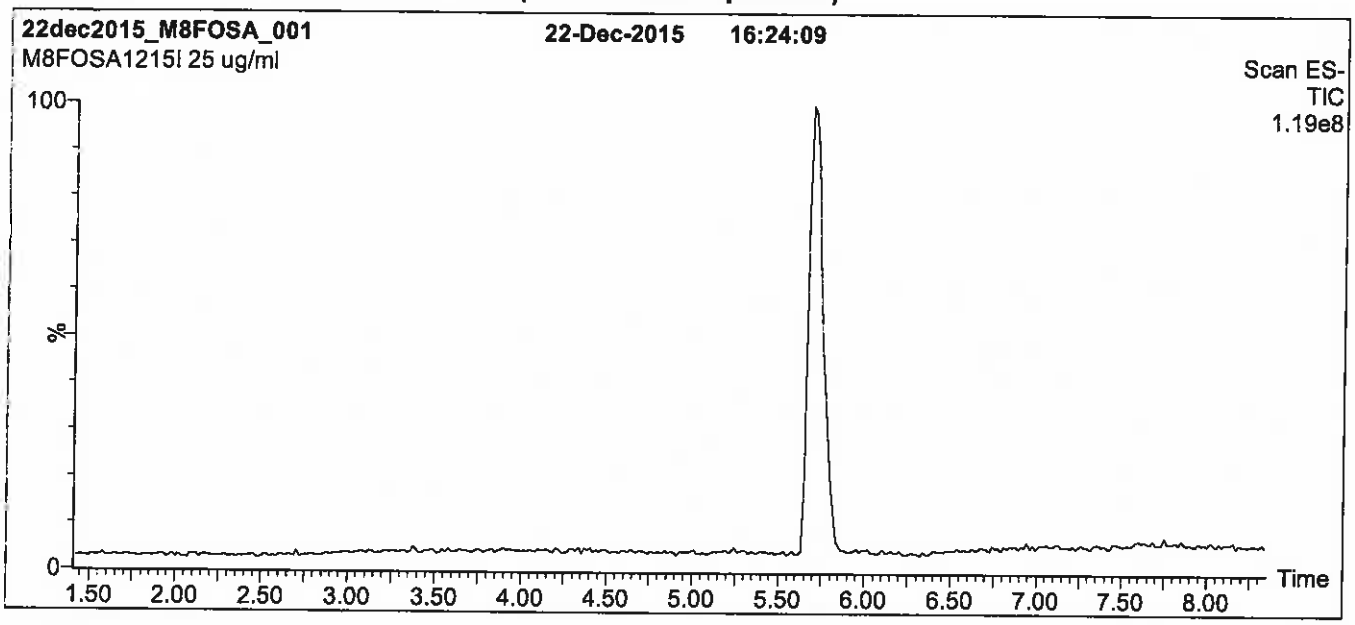
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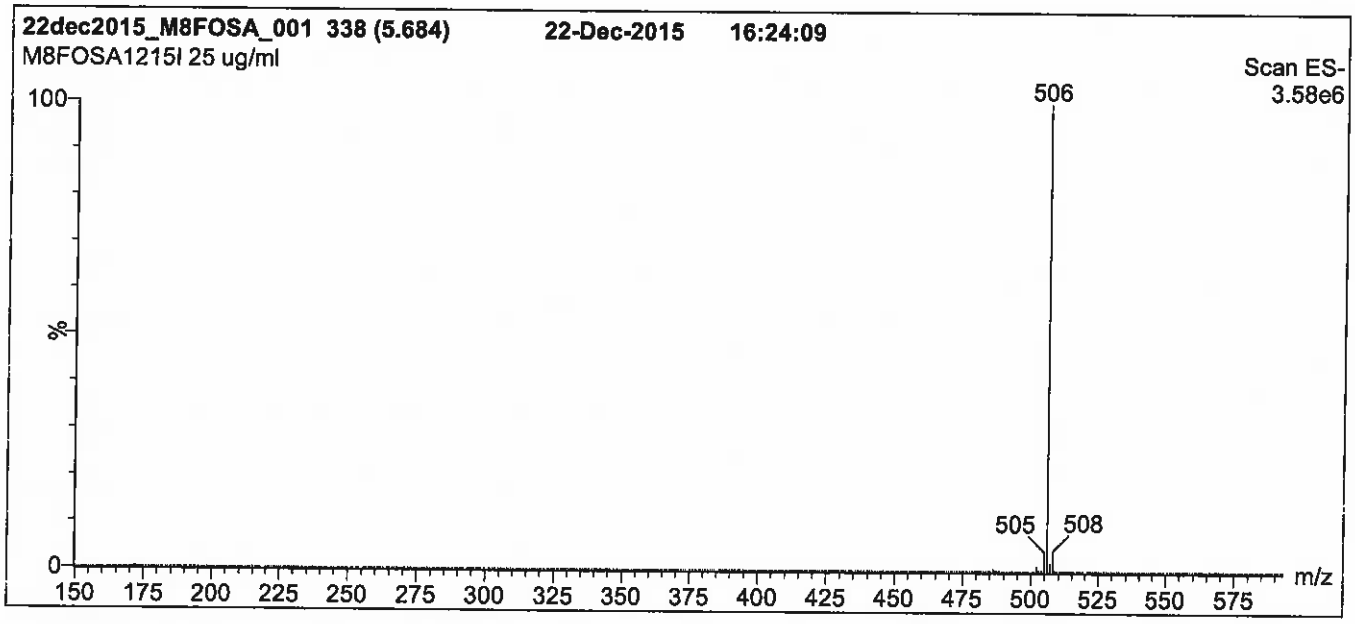
CALA

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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

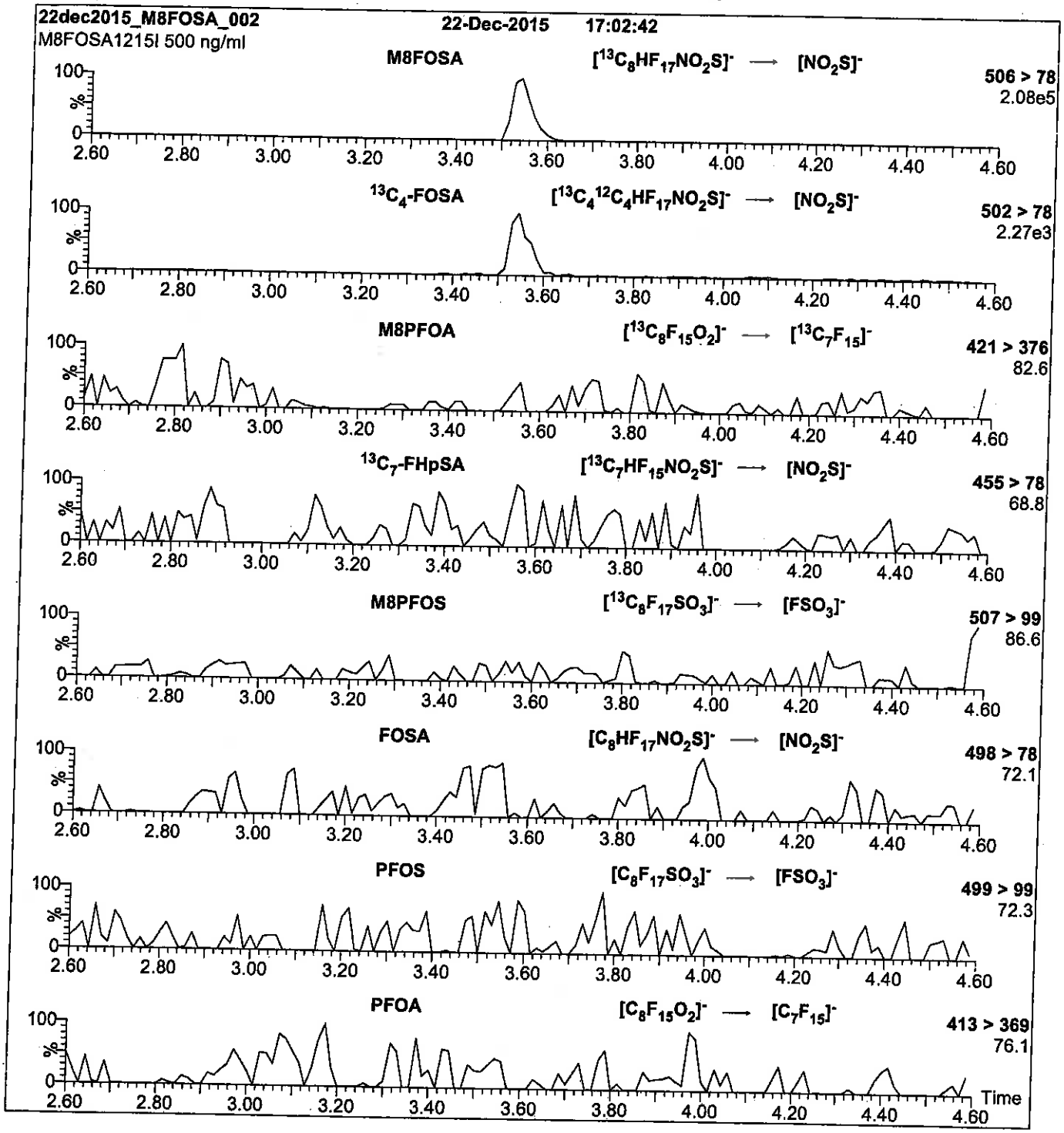
Flow: 300 µl/min

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

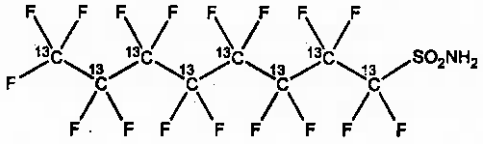
LCM8FOSA_00012

R: 3/9/17 SKV

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE:	M8FOSA-I	**LOT NUMBER:**	M8FOSA1215I
COMPOUND:	Perfluoro-1-[$^{13}C_8$]octanesulfonamide		
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		

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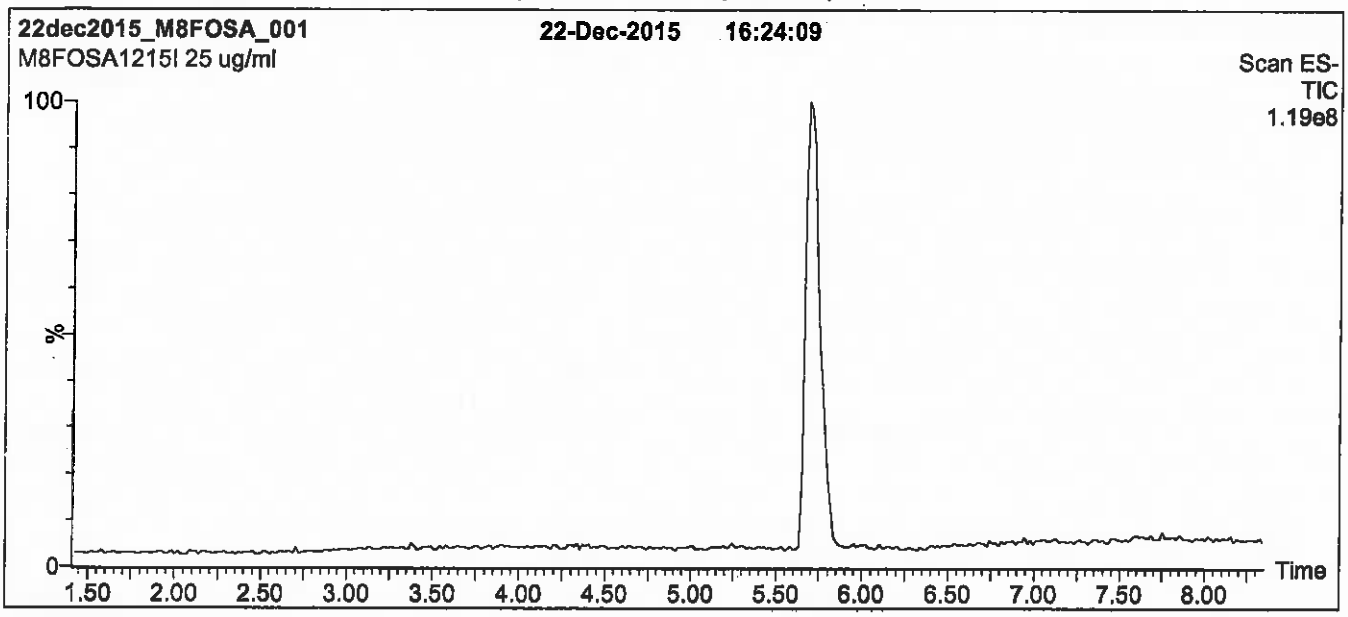
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

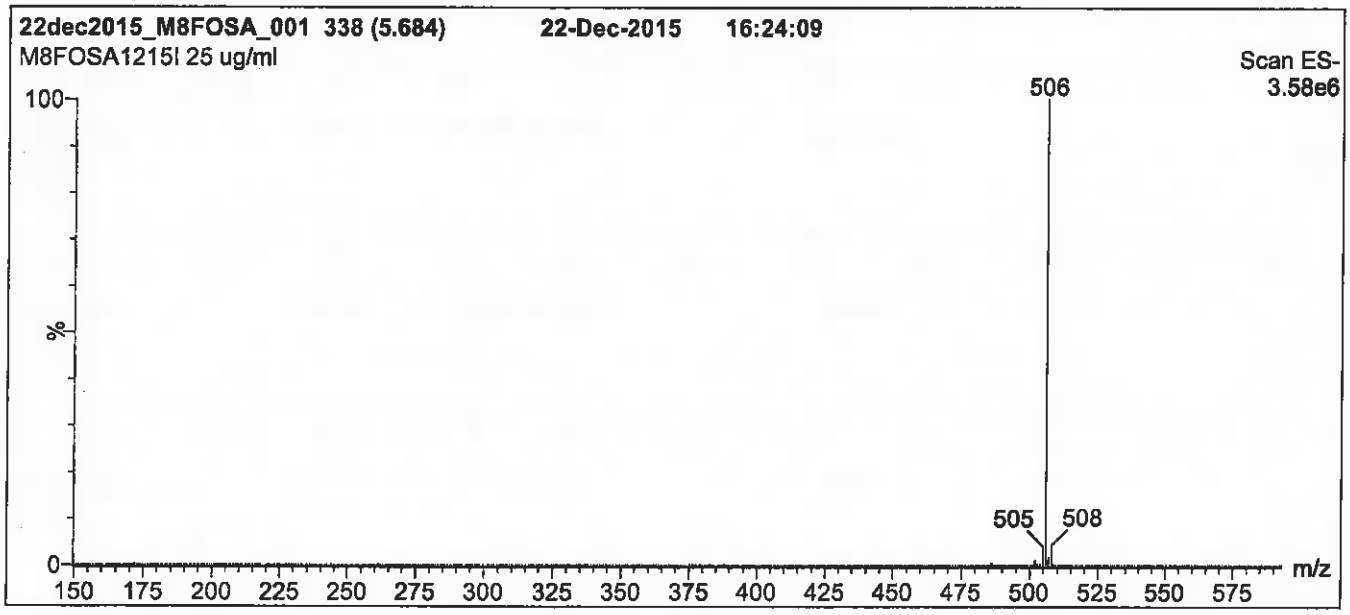
CALA

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Figure 1: **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

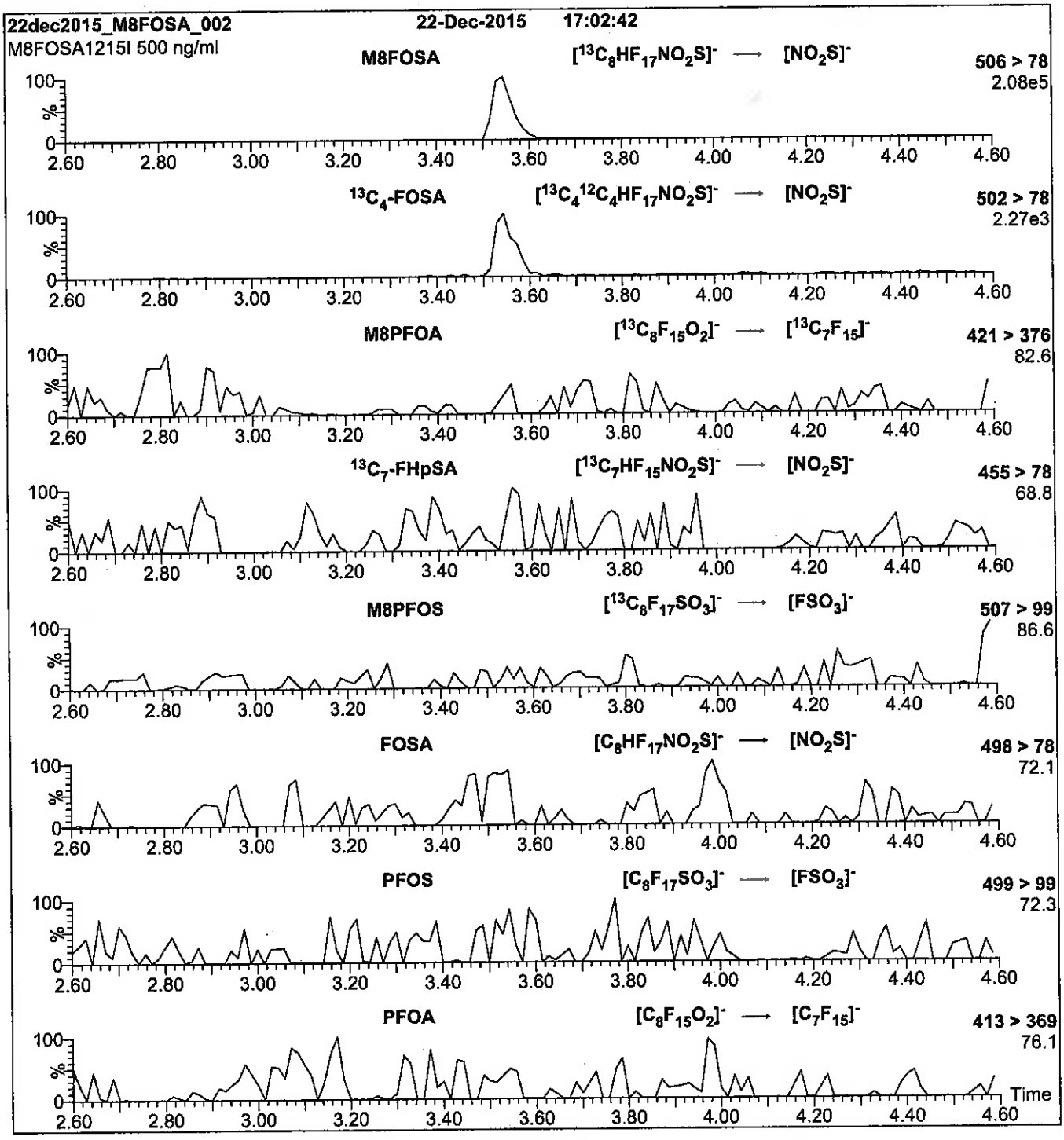
Flow: 300 µl/min

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

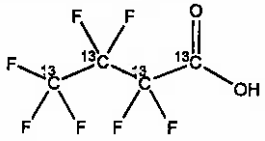
739593
ID: LCMPFBA_00008
Exp: 05/24/21 Prpd: SBC
13C4-Perfluorobutanoic ac

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: _____ **Date:** 05/30/2016
B.G. Chittim (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.

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:

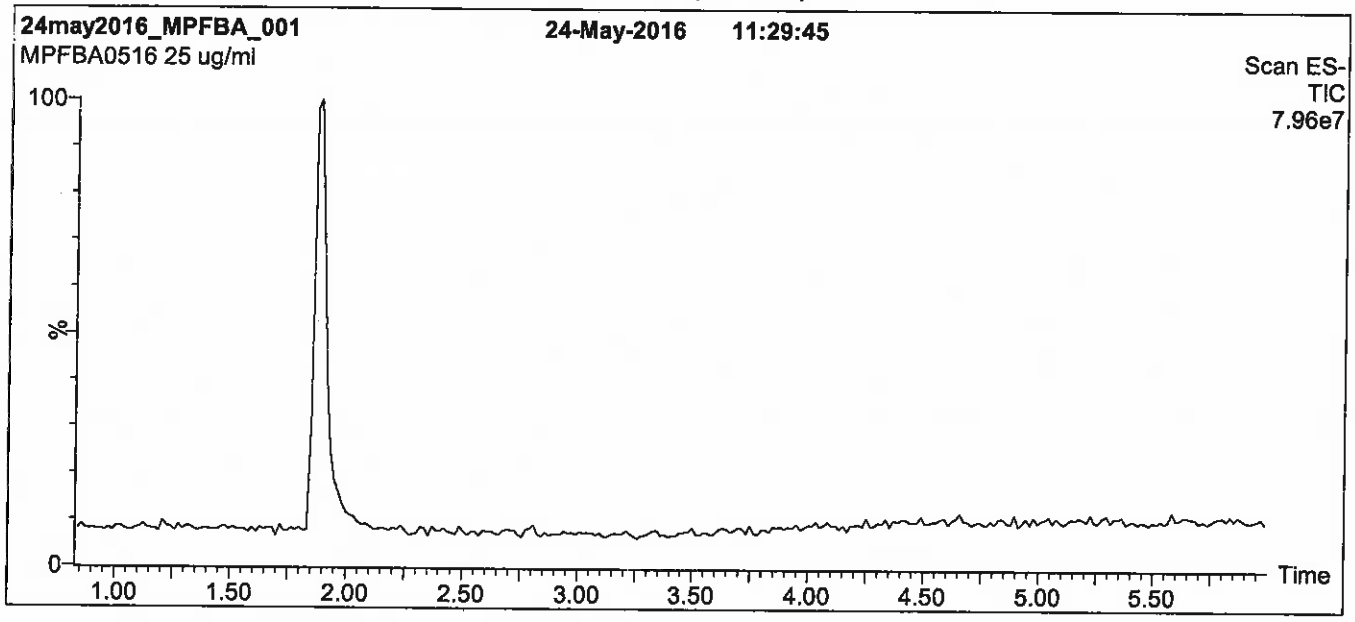
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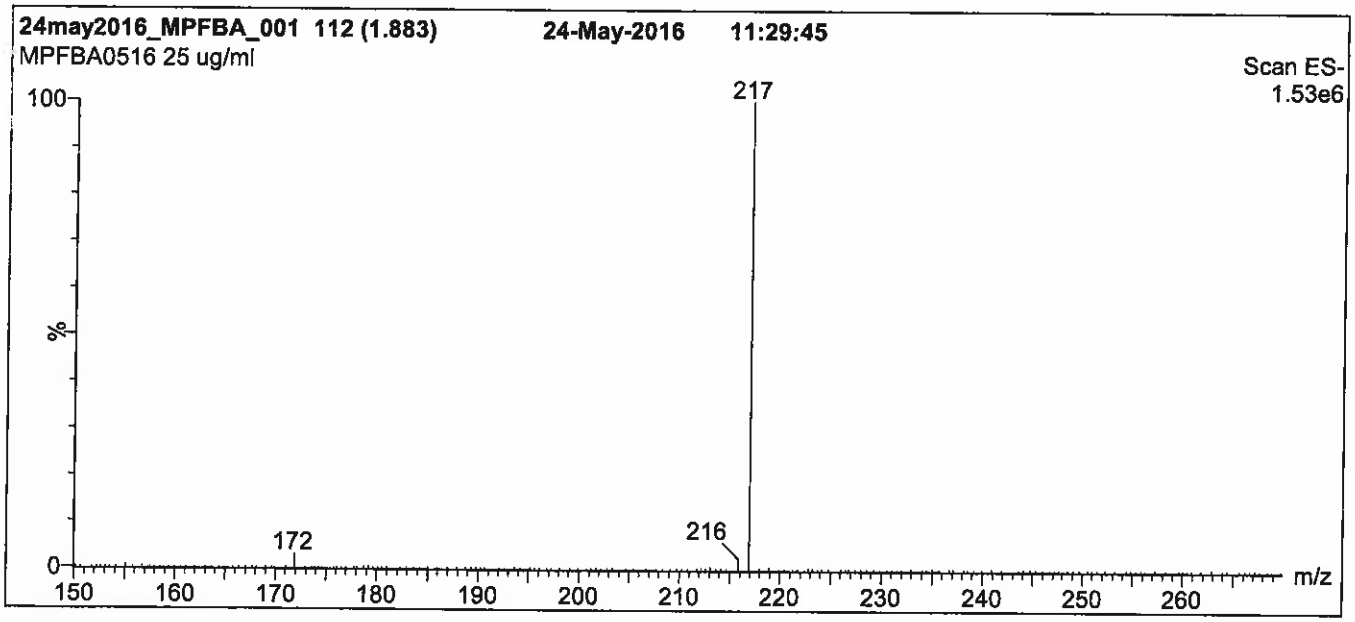
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Figure 1: **MPFBA; LC/MS Data (TIC and Mass Spectrum)**





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

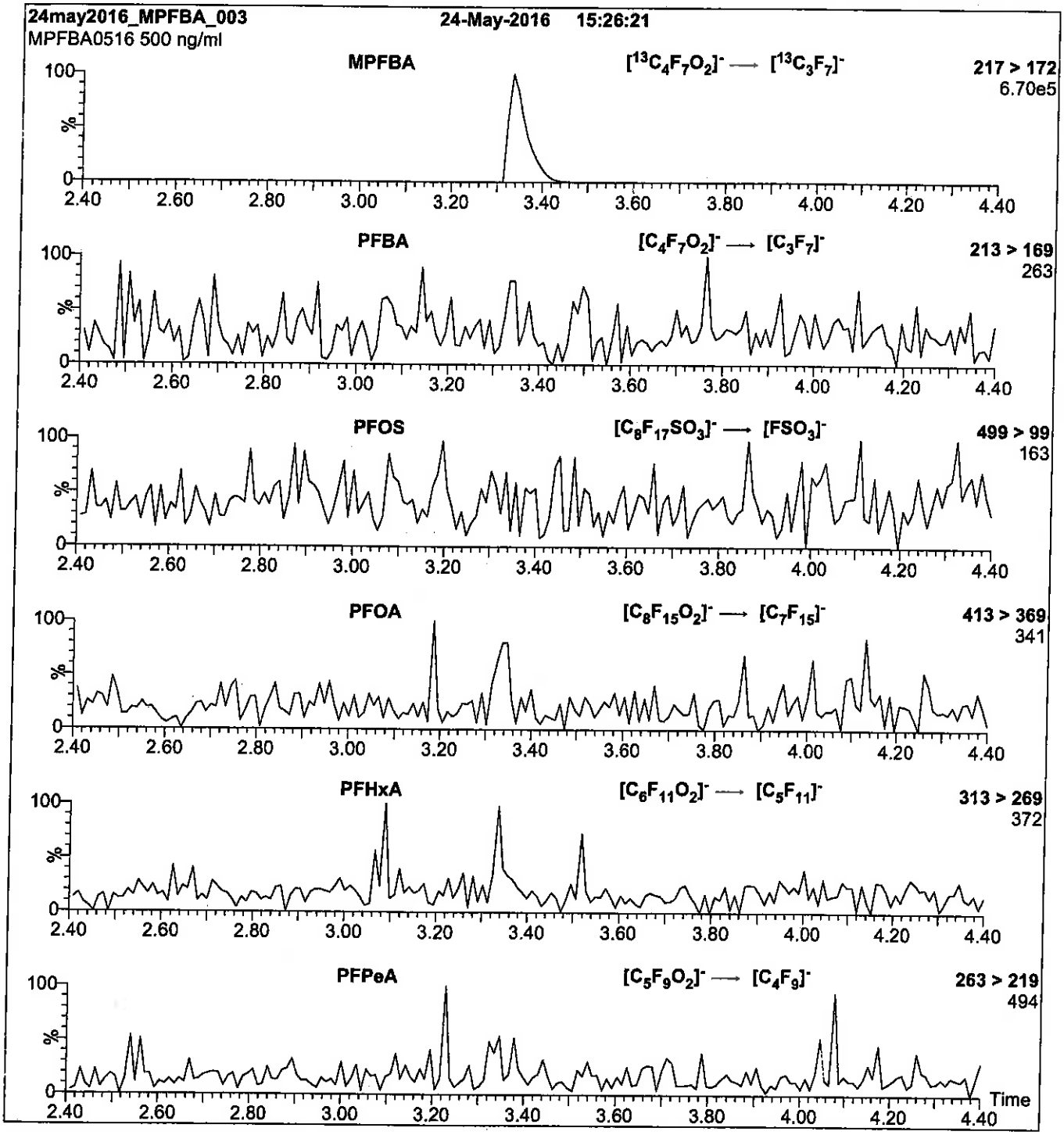
Flow: 300 µl/min

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

LCMPFBA_00009

P:3/9/17SKV

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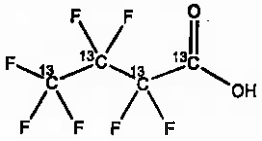
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: MPFBA
COMPOUND: Perfluoro-n-[1,2,3,4-$^{13}C_4$]butanoic acid

LOT NUMBER: MPFBA0516

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA:	$^{13}C_4HF_7O_2$	**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

INTENDED USE:

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HAZARDS:

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SYNTHESIS / CHARACTERIZATION:

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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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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:

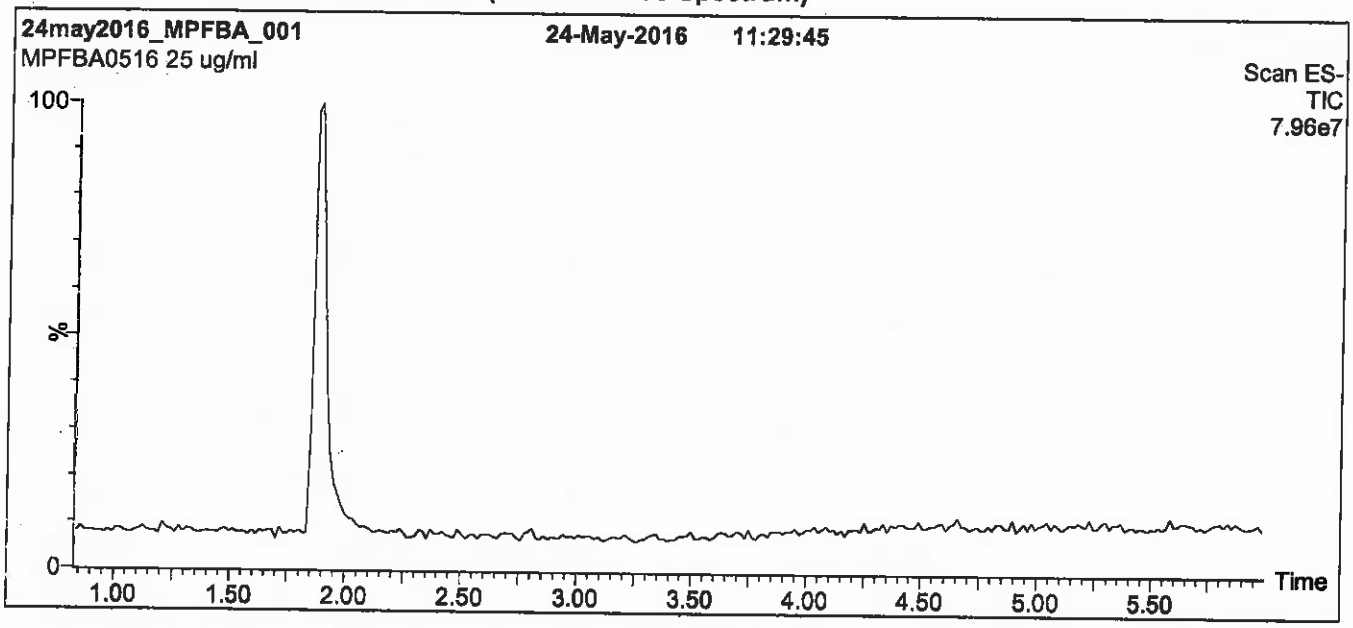
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

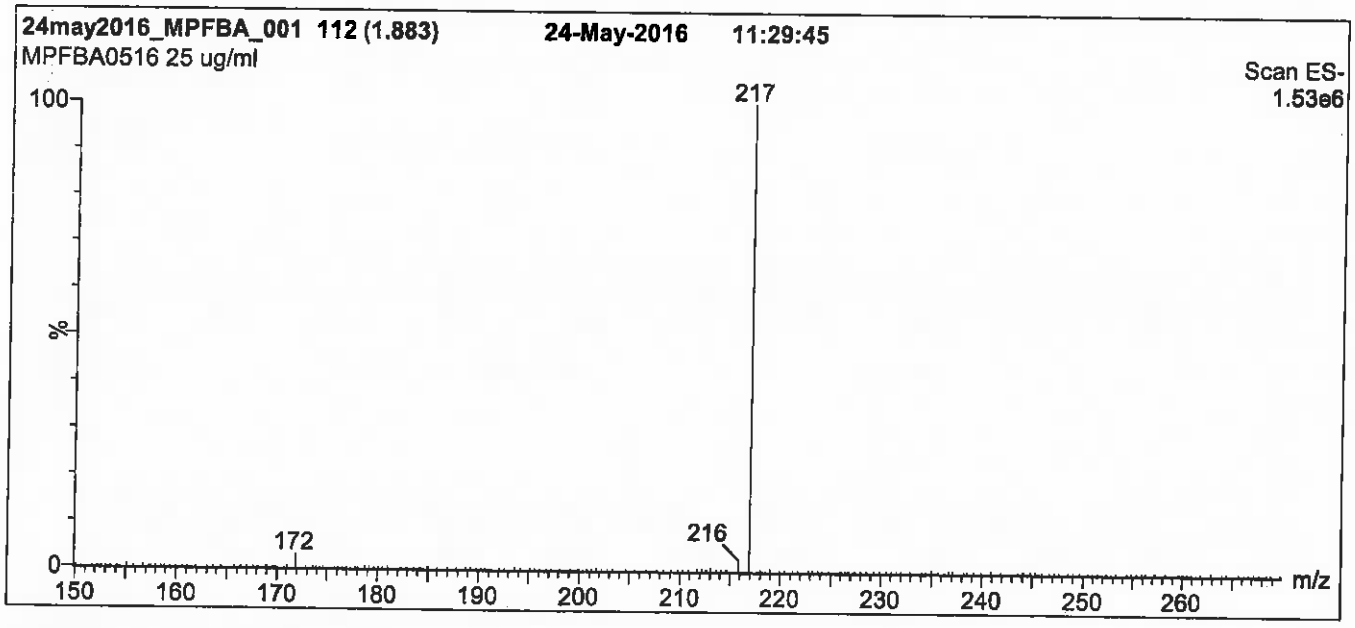
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Figure 1: **MPFBA; LC/MS Data (TIC and Mass Spectrum)**





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

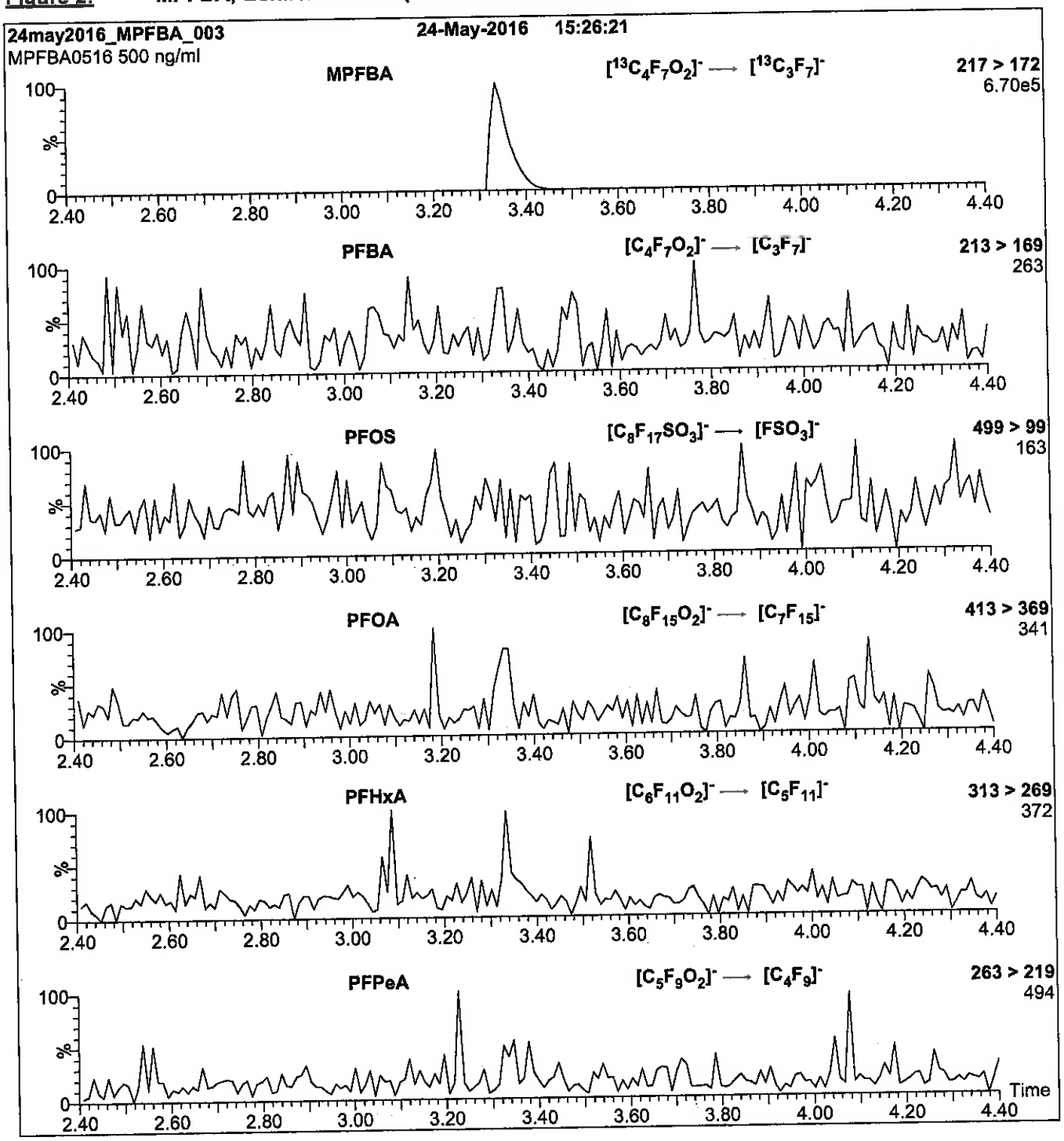
Flow: 300 µl/min

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 SBC R: SBC 9/22/16

739640
ID: LCMPFBS_00002
Exp: 08/02/21 Prpd: SBC
13C3-Perfluorobutanesulfo

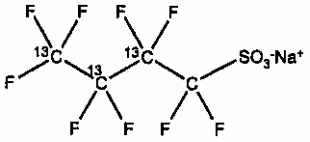
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CERTIFICATE OF ANALYSIS
DOCUMENTATION

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 ($2,3,4\text{-}^{13}C_3$)
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)

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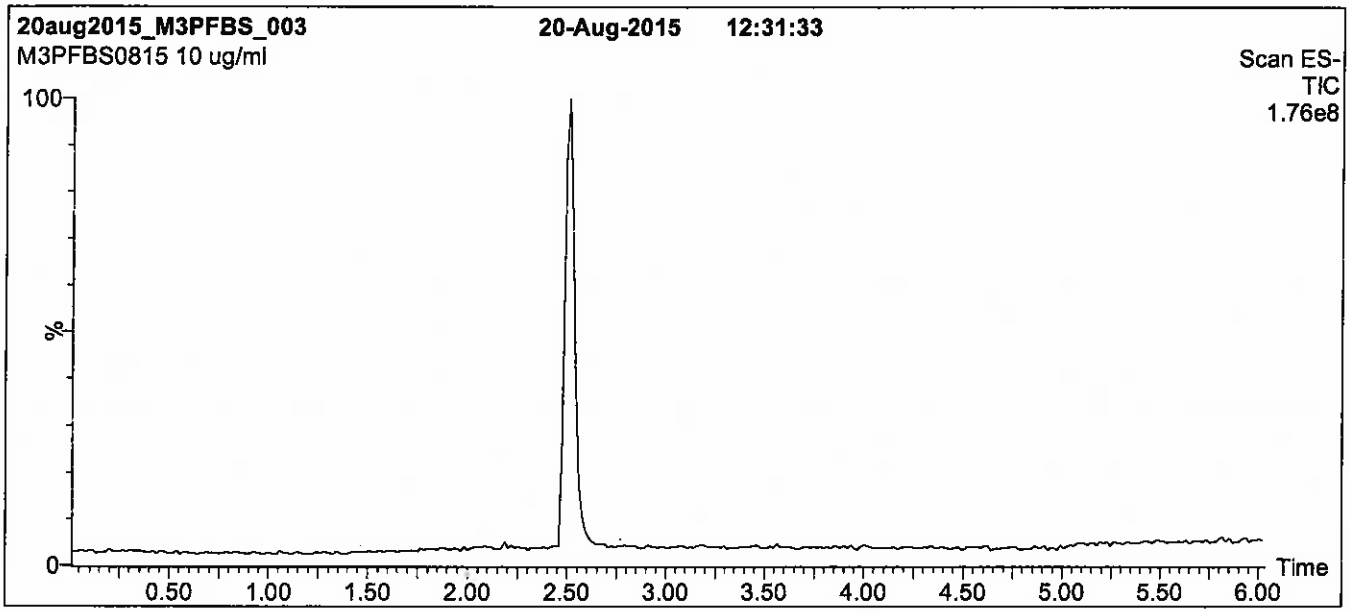
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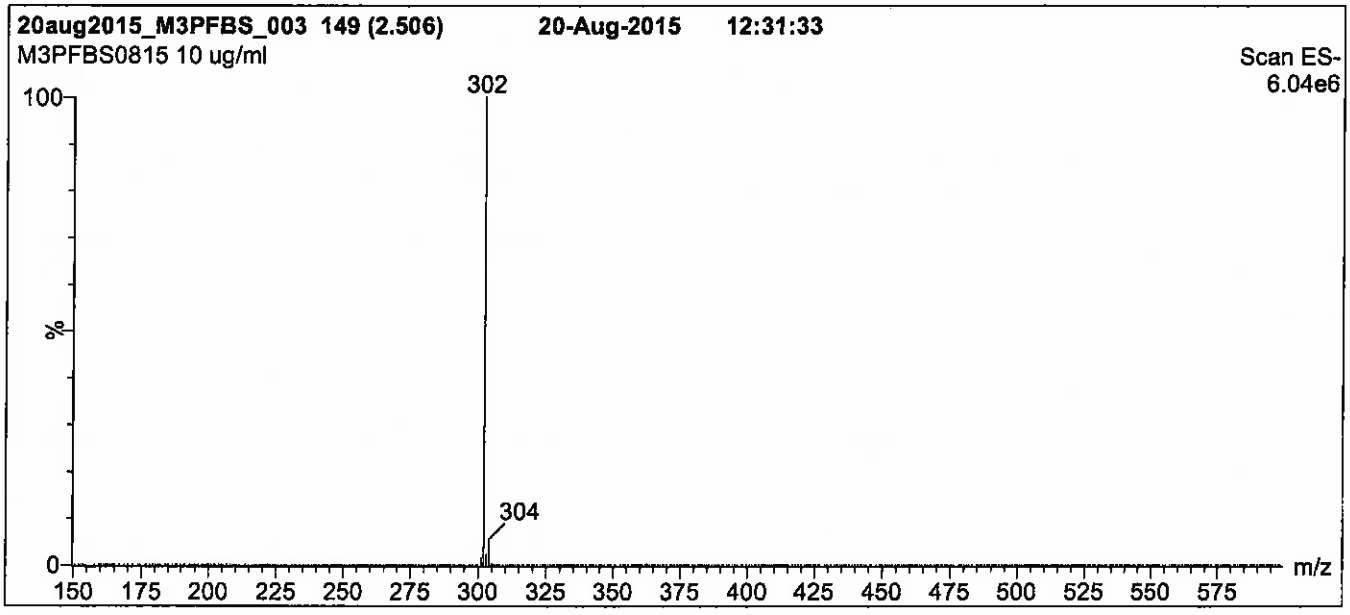
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Figure 1: **M3PFBS; LC/MS Data (TIC and Mass Spectrum)**





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

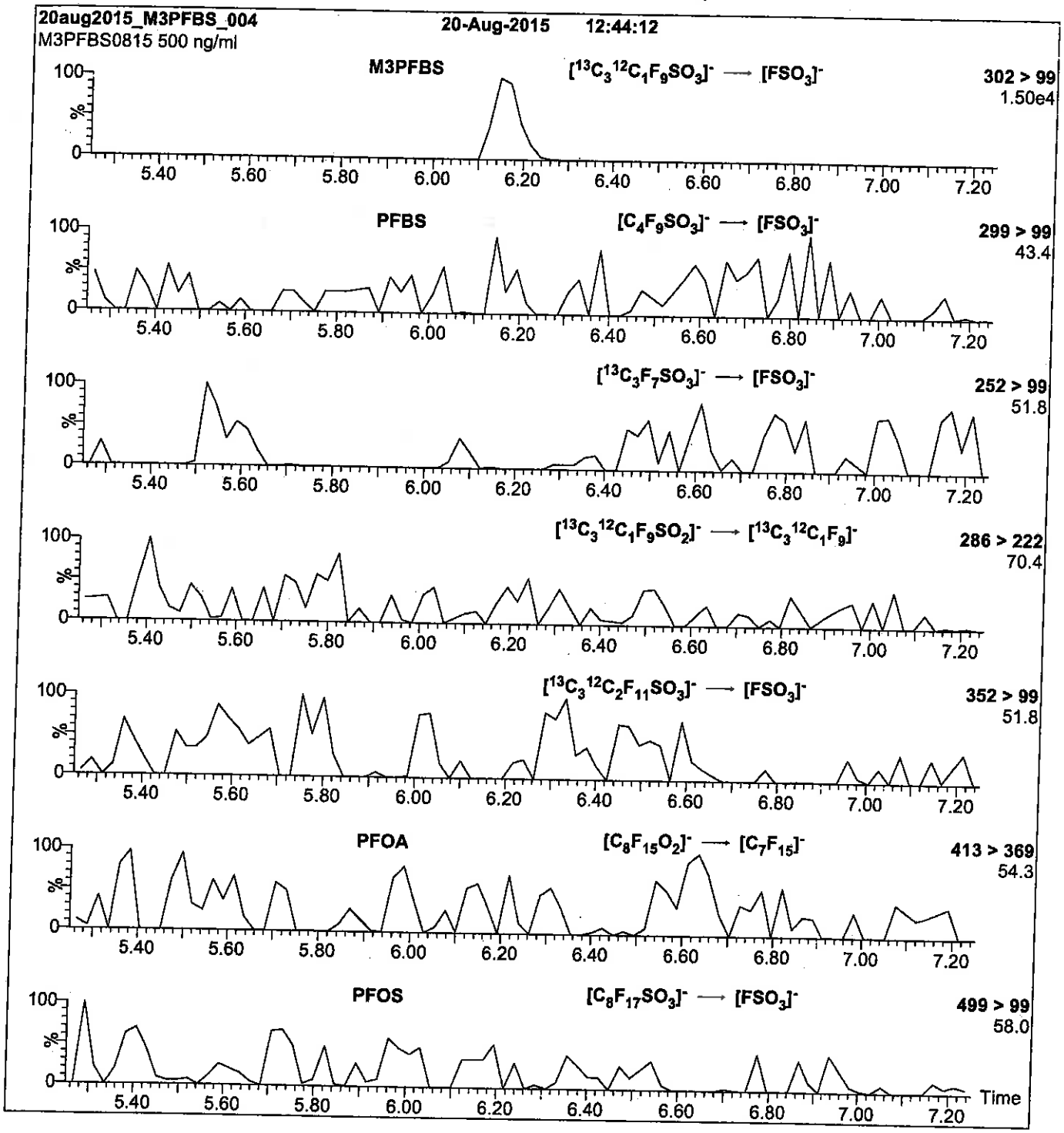
Flow: 300 µl/min

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

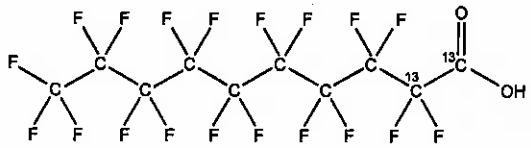
Scanned 10/14/16 R: SBC 9/22/16

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 ($1,2\text{-}^{13}C_2$)
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

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:

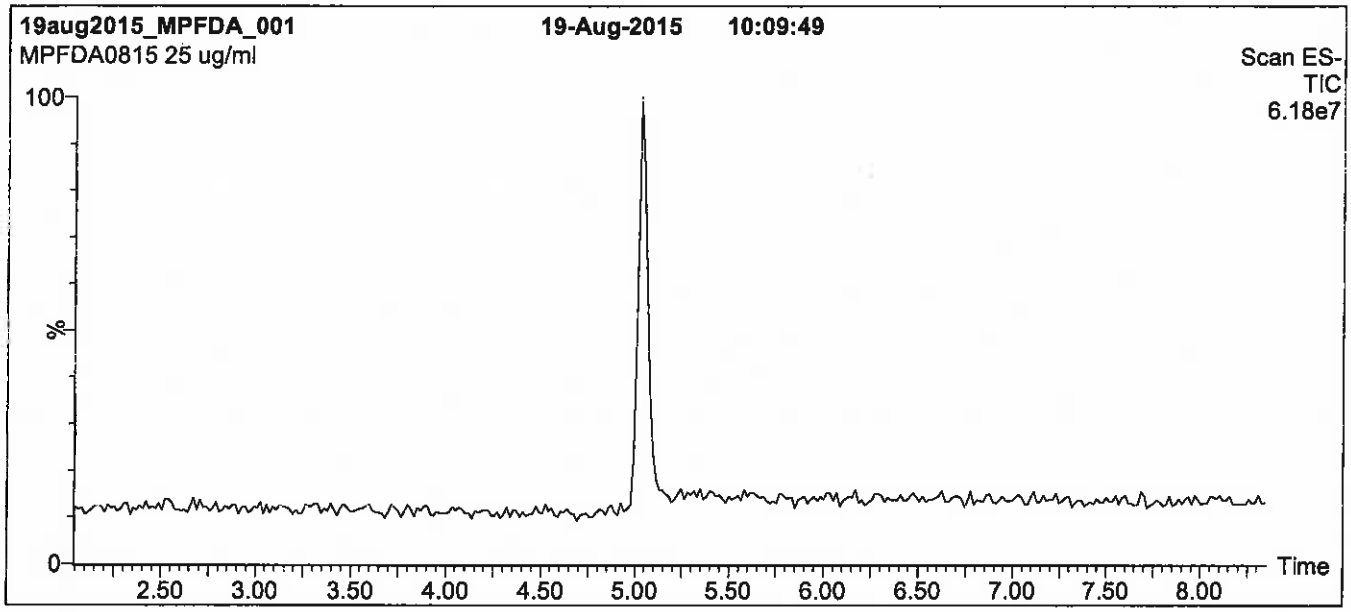
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

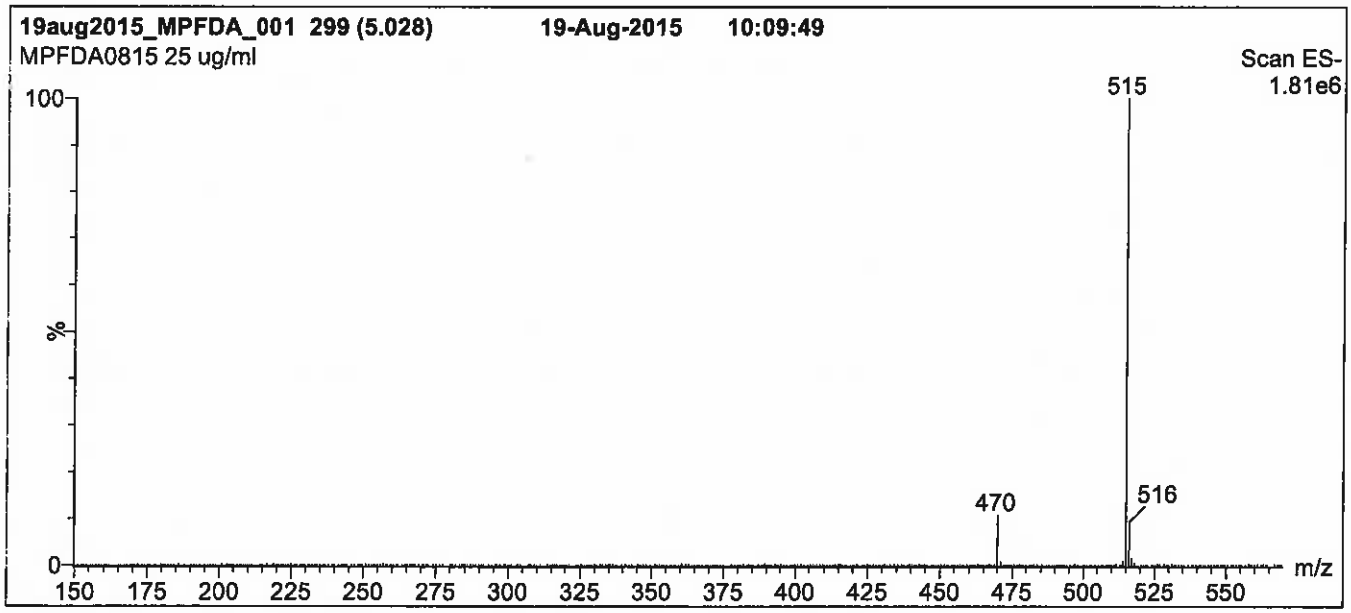
CALA Testing Accreditation No. A1226

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: **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

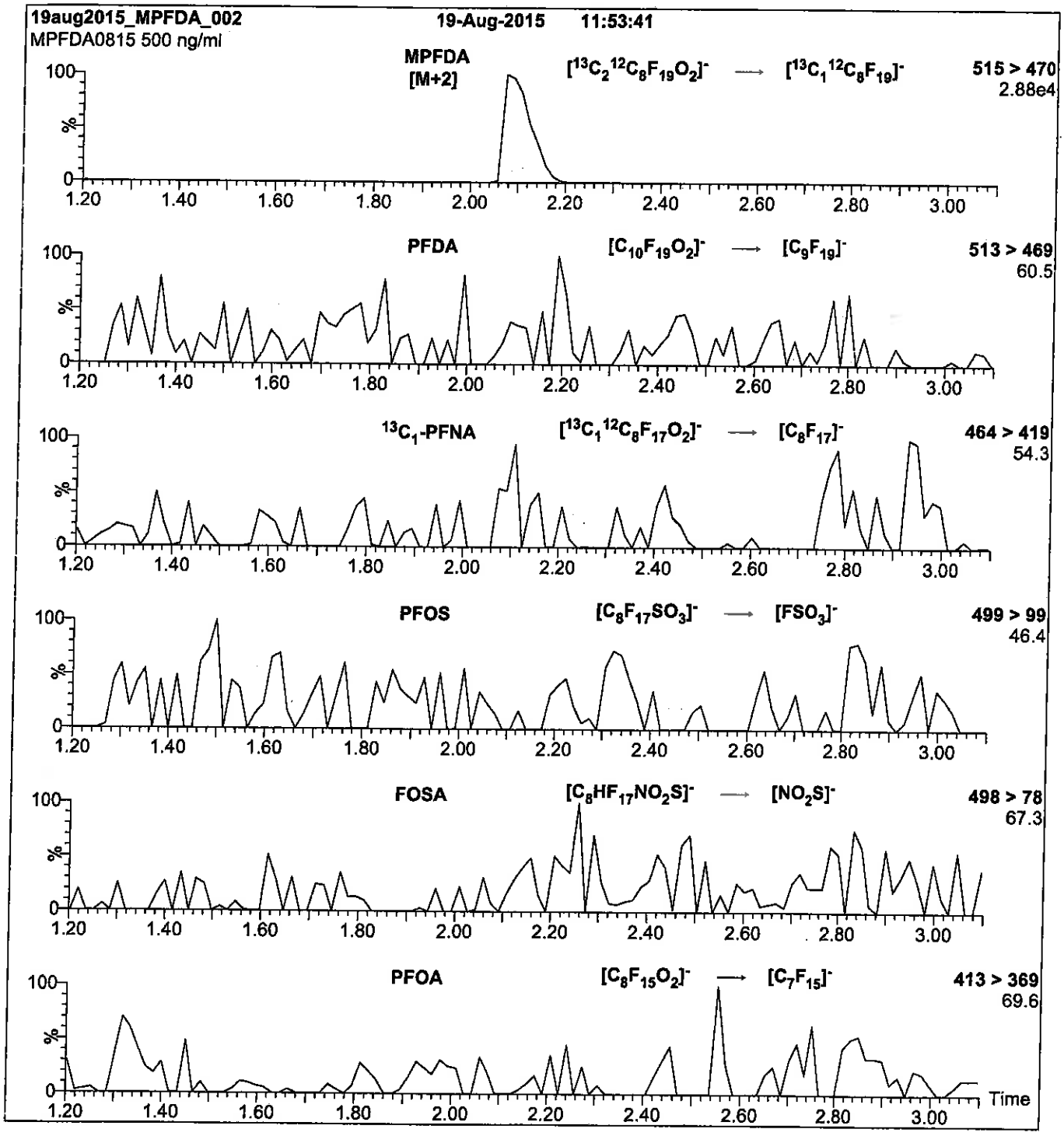
Flow: 300 µl/min

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)
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) = 13

Reagent

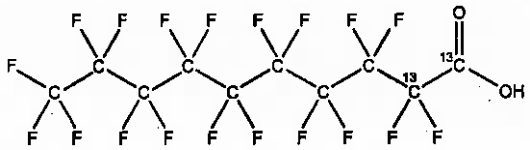
LCMPFDA_00013

P:3/9/17 SKJ

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE:	MPFDA	**LOT NUMBER:**	MPFDA0916
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)	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.
- Contains < 0.1% of $^{13}C_4$-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:

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:

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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 $x_1, x_2, ...x_n$ on which it depends is:

$$u_c(y(x_1, x_2, ...x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

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:

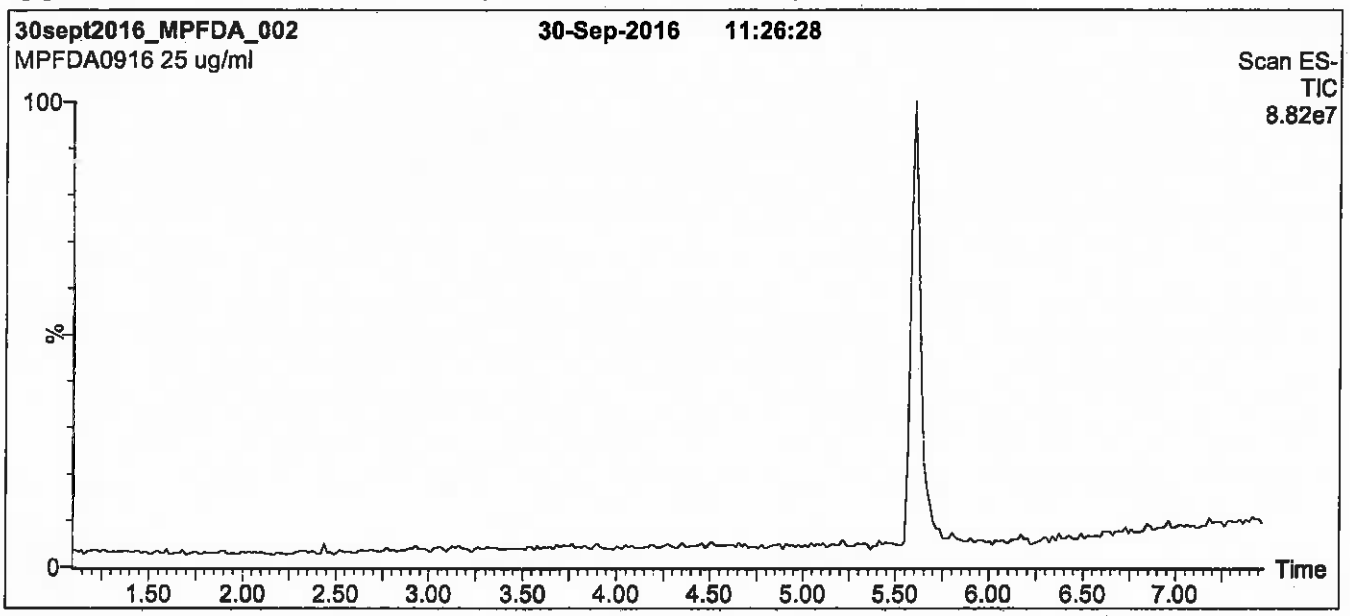
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

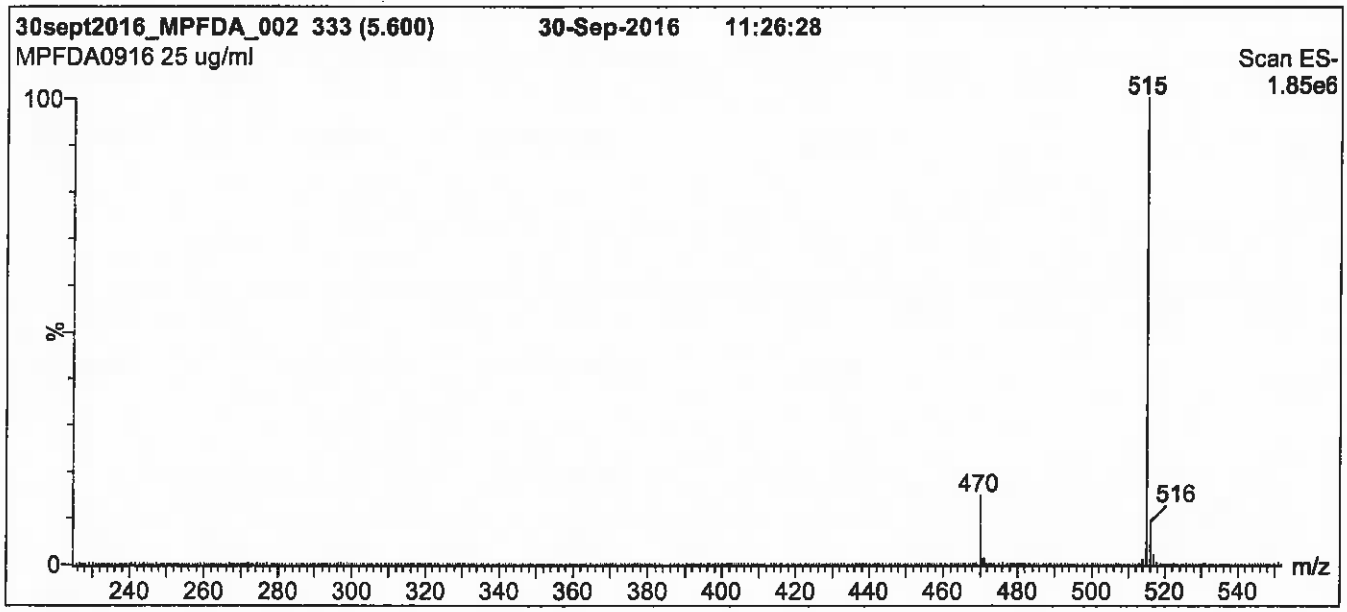
CALA

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: **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

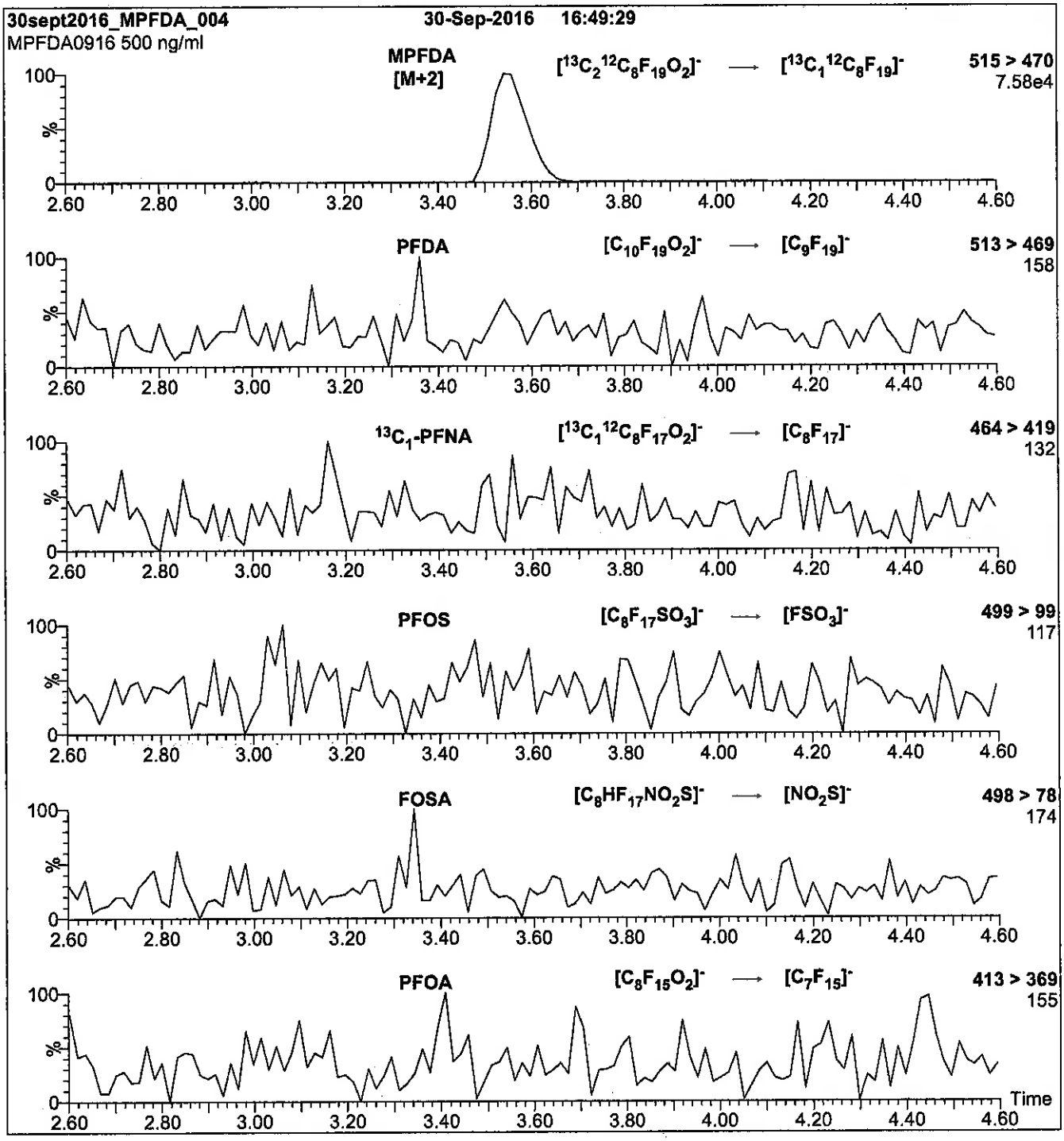
Flow: 300 µl/min

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)

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) = 13

Reagent

LCMPFDoA_00008

R: SBC 9/22/16

739598
ID: LCMPFDoA_00008
Exp: 04/08/21 Prpd: SBC
13C2-Perfluorododecanoic

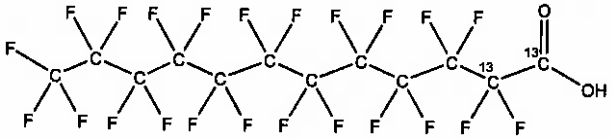
WELLINGTON LABORATORIES

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.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 04/15/2016 (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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TRACEABILITY:

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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:

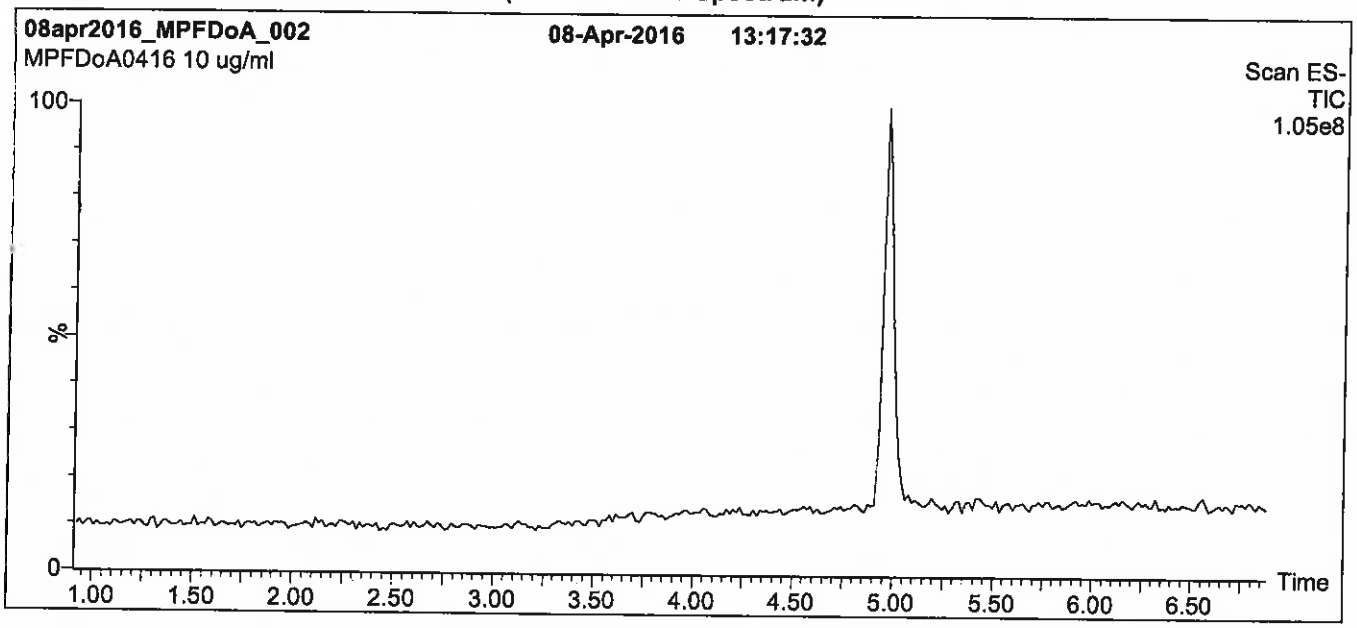
At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

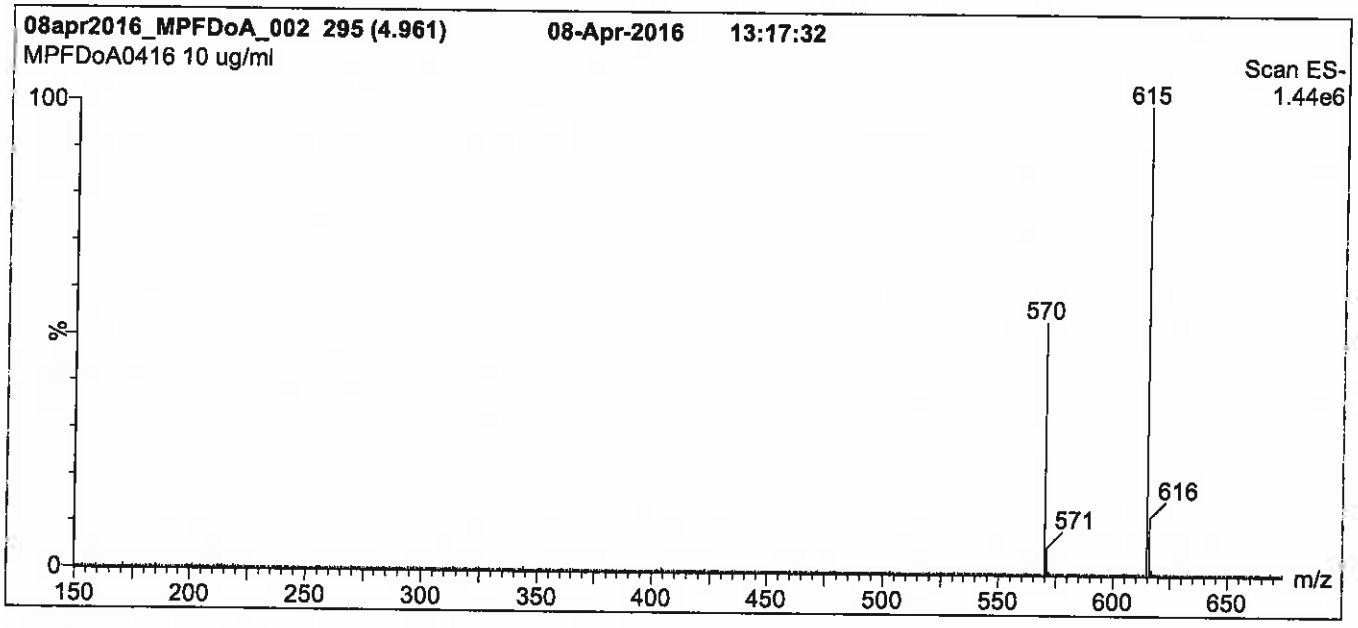
QUALITY MANAGEMENT:

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).

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: **MPFDoA; 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

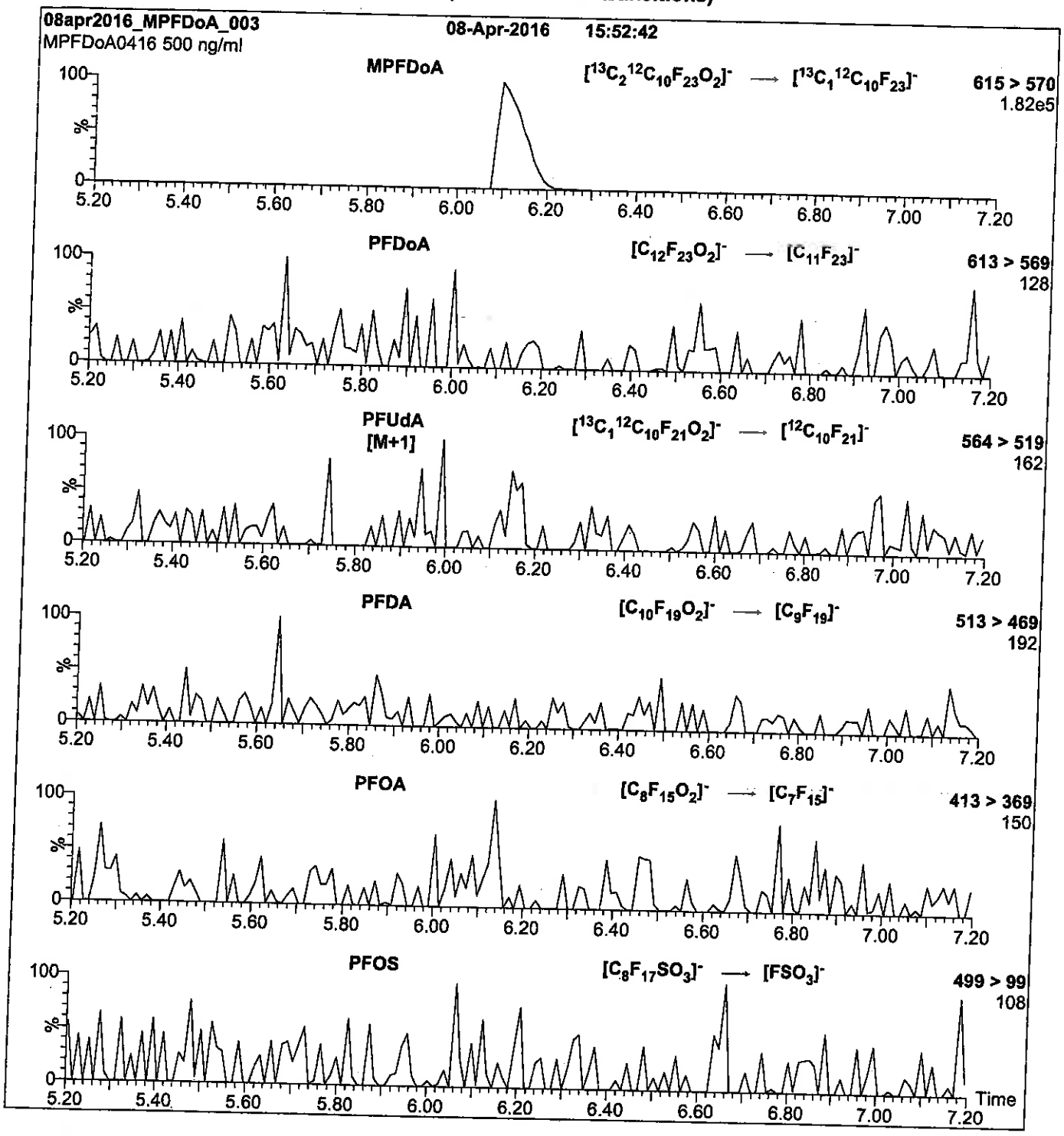
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 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

LCMPFDoA_00009

r: 3/9/17 SRV

WELLINGTON LABORATORIES

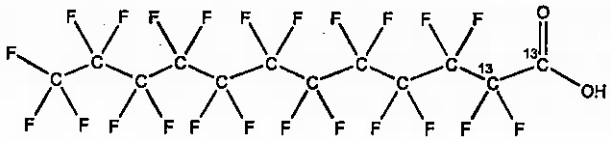
CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE: MPFDoA
COMPOUND: Perfluoro-n-[1,2-$^{13}C_2$]dodecanoic acid

LOT NUMBER: MPFDoA0416

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA:	$^{13}C_2{}^{12}C_{10}HF_{23}O_2$	**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.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 04/15/2016 (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:

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:

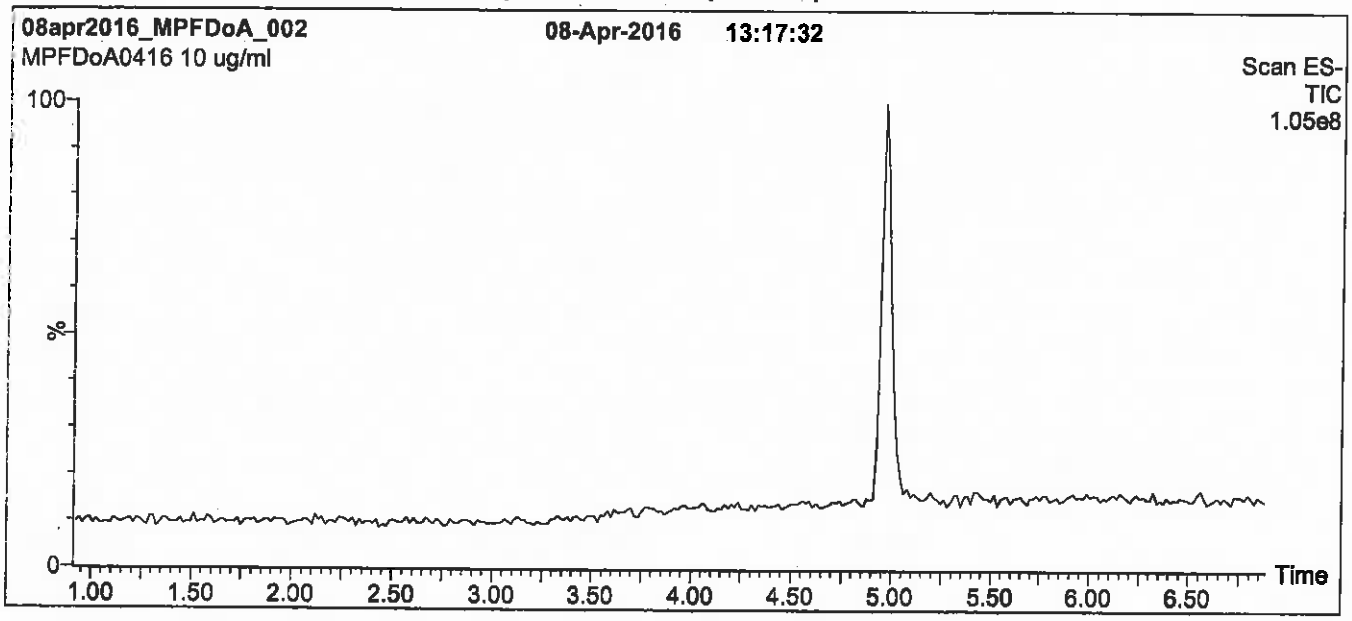
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

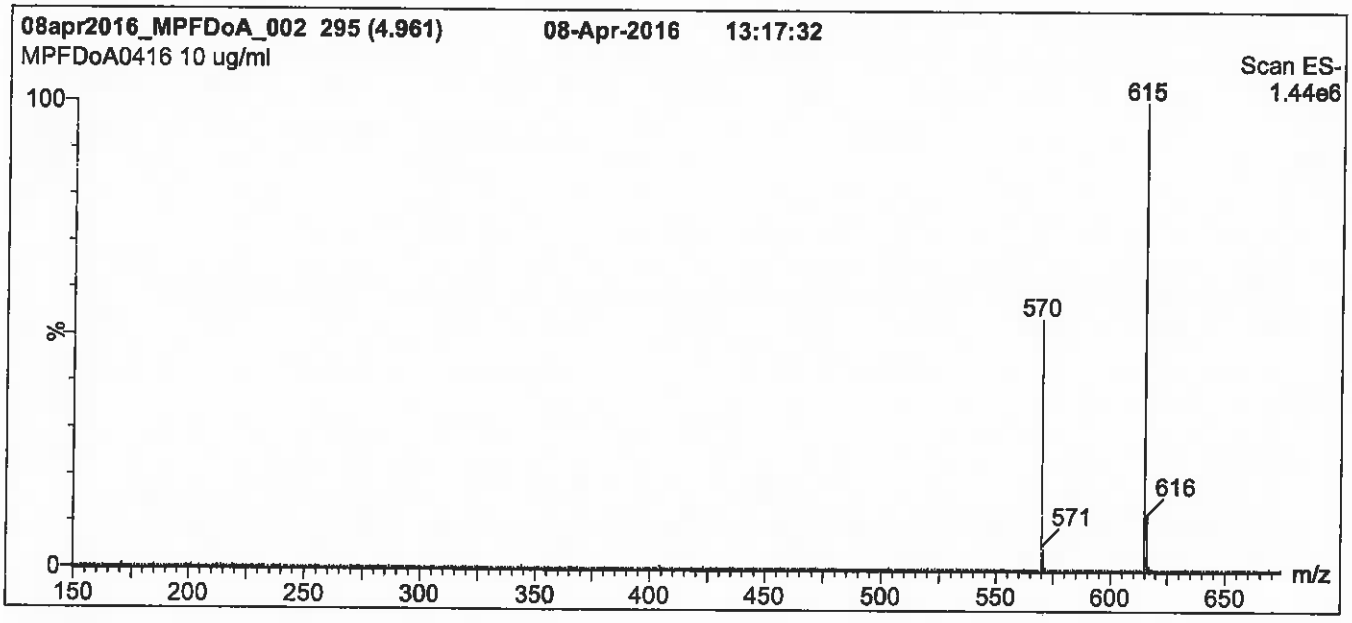
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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Figure 1: **MPFDoA; 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

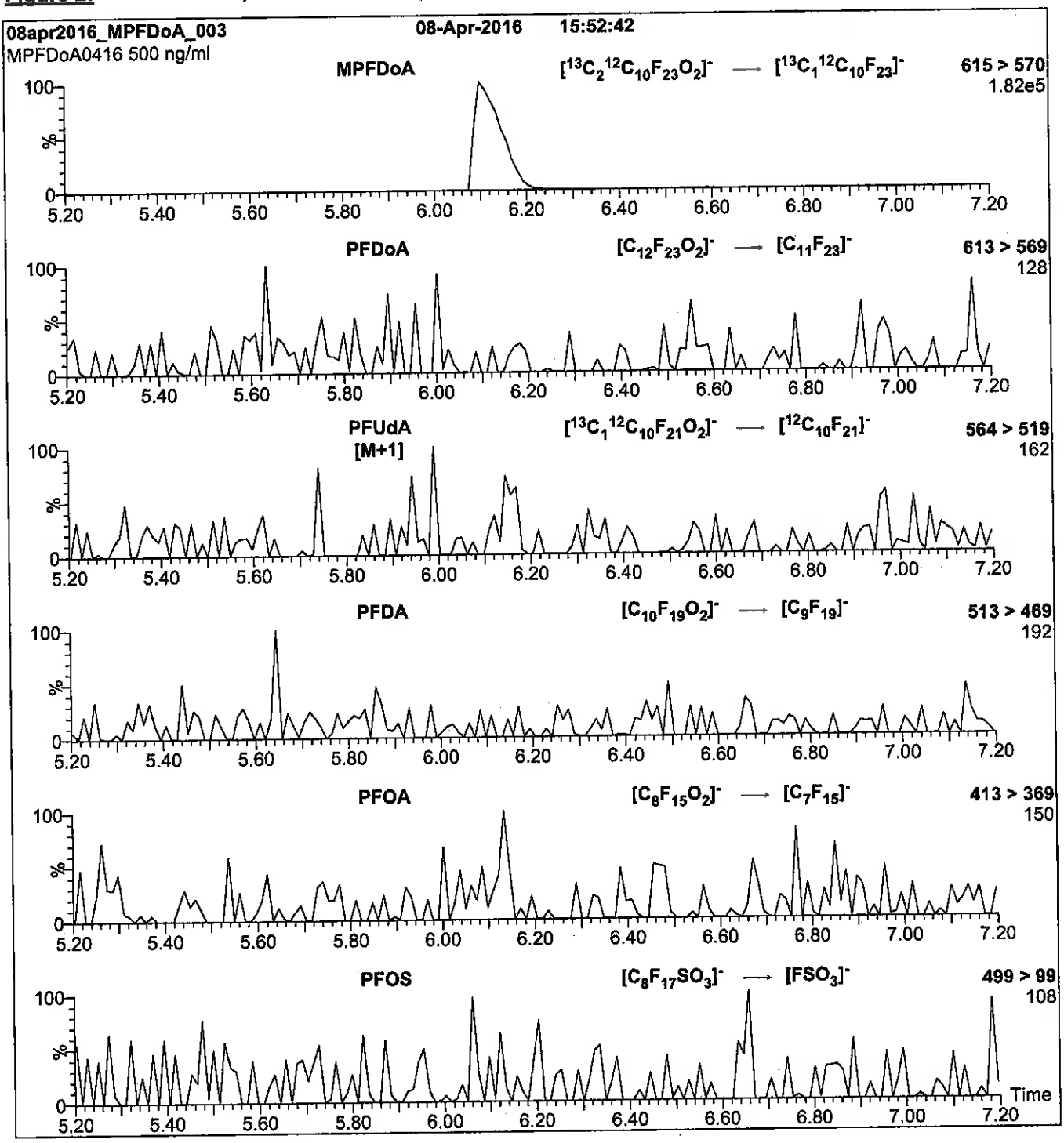
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 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

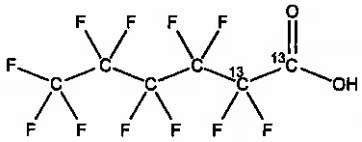
Scanned 10/14/16 JR R: SBC 9/22/16

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



MOLECULAR FORMULA:	$^{13}C_2{}^{12}C_4HF_{11}O_2$	**MOLECULAR WEIGHT:**	316.04
CONCENTRATION:	50 ± 2.5 µg/ml	**SOLVENT(S):**	Methanol Water (<1%)
CHEMICAL PURITY:	>98%	**ISOTOPIC PURITY:**	≥99% ^{13}C ($1,2\text{-}^{13}C_2$)
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.
- 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:** 04/29/2016 (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

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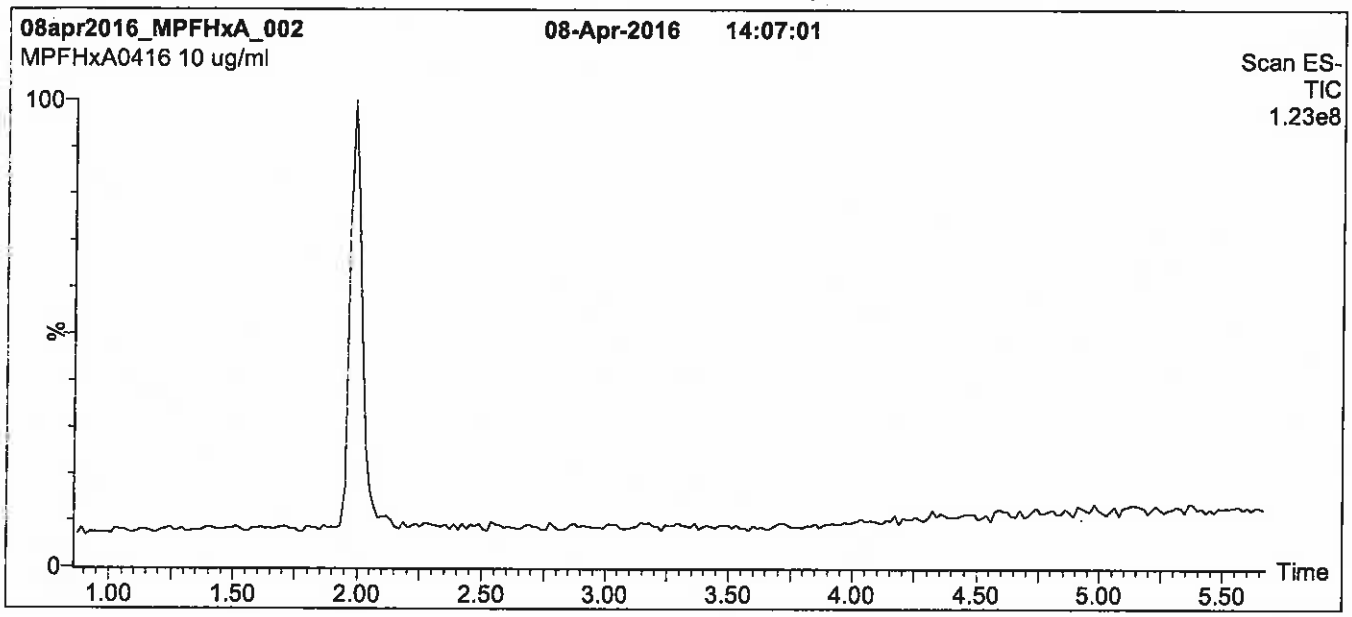
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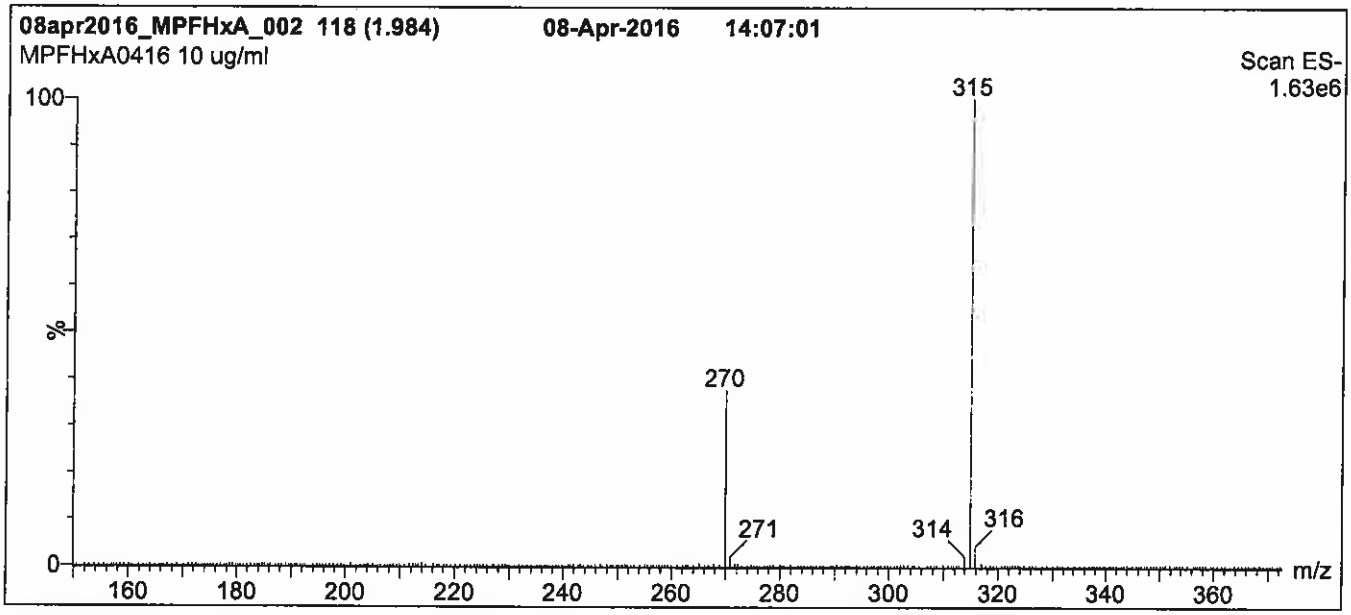
CALA

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

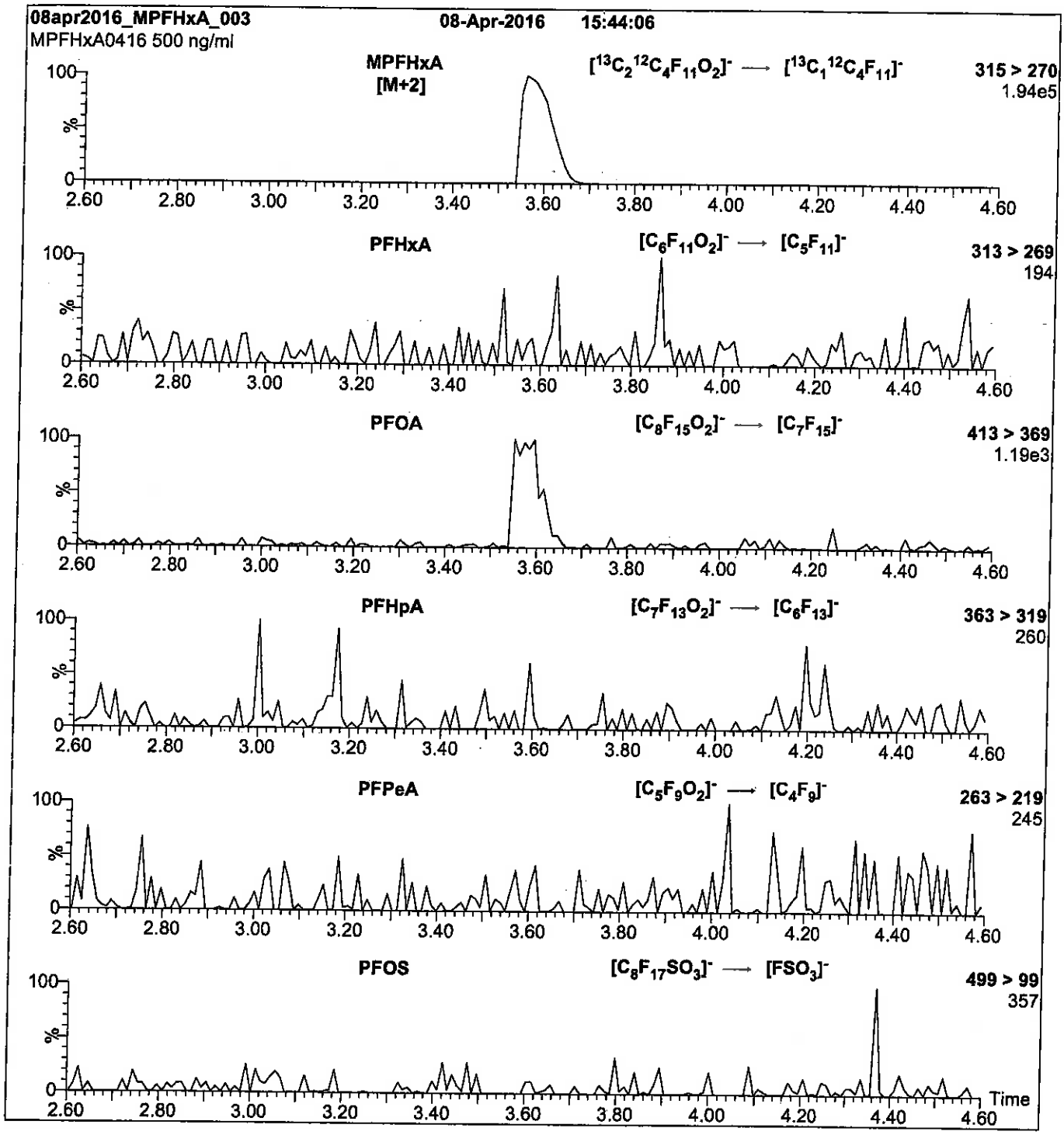
Flow: 300 µl/min

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

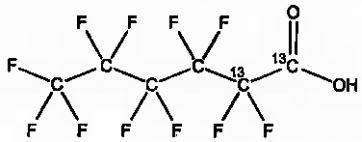
LCMPFHxA_00014

R: 3/9/17 SKV

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE:	MPFHxA	**LOT NUMBER:**	MPFHxA1116
COMPOUND:	Perfluoro-n-[1,2-$^{13}C_2$]hexanoic acid		
STRUCTURE:		**CAS #:**	Not available



MOLECULAR FORMULA:	$^{13}C_2{}^{12}C_4HF_{11}O_2$	**MOLECULAR WEIGHT:**	316.04
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)	11/22/2016		
EXPIRY DATE: (mm/dd/yyyy)	11/22/2021		
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.
- 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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QUALITY MANAGEMENT:

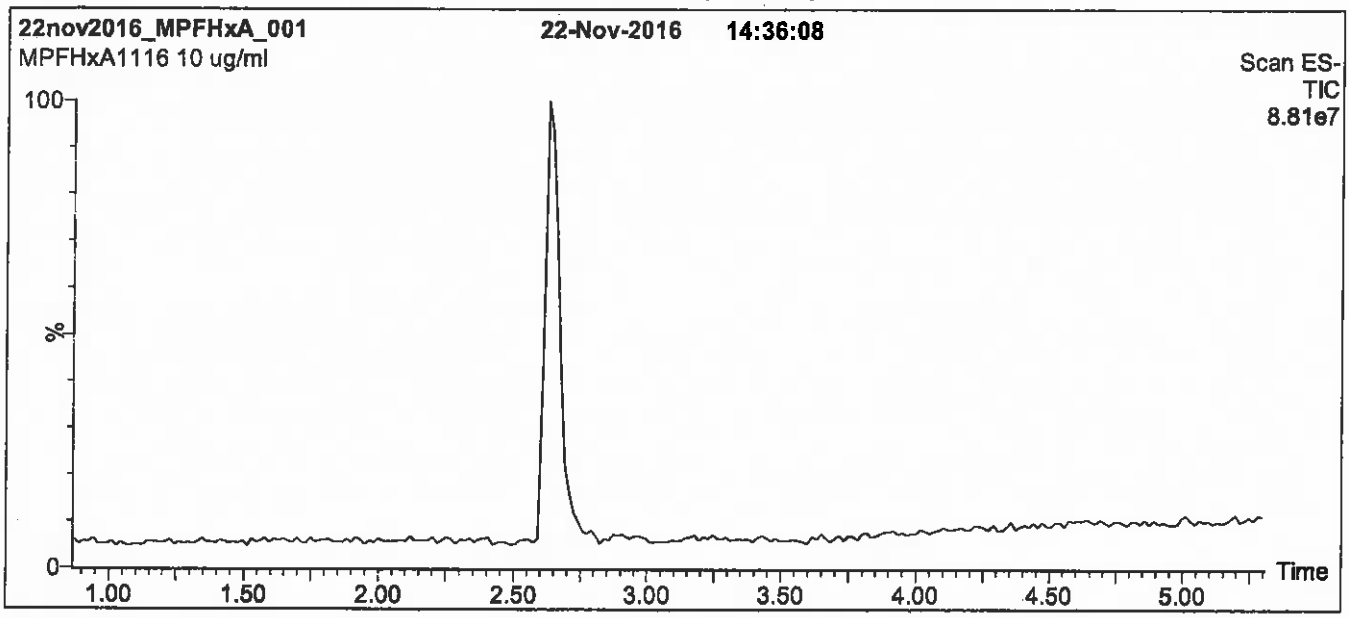
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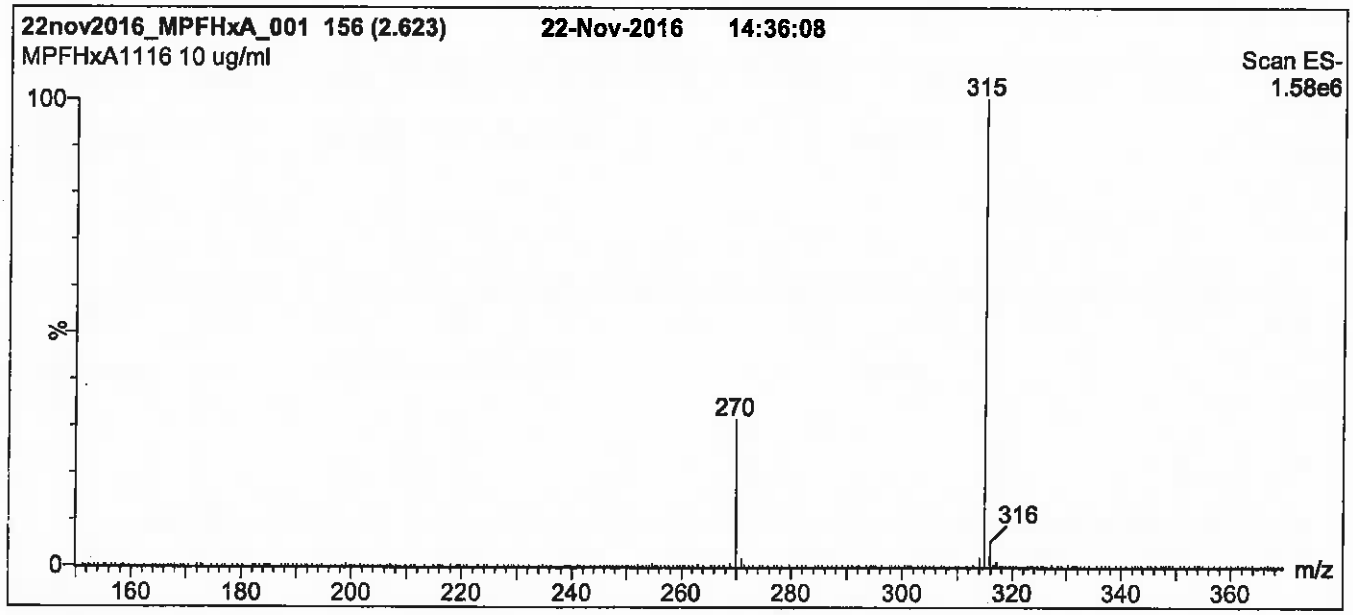
CALA

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: 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 over 0.5 min.
Time: 10 min

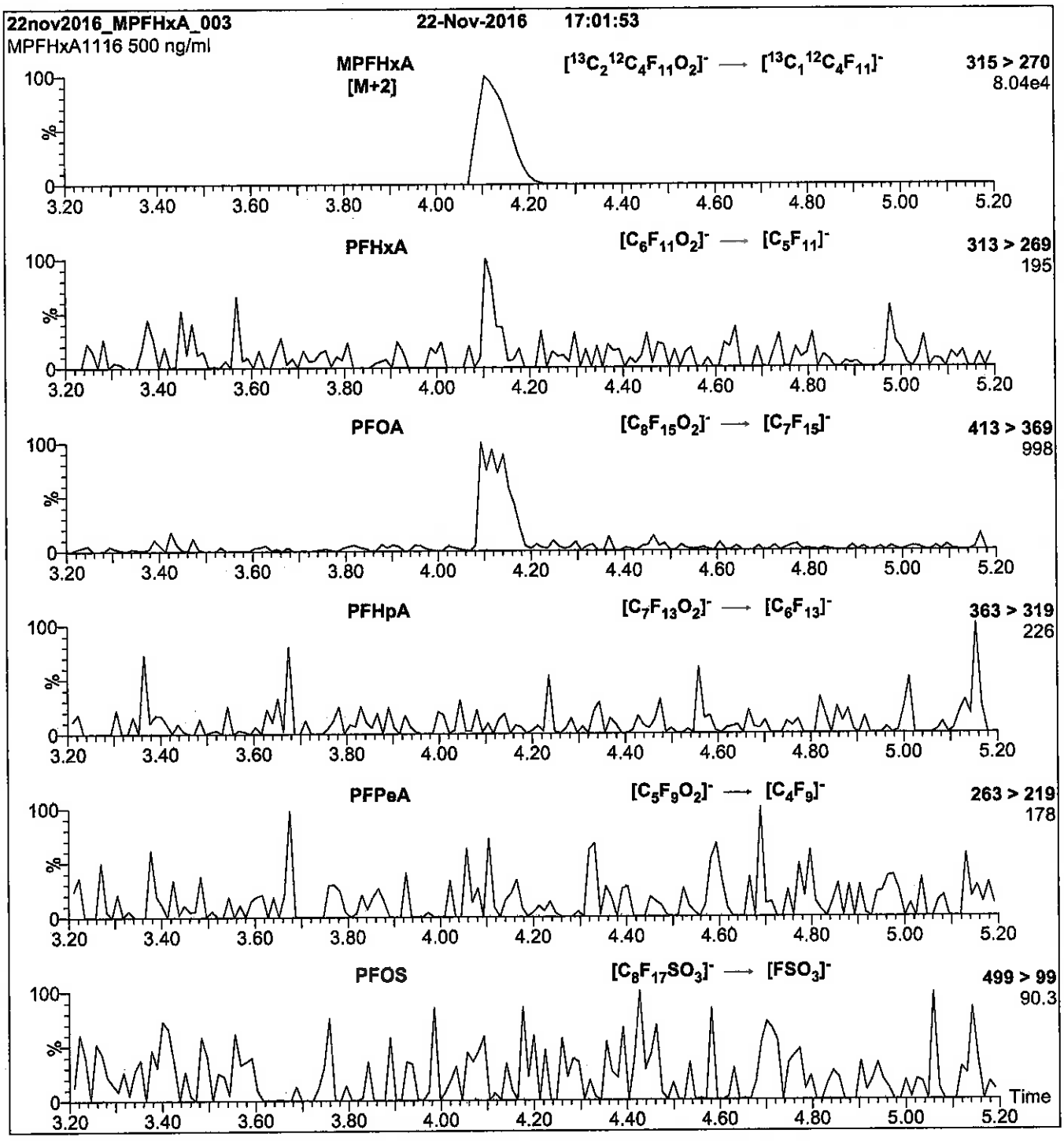
Flow: 300 µl/min

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) = 3.46e-3
Collision Energy (eV) = 10

Reagent

LCMPFHxS_00008

R: SBC 9/22/16

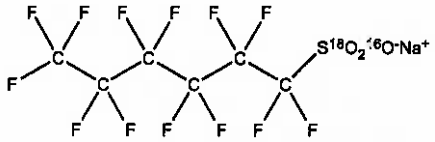
739601
ID: LCMPFHxS_00008
Exp: 10/23/20 Prpd: SBC
18O2-Perfluorohexanesulfo

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.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 10/28/2015 (mm/dd/yyyy)

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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:

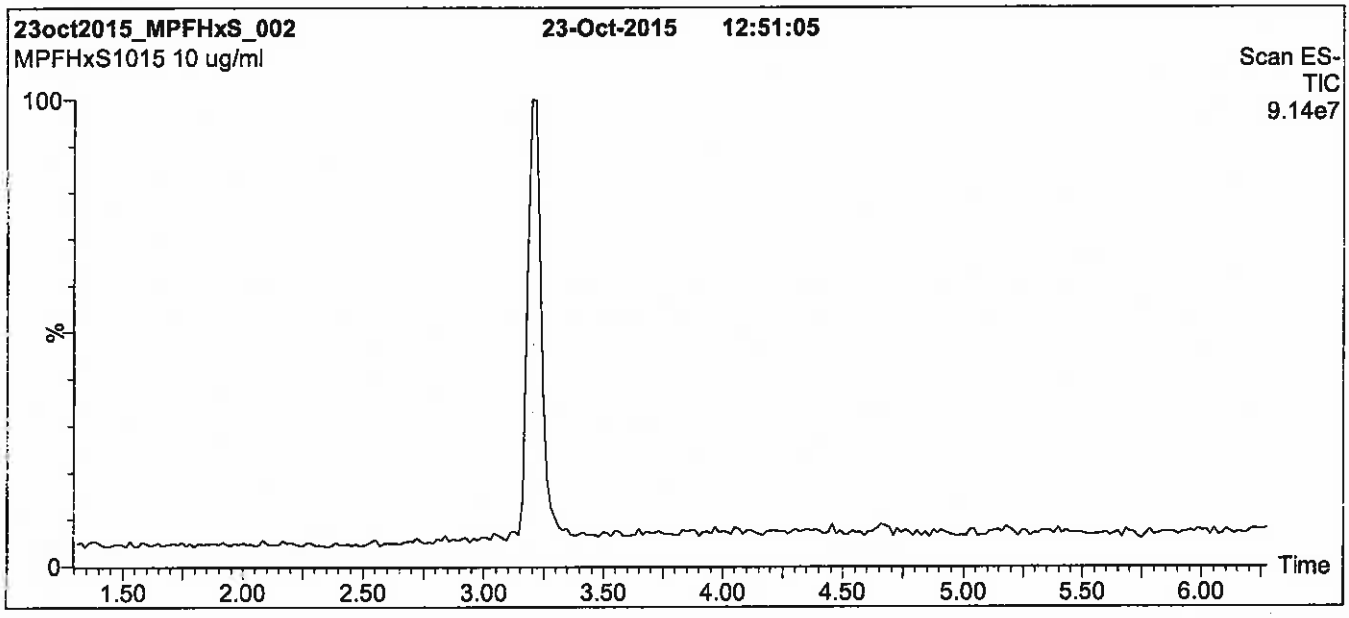
At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

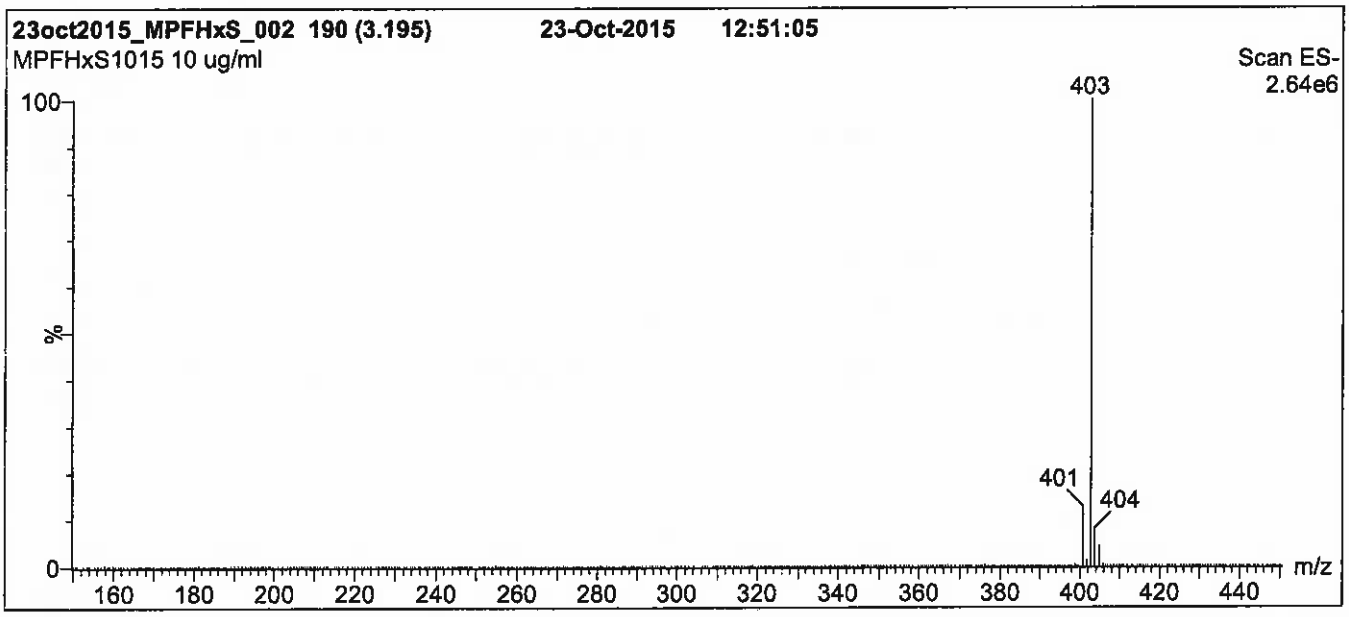
QUALITY MANAGEMENT:

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).

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: **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

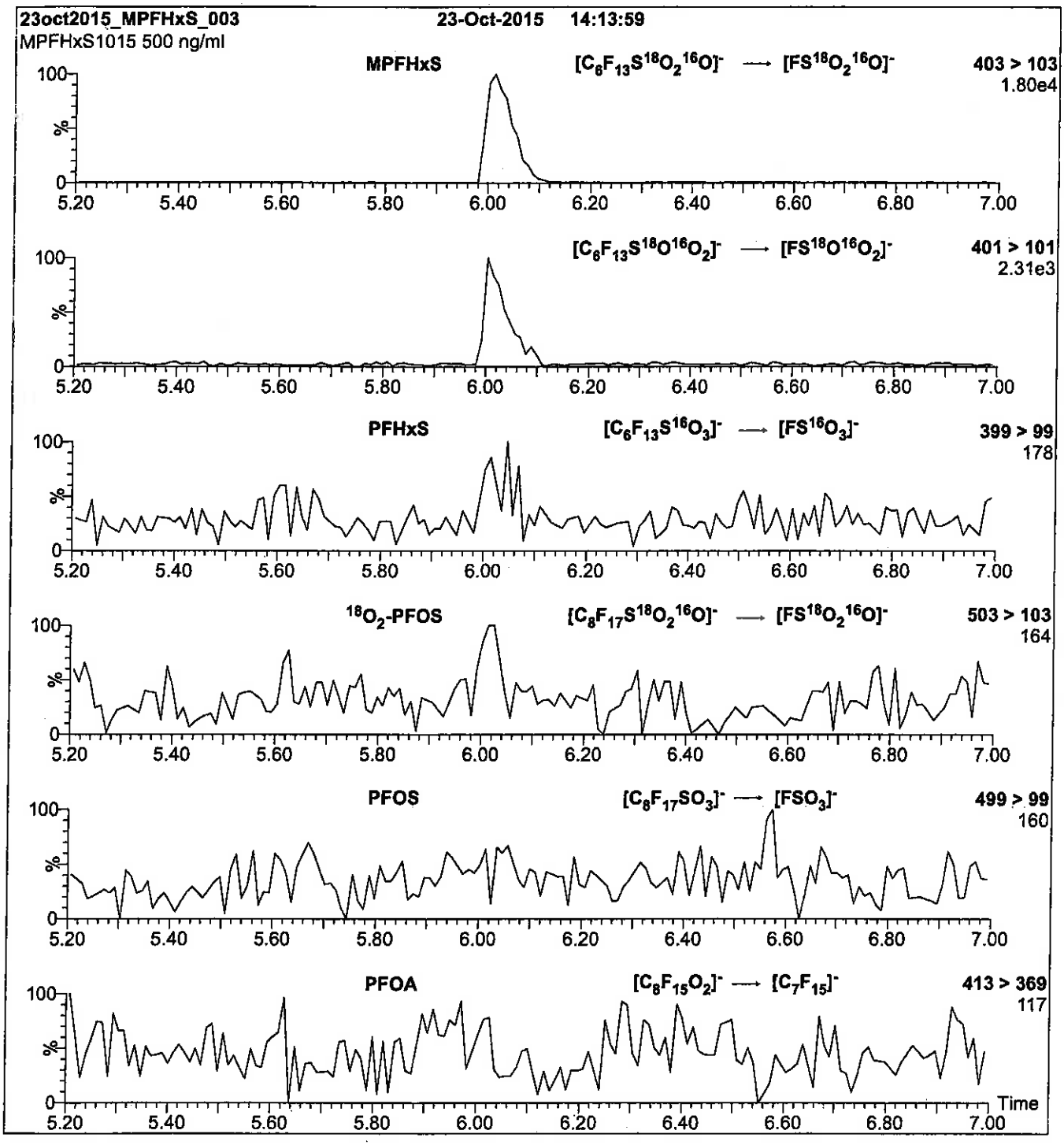
Flow: 300 µl/min

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

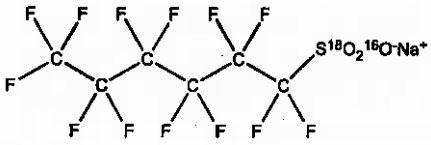
LCMPFHxS_00009

r: 3/9/17 SRV

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

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 ($C_6F_{13}S^{18}O_3^-$) 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.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 10/28/2015 (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:

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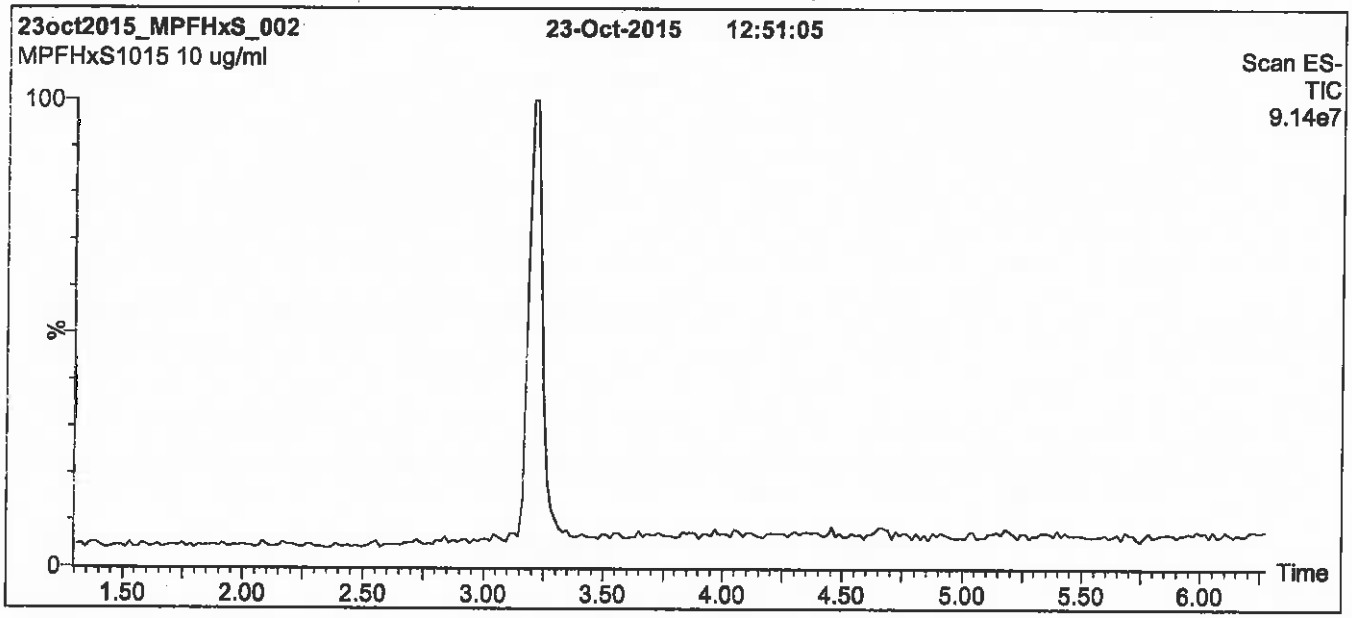
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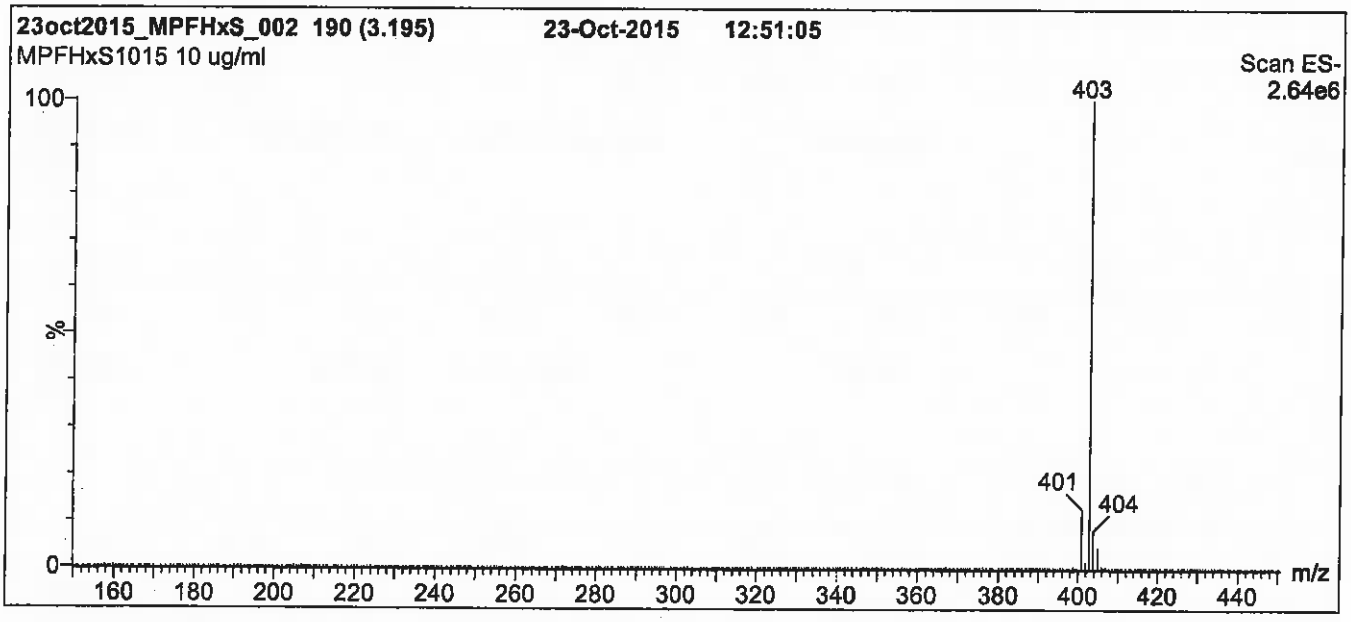
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LC: Waters Acquity Ultra Performance LC
MS: Micromass Quattro *micro* API MS

Chromatographic Conditions

Column: Acquity UPLC BEH Shield RP_{18}
1.7 µm, 2.1 x 100 mm

Mobile phase: Gradient
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(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

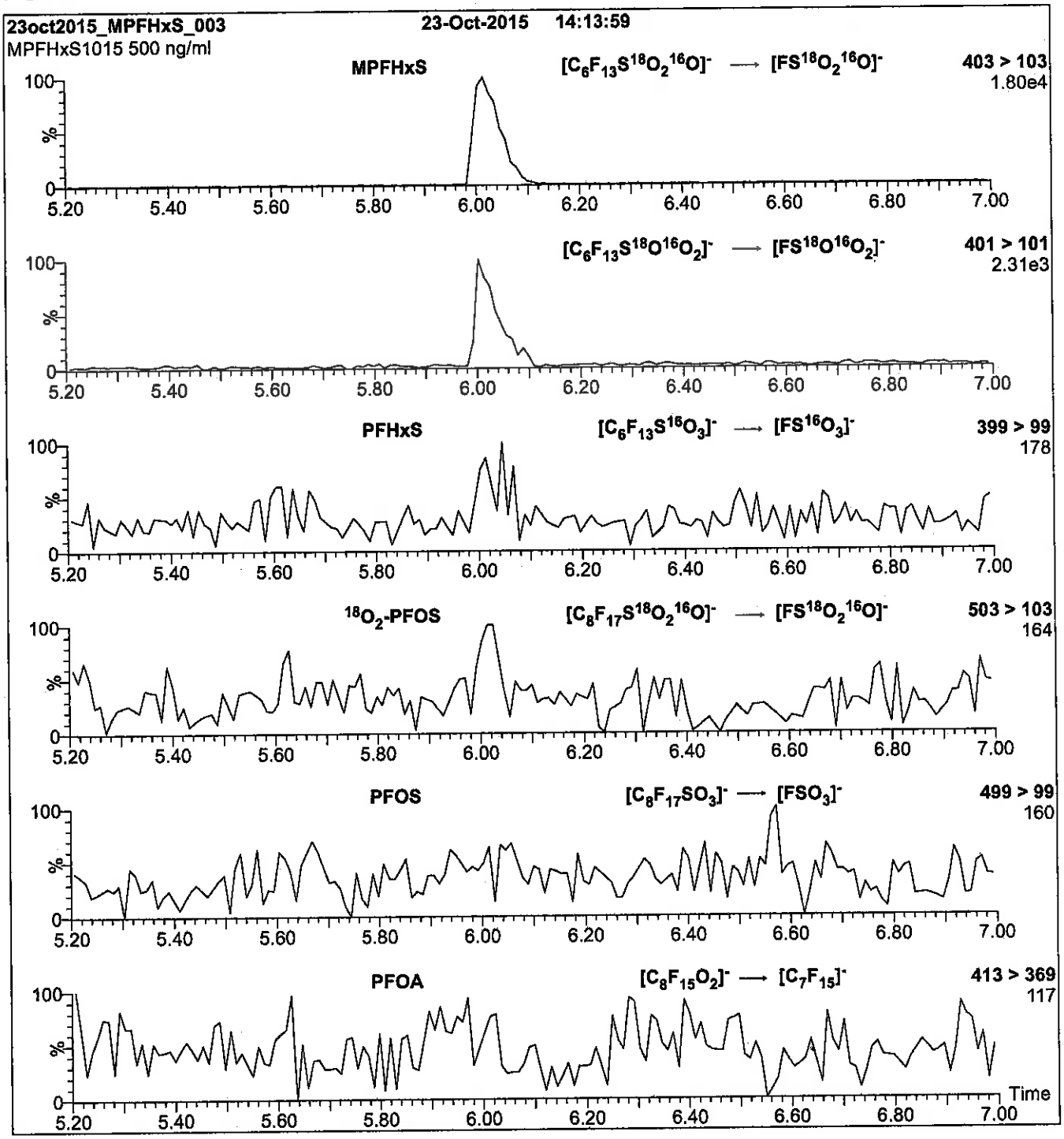
Flow: 300 µl/min

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

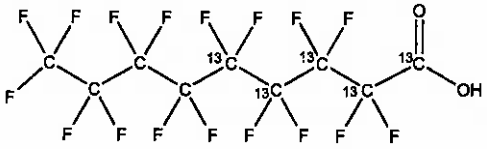
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739637
ID: LCMPFNA_00008
Exp: 04/13/19 Prpd: SBC
13C5-Perfluorononanoic aci

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

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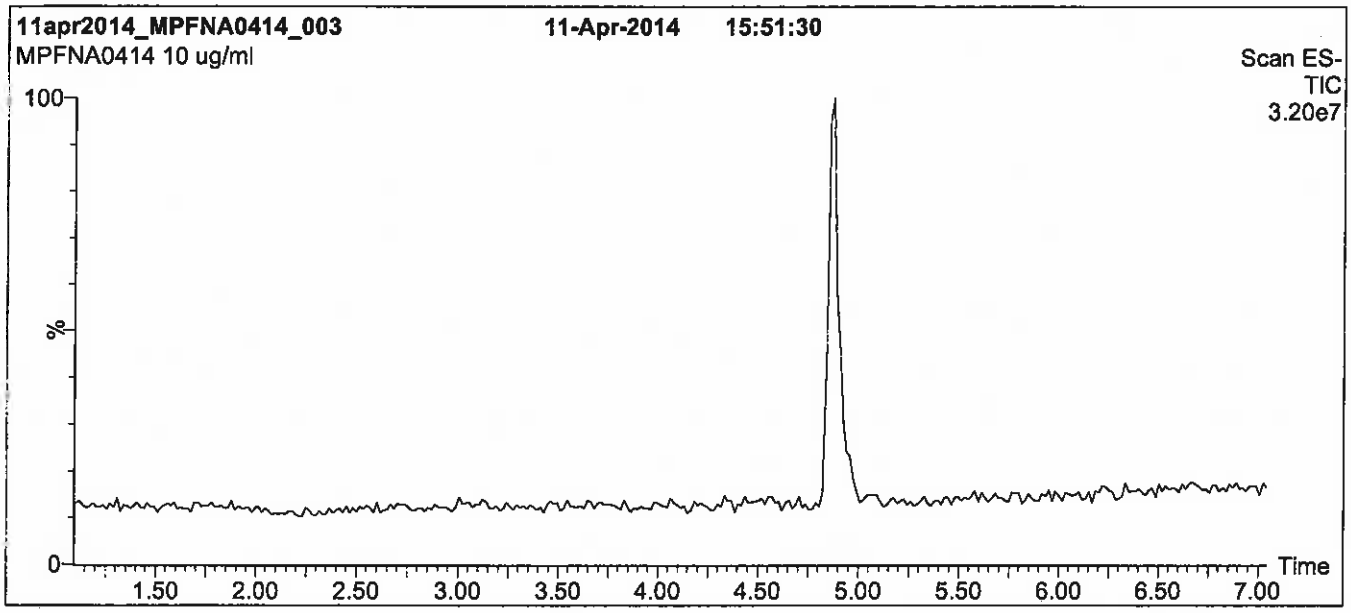
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

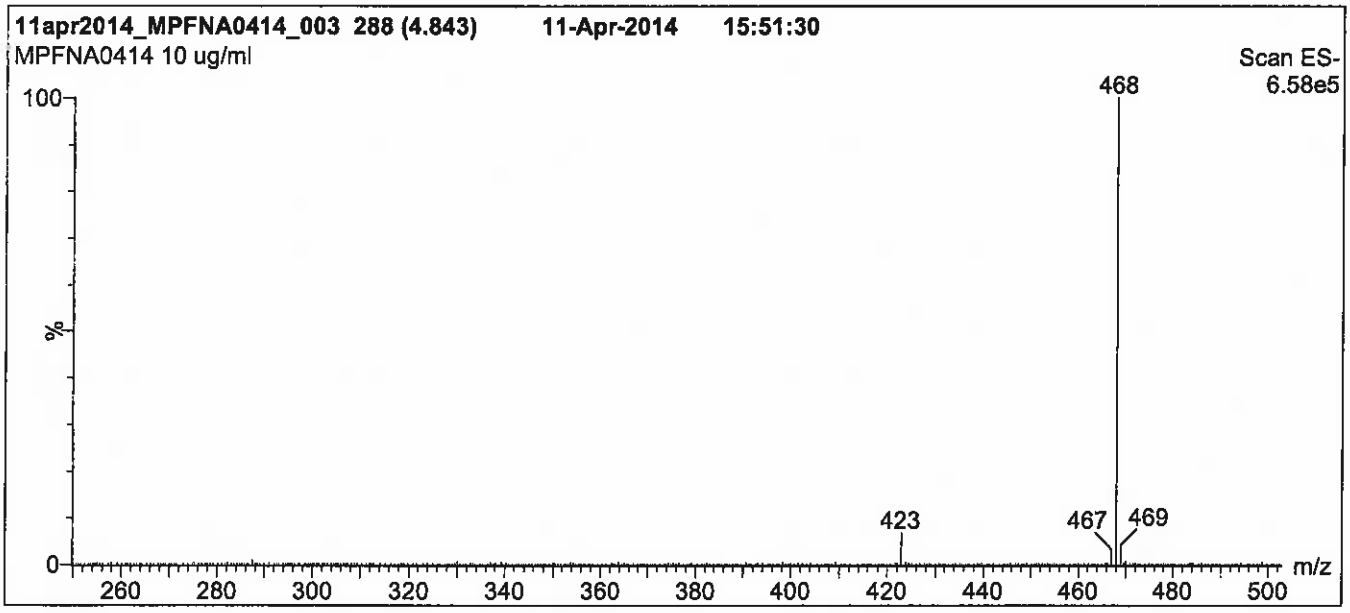
CALA

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

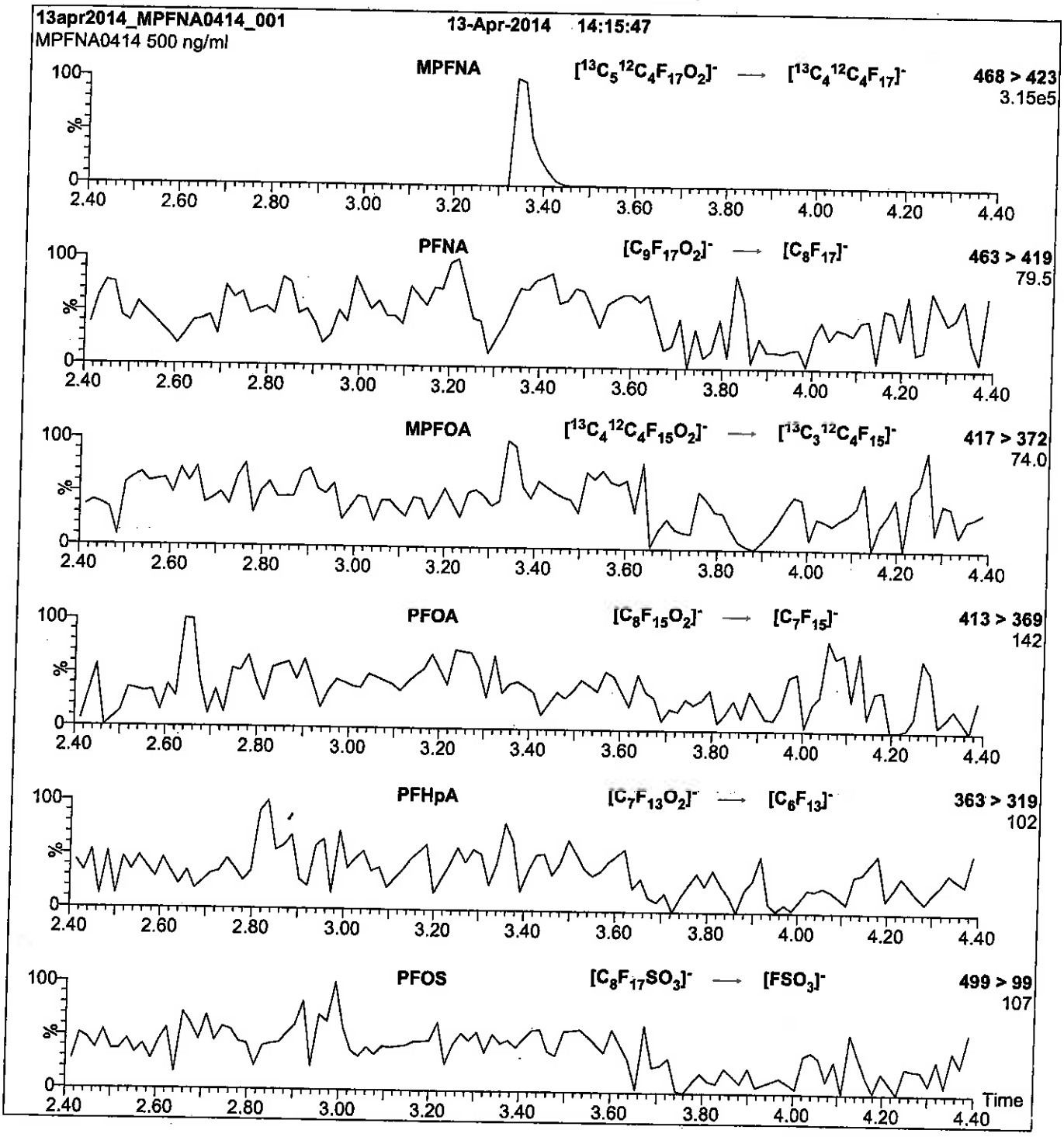
Flow: 300 µl/min

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

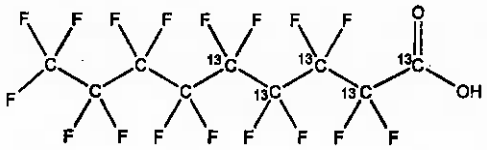
LCMPFNA_00009

R: 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-$^{13}C_5$)
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:

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- See page 2 for further details.
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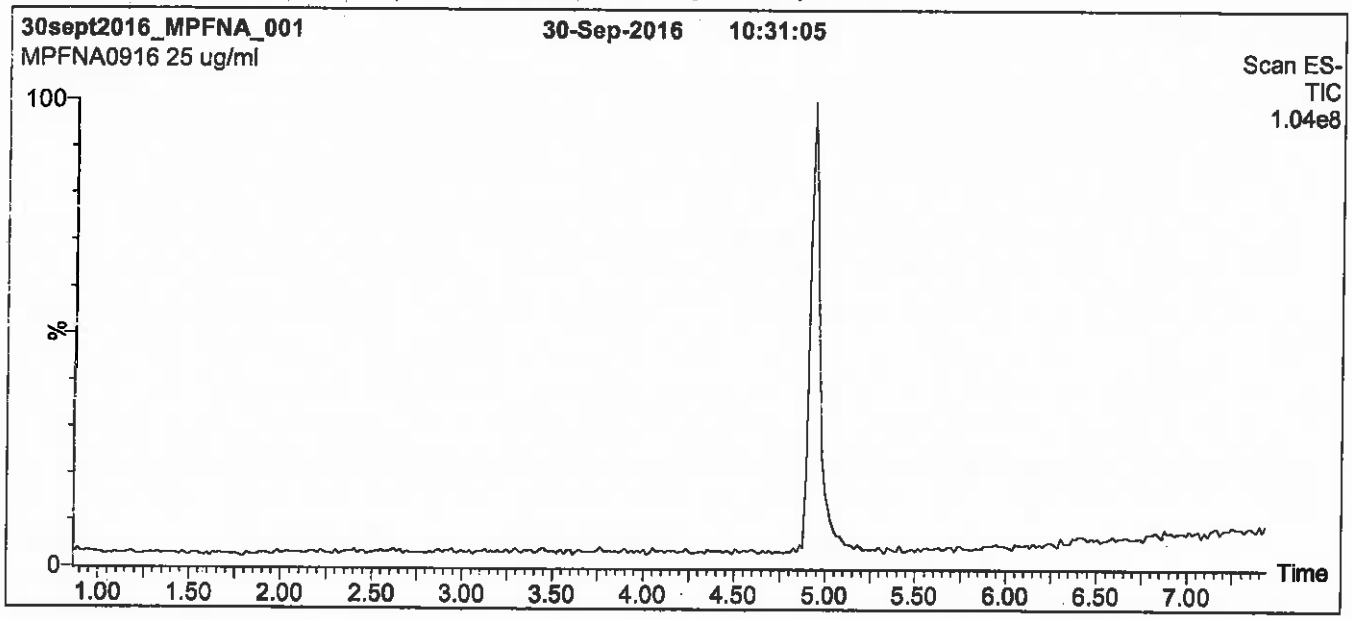
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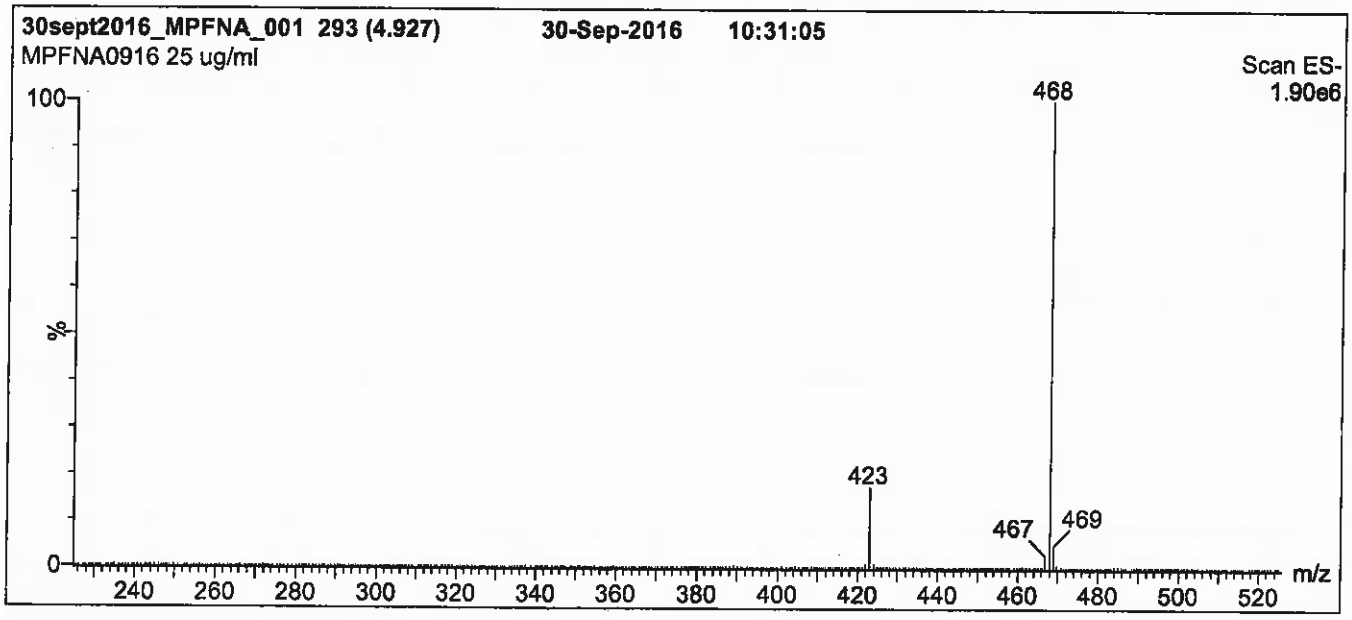
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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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: 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

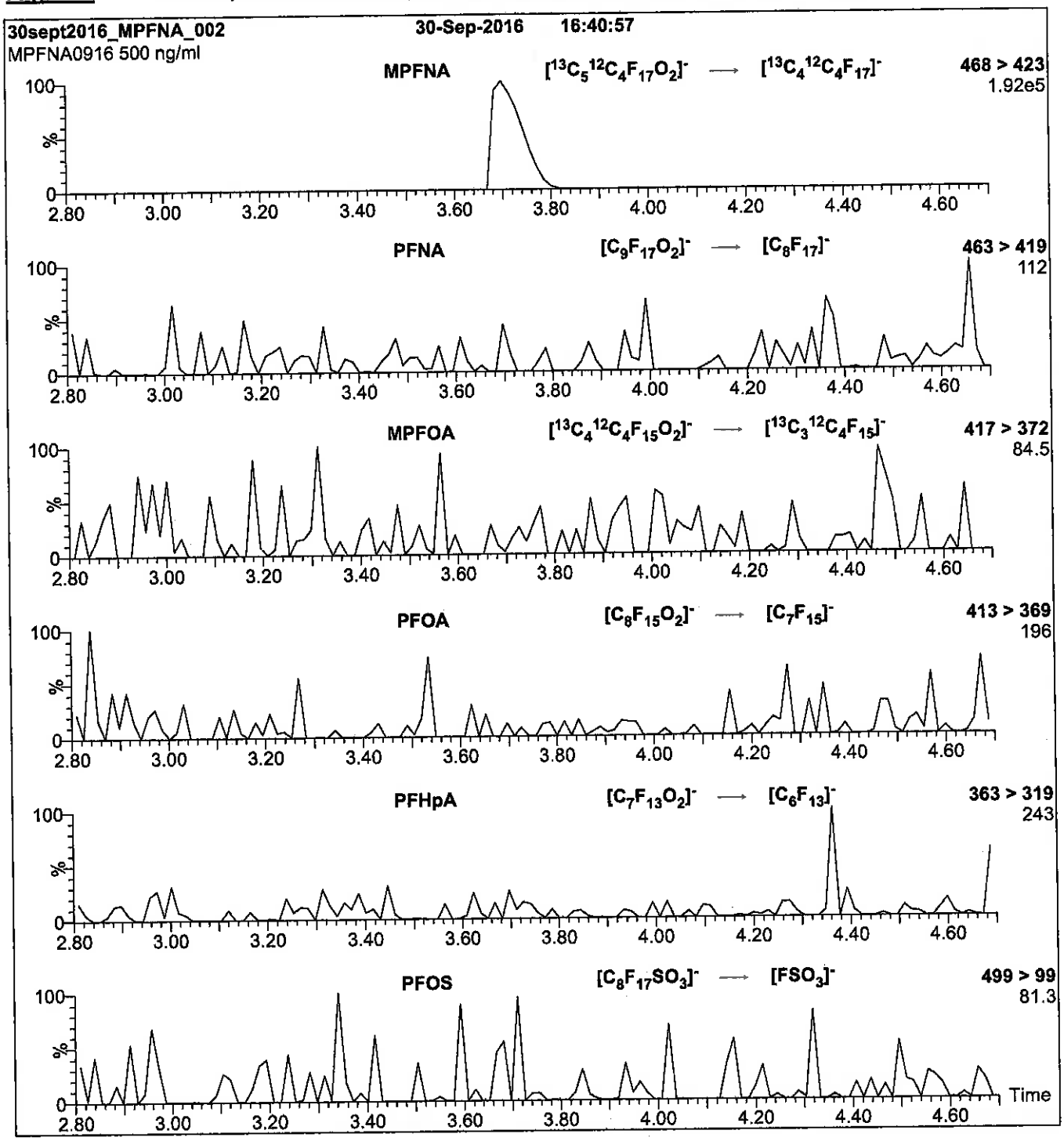
Flow: 300 µl/min

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)

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) = 11

Reagent

LCMPFOA_00012

R: SBC 9/22/16

738683
ID: LCMPFOA_00012
Exp: 01/22/21 Prpd: SBC
13C4-Perfluorooctanoic ac

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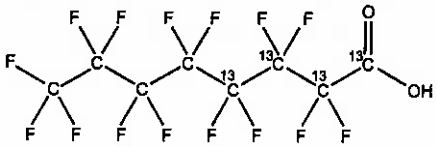
CERTIFICATE OF ANALYSIS
DOCUMENTATION

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 ($1,2,3,4\text{-}^{13}C_4$)

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

Form#:27, Issued 2004-11-10
Revision#:3, Revised 2015-03-24

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:

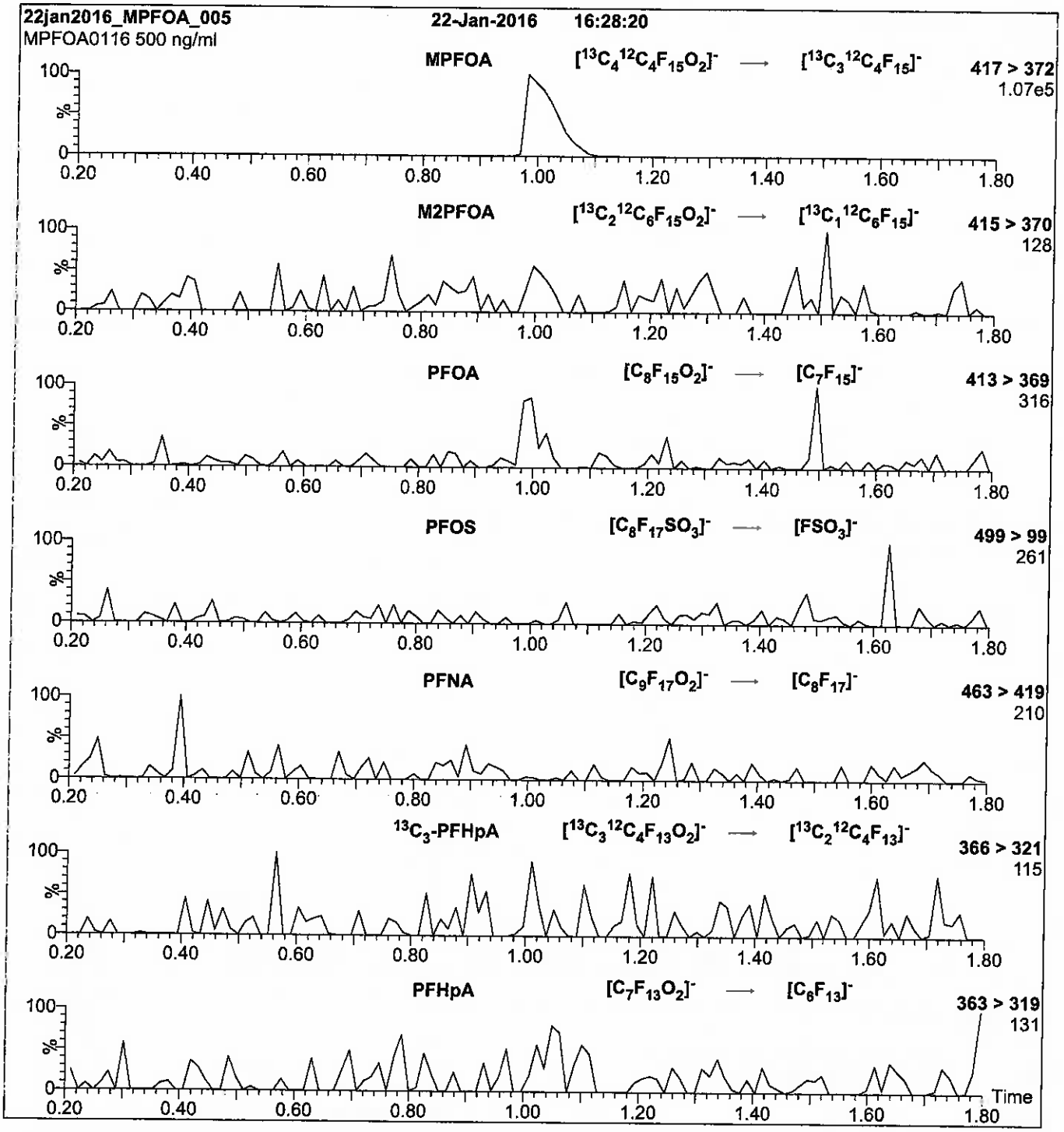
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

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 2: **MPFOA; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml MPFOA)

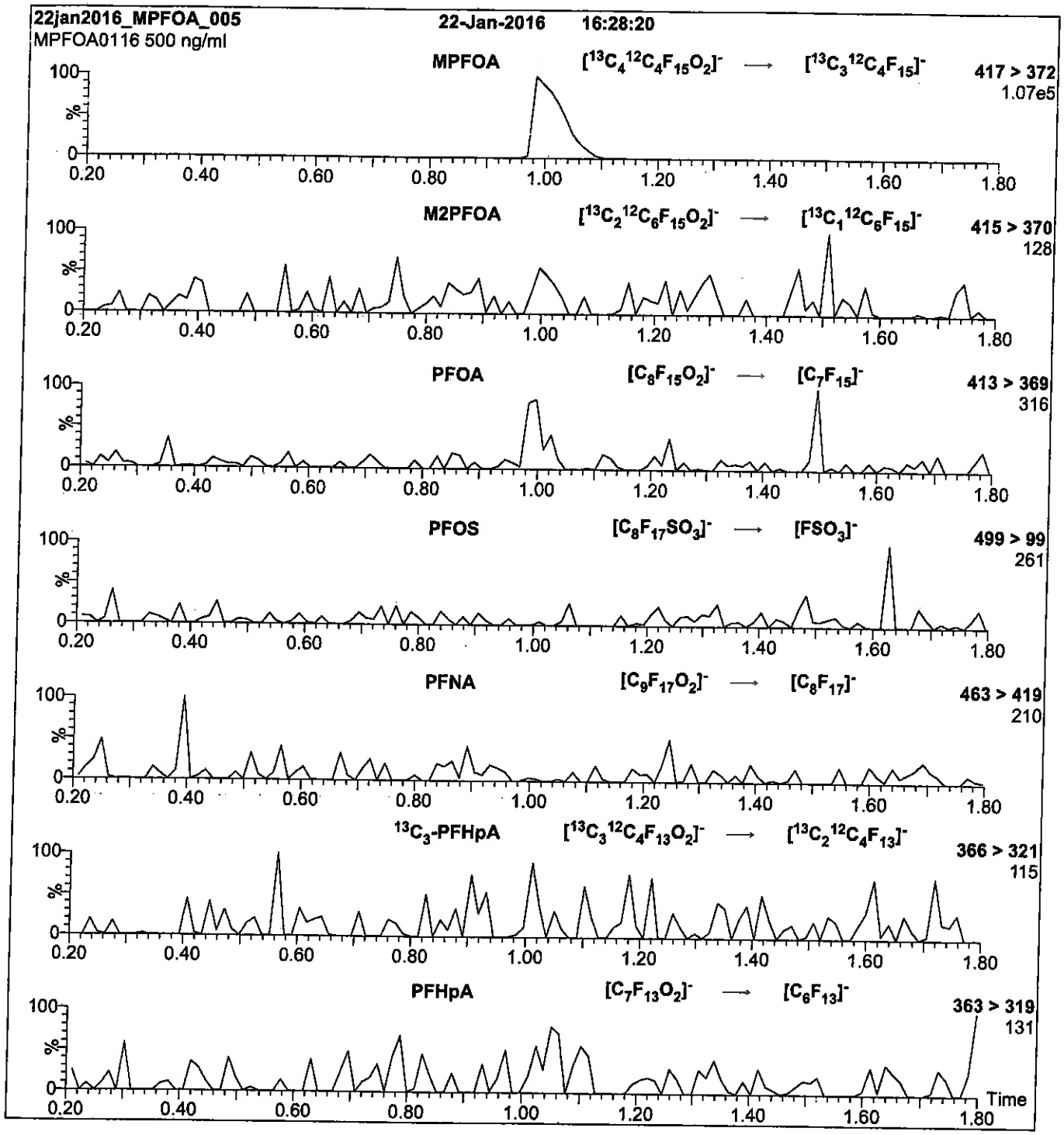
Mobile phase: Isocratic 80% (80:20 MeOH:ACN) / 20% H_2O
(both with 10 mM NH_4OAc buffer)

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)
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

Reagent

LCMPFOA_00013

r: 3/9/17 SRV

WELLINGTON LABORATORIES

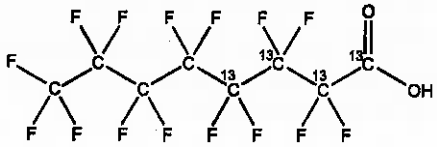
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: MPFOA
COMPOUND: Perfluoro-n-[1,2,3,4-$^{13}C_4$]octanoic acid

LOT NUMBER: MPFOA1016

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA:	$^{13}C_4{}^{12}C_4HF_{15}O_2$	**MOLECULAR WEIGHT:**	418.04
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)	10/18/2016		
EXPIRY DATE: (mm/dd/yyyy)	10/18/2021		
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 ~ 0.1% 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:

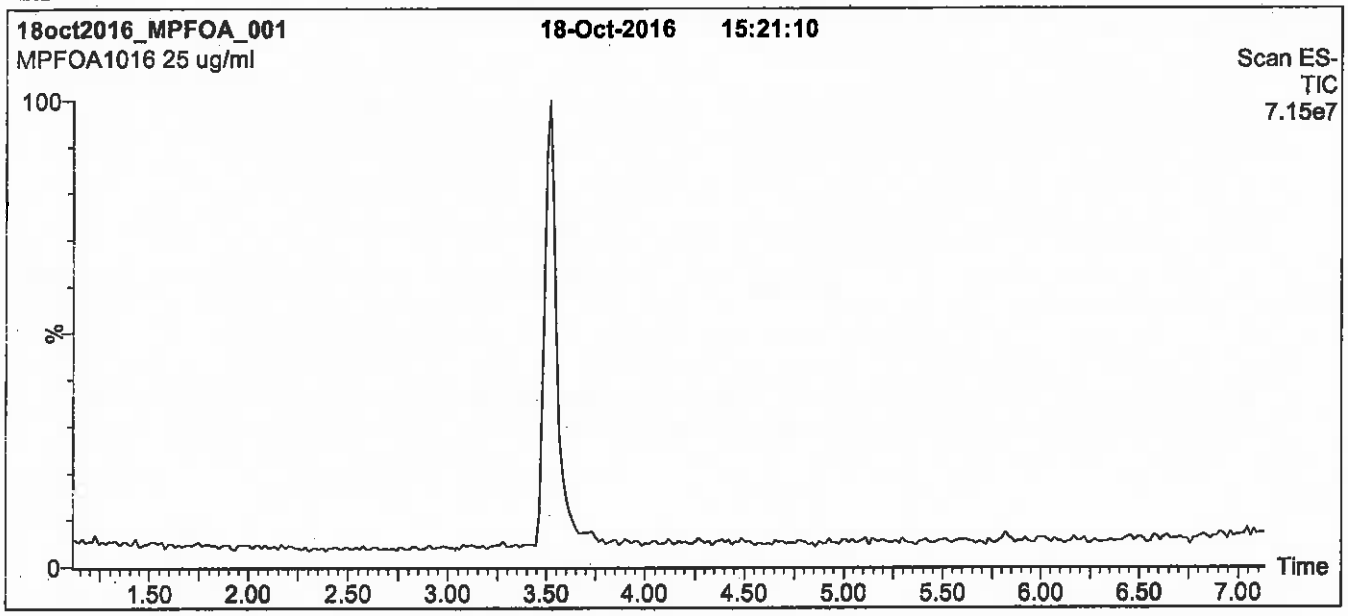
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

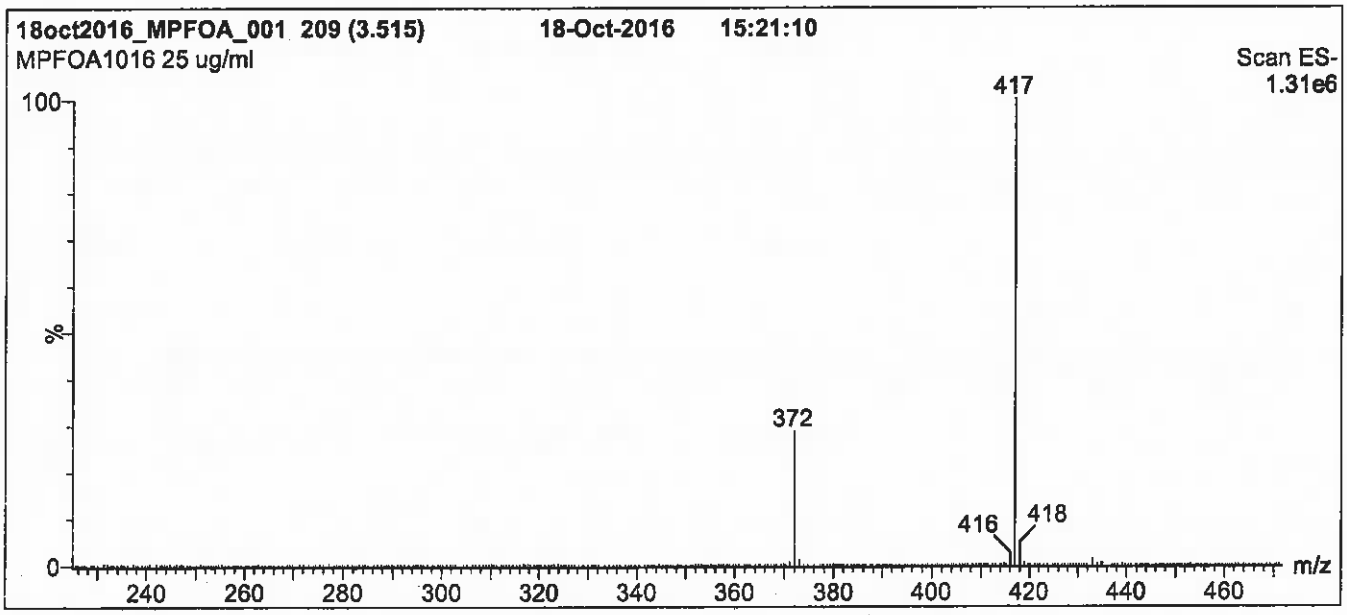
CALA

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

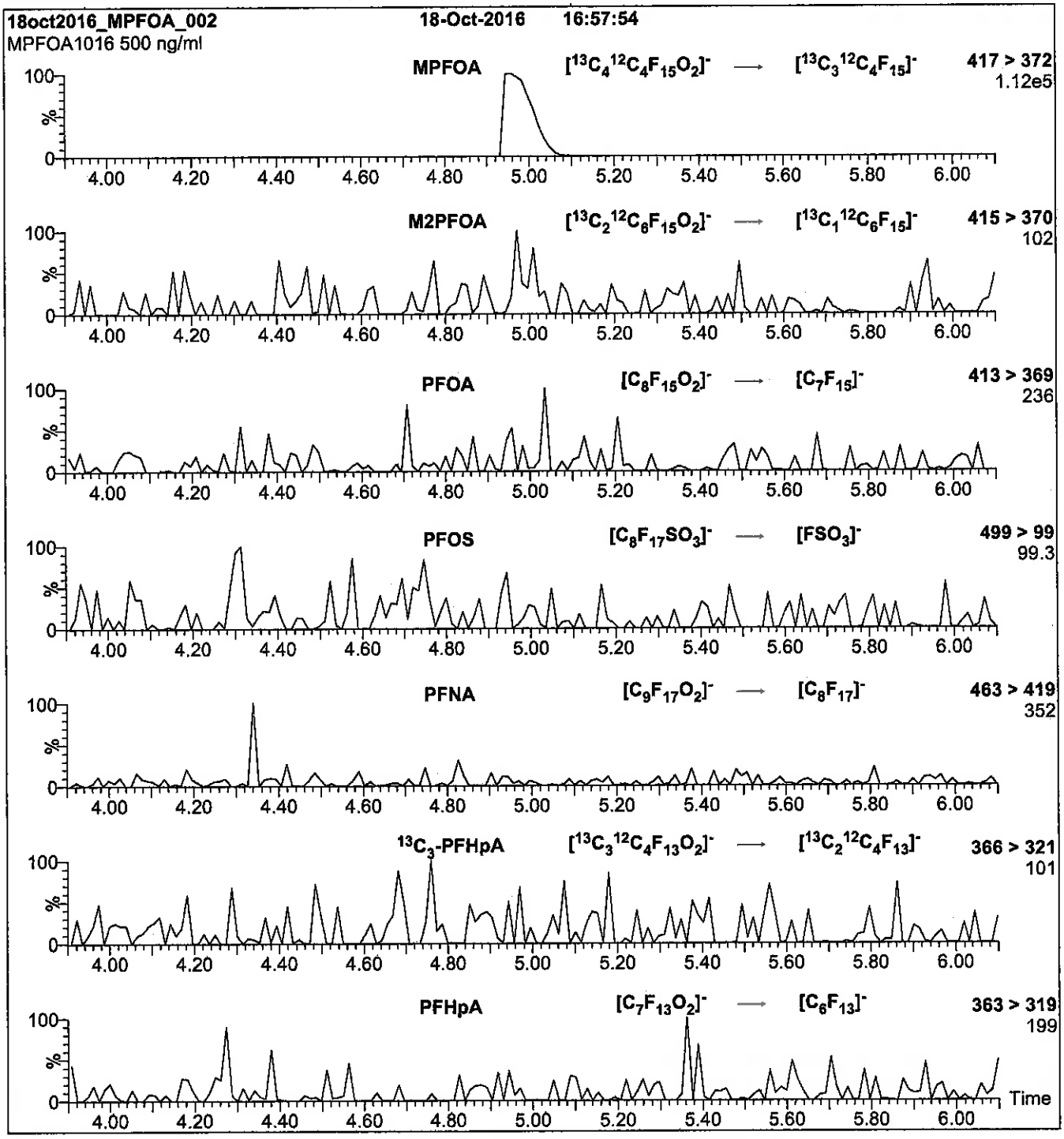
Flow: 300 µl/min

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 Ppd: SBC
13C4-Perfluorooctanesulfo

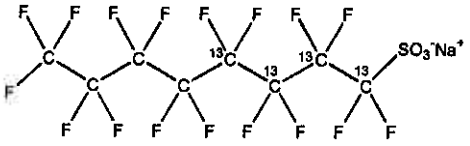
WELLINGTON LABORATORIES

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) 47.8 ± 2.4 µg/ml (MPFOS anion)	**SOLVENT(S):**	Methanol
CHEMICAL PURITY:	>98%	**ISOTOPIC PURITY:**	≥99% ^{13}C ($1,2,3,4\text{-}^{13}C_4$)
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:

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:

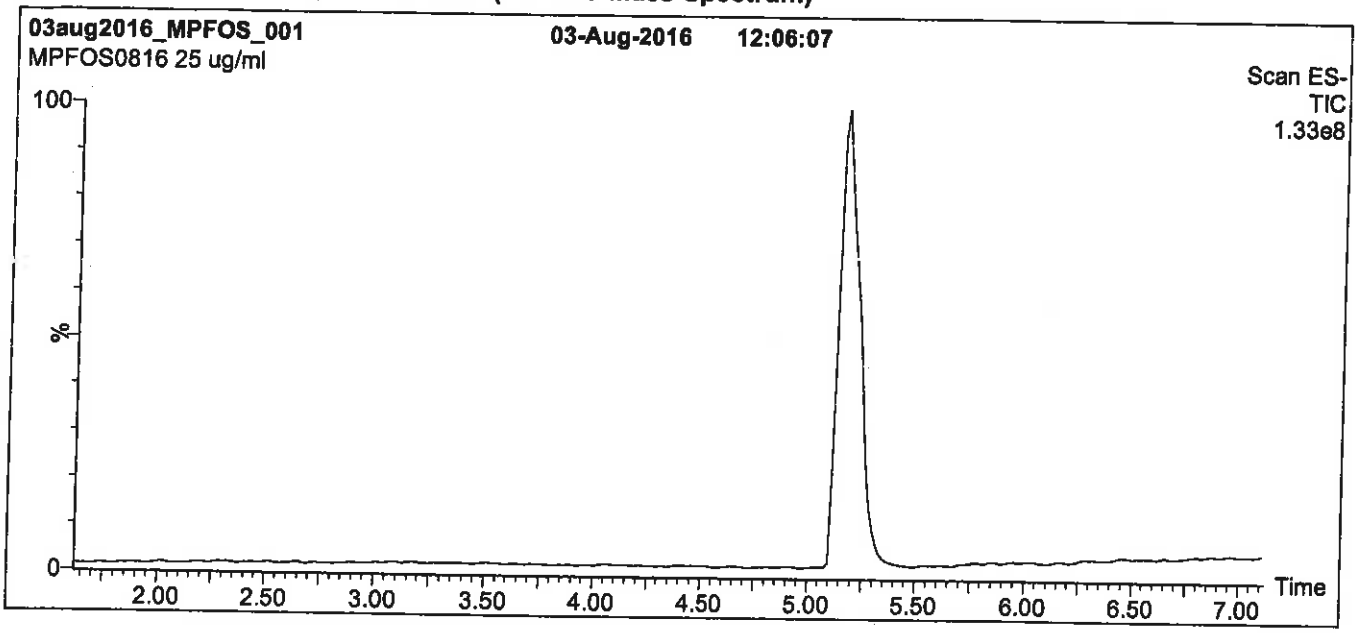
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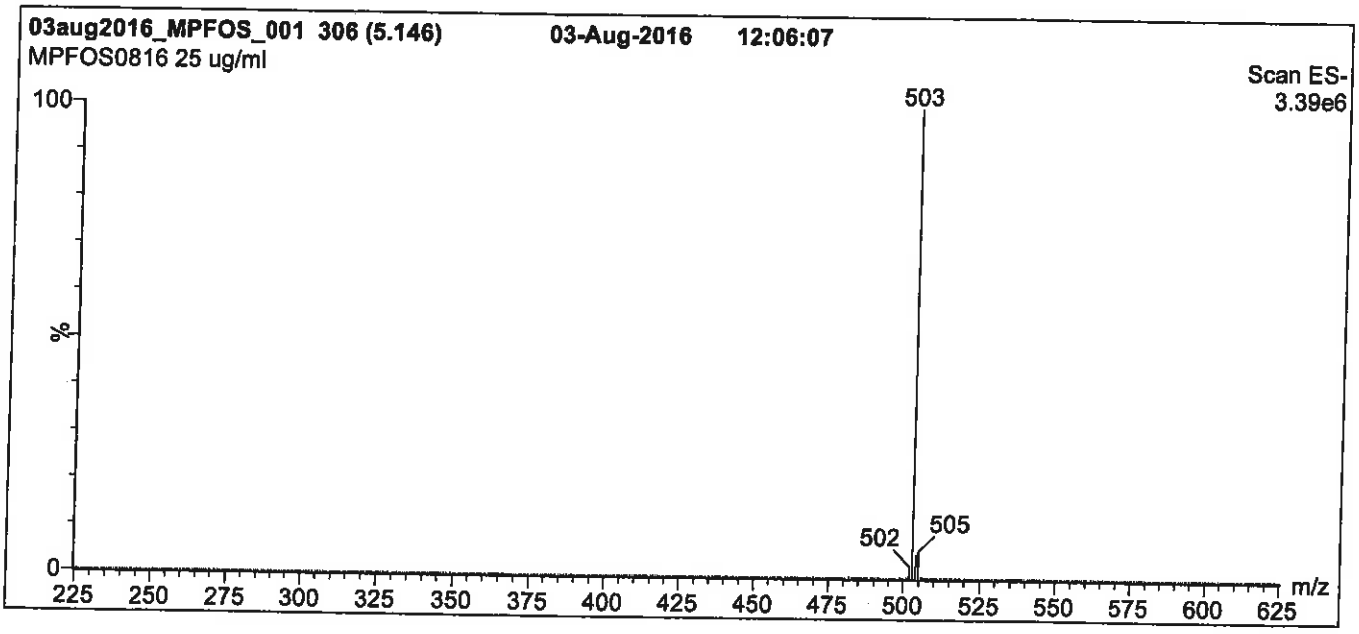
CALA

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: **MPFOS; 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 7 min and hold for 1.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min

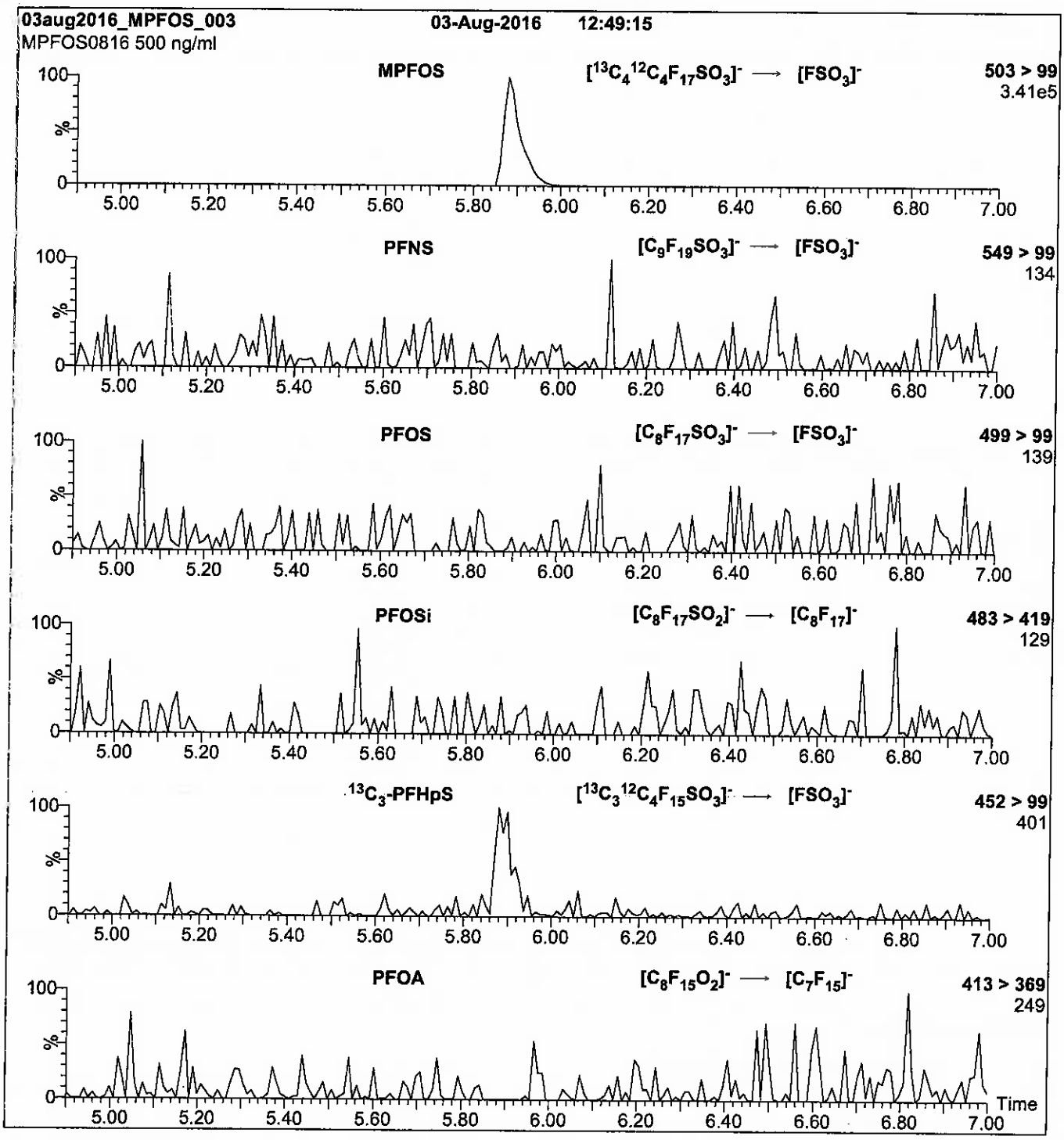
Flow: 300 µl/min

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)

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) = 40

Reagent

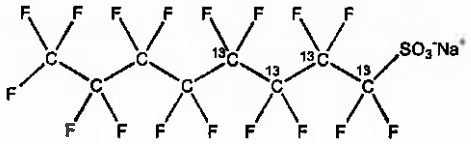
LCMPFOS_00020

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 ($1,2,3,4\text{-}^{13}C_4$)
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

INTENDED USE:

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HAZARDS:

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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.

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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:

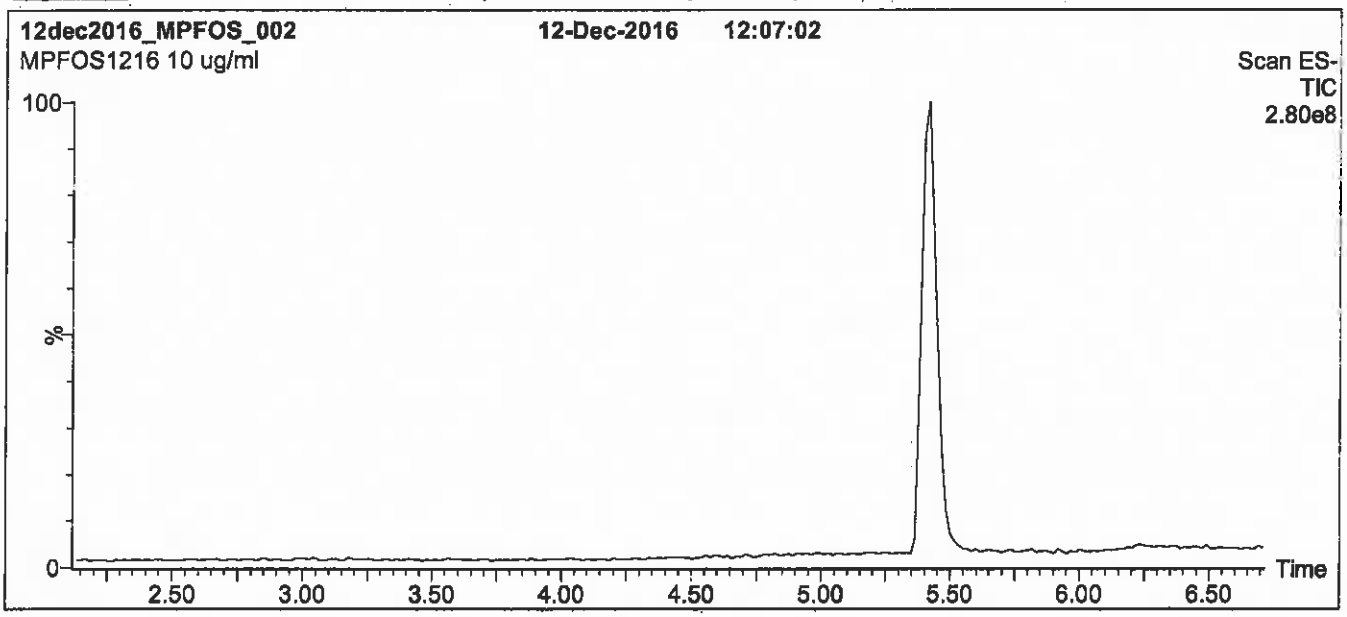
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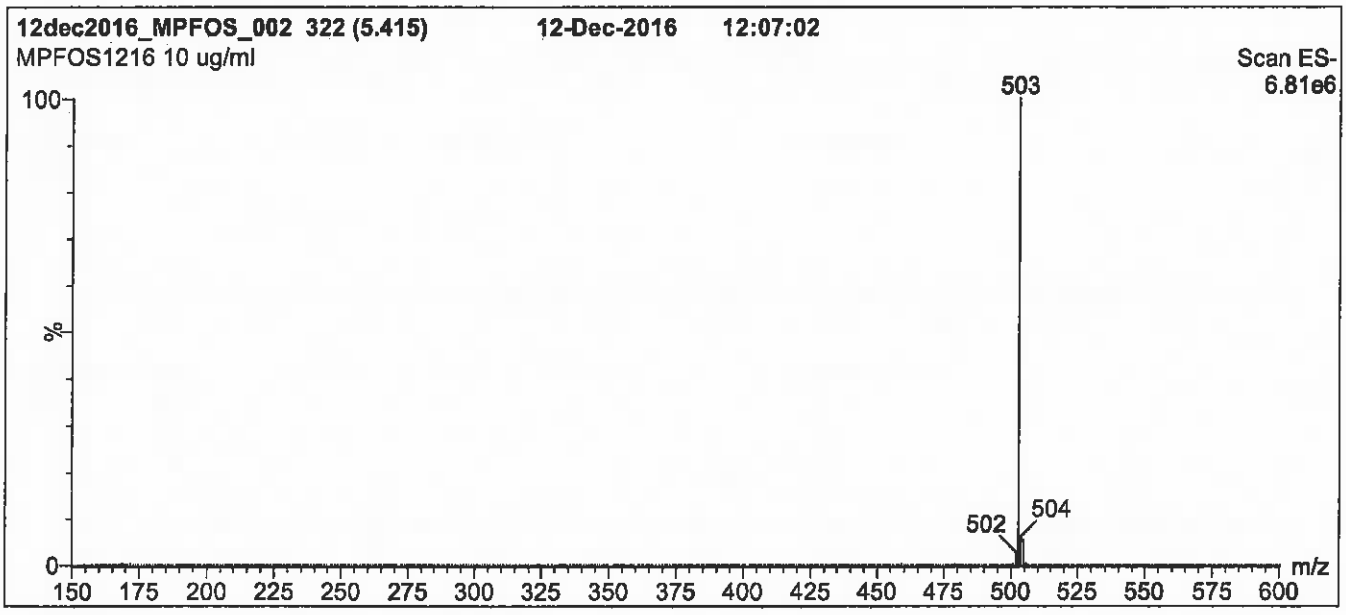
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Figure 1: **MPFOS; LC/MS Data (TIC and Mass Spectrum)**





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 85% organic over 7.5 min and hold for 1.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min

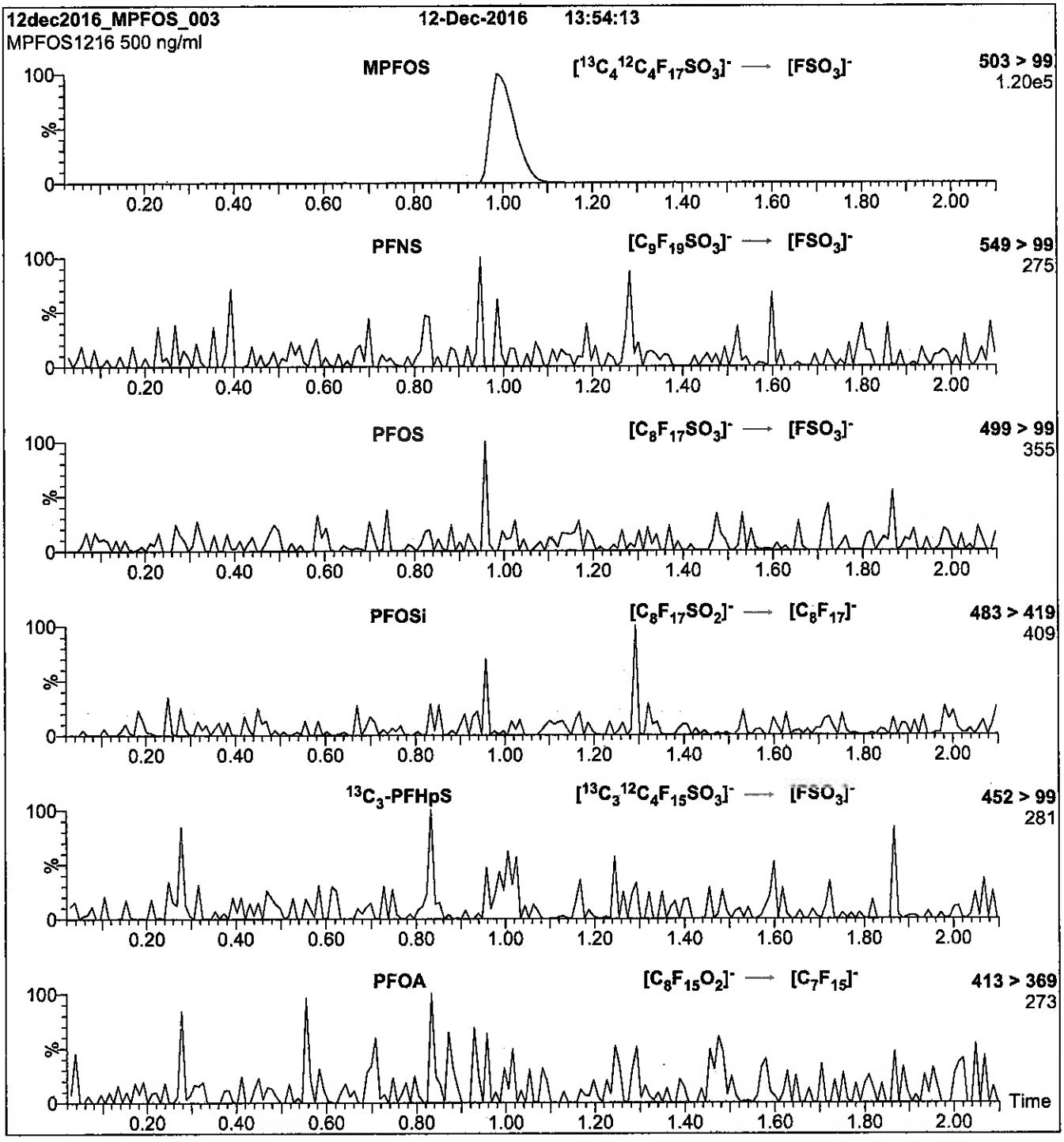
Flow: 300 µl/min

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

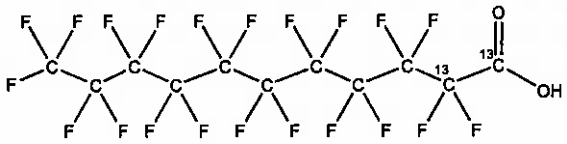
WELLINGTON LABORATORIES

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.

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Certified By: B.G. Chittim **Date:** 02/24/2016 (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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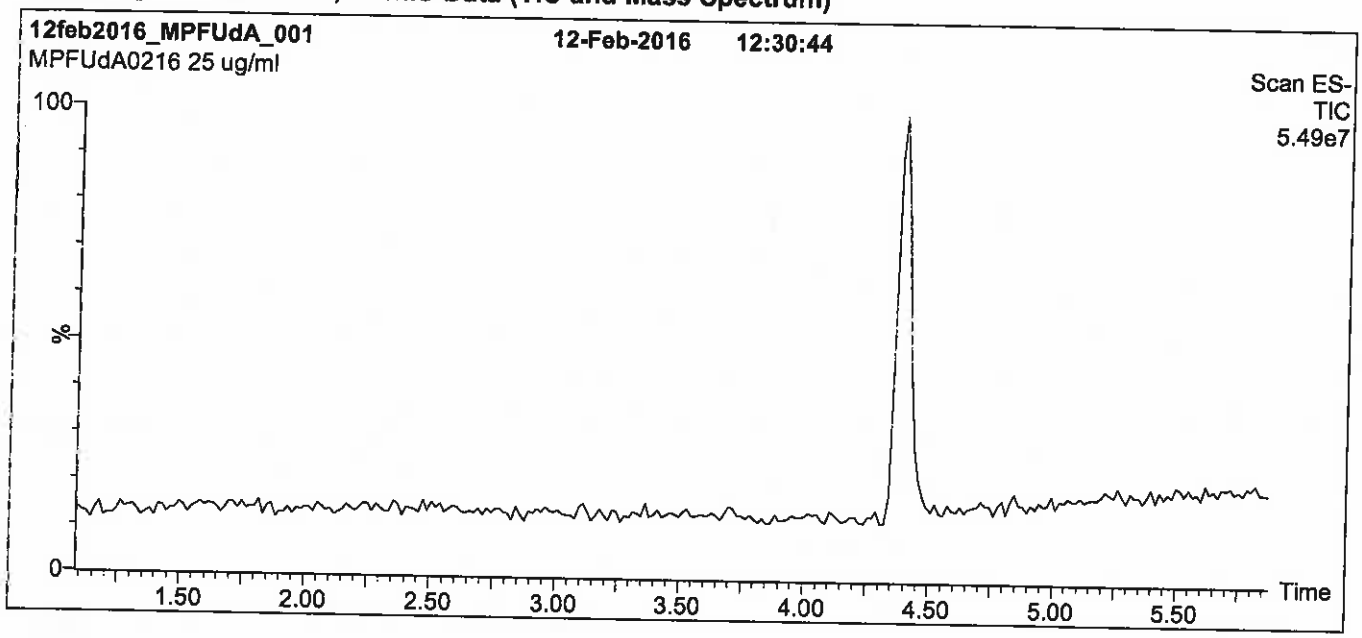
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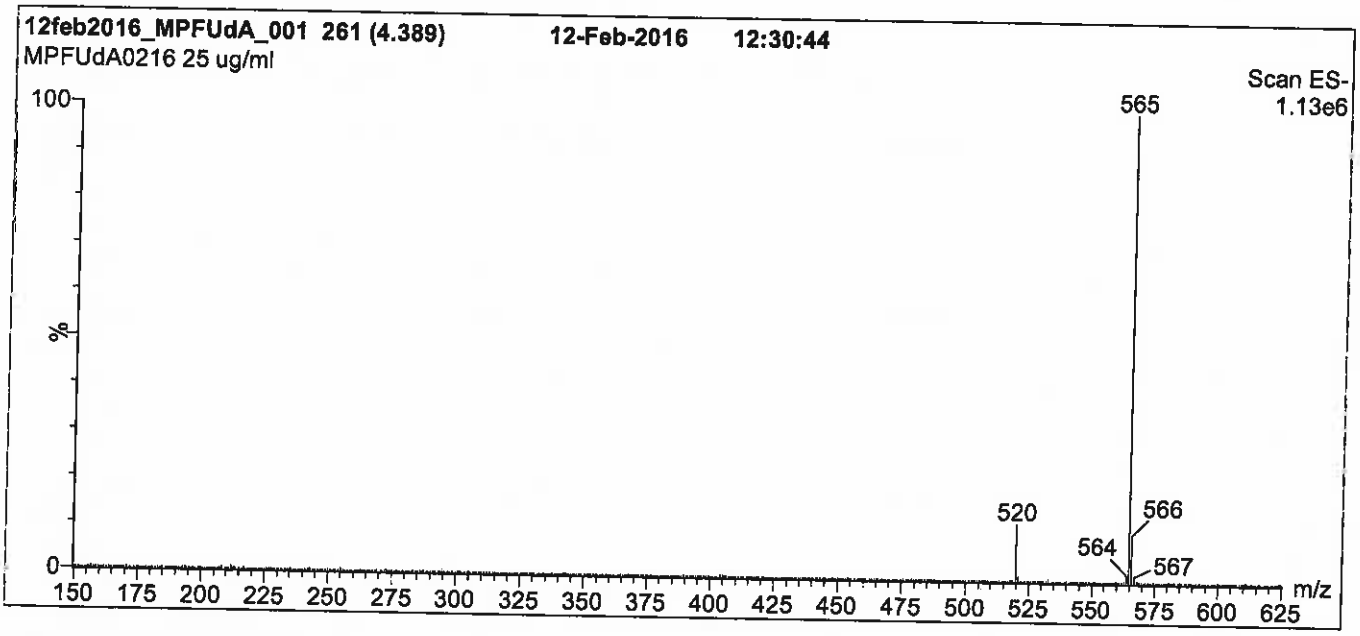
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Figure 1: **MPFUdA; LC/MS Data (TIC and Mass Spectrum)**





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

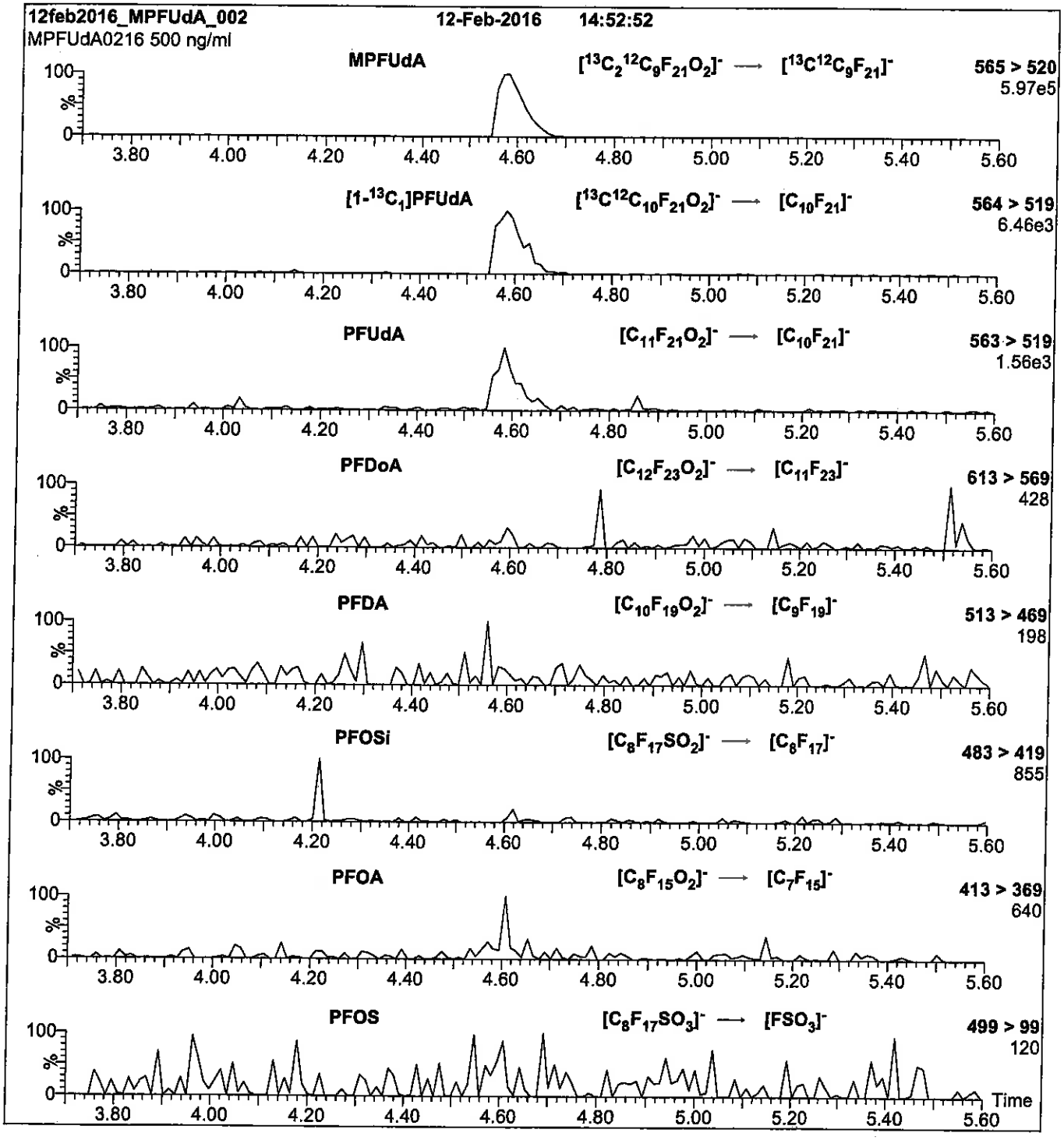
Flow: 300 µl/min

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)

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 SM

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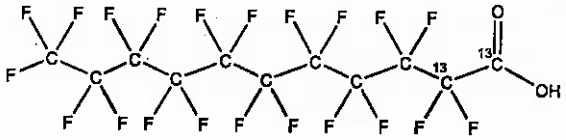
CERTIFICATE OF ANALYSIS DOCUMENTATION

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 ($1,2\text{-}^{13}C_2$)

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.

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Certified By: B.G. Chittim **Date:** 12/07/2016 (mm/dd/yyyy)

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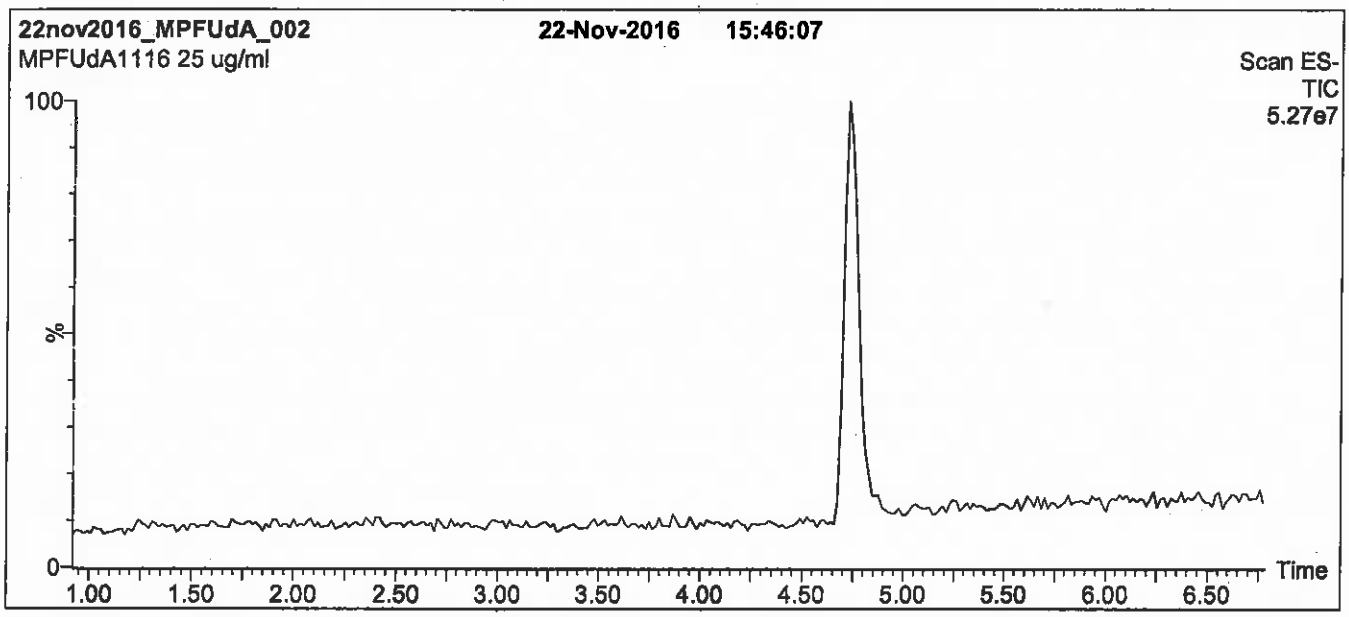
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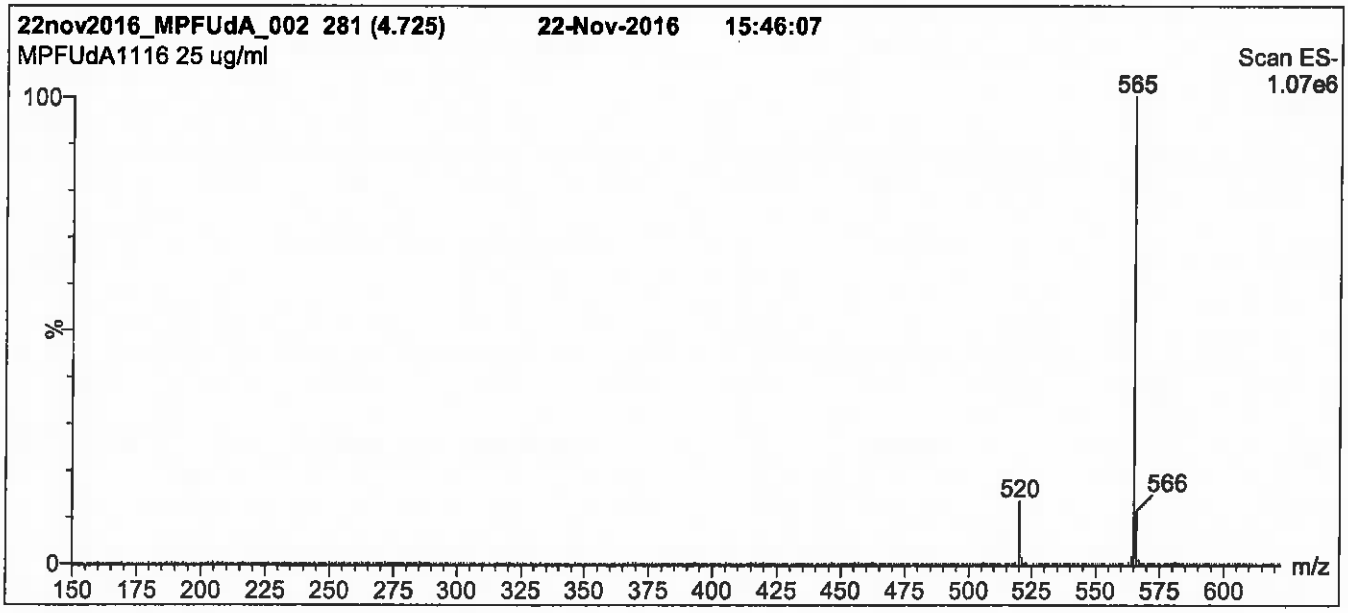
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Figure 1: **MPFUdA; LC/MS Data (TIC and Mass Spectrum)**





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

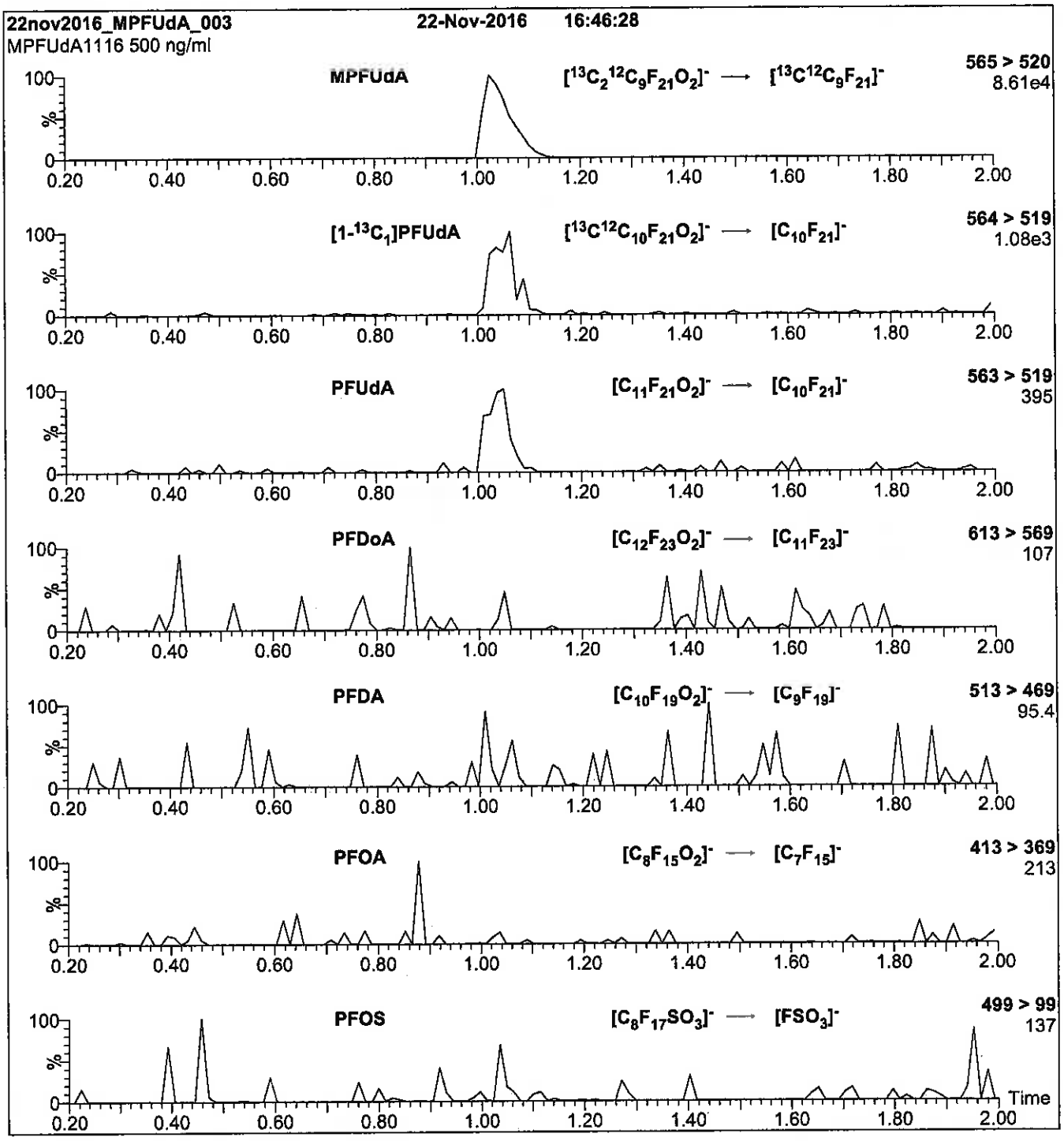
Flow: 300 µl/min

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)
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) = 11

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

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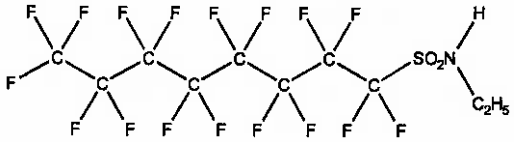
CERTIFICATE OF ANALYSIS DOCUMENTATION

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		

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ADDITIONAL INFORMATION:

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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:

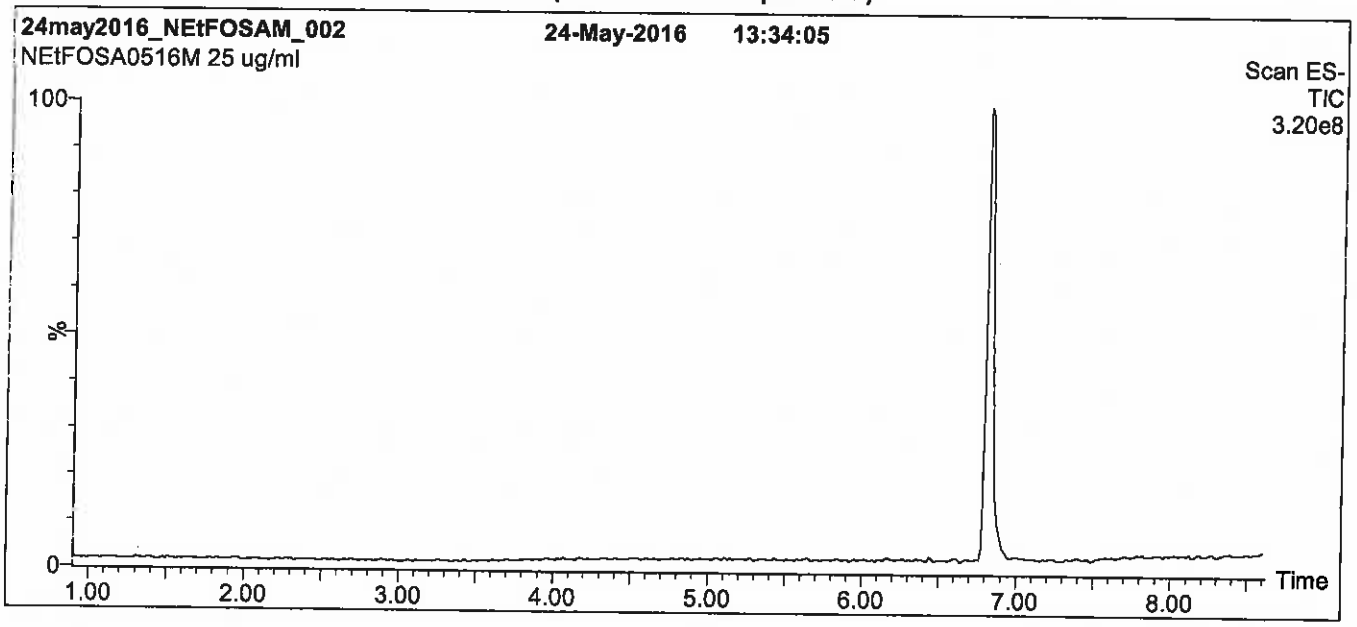
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

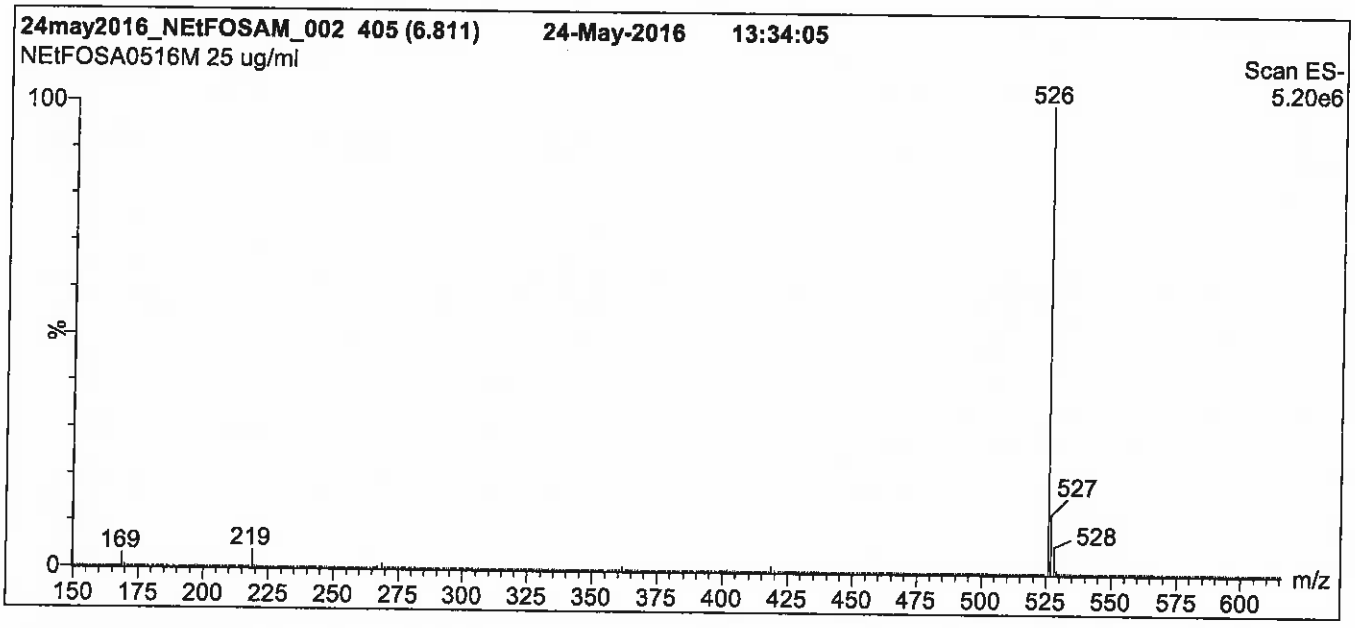
CALA Testing

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: **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

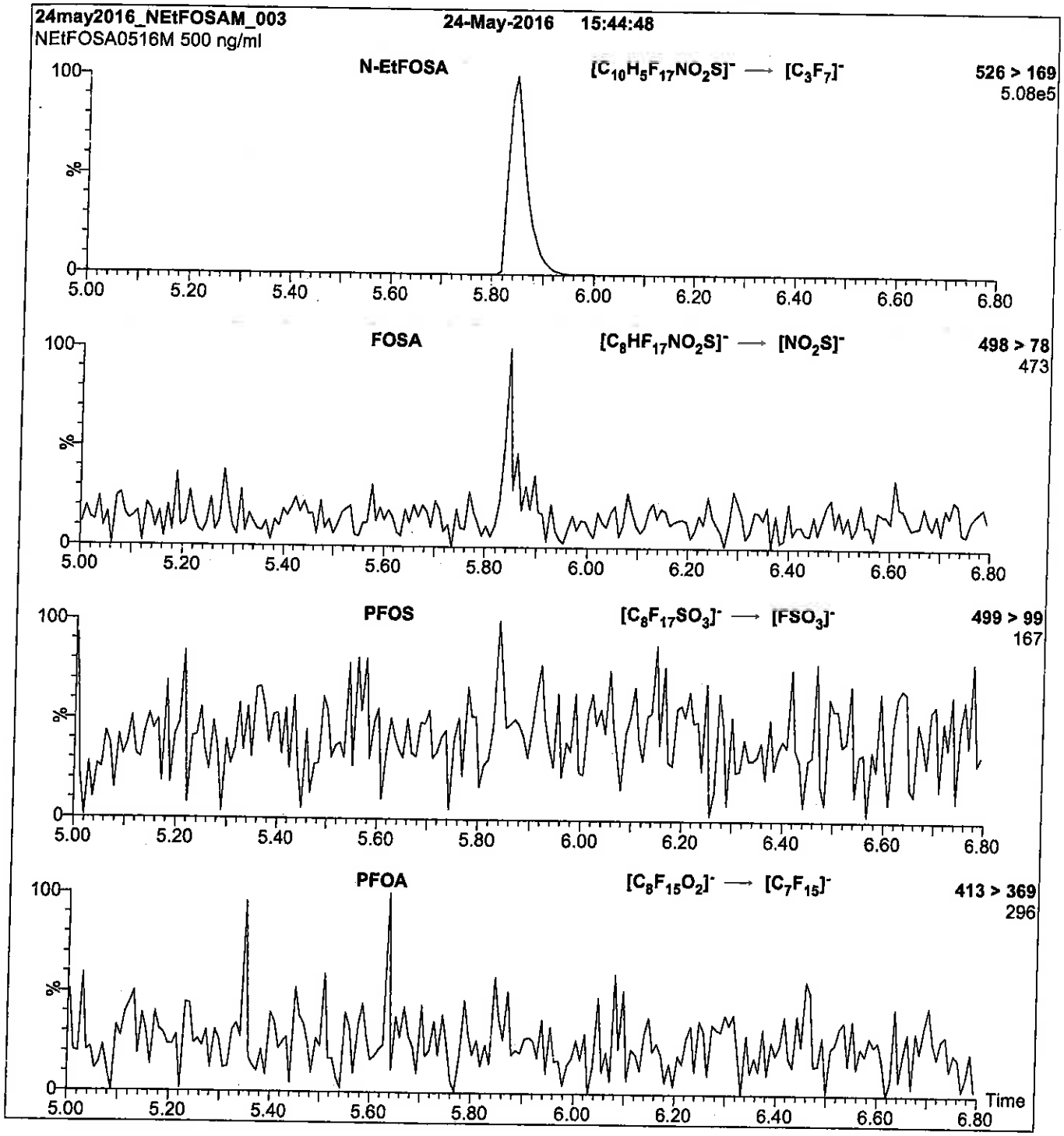
Flow: 300 µl/min

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

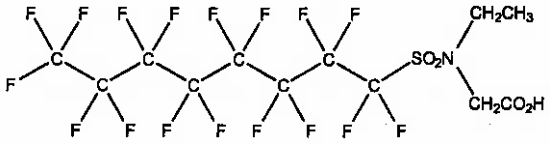
WELLINGTON LABORATORIES

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.

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

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:

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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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LIMITED WARRANTY:

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QUALITY MANAGEMENT:

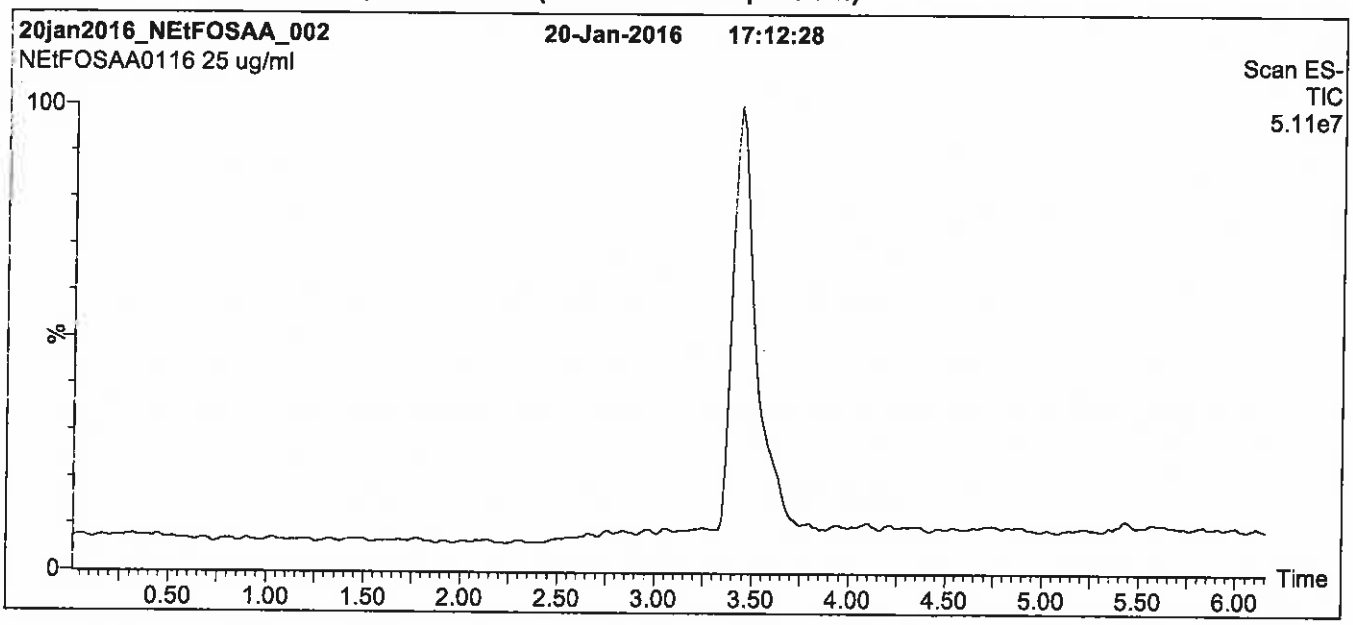
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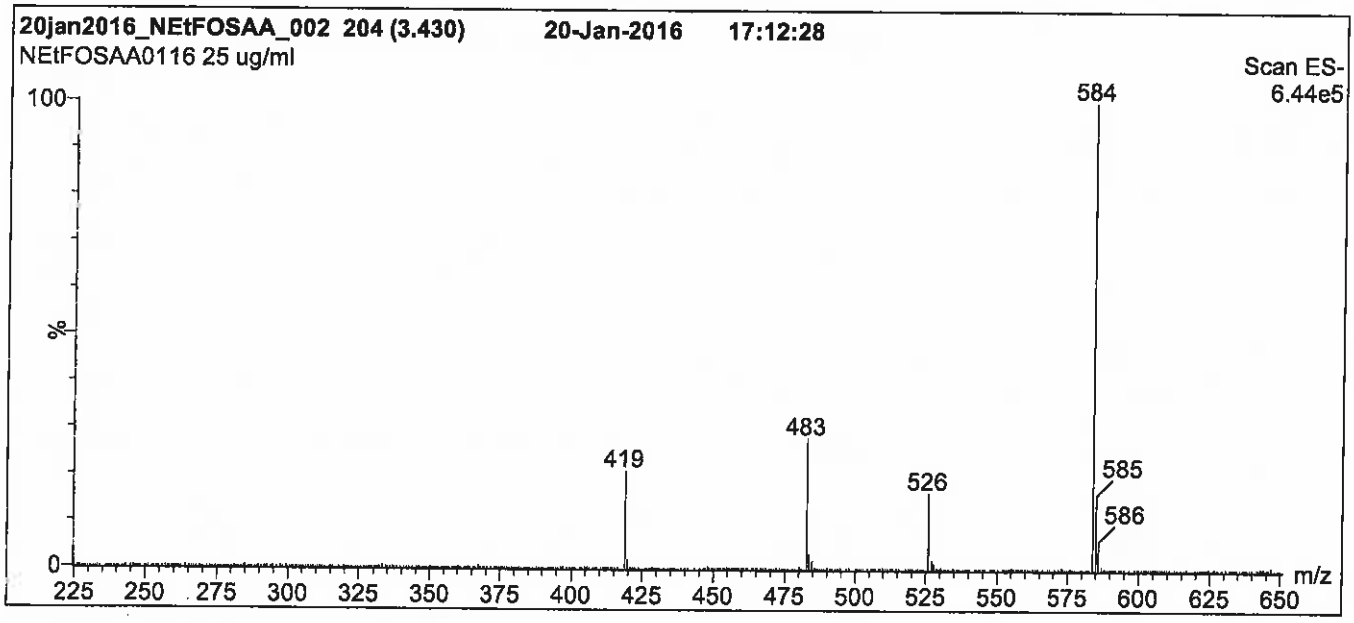
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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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

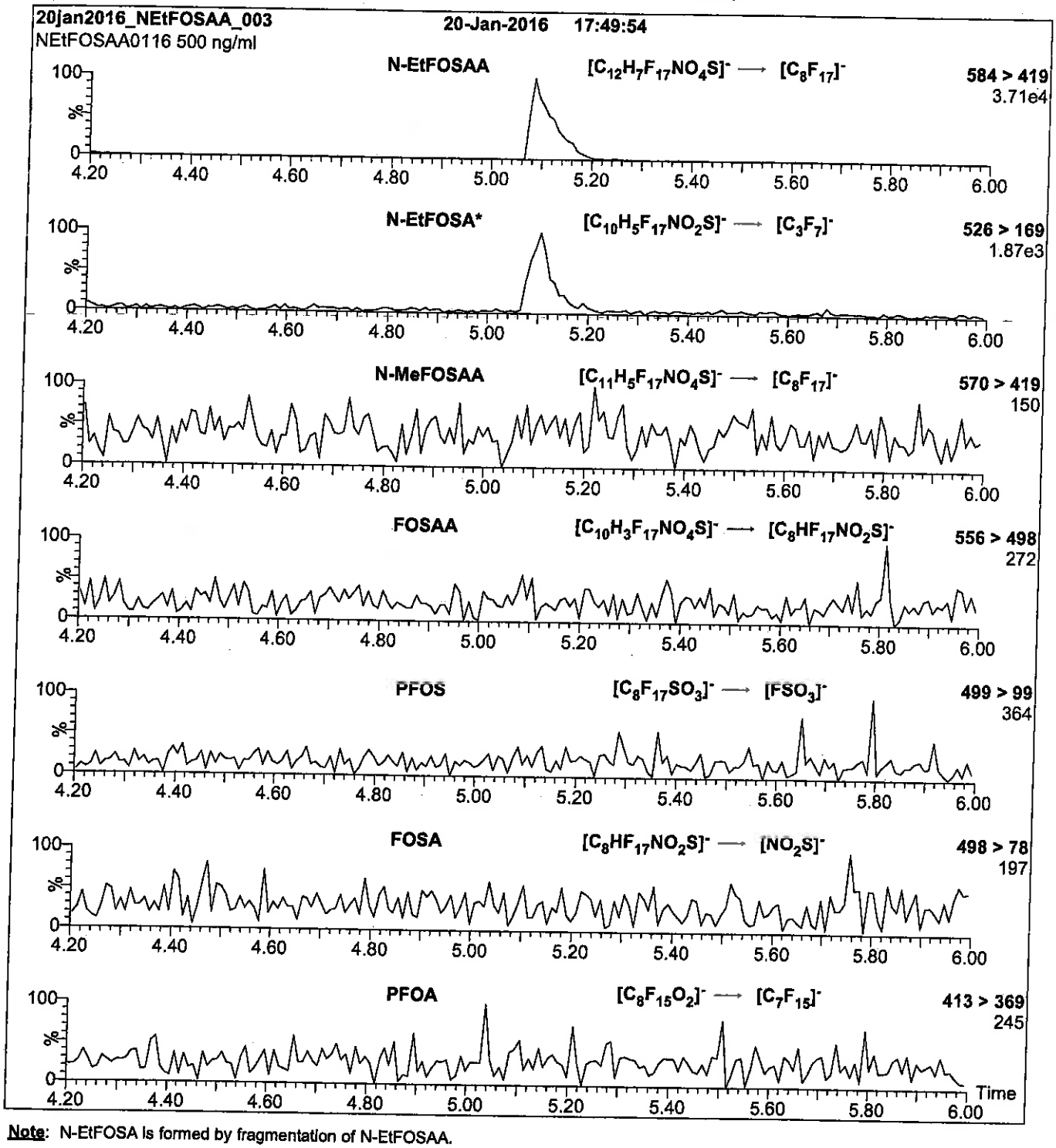
Flow: 300 µl/min

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

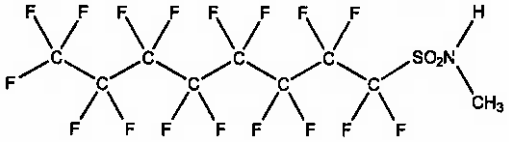
R: 8/23/16 SBC

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	**LOT NUMBER:**	NMeFOSA0516M
COMPOUND:	N-methylperfluoro-1-octanesulfonamide		
STRUCTURE:		**CAS #:**	31506-32-8



MOLECULAR FORMULA:	$C_9H_4F_{17}NO_2S$	**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:

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HAZARDS:

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HOMOGENEITY:

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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:

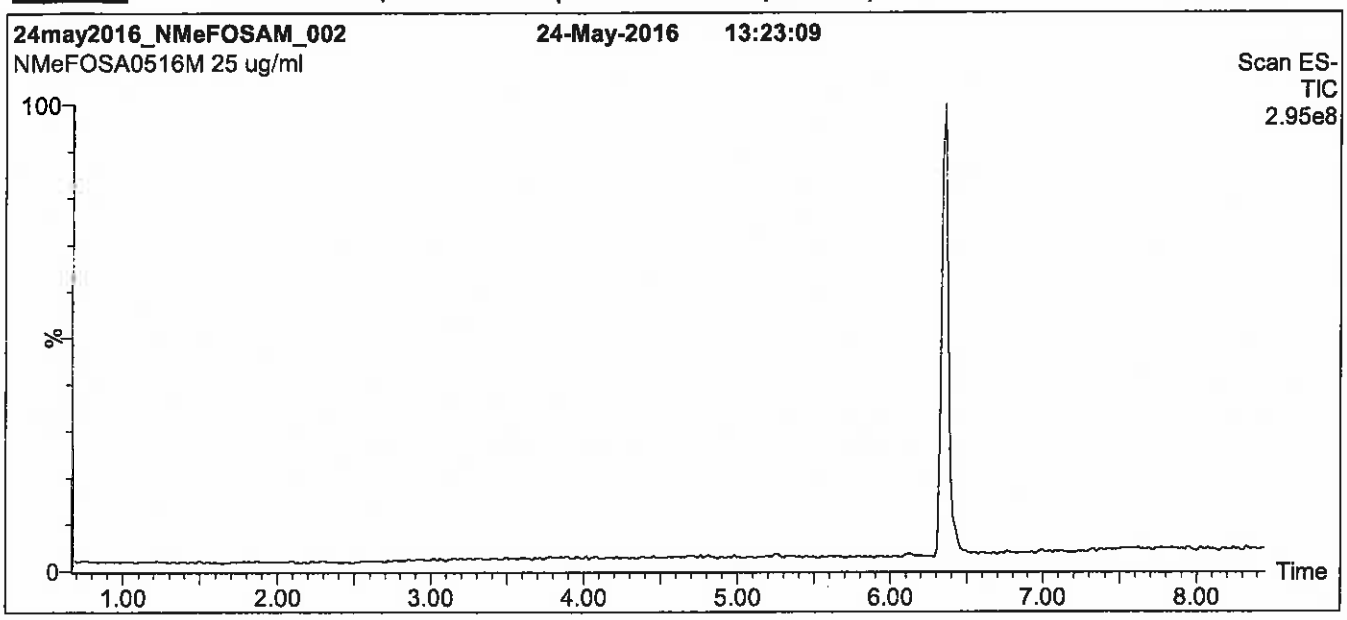
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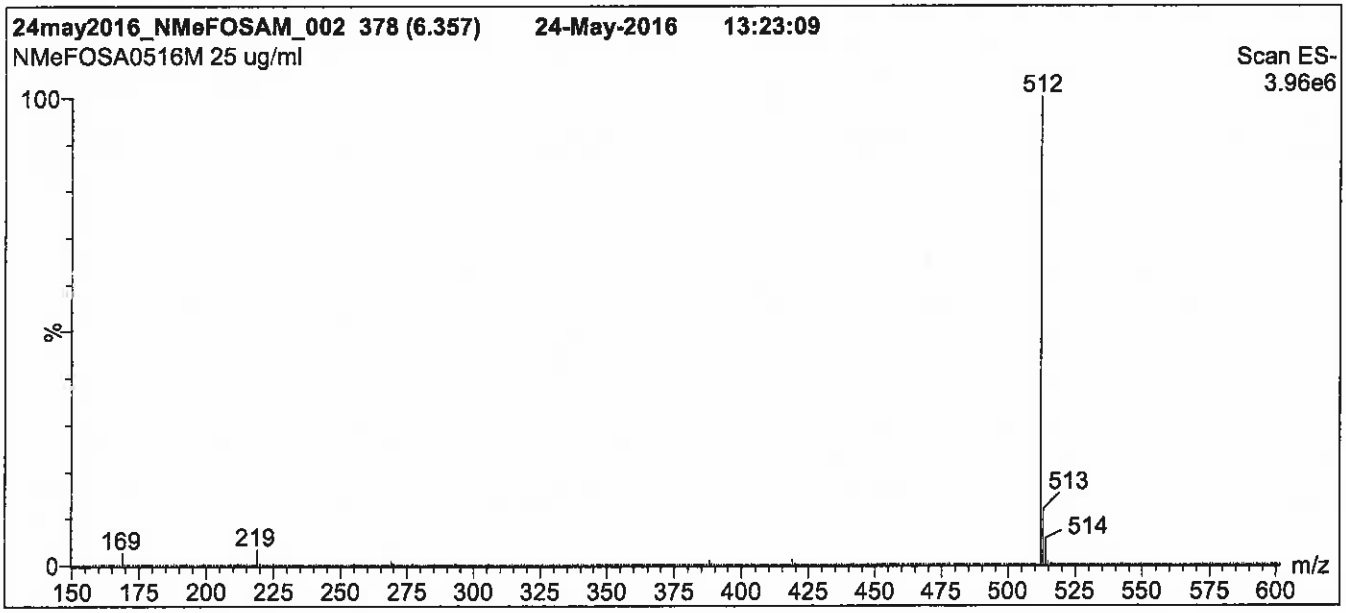
CALA

ANAB ACCREDITED

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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

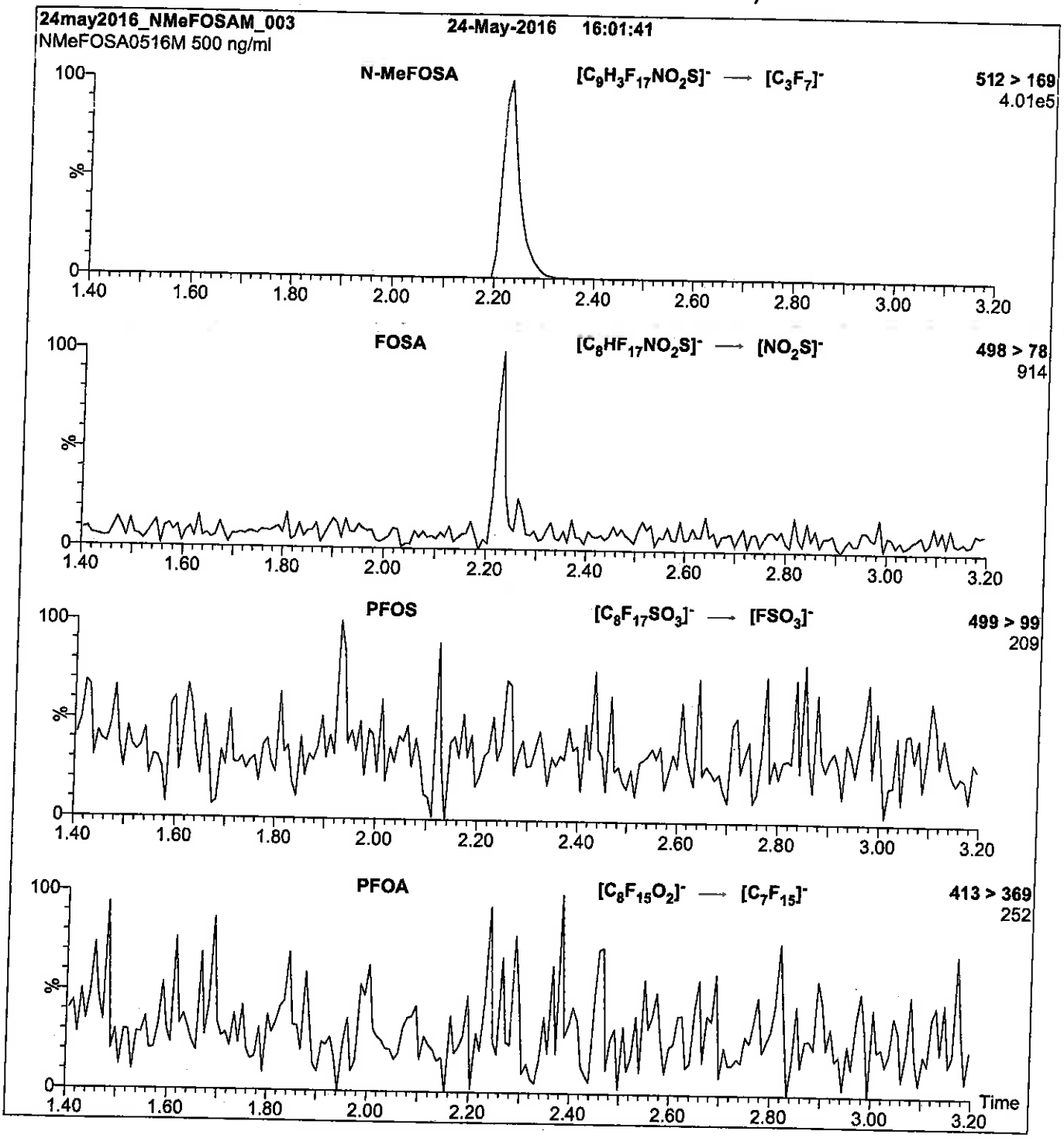
Flow: 300 µl/min

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)
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-MeFOSAA_00003

R: 8/23/16 SBC

715562
ID: LCN-MeFOSAA_00003
Exp: 01/20/21 Prpd: SBC
N-MeFOSAA

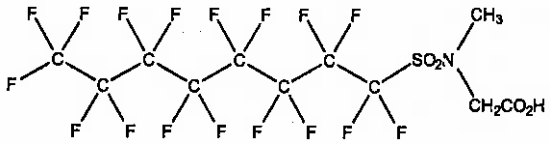
WELLINGTON LABORATORIES

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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LIMITED WARRANTY:

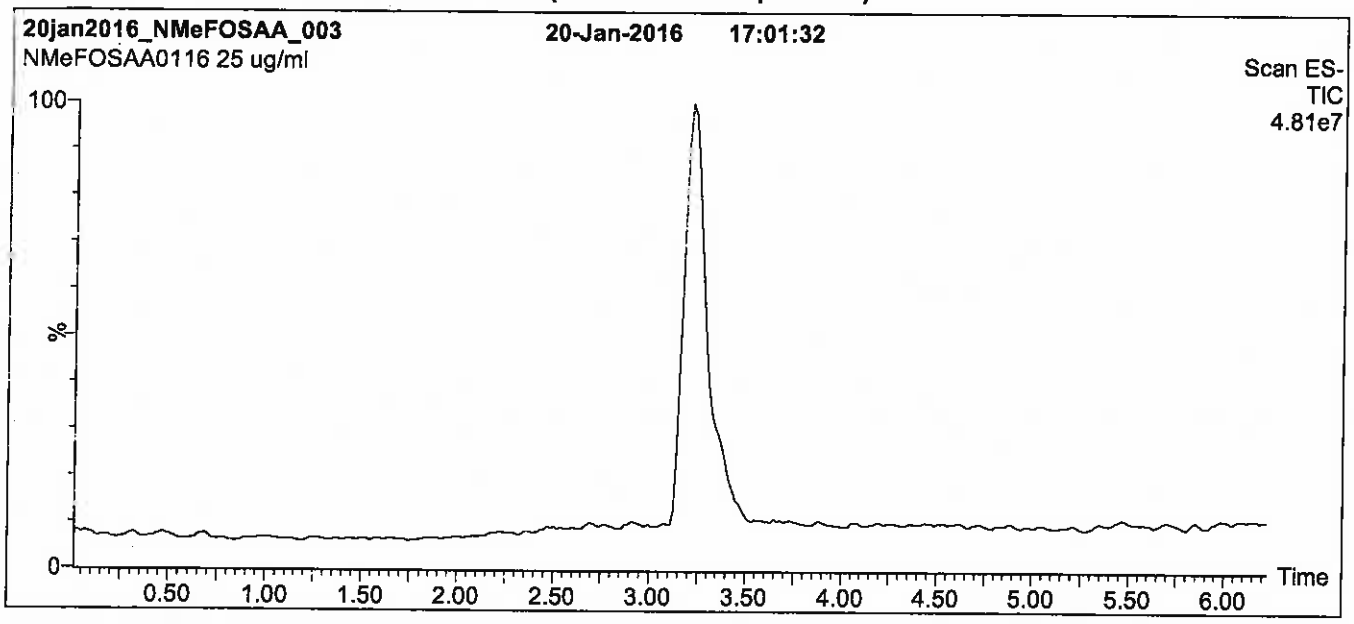
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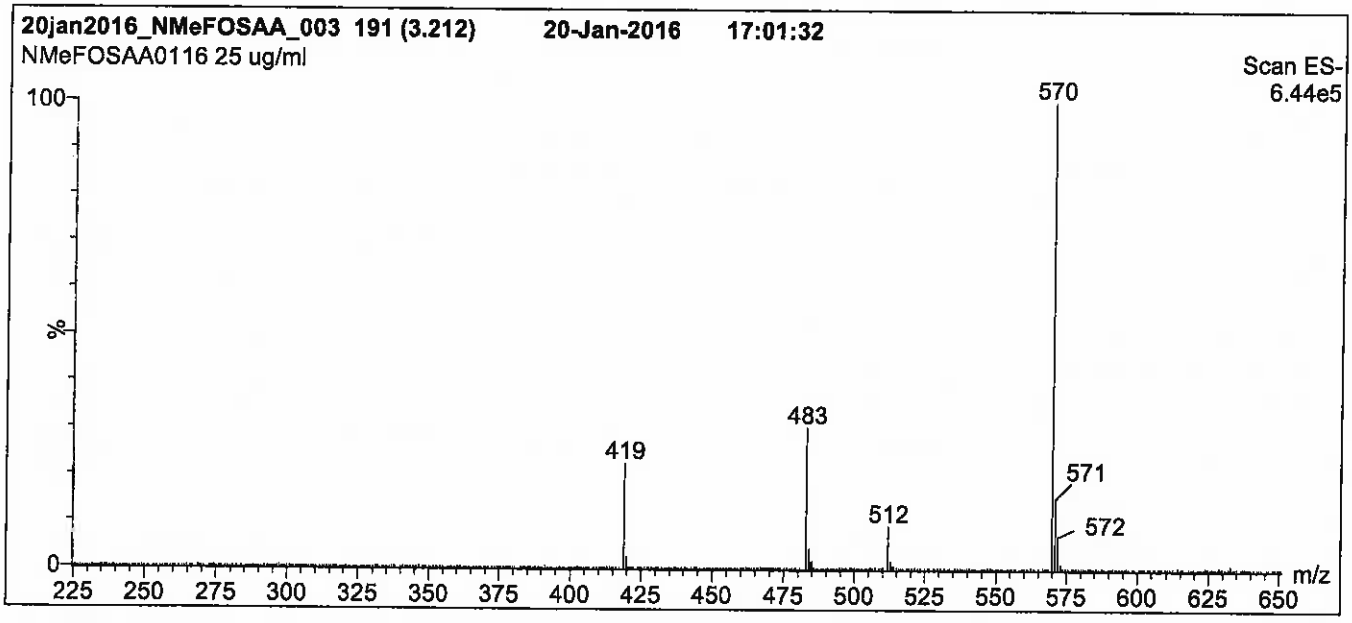
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MS: **Micromass Quattro *micro* API MS**

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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

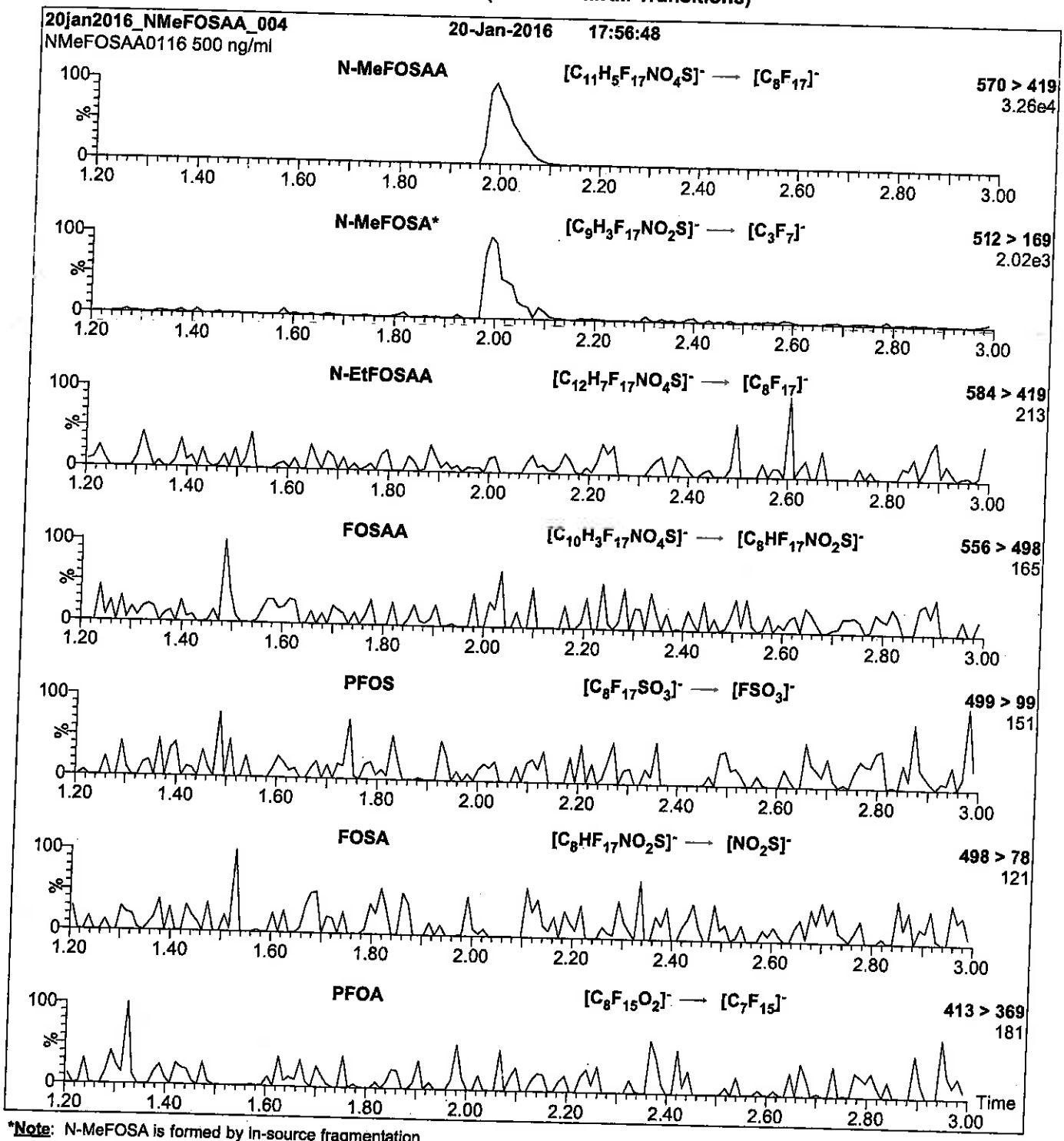
Flow: 300 µl/min

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

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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

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 compounds 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,...x_n on which it depends is:

$$u_c(y(x_1, x_2, ...x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

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

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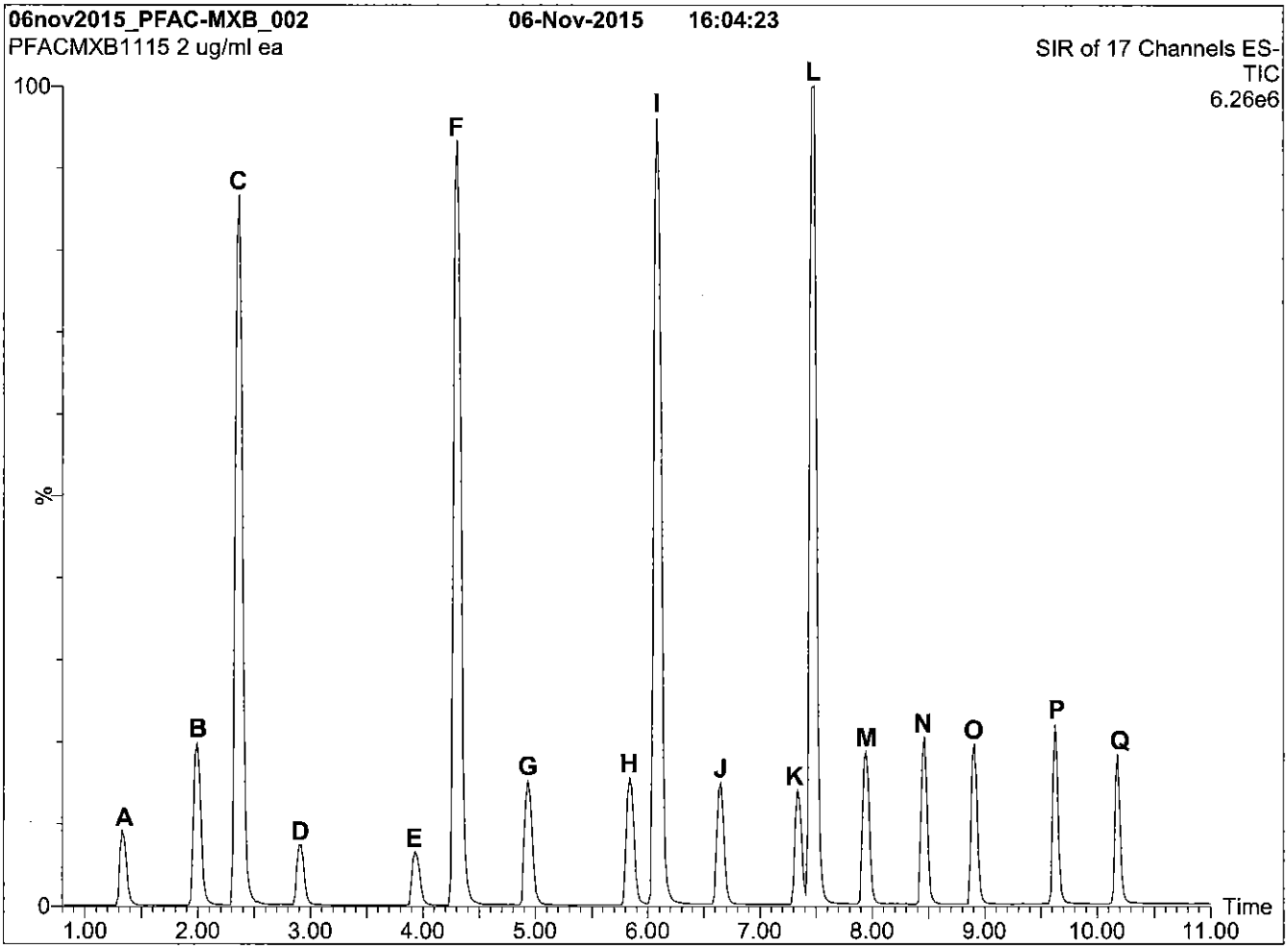
Table A: **PFAC-MXB; Components and Concentrations (ng/ml, ± 5% in Methanol / Water (<1%))**

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)**

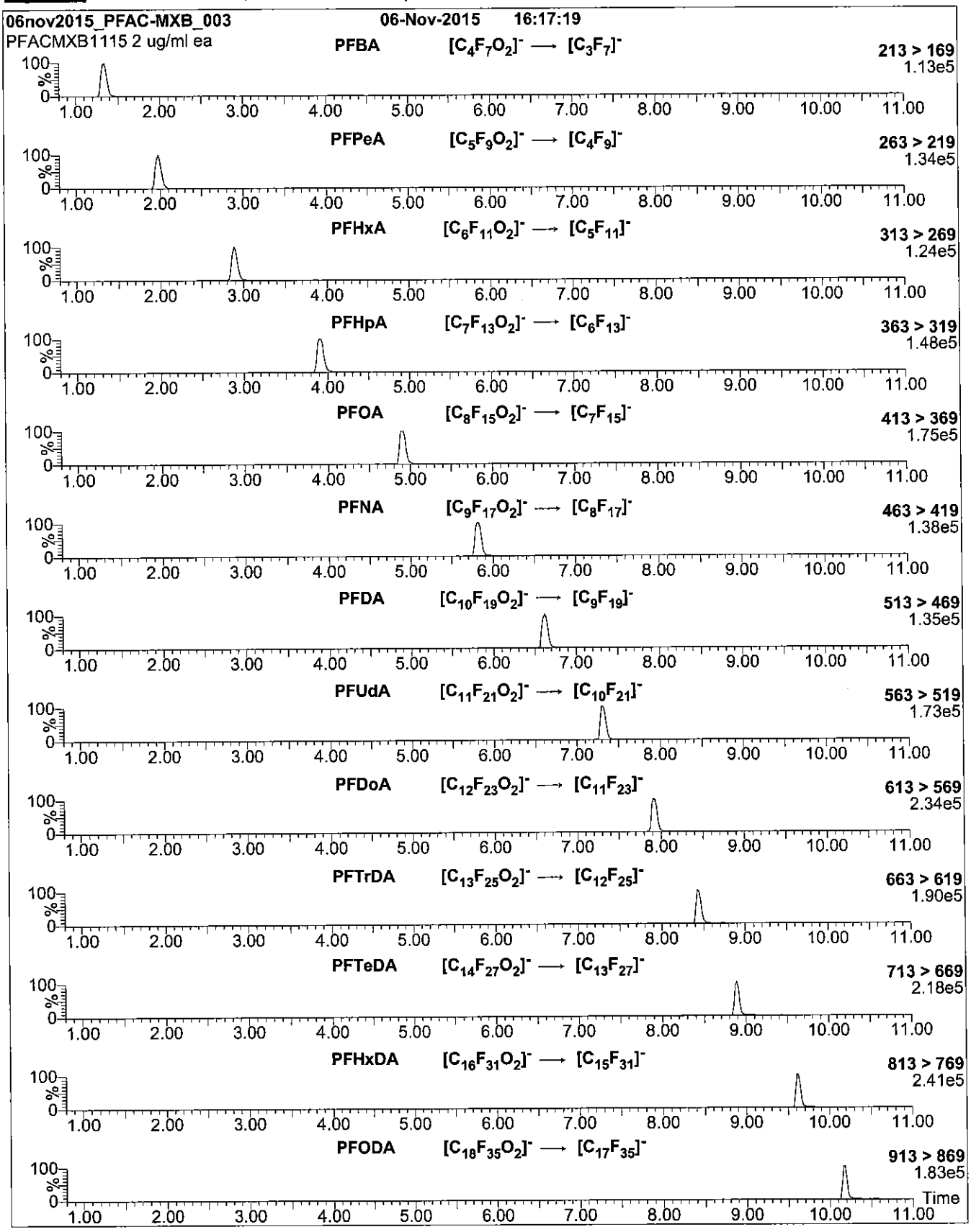
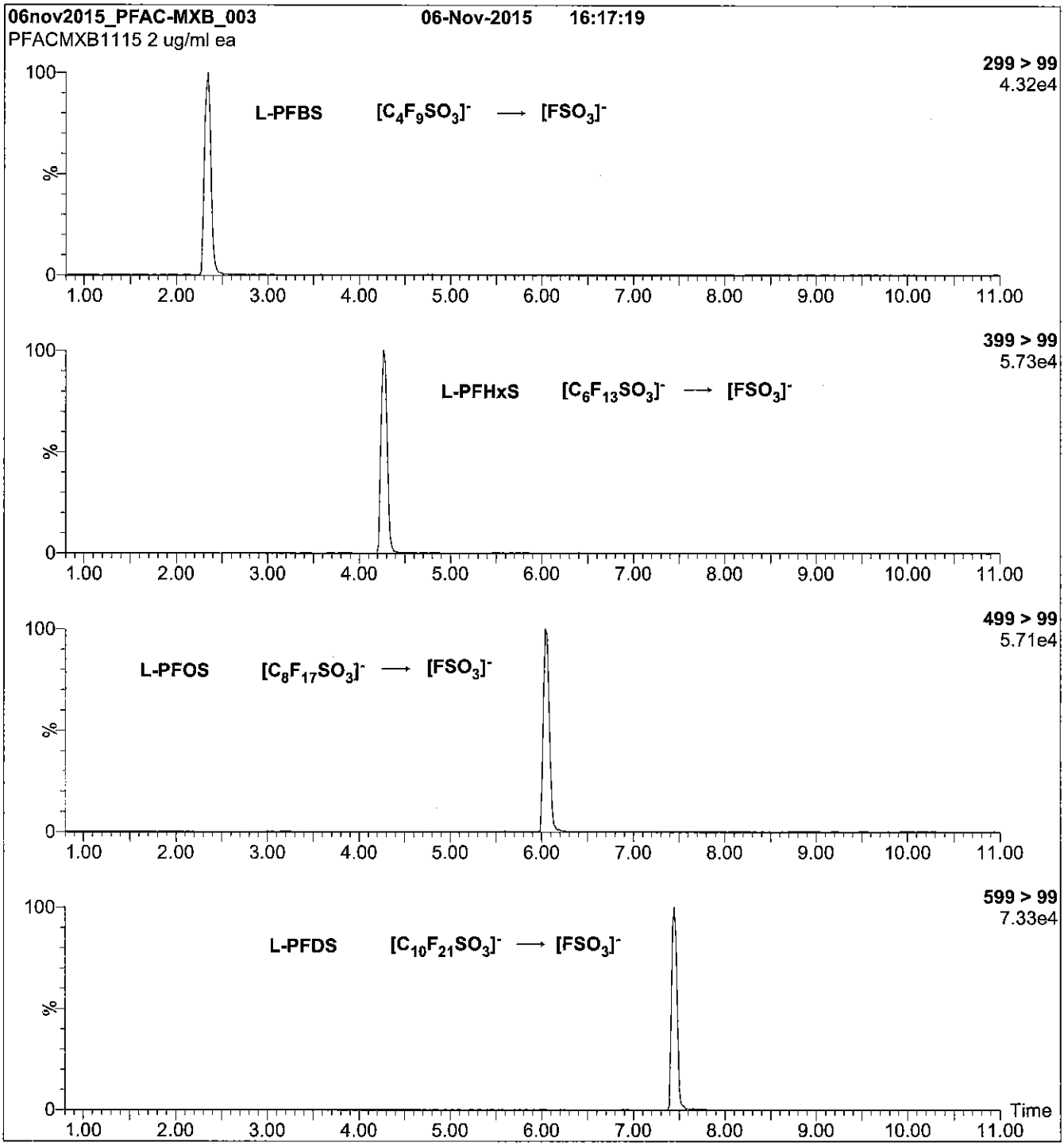


Figure 3: **PFAC-MXB; LC/MS/MS Data (Selected MRM Transitions)**



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

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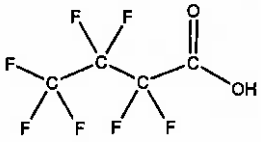
CERTIFICATE OF ANALYSIS DOCUMENTATION

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)

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INTENDED USE:

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HAZARDS:

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SYNTHESIS / CHARACTERIZATION:

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HOMOGENEITY:

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UNCERTAINTY:

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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:

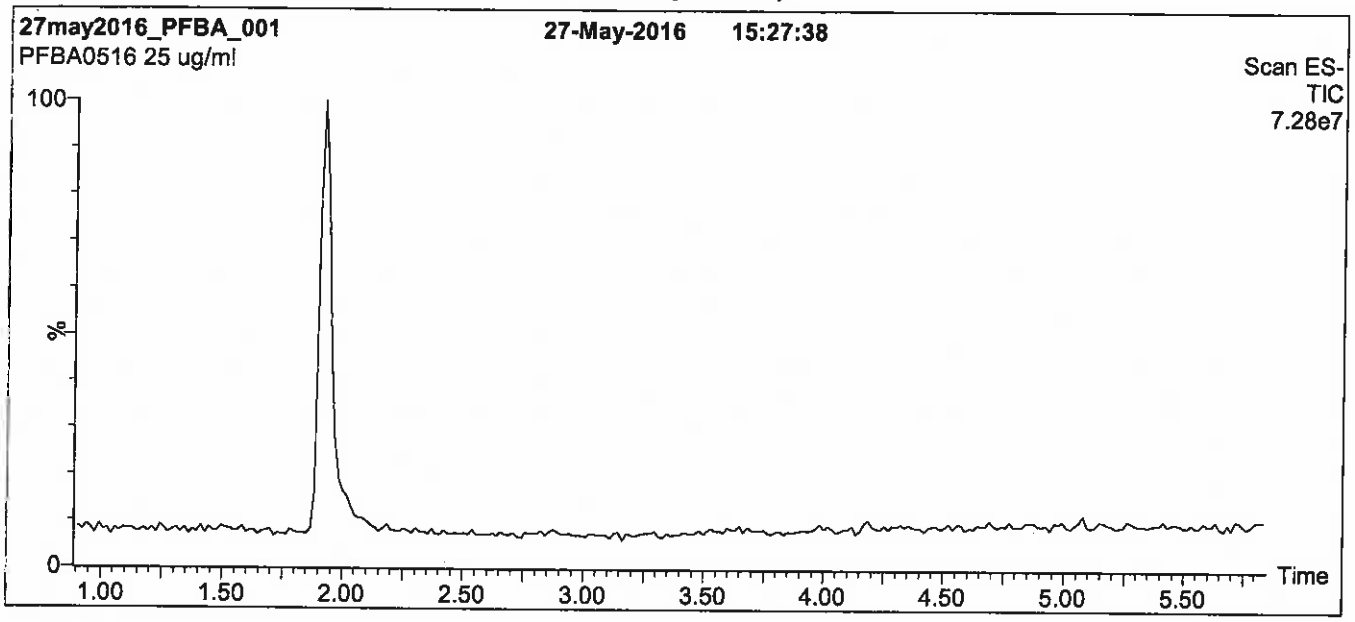
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

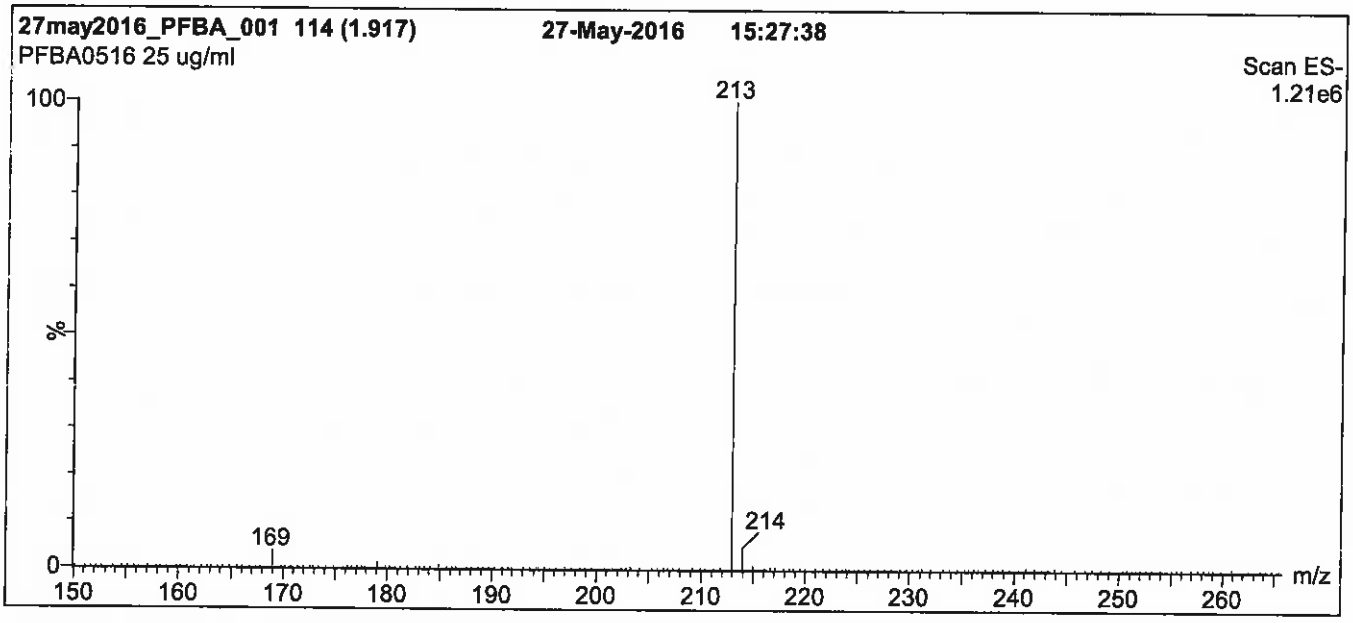
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Figure 1: **PFBA; LC/MS Data (TIC and Mass Spectrum)**





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

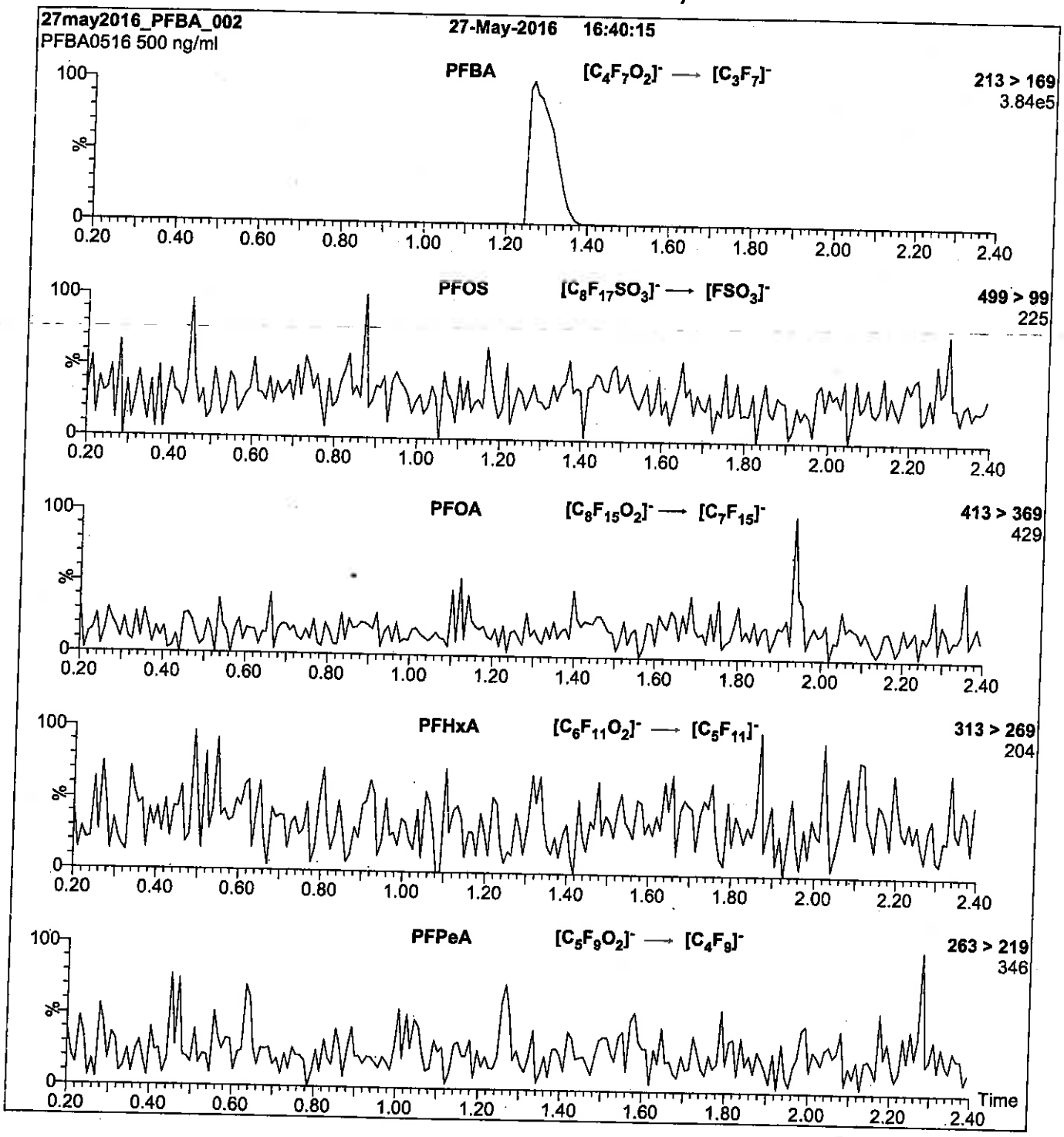
Flow: 300 µl/min

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: **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

LCPFBA_00006

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

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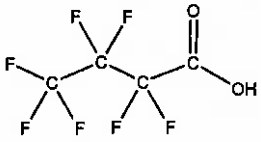
CERTIFICATE OF ANALYSIS DOCUMENTATION

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)

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HOMOGENEITY:

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EXPIRY DATE / PERIOD OF VALIDITY:

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LIMITED WARRANTY:

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QUALITY MANAGEMENT:

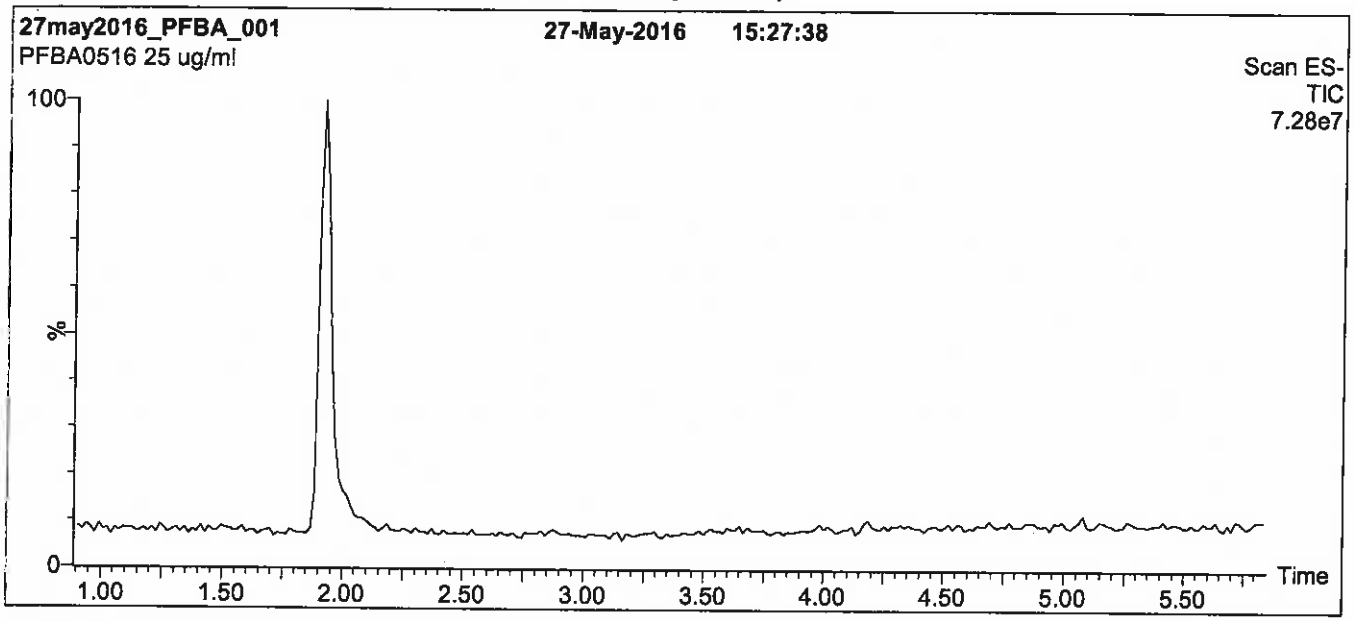
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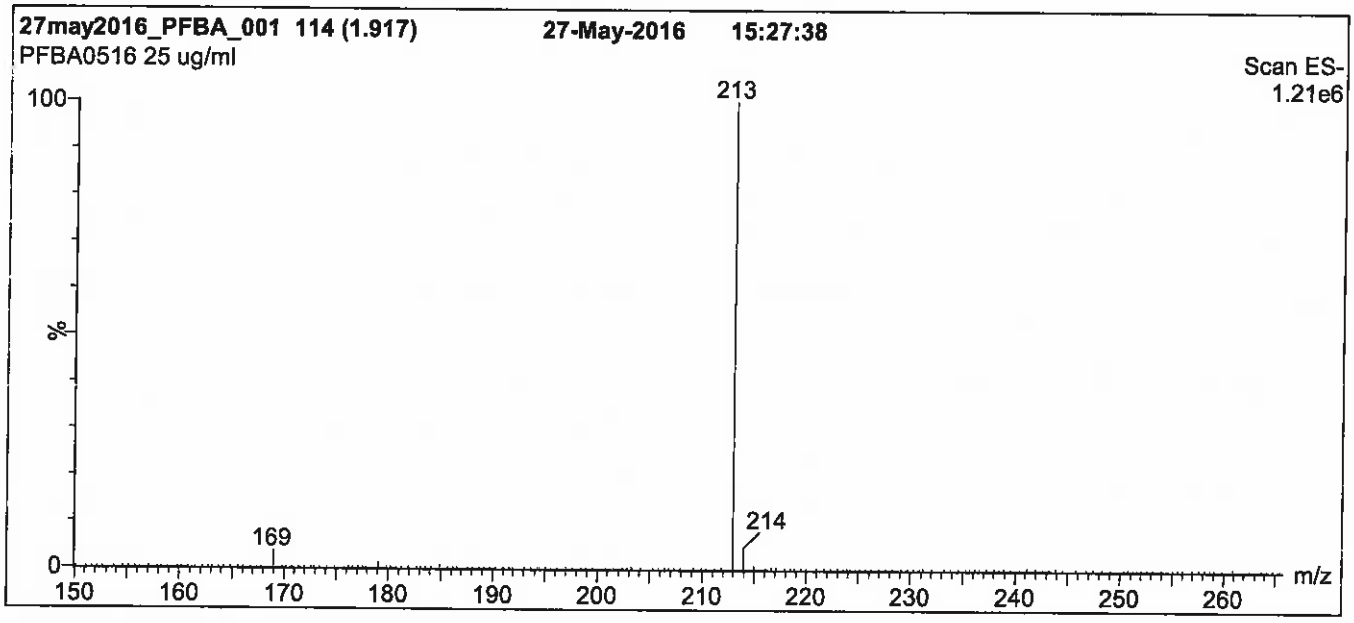
CALA

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Figure 1: **PFBA; 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

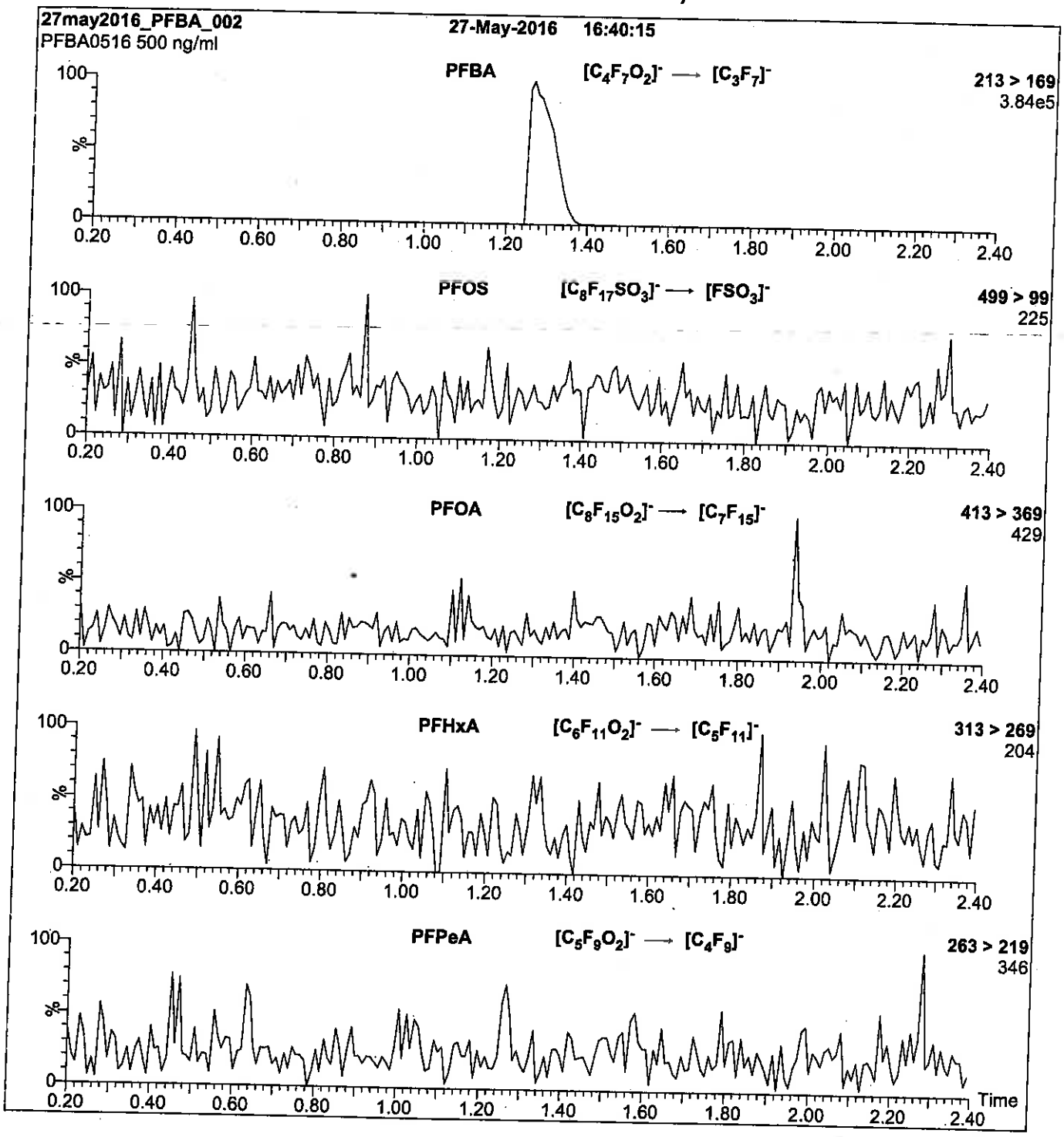
Flow: 300 µl/min

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: **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

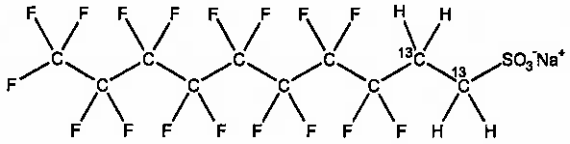
WELLINGTON LABORATORIES

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)	**SOLVENT(S):**	Methanol
	47.9 ± 2.4 µg/ml (M2-8:2FTS anion)		
CHEMICAL PURITY:	>98%	**ISOTOPIC PURITY:**	≥99% ^{13}C
LAST TESTED: (mm/dd/yyyy)	01/08/2016		(1,2-$^{13}C_2$)
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

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.

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:

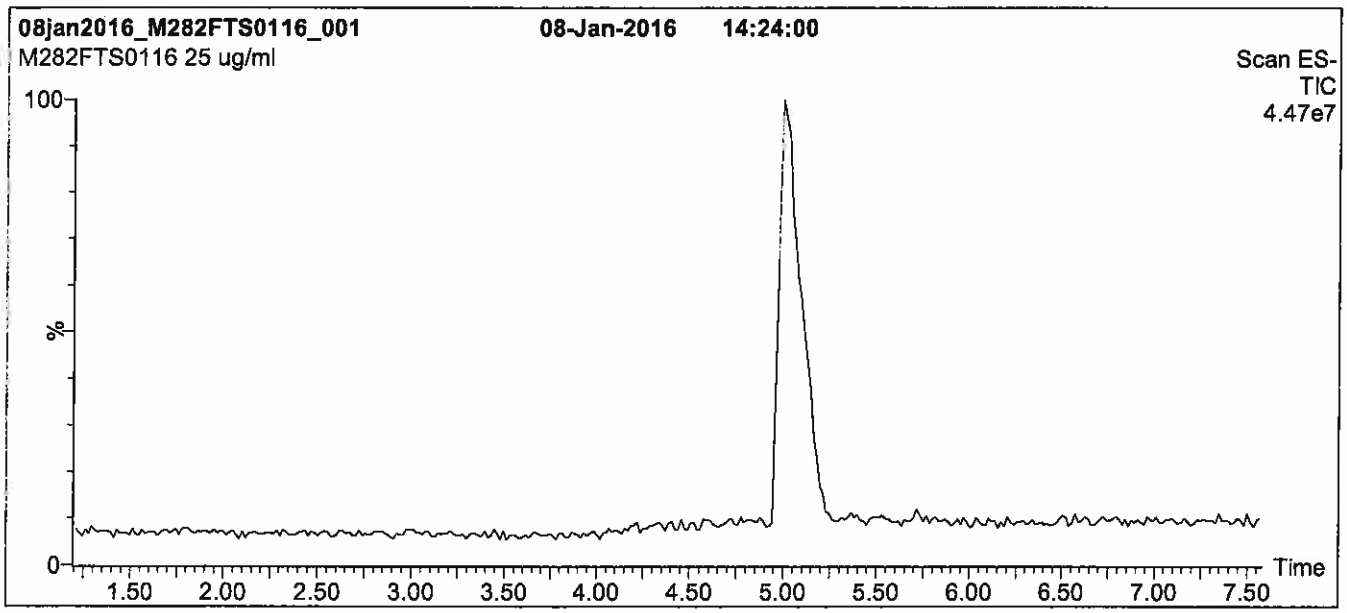
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

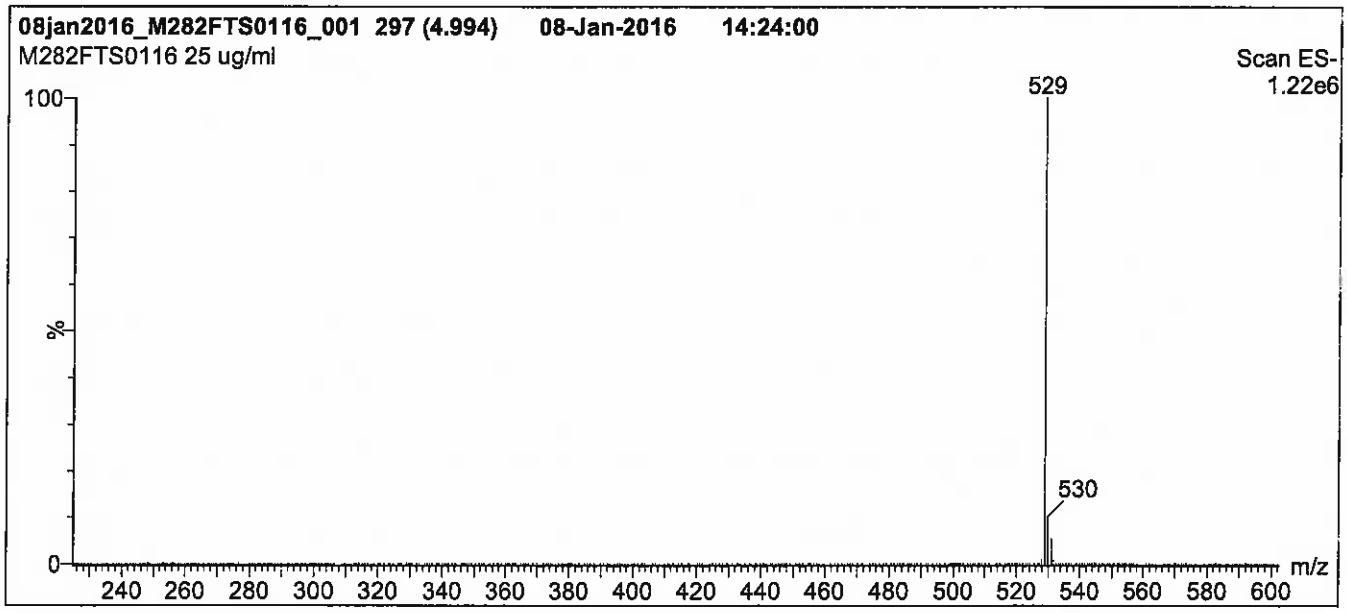
CALA

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: **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

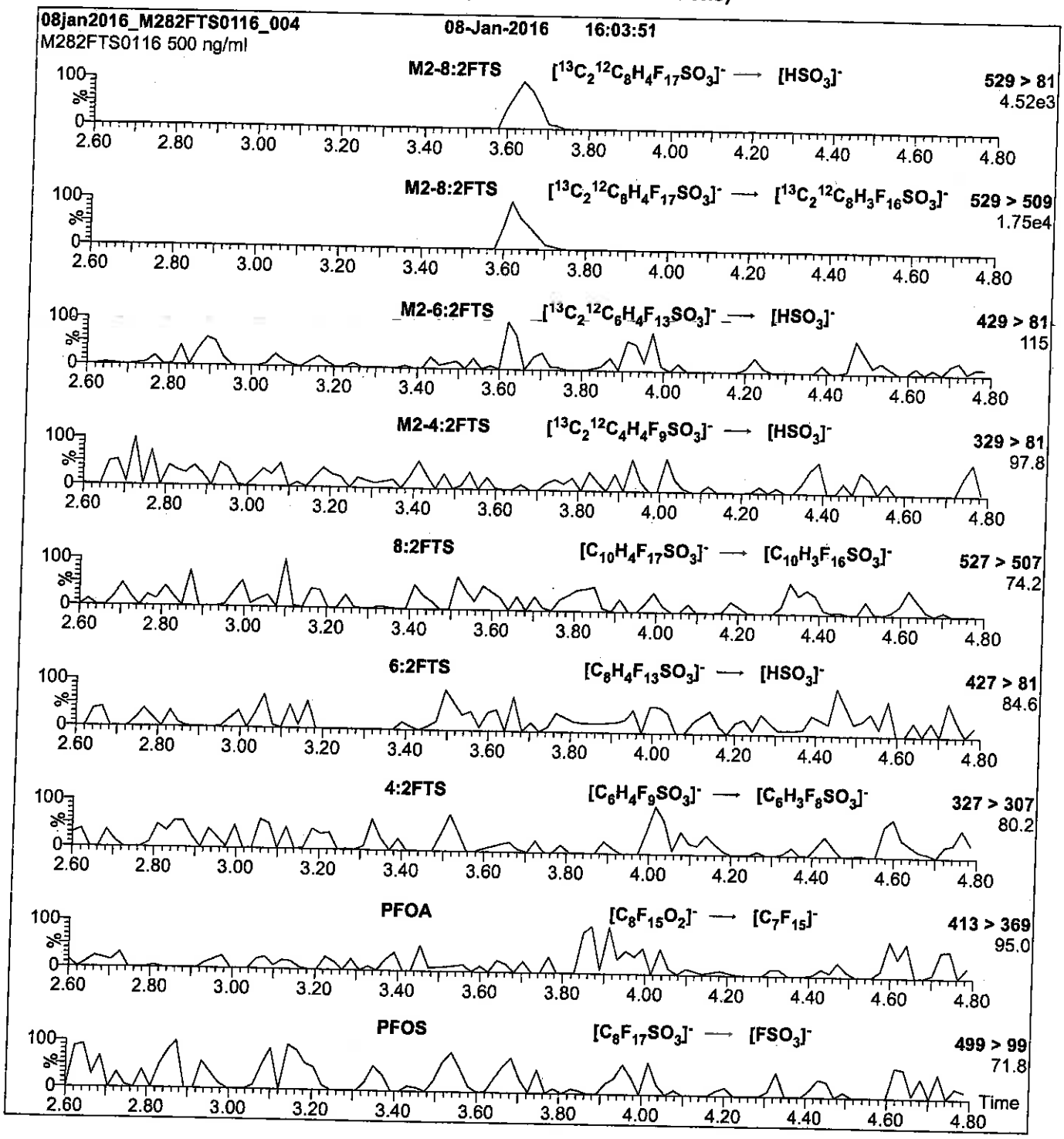
Flow: 300 µl/min

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

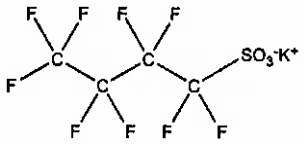
730511
ID: LCPFBS_00005
Exp: 03/15/21 Prpd: SBC
PF-1-butanesulfonate K sa

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	**LOT NUMBER:**	LPFBS0316
COMPOUND:	Potassium perfluoro-1-butanesulfonate		
STRUCTURE:		**CAS #:**	29420-49-3



MOLECULAR FORMULA:	$C_4F_9SO_3K$	**MOLECULAR WEIGHT:**	338.19
CONCENTRATION:	50.0 ± 2.5 µg/ml (K salt) 44.2 ± 2.2 µg/ml (PFBS anion)	**SOLVENT(S):**	Methanol
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		

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)

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 $x_1, x_2,...x_n$ on which it depends is:

$$u_c(y(x_1, x_2,...x_n)) = \sqrt{\sum_{i=1}^{n} u(y, x_i)^2}$$

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:

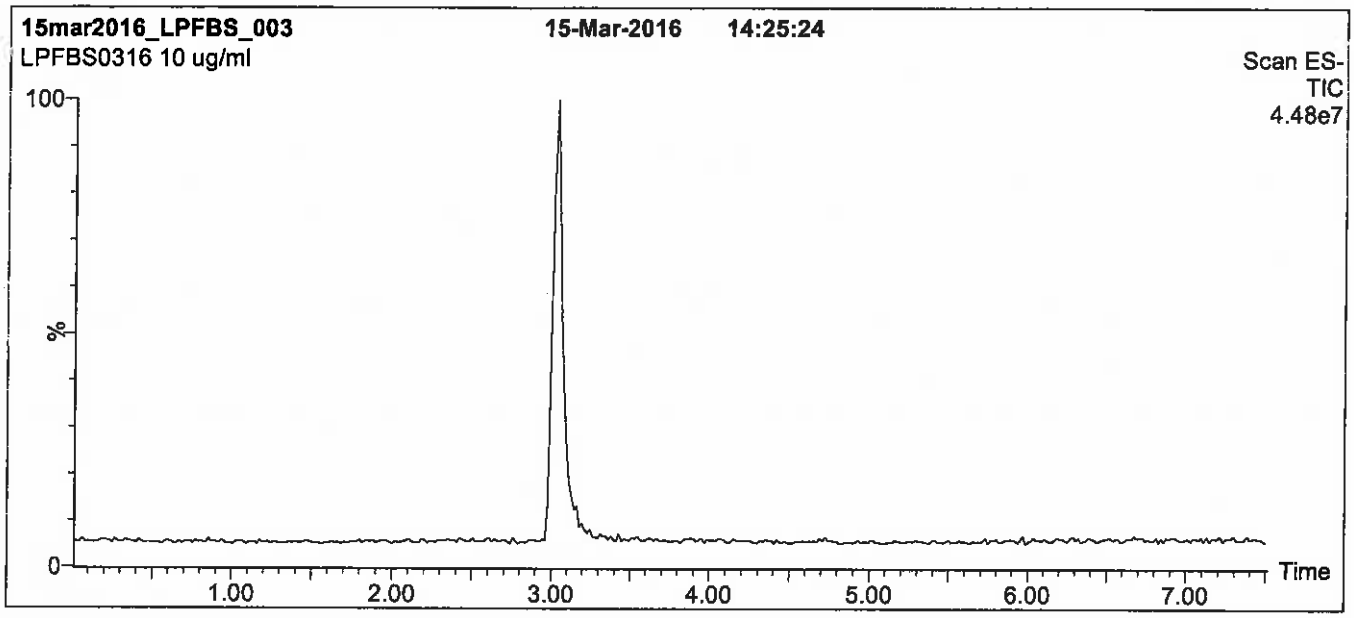
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

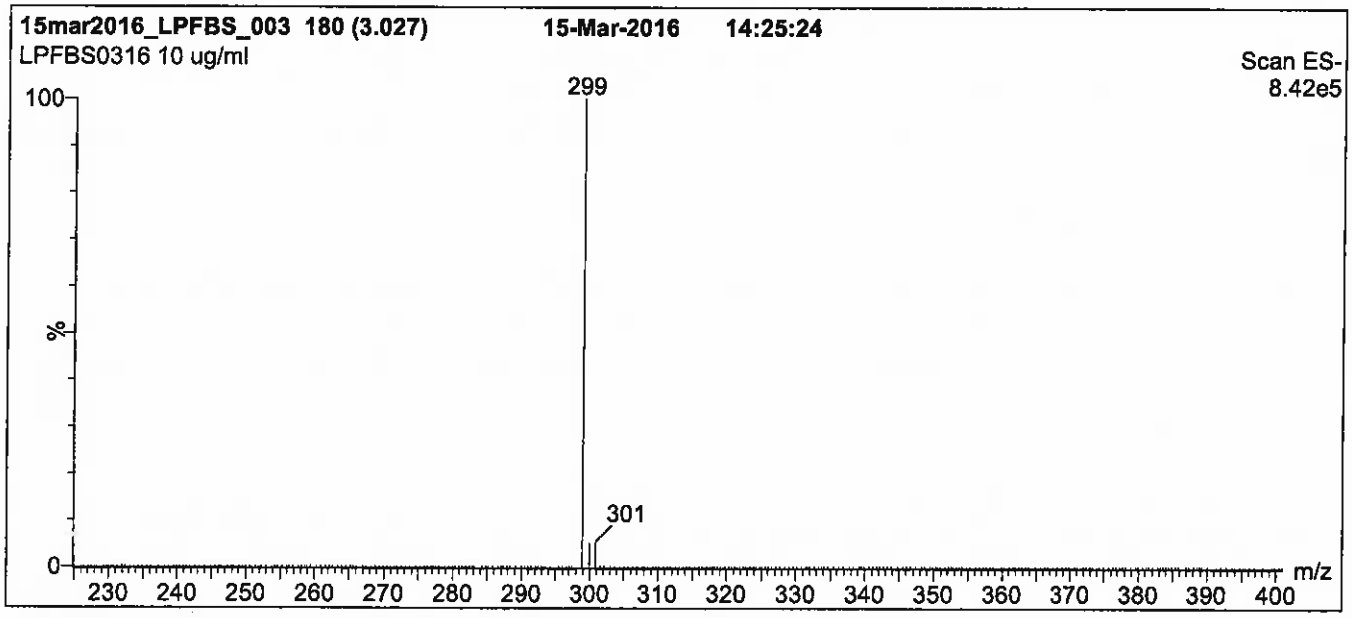
CALA Testing Accreditation No. A1226

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Figure 1: **L-PFBS; 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

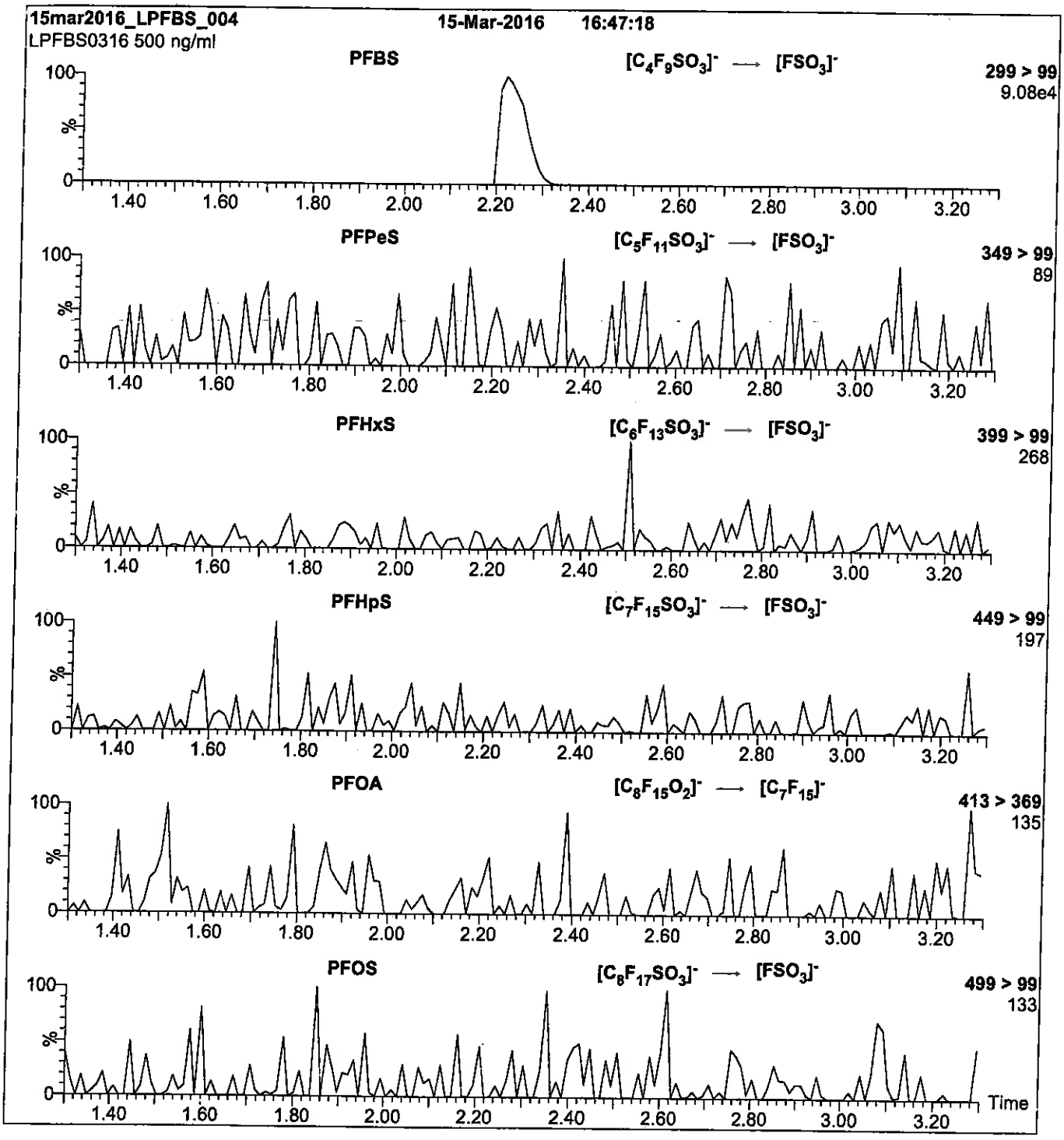
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 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

LCPFBS_00006

R: SBC 9/13/16

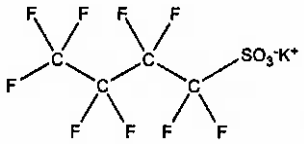
730511
ID: LCPFBS_00005
Exp: 03/15/21 Prpd: SBC
PF-1-butanesulfonate K sa

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	**LOT NUMBER:**	LPFBS0316
COMPOUND:	Potassium perfluoro-1-butanesulfonate		
STRUCTURE:		**CAS #:**	29420-49-3



MOLECULAR FORMULA:	$C_4F_9SO_3K$	**MOLECULAR WEIGHT:**	338.19
CONCENTRATION:	50.0 ± 2.5 µg/ml (K salt) 44.2 ± 2.2 µg/ml (PFBS anion)	**SOLVENT(S):**	Methanol
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		

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.

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Certified By: B.G. Chittim **Date:** 03/21/2016 (mm/dd/yyyy)

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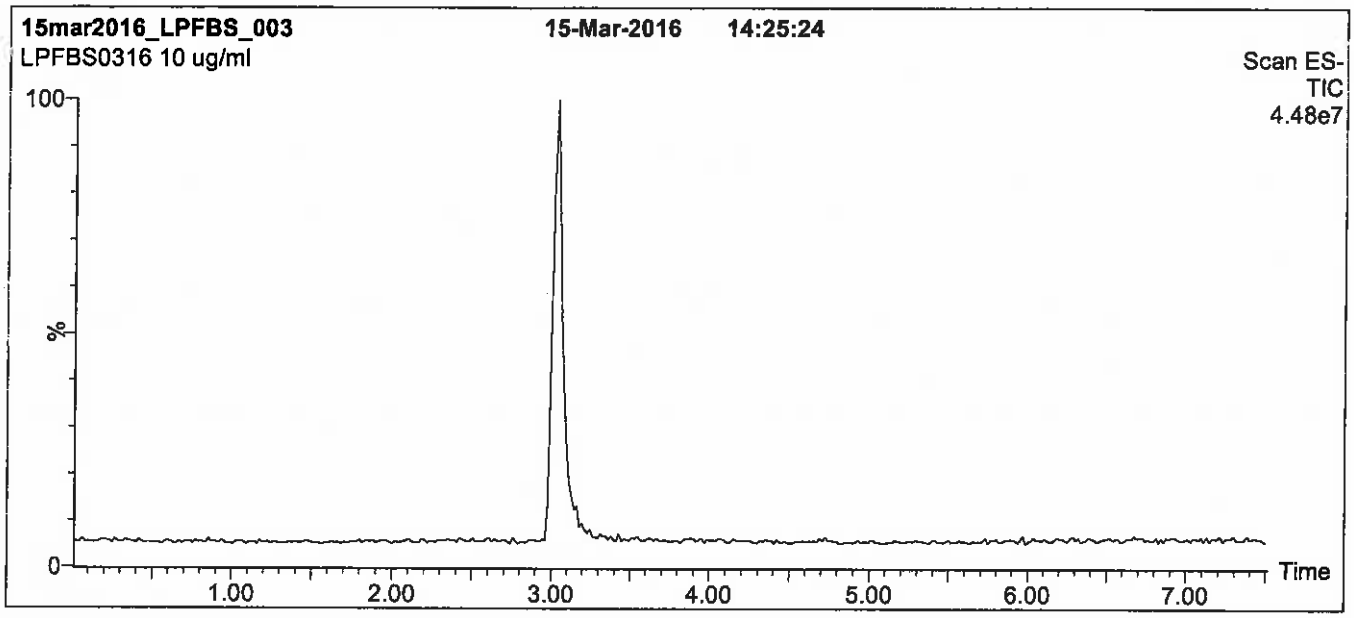
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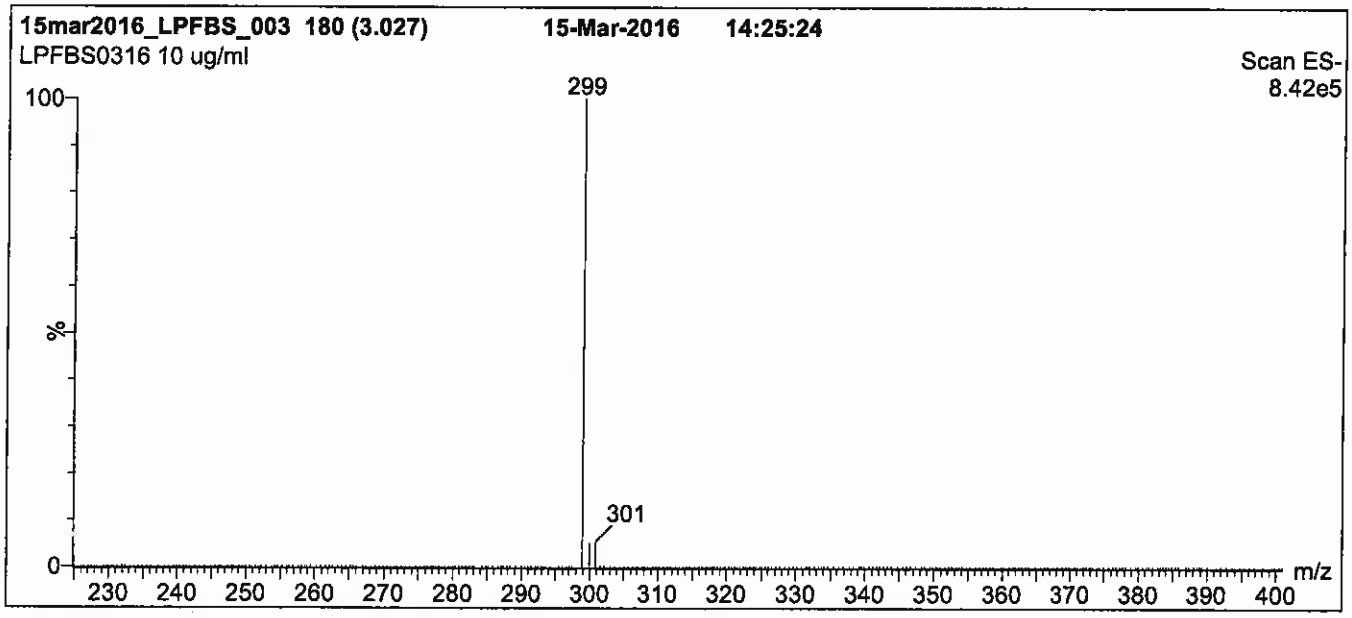
CALA Testing Accreditation No. A1226

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Figure 1: **L-PFBS; 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

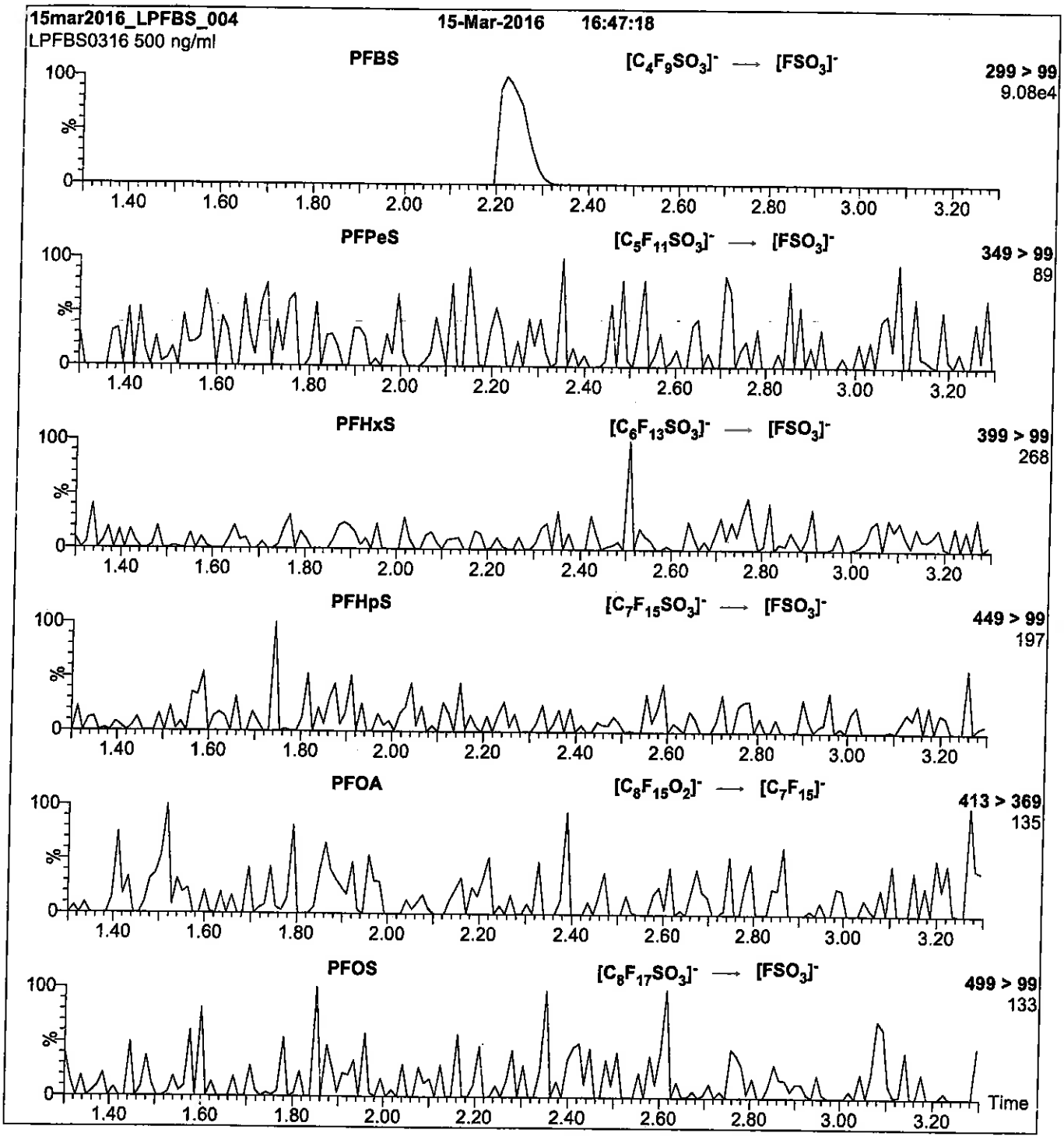
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (225 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 2.00
Cone Voltage (V) = 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 10/4/16 SR

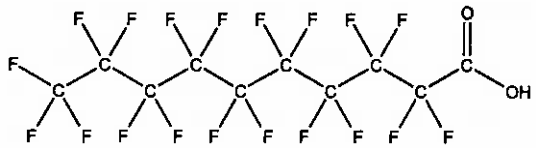
730620
ID: LCPFDA_00006
Exp: 05/31/21 Prpd: SBC
PF-n-decanoic acid

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:

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HAZARDS:

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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:

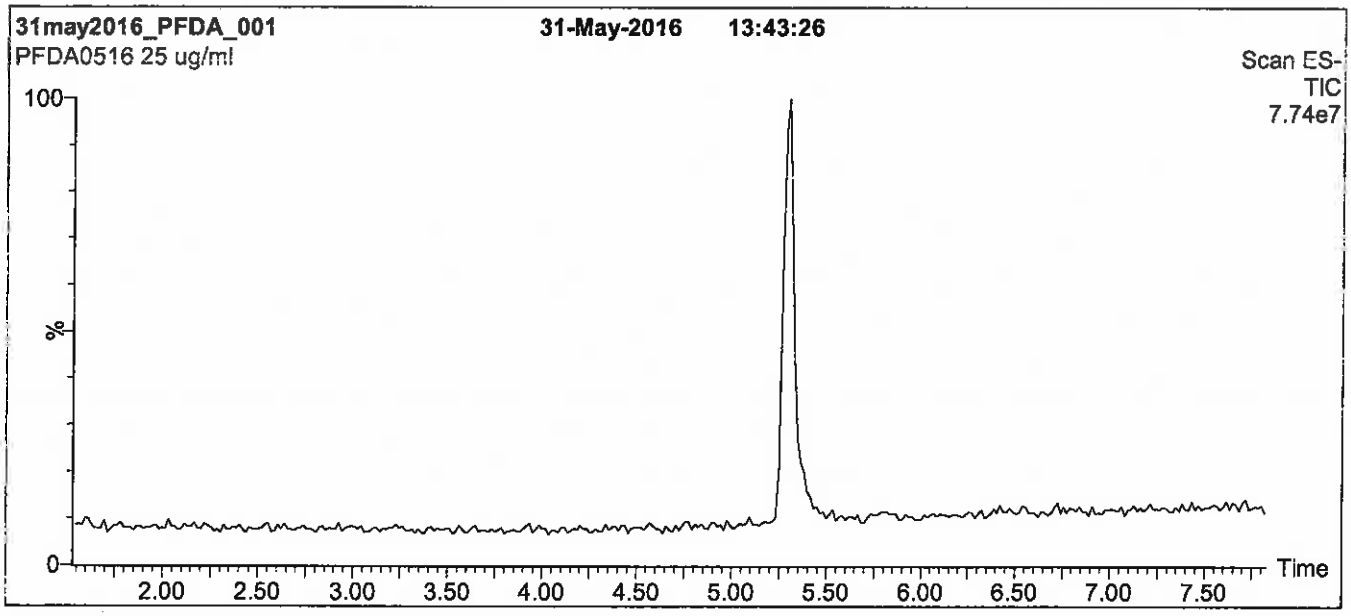
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

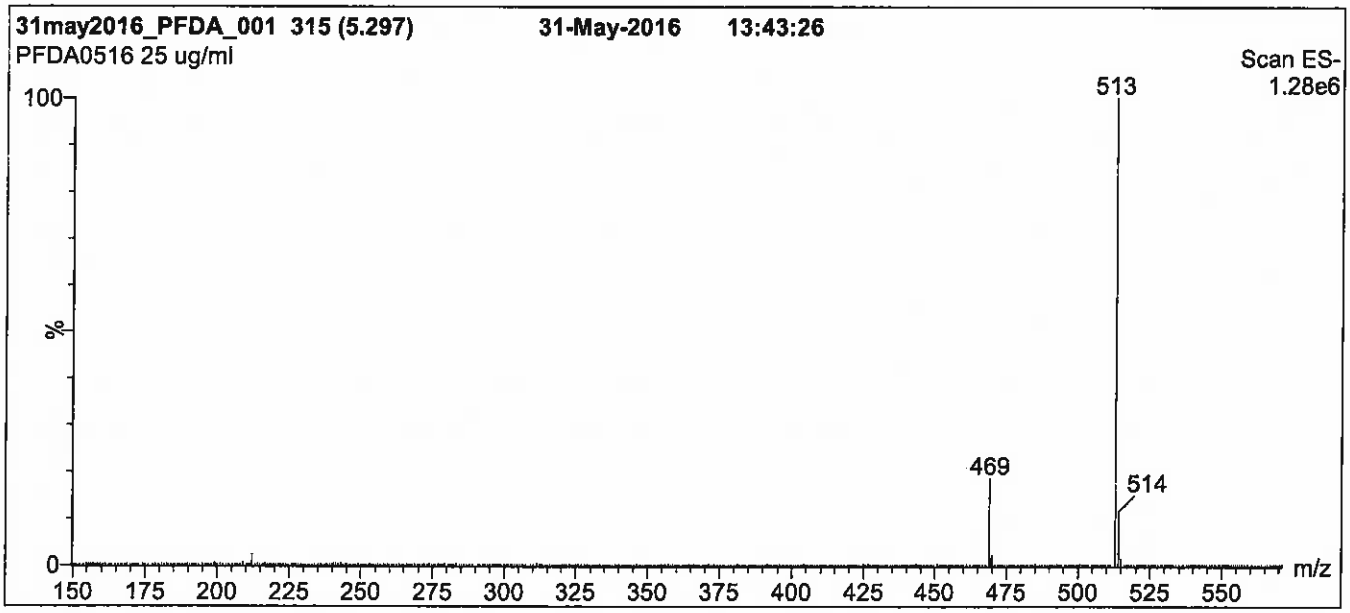
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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Figure 1: **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

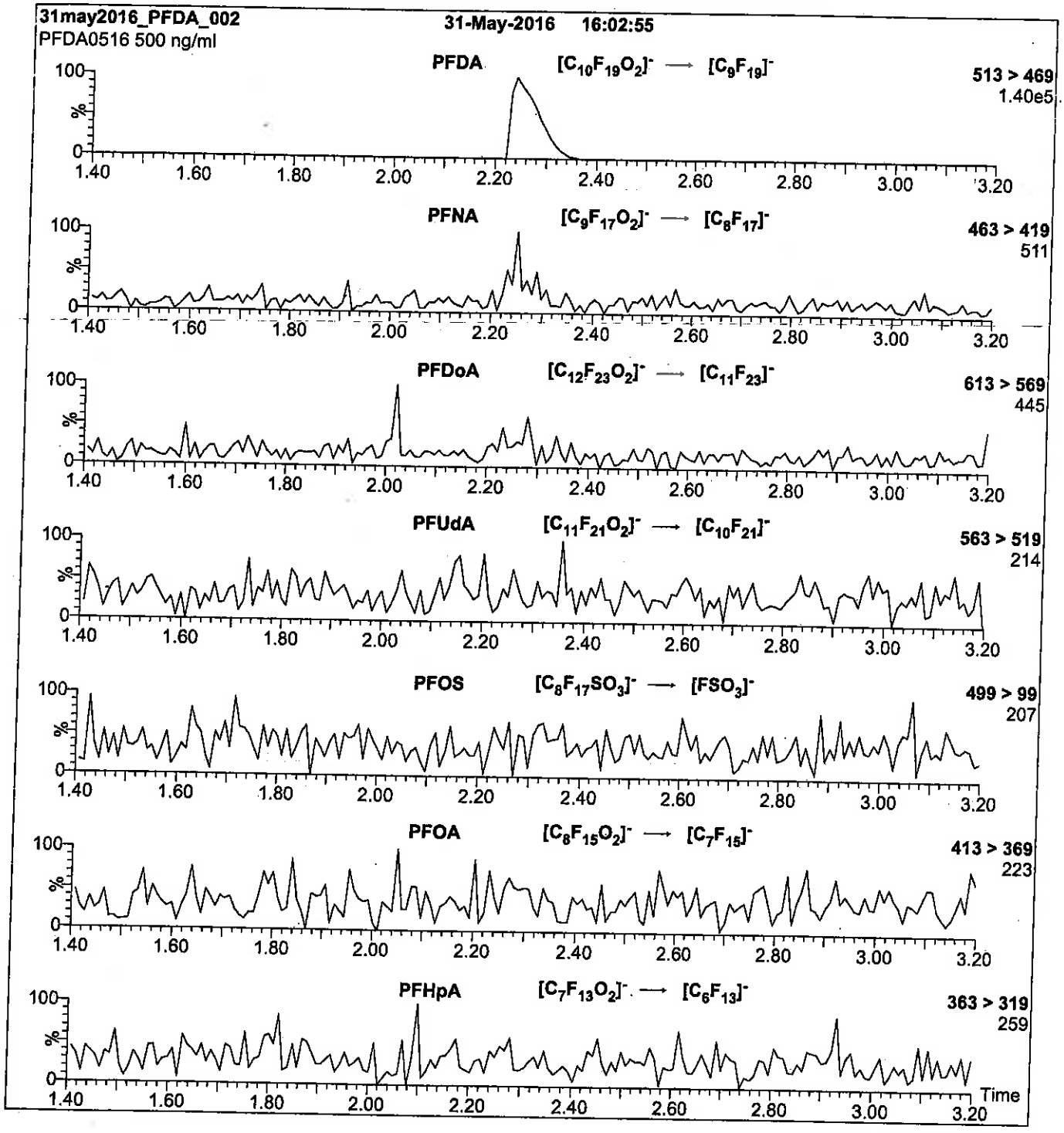
Flow: 300 µl/min

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

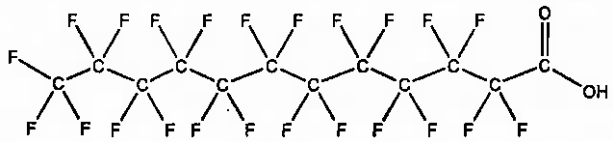
LCPFDoA_00006

r: 12/21/16 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

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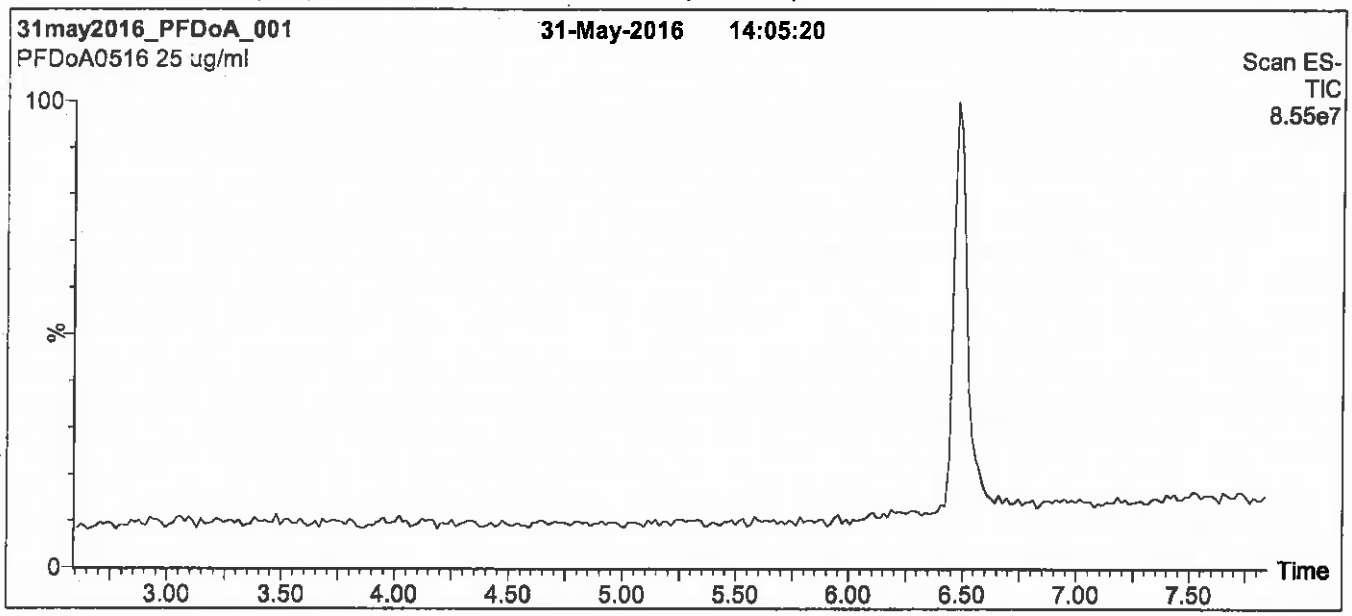
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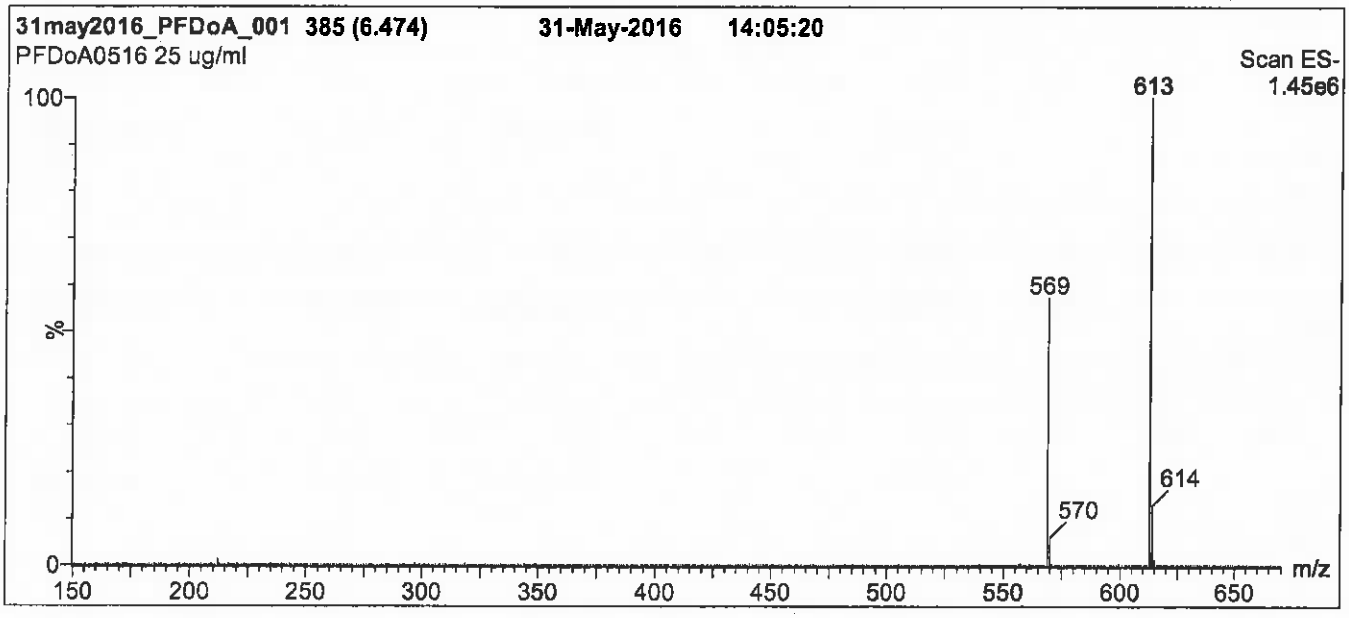
CALA

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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

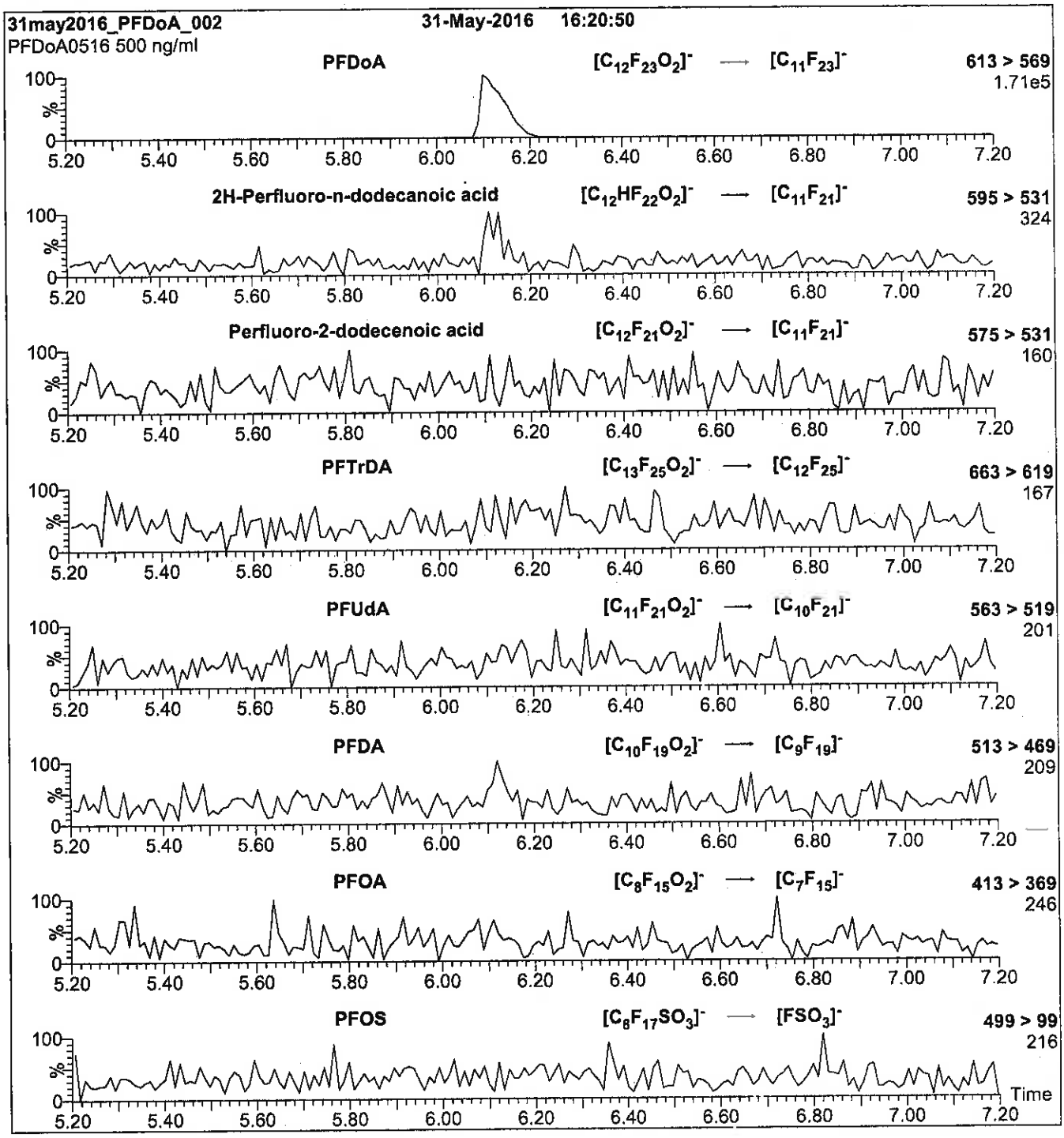
Flow: 300 µl/min

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)

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

LCPFDS_00005

605240
ID: LCPFDS_00005
Exp: 07/02/20 Prpd: CBW
PF-1-decanesulfonate sodi

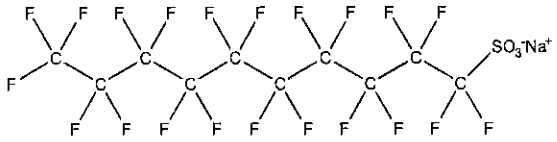
Rec. 3/29/16 JRB

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE: L-PFDS
LOT NUMBER: LPFDS0615
COMPOUND: Sodium perfluoro-1-decanesulfonate

STRUCTURE:
CAS #: 2806-15-7



MOLECULAR FORMULA:	$C_{10}F_{21}SO_3Na$	**MOLECULAR WEIGHT:**	622.13
CONCENTRATION:	50.0 ± 2.5 µg/ml (Na salt) 48.2 ± 2.4 µg/ml (PFDS anion)	**SOLVENT(S):**	Methanol
CHEMICAL PURITY:	>98%		
LAST TESTED: (mm/dd/yyyy)	07/02/2015		
EXPIRY DATE: (mm/dd/yyyy)	07/02/2020		
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 ~ 0.9% of sodium perfluoro-1-dodecanesulfonate (L-PFDoS).

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 12/07/2015 (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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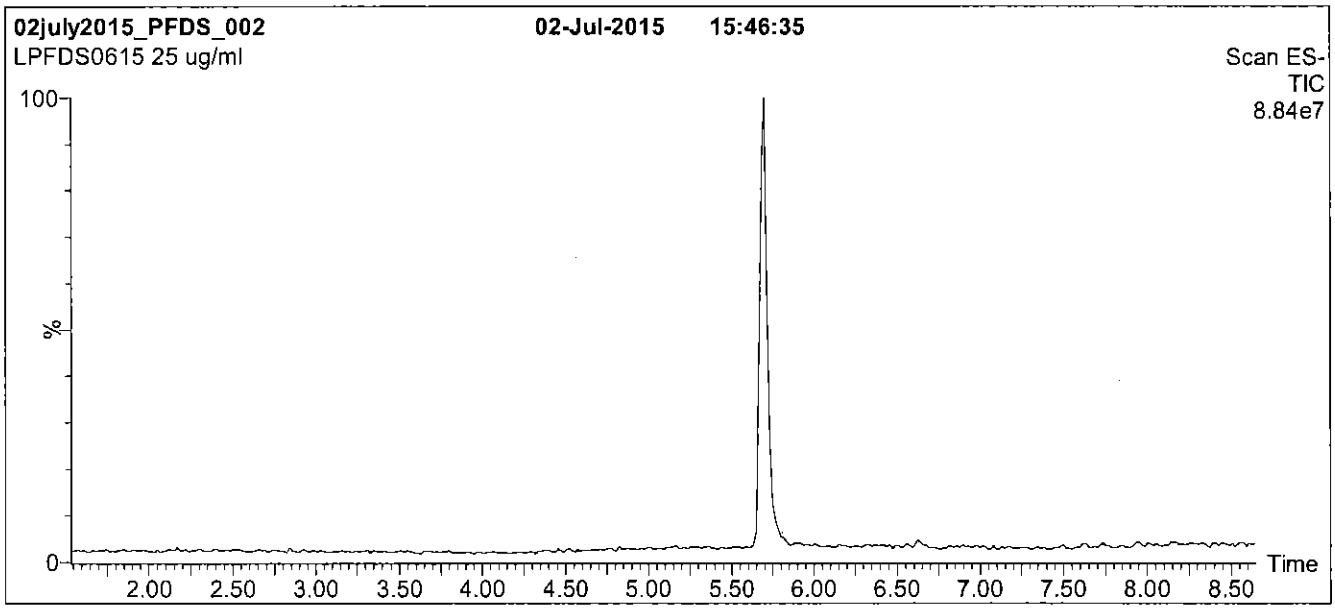
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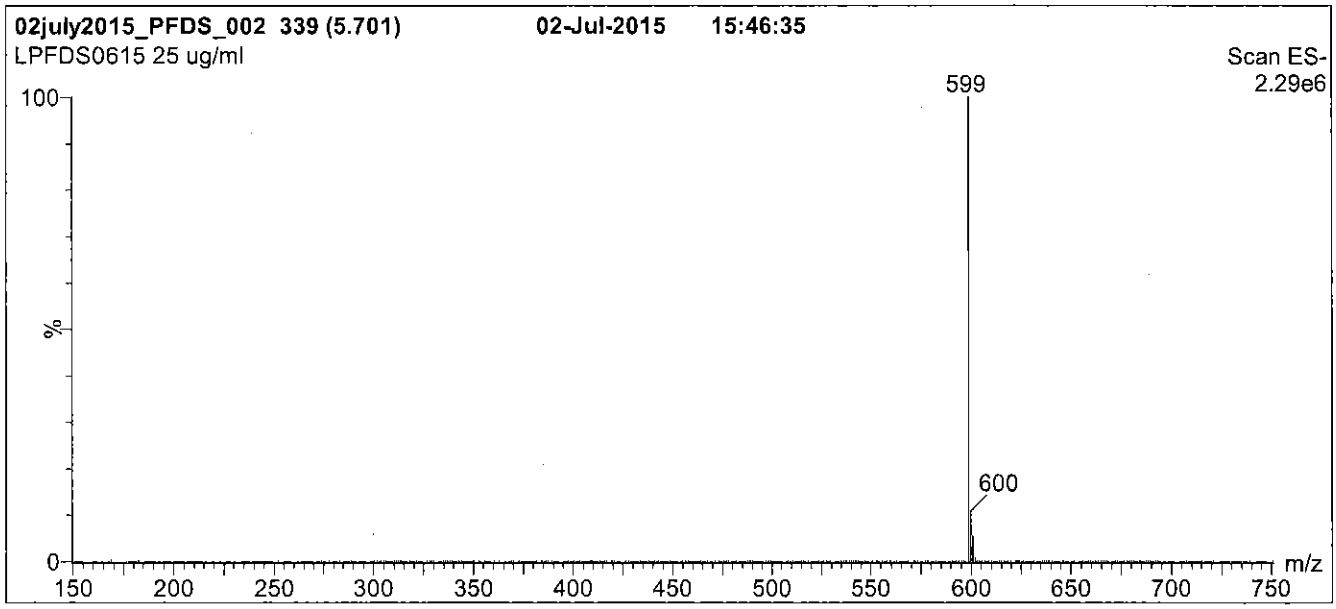
CALA

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Figure 1: **L-PFDS; 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

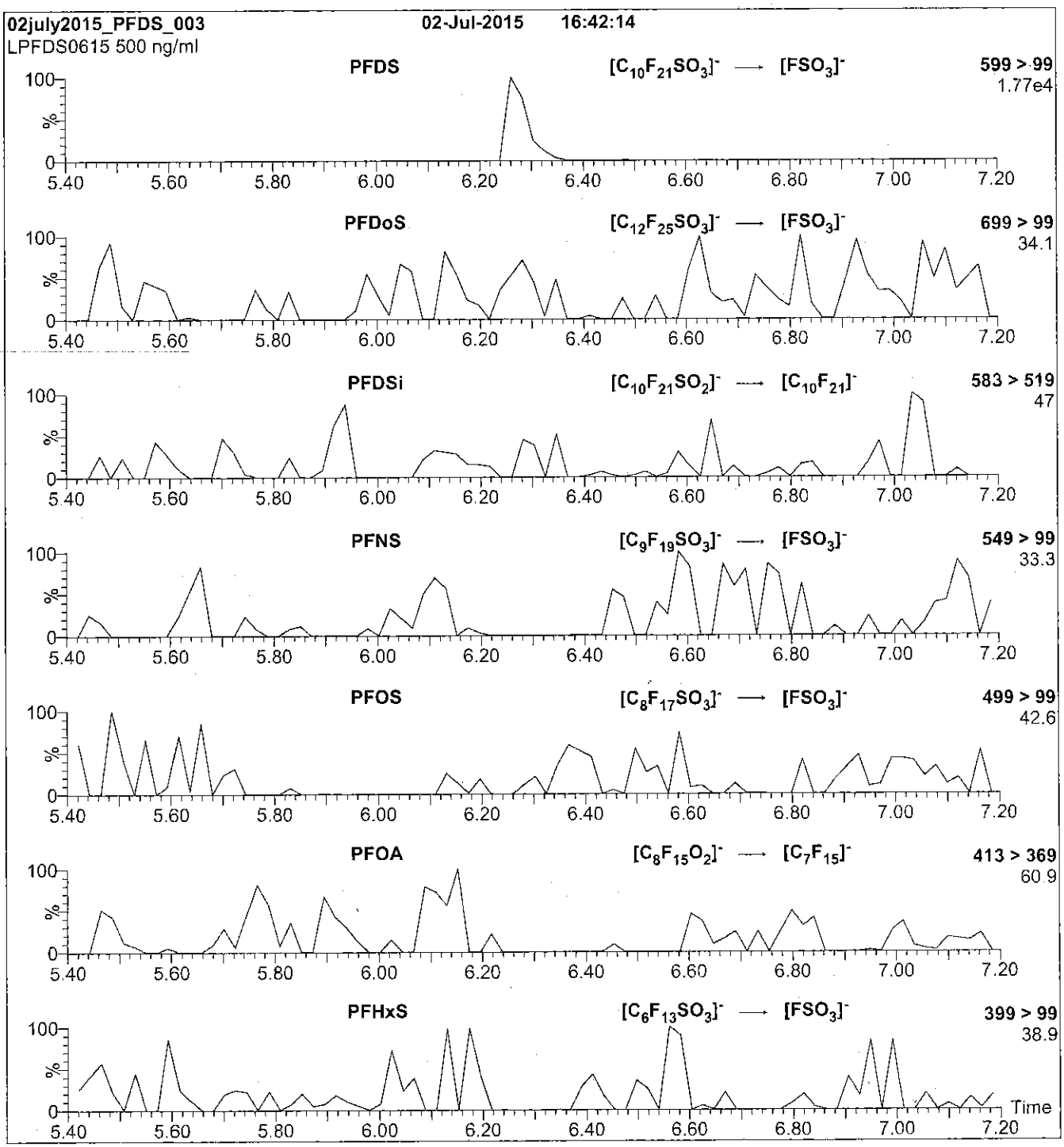
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 70.00
Cone Gas Flow (l/hr) = 50
Desolvation Gas Flow (l/hr) = 750

Figure 2: **L-PFDS; LC/MS/MS Data (Selected MRM Transitions)**



Conditions for Figure 2:

Injection: Direct loop injection
10 µl (500 ng/ml L-PFDS)

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) = 50

Reagent

LCPFHpA_00006

Scanned 10/14/16 SM R: SBC 9/13/16

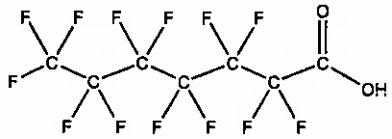
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ID: LCPFHpA_00006
Exp: 01/22/21 Prpd: SBC
PF-n-heptanoic acid

730518
ID: LCPFHpA_00007
Exp: 01/22/21 Prpd: SBC
PF-n-heptanoic acid

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE:	PFHpA	**LOT NUMBER:**	PFHpA0116
COMPOUND:	Perfluoro-n-heptanoic acid		
STRUCTURE:		**CAS #:**	375-85-9



MOLECULAR FORMULA:	$C_7HF_{13}O_2$	**MOLECULAR WEIGHT:**	364.06
CONCENTRATION:	50 ± 2.5 µg/ml	**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.

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Certified By: B.G. Chittim **Date:** 02/02/2016 (mm/dd/yyyy)

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QUALITY MANAGEMENT:

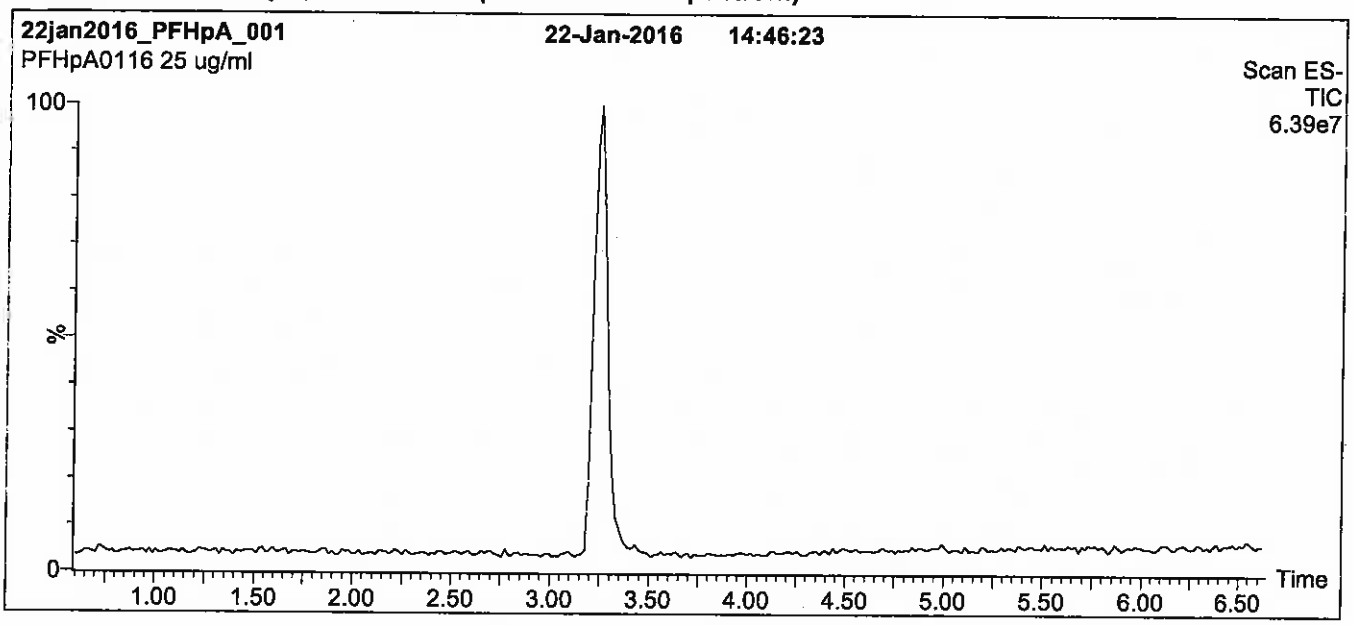
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

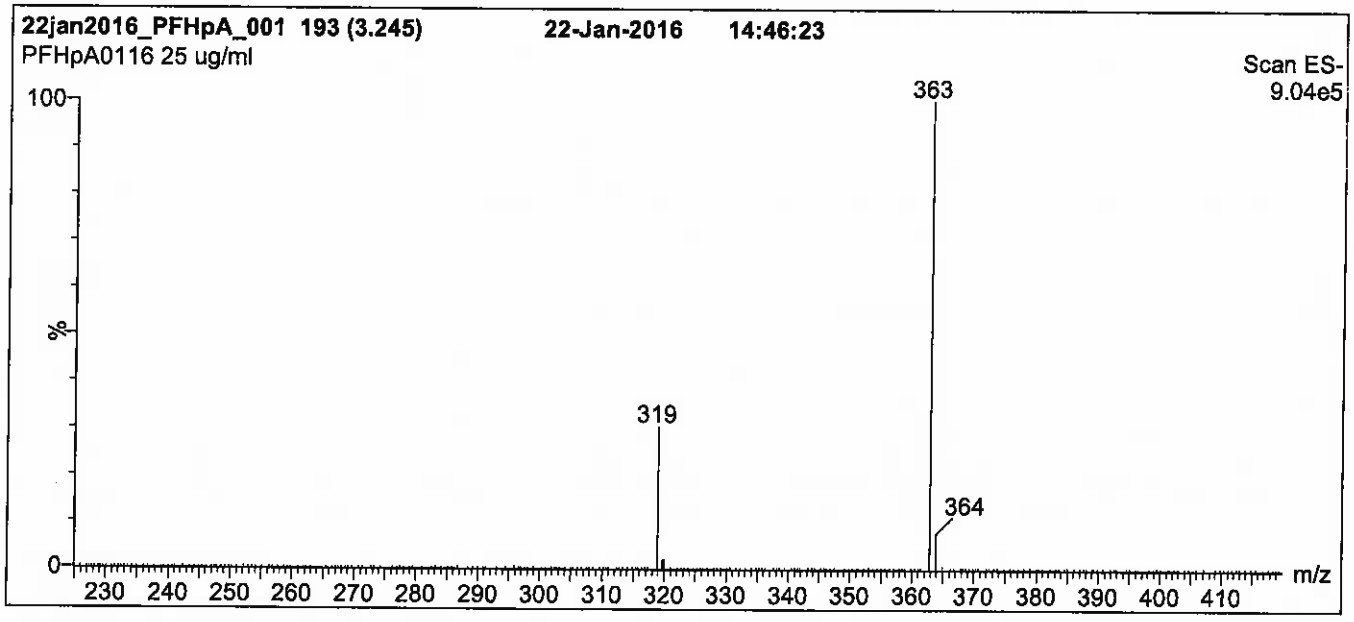
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ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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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

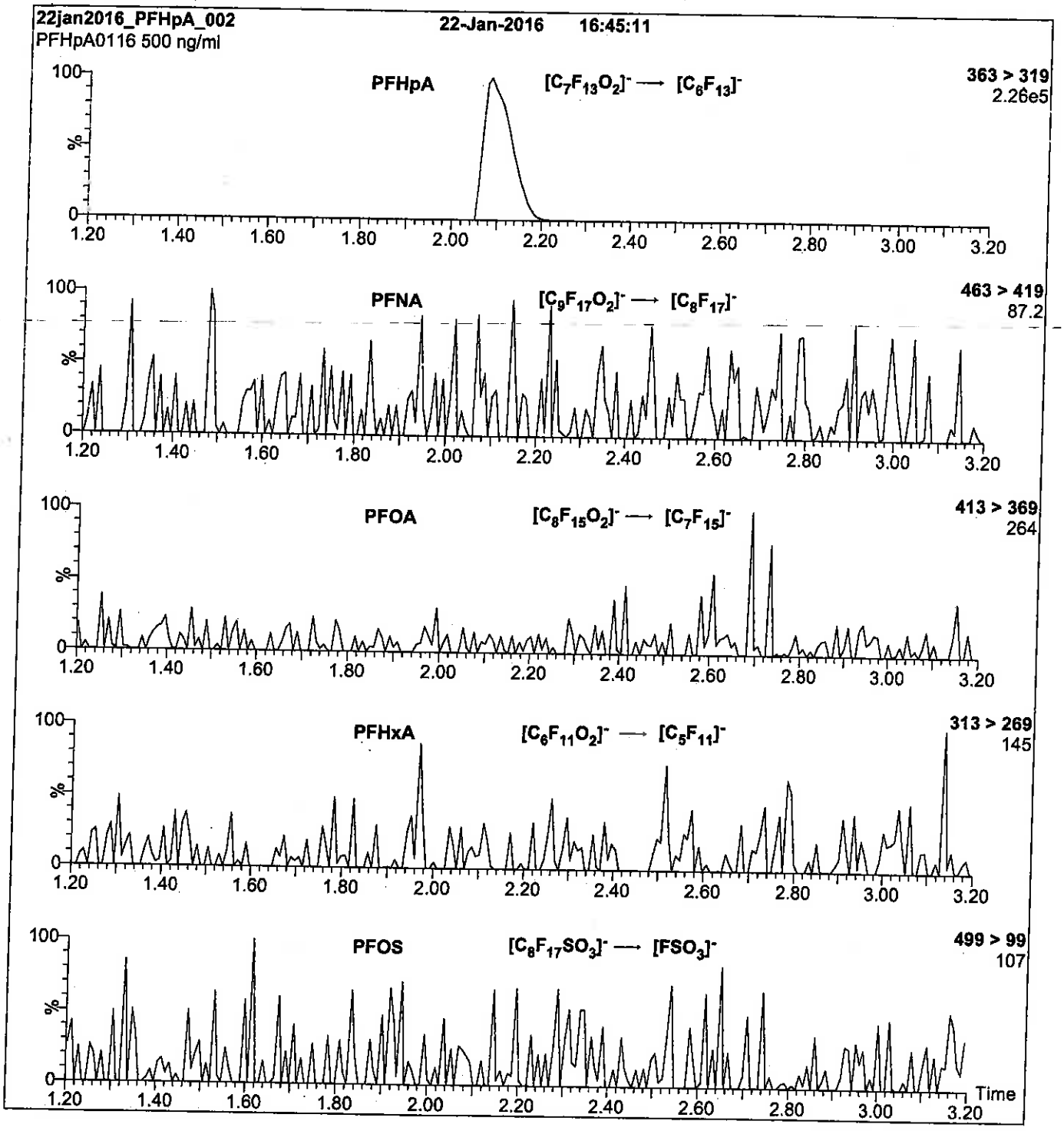
Flow: 300 µl/min

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 SP R: SBC 9/13/16

730635
ID: LCPFHpS_00009
Exp: 11/06/20 Prpd: SBC
PFHpS at 47.6ug/mL

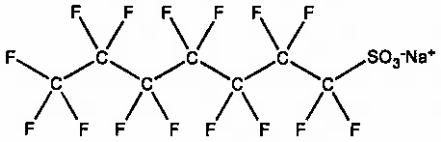
730639
ID: LCPFHpS_00010
Exp: 11/06/20 Prpd: SBC
PFHpS at 47.6ug/mL

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE: L-PFHpS
COMPOUND: Sodium perfluoro-1-heptanesulfonate
LOT NUMBER: LPFHpS1115
CAS #: Not available

STRUCTURE:



MOLECULAR FORMULA:	$C_7F_{15}SO_3Na$	**MOLECULAR WEIGHT:**	472.10
CONCENTRATION:	50.0 ± 2.5 µg/ml (Na salt) 47.6 ± 2.4 µg/ml (PFHpS anion)	**SOLVENT(S):**	Methanol
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 ~ 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:

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:

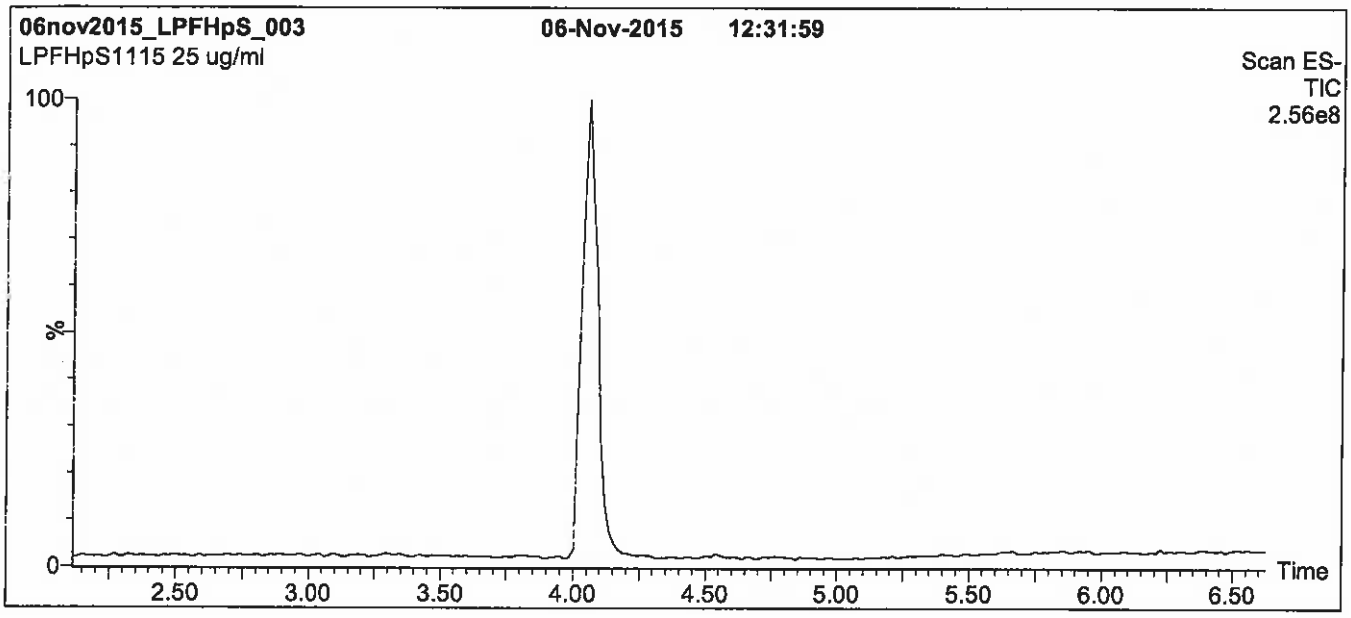
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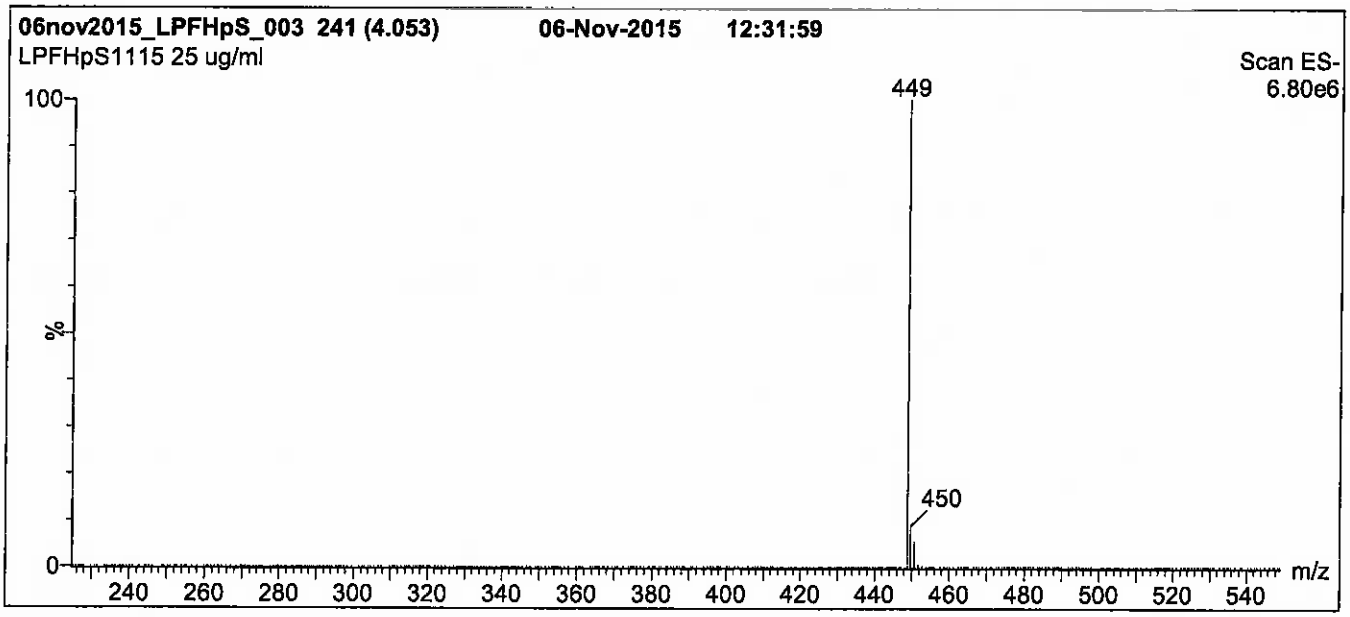
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Figure 1: **L-PFHpS; LC/MS Data (TIC and Mass Spectrum)**





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

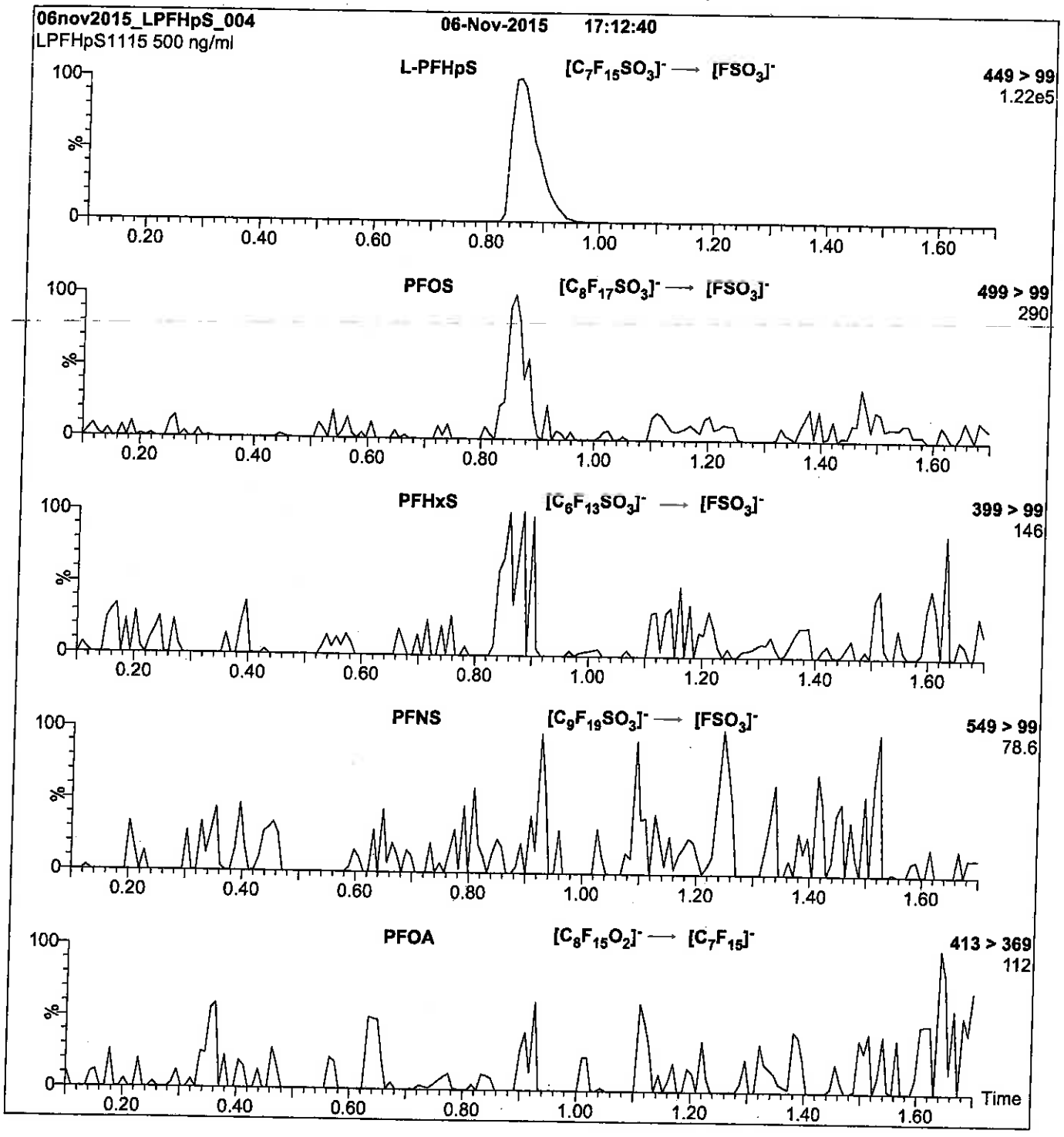
Flow: 300 µl/min

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

LCPFHpS_00010

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

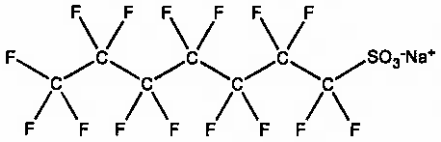
WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE: L-PFHpS
COMPOUND: Sodium perfluoro-1-heptanesulfonate
LOT NUMBER: LPFHpS1115

STRUCTURE:

CAS #: Not available



MOLECULAR FORMULA:	$C_7F_{15}SO_3Na$	**MOLECULAR WEIGHT:**	472.10
CONCENTRATION:	50.0 ± 2.5 µg/ml (Na salt) 47.6 ± 2.4 µg/ml (PFHpS anion)	**SOLVENT(S):**	Methanol
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 ~ 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

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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:

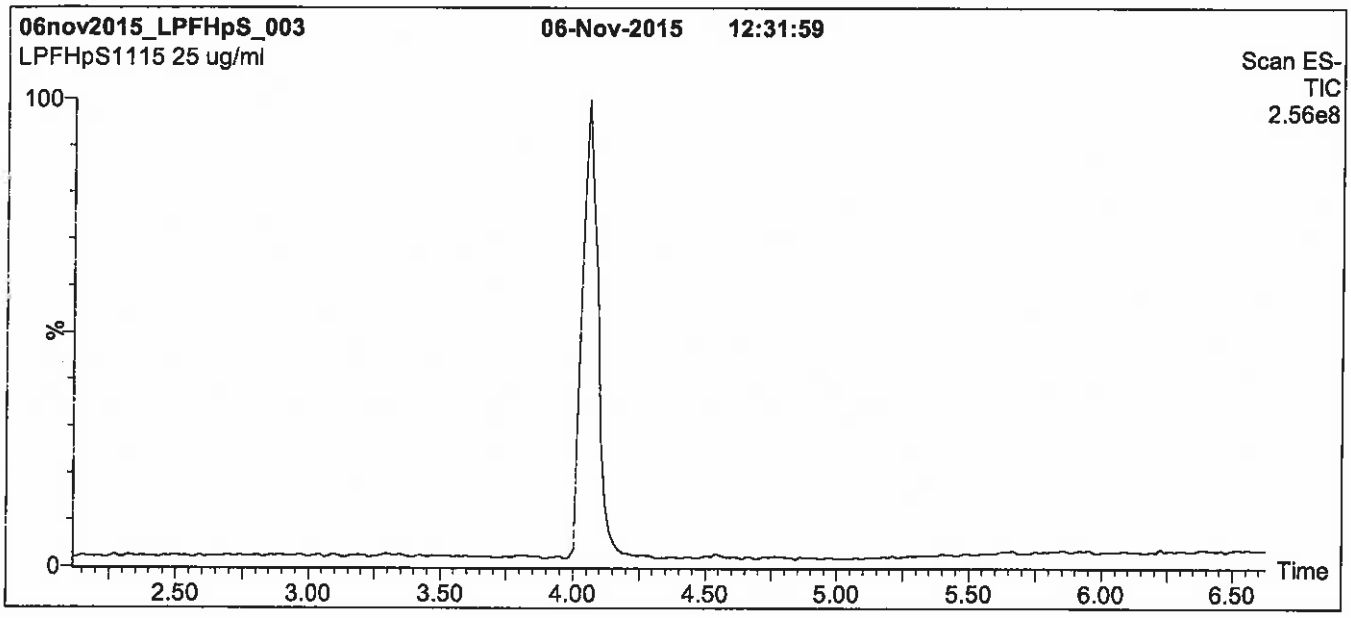
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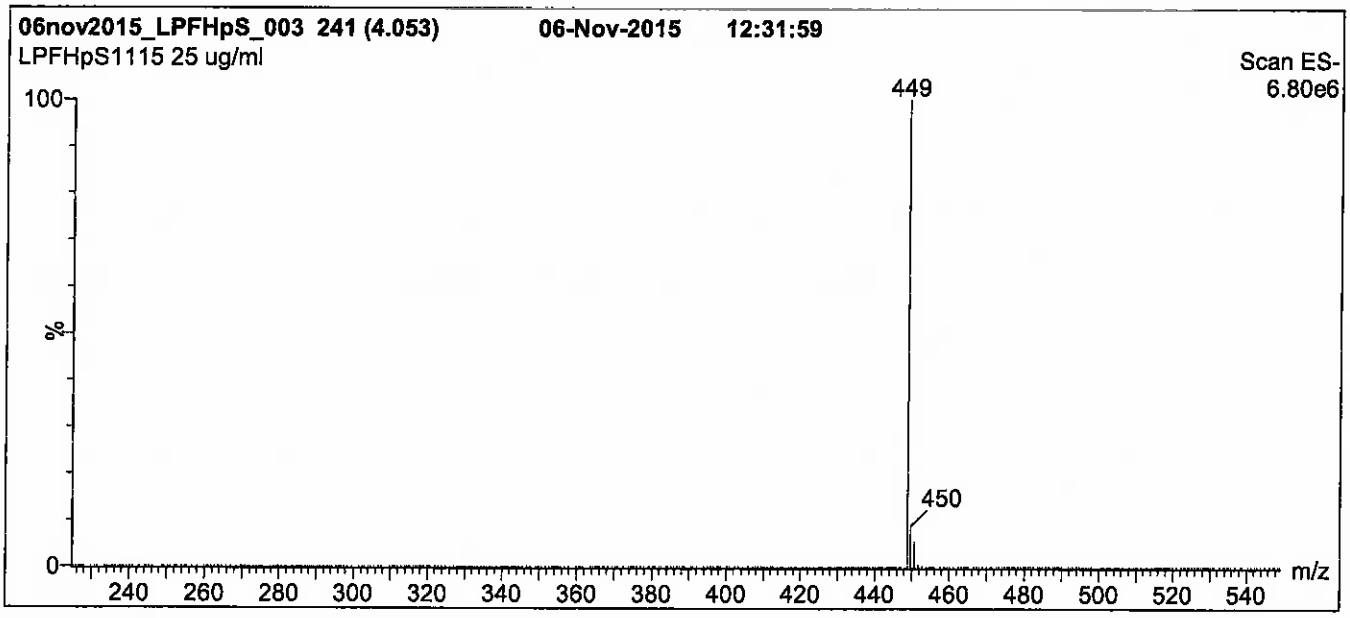
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Figure 1: **L-PFHpS; LC/MS Data (TIC and Mass Spectrum)**





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

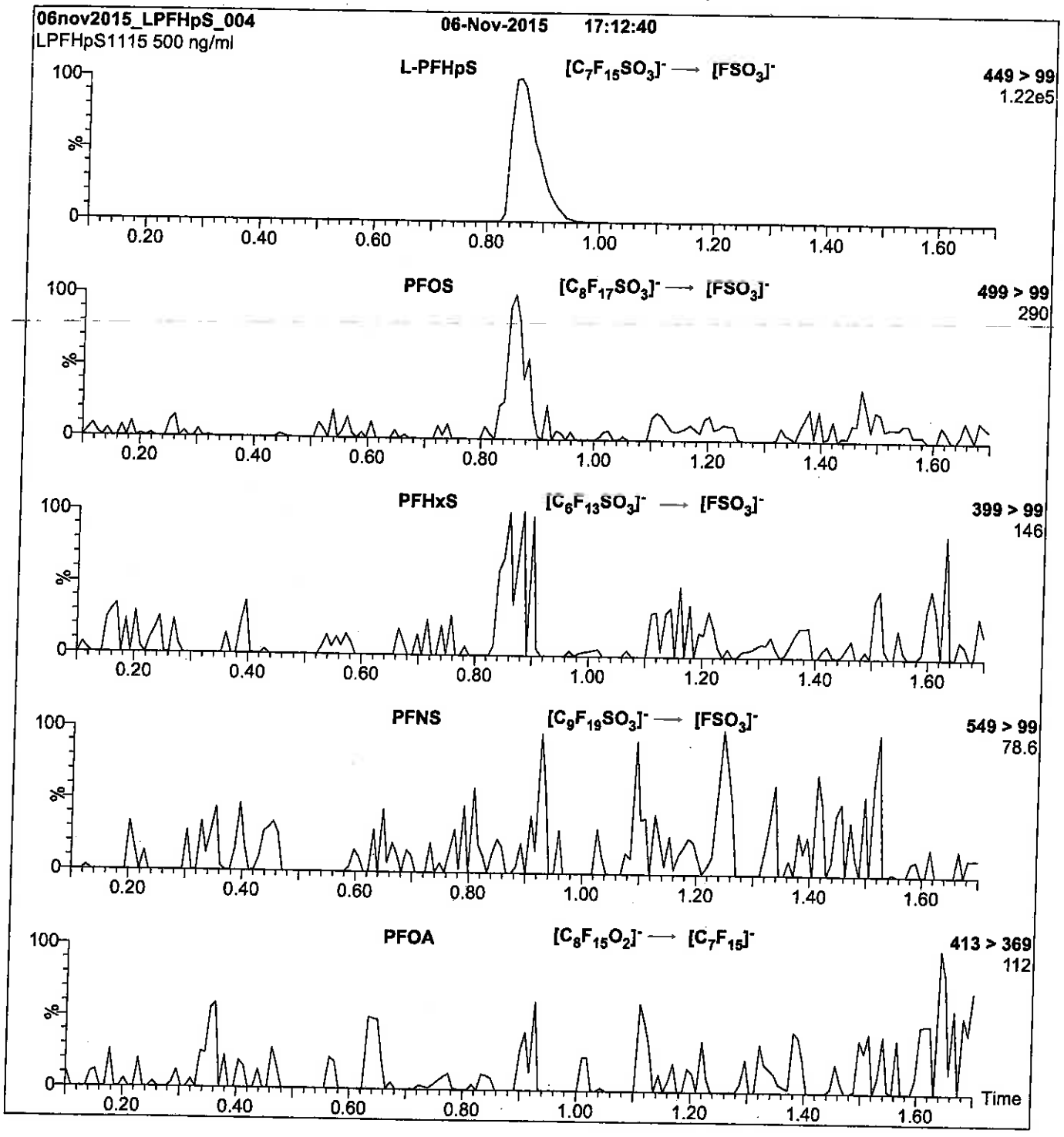
Flow: 300 µl/min

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

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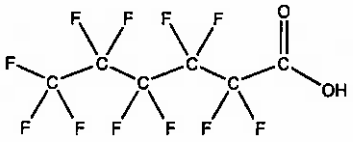
CERTIFICATE OF ANALYSIS
DOCUMENTATION

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
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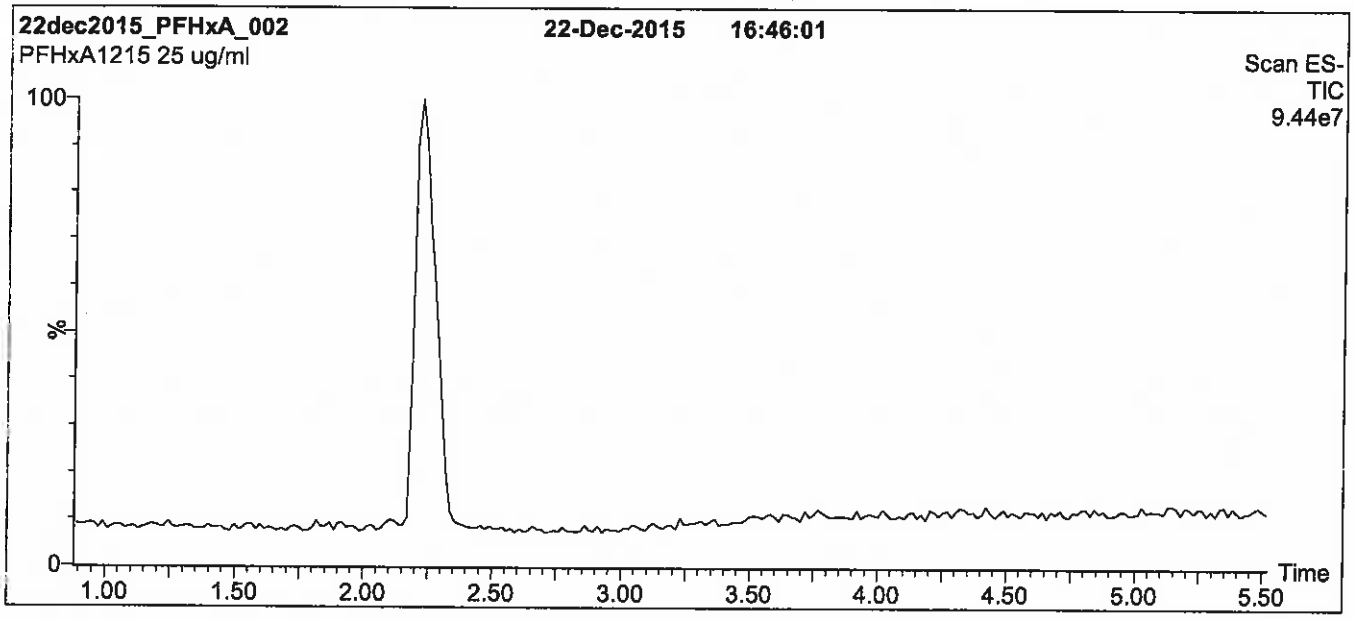
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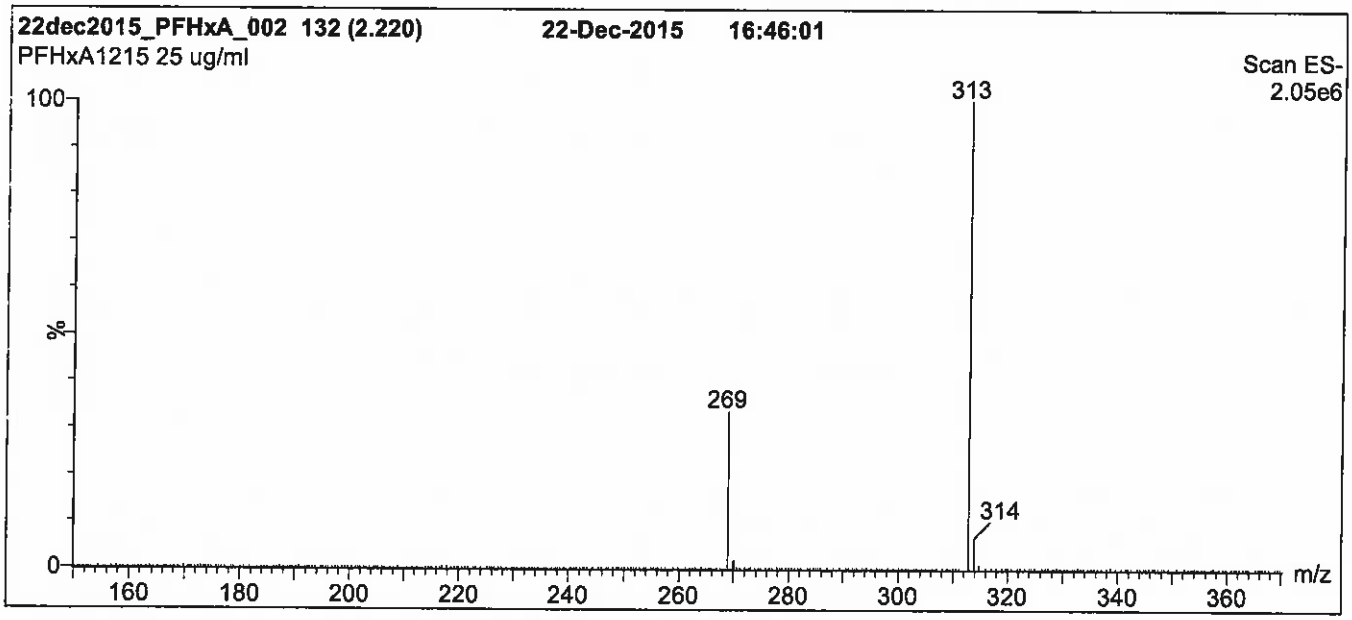
CALA

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

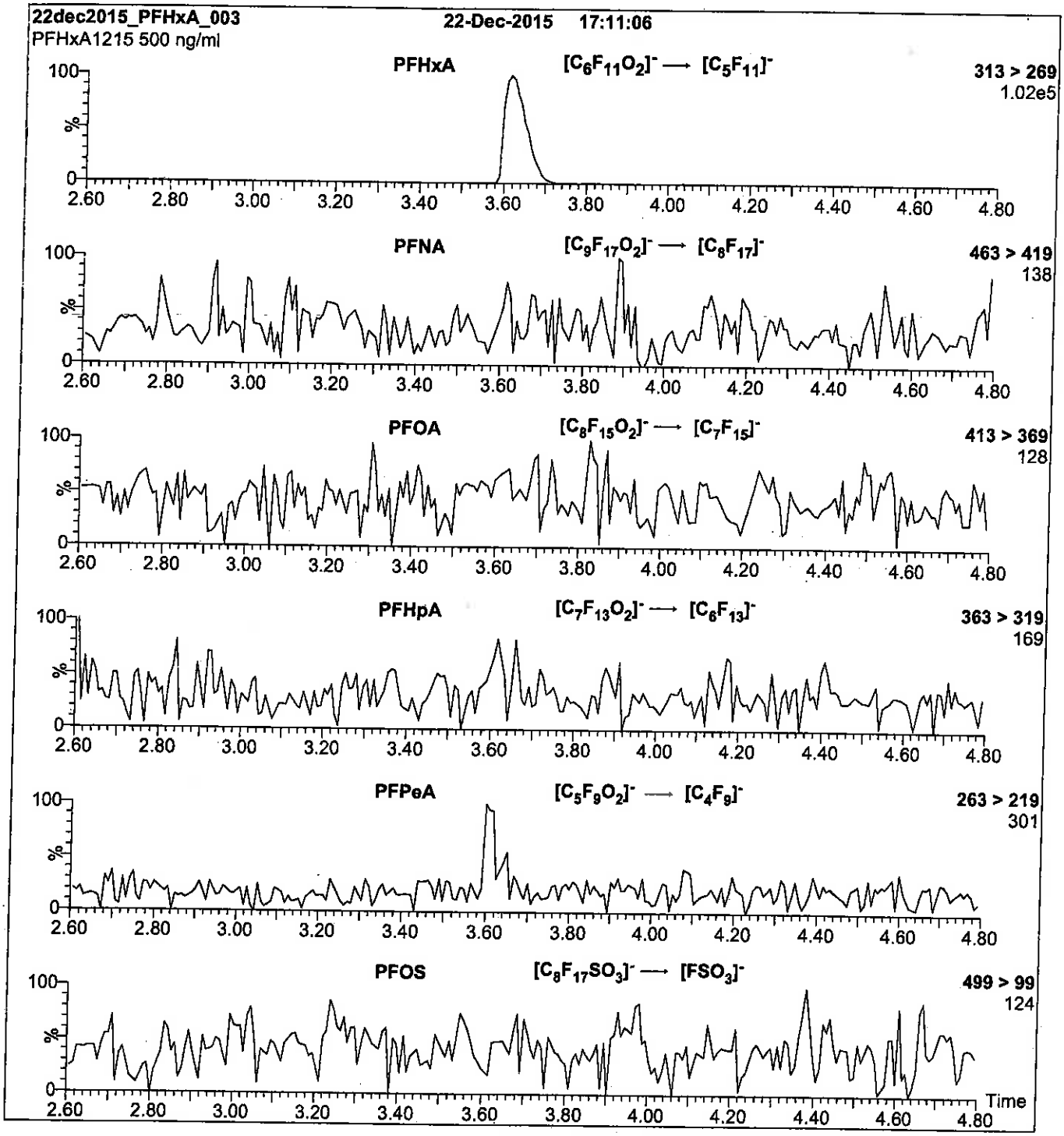
Flow: 300 µl/min

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 SK

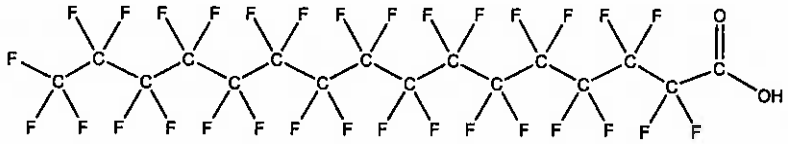
730630
ID: LCPFHxDA_00006
Exp: 05/25/21 Prpd: SBC
PFHxDA stock 50ug/mL

730631
ID: LCPFHxDA_00007
Exp: 05/25/21 Prpd: SBC
PFHxDA stock 50ug/mL

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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)

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:

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HOMOGENEITY:

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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:

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:

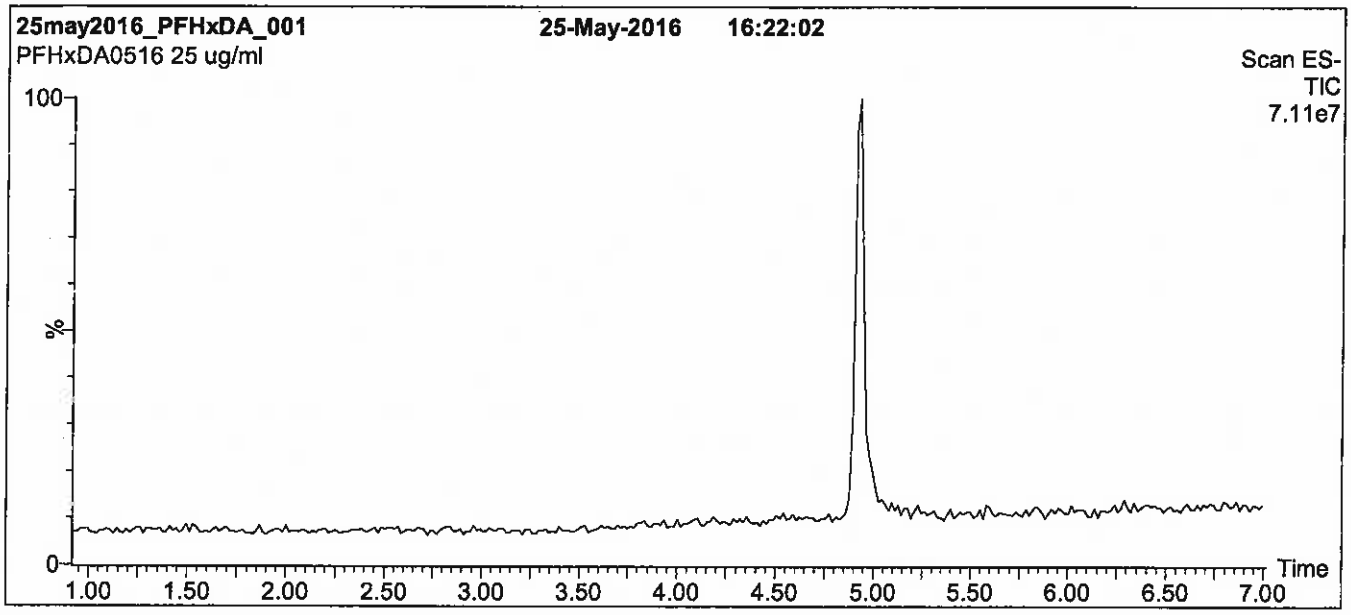
At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

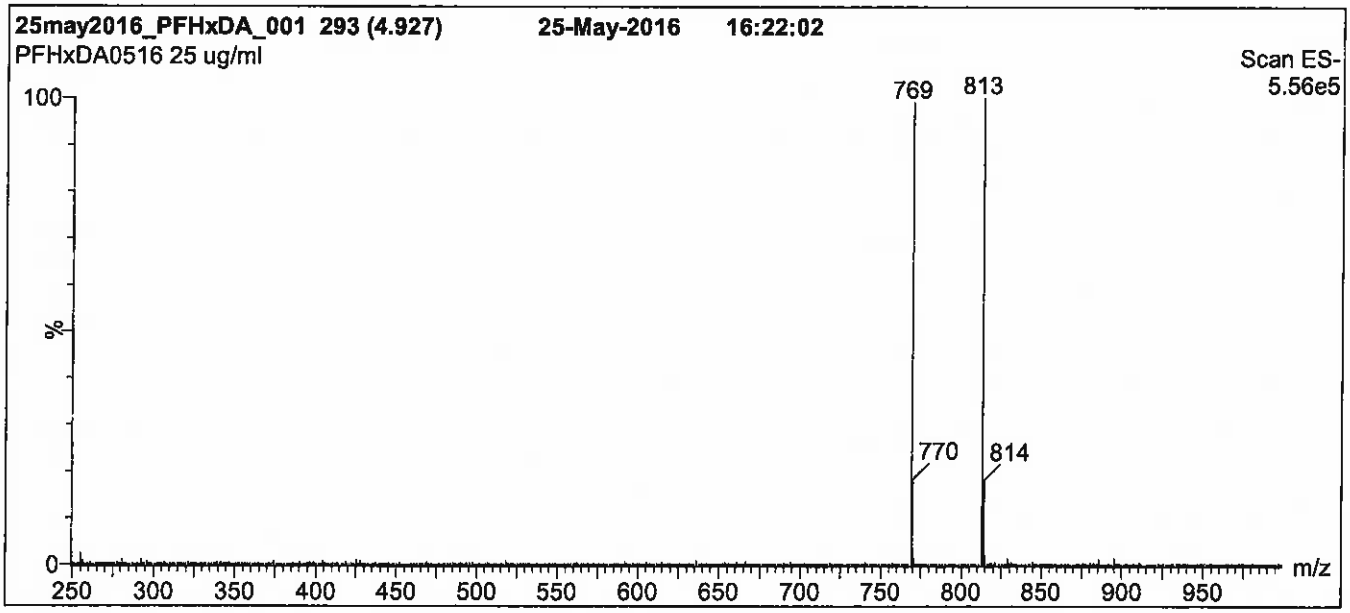
QUALITY MANAGEMENT:

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).

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Figure 1: **PFHxDA; 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

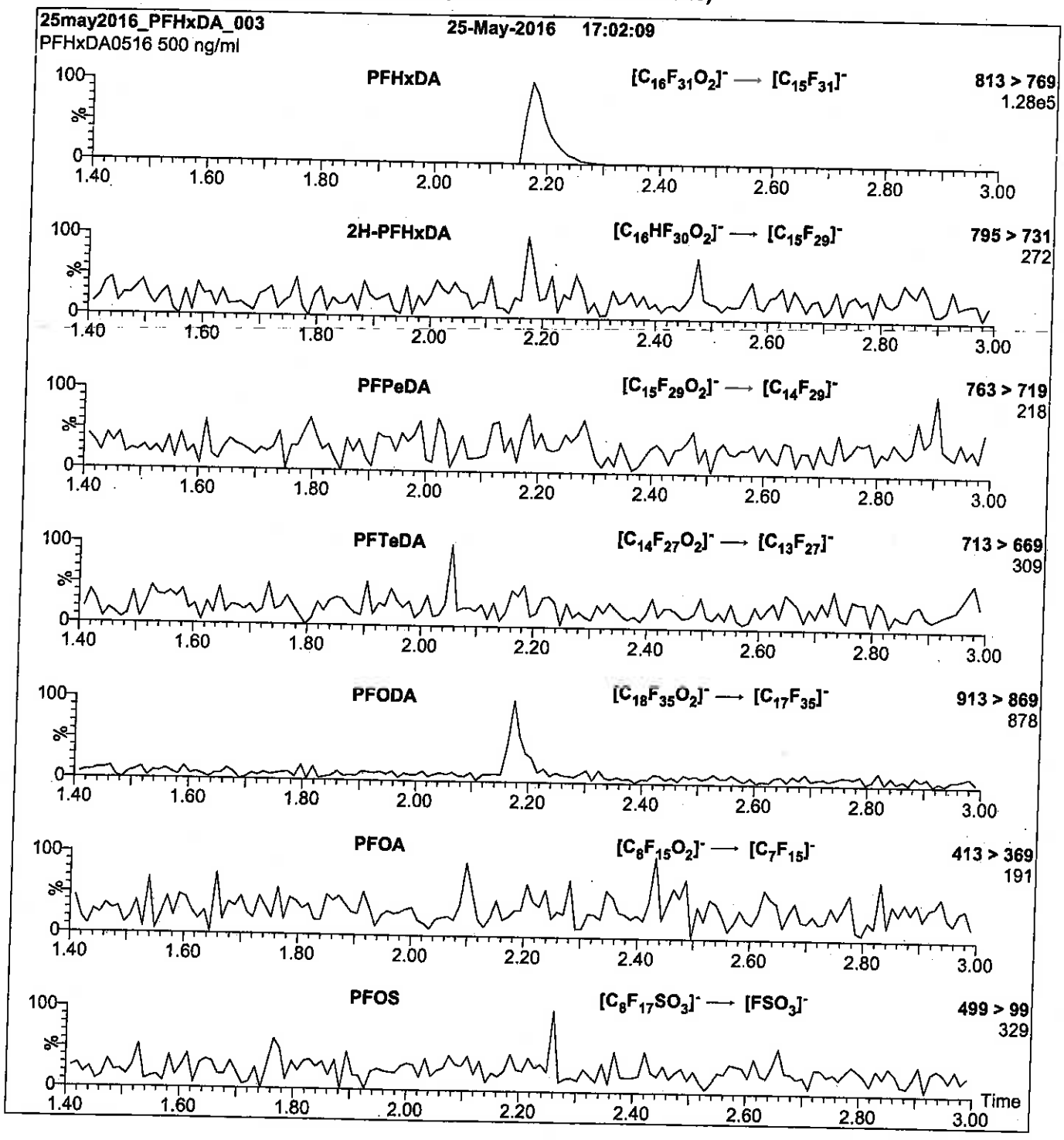
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (250 - 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

LCPFHxDA_00007

R: SBC 9/13/16

Scanned 10/14/16 SK

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

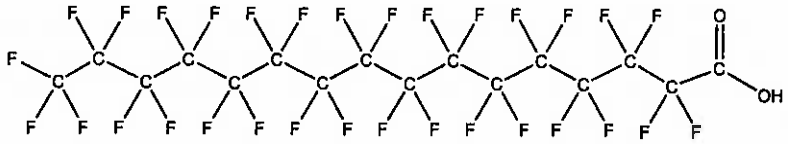
WELLINGTON LABORATORIES

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.

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Certified By: B.G. Chittim **Date:** 05/27/2016 (mm/dd/yyyy)

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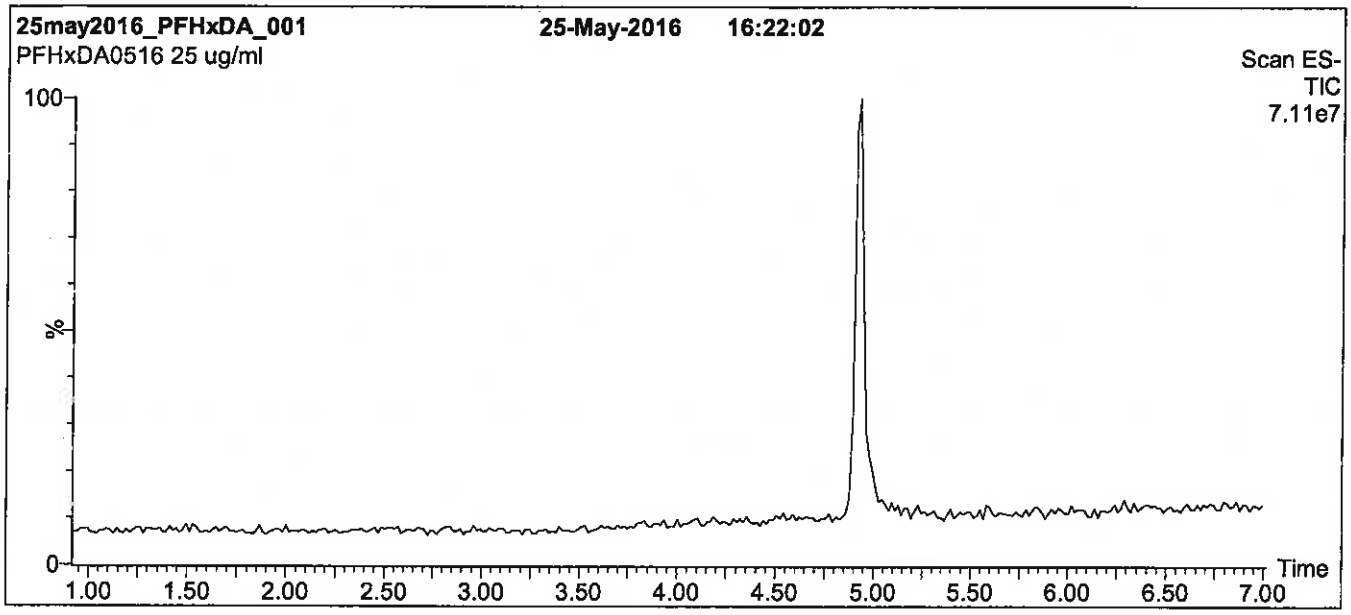
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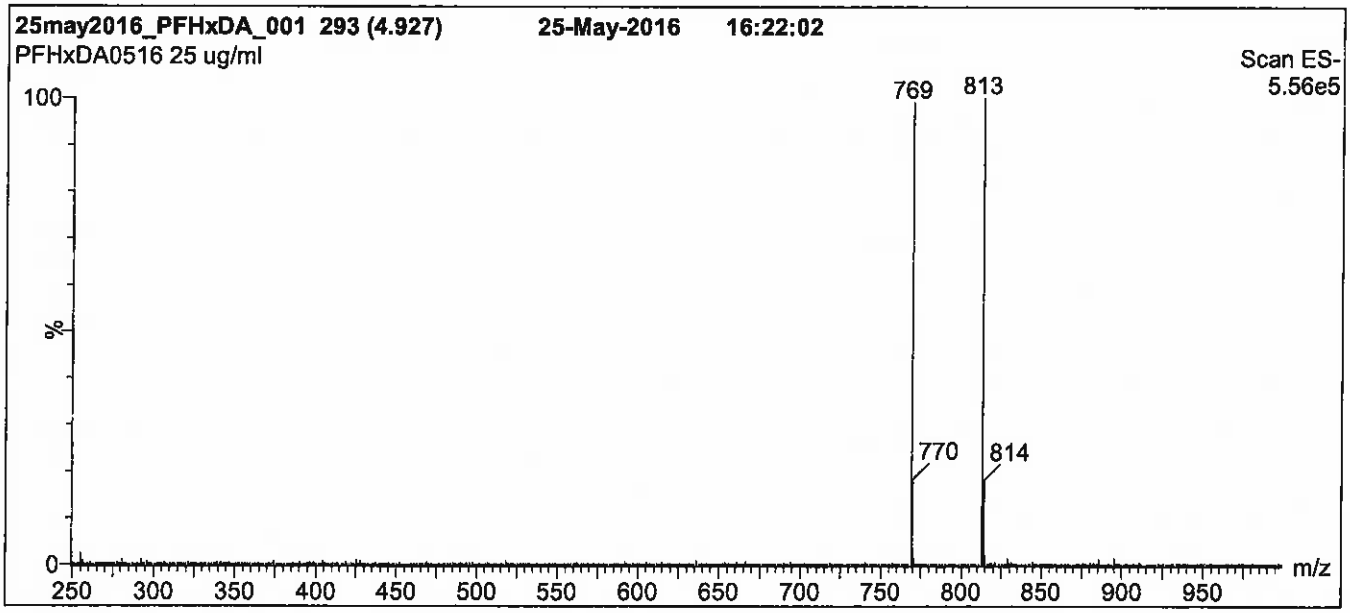
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Figure 1: **PFHxDA; LC/MS Data (TIC and Mass Spectrum)**





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

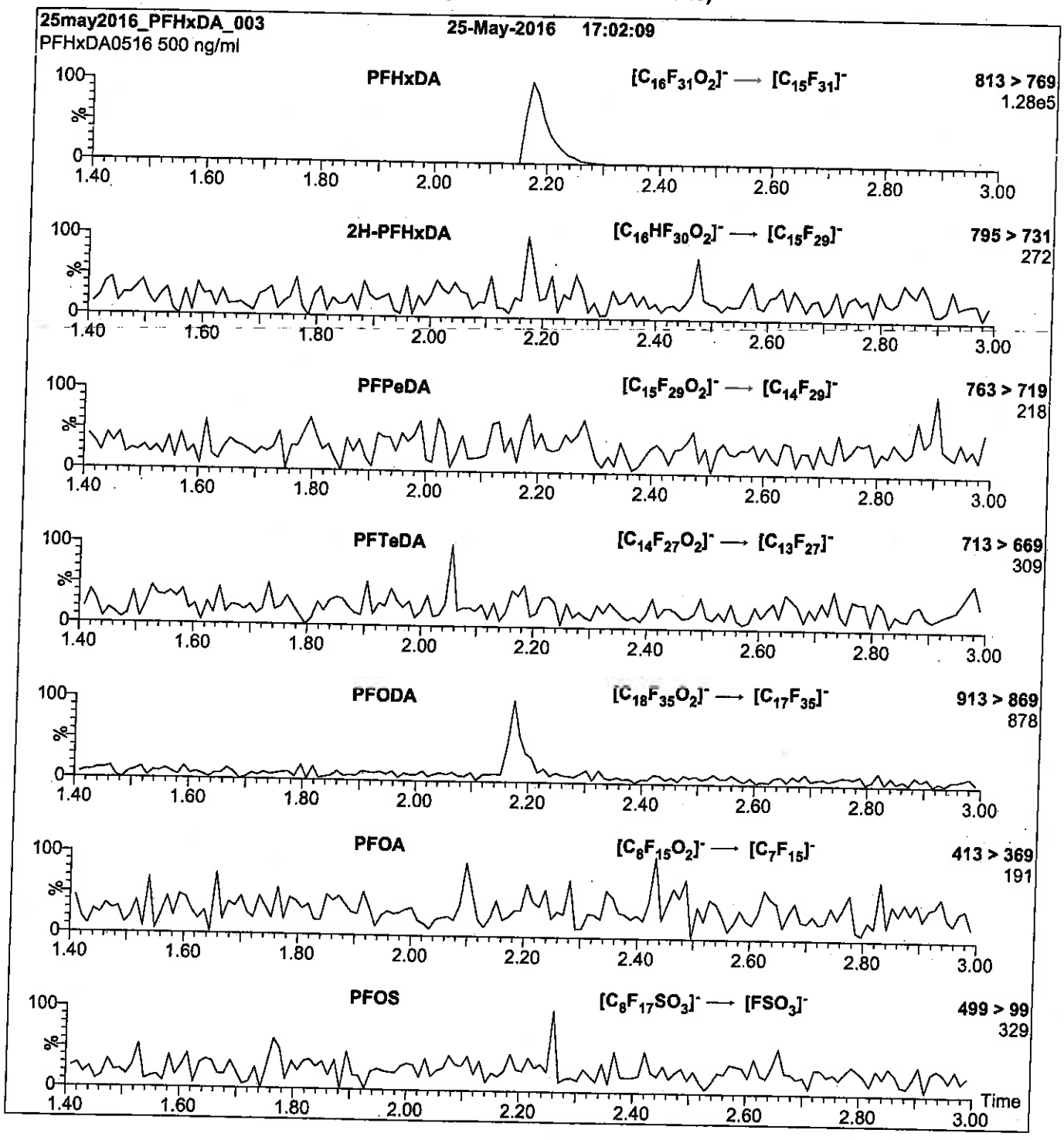
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (250 - 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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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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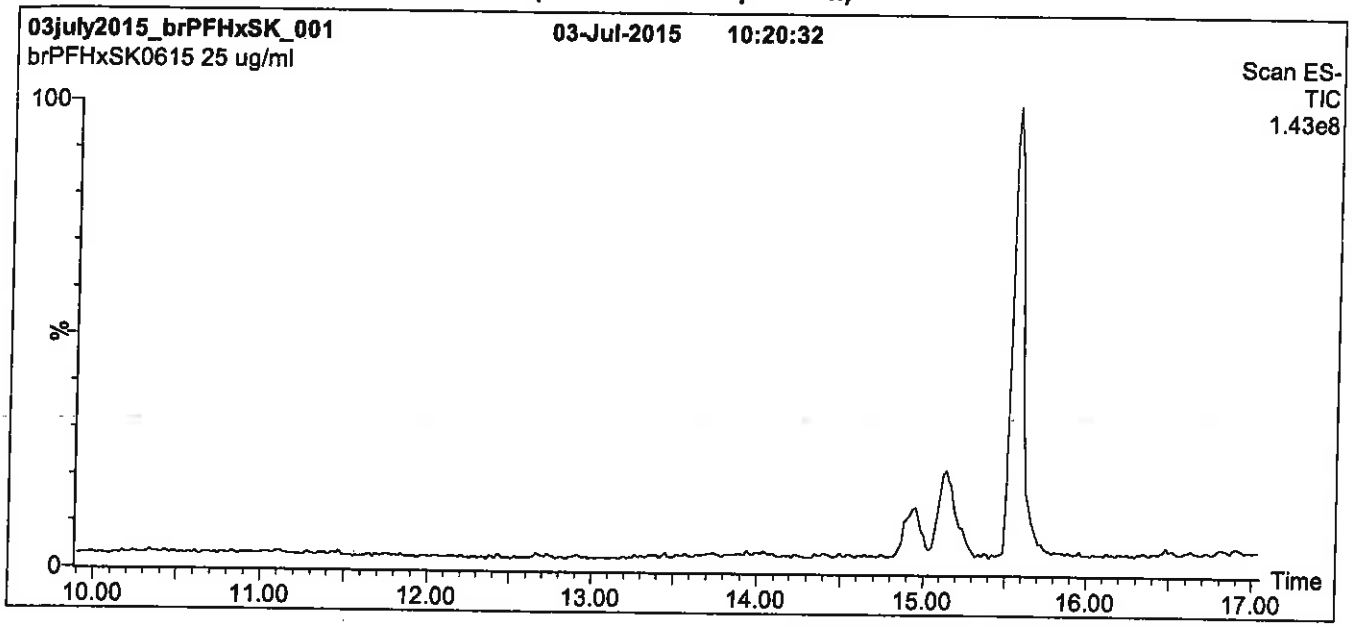
Table A: **br-PFHxSK; Isomeric Components and Percent Composition (by ^{19}F-NMR)***

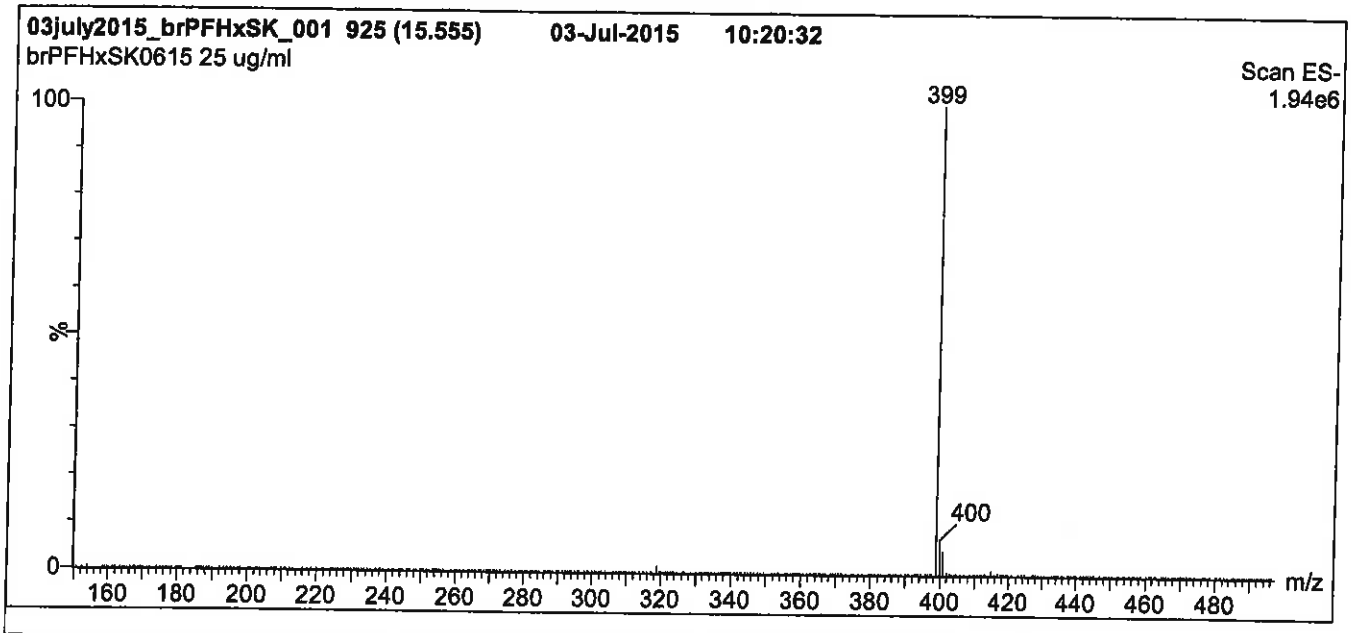
Isomer	Name	Structure	Percent Composition by ^{19}F-NMR
1	Potassium perfluoro-1-hexanesulfonate	$CF_3CF_2CF_2CF_2CF_2CF_2SO_3^-K^+$	81.1
2	Potassium 1-trifluoromethylperfluoropentanesulfonate**	$CF_3CF_2CF_2CF_2CF(CF_3)CF_2SO_3^-K^+$	2.9
3	Potassium 2-trifluoromethylperfluoropentanesulfonate	$CF_3CF_2CF_2CF(CF_3)CF_2CF_2SO_3^-K^+$	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	$CF_3C(CF_3)CF_2CF_2SO_3^-K^+$	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

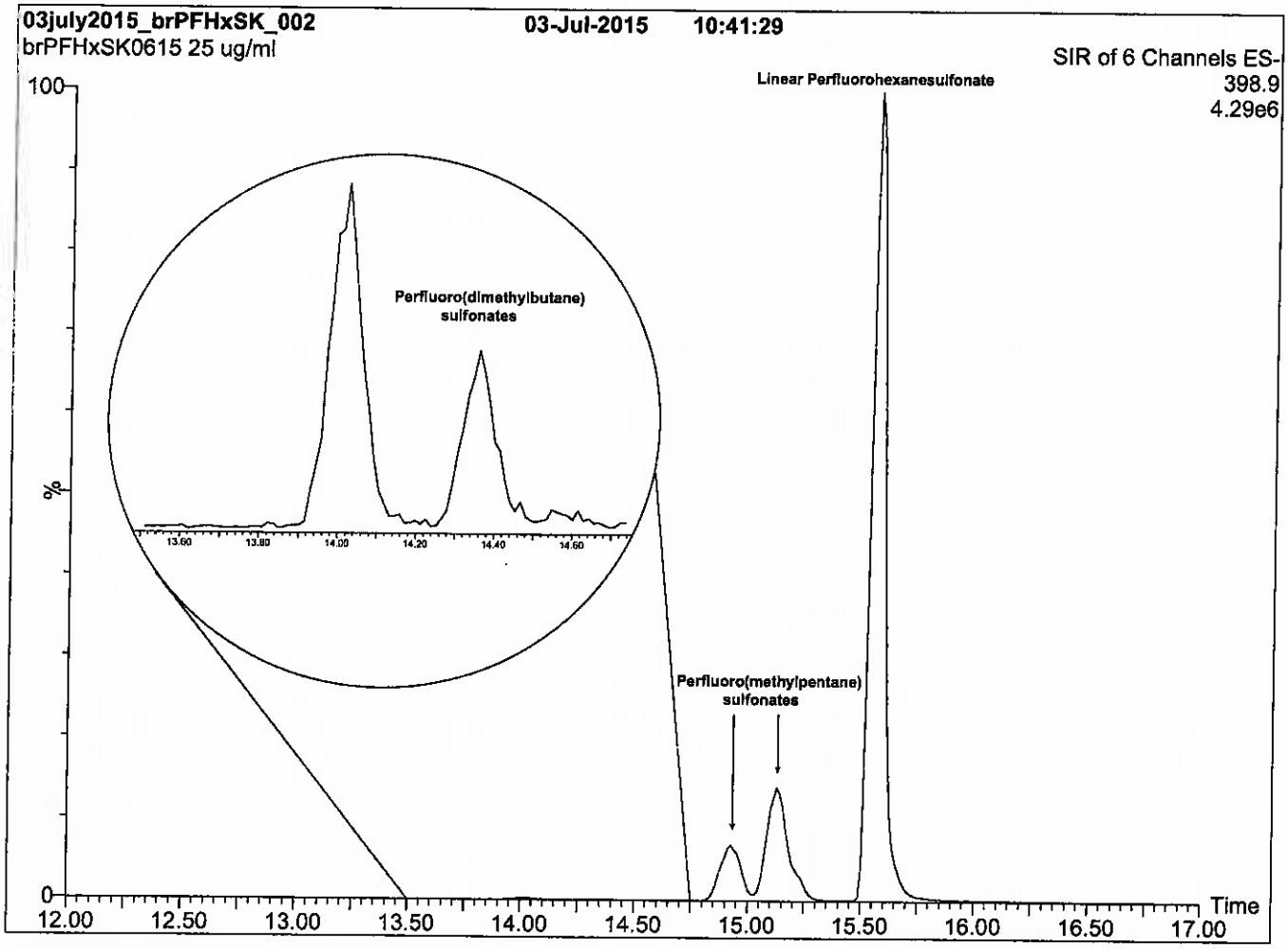
Flow: 300 µl/min

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

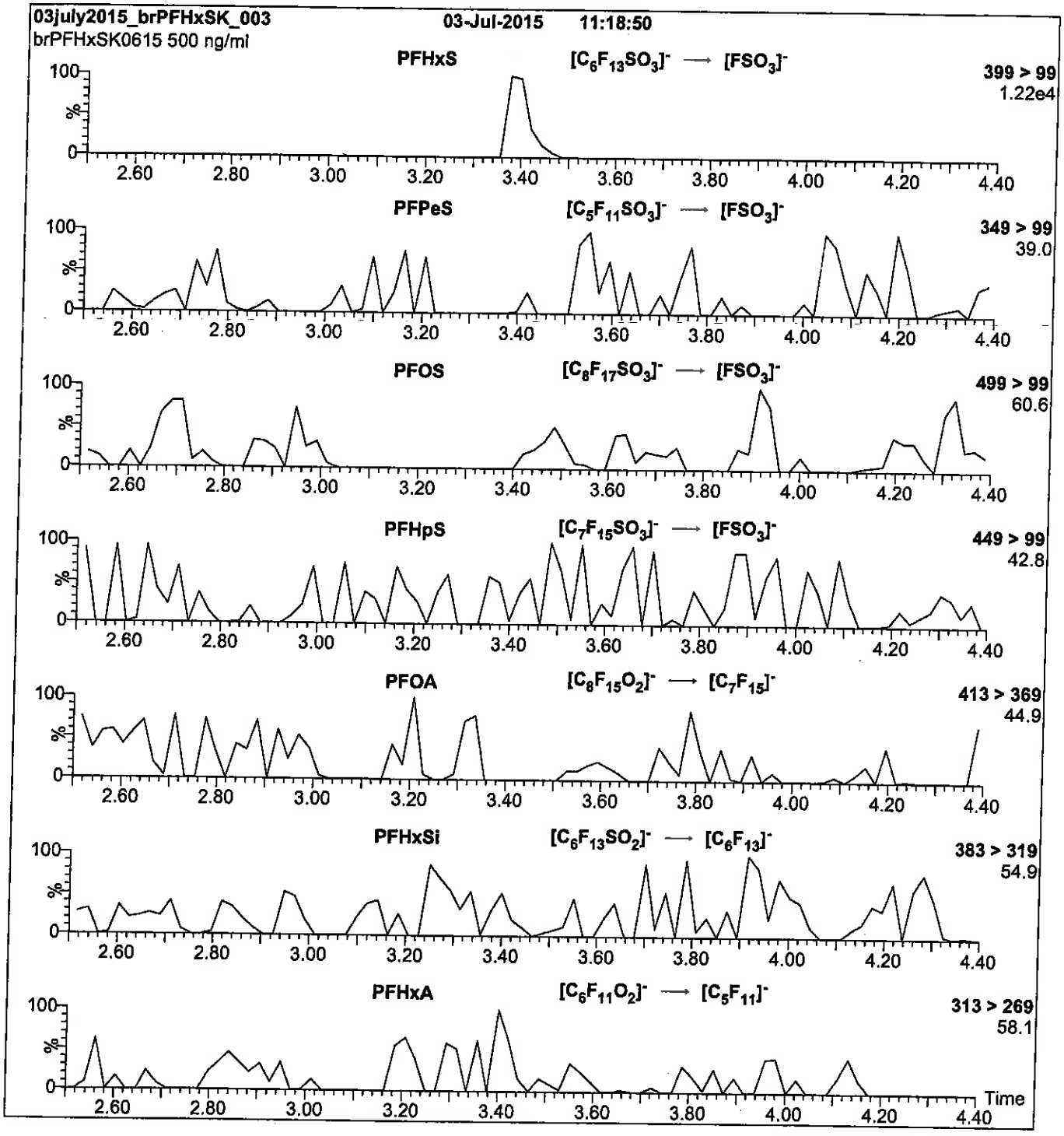
Flow: 300 µl/min

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

LCPFHxS-br_00003

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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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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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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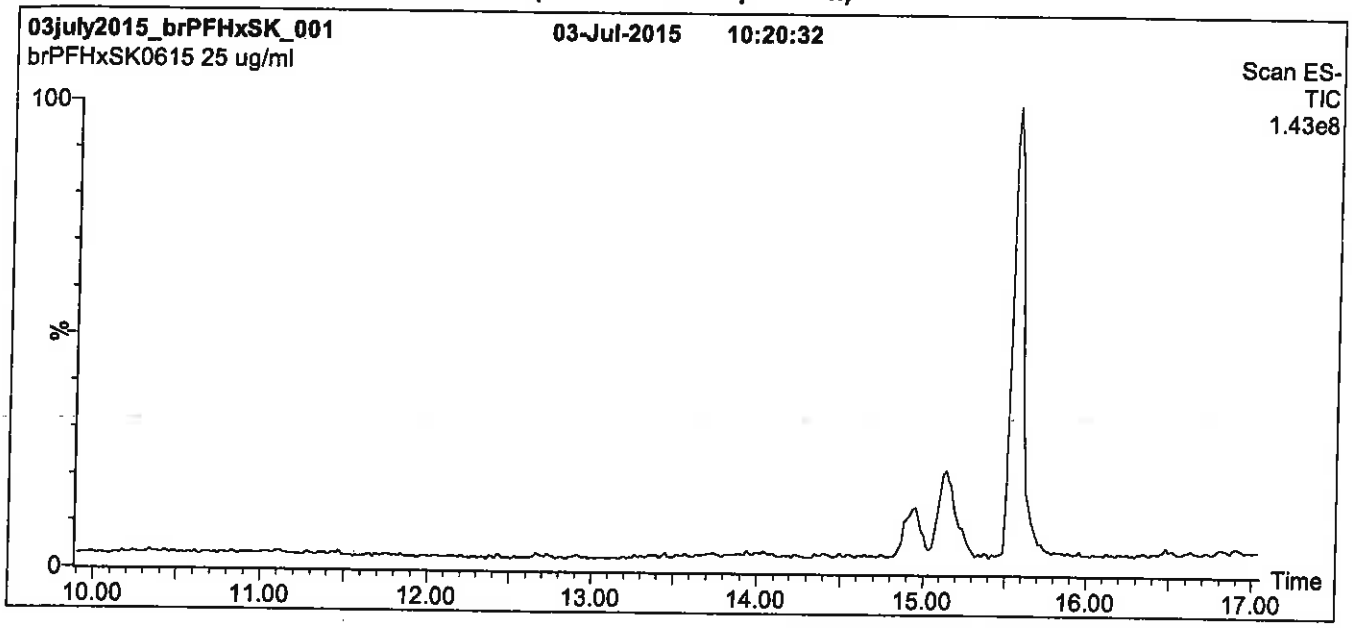
Table A: **br-PFHxSK; Isomeric Components and Percent Composition (by ^{19}F-NMR)***

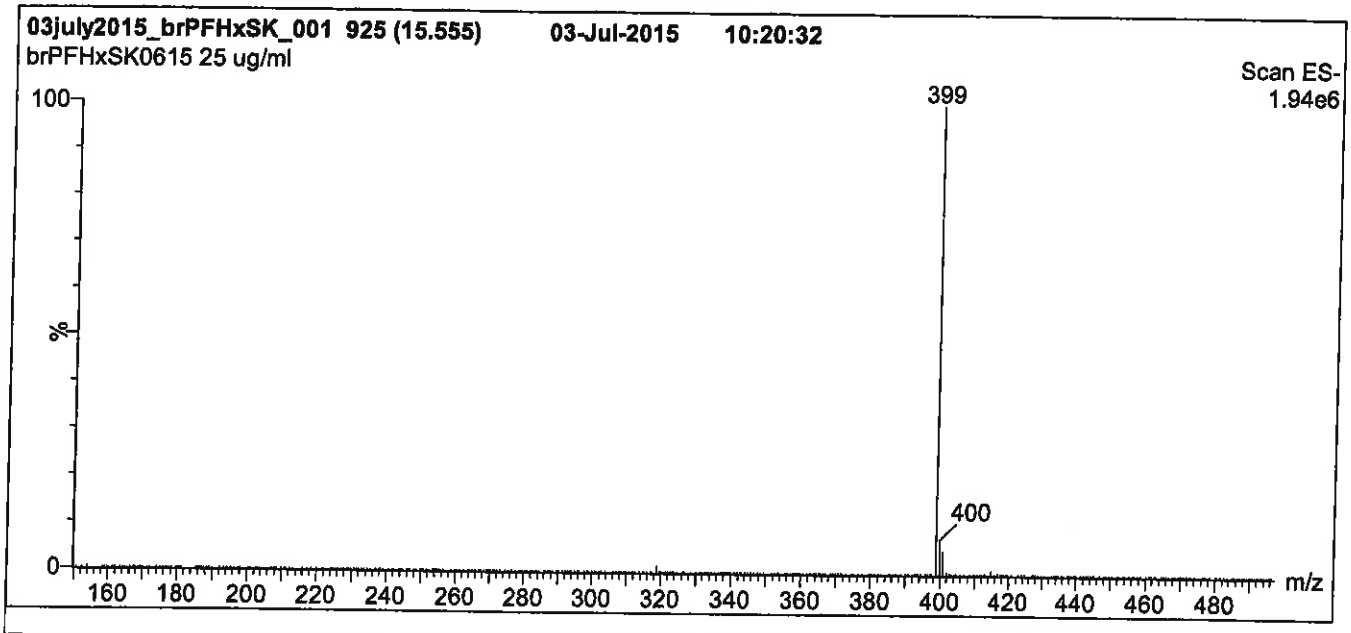
Isomer	Name	Structure	Percent Composition by ^{19}F-NMR
1	Potassium perfluoro-1-hexanesulfonate	$CF_3CF_2CF_2CF_2CF_2CF_2SO_3^-K^+$	81.1
2	Potassium 1-trifluoromethylperfluoropentanesulfonate**	$CF_3CF_2CF_2CF_2CF(CF_3)CF_2SO_3^-K^+$	2.9
3	Potassium 2-trifluoromethylperfluoropentanesulfonate	$CF_3CF_2CF_2CF(CF_3)CF_2CF_2SO_3^-K^+$	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

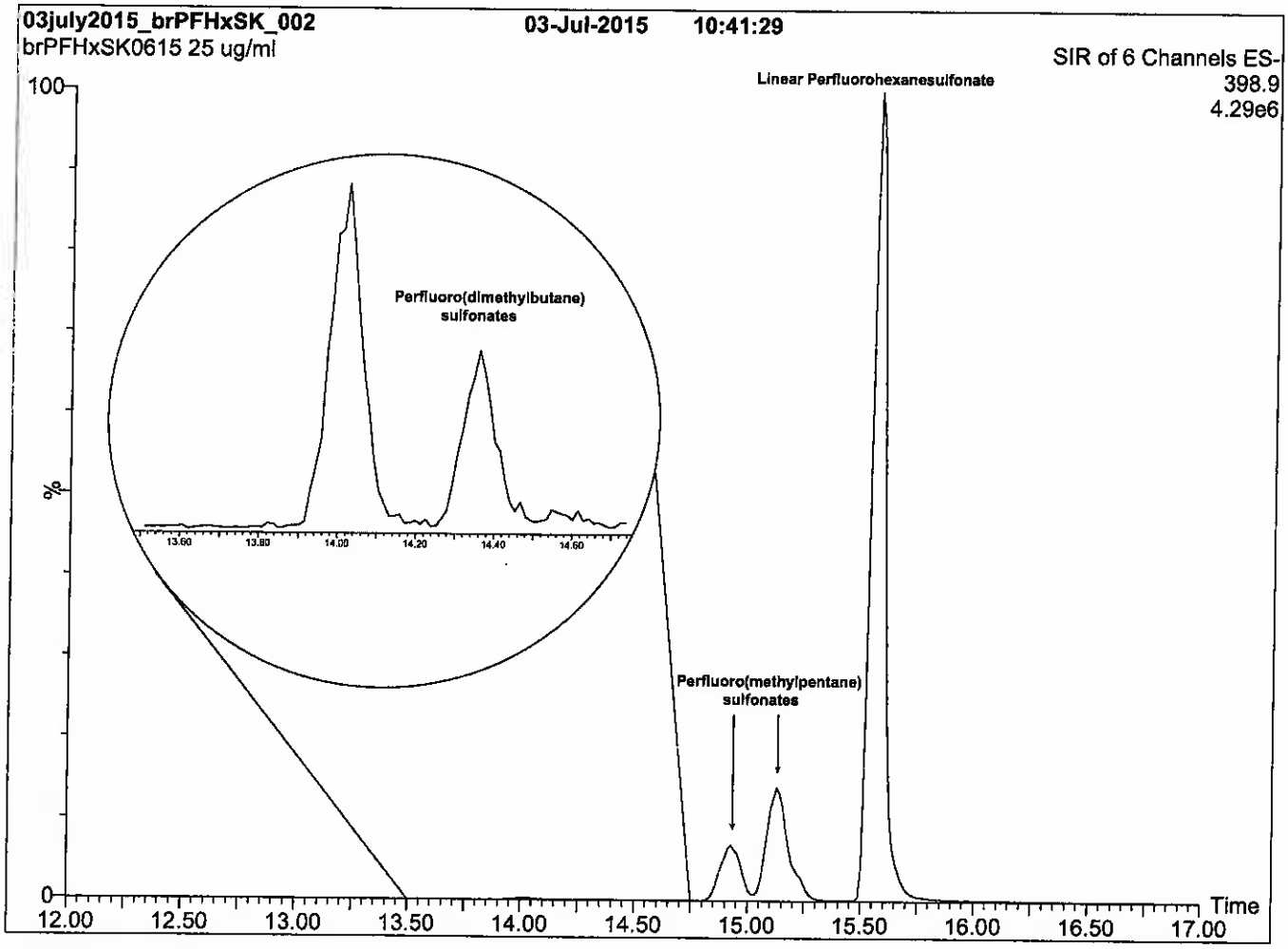
Flow: 300 µl/min

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

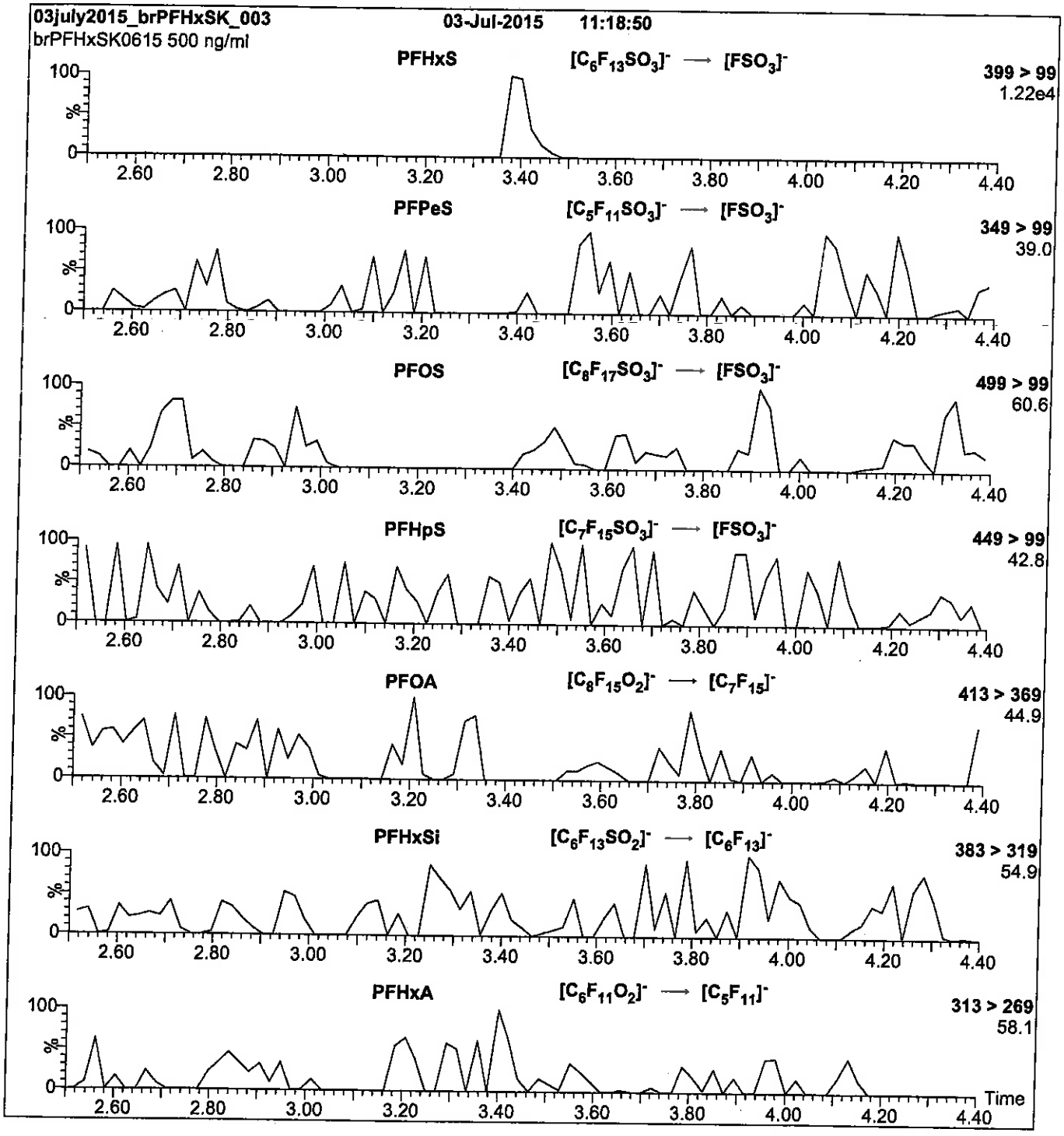
Flow: 300 µl/min

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

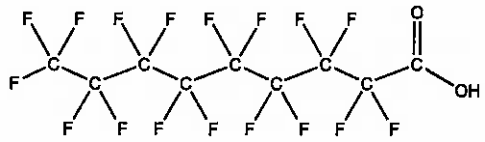
730559
ID: LCPFNA_00006
Exp: 10/23/20 Prpd: SBC
PF-n-nonanoic acid

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:

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HAZARDS:

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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.

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UNCERTAINTY:

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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.

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LIMITED WARRANTY:

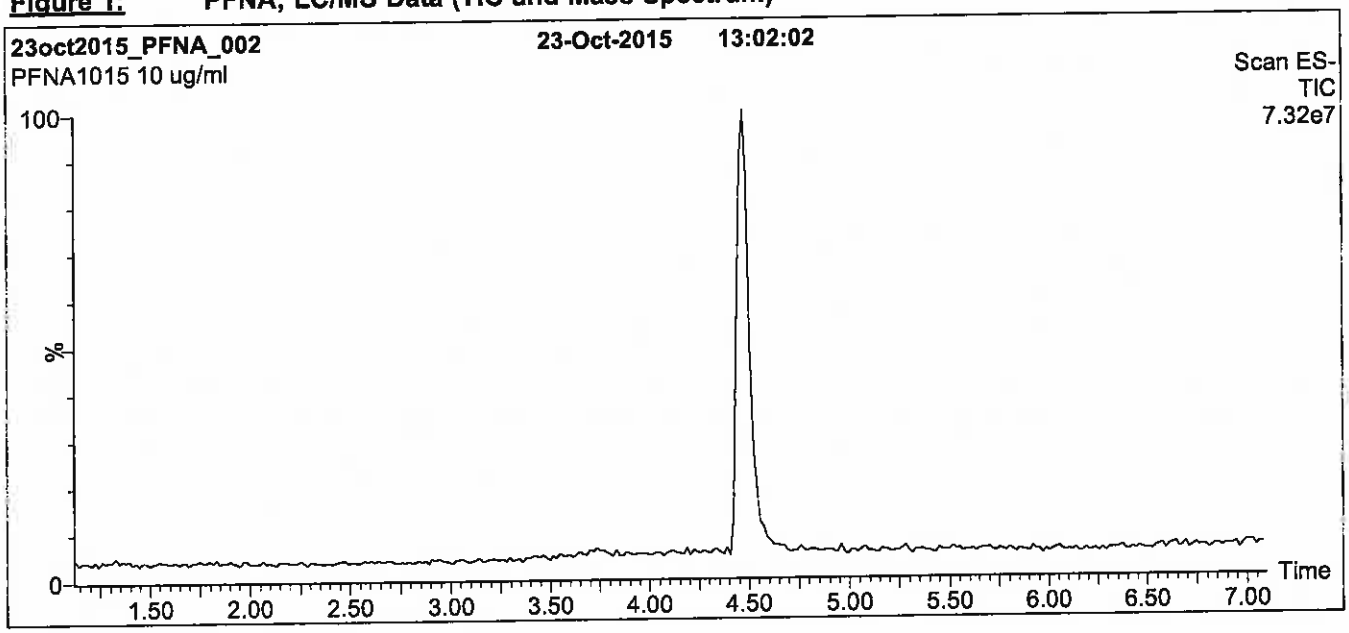
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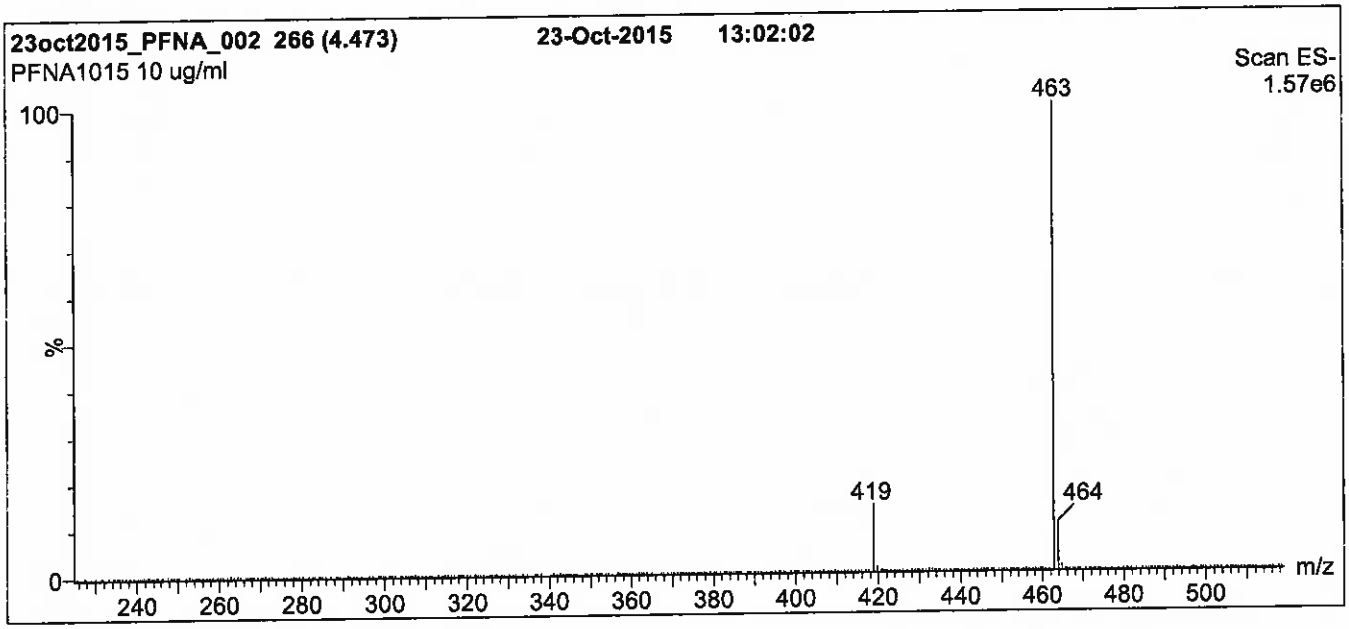
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Figure 1: **PFNA; LC/MS Data (TIC and Mass Spectrum)**





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

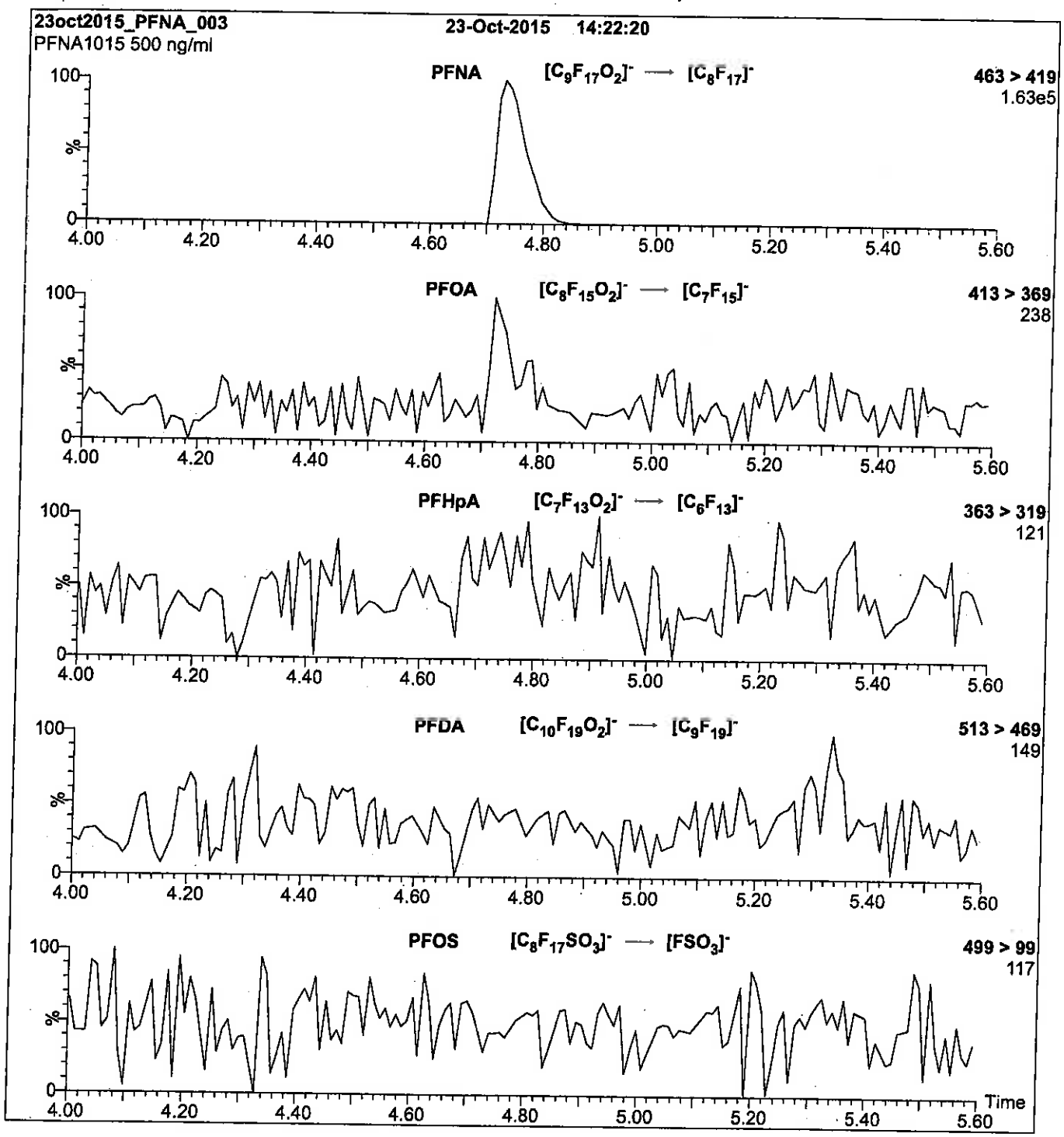
Flow: 300 µl/min

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)
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

LCPFNA_00007

R: SBC 9/13/16
Scanned 10/14/16

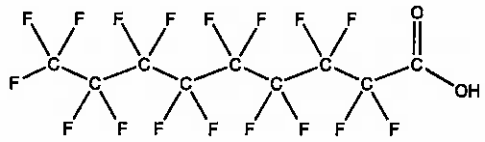
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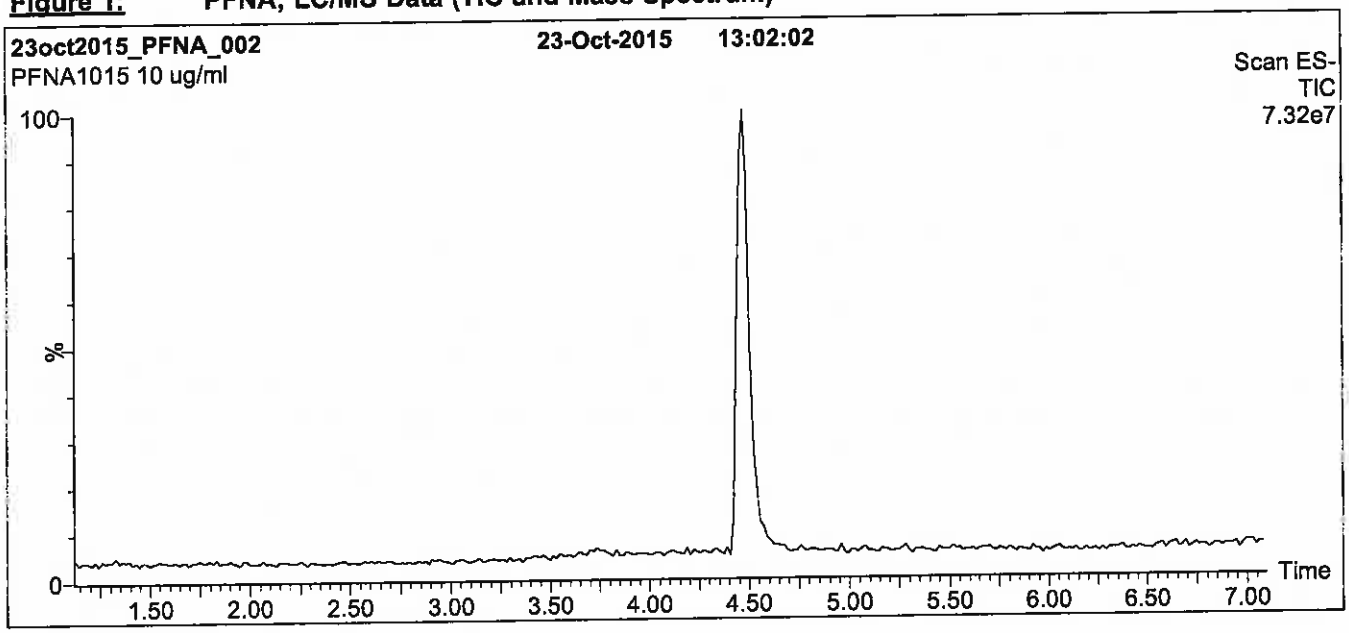
At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

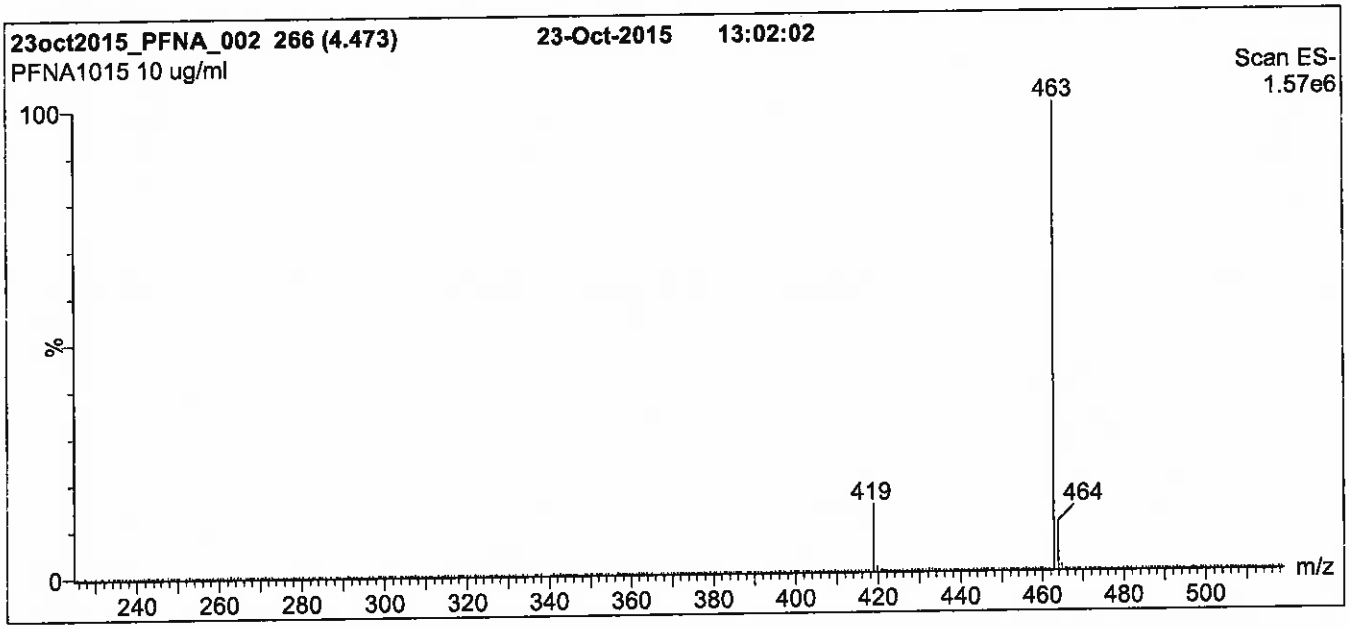
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Figure 1: **PFNA; LC/MS Data (TIC and Mass Spectrum)**





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

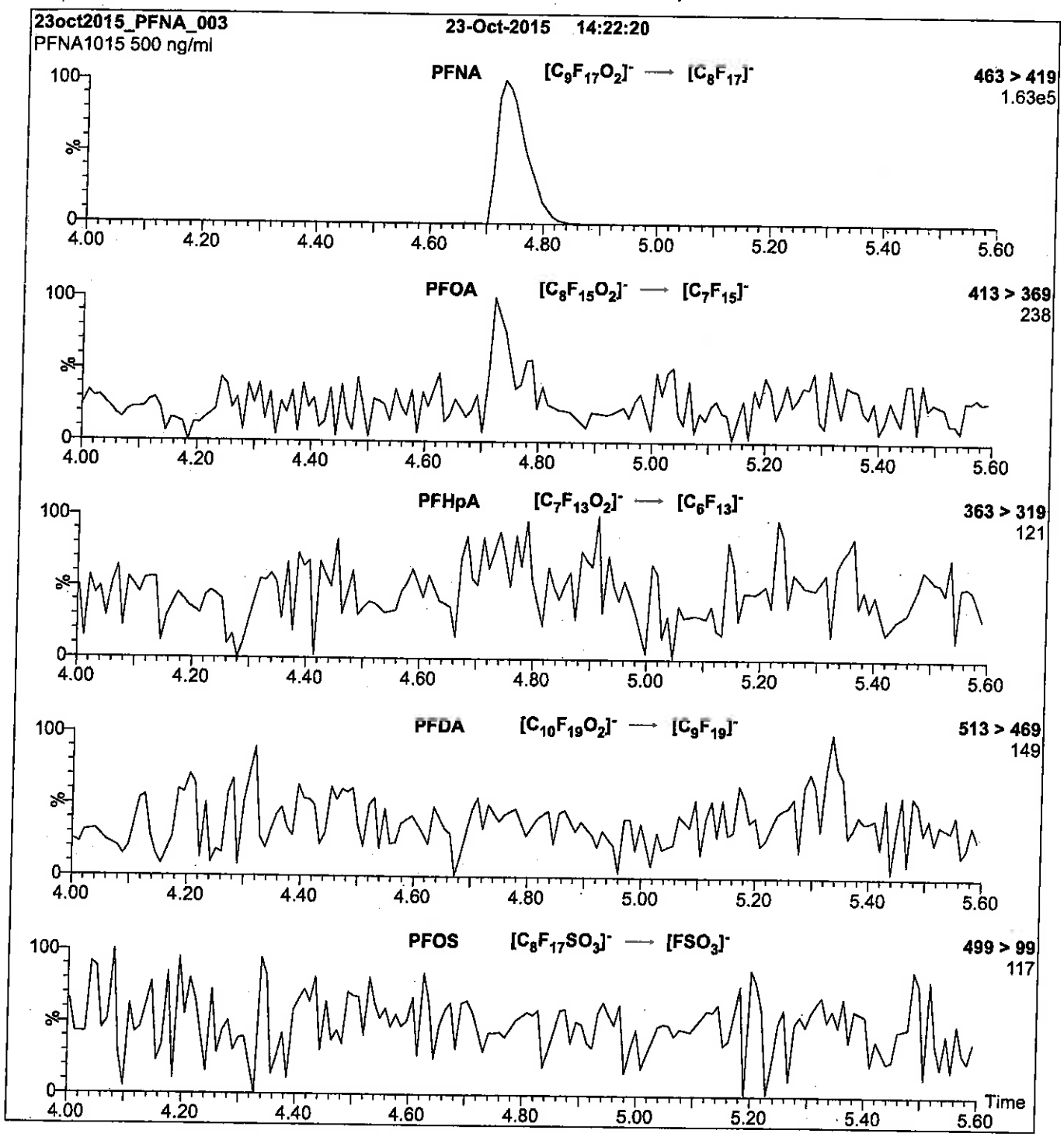
Flow: 300 µl/min

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)

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

LCPFOA_00006

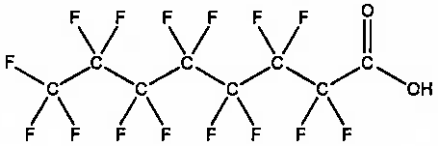
R-7/6/16 CBW

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

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:

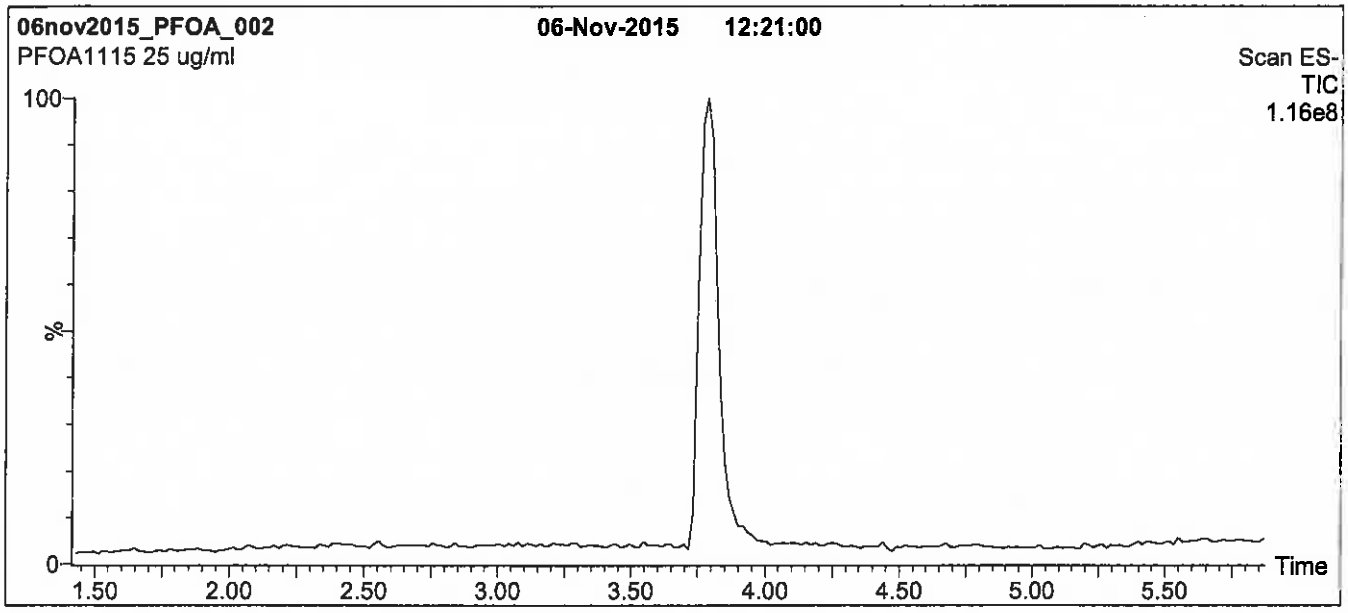
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

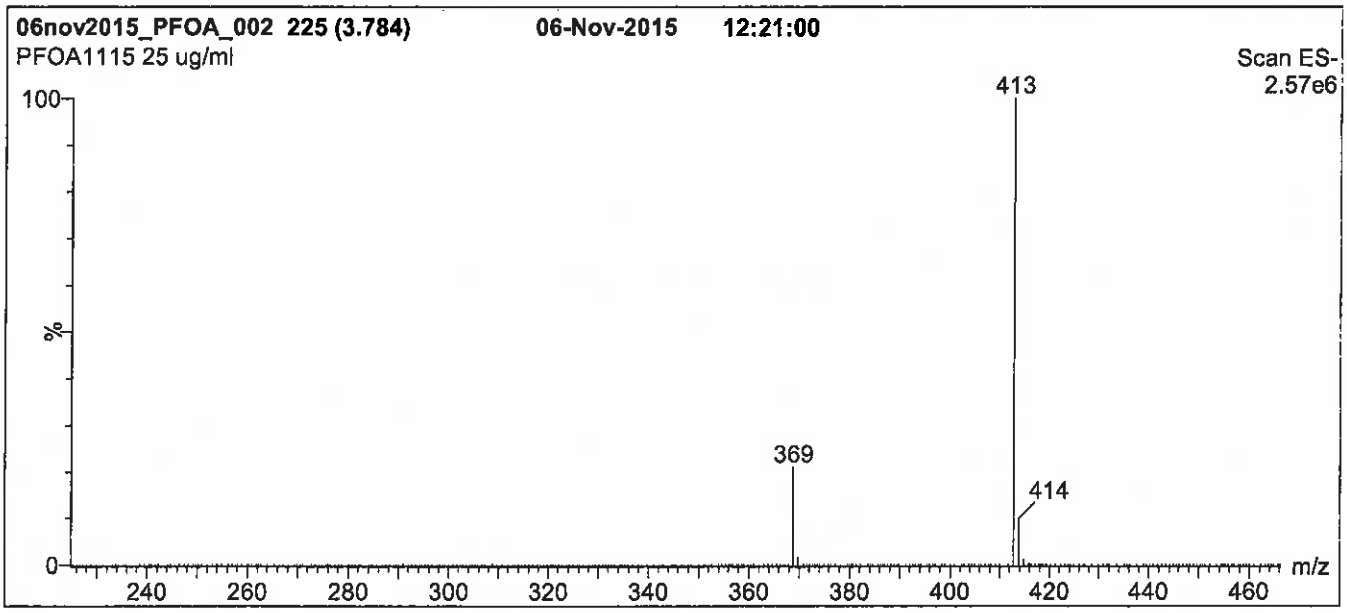
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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: **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

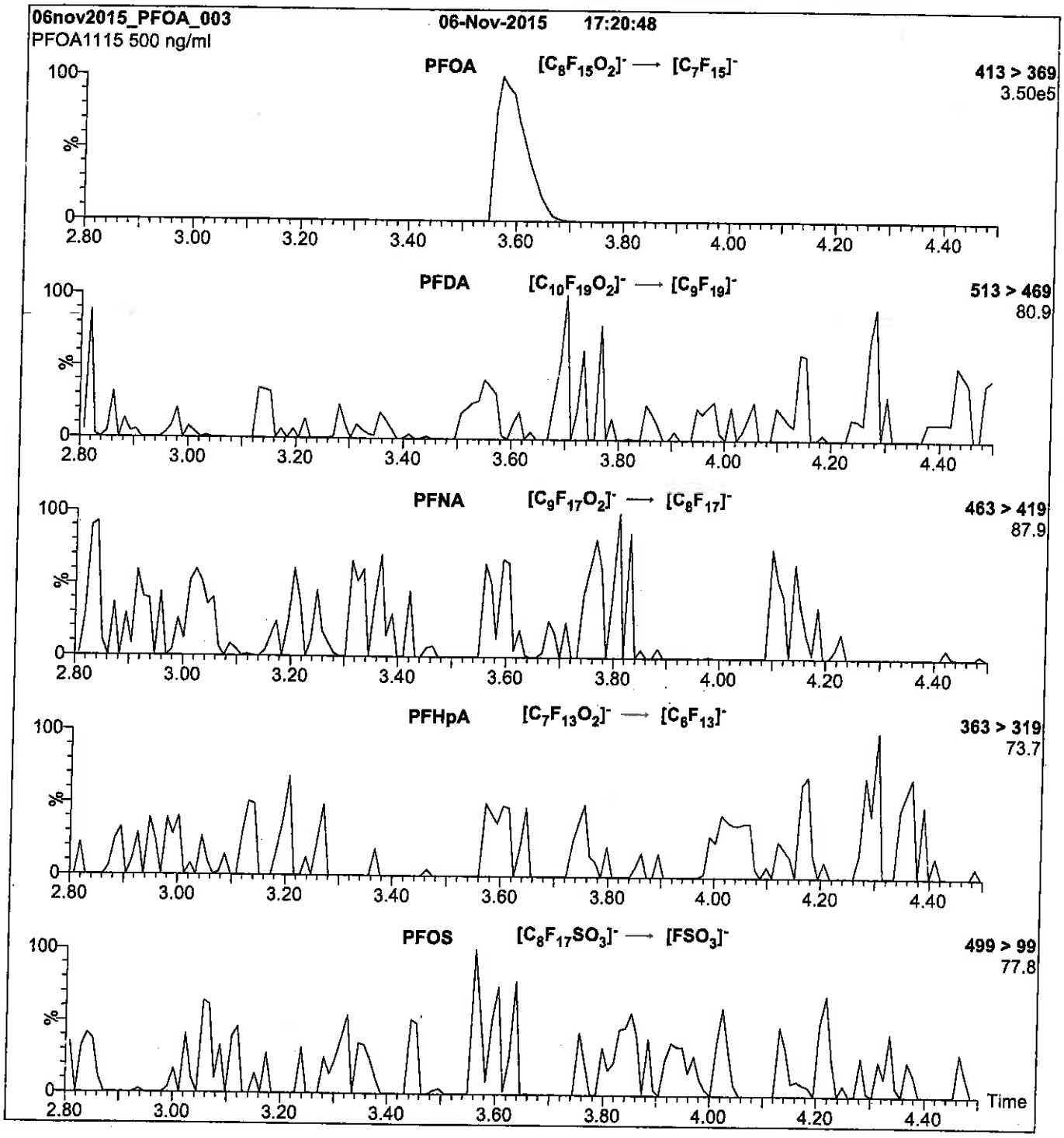
Flow: 300 µl/min

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

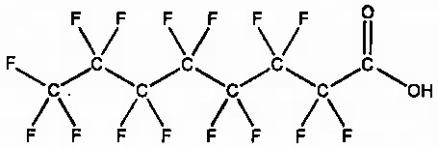
LCPFOA_00007

r: 12/24/16 SPV

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE:	PFOA	**LOT NUMBER:**	PFOA0716
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)	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

INTENDED USE:

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HAZARDS:

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SYNTHESIS / CHARACTERIZATION:

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LIMITED WARRANTY:

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QUALITY MANAGEMENT:

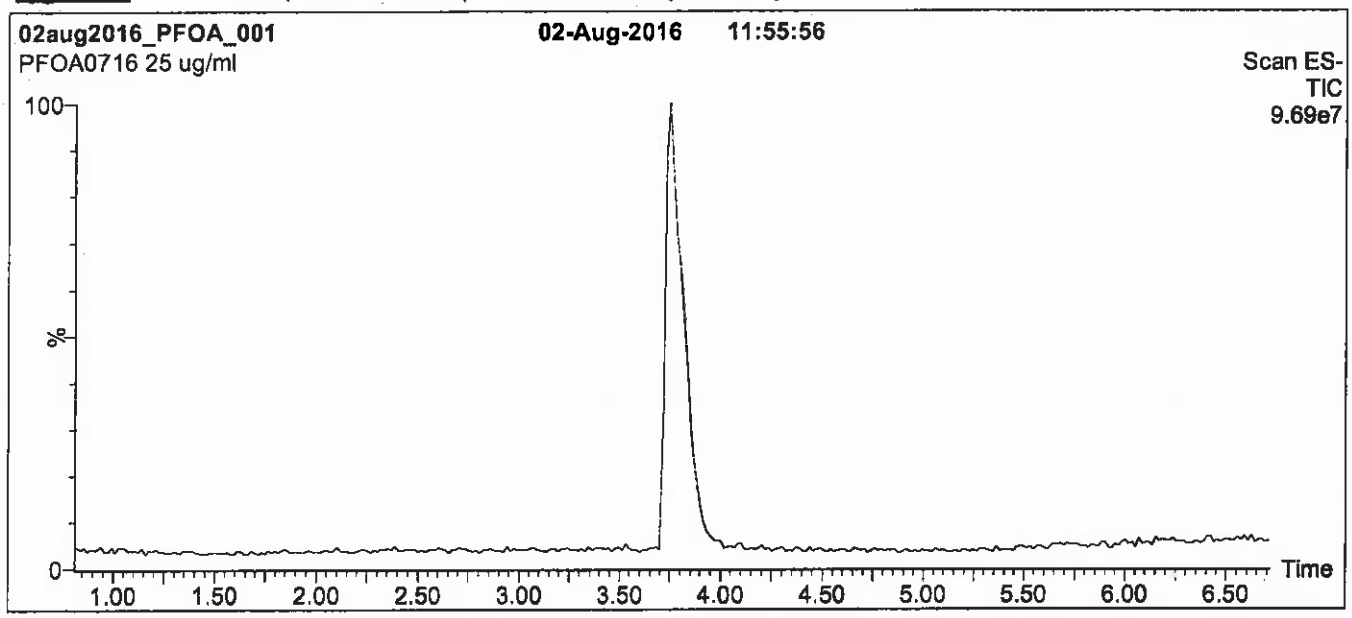
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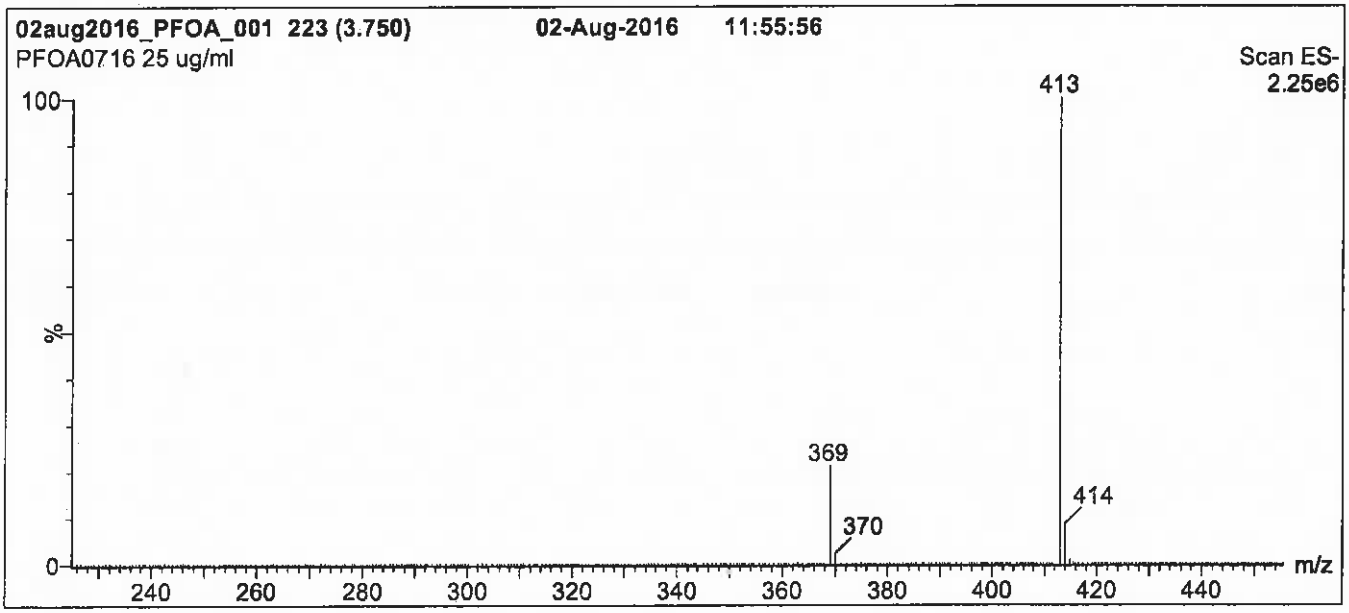
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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Figure 1: **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

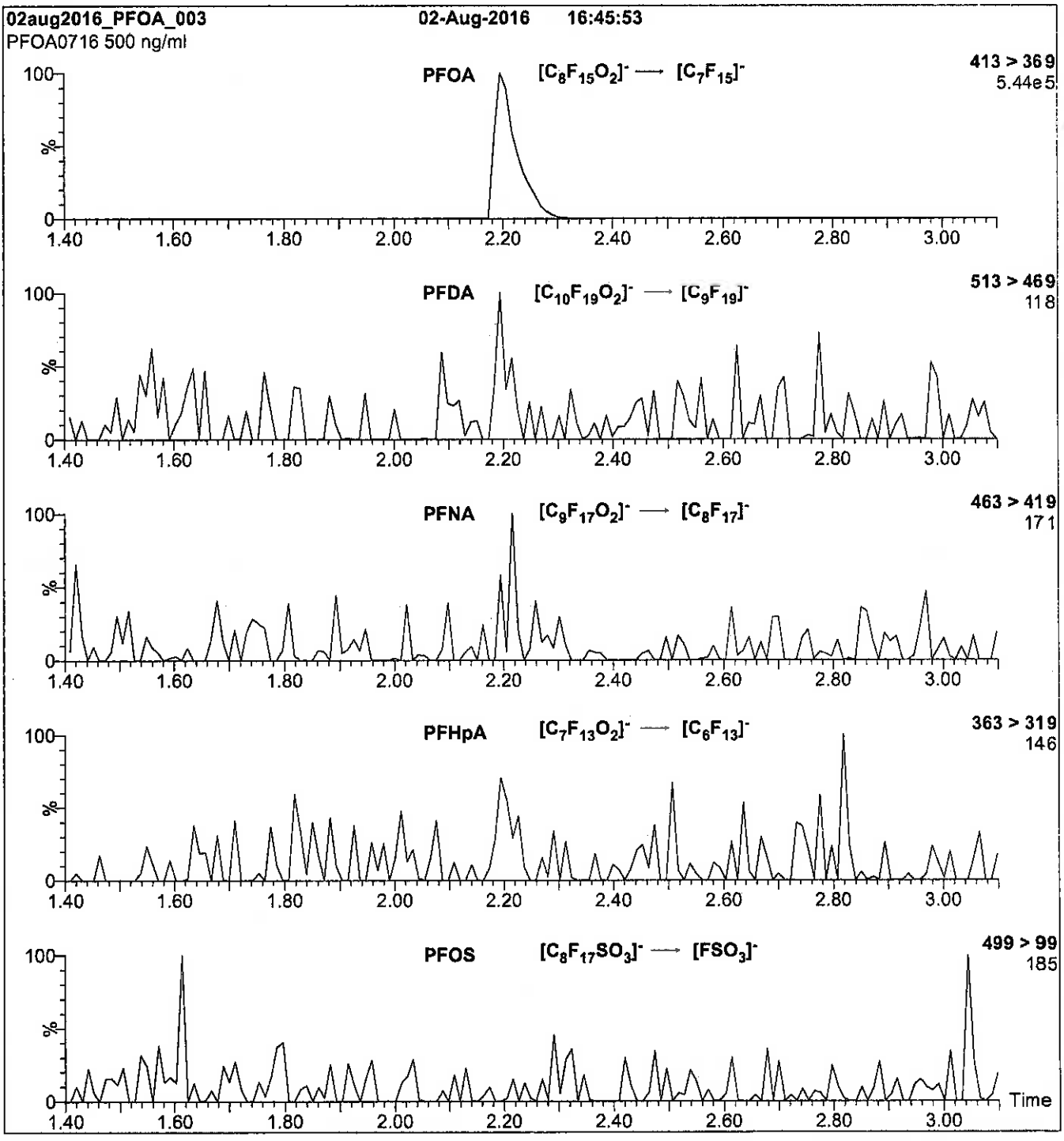
Flow: 300 µl/min

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

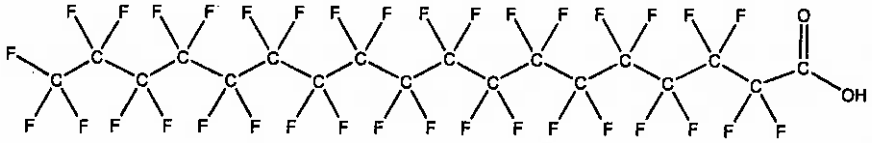
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: PFODA
COMPOUND: Perfluoro-n-octadecanoic acid

LOT NUMBER: PFODA0416

STRUCTURE:

CAS #: 16517-11-6



MOLECULAR FORMULA: $C_{18}HF_{35}O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 914.14
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:

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Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
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FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

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

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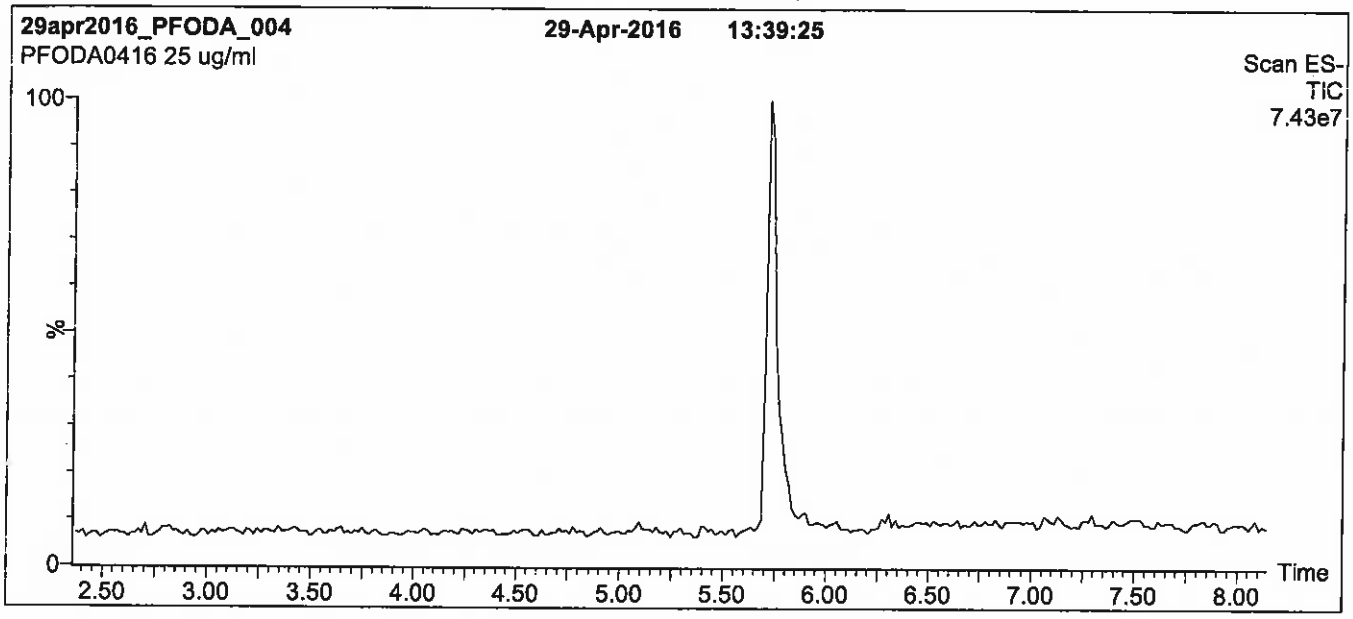
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

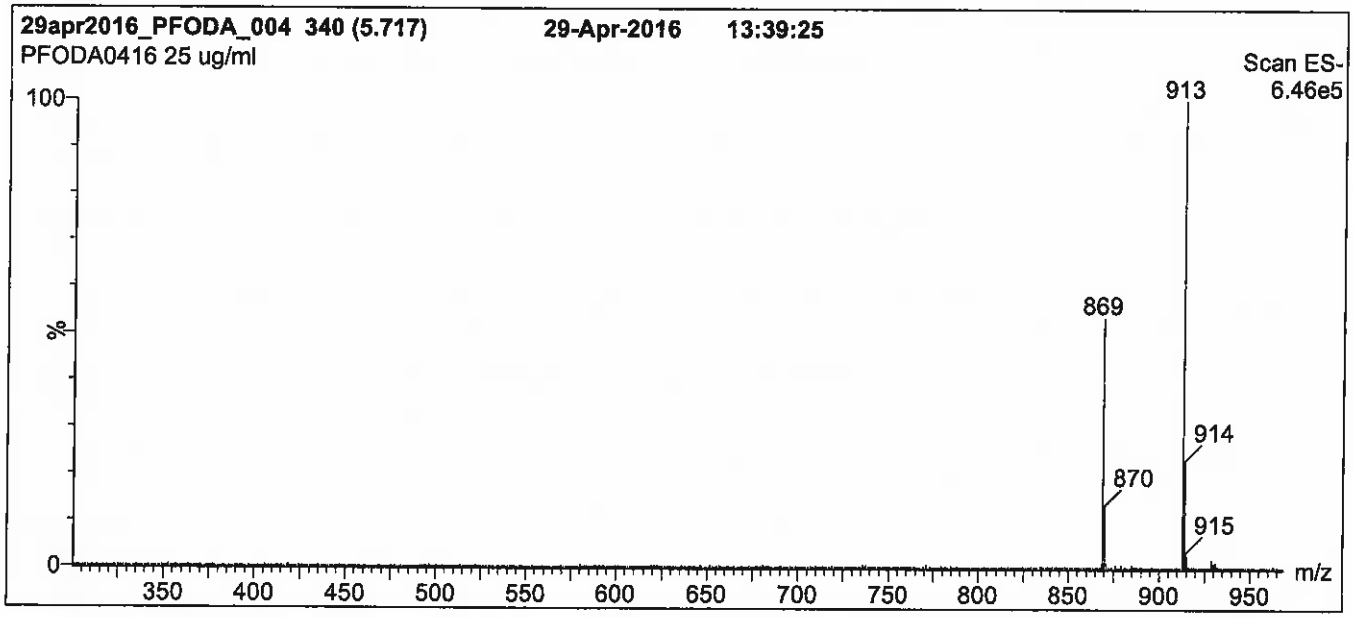
CALA Testing A1226

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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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

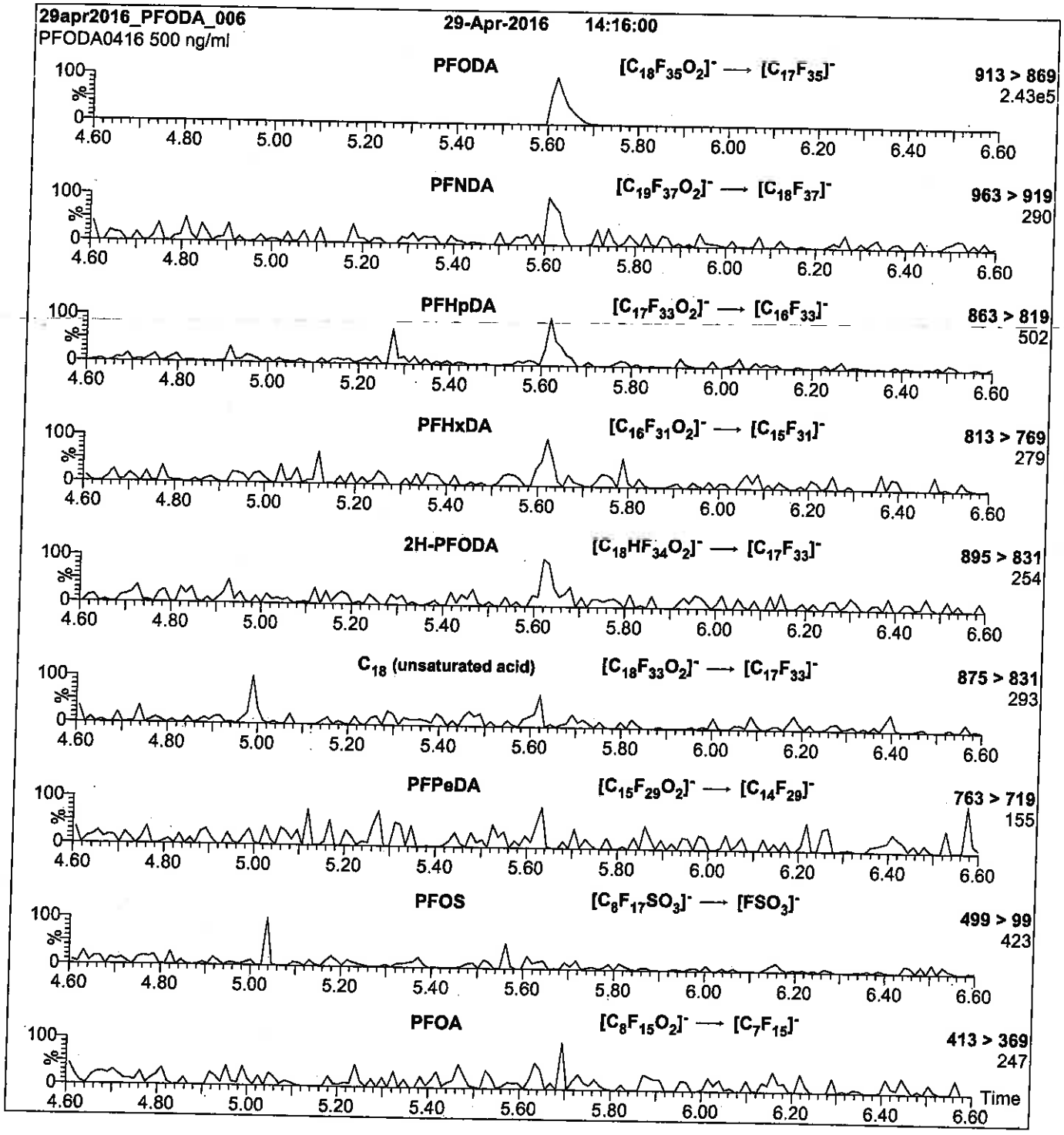
Flow: 300 µl/min

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

LCPFODA_00007

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

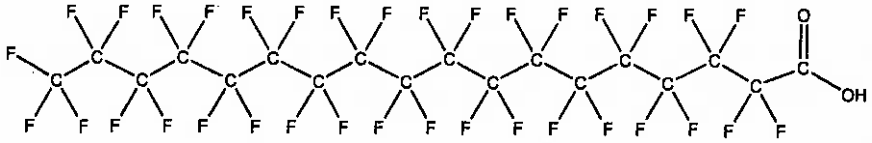
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: PFODA
COMPOUND: Perfluoro-n-octadecanoic acid

LOT NUMBER: PFODA0416

STRUCTURE:

CAS #: 16517-11-6



MOLECULAR FORMULA: $C_{18}HF_{35}O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 914.14
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.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

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

Form#:27, Issued 2004-11-10
Revision#:3, Revised 2015-03-24

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:

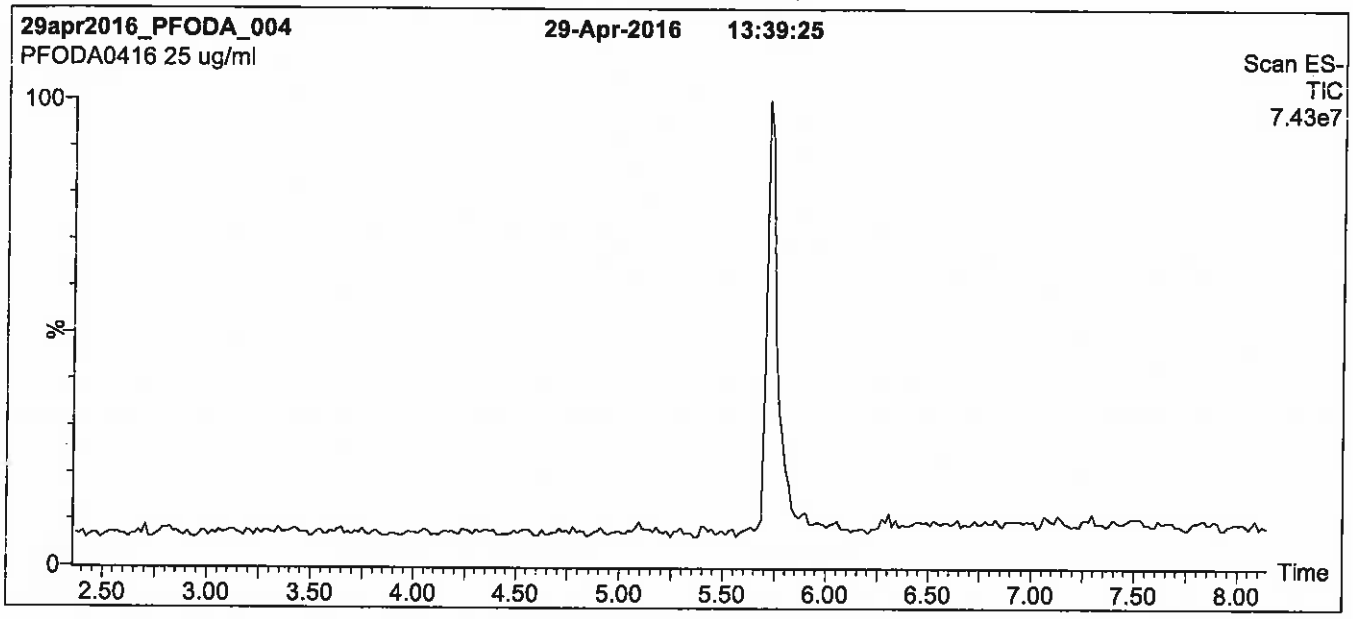
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

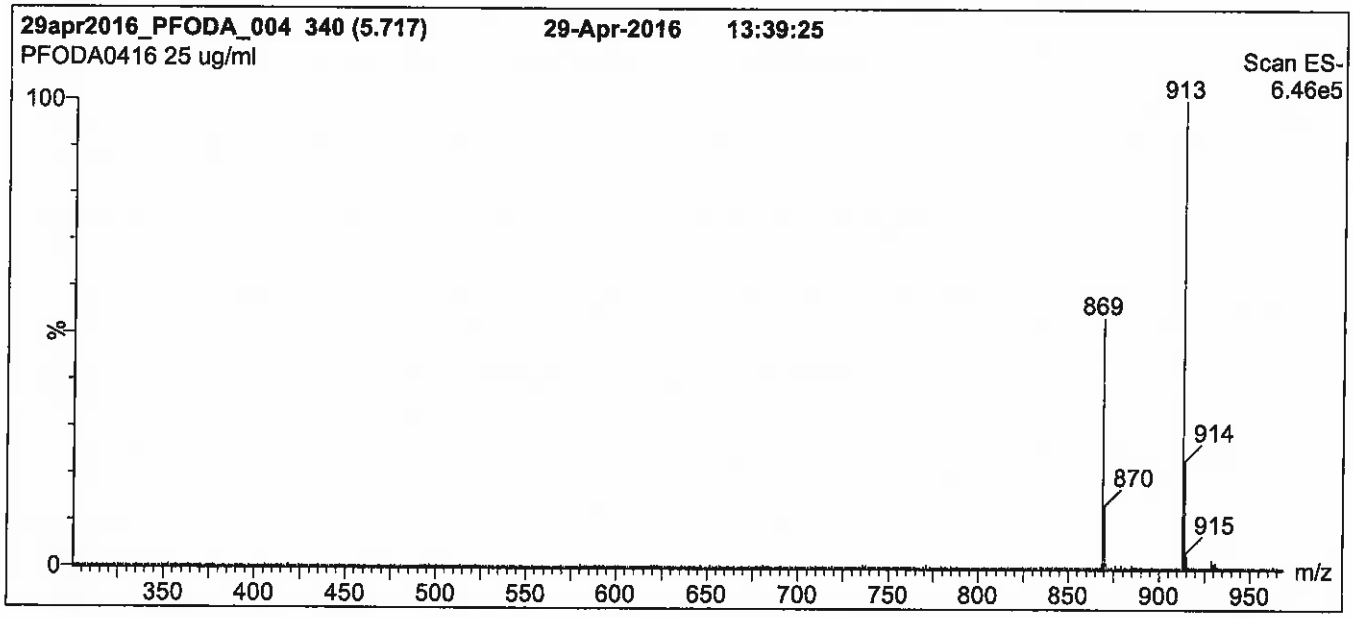
CALA Testing A1226

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: **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

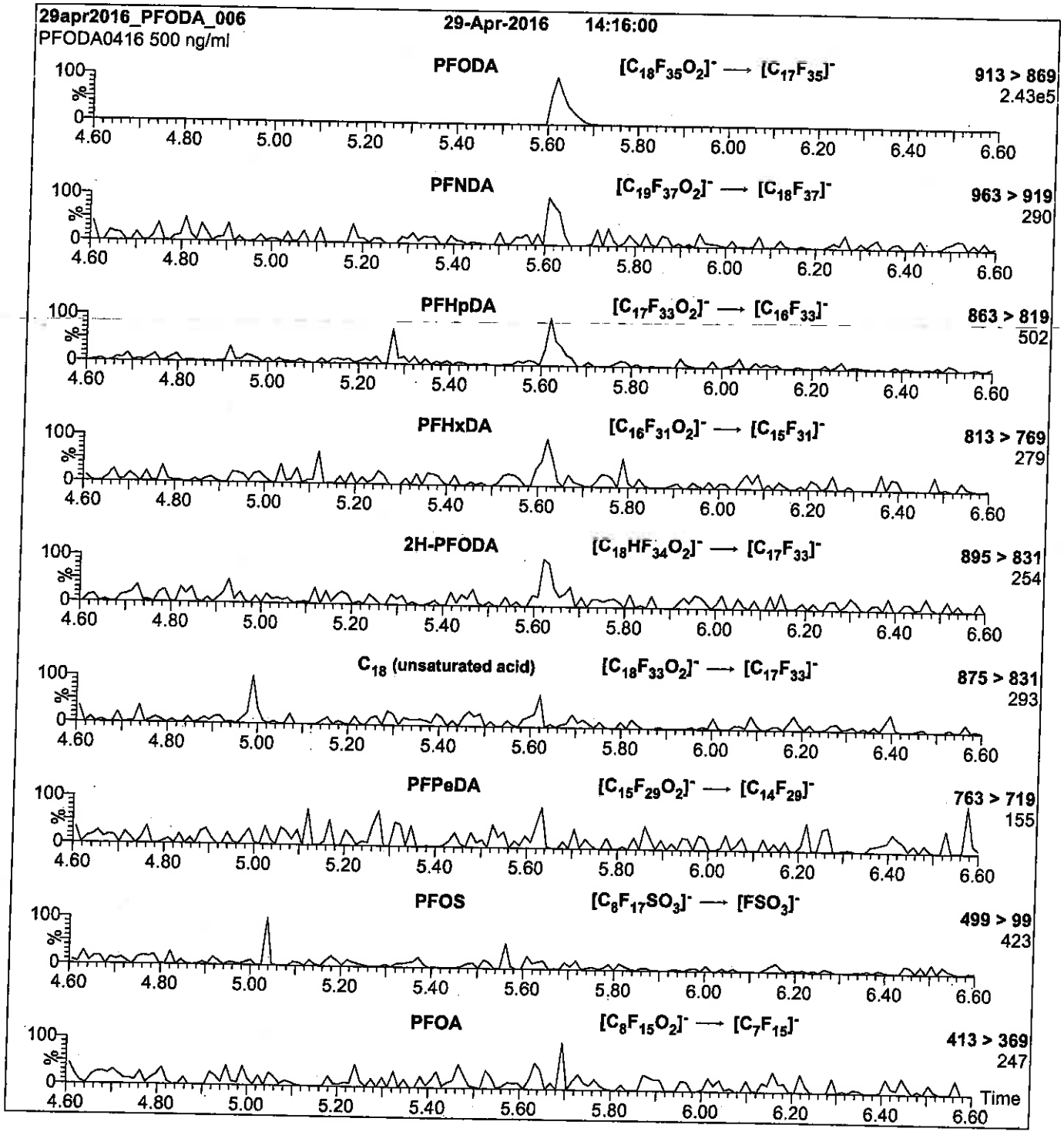
Flow: 300 µl/min

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).

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

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519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

INTENDED USE:

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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).

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

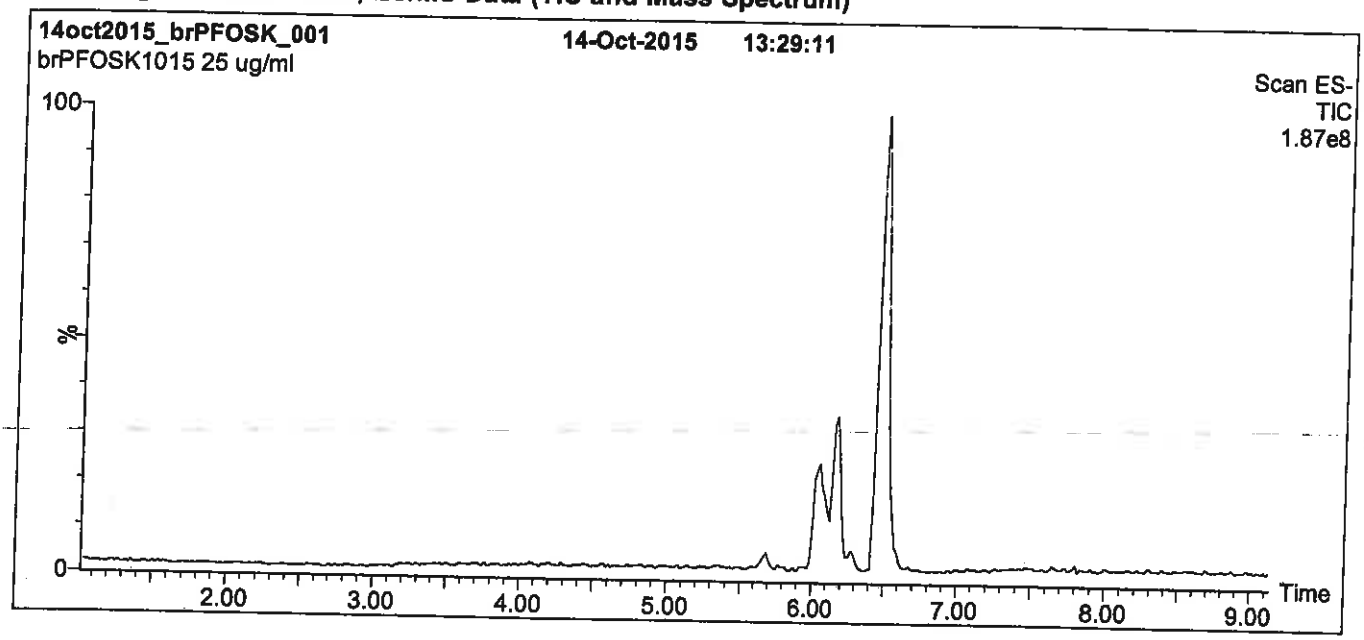
Table A: **br-PFOSK; Isomeric Components and Percent Composition (by ^{19}F-NMR)***

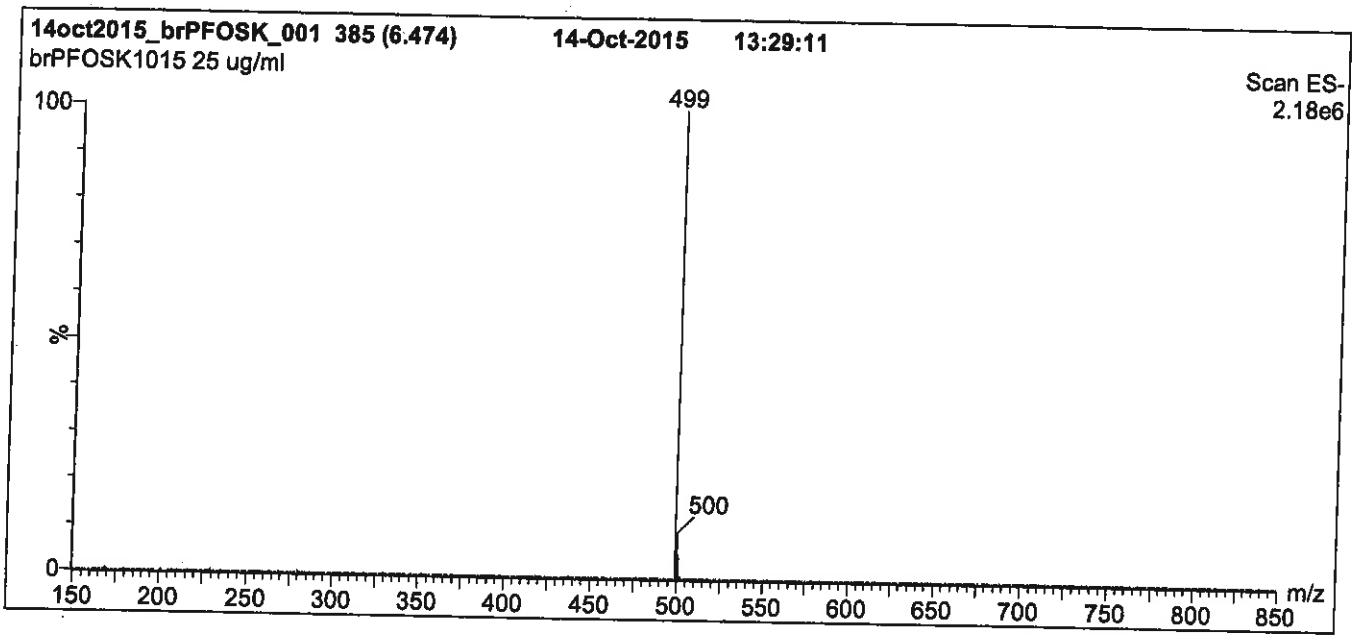
Isomer	Name	Structure	Percent Composition by ^{19}F-NMR
1	Potassium perfluoro-1-octanesulfonate	$CF_3CF_2CF_2CF_2CF_2CF_2CF_2CF_2SO_3^-K^+$	78.8
2	Potassium 1-trifluoromethylperfluoroheptanesulfonate**	$CF_3CF_2CF_2CF_2CF_2CF_2CFSO_3^-K^+$ (CF$_3$ branch)	1.2
3	Potassium 2-trifluoromethylperfluoroheptanesulfonate	$CF_3CF_2CF_2CF_2CF_2CFCF_2SO_3^-K^+$ (CF$_3$ branch)	0.6
4	Potassium 3-trifluoromethylperfluoroheptanesulfonate	$CF_3CF_2CF_2CF_2CFCF_2CF_2SO_3^-K^+$ (CF$_3$ branch)	1.9
5	Potassium 4-trifluoromethylperfluoroheptanesulfonate	$CF_3CF_2CF_2CFCF_2CF_2CF_2SO_3^-K^+$ (CF$_3$ branch)	2.2
6	Potassium 5-trifluoromethylperfluoroheptanesulfonate	$CF_3CF_2CFCF_2CF_2CF_2CF_2SO_3^-K^+$ (CF$_3$ branch)	4.5
7	Potassium 6-trifluoromethylperfluoroheptanesulfonate	$CF_3CFCF_2CF_2CF_2CF_2CF_2SO_3^-K^+$ (CF$_3$ branch)	10.0
8	Potassium 5,5-di(trifluoromethyl)perfluorohexanesulfonate	$CF_3-C(CF_3)CF_2CF_2CF_2CF_2SO_3^-K^+$	0.2
9	Potassium 4,4-di(trifluoromethyl)perfluorohexanesulfonate	$CF_3CF_2-C(CF_3)-CF_2CF_2CF_2SO_3^-K^+$	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: _____ **Date:** 10/15/2015
B.G. Chittim (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

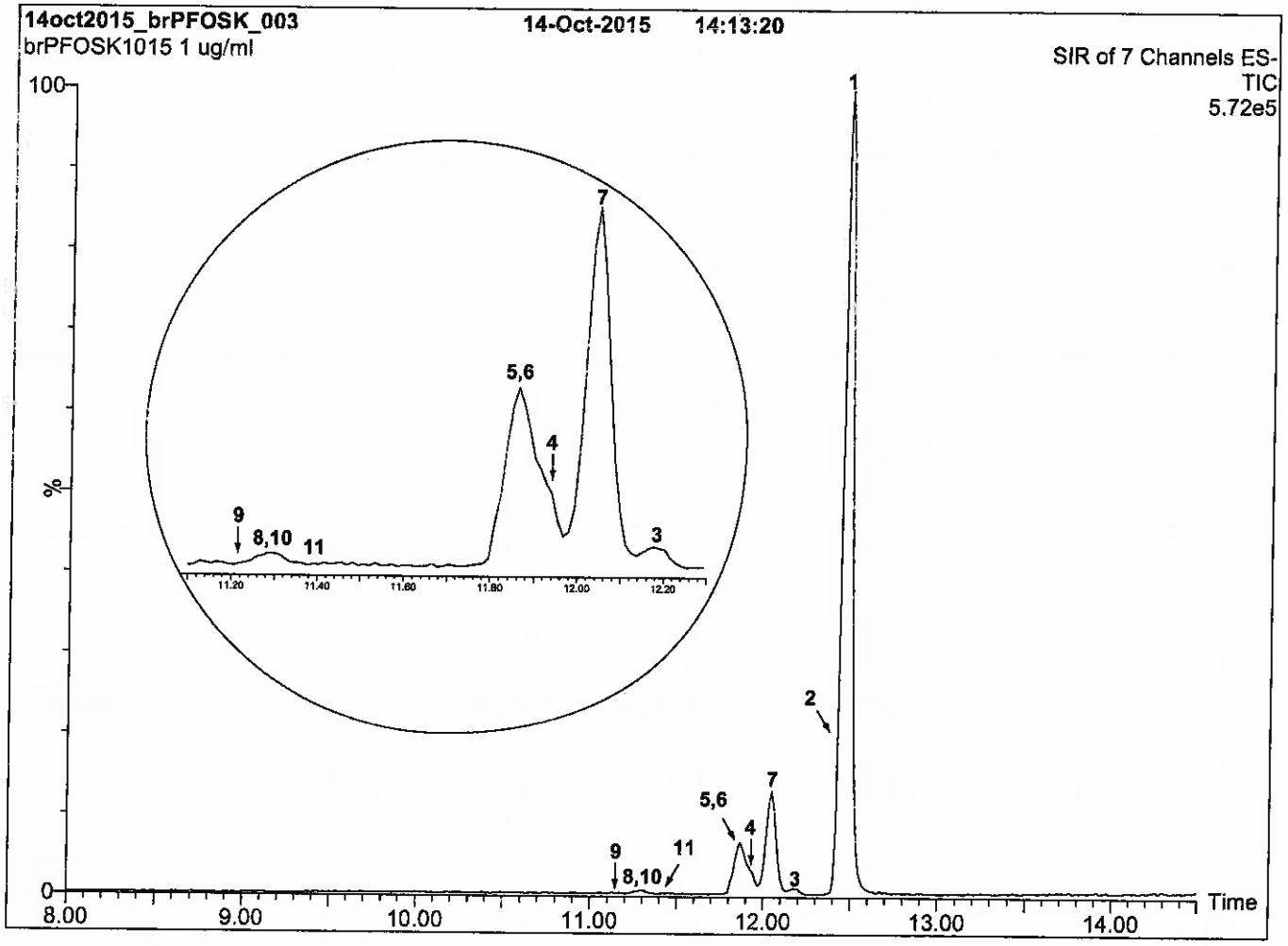
Flow: 300 µl/min

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

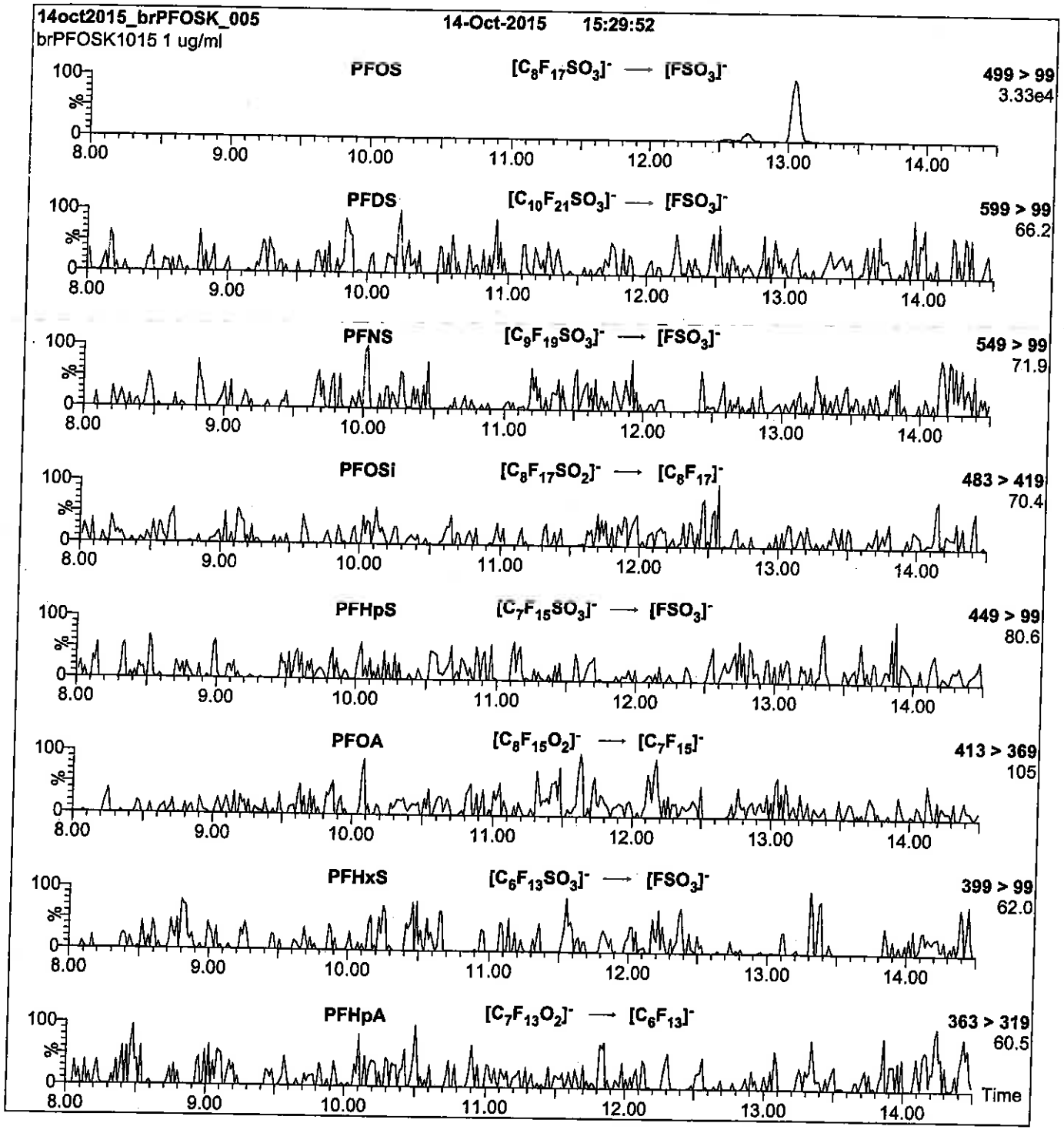
Mobile Phase: Gradient
45% (80:20 MeOH:ACN) / 55% H_2O (both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 15 min and hold for 3 min.
Return to initial conditions over 1 min.
Time: 20 min

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

LCPFOS-br_00003

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).

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

INTENDED USE:

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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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LIMITED WARRANTY:

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CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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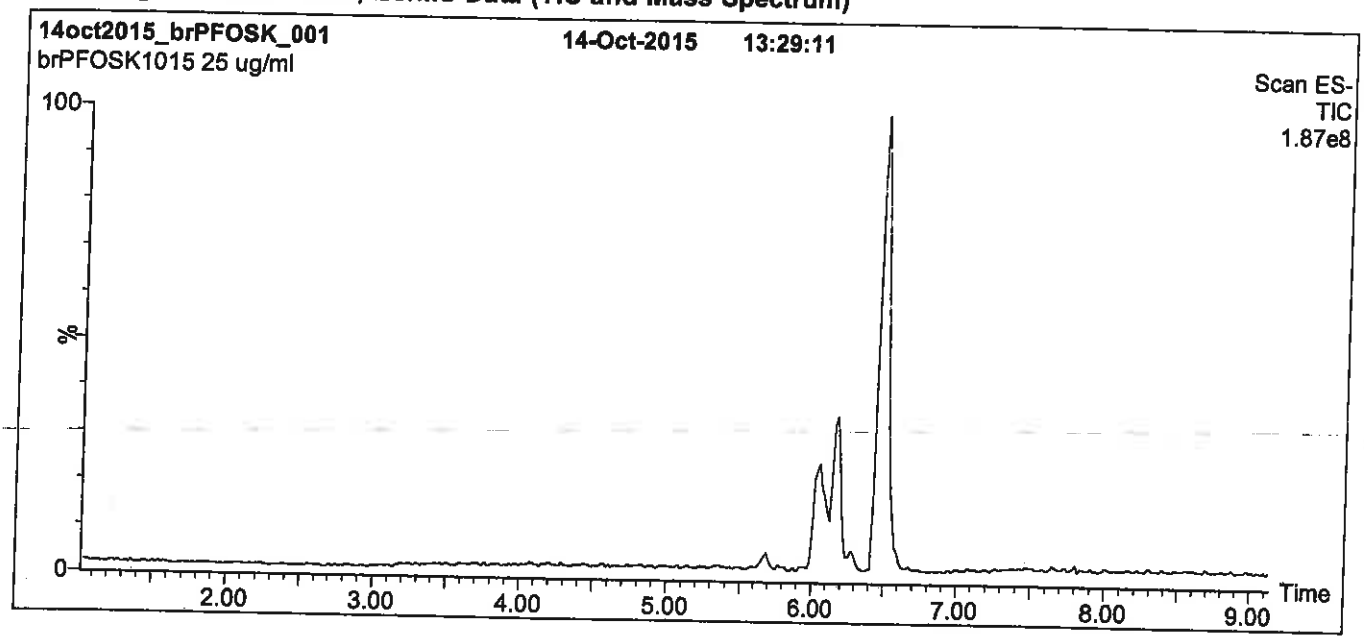
Table A: **br-PFOSK; Isomeric Components and Percent Composition (by ^{19}F-NMR)***

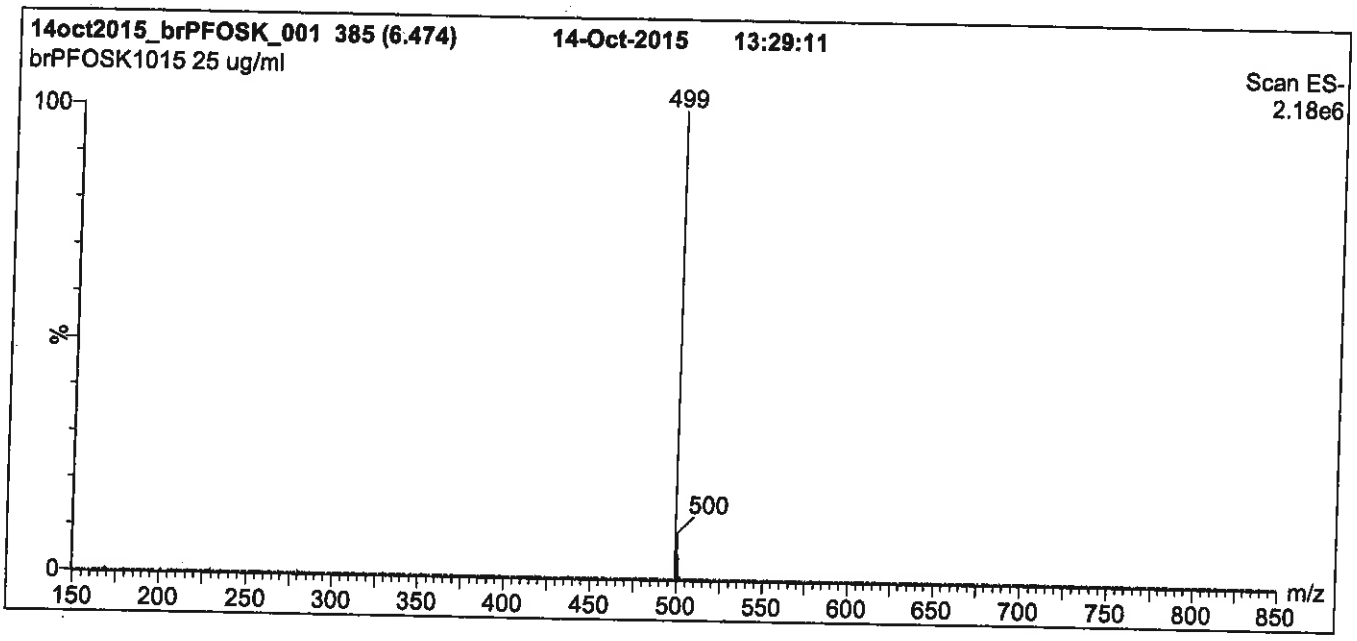
Isomer	Name	Structure	Percent Composition by ^{19}F-NMR
1	Potassium perfluoro-1-octanesulfonate	$CF_3CF_2CF_2CF_2CF_2CF_2CF_2CF_2SO_3^-K^+$	78.8
2	Potassium 1-trifluoromethylperfluoroheptanesulfonate**	$CF_3CF_2CF_2CF_2CF_2CF_2CF(CF_3)SO_3^-K^+$	1.2
3	Potassium 2-trifluoromethylperfluoroheptanesulfonate	$CF_3CF_2CF_2CF_2CF_2CF(CF_3)CF_2SO_3^-K^+$	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	$CF_3-C(CF_3)CF_2CF_2CF_2CF_2SO_3^-K^+$	0.2
9	Potassium 4,4-di(trifluoromethyl)perfluorohexanesulfonate	$CF_3CF_2-C(CF_3)-CF_2CF_2CF_2SO_3^-K^+$	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: _____ **Date:** 10/15/2015
B.G. Chittim (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

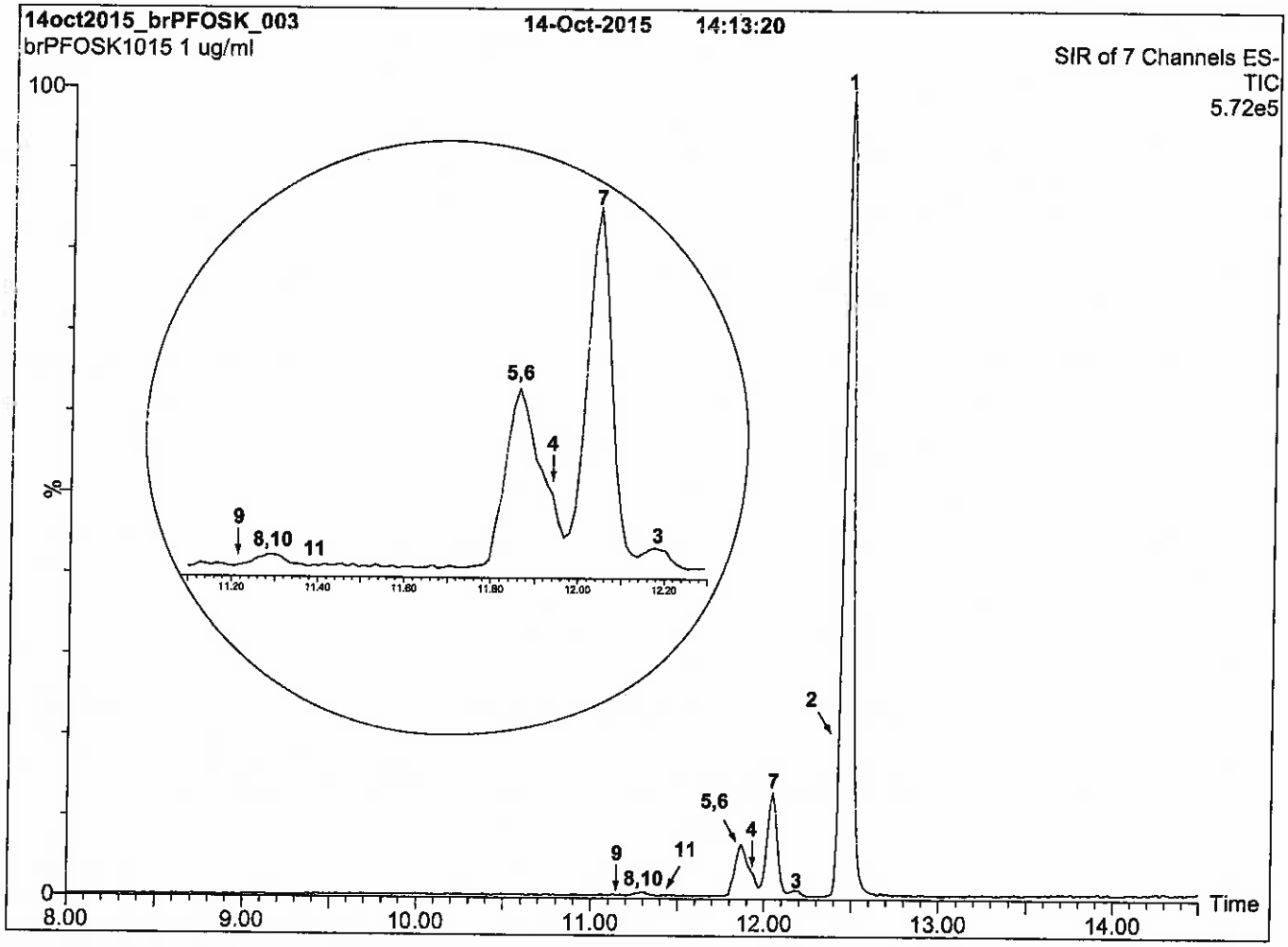
Flow: 300 µl/min

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

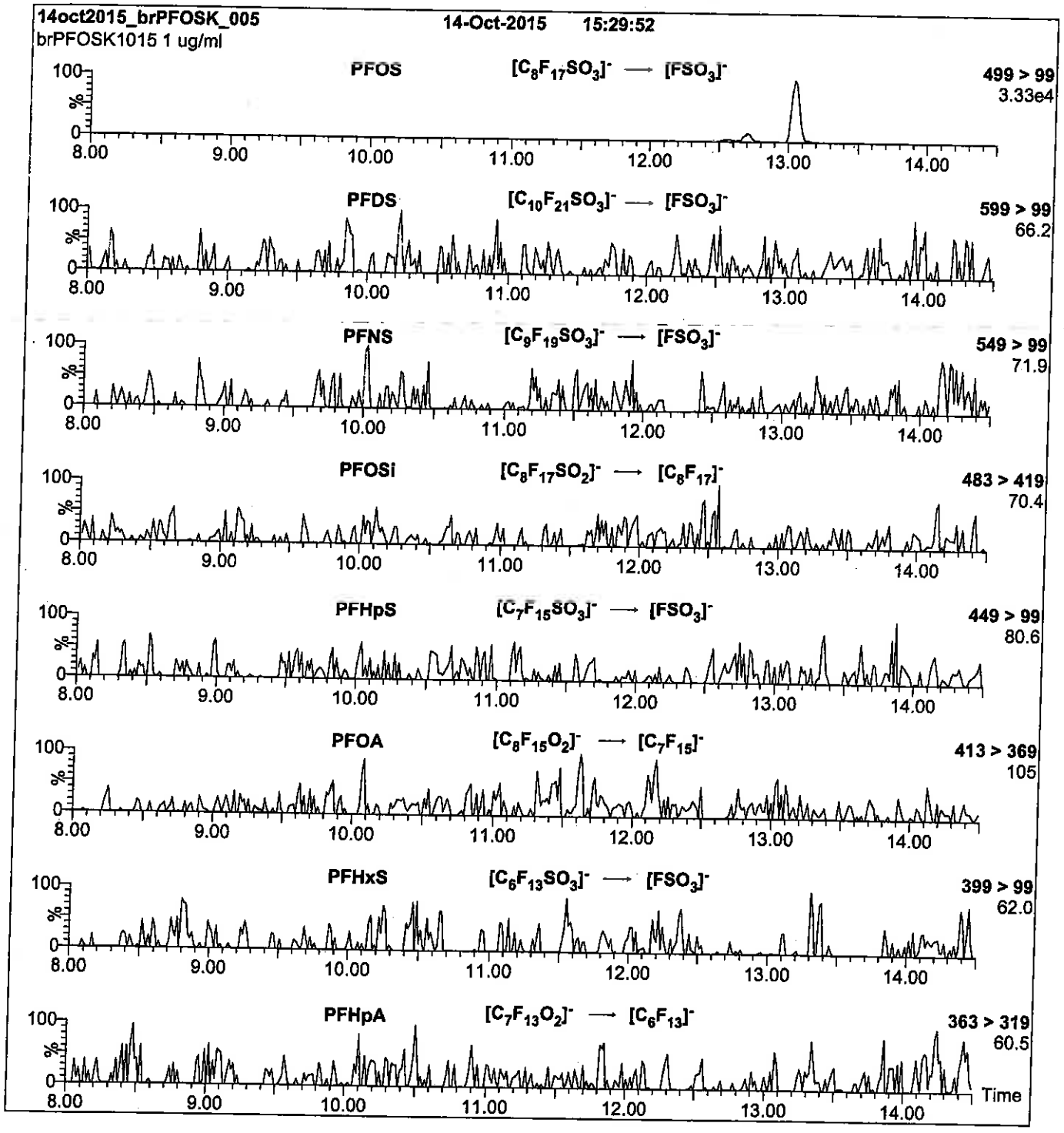
Mobile Phase: Gradient
45% (80:20 MeOH:ACN) / 55% H_2O (both with 10 mM NH_4OAc buffer)
Ramp to 90% organic over 15 min and hold for 3 min.
Return to initial conditions over 1 min.
Time: 20 min

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

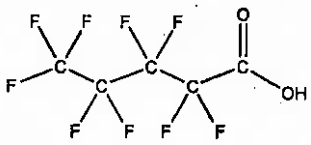
LCPFPeA_00006

r: 12/29/16 SK
s: 1/6/17 SK

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS
DOCUMENTATION

PRODUCT CODE:	PFPeA	**LOT NUMBER:**	PFPeA0516
COMPOUND:	Perfluoro-n-pentanoic acid		
STRUCTURE:		**CAS #:**	2706-90-3



MOLECULAR FORMULA:	$C_5HF_8O_2$	**MOLECULAR WEIGHT:**	264.05
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 ~ 0.3% 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

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:

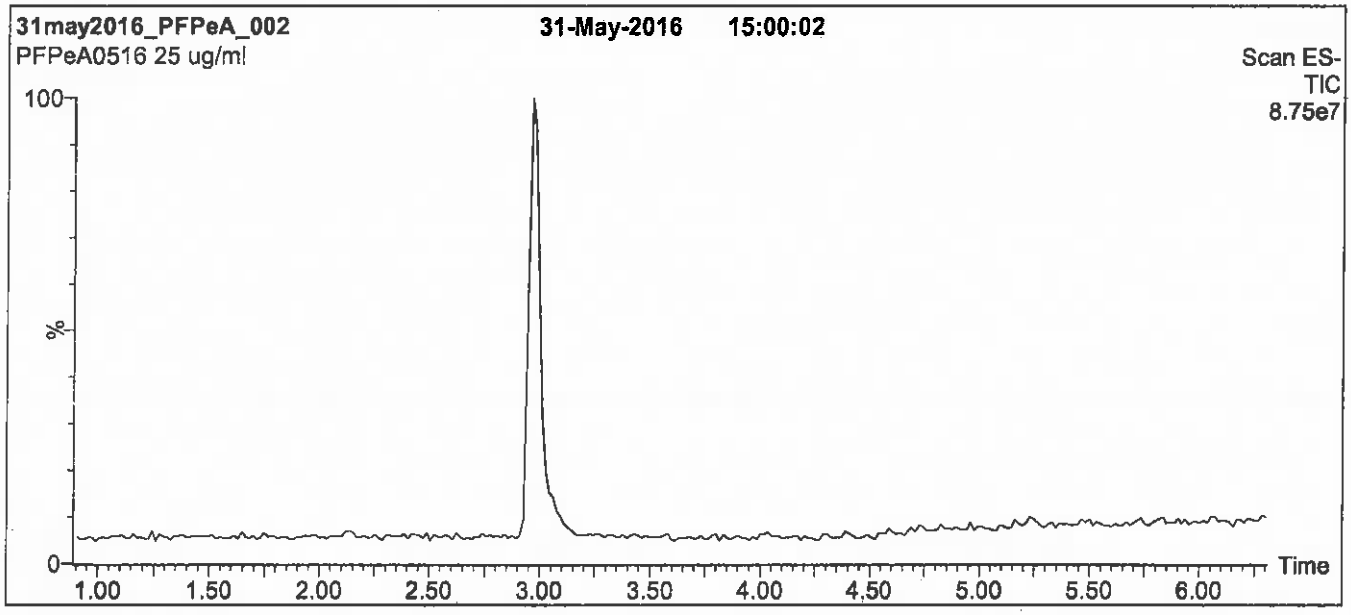
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

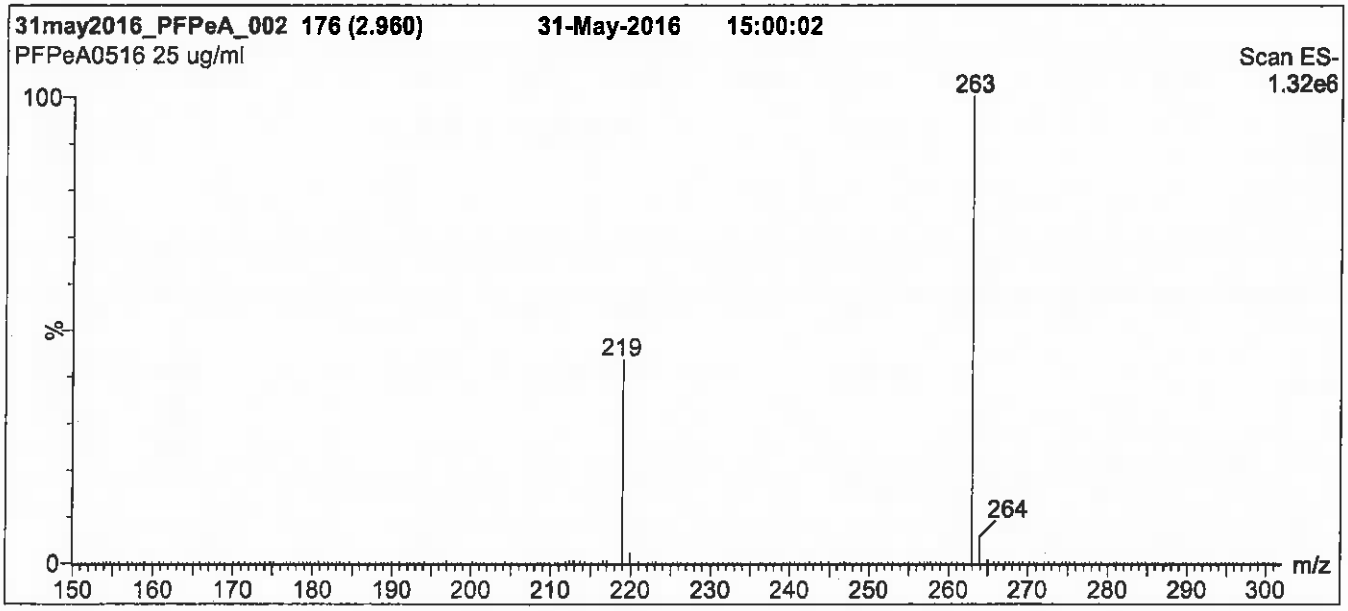
CALA

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: **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 min and hold for 1.5 min
before returning to initial conditions in 0.5 min.
Time: 10 min

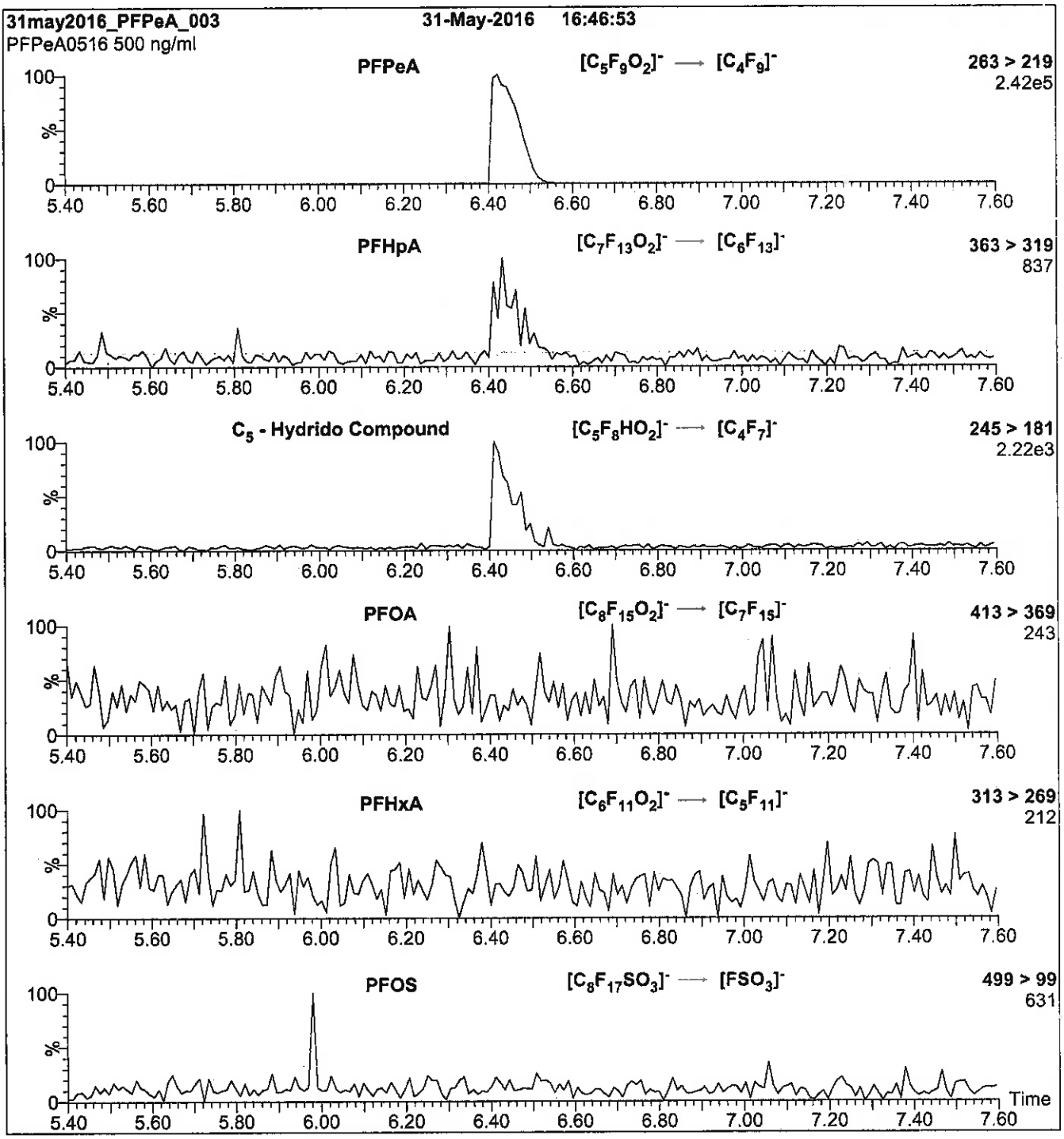
Flow: 300 µl/min

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

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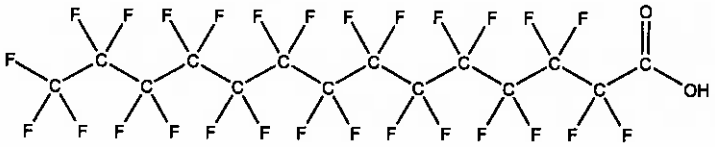
CERTIFICATE OF ANALYSIS DOCUMENTATION

PRODUCT CODE: PFTeDA
COMPOUND: Perfluoro-n-tetradecanoic acid

LOT NUMBER: PFTeDA1215

STRUCTURE:

CAS #: 376-06-7



MOLECULAR FORMULA: $C_{14}HF_{27}O_2$
CONCENTRATION: 50 ± 2.5 µg/ml

MOLECULAR WEIGHT: 714.11
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:

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:

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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.

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:

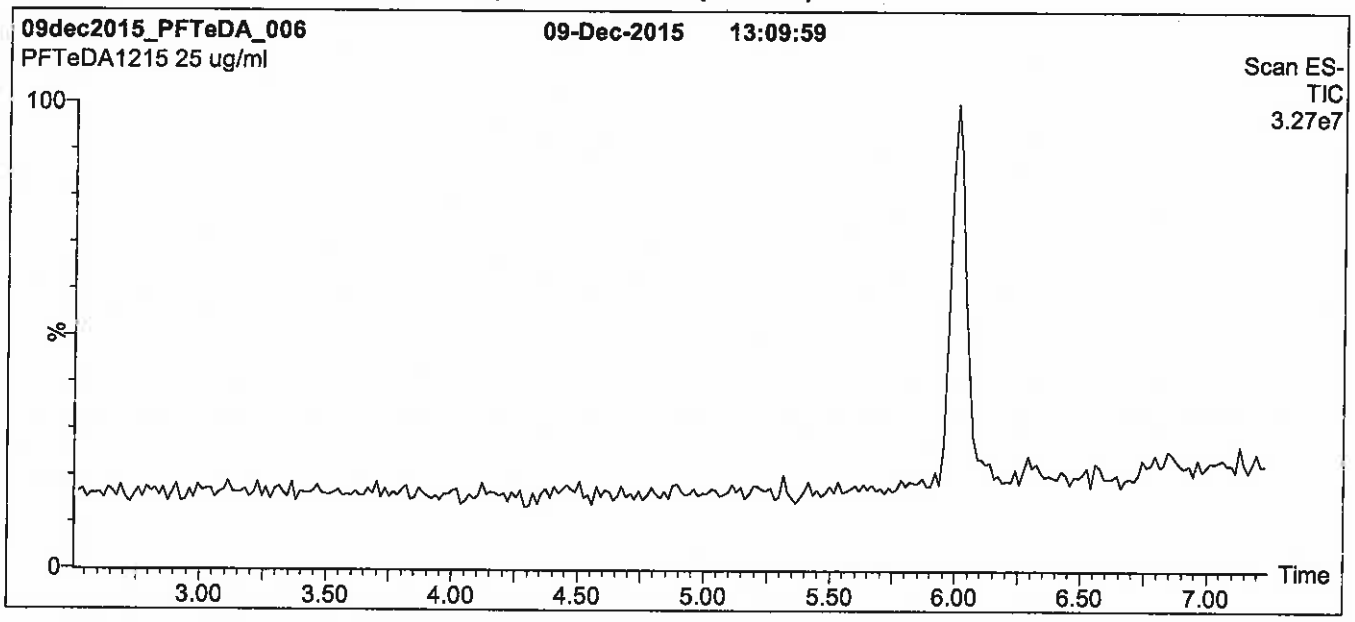
At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

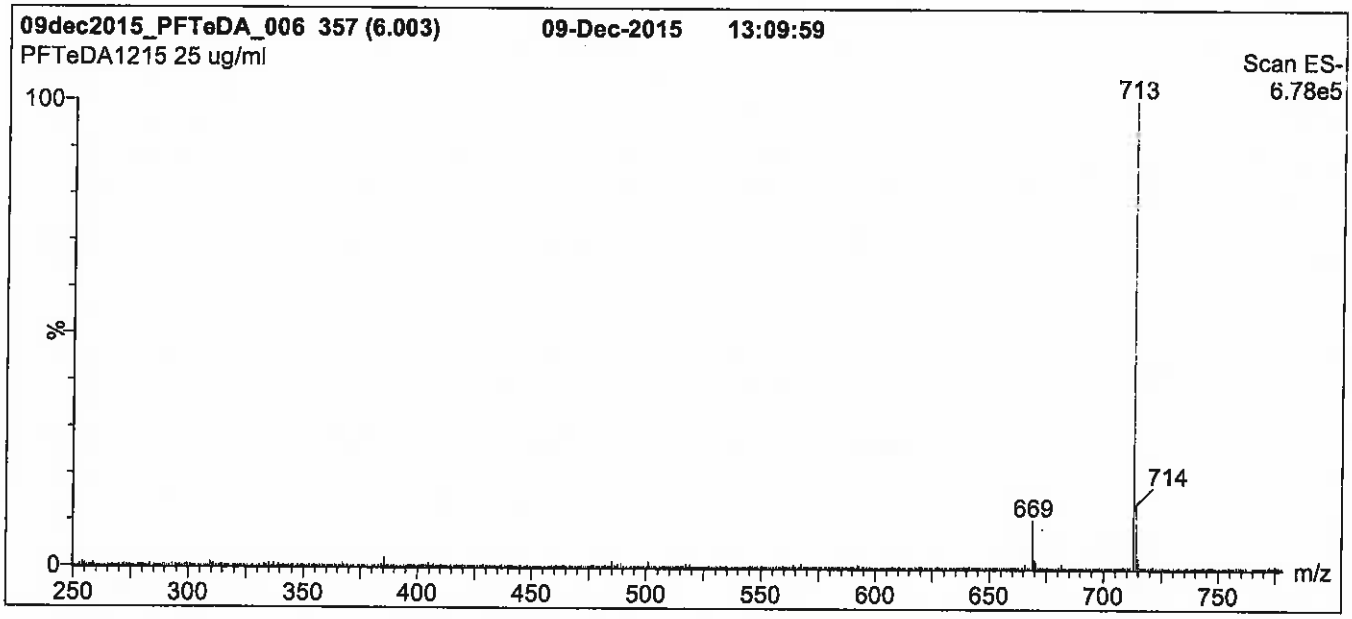
QUALITY MANAGEMENT:

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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: **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

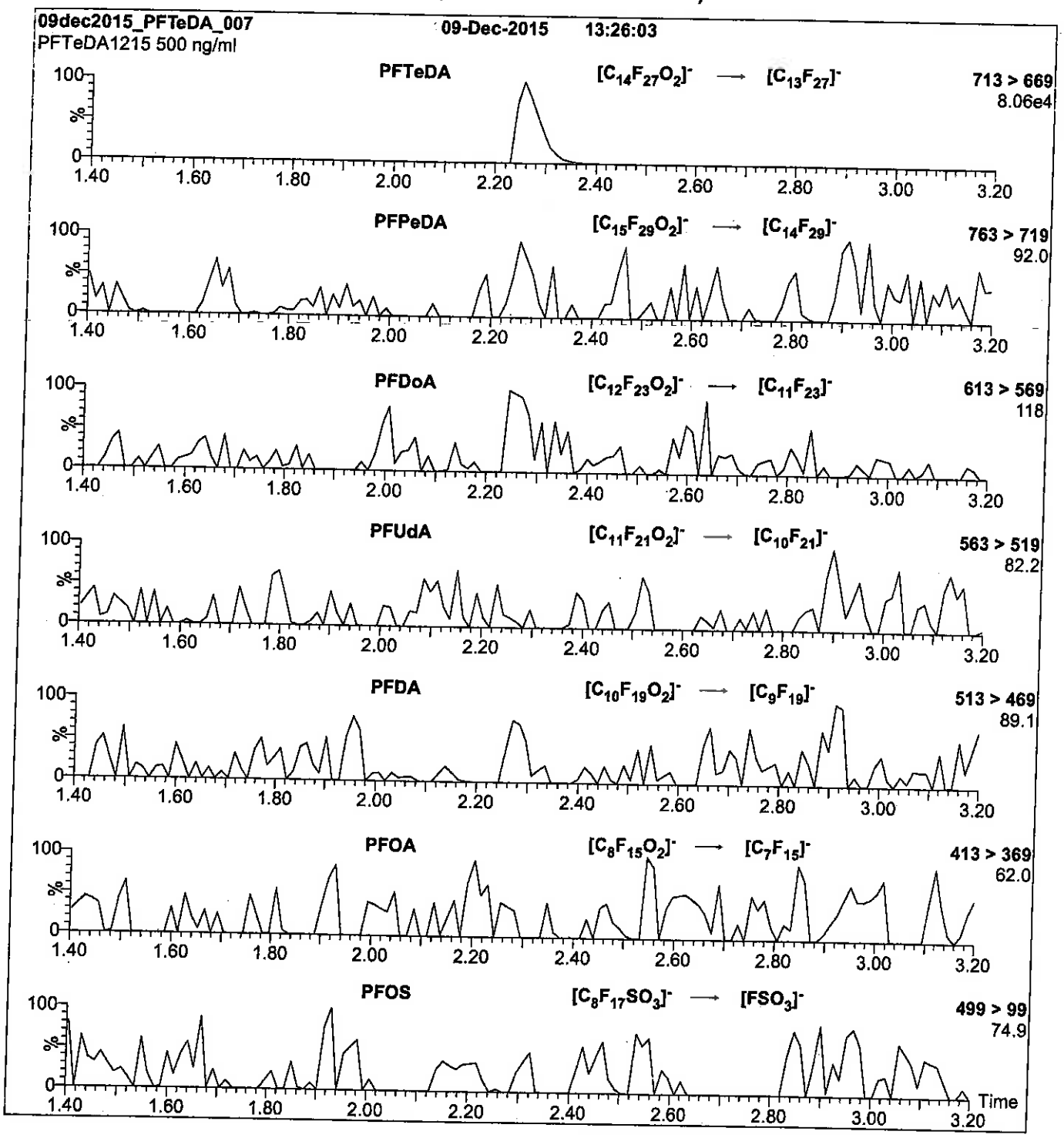
Flow: 300 µl/min

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

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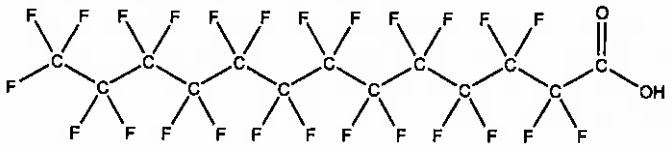
CERTIFICATE OF ANALYSIS
DOCUMENTATION

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
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 PFUdA ($C_{11}HF_{21}O_2$), ~ 0.4% of PFDoA ($C_{12}HF_{23}O_2$), and ~ 0.1% of PFTeDA ($C_{14}HF_{27}O_2$).

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Certified By: B.G. Chittim **Date:** 02/16/2016 (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

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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:

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LIMITED WARRANTY:

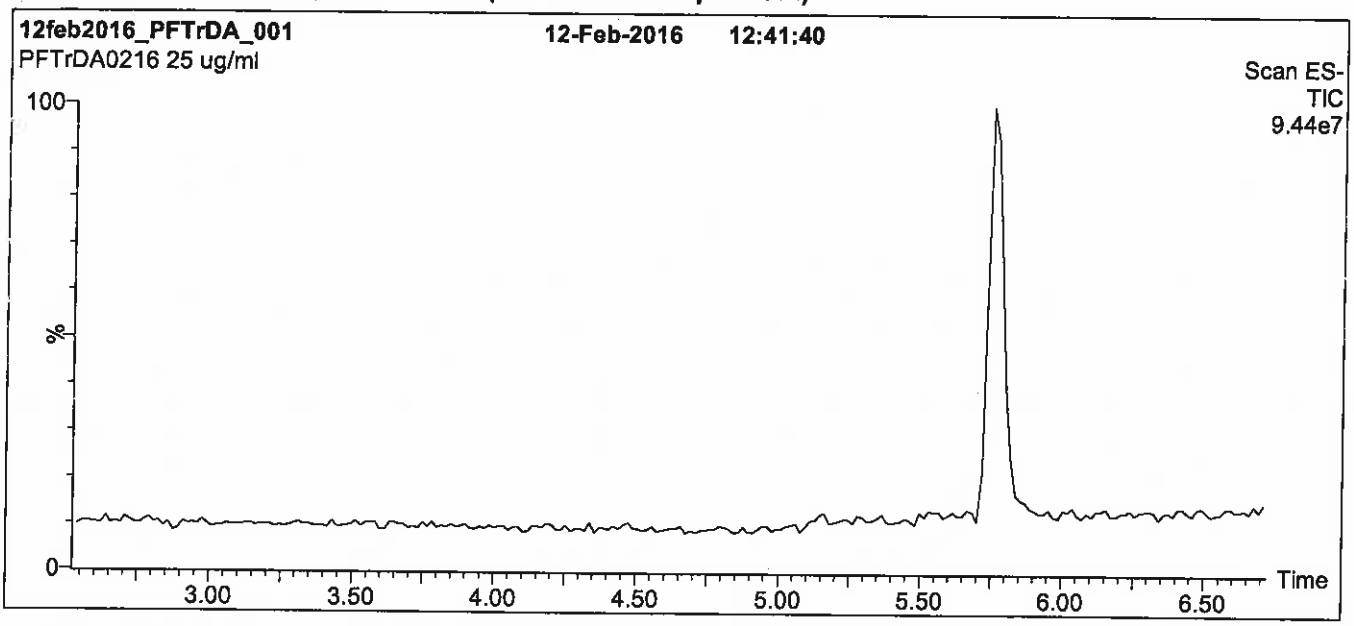
At the time of shipment, all products are warranted to be free of defects in material and workmanship and to conform to the stated technical and purity specifications.

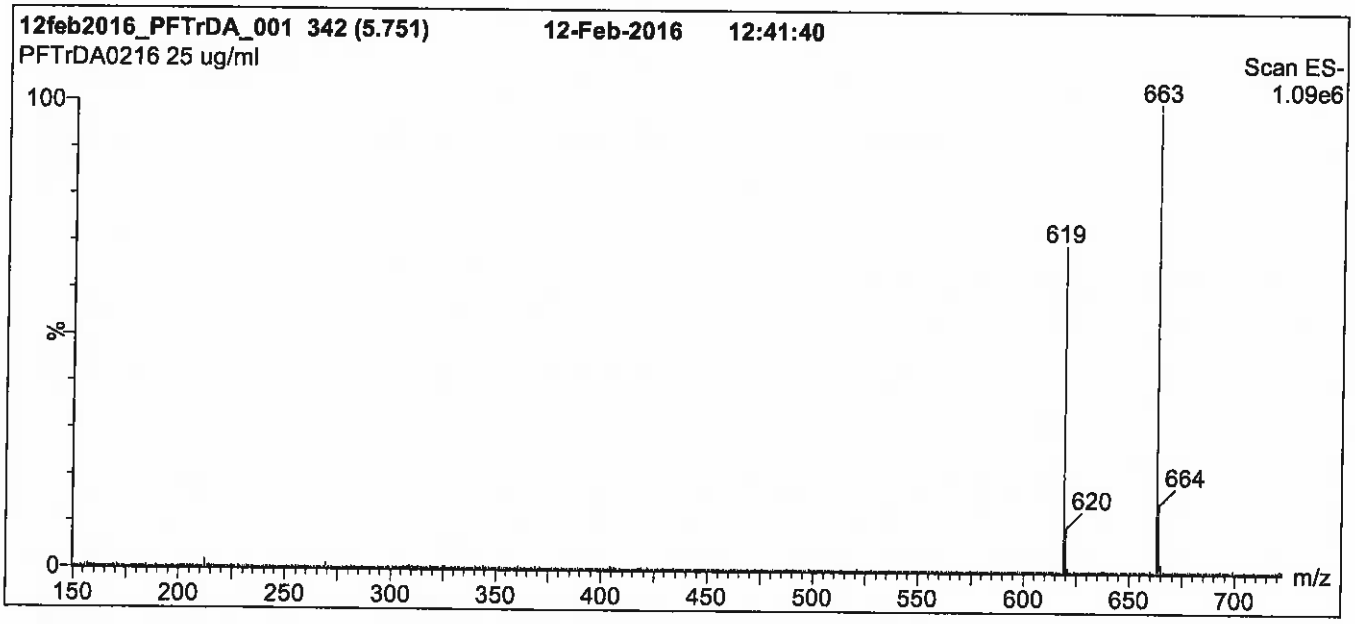
QUALITY MANAGEMENT:

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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

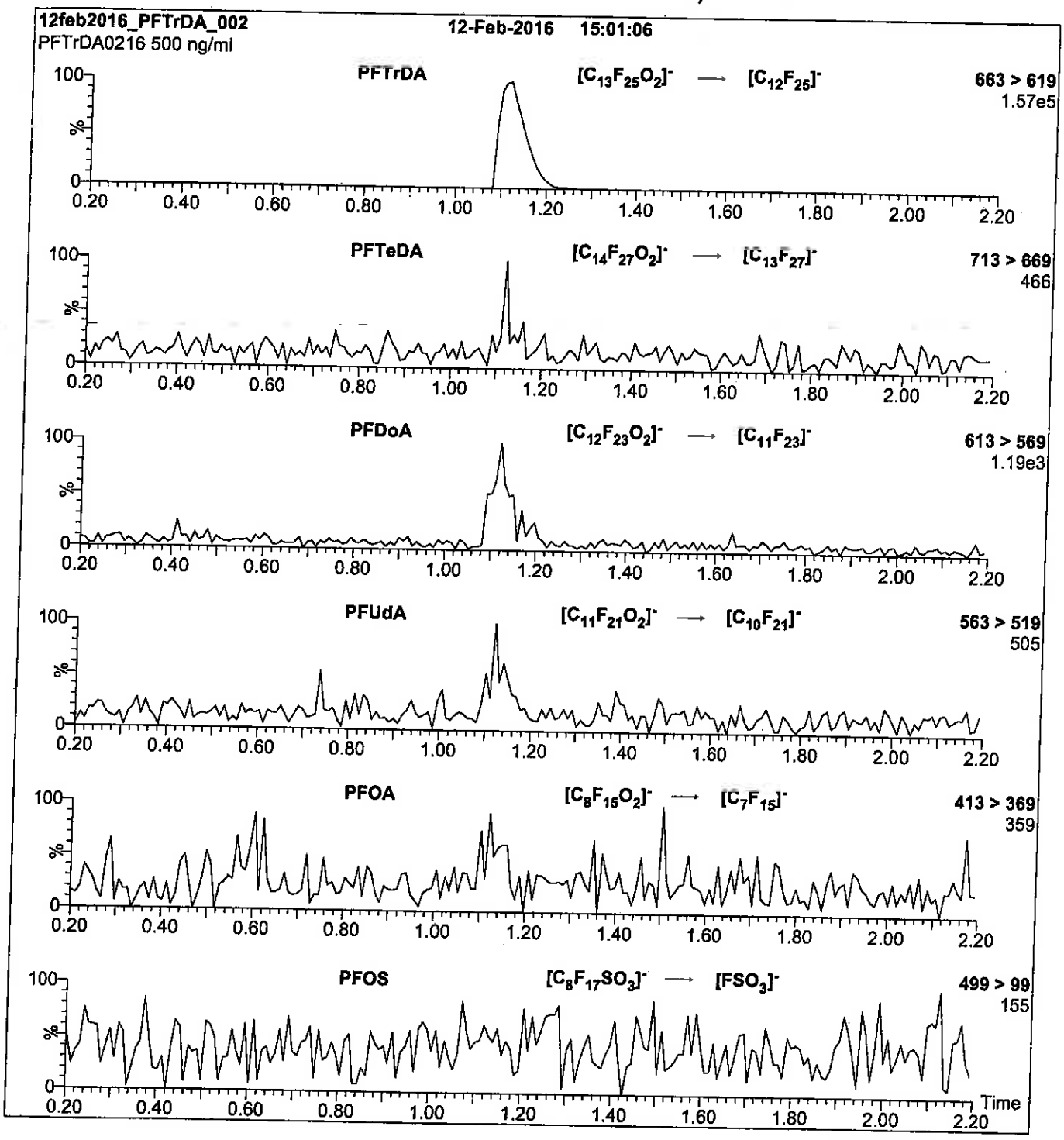
Flow: 300 µl/min

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

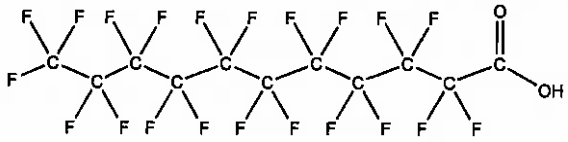
WELLINGTON LABORATORIES

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.

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:

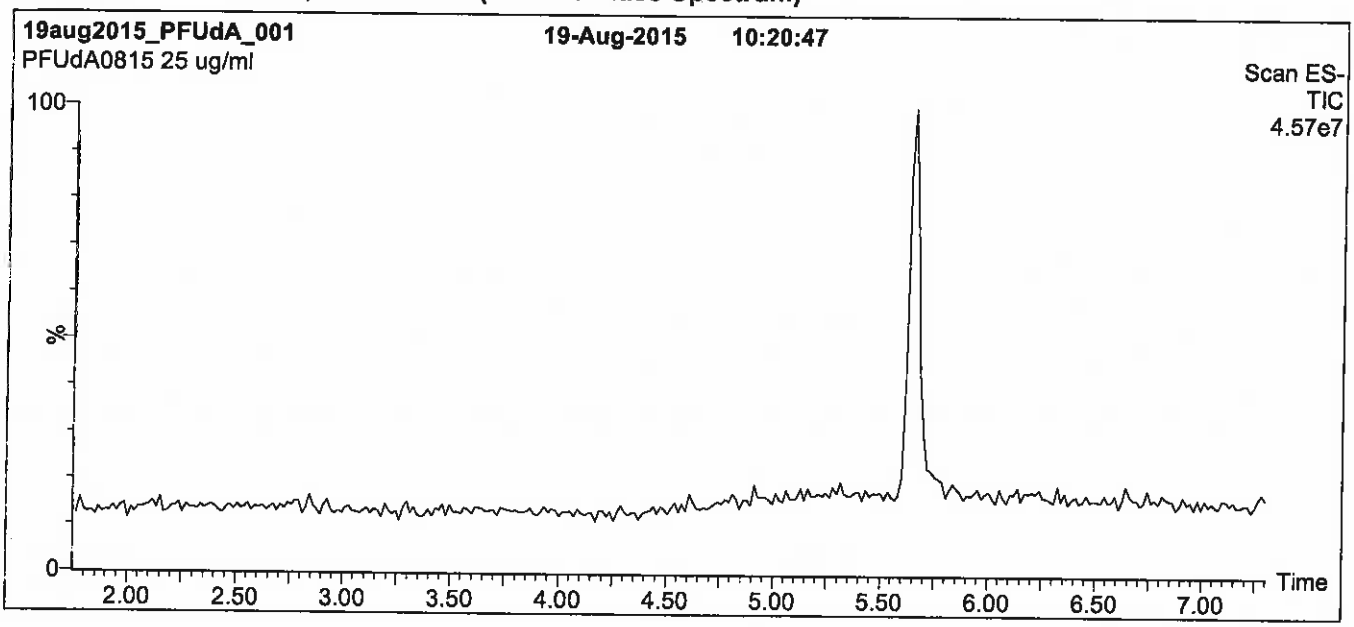
This product was produced using a Quality Management System registered to the latest versions of ISO 9001 by SAI Global, ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA; A 1226), and ISO GUIDE 34 by ANSI-ASQ National Accreditation Board (ANAB; AR-1523).

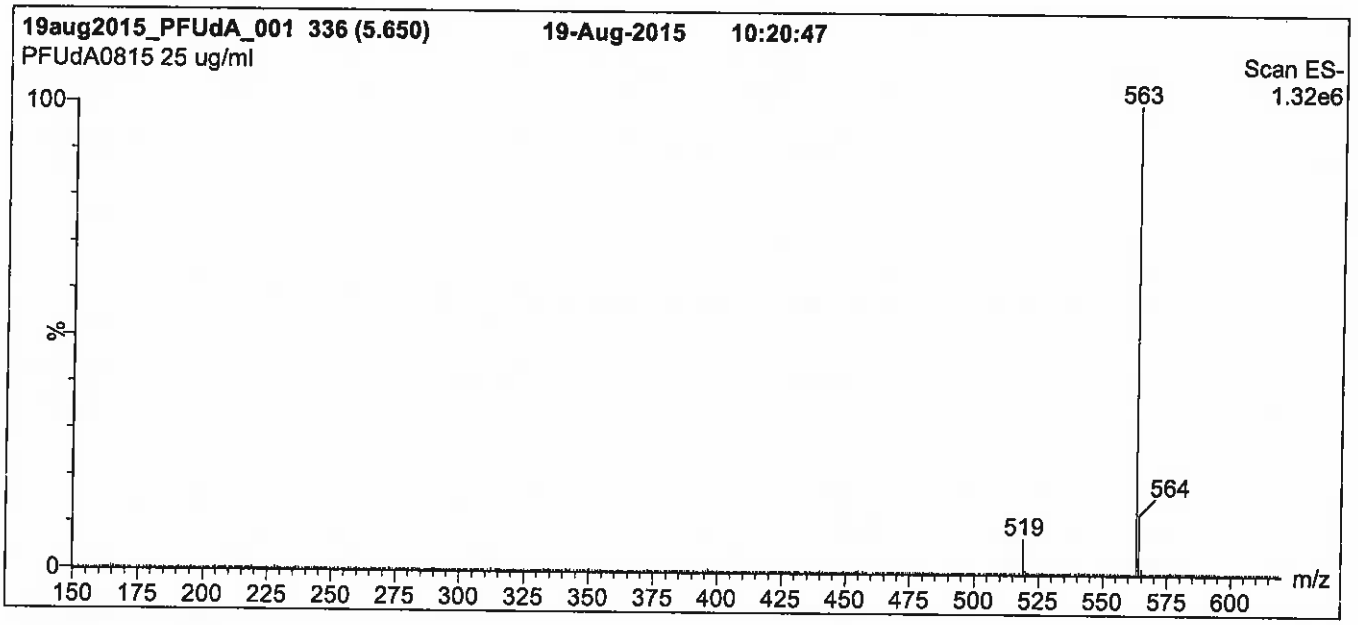
CALA

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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Figure 1: **PFUdA; 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

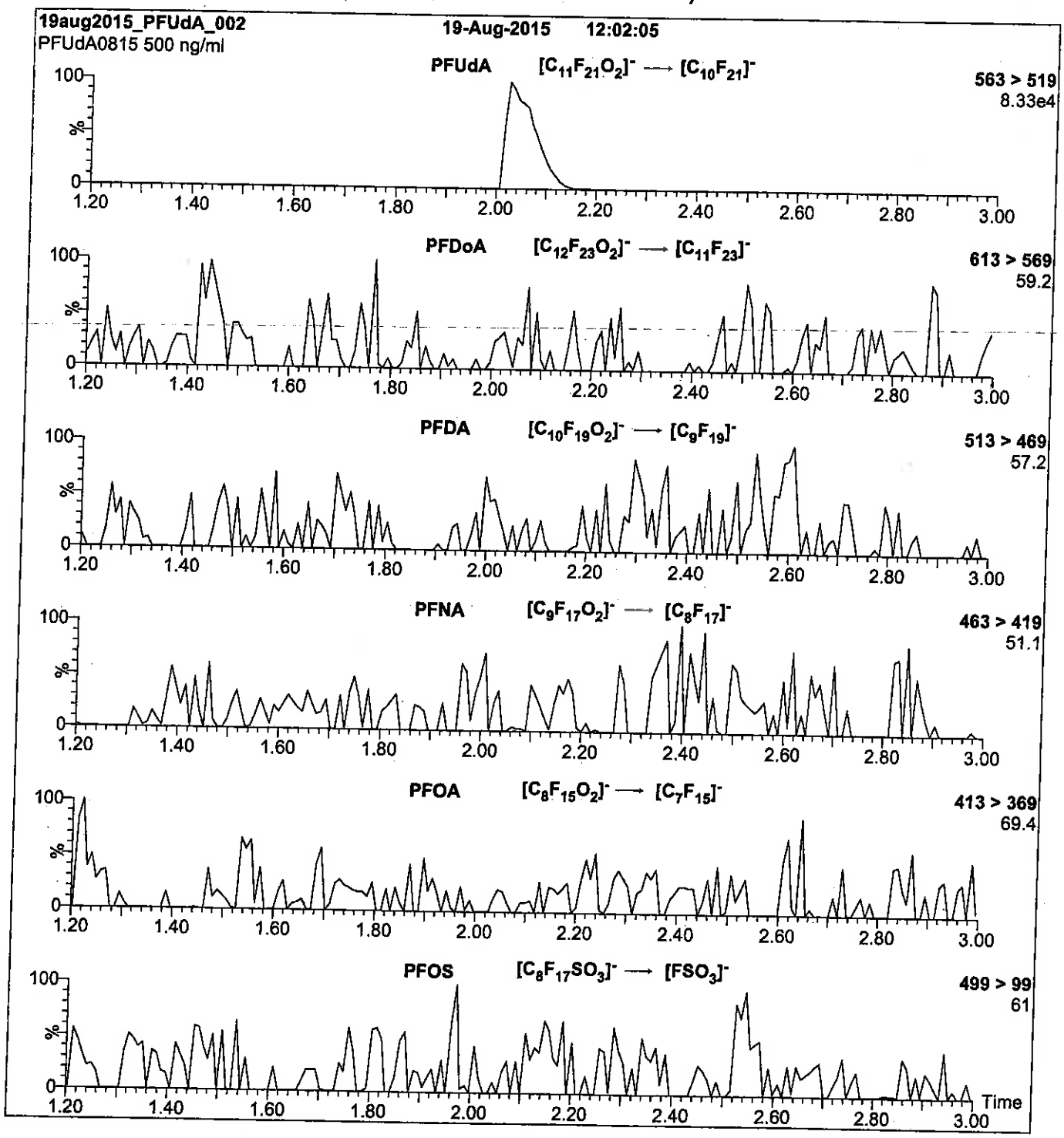
Flow: 300 µl/min

MS Parameters

Experiment: Full Scan (150 - 850 amu)

Source: Electrospray (negative)
Capillary Voltage (kV) = 3.00
Cone Voltage (V) = 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

Reagent

LCPFUdA_00006

Scanned 10/14/16 R: SBC 9/13/16

730535
ID: LCPFUdA_00005
Exp: 08/19/20 Prpd: SBC
PF-n-undecanoic acid

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PF-n-undecanoic acid

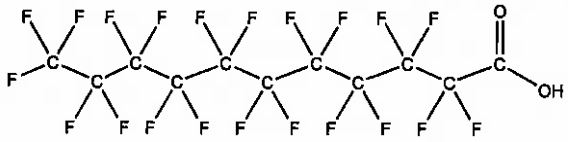
WELLINGTON LABORATORIES

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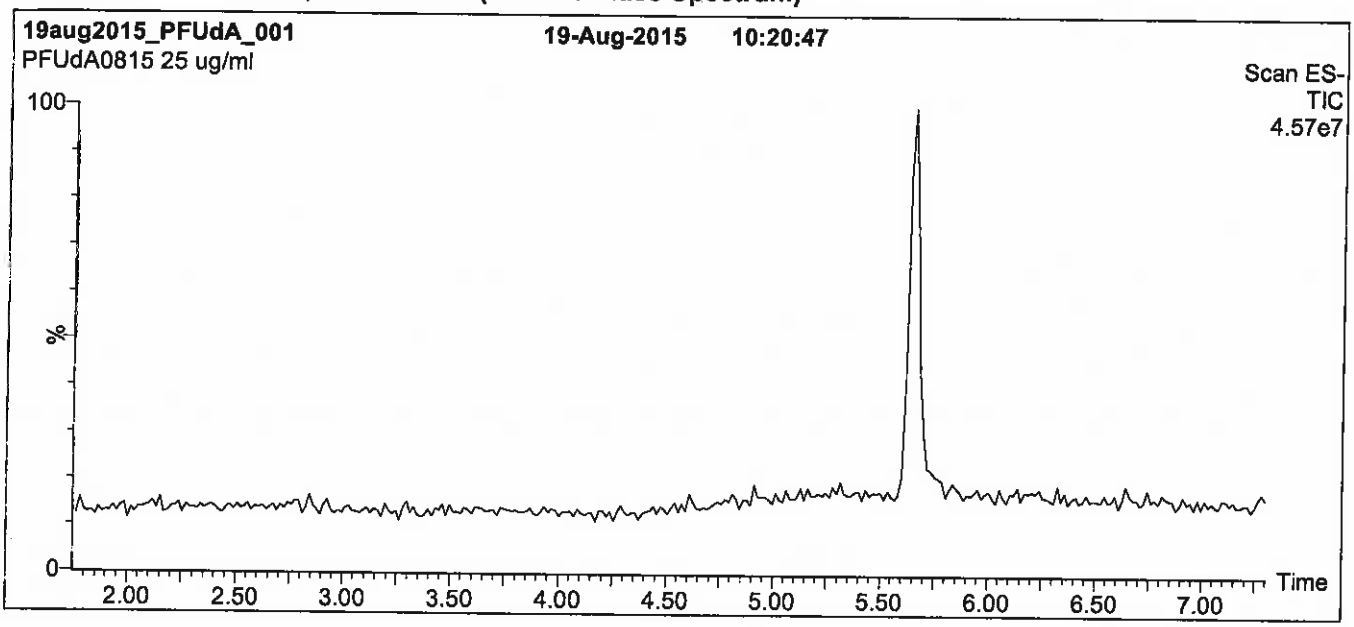
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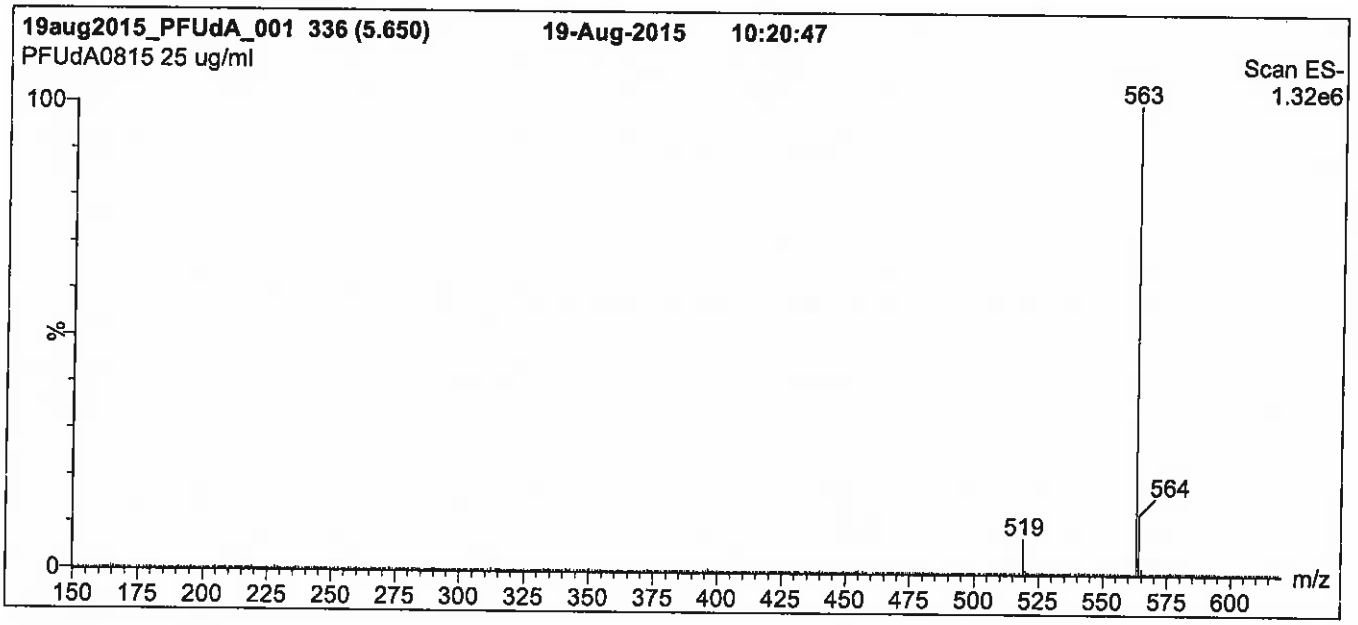
CALA

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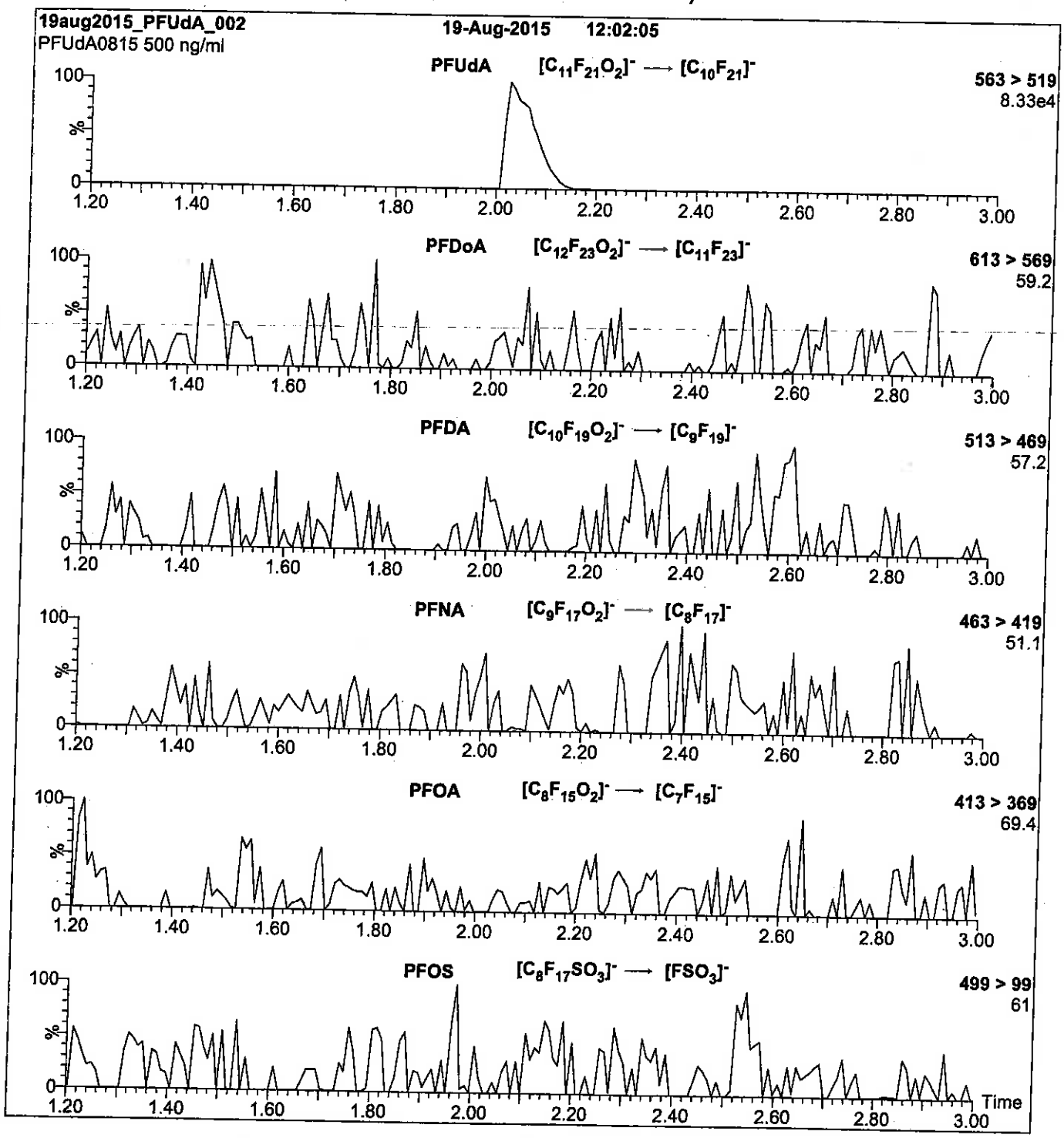
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MS Parameters

Experiment: Full Scan (150 - 850 amu)

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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.: 320-28800-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): GeminiC18 3 ID: 3 (mm)

Client Sample ID	Lab Sample ID	PFHxS #	PFOA #	PFOS #
GroutTruck_Blank_2	320-28800-1	127	91	108
ATVRig_Blank	320-28800-2	124	69	110
	MB 320-168463/1-A	119	129	110
	LCS 320-168463/2-A	109	136	94
	LCSD 320-168463/3-A	118	125	114

	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.: 320-28800-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 2017.06.10B_028.d

Lab ID: LCS 320-168463/2-A Client ID:

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC	QC LIMITS REC	#
Perfluorooctanoic acid (PFOA)	40.0	41.1	103	60-140	
Perfluorooctanesulfonic acid (PFOS)	37.1	39.7	107	60-140	
13C4 PFOA	100	136	136	25-150	
13C4 PFOS	95.6	89.8	94	25-150	
Perfluorobutanesulfonic acid (PFBS)	35.4	42.7	121	50-150	
18O2 PFHxS	94.6	103	109	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.: 320-28800-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 2017.06.13B_003.d

Lab ID: LCSD 320-168463/3-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	39.9	100	3	30	60-140	
Perfluorooctanesulfonic acid (PFOS)	37.1	37.1	100	7	30	60-140	
13C4 PFOA	100	125	125			25-150	
13C4 PFOS	95.6	109	114			25-150	
Perfluorobutanesulfonic acid (PFBS)	35.4	39.1	111	9	30	50-150	
18O2 PFHxS	94.6	112	118			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.: 320-28800-1

SDG No.:

Lab File ID: 2017.06.13B_002.d Lab Sample ID: MB 320-168463/1-A

Matrix: Water Date Extracted: 06/09/2017 10:13

Instrument ID: A8_N Date Analyzed: 06/13/2017 11:46

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 320-168463/2-A	2017.06.10B 028.d	06/11/2017 05:17
GroutTruck_Blank_2	320-28800-1	2017.06.10B 042.d	06/11/2017 07:05
ATVRig_Blank	320-28800-2	2017.06.10B 043.d	06/11/2017 07:13
	LCSD 320-168463/3-A	2017.06.13B _003.d	06/13/2017 11:54

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 320-28800-1

SDG No.:

Client Sample ID: GroutTruck_Blank_2 | Lab Sample ID: 320-28800-1

Matrix: Water | Lab File ID: 2017.06.10B_042.d

Analysis Method: 537 (Modified) | Date Collected: 06/02/2017 09:20

Extraction Method: 3535 | Date Extracted: 06/09/2017 10:13

Sample wt/vol: 243.1(mL) | Date Analyzed: 06/11/2017 07:05

Con. Extract Vol.: 0.5(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 168683 | Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	2.1	U	2.6	2.1	0.77
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	3.1	U	4.1	3.1	1.3
375-73-5	Perfluorobutanesulfonic acid (PFBS)	2.1	U	2.6	2.1	0.94

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	91		25-150
STL00991	13C4 PFOS	108		25-150
STL00994	18O2 PFHxS	127		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_042.d
Lims ID: 320-28800-A-1-A
Client ID: GroutTruck_Blank_2
Sample Type: Client
Inject. Date: 11-Jun-2017 07:05:36 ALS Bottle#: 29 Worklist Smp#: 17
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28800-a-1-a
Misc. Info.: Plate: 1 Rack: 4
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 12-Jun-2017 17:04:27 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK020

First Level Reviewer: chandrasenas Date: 12-Jun-2017 16:58:52

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	2.253	2.254	-0.001	1.000	15979	0.0335				
298.90 > 99.00	2.263	2.254	0.009	1.005	1891		8.45(0.00-0.00)			
D 11 18O2 PFHxS										
403.00 > 84.00	2.973	2.975	-0.002		13821659	60.0		127	35502	
D 14 13C4 PFOA										
417.00 > 372.00	3.354	3.365	-0.011		8206256	45.5		91.0	34372	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.354	3.365	-0.011	1.000	13883	0.0792			6.9	
413.00 > 169.00	3.354	3.365	-0.011	1.000	9230		1.50(0.90-1.10)		15.7	
D 18 13C4 PFOS										
503.00 > 80.00	3.721	3.727	-0.006		9180637	51.5		108	31334	

Report Date: 12-Jun-2017 17:04:37 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_042.d

Injection Date: 11-Jun-2017 07:05:36 Instrument ID: A8_N

Lims ID: 320-28800-A-1-A Lab Sample ID: 320-28800-1

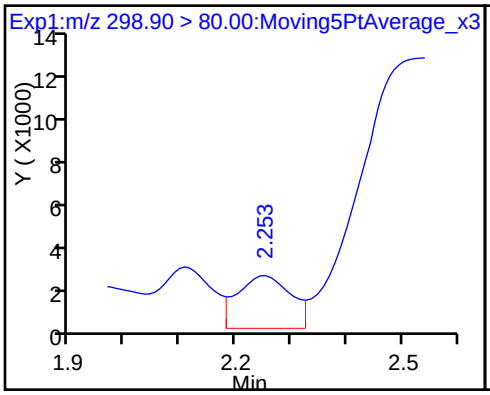
Client ID: GroutTruck_Blank_2

Operator ID: SACINSTLCMS01 ALS Bottle#: 29 Worklist Smp#: 17

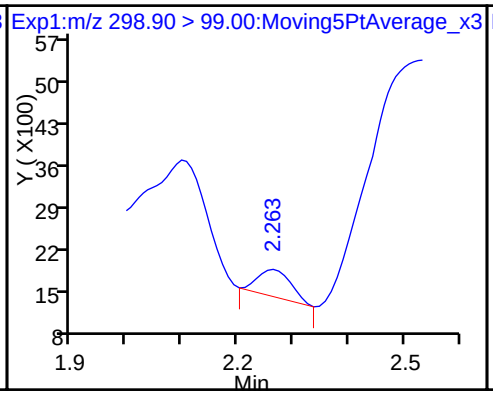
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

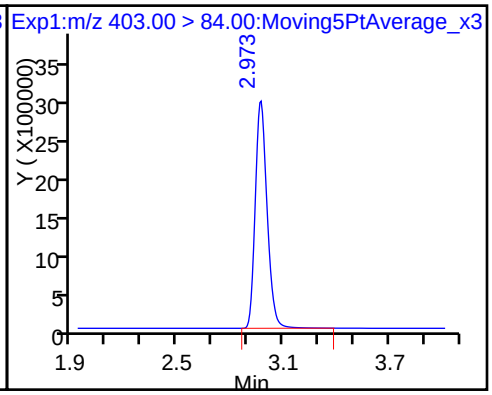
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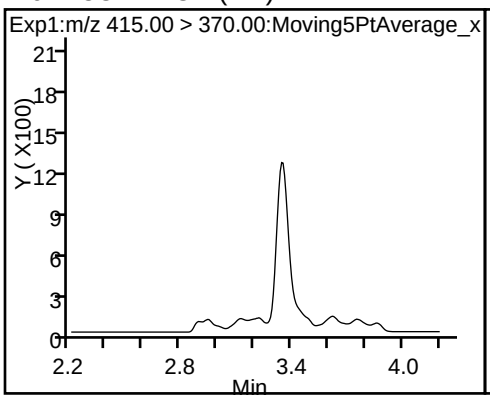
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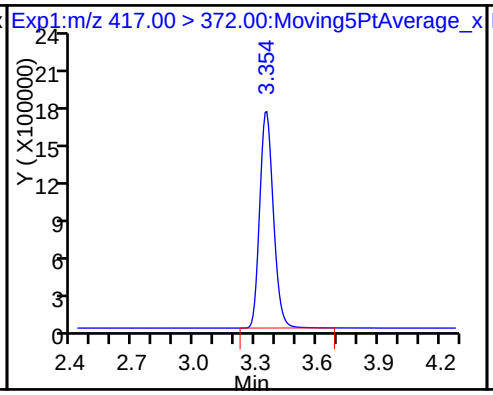
D 11 18O2 PFHxS



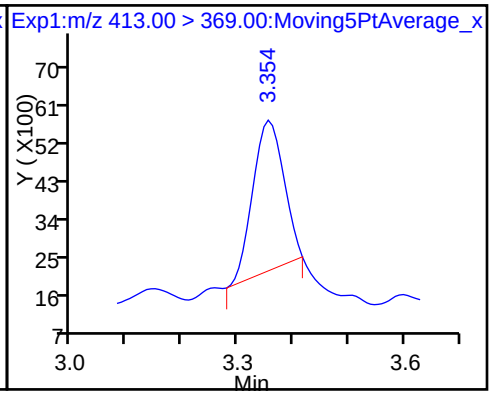
* 62 13C2-PFOA (ND)



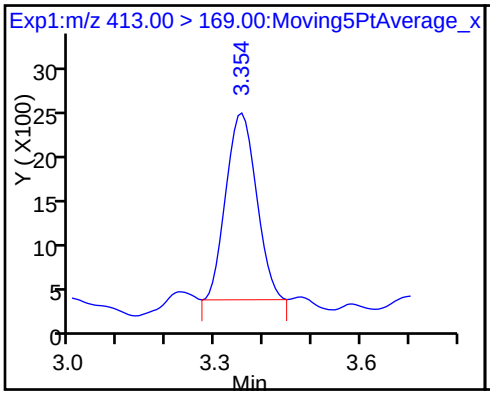
D 14 13C4 PFOA



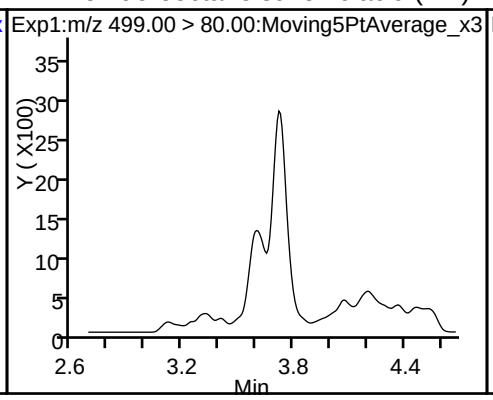
15 Perfluorooctanoic acid



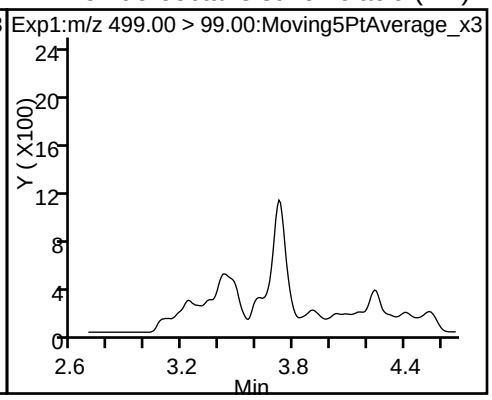
15 Perfluorooctanoic acid



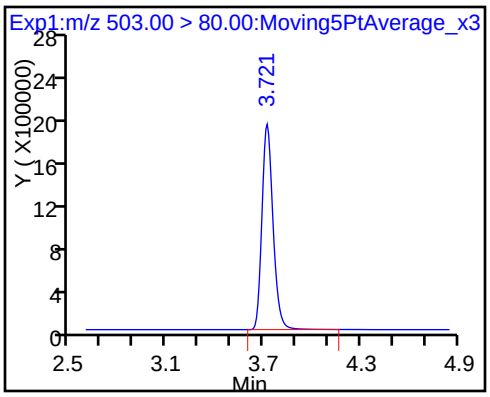
17 Perfluorooctane sulfonic acid (ND)



17 Perfluorooctane sulfonic acid (ND)



D 18 13C4 PFOS



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Client Sample ID: ATVRig_Blank Lab Sample ID: 320-28800-2

Matrix: Water Lab File ID: 2017.06.10B_043.d

Analysis Method: 537 (Modified) Date Collected: 06/02/2017 09:55

Extraction Method: 3535 Date Extracted: 06/09/2017 10:13

Sample wt/vol: 241.5(mL) Date Analyzed: 06/11/2017 07:13

Con. Extract Vol.: 0.5(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 168683 Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	1.2	J M	2.6	2.1	0.77
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	3.1	U M	4.1	3.1	1.3
375-73-5	Perfluorobutanesulfonic acid (PFBS)	2.1	U M	2.6	2.1	0.95

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	69		25-150
STL00991	13C4 PFOS	110		25-150
STL00994	18O2 PFHxS	124		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_043.d
Lims ID: 320-28800-A-2-A
Client ID: ATVRig_Blank
Sample Type: Client
Inject. Date: 11-Jun-2017 07:13:20 ALS Bottle#: 30 Worklist Smp#: 18
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: 320-28800-a-2-a
Misc. Info.: Plate: 1 Rack: 4
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 12-Jun-2017 17:04:27 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK020

First Level Reviewer: chandrasenas Date: 12-Jun-2017 16:59:33

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	2.247	2.254	-0.008	1.000	107414	0.2299				M
298.90 > 99.00	2.247	2.254	-0.008	1.000	38381		2.80(0.00-0.00)			
D 11 18O2 PFHxS										
403.00 > 84.00	2.971	2.975	-0.004		13536155	58.7		124	35406	
D 14 13C4 PFOA										
417.00 > 372.00	3.354	3.365	-0.011		6221612	34.5		69.0	22834	
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.354	3.365	-0.011	1.000	80164	0.6030			17.2	M
413.00 > 169.00	3.354	3.365	-0.011	1.000	48646		1.65(0.90-1.10)		62.2	M
17 Perfluorooctane sulfonic acid										M
499.00 > 80.00	3.729	3.685	0.044	1.000	71174	0.3444			77.1	
499.00 > 99.00	3.720	3.685	0.035	0.998	12609		5.64(0.90-1.10)		26.7	M
D 18 13C4 PFOS										
503.00 > 80.00	3.720	3.727	-0.007		9360153	52.5		110	18448	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 12-Jun-2017 17:04:38 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_043.d

Injection Date: 11-Jun-2017 07:13:20 Instrument ID: A8_N

Lims ID: 320-28800-A-2-A Lab Sample ID: 320-28800-2

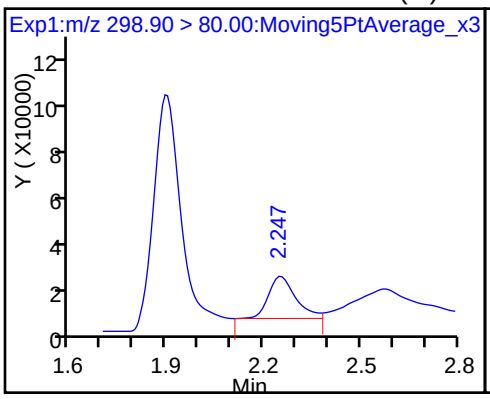
Client ID: ATVRig_Blank

Operator ID: SACINSTLCMS01 ALS Bottle#: 30 Worklist Smp#: 18

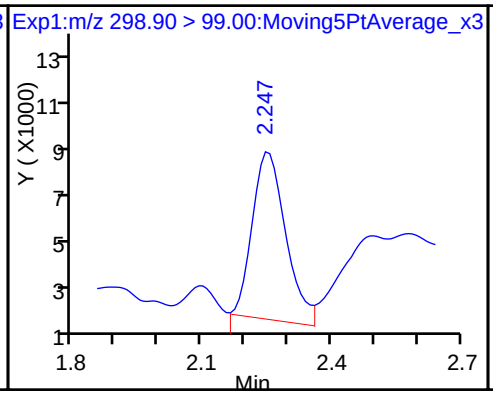
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

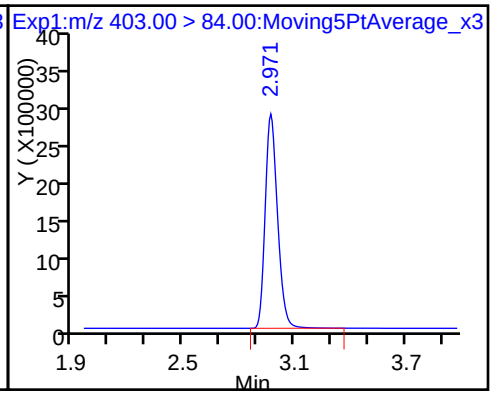
5 Perfluorobutanesulfonic acid (M)



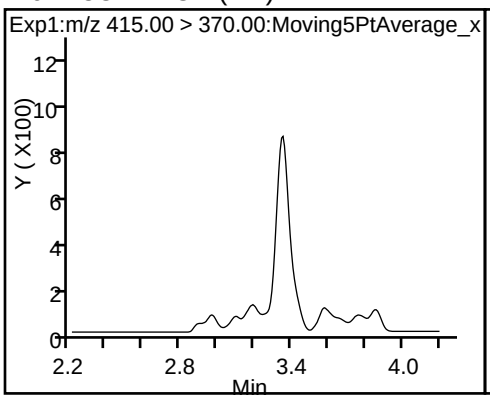
5 Perfluorobutanesulfonic acid



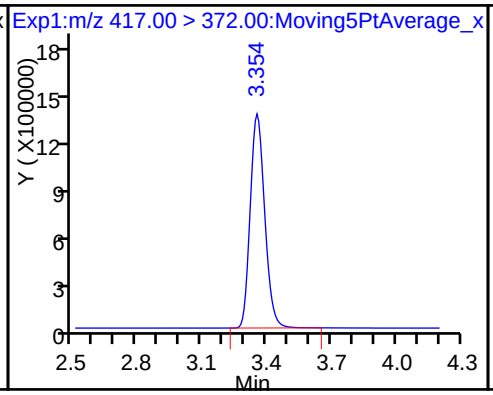
D 11 18O2 PFHxS



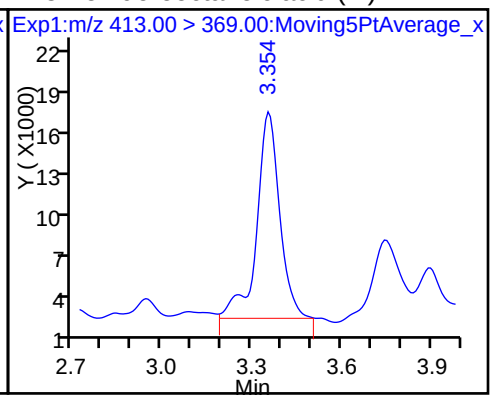
* 62 13C2-PFOA (ND)



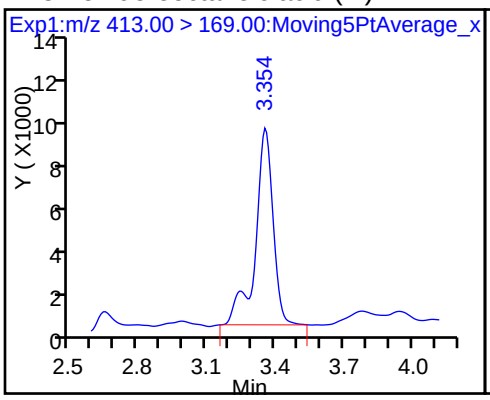
D 14 13C4 PFOA



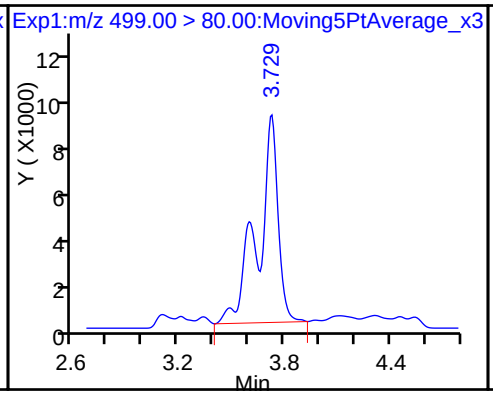
15 Perfluorooctanoic acid (M)



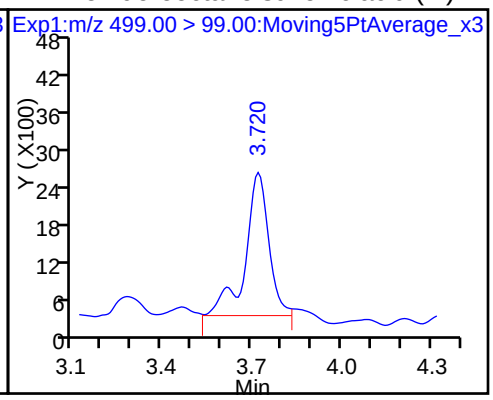
15 Perfluorooctanoic acid (M)



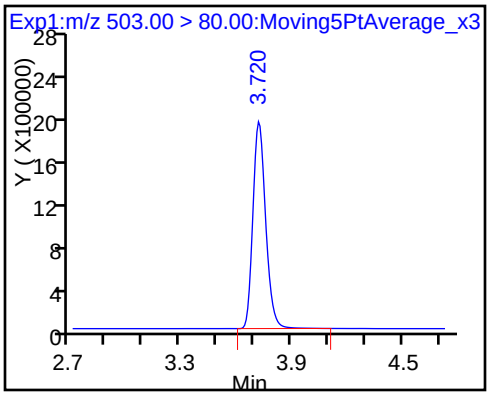
17 Perfluorooctane sulfonic acid



17 Perfluorooctane sulfonic acid (M)



D 18 13C4 PFOS



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

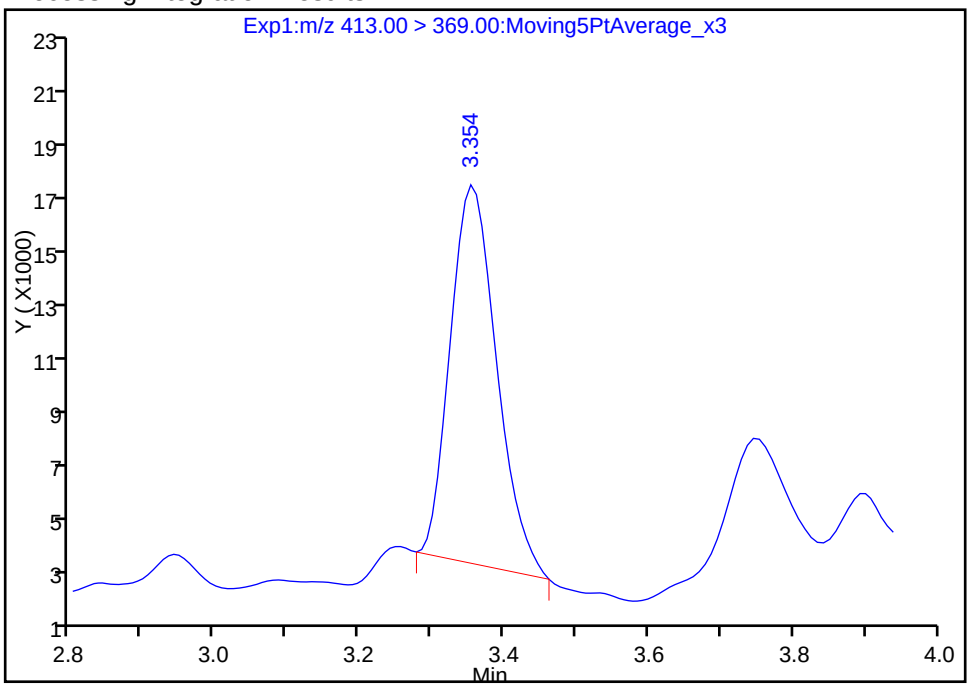
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_043.d				
Injection Date:	11-Jun-2017 07:13:20	Instrument ID:	A8_N		
Lims ID:	320-28800-A-2-A	Lab Sample ID:	320-28800-2		
Client ID:	ATVRig_Blank				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	30	Worklist Smp#:	18
Injection Vol:	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

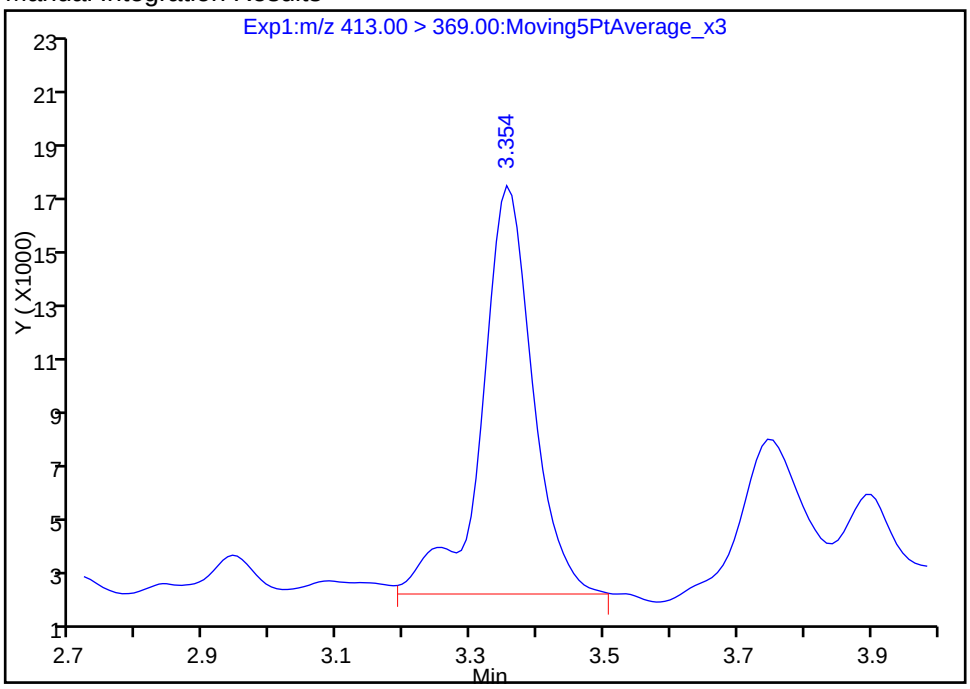
Processing Integration Results

RT: 3.35
Area: 62125
Amount: 0.467284
Amount Units: ng/ml



Manual Integration Results

RT: 3.35
Area: 80164
Amount: 0.602967
Amount Units: ng/ml



Reviewer: chandrasenas, 12-Jun-2017 16:59:12

Audit Action: Manually Integrated Audit Reason: Isomers

Manual Integration/User Assign Peak Report

TestAmerica Sacramento

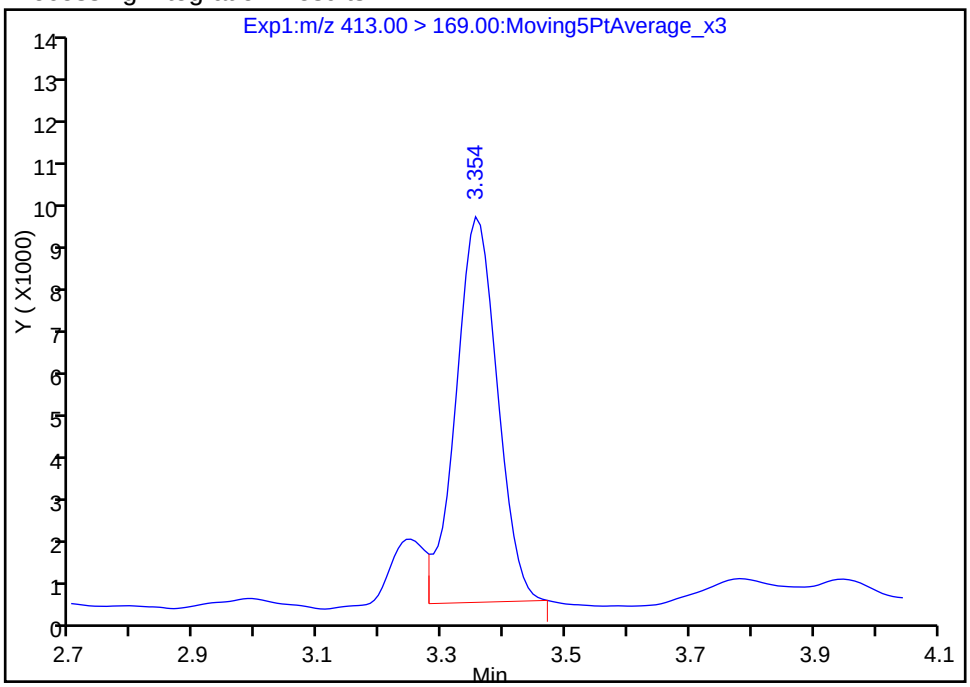
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_043.d				
Injection Date:	11-Jun-2017 07:13:20	Instrument ID:	A8_N		
Lims ID:	320-28800-A-2-A	Lab Sample ID:	320-28800-2		
Client ID:	ATVRig_Blank				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	30	Worklist Smp#:	18
Injection Vol:	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

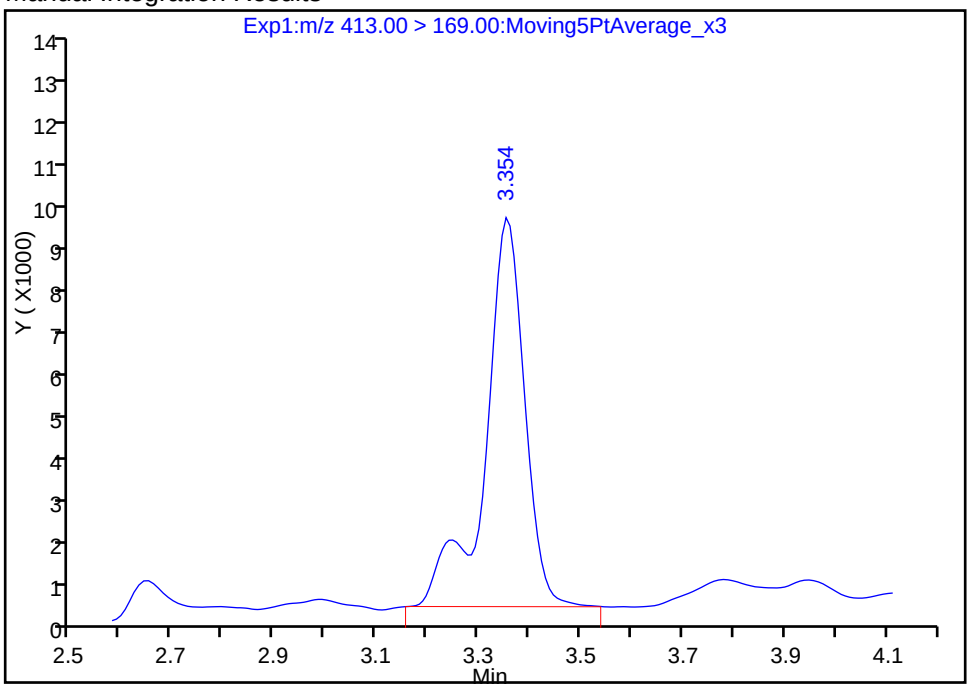
Processing Integration Results

RT: 3.35
Area: 41571
Amount: 0.467284
Amount Units: ng/ml



Manual Integration Results

RT: 3.35
Area: 48646
Amount: 0.602967
Amount Units: ng/ml



Reviewer: chandrasenas, 12-Jun-2017 16:59:18

Audit Action: Manually Integrated Audit Reason: Isomers

TestAmerica Sacramento

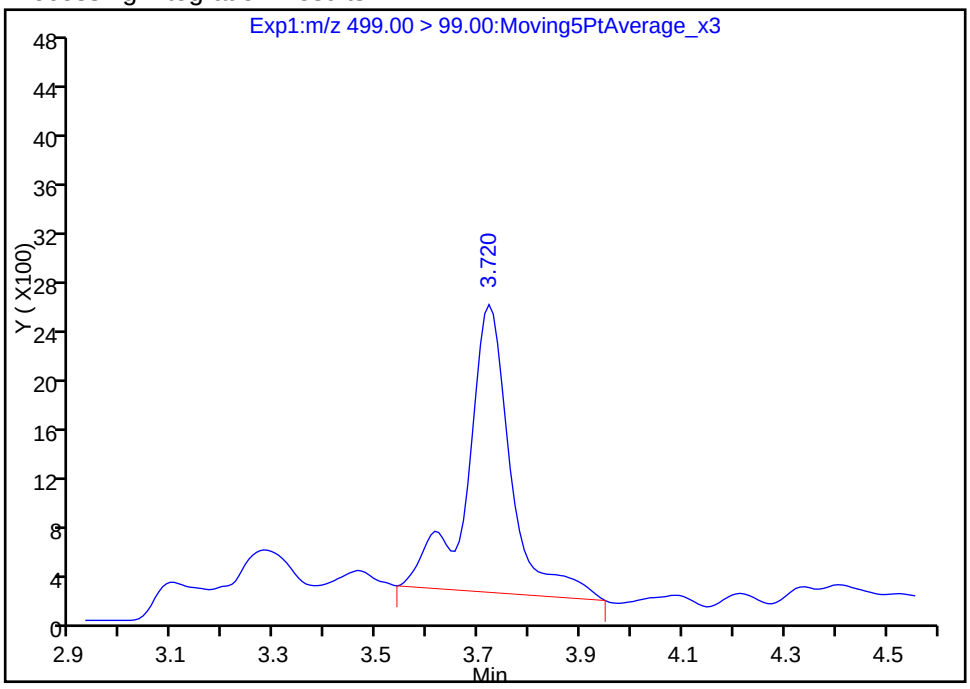
Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_043.d
Injection Date: 11-Jun-2017 07:13:20 Instrument ID: A8_N
Lims ID: 320-28800-A-2-A Lab Sample ID: 320-28800-2
Client ID: ATVRig_Blank
Operator ID: SACINSTLCMS01 ALS Bottle#: 30 Worklist Smp#: 18
Injection Vol: 2.0 ul Dil. 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

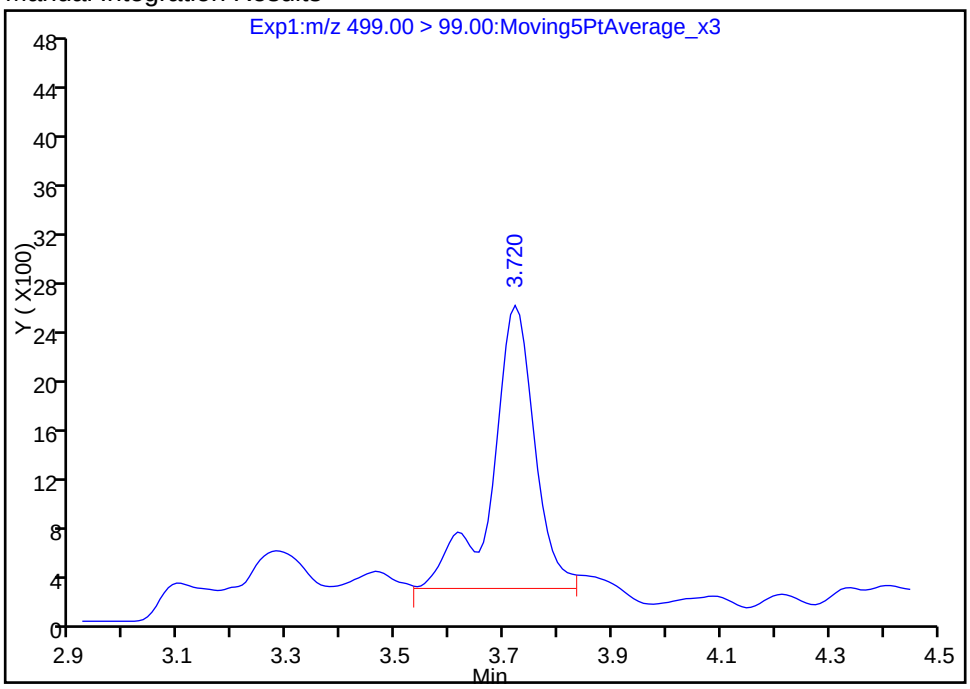
Processing Integration Results

RT: 3.72
Area: 13960
Amount: 0.344390
Amount Units: ng/ml



Manual Integration Results

RT: 3.72
Area: 12609
Amount: 0.344390
Amount Units: ng/ml



Reviewer: chandrasenas, 12-Jun-2017 16:59:29
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

TestAmerica Sacramento

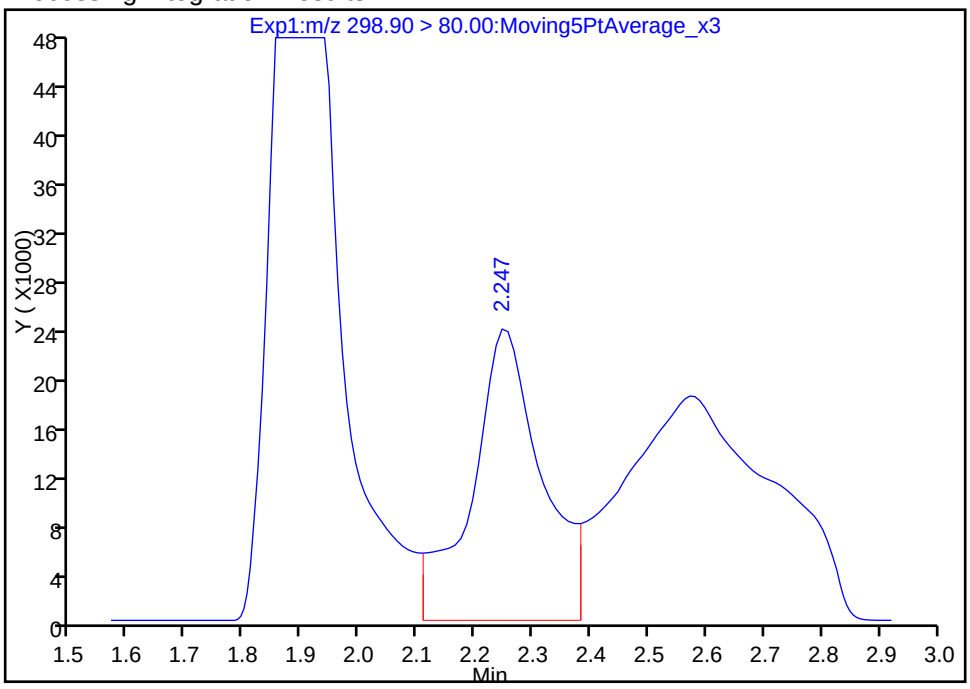
Data File:	\\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_043.d				
Injection Date:	11-Jun-2017 07:13:20	Instrument ID:	A8_N		
Lims ID:	320-28800-A-2-A	Lab Sample ID:	320-28800-2		
Client ID:	ATVRig_Blank				
Operator ID:	SACINSTLCMS01	ALS Bottle#:	30	Worklist Smp#:	18
Injection Vol:	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

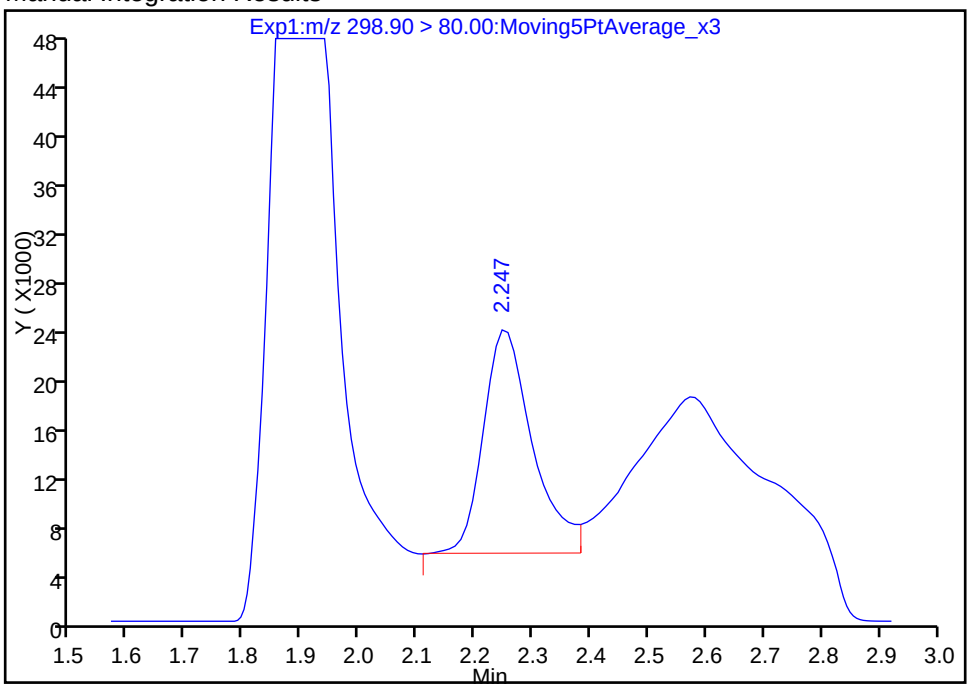
Processing Integration Results

RT: 2.25
Area: 198026
Amount: 0.423869
Amount Units: ng/ml



Manual Integration Results

RT: 2.25
Area: 107414
Amount: 0.229917
Amount Units: ng/ml



Reviewer: chandrasenas, 12-Jun-2017 16:59:02

Audit Action: Manually Integrated Audit Reason: Baseline

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1 Analy Batch No.: 167755

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2017 13:31 Calibration End Date: 06/06/2017 14:25 Calibration ID: 31092

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-167755/2	2017.06.06CURVE_003.d
Level 2	IC 320-167755/3	2017.06.06CURVE_004.d
Level 3	IC 320-167755/4	2017.06.06CURVE_005.d
Level 4	IC 320-167755/5	2017.06.06CURVE_006.d
Level 5	IC 320-167755/6	2017.06.06CURVE_007.d
Level 6	IC 320-167755/7	2017.06.06CURVE_008.d
Level 7	IC 320-167755/8	2017.06.06CURVE_009.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
Perfluorobutanoic acid (PFBA)	1.757	1.754	1.754	1.757	1.757	1.719	1.742				1.499 - 1.999	1.749
Perfluoropentanoic acid (PFPeA)	2.087	2.078	2.083	2.083	2.074	2.042	2.069				1.824 - 2.324	2.074
Perfluorobutanesulfonic acid (PFBS)	2.123	2.114	2.119	2.119	2.110	2.087	2.105				1.931 - 2.291	2.111
4:2 FTS	2.387	2.377	2.383	2.383	2.362	2.355	2.366				2.123 - 2.623	2.373
Perfluorohexanoic acid (PFHxA)	2.430	2.420	2.426	2.426	2.394	2.398	2.409				2.165 - 2.665	2.415
Perfluoroheptanoic acid (PFHpA)	2.811	2.796	2.803	2.802	2.767	2.787	2.787				2.543 - 3.043	2.793
Perfluorohexanesulfonic acid (PFHxS)	2.819	2.812	2.811	2.810	2.777	2.795	2.795				2.553 - 3.053	2.803
6:2FTS	3.170	3.159	3.165	3.164	3.118	3.148	3.149				2.903 - 3.403	3.153
Perfluorooctanoic acid (PFOA)	3.196	3.186	3.184	3.190	3.141	3.177	3.170				2.928 - 3.428	3.178
Perfluoroheptanesulfonic Acid (PFHpS)	3.196	3.186	3.184	3.190	3.141	3.177	3.177				2.929 - 3.429	3.179
Perfluorooctanesulfonic acid (PFOS)	3.566	3.441	3.439	3.439	3.507	3.431	3.546				3.231 - 3.731	3.481
Perfluorononanoic acid (PFNA)	3.572	3.562	3.567	3.566	3.520	3.559	3.552				3.307 - 3.807	3.557
Perfluorooctane Sulfonamide (FOSA)	3.906	3.895	3.893	3.901	3.851	3.892	3.885				3.639 - 4.139	3.889
8:2FTS	3.921	3.910	3.908	3.915	3.860	3.907	3.900				3.662 - 4.162	3.903
Perfluorodecanoic acid (PFDA)	3.921	3.917	3.915	3.923	3.868	3.914	3.907				3.659 - 4.159	3.909
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	4.084	4.072	4.079	4.078	4.029	4.069	4.061				3.817 - 4.317	4.067
Perfluorodecanesulfonic acid (PFDS)	4.221	4.208	4.206	4.214	4.165	4.204	4.196				3.952 - 4.452	4.202
Perfluoroundecanoic acid (PFUnA)	4.238	4.234	4.232	4.241	4.190	4.229	4.221				3.976 - 4.476	4.226
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	4.248	4.243	4.241	4.241	4.190	4.238	4.230				3.983 - 4.483	4.233
MeFOSA	4.384	4.379	4.377	4.377	4.331	4.375	4.367				4.120 - 4.620	4.370
Perfluorododecanoic acid (PFDoA)	4.516	4.519	4.518	4.517	4.469	4.516	4.507				4.259 - 4.759	4.509
N-EtFOSA-M	4.565	4.559	4.557	4.557	4.508	4.555	4.547				4.300 - 4.800	4.550
Perfluorotridecanoic Acid (PFTriA)	4.772	4.775	4.774	4.773	4.716	4.772	4.754				4.512 - 5.012	4.762
Perfluorotetradecanoic acid (PFTeA)	4.994	4.996	4.995	5.002	4.947	4.994	4.987				4.738 - 5.238	4.988
Perfluoro-n-hexadecanoic acid (PFHxDA)	+++++	5.403	5.402	5.409	5.355	5.401	5.393				5.145 - 5.645	5.394
Perfluoro-n-octadecanoic acid (PFODA)	5.751	5.757	5.752	5.760	5.701	5.751	5.744				5.495 - 5.995	5.745
13C4 PFBA	1.754	1.750	1.754	1.753	1.757	1.715	1.739				1.496 - 1.996	1.746
13C5-PFPeA	2.087	2.078	2.074	2.083	2.074	2.042	2.069				1.823 - 2.323	2.072
13C2 PFHxA	2.430	2.420	2.416	2.426	2.394	2.398	2.409				2.163 - 2.663	2.413
13C4-PFHpA	2.811	2.796	2.803	2.802	2.767	2.778	2.787				2.542 - 3.042	2.792
18O2 PFHxS	2.819	2.812	2.811	2.810	2.777	2.795	2.795				2.553 - 3.053	2.803
M2-6:2FTS	3.170	3.159	3.157	3.164	3.118	3.148	3.141				2.901 - 3.401	3.151

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1 Analy Batch No.: 167755

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2017 13:31 Calibration End Date: 06/06/2017 14:25 Calibration ID: 31092

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
13C4 PFOA	3.190	3.186	3.184	3.190	3.141	3.170	3.170				2.926 - 3.426	3.176
13C4 PFOS	3.566	3.555	3.553	3.560	3.507	3.546	3.539				3.296 - 3.796	3.547
13C5 PFNA	3.572	3.562	3.560	3.566	3.513	3.559	3.552				3.305 - 3.805	3.555
13C8 FOSA	3.906	3.895	3.893	3.901	3.843	3.892	3.885				3.638 - 4.138	3.888
M2-8:2FTS	3.921	3.910	3.908	3.915	3.860	3.907	3.900				3.653 - 4.153	3.903
13C2 PFDA	3.921	3.917	3.915	3.915	3.868	3.914	3.907				3.658 - 4.158	3.908
d3-NMeFOSAA	4.076	4.072	4.070	4.078	4.021	4.069	4.061				3.814 - 4.314	4.064
d5-NEtFOSAA	4.238	4.234	4.232	4.241	4.181	4.229	4.221				3.975 - 4.475	4.225
13C2 PFUnA	4.238	4.234	4.232	4.241	4.190	4.229	4.221				3.976 - 4.476	4.226
d-N-MeFOSA-M	4.375	4.370	4.368	4.377	4.331	4.366	4.358				4.114 - 4.614	4.364
13C2 PFDoA	4.516	4.519	4.518	4.517	4.469	4.516	4.507				4.259 - 4.759	4.509
d-N-EtFOSA-M	4.555	4.549	4.547	4.547	4.498	4.545	4.537				4.290 - 4.790	4.540
13C2-PFTeDA	4.994	4.996	4.995	5.002	4.947	4.994	4.987				4.738 - 5.238	4.988
13C2-PFHxDA	5.401	5.403	5.402	5.402	5.348	5.401	5.386				5.141 - 5.641	5.392

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1 Analy Batch No.: 167755

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2017 13:31 Calibration End Date: 06/06/2017 14:25 Calibration ID: 31092

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-167755/2	2017.06.06CURVE_003.d
Level 2	IC 320-167755/3	2017.06.06CURVE_004.d
Level 3	IC 320-167755/4	2017.06.06CURVE_005.d
Level 4	IC 320-167755/5	2017.06.06CURVE_006.d
Level 5	IC 320-167755/6	2017.06.06CURVE_007.d
Level 6	IC 320-167755/7	2017.06.06CURVE_008.d
Level 7	IC 320-167755/8	2017.06.06CURVE_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	346103 331961	345092 308736	349075 293409	333719	Ave		329727.797				6.4		50.0			
13C5-PFPeA	230569 216709	237670 209567	228725 187056	229545	Ave		219977.191				7.9		50.0			
13C2 PFHxA	207312 184845	204374 180009	203453 166161	203769	Ave		192846.077				8.2		50.0			
13C4-PFHpA	189604 173031	195593 162363	190795 149905	183891	Ave		177882.943				9.5		50.0			
18O2 PFHxS	244451 225323	251401 212419	246944 193508	239734	Ave		230540.136				9.2		50.0			
M2-6:2FTS	90705 84443	105680 82480	89684 86534	82339	Ave		88837.8135				9.1		50.0			
13C4 PFOA	188243 171300	207512 165673	195181 147060	187285	Ave		180322.043				11.3		50.0			
13C4 PFOS	187471 169346	192642 167496	188814 155849	185294	Ave		178130.093				7.8		50.0			
13C5 PFNA	165366 143197	167523 143103	164629 124172	160679	Ave		152666.940				10.6		50.0			
13C8 FOSA	323370 287307	322088 278867	328734 247881	313184	Ave		300204.537				10.0		50.0			
M2-8:2FTS	77292 74843	85710 85674	82977 78846	87673	Ave		81859.2514				6.0		50.0			
13C2 PFDA	159276 137602	167045 142263	165413 122807	161074	Ave		150782.906				11.1		50.0			
d3-NMeFOSAA	91609 89388	89456 83333	89889 83137	89622	Ave		88061.8371				3.8		50.0			
d5-NEtFOSAA	96959 86228	94999 76630	93034 68748	94453	Ave		87292.9371				12.3		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.: 320-28800-1 Analy Batch No.: 167755

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2017 13:31 Calibration End Date: 06/06/2017 14:25 Calibration ID: 31092

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								
13C2 PFUnA	128933 118203	134031 106582	131416 92233	127462	Ave		119837.151				12.8		50.0			
d-N-MeFOSA-M	87350 87518	90180 89491	91151 85721	88740	Ave		88592.9429				2.1		50.0			
13C2 PFDoA	125746 124443	127394 126074	133266 111396	123080	Ave		124485.494				5.3		50.0			
d-N-EtFOSA-M	83617 82956	84499 82487	85530 78260	81972	Ave		82760.1971				2.8		50.0			
13C2-PFTeDA	267141 261332	271193 247209	270333 219411	262981	Ave		257085.743				7.2		50.0			
13C2-PFHxDA	141412 133156	146497 130975	145589 121543	138804	Ave		136853.586				6.5		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.: 320-28800-1 Analy Batch No.: 167755

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2017 13:31 Calibration End Date: 06/06/2017 14:25 Calibration ID: 31092

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)	0.9437 0.8904	0.9206 0.7754	0.9816	0.9729	0.9453	AveID		0.9186				7.6		35.0			
Perfluoropentanoic acid (PFPeA)	1.1183 1.0258	1.0155 0.9126	1.0947	1.0468	1.0714	AveID		1.0407				6.5		35.0			
Perfluorobutanesulfonic acid (PFBS)	1.5986 1.6307	1.5479 1.3961	1.6810	1.7760	1.7972	AveID		1.6325				8.5		50.0			
4:2 FTS	0.8229 0.8838	0.7147 0.7976	0.8943	1.0299	0.8832	AveID		0.8609				11.4		35.0			
Perfluorohexanoic acid (PFHxA)	1.0175 1.0338	1.0069 0.9144	1.0358	1.0177	1.0603	AveID		1.0123				4.6		35.0			
Perfluoroheptanoic acid (PFHpA)	1.0646 1.0707	1.0257 0.9660	1.0794	1.0531	1.0754	AveID		1.0478				3.9		35.0			
Perfluorohexanesulfonic acid (PFHxS)	1.3201 1.0784	1.0975 1.0315	1.0786	1.0185	1.0459	AveID		1.0958				9.4		35.0			
6:2FTS	1.0299 1.0067	1.0250 0.8378	1.0031	1.0278	0.9851	AveID		0.9879				6.9		35.0			
Perfluorooctanoic acid (PFOA)	1.1722 1.0523	1.0449 0.9854	1.0617	1.0720	1.0908	AveID		1.0684				5.3		35.0			
Perfluoroheptanesulfonic Acid (PFHpS)	1.0961 1.1669	1.1108 1.0255	1.2252	1.1681	1.1915	AveID		1.1406				5.9		50.0			
Perfluorooctanesulfonic acid (PFOS)	0.9812 1.1008	1.0077 1.0703	1.0673	1.0458	1.1148	AveID		1.0554				4.5		35.0			
Perfluorononanoic acid (PFNA)	0.9993 1.0045	0.9618 0.9673	1.0359	0.9996	1.0481	AveID		1.0024				3.2		35.0			
Perfluorooctane Sulfonamide (FOSA)	0.9790 0.9581	1.0046 0.8204	1.0151	1.0204	0.9873	AveID		0.9693				7.1		35.0			
8:2FTS	1.0052 0.9369	0.9799 0.8784	1.0008	1.0465	0.9532	AveID		0.9716				5.6		35.0			
Perfluorodecanoic acid (PFDA)	0.9373 0.9707	0.8970 0.9503	0.9766	0.9398	0.9938	AveID		0.9522				3.3		35.0			
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	0.9477 1.0788	0.9681 1.0608	0.9864	1.1032	1.0539	AveID		1.0284				5.9		35.0			
Perfluorodecanesulfonic acid (PFDS)	0.6160 0.6988	0.6137 0.6271	0.6678	0.6502	0.7356	AveID		0.6584				6.9		50.0			
Perfluoroundecanoic acid (PFUnA)	1.2452 1.0282	1.1127 1.0056	1.0408	1.0087	1.0154	AveID		1.0652				8.2		35.0			
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	0.8343 0.9716	0.9335 0.9951	0.9490	0.9531	0.9709	AveID		0.9439				5.5		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.: 320-28800-1 Analy Batch No.: 167755

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2017 13:31 Calibration End Date: 06/06/2017 14:25 Calibration ID: 31092

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	0.8878 0.9996	0.8955 0.9878	0.9433	1.0038	1.0253	AveID		0.9633				5.7		35.0			
Perfluorododecanoic acid (PFDoA)	0.9800 0.9698	0.9538 0.8916	0.9717	0.9898	0.9368	AveID		0.9562				3.5		35.0			
N-EtFOSA-M	0.9164 1.0694	0.9263 1.0280	0.9730	1.0468	1.0427	AveID		1.0004				6.2		35.0			
Perfluorotridecanoic Acid (PFTriA)	1.0201 0.9327	1.0014 0.8929	1.0008	1.0809	1.0691	AveID		0.9997				6.8		50.0			
Perfluorotetradecanoic acid (PFTeA)	2.2158 1.9502	2.2153 1.7677	2.1711	2.2507	2.2303	L2ID	0.0916	2.0715							0.9920		0.9900
Perfluoro-n-hexadecanoic acid (PFHxDA)	+++++ 0.9205	1.6871 0.8982	1.1031	1.0175	0.9612	L2ID	0.7562	0.9360							0.9990		0.9900
Perfluoro-n-octadecanoic acid (PFODA)	0.8363 0.8550	0.9351 0.8405	0.9571	0.9342	0.8375	AveID		0.8851				6.1		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.: 320-28800-1 Analy Batch No.: 167755

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2017 13:31 Calibration End Date: 06/06/2017 14:25 Calibration ID: 31092

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-167755/2	2017.06.06CURVE_003.d
Level 2	IC 320-167755/3	2017.06.06CURVE_004.d
Level 3	IC 320-167755/4	2017.06.06CURVE_005.d
Level 4	IC 320-167755/5	2017.06.06CURVE_006.d
Level 5	IC 320-167755/6	2017.06.06CURVE_007.d
Level 6	IC 320-167755/7	2017.06.06CURVE_008.d
Level 7	IC 320-167755/8	2017.06.06CURVE_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	17305149 15436785	17254592 14670457	17453757	16685960	16598029	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C5-PFPeA	Ave	11528458 10478326	11883512 9352823	11436238	11477234	10835426	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C2 PFHxA	Ave	10365586 9000471	10218685 8308032	10172648	10188431	9242274	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C4-PFHpA	Ave	9480183 8118133	9779640 7495237	9539730	9194541	8651566	50.0 50.0	50.0 50.0	50.0	50.0	50.0
18O2 PFHxS	Ave	11562555 10047436	11891249 9152921	11680454	11339438	10657786	47.3 47.3	47.3 47.3	47.3	47.3	47.3
M2-6:2FTS	Ave	4308473 3917803	5019816 4110352	4259968	3911109	4011052	47.5 47.5	47.5 47.5	47.5	47.5	47.5
13C4 PFOA	Ave	9412163 8283659	10375611 7352976	9759048	9364253	8565005	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C4 PFOS	Ave	8961127 8006290	9208275 7449567	9025287	8857038	8094745	47.8 47.8	47.8 47.8	47.8	47.8	47.8
13C5 PFNA	Ave	8268279 7155137	8376141 6208617	8231460	8033929	7159866	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C8 FOSA	Ave	16168522 13943325	16104401 12394073	16436681	15659216	14365370	50.0 50.0	50.0 50.0	50.0	50.0	50.0
M2-8:2FTS	Ave	3702308 4103773	4105522 3776708	3974583	4199515	3584998	47.9 47.9	47.9 47.9	47.9	47.9	47.9
13C2 PFDA	Ave	7963788 7113155	8352262 6140363	8270641	8053713	6880095	50.0 50.0	50.0 50.0	50.0	50.0	50.0
d3-NMeFOSAA	Ave	4580441 4166659	4472776 4156833	4494472	4481079	4469383	50.0 50.0	50.0 50.0	50.0	50.0	50.0
d5-NEtFOSAA	Ave	4847930 3831476	4749964 3437412	4651680	4722646	4311420	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C2 PFUnA	Ave	6446658 5329123	6701532 4611652	6570792	6373111	5910135	50.0 50.0	50.0 50.0	50.0	50.0	50.0

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1 Analy Batch No.: 167755

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2017 13:31 Calibration End Date: 06/06/2017 14:25 Calibration ID: 31092

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	4367482 4474532	4508975 4286058	4557564	4437019	4375900	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C2 PFDoA	Ave	6287318 6303717	6369681 5569779	6663278	6153979	6222171	50.0 50.0	50.0 50.0	50.0	50.0	50.0
d-N-EtFOSA-M	Ave	4180858 4124361	4224964 3912999	4276499	4098578	4147810	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C2-PFTeDA	Ave	13357074 12360442	13559654 10970549	13516644	13149033	13066614	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C2-PFHxDA	Ave	7070589 6548753	7324836 6077148	7279427	6940209	6657793	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:
Ave = Average

FORM VI
LCMS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1 Analy Batch No.: 167755

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2017 13:31 Calibration End Date: 06/06/2017 14:25 Calibration ID: 31092

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-167755/2	2017.06.06CURVE_003.d
Level 2	IC 320-167755/3	2017.06.06CURVE_004.d
Level 3	IC 320-167755/4	2017.06.06CURVE_005.d
Level 4	IC 320-167755/5	2017.06.06CURVE_006.d
Level 5	IC 320-167755/6	2017.06.06CURVE_007.d
Level 6	IC 320-167755/7	2017.06.06CURVE_008.d
Level 7	IC 320-167755/8	2017.06.06CURVE_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	163317 27491311	317703 45503740	1713334	6493513	15690403	0.500 100	1.00 200	5.00	20.0	50.0
Perfluoropentanoic acid (PFPeA)		AveID	128926 21498244	241349 34142749	1251931	4805868	11608590	0.500 100	1.00 200	5.00	20.0	50.0
Perfluorobutanesulfonic acid (PFBS)		AveID	172729 30621227	344009 47764002	1834796	7527479	17899004	0.442 88.4	0.884 177	4.42	17.7	44.2
4:2 FTS		AveID	34859 6808579	70543 12892114	374572	1584153	3482714	0.467 93.4	0.934 187	4.67	18.7	46.7
Perfluorohexanoic acid (PFHxA)		AveID	105468 18608789	205783 30388186	1053687	4147414	9799146	0.500 100	1.00 200	5.00	20.0	50.0
Perfluoroheptanoic acid (PFHpA)		AveID	100930 17384856	200613 28962446	1029680	3873044	9303637	0.500 100	1.00 200	5.00	20.0	50.0
Perfluorohexanesulfonic acid (PFHxS)		AveID	146827 20846360	251075 36326380	1211890	4443874	10722835	0.455 91.0	0.910 182	4.55	18.2	45.5
6:2FTS		AveID	44278 7871580	102685 13746035	426423	1604502	3942830	0.474 94.8	0.948 190	4.74	19.0	47.4
Perfluorooctanoic acid (PFOA)		AveID	110327 17433456	216821 28982100	1036095	4015277	9342547	0.500 100	1.00 200	5.00	20.0	50.0
Perfluoroheptanesulfonic Acid (PFHpS)		AveID	97814 18606449	203708 30429275	1101144	4121001	9604345	0.476 95.2	0.952 190	4.76	19.0	47.6
Perfluorooctanesulfonic acid (PFOS)		AveID	85347 17109959	180154 30958564	935018	3596640	8759357	0.464 92.8	0.928 186	4.64	18.6	46.4
Perfluorononanoic acid (PFNA)		AveID	82628 14375092	161116 24022877	852732	3212440	7504157	0.500 100	1.00 200	5.00	20.0	50.0
Perfluorooctane Sulfonamide (FOSA)		AveID	158290 26718233	323576 40674110	1668408	6391277	14183021	0.500 100	1.00 200	5.00	20.0	50.0
8:2FTS		AveID	37217 7689657	80461 13269259	397779	1757951	3417126	0.479 95.8	0.958 192	4.79	19.2	47.9
Perfluorodecanoic acid (PFDA)		AveID	74641 13809842	149846 23341247	807683	3027625	6837691	0.500 100	1.00 200	5.00	20.0	50.0

FORM VI
LCMS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1 Analy Batch No.: 167755

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2017 13:31 Calibration End Date: 06/06/2017 14:25 Calibration ID: 31092

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	43409 8990148	86601 17638254	443332	1977330	4710158	0.500 100	1.00 200	5.00	20.0	50.0
Perfluorodecanesulfonic acid (PFDS)		AveID	55658 11283031	113968 18842939	607766	2322699	6004418	0.482 96.4	0.964 193	4.82	19.3	48.2
Perfluoroundecanoic acid (PFUnA)		AveID	80271 10958427	149138 18549751	683898	2571433	6001124	0.500 100	1.00 200	5.00	20.0	50.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)		AveID	40446 7444963	88680 13681734	441438	1800439	4185883	0.500 100	1.00 200	5.00	20.0	50.0
MeFOSA		AveID	38773 8945690	80752 16935326	429934	1781501	4486631	0.500 100	1.00 200	5.00	20.0	50.0
Perfluorododecanoic acid (PFDoA)		AveID	61616 12226133	121510 19864028	647442	2436486	5829140	0.500 100	1.00 200	5.00	20.0	50.0
N-EtFOSA-M		AveID	38312 8820848	78271 16090825	416107	1716234	4324767	0.500 100	1.00 200	5.00	20.0	50.0
Perfluorotridecanoic Acid (PFTriA)		AveID	64138 11758359	127566 19892555	666888	2660759	6652200	0.500 100	1.00 200	5.00	20.0	50.0
Perfluorotetradecanoic acid (PFTeA)		L2ID	139315 24586938	282213 39382531	1446661	5540367	13877084	0.500 100	1.00 200	5.00	20.0	50.0
Perfluoro-n-hexadecanoic acid (PFHxDA)		L2ID	+++++ 11604953	214925 20012102	735058	2504738	5980612	+++++ 100	1.00 200	5.00	20.0	50.0
Perfluoro-n-octadecanoic acid (PFODA)		AveID	52583 10779764	119125 18725750	637726	2299688	5210924	0.500 100	1.00 200	5.00	20.0	50.0

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\20170606-43899.b\2017.06.06CURVE_003.d
Lims ID: IC L1 Full
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 06-Jun-2017 13:31:58 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\20170606-43899.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 07-Jun-2017 08:20:07 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK033

First Level Reviewer: chandrasenas Date: 06-Jun-2017 14:39:22

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	1.754	1.746	0.008		17305149	52.5		105	182216	
2 Perfluorobutyric acid										
212.90 > 169.00	1.757	1.749	0.008	1.000	163317	0.5137		103	120	
D 3 13C5-PFPeA										
267.90 > 223.00	2.087	2.073	0.014		11528458	52.4		105	45666	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.087	2.074	0.013	1.000	128926	0.5373		107	41.3	
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.123	2.111	0.012	1.000	172729	0.4328		97.9		
298.90 > 99.00	2.123	2.111	0.012	1.000	72290		2.39(0.00-0.00)	97.9		
D 47 13C3-PFBS										
301.90 > 83.00	2.123	2.111	0.012		274776	NC				
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.387	2.373	0.014	1.000	34859	0.4464		95.6		
D 7 13C2 PFHxA										
315.00 > 270.00	2.430	2.413	0.017		10365586	53.8		108	31813	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.430	2.415	0.015	1.000	105468	0.5025		101	261	
D 9 13C4-PFHpA										
367.00 > 322.00	2.811	2.792	0.019		9480183	53.3		107	29935	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.811	2.793	0.018	1.000	100930	0.5080		102	52.4	
D 11 18O2 PFHxS										
403.00 > 84.00	2.819	2.803	0.016		11562555	50.2		106	20803	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.819	2.803	0.016	1.000	146827	0.5481		120		

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	3.170	3.151	0.019		4308473	48.5		102		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.170	3.153	0.017	1.000	44278	0.4941		104		
* 62 13C2-PFOA										
415.00 > 370.00	3.190	3.174	0.016		10163286	50.0				
D 14 13C4 PFOA										
417.00 > 372.00	3.190	3.176	0.014		9412163	52.2		104	29013	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.196	3.178	0.018	1.000	110327	0.5485		110	42.0	
413.00 > 169.00	3.196	3.178	0.018	1.000	62073		1.78(0.90-1.10)	110	221	
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.196	3.179	0.017	1.000	97814	0.4575		96.1		
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.566	3.481	0.085	1.000	85347	0.4314		93.0	407	
499.00 > 99.00	3.566	3.481	0.085	1.000	19844		4.30(0.90-1.10)	93.0	211	
D 18 13C4 PFOS										
503.00 > 80.00	3.566	3.546	0.020		8961127	50.3		105	13702	
D 19 13C5 PFNA										
468.00 > 423.00	3.572	3.555	0.017		8268279	54.2		108	20640	
20 Perfluorononanoic acid										
463.00 > 419.00	3.572	3.557	0.015	1.000	82628	0.4985		99.7	115	
D 21 13C8 FOSA										
506.00 > 78.00	3.906	3.888	0.018		16168522	53.9		108	16956	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	3.906	3.889	0.017	1.000	158290	0.5050		101	1866	
D 26 M2-8:2FTS										
529.00 > 509.00	3.921	3.903	0.018		3702308	45.2		94.4		
D 23 13C2 PFDA										
515.00 > 470.00	3.921	3.908	0.013		7963788	52.8		106	12802	
24 Perfluorodecanoic acid										
513.00 > 469.00	3.921	3.909	0.012	1.000	74641	0.4921		98.4	339	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	3.921	3.912	0.009	1.000	37217	0.4956		103		
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.076	4.064	0.012		4580441	52.0		104		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.084	4.067	0.017	1.002	43409	0.4608		92.2		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.221	4.202	0.019	1.000	55658	0.4509		93.5		
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.238	4.225	0.013		4847930	55.5		111		
D 30 13C2 PFUnA										
565.00 > 520.00	4.238	4.226	0.012		6446658	53.8		108	12646	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.238	4.226	0.012	1.000	80271	0.5845		117	293	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.248	4.233	0.015	1.002	40446	0.4419		88.4		

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	4.375	4.364	0.011		4367482	49.3		98.6		
35 MeFOSA										
512.00 > 169.00	4.384	4.370	0.014	1.000	38773	0.4608		92.2		
37 Perfluorododecanoic acid										
613.00 > 569.00	4.516	4.509	0.007	1.000	61616	0.5124		102	24.9	
D 36 13C2 PFDoA										
615.00 > 570.00	4.516	4.509	0.007		6287318	50.5		101	6401	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.555	4.540	0.015		4180858	50.5		101		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.565	4.550	0.015	1.000	38312	0.4580		91.6		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.772	4.762	0.010	1.000	64138	0.5102		102	75.8	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	4.994	4.988	0.006	1.000	139315	0.4906		98.1	143	
713.00 > 169.00	4.994	4.988	0.006	1.000	23417		5.95(0.00-0.00)	98.1	414	
D 43 13C2-PFTeDA										
715.00 > 670.00	4.994	4.988	0.006		13357074	52.0		104	14253	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.401	5.391	0.009		7070589	51.7		103	5929	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.401	5.395	0.005	1.000	153166	0.4934		98.7	115	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.751	5.745	0.006	1.000	52583	0.4724		94.5	80.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L1_00004 Amount Added: 1.00 Units: mL

Report Date: 07-Jun-2017 08:20:08 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_003.d

Injection Date: 06-Jun-2017 13:31:58 Instrument ID: A8_N

Lims ID: IC L1 Full

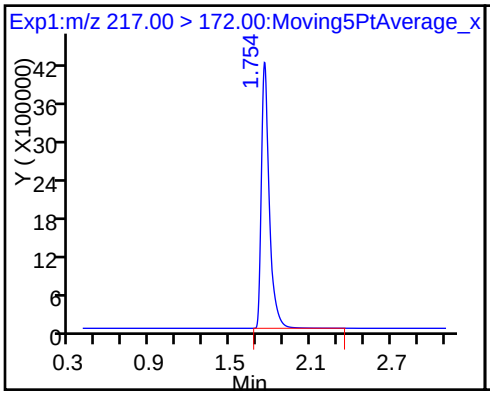
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 28 Worklist Smp#: 2

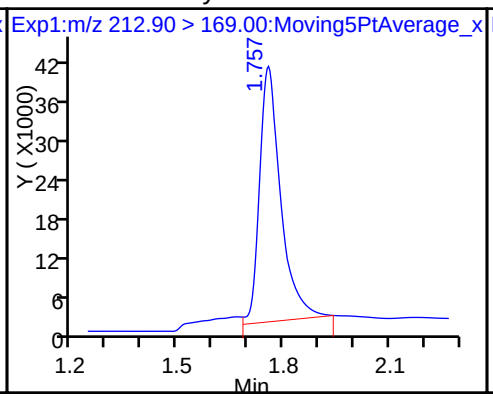
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

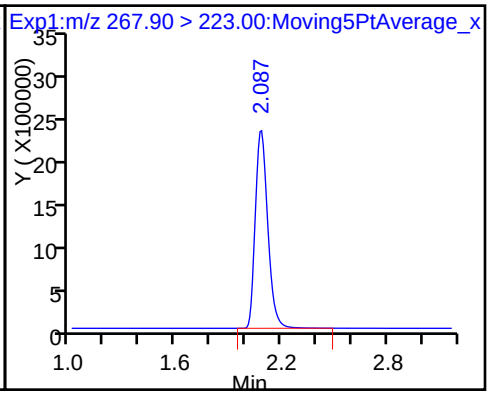
D 1 13C4 PFBA



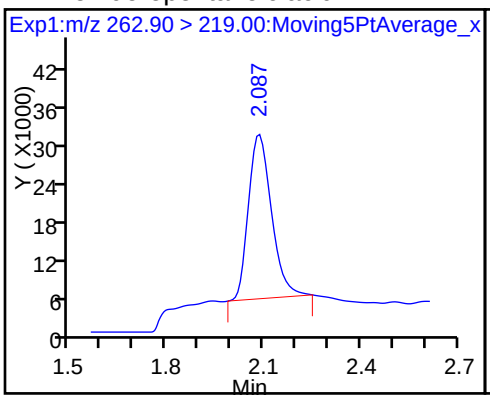
2 Perfluorobutyric acid



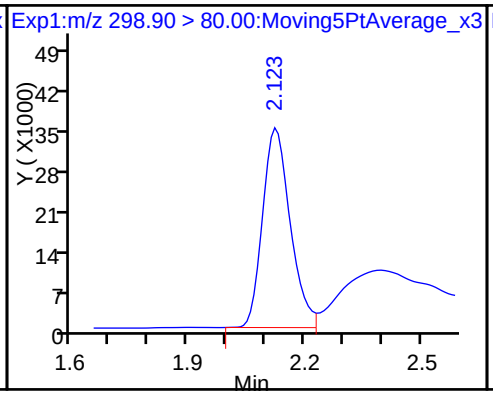
D 3 13C5-PFPeA



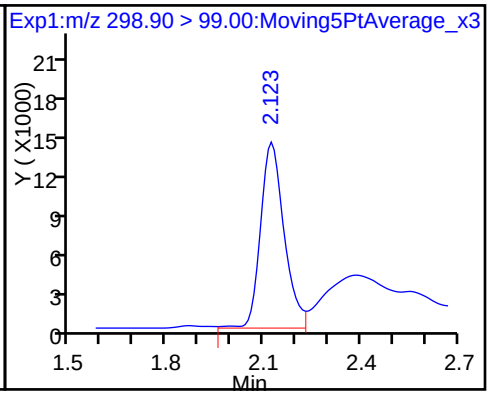
4 Perfluoropentanoic acid



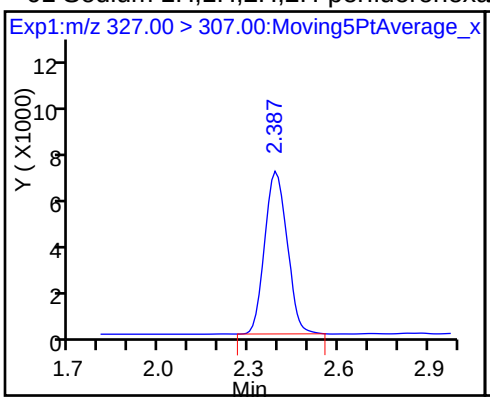
5 Perfluorobutanesulfonic acid



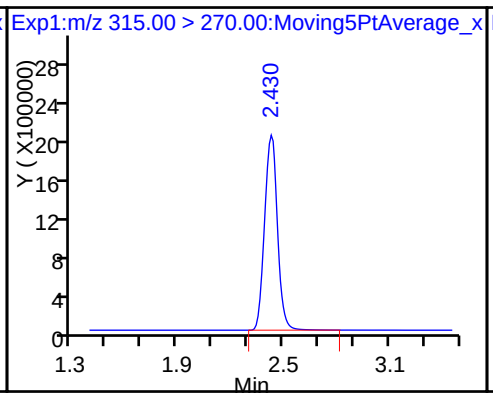
5 Perfluorobutanesulfonic acid



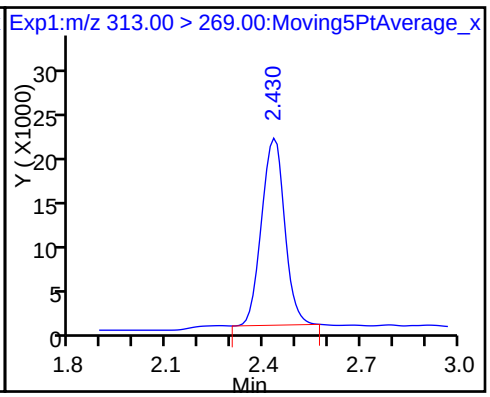
61 Sodium 1H,1H,2H,2H-perfluorohexa



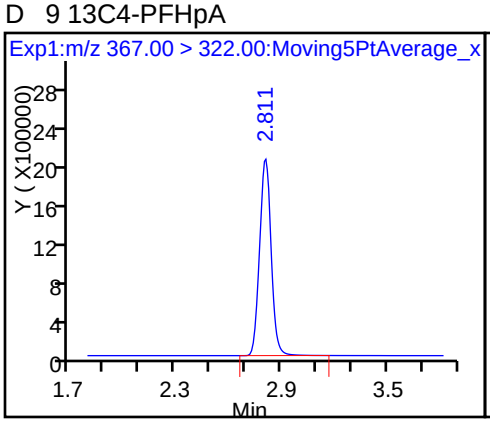
D 7 13C2 PFHxA



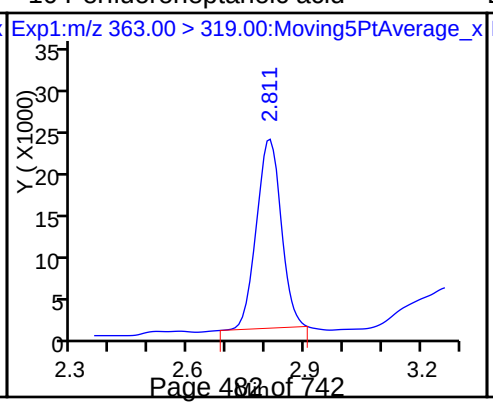
6 Perfluorohexanoic acid



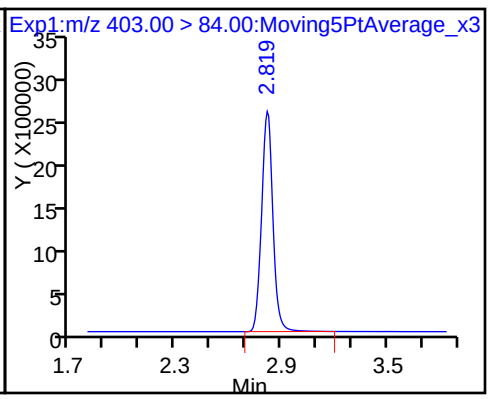
D 9 13C4-PFHpA



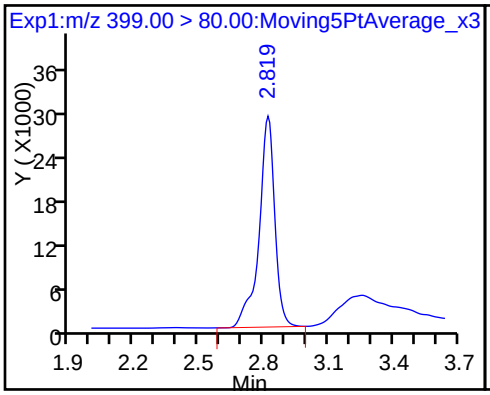
10 Perfluoroheptanoic acid



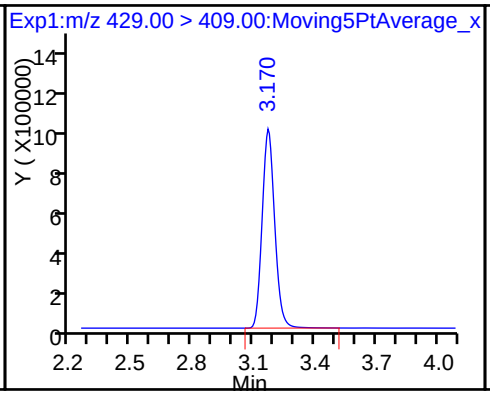
D 11 18O2 PFHxS



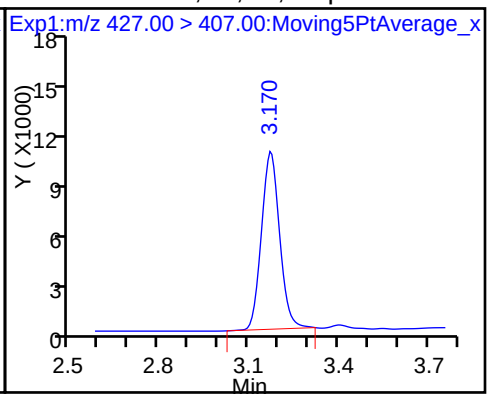
8 Perfluorohexanesulfonic acid



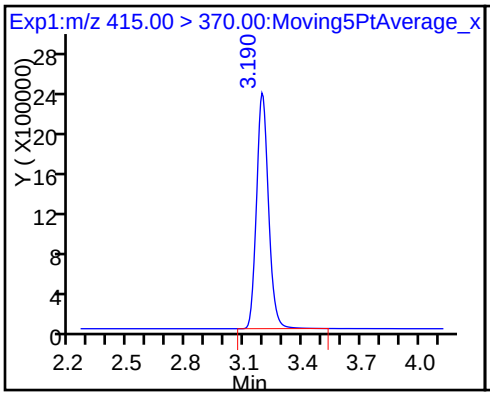
D 12 M2-6:2FTS



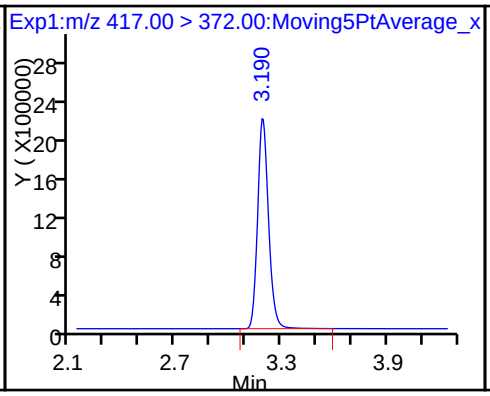
13 Sodium 1H,1H,2H,2H-perfluorooctane



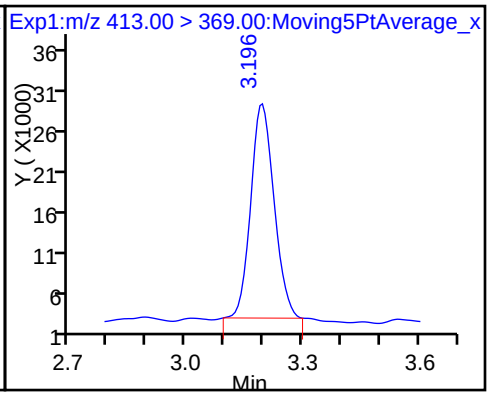
* 62 13C2-PFOA



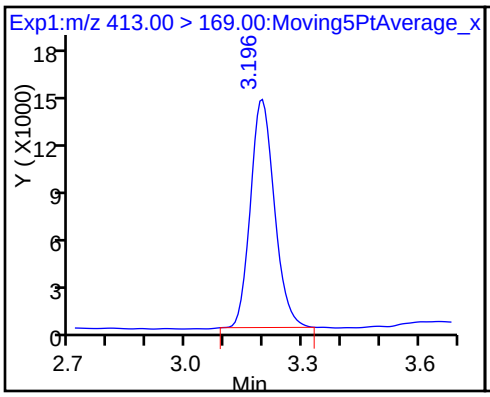
D 14 13C4 PFOA



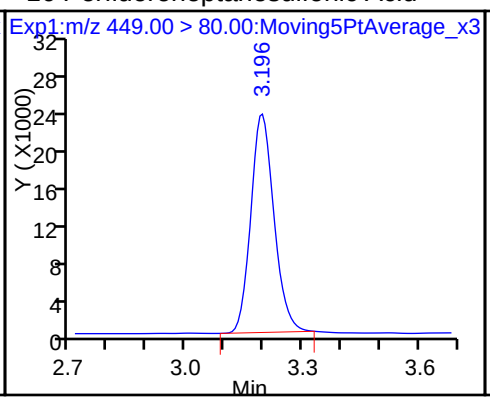
15 Perfluorooctanoic acid



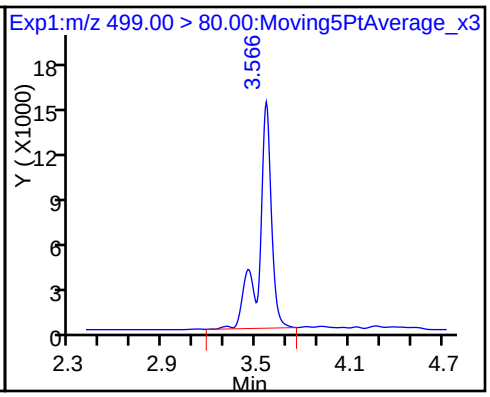
15 Perfluorooctanoic acid



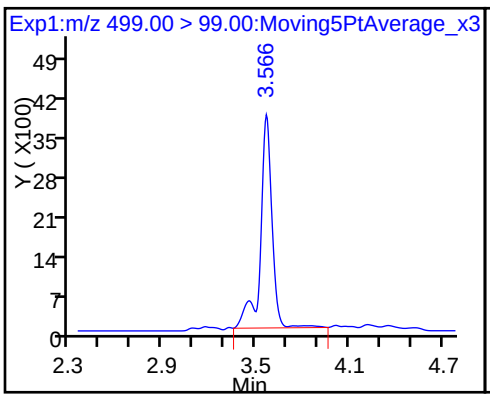
16 Perfluoroheptanesulfonic Acid



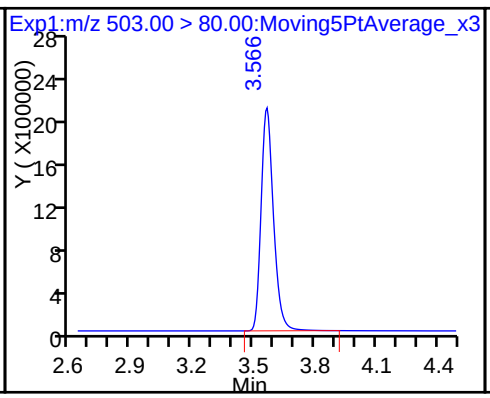
17 Perfluorooctane sulfonic acid



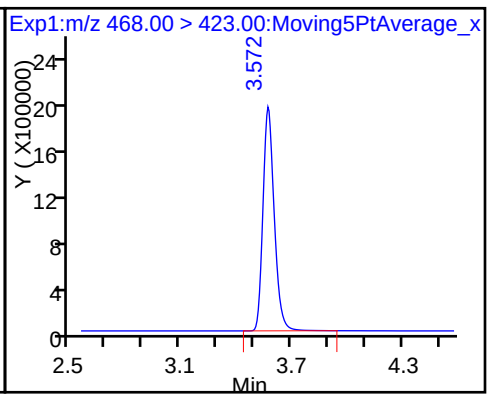
17 Perfluorooctane sulfonic acid



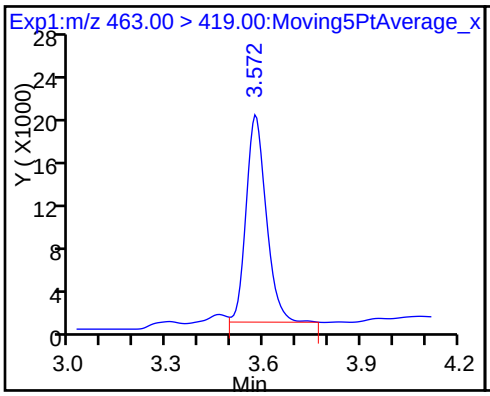
D 18 13C4 PFOS



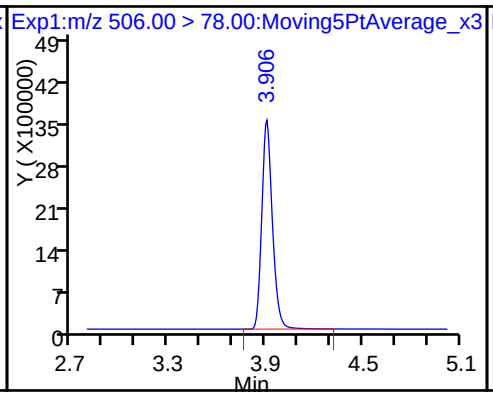
D 19 13C5 PFNA



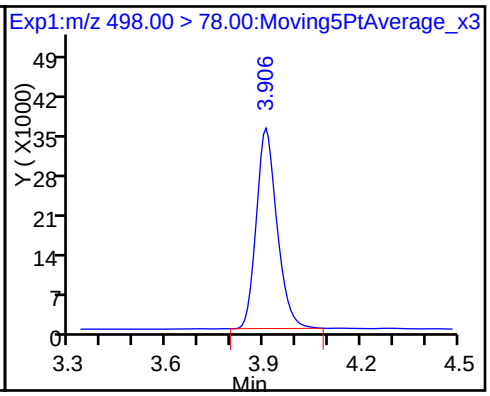
20 Perfluorononanoic acid



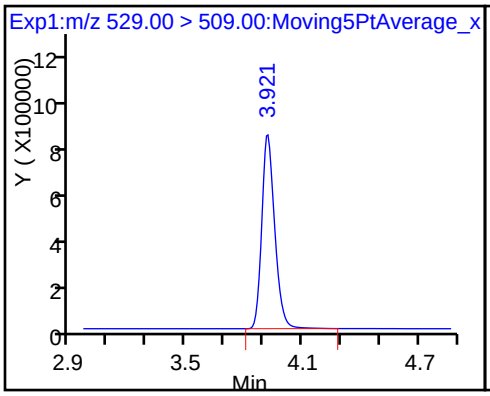
D 21 13C8 FOSA



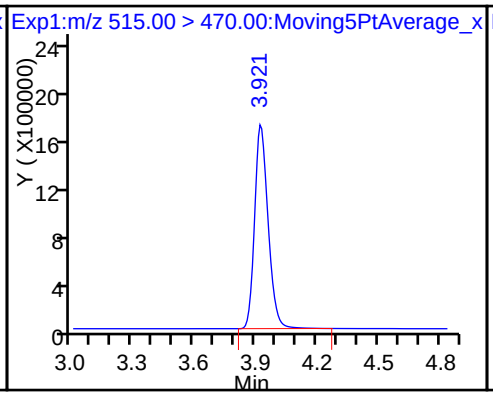
22 Perfluorooctane Sulfonamide



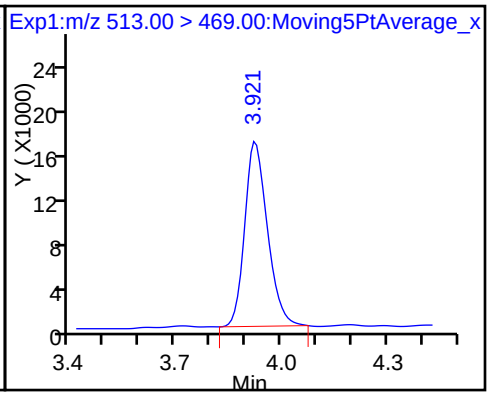
D 26 M2-8:2FTS



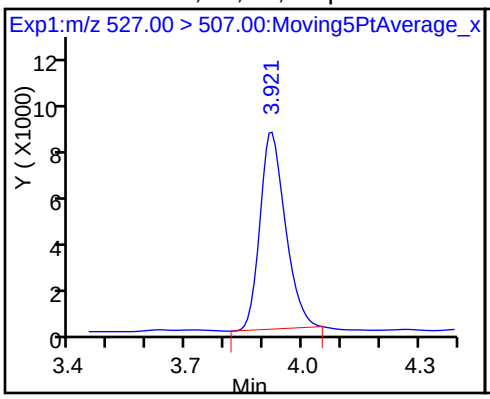
D 23 13C2 PFDA



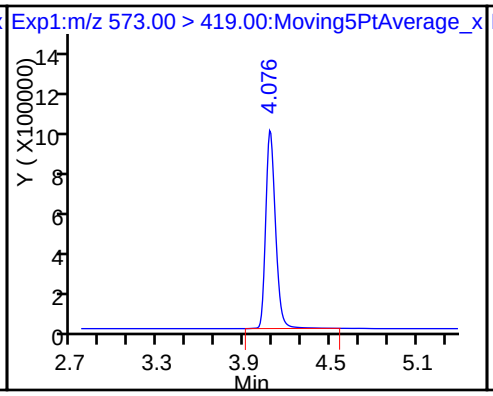
24 Perfluorodecanoic acid



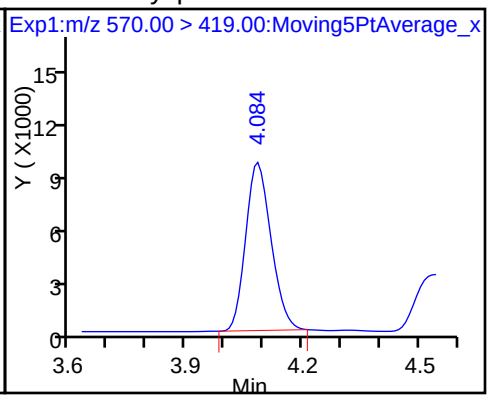
25 Sodium 1H,1H,2H,2H-perfluorodecane



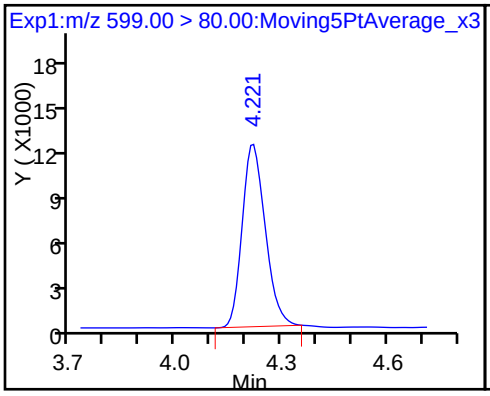
D 27 d3-NMeFOSAA



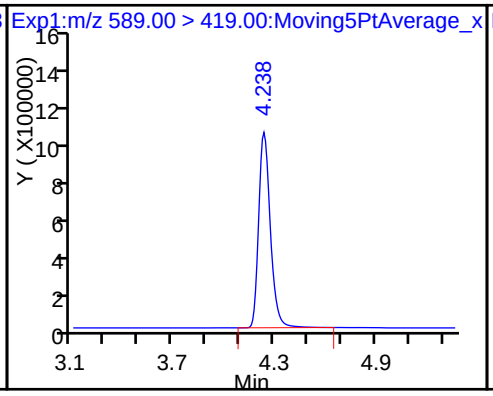
28 N-methyl perfluorooctane sulfonami



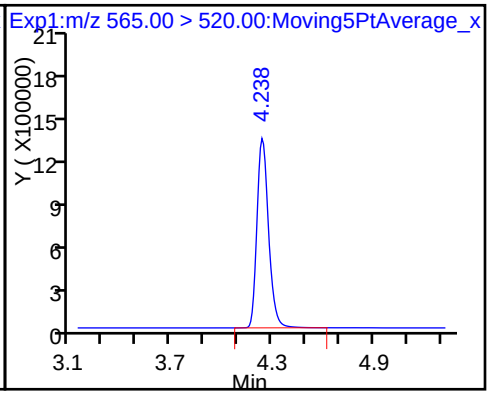
29 Perfluorodecane Sulfonic acid



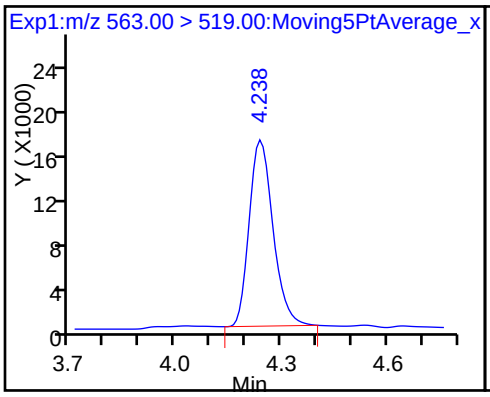
D 32 d5-NEtFOSAA



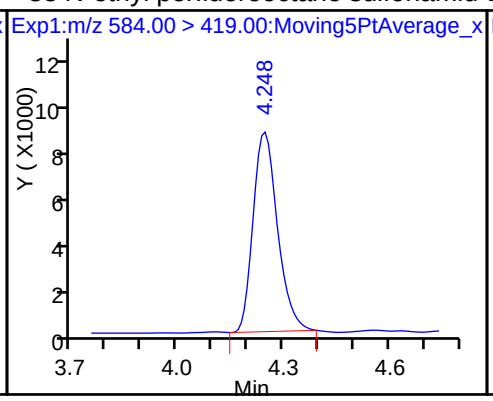
D 30 13C2 PFUnA



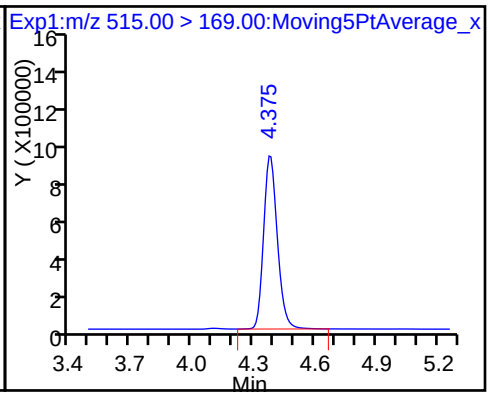
31 Perfluoroundecanoic acid



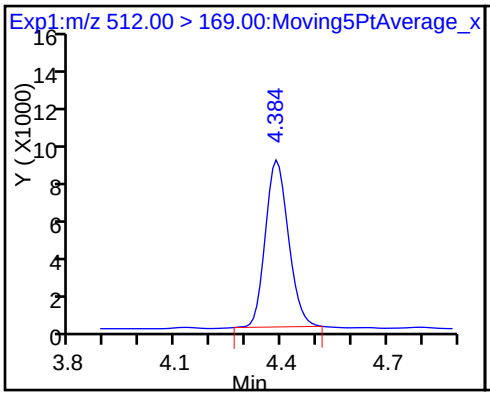
33 N-ethyl perfluorooctane sulfonamid



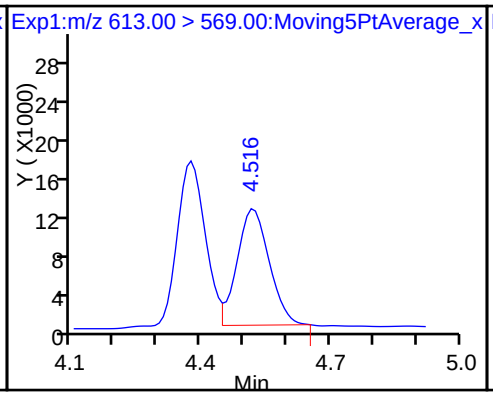
D 34 d-N-MeFOSA-M



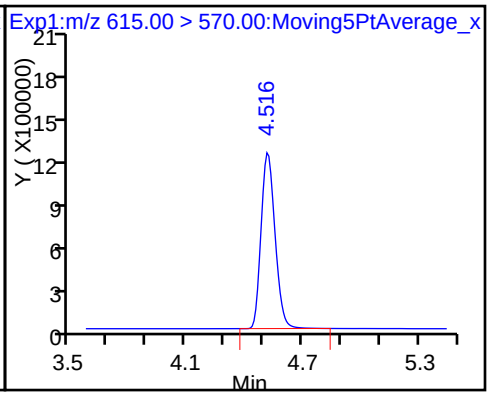
35 MeFOSA



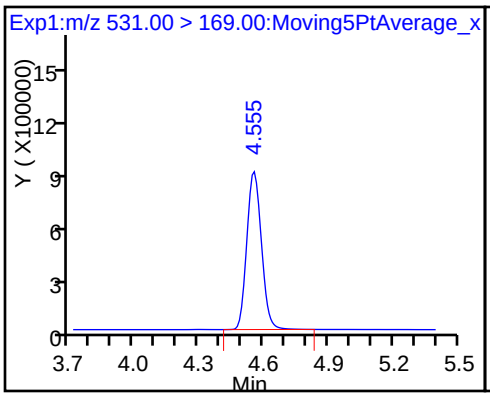
37 Perfluorododecanoic acid



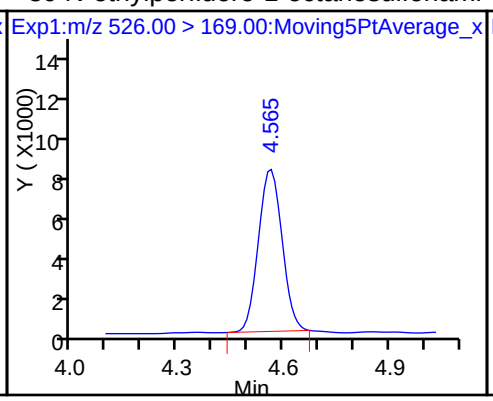
D 36 13C2 PFDoA



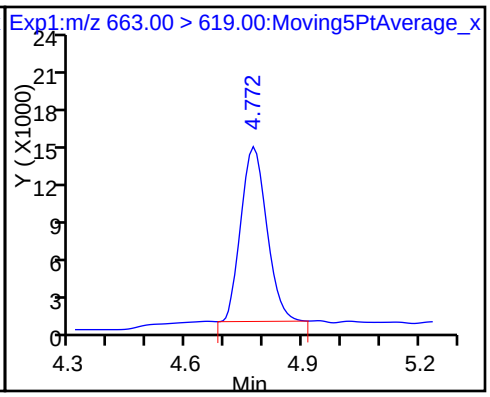
D 38 d-N-EtFOSA-M



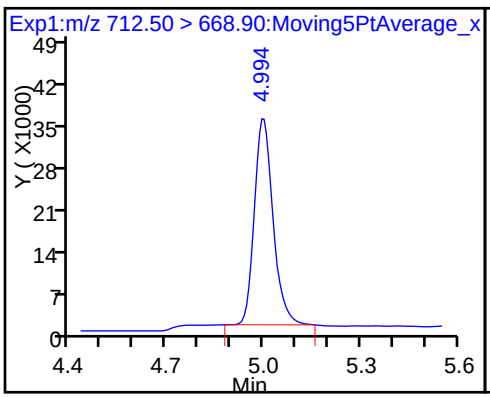
39 N-ethylperfluoro-1-octanesulfonami



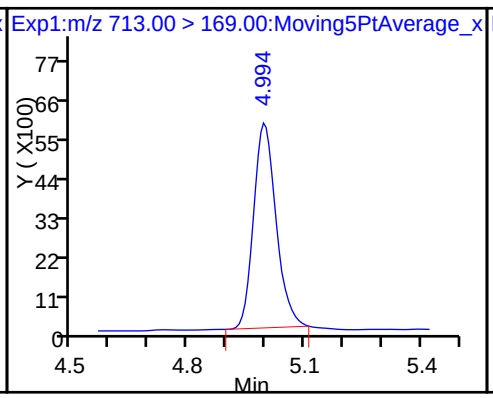
41 Perfluorotridecanoic acid



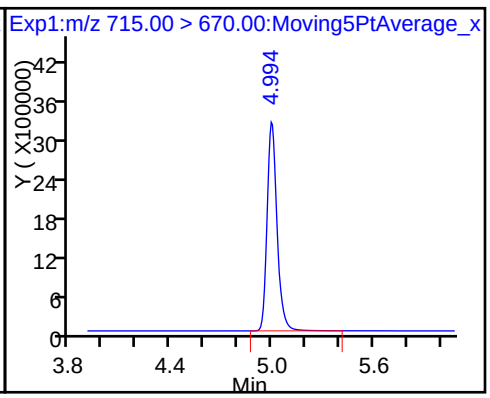
42 Perfluorotetradecanoic acid



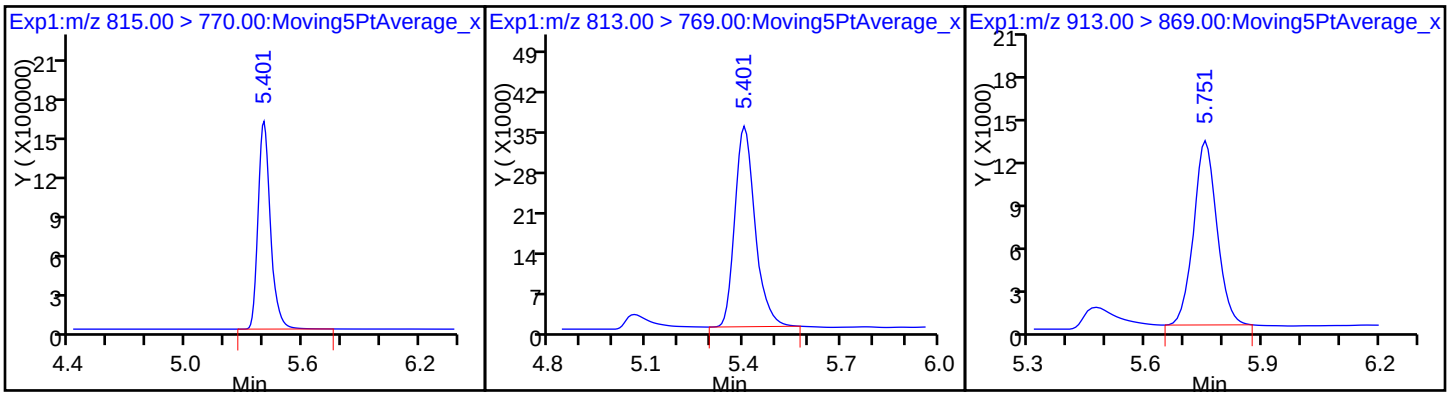
42 Perfluorotetradecanoic acid



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\20170606-43899.b\2017.06.06CURVE_004.d
Lims ID: IC L2 Full
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 06-Jun-2017 13:39:40 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\20170606-43899.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 07-Jun-2017 08:20:11 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK033

First Level Reviewer: chandrasenas Date: 06-Jun-2017 14:49:57

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	1.750	1.746	0.004		17254592	52.3		105	191685	
2 Perfluorobutyric acid										
212.90 > 169.00	1.754	1.749	0.005	1.000	317703	1.00		100	216	
D 3 13C5-PFPeA										
267.90 > 223.00	2.078	2.073	0.005		11883512	54.0		108	37541	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.078	2.074	0.004	1.000	241349	0.9757		97.6	78.9	
D 47 13C3-PFBS										
301.90 > 83.00	2.114	2.111	0.003		276154	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.114	2.111	0.003	1.000	344009	0.8382		94.8		
298.90 > 99.00	2.114	2.111	0.003	1.000	140489		2.45(0.00-0.00)	94.8		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.377	2.373	0.004	1.000	70543	0.7753		83.0		
D 7 13C2 PFHxA										
315.00 > 270.00	2.420	2.413	0.007		10218685	53.0		106	31598	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.420	2.415	0.005	1.000	205783	0.99		99.5	513	
D 9 13C4-PFHpA										
367.00 > 322.00	2.796	2.792	0.004		9779640	55.0		110	31517	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.796	2.793	0.003	1.000	200613	0.9788		97.9	92.7	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.812	2.803	0.009	1.000	251075	0.9114		100		
D 11 18O2 PFHxS										
403.00 > 84.00	2.812	2.803	0.009		11891249	51.6		109	17575	

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	3.159	3.151	0.008		5019816	56.5		119		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.159	3.153	0.006	1.000	102685	0.9836		104		
* 62 13C2-PFOA										
415.00 > 370.00	3.180	3.174	0.006		10951161	50.0				
D 14 13C4 PFOA										
417.00 > 372.00	3.186	3.176	0.010		10375611	57.5		115	25600	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.186	3.178	0.008	1.000	216821	0.9779		97.8	80.9	
413.00 > 169.00	3.186	3.178	0.008	1.000	128447		1.69(0.90-1.10)	97.8	442	
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.186	3.179	0.007	1.000	203708	0.9271		97.4		
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.441	3.481	-0.040	1.000	180154	0.8861		95.5	253	
499.00 > 99.00	3.555	3.481	0.074	1.033	37658		4.78(0.90-1.10)	95.5	326	
D 18 13C4 PFOS										
503.00 > 80.00	3.555	3.546	0.009		9208275	51.7		108	17255	
D 19 13C5 PFNA										
468.00 > 423.00	3.562	3.555	0.007		8376141	54.9		110	30103	
20 Perfluorononanoic acid										
463.00 > 419.00	3.562	3.557	0.005	1.000	161116	0.9595		95.9	224	
D 21 13C8 FOSA										
506.00 > 78.00	3.895	3.888	0.007		16104401	53.6		107	20166	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	3.895	3.889	0.006	1.000	323576	1.04		104	3122	
D 26 M2-8:2FTS										
529.00 > 509.00	3.910	3.903	0.007		4105522	50.2		105		
D 23 13C2 PFDA										
515.00 > 470.00	3.917	3.908	0.009		8352262	55.4		111	13503	
24 Perfluorodecanoic acid										
513.00 > 469.00	3.917	3.909	0.008	1.000	149846	0.9420		94.2	620	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	3.910	3.912	-0.002	1.000	80461	0.9662		101		
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.072	4.064	0.008		4472776	50.8		102		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.072	4.067	0.005	1.000	86601	0.9414		94.1		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.208	4.202	0.006	1.000	113968	0.8985		93.2		
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.234	4.225	0.009		4749964	54.4		109		
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.234	4.226	0.008	1.000	149138	1.04		104	558	
D 30 13C2 PFUnA										
565.00 > 520.00	4.234	4.226	0.008		6701532	55.9		112	11883	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.243	4.233	0.010	1.002	88680	0.9890		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	4.370	4.364	0.006		4508975	50.9		102		
35 MeFOSA										
512.00 > 169.00	4.379	4.370	0.009	1.000	80752	0.9296		93.0		
D 36 13C2 PFDoA										
615.00 > 570.00	4.519	4.509	0.010		6369681	51.2		102	7081	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.519	4.509	0.010	1.000	121510	1.00		99.7	47.3	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.549	4.540	0.009		4224964	51.1		102		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.559	4.550	0.009	1.000	78271	0.9260		92.6		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.775	4.762	0.013	1.000	127566	1.00		100	150	
D 43 13C2-PFTeDA										
715.00 > 670.00	4.996	4.988	0.008		13559654	52.7		105	14462	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	4.996	4.988	0.008	1.000	282213	1.03		103	280	
713.00 > 169.00	4.996	4.988	0.008	1.000	43496		6.49(0.00-0.00)	103	903	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.403	5.391	0.012		7324836	53.5		107	5364	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.403	5.395	0.008	1.000	214925	0.99		99.5	152	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.757	5.745	0.012	1.000	119125	1.06		106	133	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L2_00005 Amount Added: 1.00 Units: mL

Report Date: 07-Jun-2017 08:20:11 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_004.d

Injection Date: 06-Jun-2017 13:39:40 Instrument ID: A8_N

Lims ID: IC L2 Full

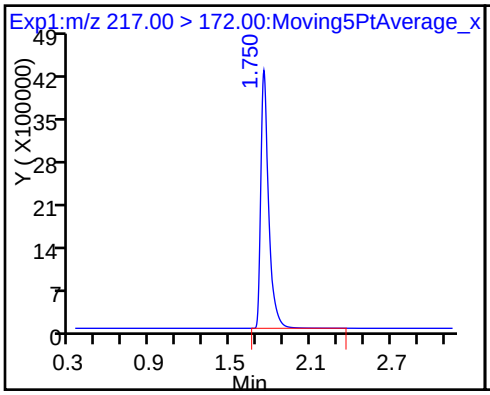
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 29 Worklist Smp#: 3

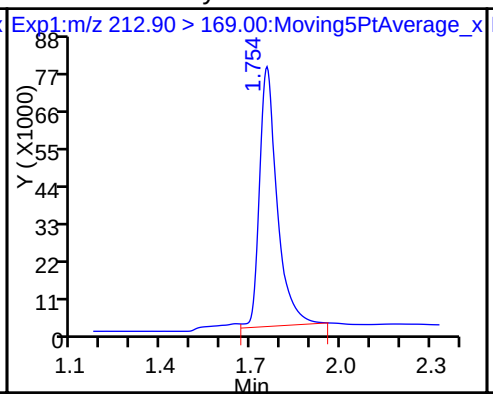
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

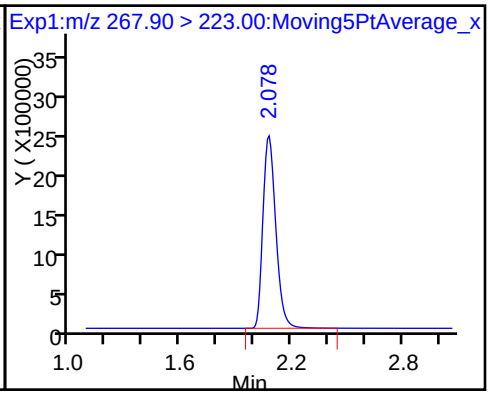
D 1 13C4 PFBA



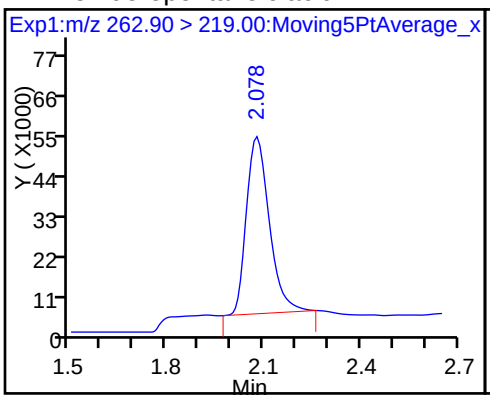
2 Perfluorobutyric acid



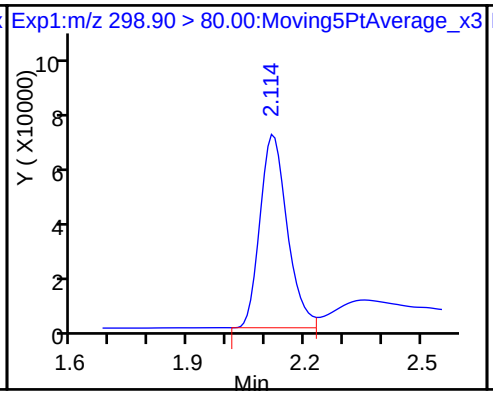
D 3 13C5-PFPeA



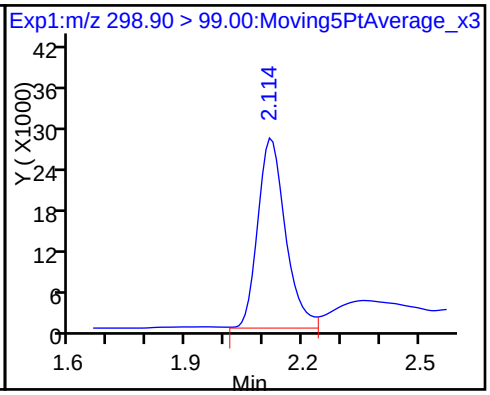
4 Perfluoropentanoic acid



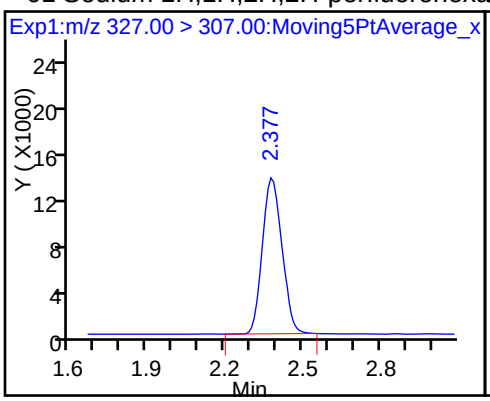
5 Perfluorobutanesulfonic acid



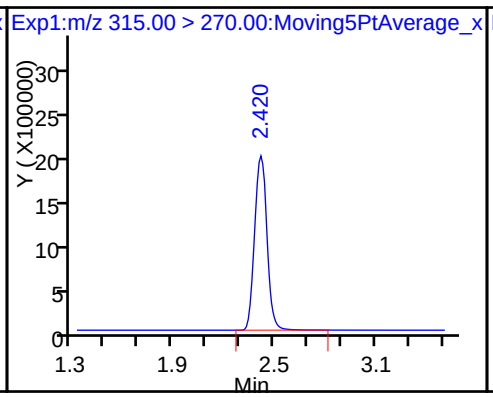
5 Perfluorobutanesulfonic acid



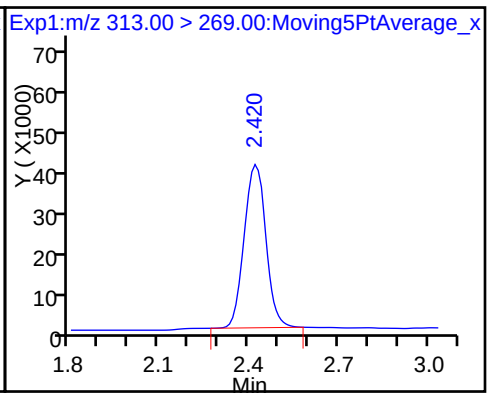
61 Sodium 1H,1H,2H,2H-perfluorohexa



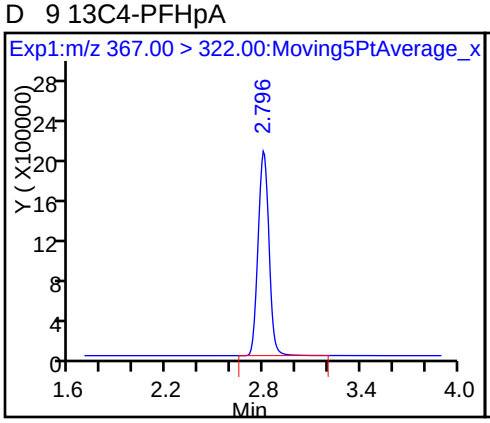
De 7 13C2 PFHxA



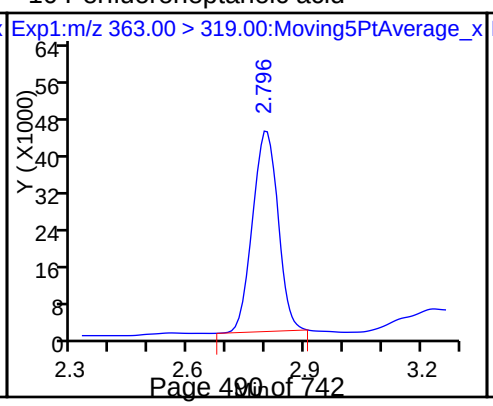
6 Perfluorohexanoic acid



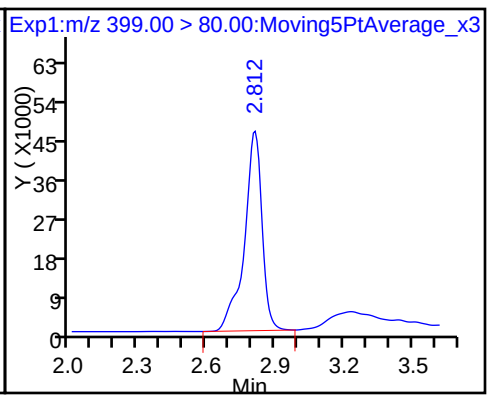
D 9 13C4-PFHpA



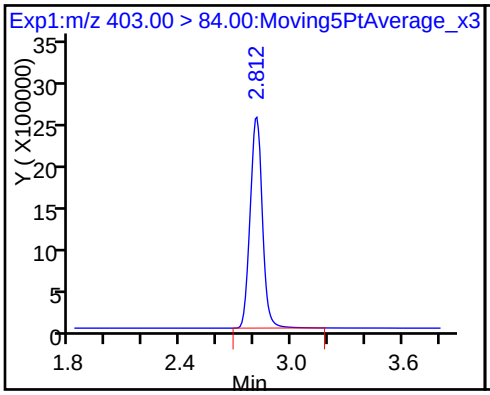
10 Perfluoroheptanoic acid



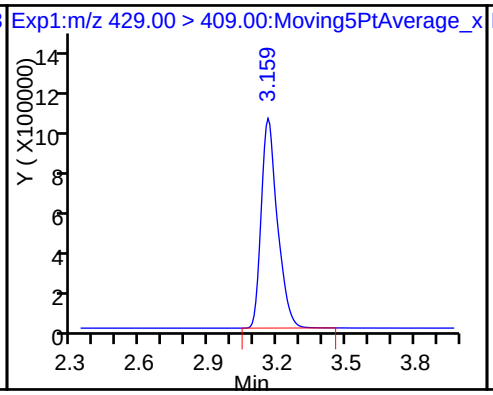
8 Perfluorohexanesulfonic acid



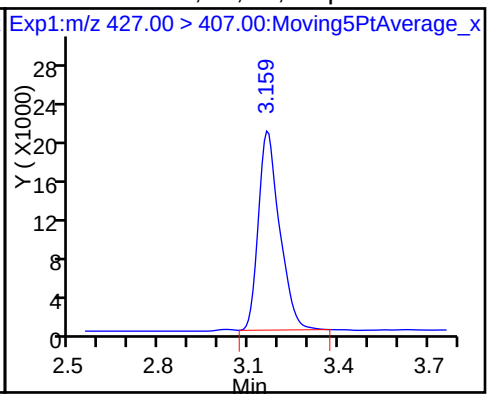
D 11 18O2 PFHxS



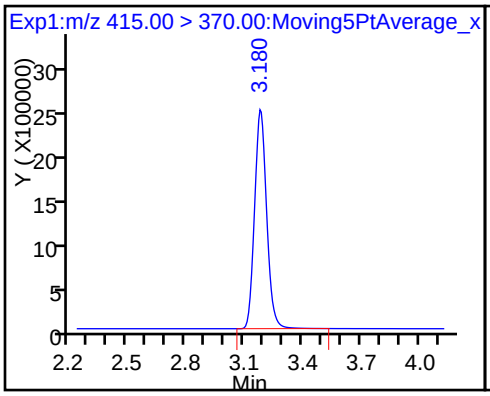
D 12 M2-6:2FTS



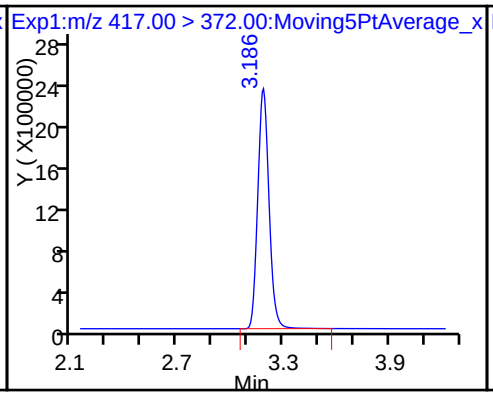
13 Sodium 1H,1H,2H,2H-perfluorooctane



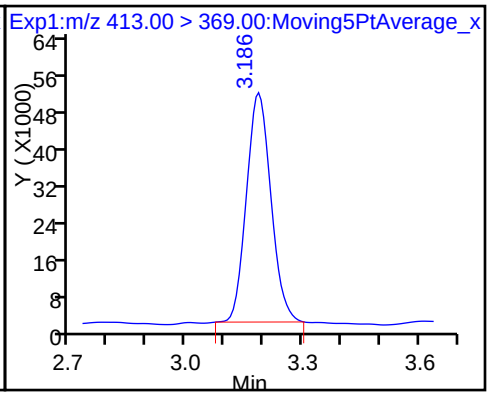
* 62 13C2-PFOA



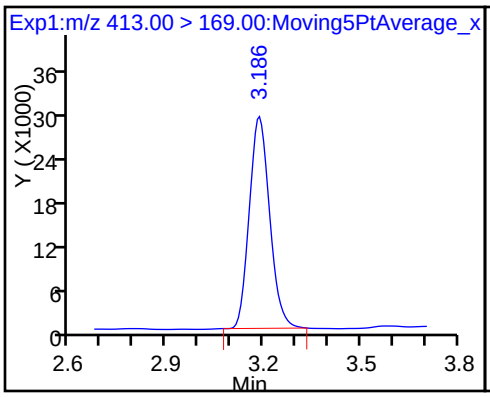
D 14 13C4 PFOA



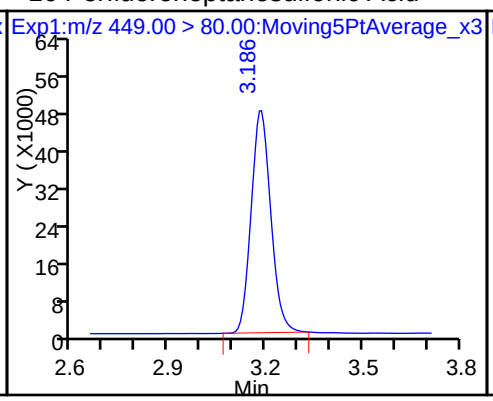
15 Perfluorooctanoic acid



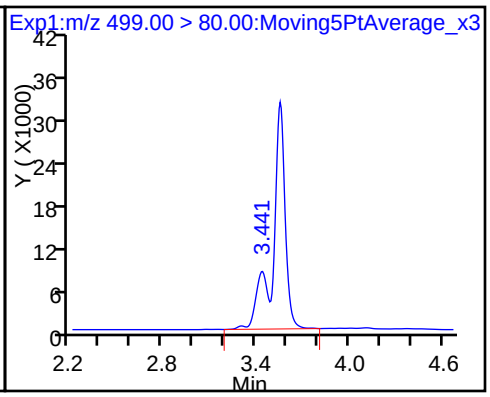
15 Perfluorooctanoic acid



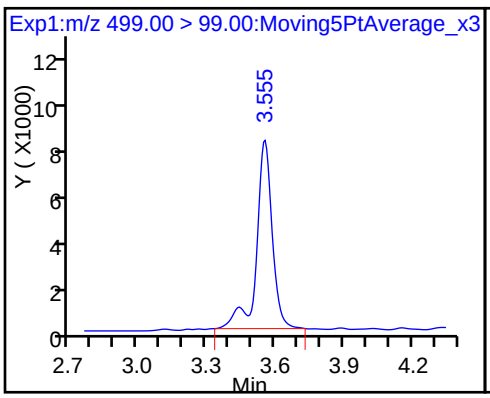
16 Perfluoroheptanesulfonic Acid



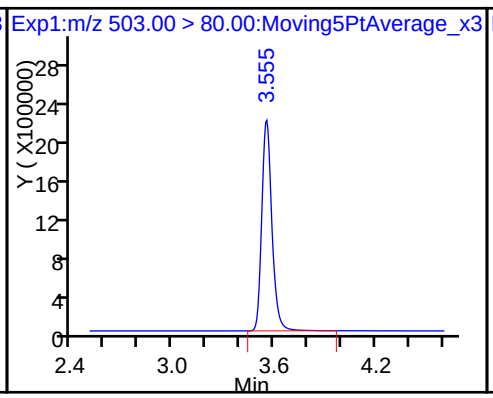
17 Perfluorooctane sulfonic acid



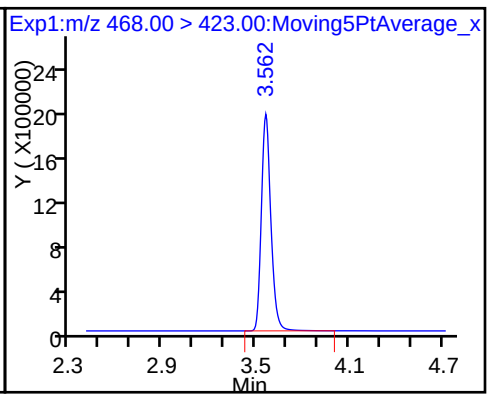
17 Perfluorooctane sulfonic acid



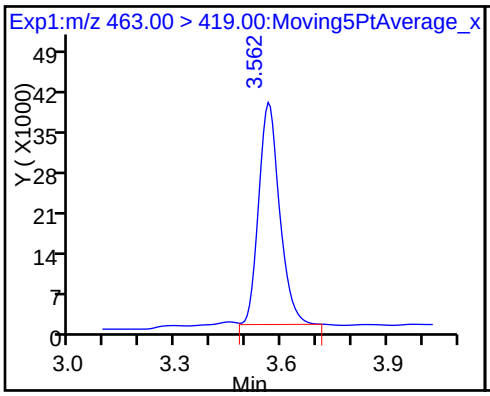
D 18 13C4 PFOS



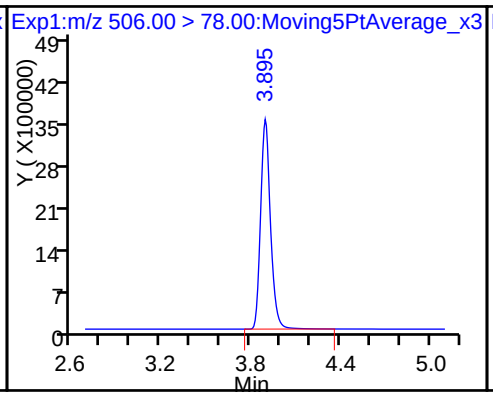
D 19 13C5 PFNA



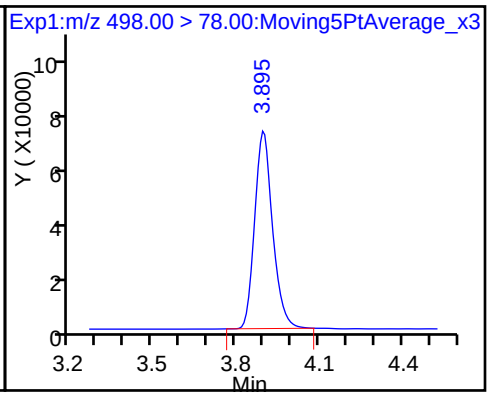
20 Perfluorononanoic acid



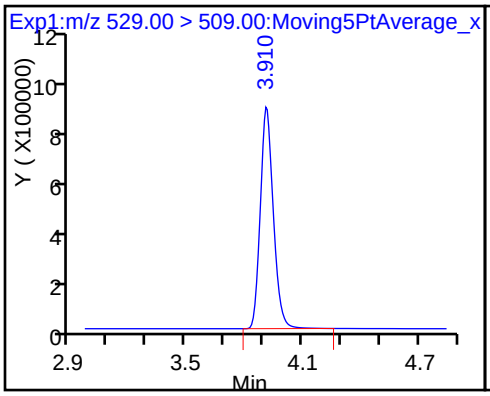
D 21 13C8 FOSA



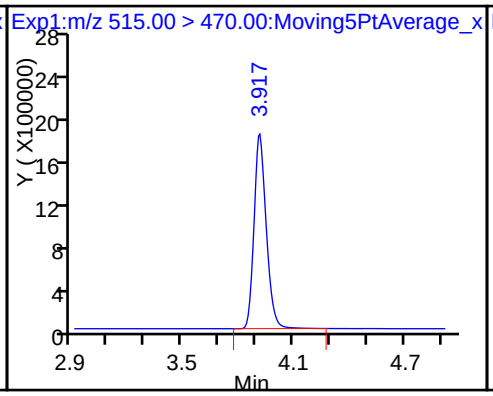
22 Perfluorooctane Sulfonamide



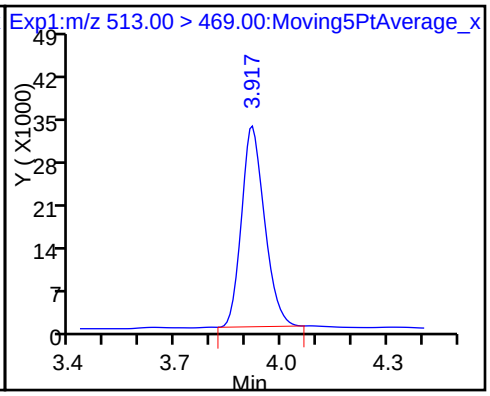
D 26 M2-8:2FTS



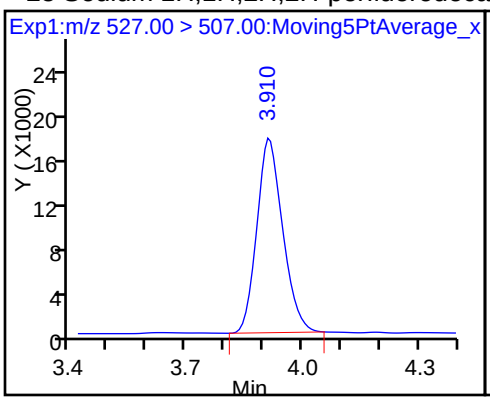
D 23 13C2 PFDA



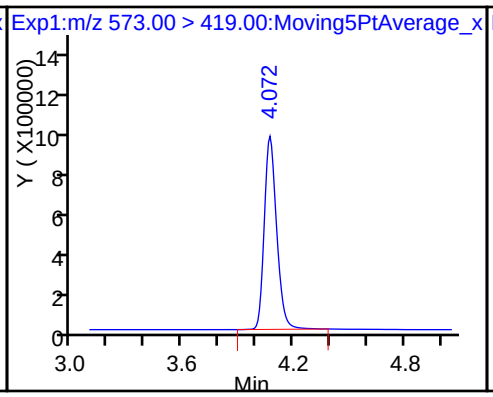
24 Perfluorodecanoic acid



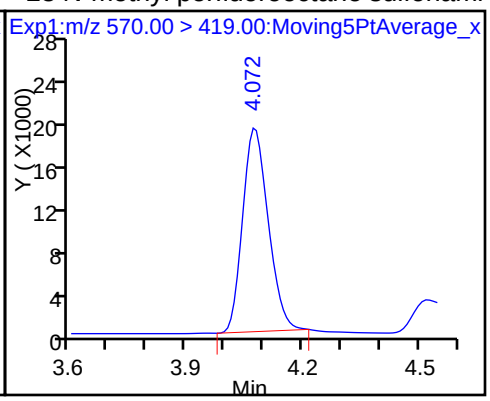
25 Sodium 1H,1H,2H,2H-perfluorodecane



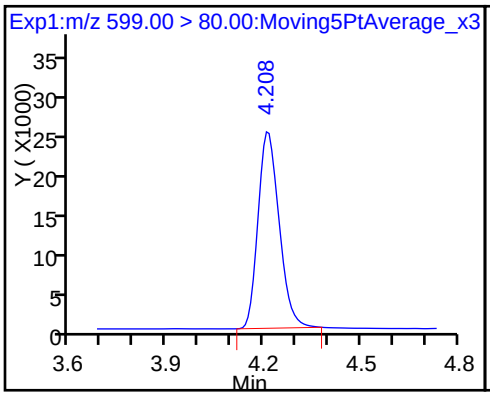
D 27 d3-NMeFOSAA



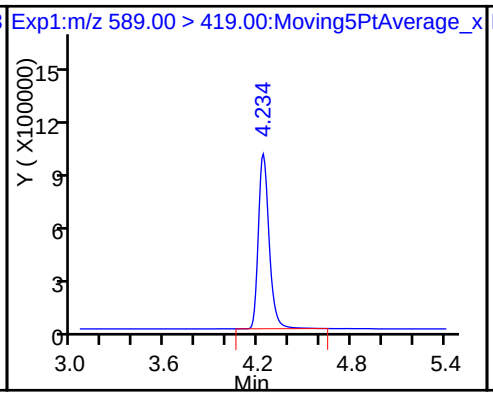
28 N-methyl perfluorooctane sulfonami



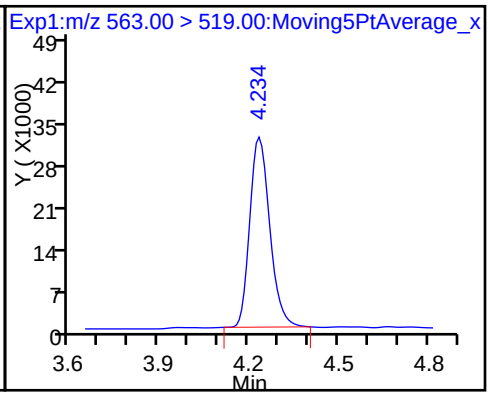
29 Perfluorodecane Sulfonic acid



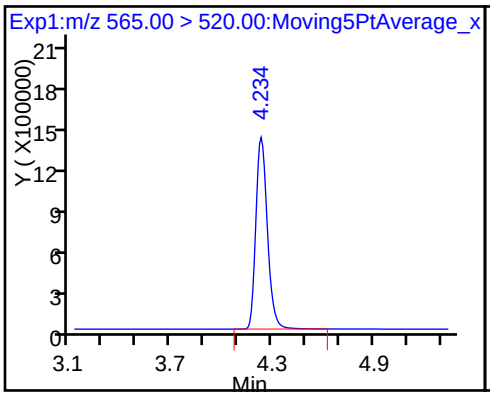
D 32 d5-NEtFOSAA



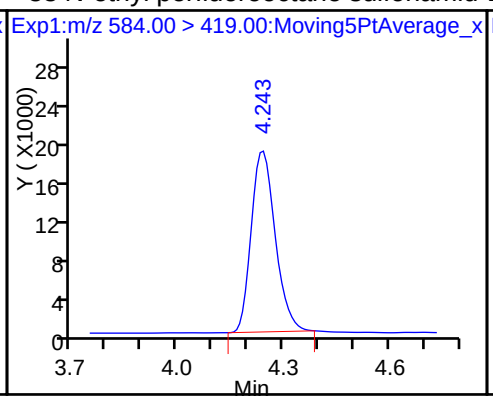
31 Perfluoroundecanoic acid



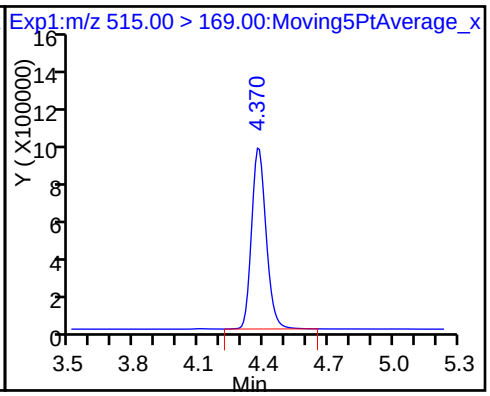
D 30 13C2 PFUnA



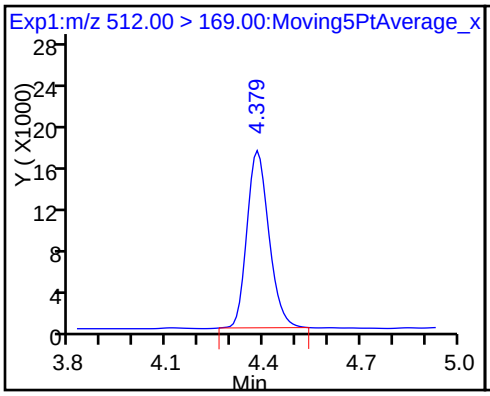
33 N-ethyl perfluorooctane sulfonamid



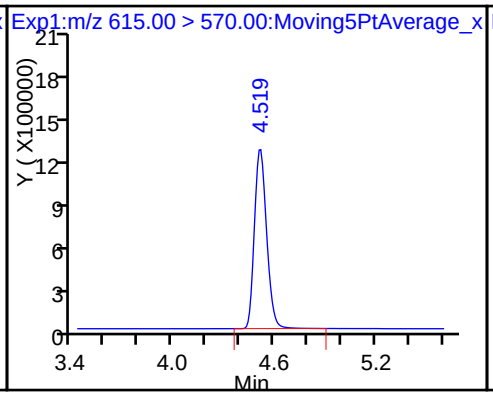
D 34 d-N-MeFOSA-M



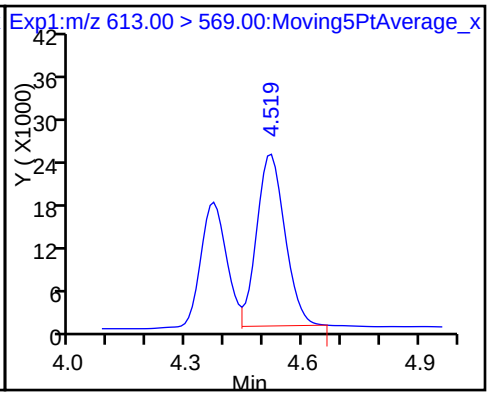
35 MeFOSA



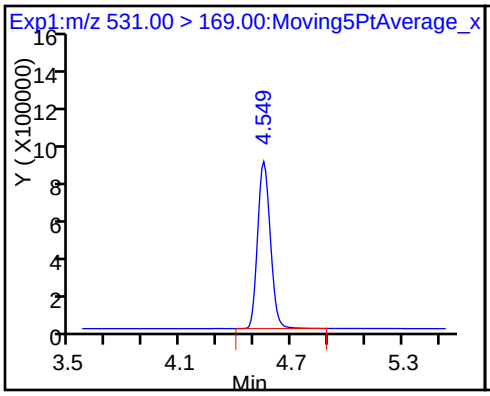
D 36 13C2 PFDoA



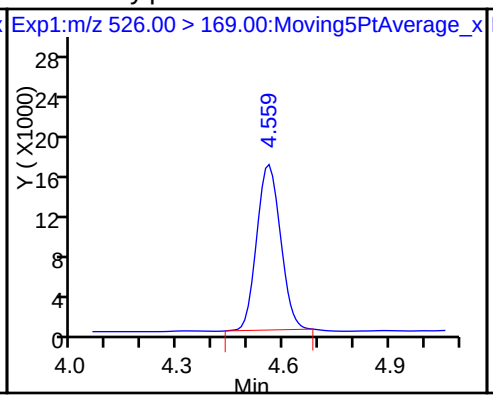
37 Perfluorododecanoic acid



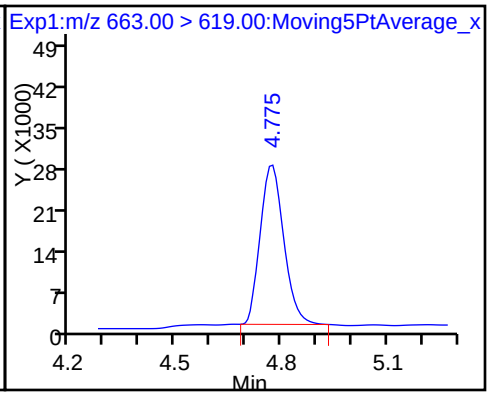
D 38 d-N-EtFOSA-M



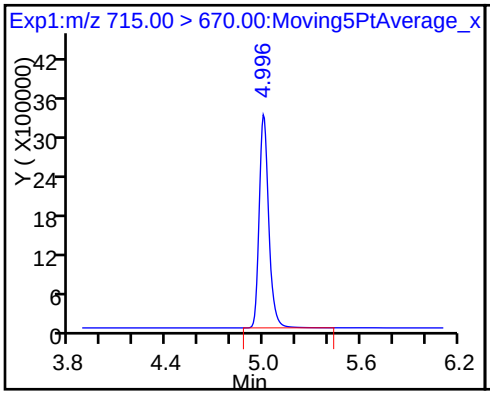
39 N-ethylperfluoro-1-octanesulfonami



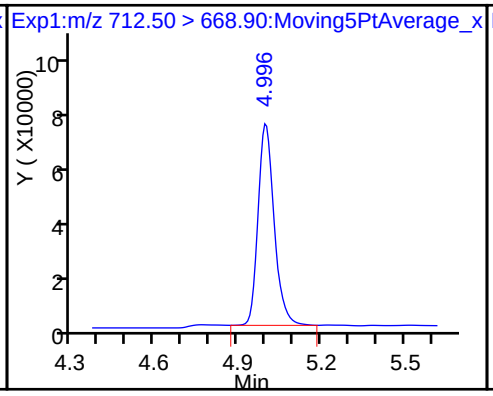
41 Perfluorotridecanoic acid



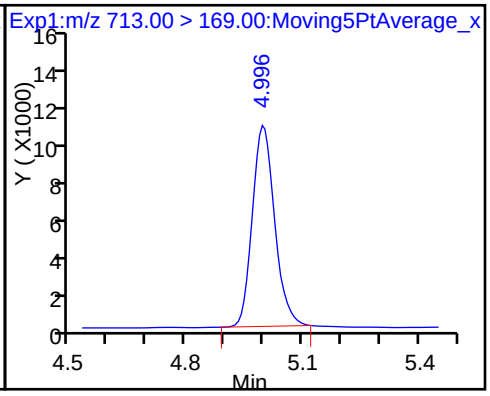
D 43 13C2-PFTeDA



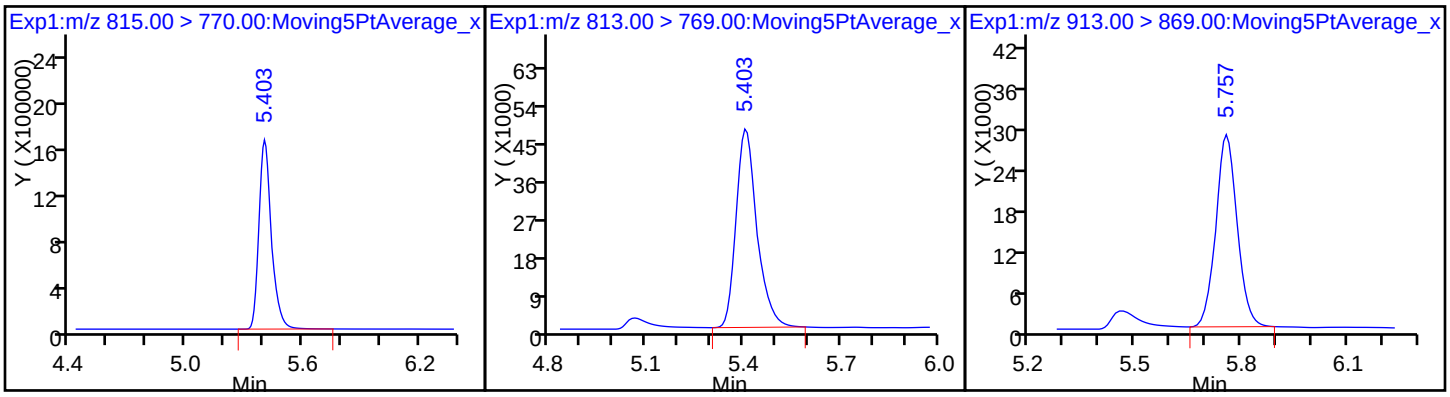
42 Perfluorotetradecanoic acid



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\20170606-43899.b\2017.06.06CURVE_005.d
Lims ID: IC L3 Full
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 06-Jun-2017 13:47:22 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\20170606-43899.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 07-Jun-2017 08:20:14 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK033

First Level Reviewer: chandrasenas Date: 06-Jun-2017 14:53:07

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	1.754	1.746	0.008		17453757	52.9		106	211992	
2 Perfluorobutyric acid										
212.90 > 169.00	1.754	1.749	0.005	1.000	1713334	5.34		107	1649	
D 3 13C5-PFPeA										
267.90 > 223.00	2.074	2.073	0.001		11436238	52.0		104	41254	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.083	2.074	0.009	1.000	1251931	5.26		105	466	
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.119	2.111	0.008	1.000	1834796	4.55		103		
298.90 > 99.00	2.119	2.111	0.008	1.000	732090		2.51(0.00-0.00)	103		M
D 47 13C3-PFBS										
301.90 > 83.00	2.119	2.111	0.008		259952	NC				
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.383	2.373	0.010	1.000	374572	4.85		104		
D 7 13C2 PFHxA										
315.00 > 270.00	2.416	2.413	0.003		10172648	52.8		106	30939	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.426	2.415	0.011	1.000	1053687	5.12		102	2219	
D 9 13C4-PFHpA										
367.00 > 322.00	2.803	2.792	0.011		9539730	53.6		107	29011	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.803	2.793	0.010	1.000	1029680	5.15		103	493	
D 11 18O2 PFHxS										
403.00 > 84.00	2.811	2.803	0.008		11680454	50.7		107	17273	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.811	2.803	0.008	1.000	1211890	4.48		98.4		

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	3.157	3.151	0.006		4259968	48.0		101		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.165	3.153	0.012	1.000	426423	4.81		102		
* 62 13C2-PFOA										
415.00 > 370.00	3.178	3.174	0.004		10257572	50.0				
D 14 13C4 PFOA										
417.00 > 372.00	3.184	3.176	0.008		9759048	54.1		108	30642	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.184	3.178	0.006	1.000	1036095	4.97		99.4	403	
413.00 > 169.00	3.184	3.178	0.006	1.000	587899		1.76(0.90-1.10)	99.4	1841	
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.184	3.179	0.005	1.000	1101144	5.11		107		
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.439	3.481	-0.042	1.000	935018	4.69		101	781	
499.00 > 99.00	3.553	3.481	0.072	1.033	203675		4.59(0.90-1.10)	101	2020	
D 18 13C4 PFOS										
503.00 > 80.00	3.553	3.546	0.007		9025287	50.7		106	14494	
D 19 13C5 PFNA										
468.00 > 423.00	3.560	3.555	0.005		8231460	53.9		108	19823	
20 Perfluorononanoic acid										
463.00 > 419.00	3.567	3.557	0.009	1.000	852732	5.17		103	1117	
D 21 13C8 FOSA										
506.00 > 78.00	3.893	3.888	0.005		16436681	54.8		110	22217	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	3.893	3.889	0.004	1.000	1668408	5.24		105	7776	
D 26 M2-8:2FTS										
529.00 > 509.00	3.908	3.903	0.005		3974583	48.6		101		
D 23 13C2 PFDA										
515.00 > 470.00	3.915	3.908	0.007		8270641	54.9		110	13892	
24 Perfluorodecanoic acid										
513.00 > 469.00	3.915	3.909	0.006	1.000	807683	5.13		103	3433	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	3.908	3.914	-0.006	1.000	397779	4.93		103		
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.070	4.064	0.006		4494472	51.0		102		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.079	4.067	0.012	1.002	443332	4.80		95.9		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.206	4.202	0.004	1.000	607766	4.89		101		
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.232	4.225	0.007		4651680	53.3		107		
D 30 13C2 PFUnA										
565.00 > 520.00	4.232	4.226	0.006		6570792	54.8		110	14691	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.232	4.226	0.006	1.000	683898	4.89		97.7	2251	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.241	4.233	0.008	1.002	441438	5.03		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	4.368	4.364	0.004		4557564	51.4		103		
35 MeFOSA										
512.00 > 169.00	4.377	4.370	0.007	1.000	429934	4.90		97.9		
37 Perfluorododecanoic acid										
613.00 > 569.00	4.518	4.509	0.009	1.000	647442	5.08		102	249	
D 36 13C2 PFDoA										
615.00 > 570.00	4.518	4.509	0.009		6663278	53.5		107	7186	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.547	4.540	0.007		4276499	51.7		103		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.557	4.550	0.007	1.000	416107	4.86		97.3		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.774	4.762	0.012	1.000	666888	5.01		100	748	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	4.995	4.988	0.007	1.000	1446661	5.20		104	1405	
713.00 > 169.00	4.995	4.988	0.007	1.000	196772		7.35(0.00-0.00)	104	1948	
D 43 13C2-PFTeDA										
715.00 > 670.00	4.995	4.988	0.007		13516644	52.6		105	16617	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.402	5.391	0.011		7279427	53.2		106	6305	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.402	5.395	0.007	1.000	735058	5.09		102	520	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.752	5.745	0.007	1.000	637726	5.41		108	765	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

LCPFC_FULL-L3_00004 Amount Added: 1.00 Units: mL

Report Date: 07-Jun-2017 08:20:15 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_005.d

Injection Date: 06-Jun-2017 13:47:22 Instrument ID: A8_N

Lims ID: IC L3 Full

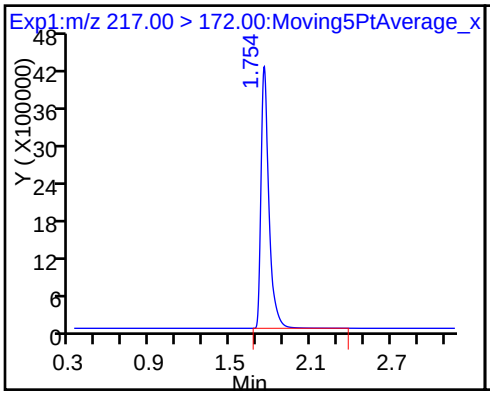
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 30 Worklist Smp#: 4

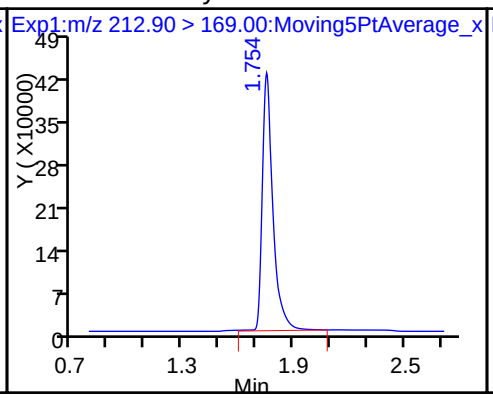
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

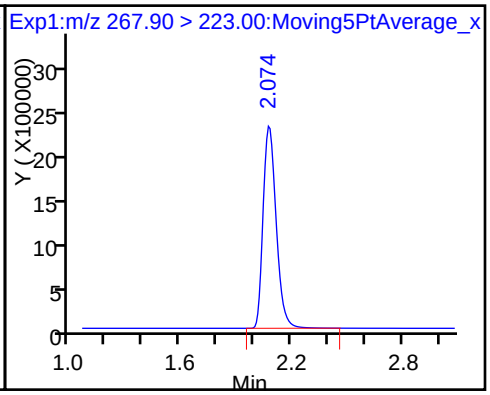
D 1 13C4 PFBA



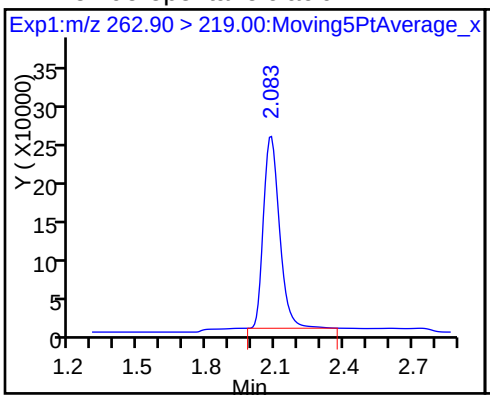
2 Perfluorobutyric acid



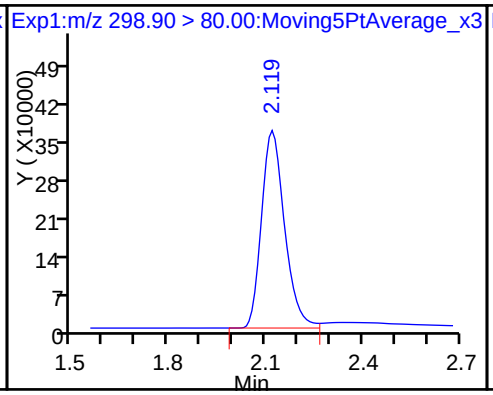
D 3 13C5-PFPeA



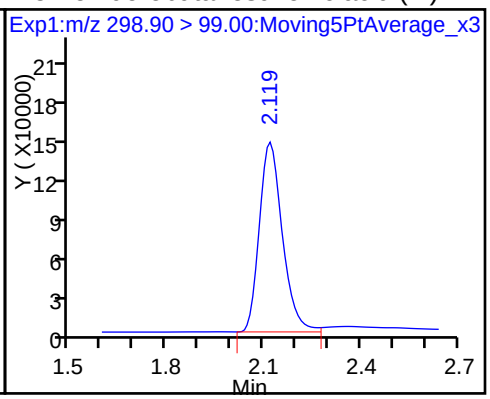
4 Perfluoropentanoic acid



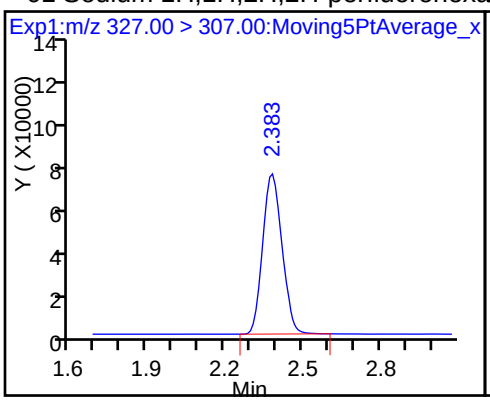
5 Perfluorobutanesulfonic acid



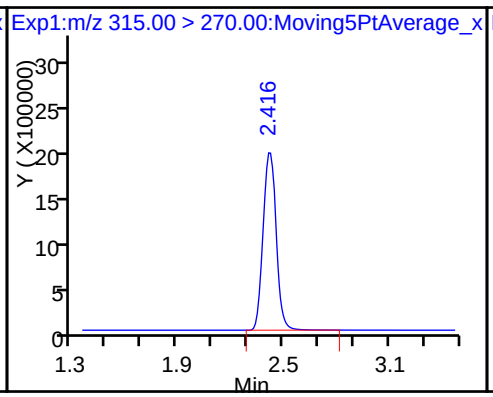
5 Perfluorobutanesulfonic acid (M)



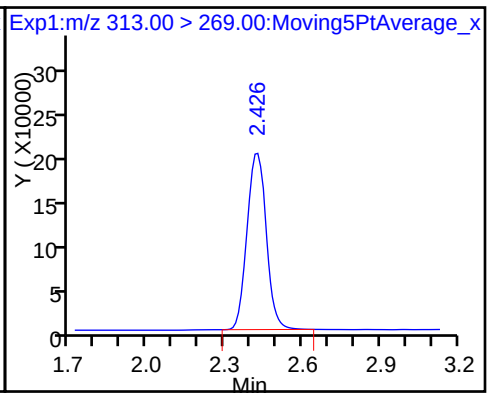
61 Sodium 1H,1H,2H,2H-perfluorohexa



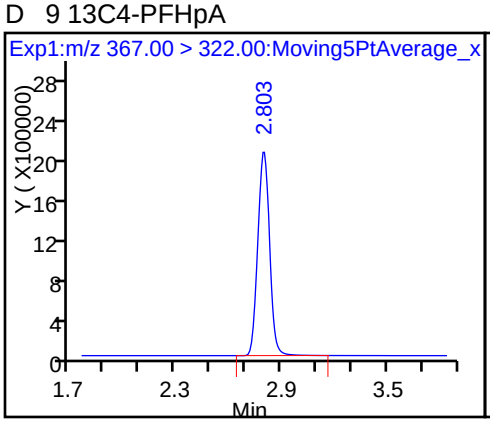
De 7 13C2 PFHxA



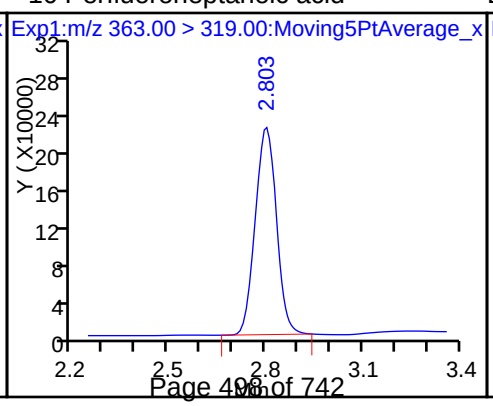
6 Perfluorohexanoic acid



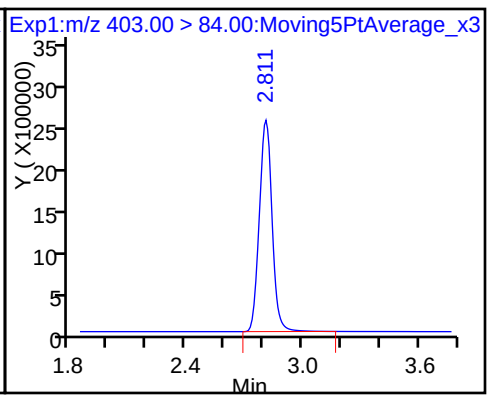
D 9 13C4-PFHpA



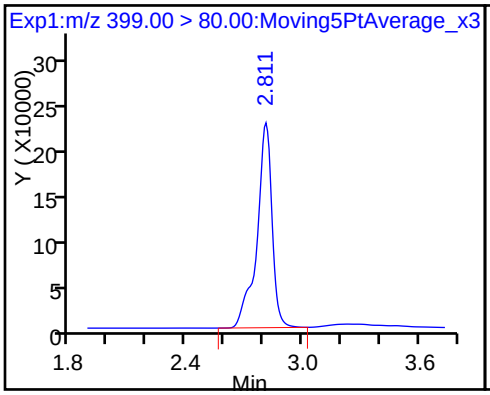
10 Perfluoroheptanoic acid



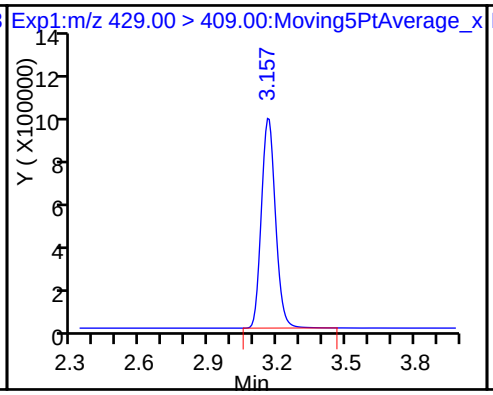
D 11 18O2 PFHxS



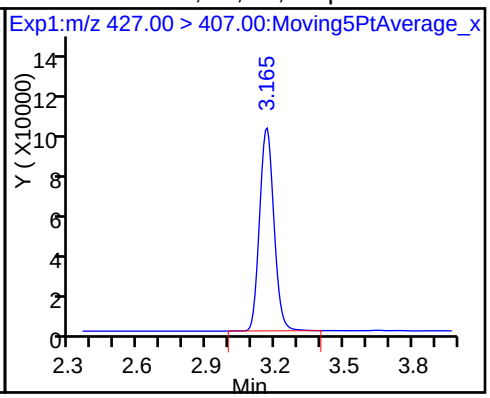
8 Perfluorohexanesulfonic acid



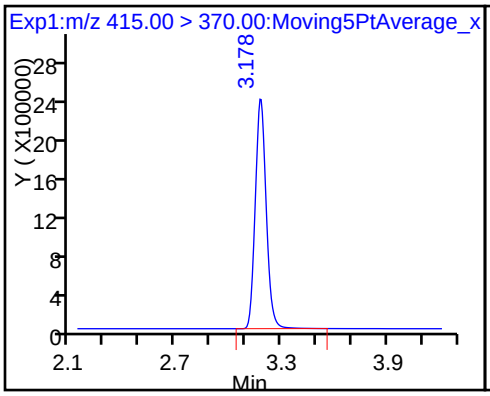
D 12 M2-6:2FTS



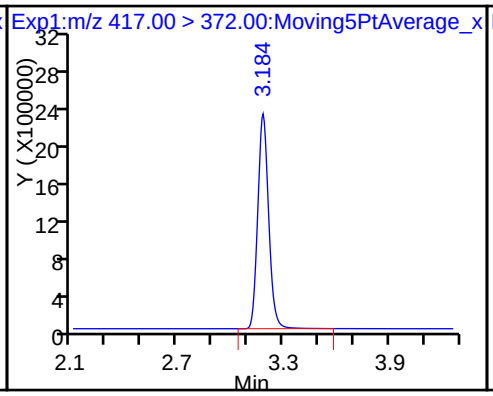
13 Sodium 1H,1H,2H,2H-perfluorooctane



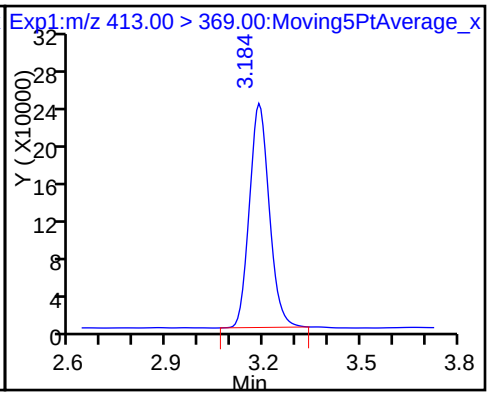
* 62 13C2-PFOA



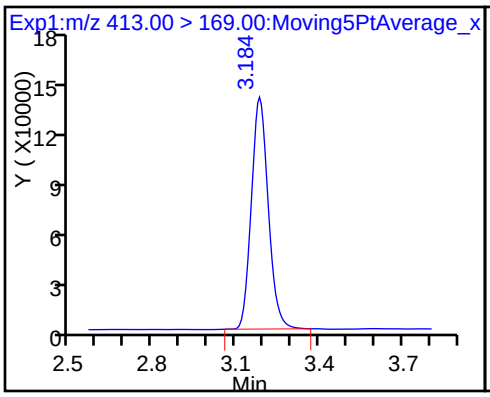
D 14 13C4 PFOA



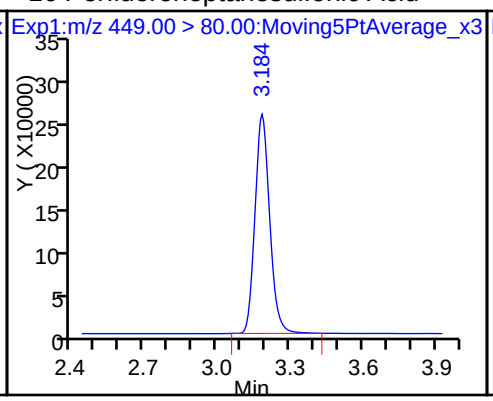
15 Perfluorooctanoic acid



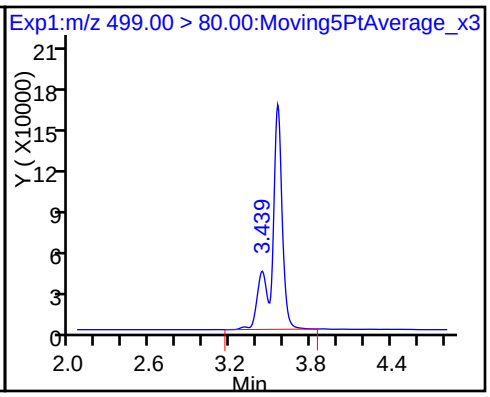
15 Perfluorooctanoic acid



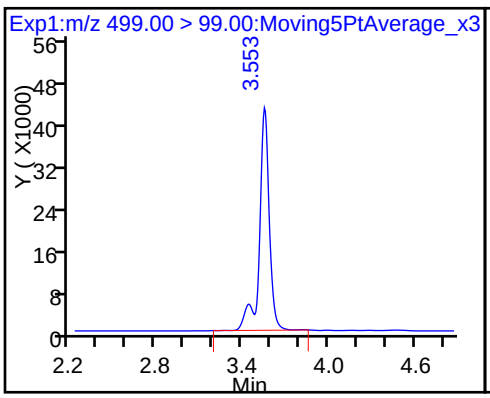
16 Perfluoroheptanesulfonic Acid



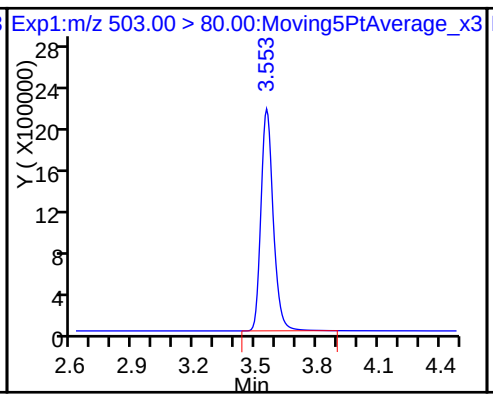
17 Perfluorooctane sulfonic acid



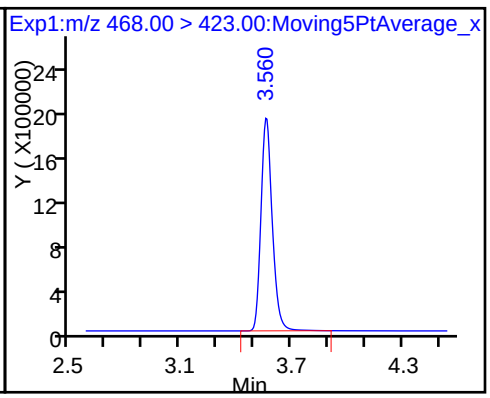
17 Perfluorooctane sulfonic acid



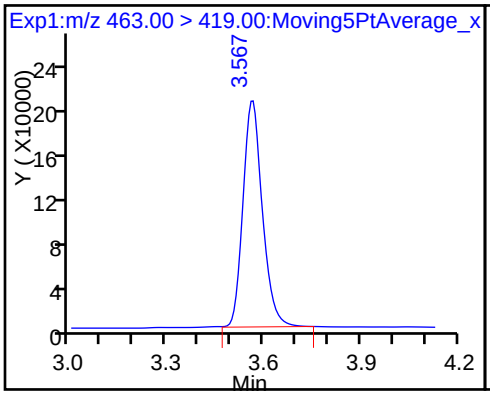
D 18 13C4 PFOS



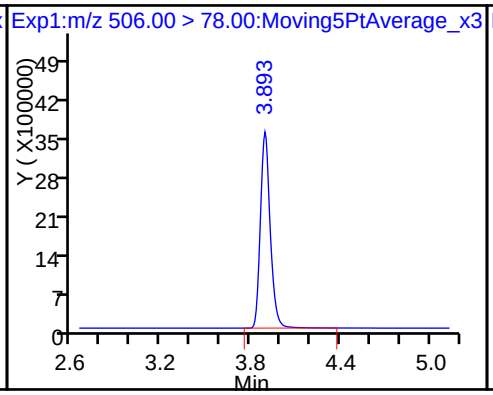
D 19 13C5 PFNA



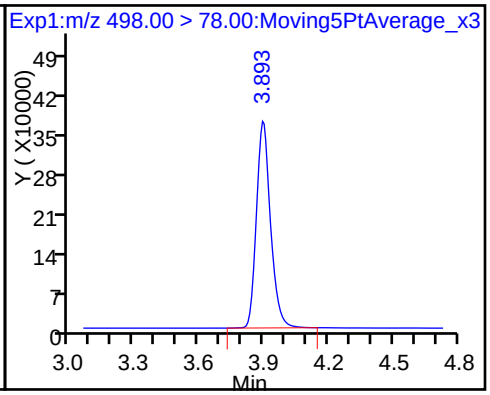
20 Perfluorononanoic acid



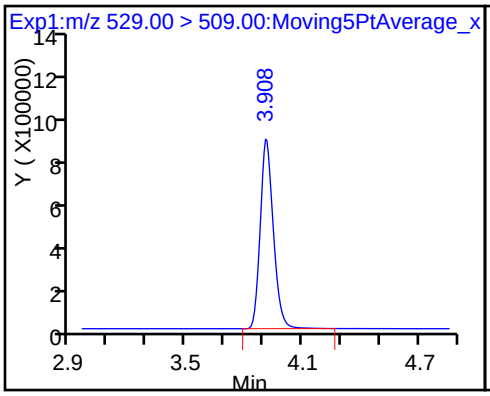
D 21 13C8 FOSA



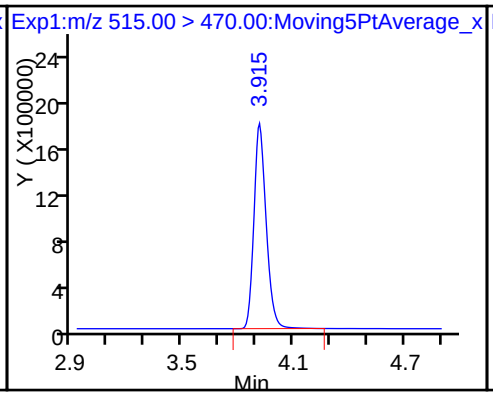
22 Perfluorooctane Sulfonamide



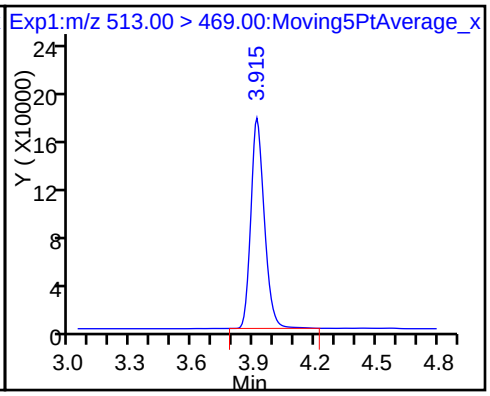
D 26 M2-8:2FTS



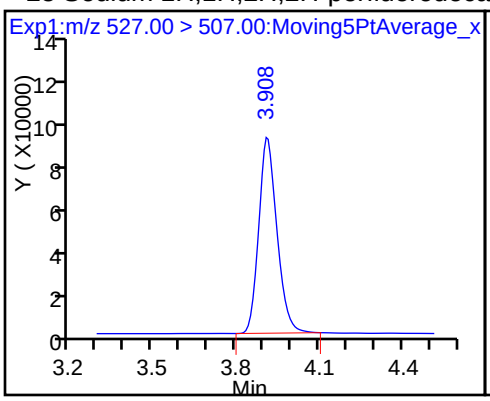
D 23 13C2 PFDA



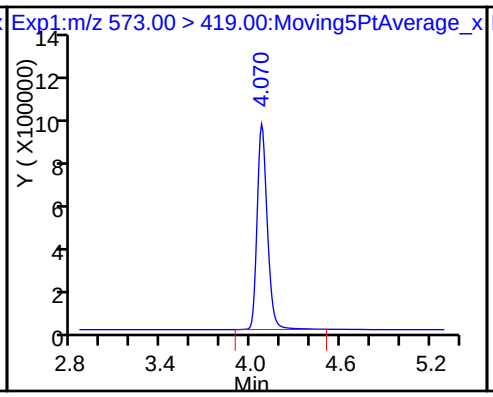
24 Perfluorodecanoic acid



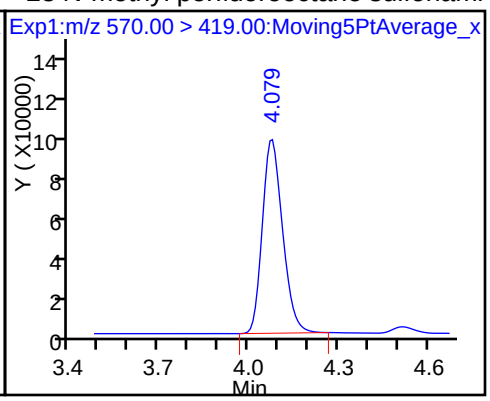
25 Sodium 1H,1H,2H,2H-perfluorodecane



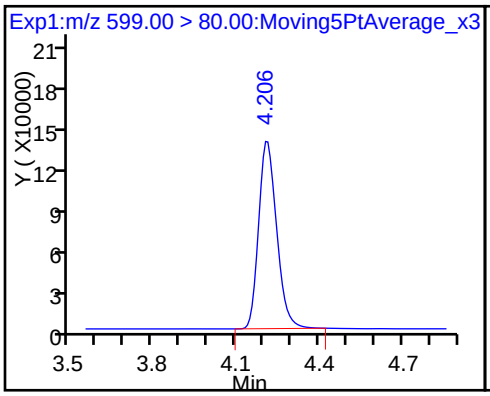
D 27 d3-NMeFOSAA



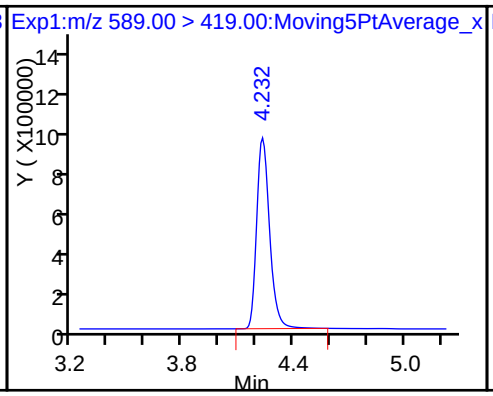
28 N-methyl perfluorooctane sulfonami



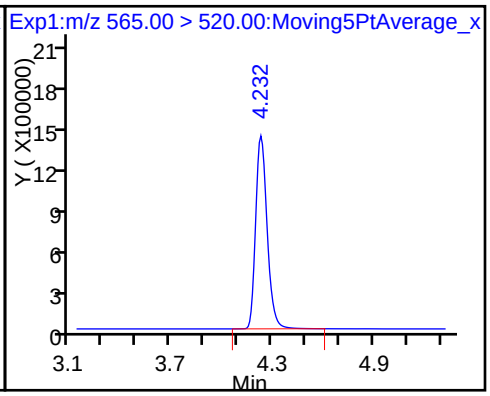
29 Perfluorodecane Sulfonic acid



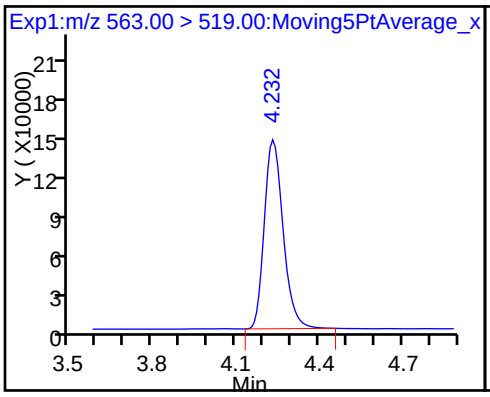
D 32 d5-NEtFOSAA



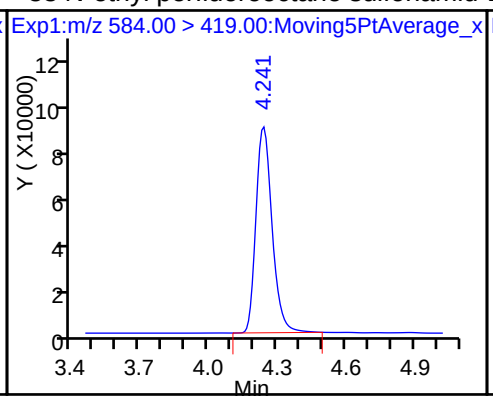
D 30 13C2 PFUnA



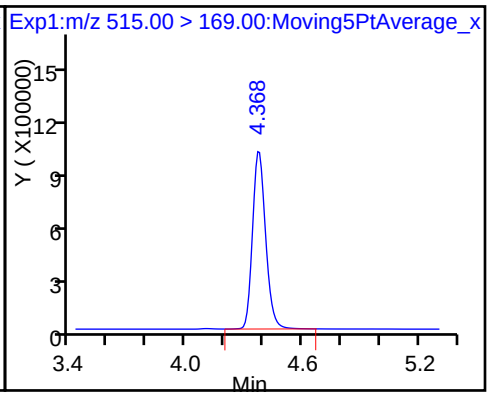
31 Perfluoroundecanoic acid



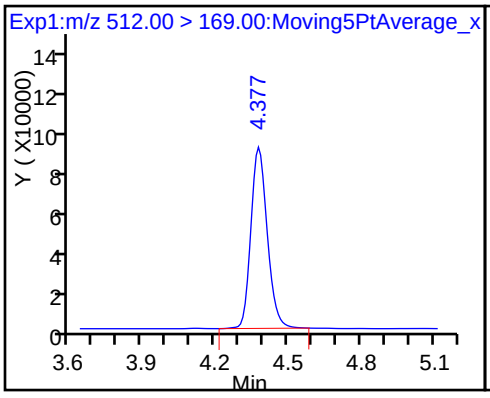
33 N-ethyl perfluorooctane sulfonamid



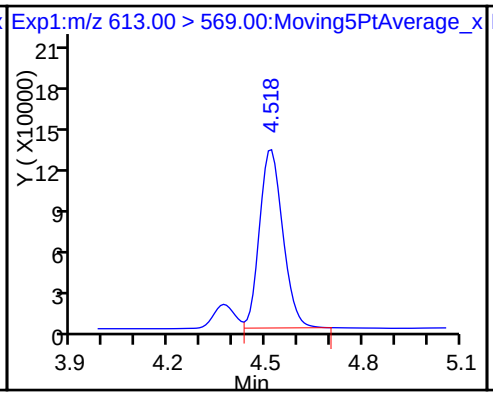
D 34 d-N-MeFOSA-M



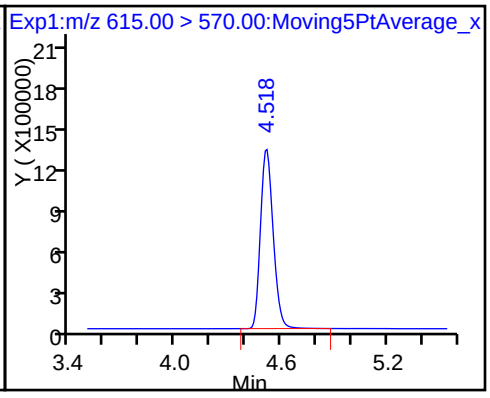
35 MeFOSA



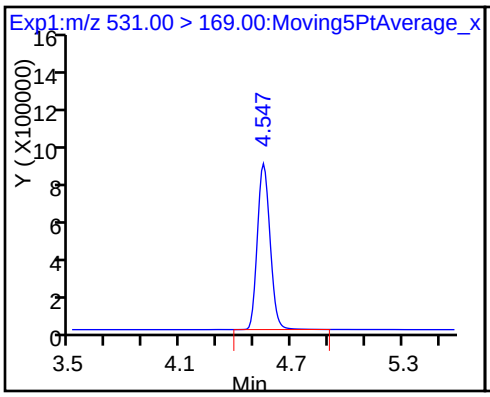
37 Perfluorododecanoic acid



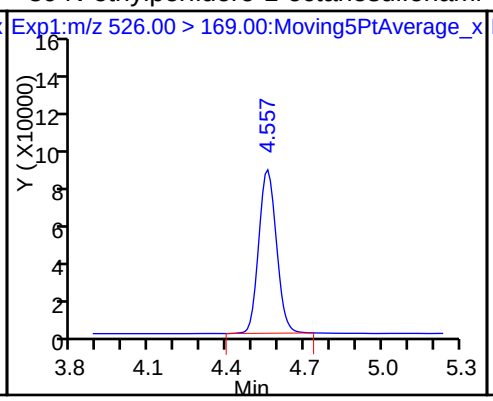
D 36 13C2 PFDoA



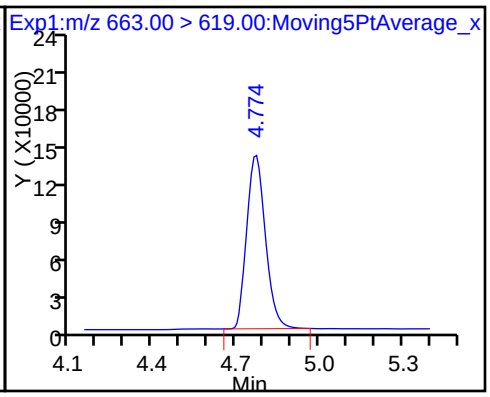
D 38 d-N-EtFOSA-M



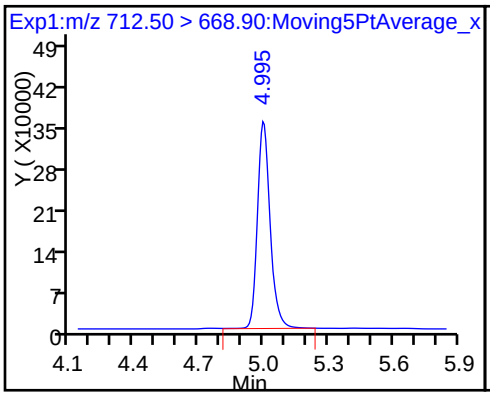
39 N-ethylperfluoro-1-octanesulfonami



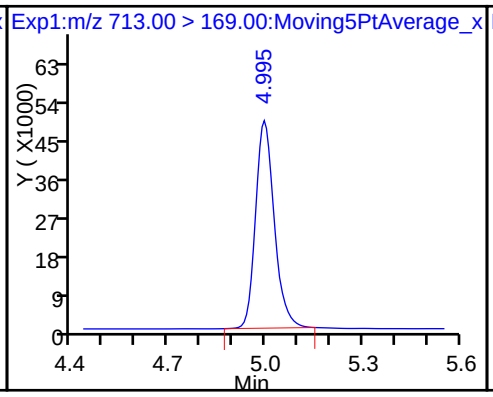
41 Perfluorotridecanoic acid



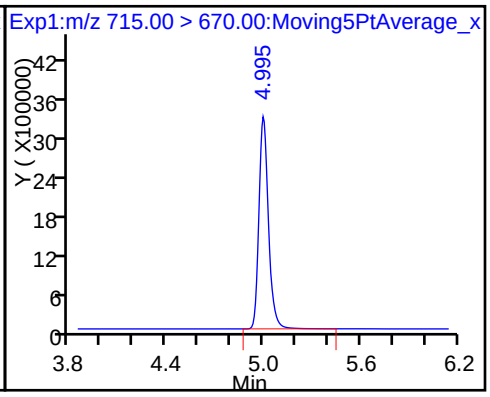
42 Perfluorotetradecanoic acid



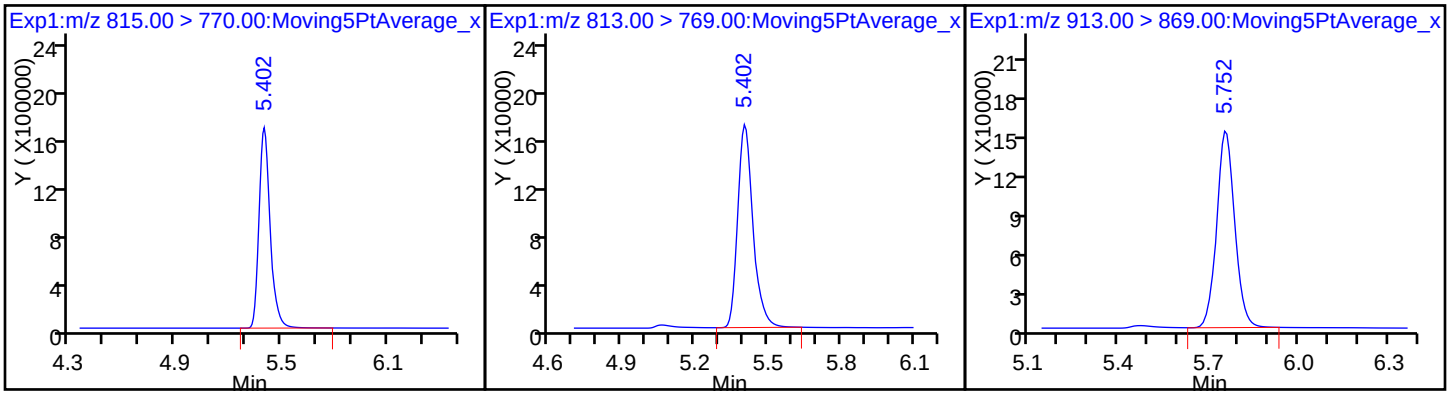
42 Perfluorotetradecanoic acid



D 43 13C2-PFTeDA



D 44 13C2-PFHxDA | 45 Perfluorohexadecanoic acid | 46 Perfluorooctadecanoic acid



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

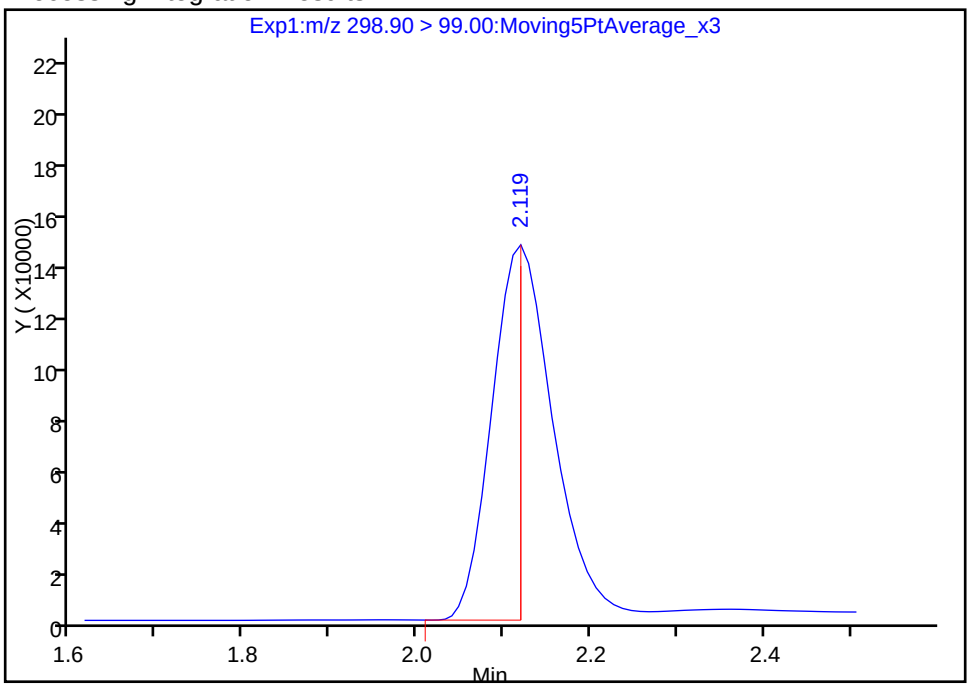
Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_005.d
Injection Date: 06-Jun-2017 13:47:22 Instrument ID: A8_N
Lims ID: IC L3 Full
Client ID:
Operator ID: SACINSTLCMS01 ALS Bottle#: 30 Worklist Smp#: 4
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Method: A8_N Limit Group: LC PFC_DOD ICAL
Column: Detector EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 2

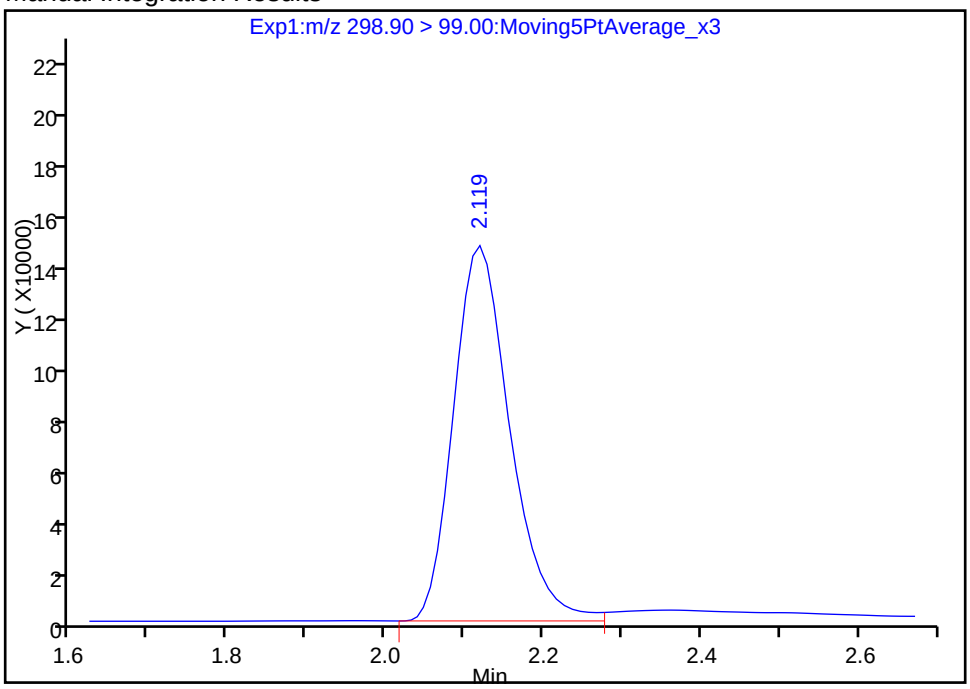
Processing Integration Results

RT: 2.12
Area: 333095
Amount: 4.551275
Amount Units: ng/ml



Manual Integration Results

RT: 2.12
Area: 732090
Amount: 4.551275
Amount Units: ng/ml



Reviewer: chandrasenas, 06-Jun-2017 14:52:41
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_006.d
Lims ID: IC L4 Full
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 06-Jun-2017 13:55:04 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\20170606-43899.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 07-Jun-2017 08:20:18 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK033

First Level Reviewer: chandrasenas Date: 06-Jun-2017 14:54:05

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	1.753	1.746	0.007		16685960	50.6		101	442339	
2 Perfluorobutyric acid										
212.90 > 169.00	1.757	1.749	0.008	1.000	6493513	21.2		106	5002	
D 3 13C5-PFPeA										
267.90 > 223.00	2.083	2.073	0.010		11477234	52.2		104	40015	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.083	2.074	0.009	1.000	4805868	20.1		101	1753	
D 47 13C3-PFBS										
301.90 > 83.00	2.119	2.111	0.008		283860	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.119	2.111	0.008	1.000	7527479	19.2		109		
298.90 > 99.00	2.119	2.111	0.008	1.000	3059630		2.46(0.00-0.00)	109		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.383	2.373	0.010	1.000	1584153	22.3		120		
D 7 13C2 PFHxA										
315.00 > 270.00	2.426	2.413	0.013		10188431	52.8		106	32304	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.426	2.415	0.011	1.000	4147414	20.1		101	9583	
D 9 13C4-PFHpA										
367.00 > 322.00	2.802	2.792	0.010		9194541	51.7		103	33524	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.802	2.793	0.009	1.000	3873044	20.1		101	1774	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.810	2.803	0.007	1.000	4443874	16.9		92.9		
D 11 18O2 PFHxS										
403.00 > 84.00	2.810	2.803	0.007		11339438	49.2		104	19321	

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	3.164	3.151	0.013		3911109	44.0		92.7		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.164	3.153	0.011	1.000	1604502	19.7		104		
* 62 13C2-PFOA										
415.00 > 370.00	3.184	3.174	0.010		9977237	50.0				
D 14 13C4 PFOA										
417.00 > 372.00	3.190	3.176	0.014		9364253	51.9		104	27796	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.190	3.178	0.012	1.000	4015277	20.1		100	1372	
413.00 > 169.00	3.190	3.178	0.012	1.000	2262426		1.77(0.90-1.10)	100	5937	
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.190	3.179	0.011	1.000	4121001	19.5		102		
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.439	3.481	-0.042	1.000	3596640	18.4		99.1	1183	
499.00 > 99.00	3.560	3.481	0.079	1.035	784484		4.58(0.90-1.10)	99.1	5350	
D 18 13C4 PFOS										
503.00 > 80.00	3.560	3.546	0.014		8857038	49.7		104	24285	
D 19 13C5 PFNA										
468.00 > 423.00	3.566	3.555	0.011		8033929	52.6		105	19652	
20 Perfluorononanoic acid										
463.00 > 419.00	3.566	3.557	0.009	1.000	3212440	19.9		99.7	5325	
D 21 13C8 FOSA										
506.00 > 78.00	3.901	3.888	0.013		15659216	52.2		104	21034	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	3.901	3.889	0.012	1.000	6391277	21.1		105	18445	
D 26 M2-8:2FTS										
529.00 > 509.00	3.915	3.903	0.012		4199515	51.3		107		
D 23 13C2 PFDA										
515.00 > 470.00	3.915	3.908	0.007		8053713	53.4		107	12050	
24 Perfluorodecanoic acid										
513.00 > 469.00	3.923	3.909	0.014	1.000	3027625	19.7		98.7	9278	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	3.915	3.911	0.004	1.000	1757951	20.6		108		
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.078	4.064	0.014		4481079	50.9		102		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.078	4.067	0.011	1.000	1977330	21.5		107		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.214	4.202	0.012	1.000	2322699	19.0		98.7		
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.241	4.225	0.016		4722646	54.1		108		
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.241	4.226	0.015	1.000	2571433	18.9		94.7	5550	
D 30 13C2 PFUnA										
565.00 > 520.00	4.241	4.226	0.015		6373111	53.2		106	15696	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.241	4.233	0.008	1.000	1800439	20.2		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	4.377	4.364	0.013		4437019	50.1		100		
35 MeFOSA										
512.00 > 169.00	4.377	4.370	0.007	1.000	1781501	20.8		104		
D 36 13C2 PFDoA										
615.00 > 570.00	4.517	4.509	0.008		6153979	49.4		98.9	6043	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.517	4.509	0.008	1.000	2436486	20.7		104	999	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.547	4.540	0.007		4098578	49.5		99.0		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.557	4.550	0.007	1.000	1716234	20.9		105		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.773	4.762	0.011	1.000	2660759	21.6		108	2831	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.002	4.988	0.014		13149033	51.1		102	14246	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.002	4.988	0.014	1.000	5540367	21.7		108	4303	
713.00 > 169.00	4.995	4.988	0.007	0.999	756413		7.32(0.00-0.00)	108	4961	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.402	5.391	0.011		6940209	50.7		101	6237	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.409	5.395	0.014	1.000	2504738	20.9		105	1470	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.760	5.745	0.015	1.000	2299688	21.1		106	2445	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L4_00005 Amount Added: 1.00 Units: mL

Report Date: 07-Jun-2017 08:20:18 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_006.d

Injection Date: 06-Jun-2017 13:55:04 Instrument ID: A8_N

Lims ID: IC L4 Full

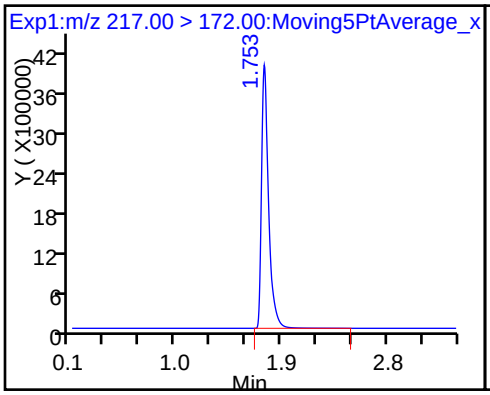
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 31 Worklist Smp#: 5

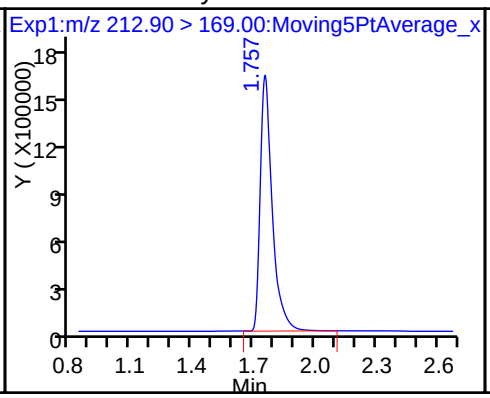
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

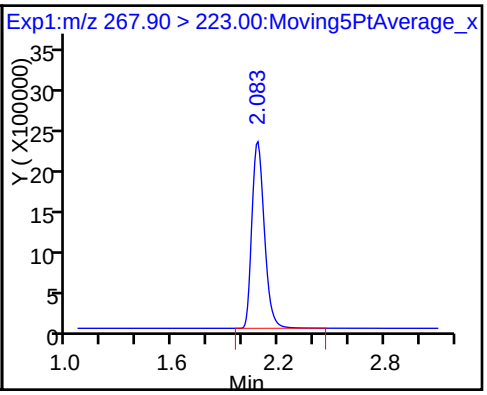
D 1 13C4 PFBA



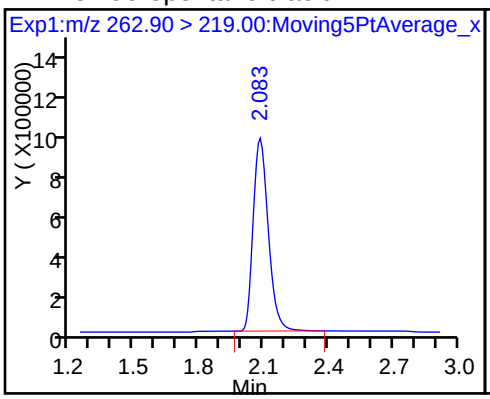
2 Perfluorobutyric acid



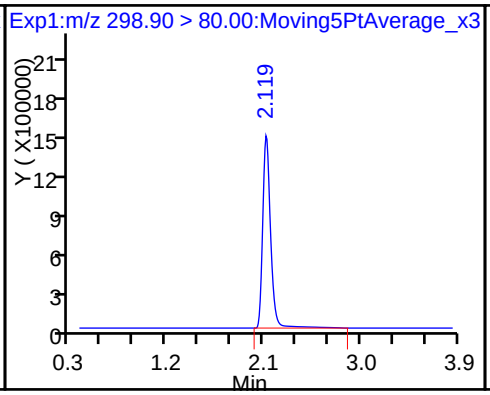
D 3 13C5-PFPeA



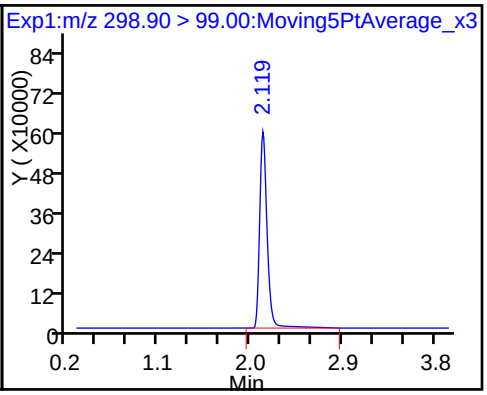
4 Perfluoropentanoic acid



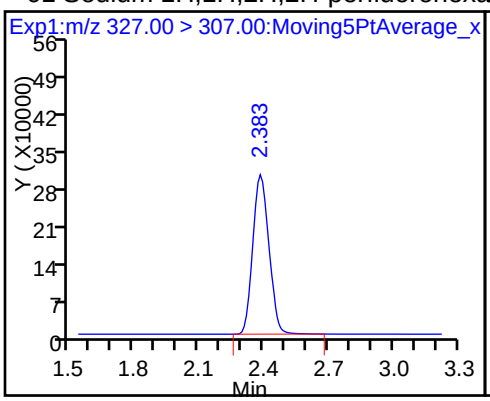
5 Perfluorobutanesulfonic acid



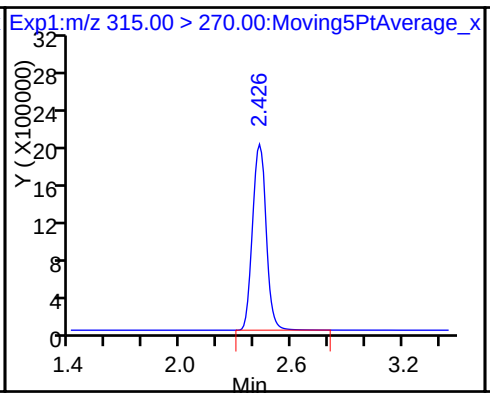
5 Perfluorobutanesulfonic acid



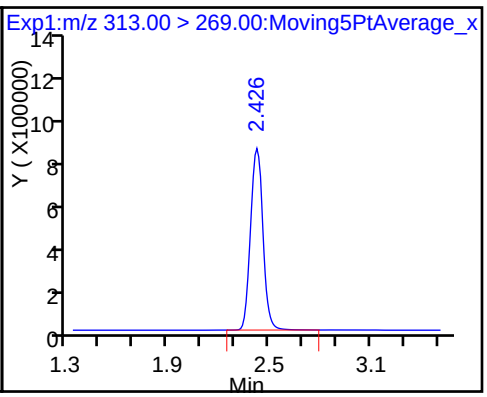
61 Sodium 1H,1H,2H,2H-perfluorohexa



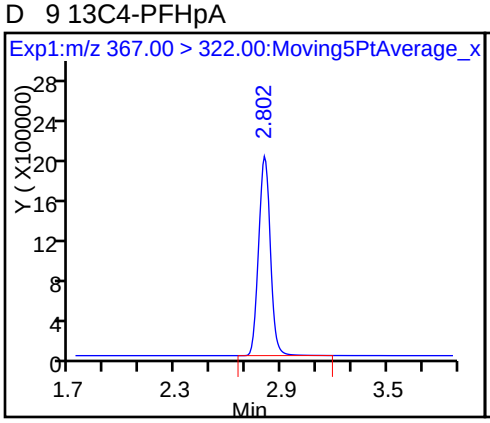
De 7 13C2 PFHxA



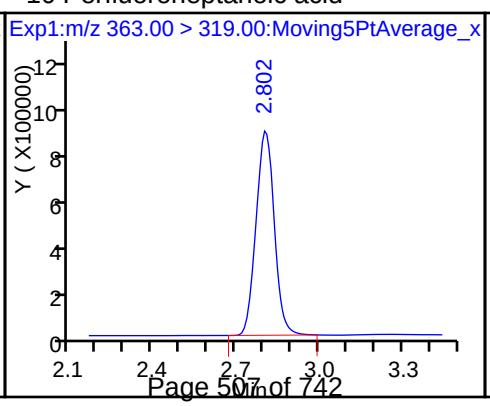
6 Perfluorohexanoic acid



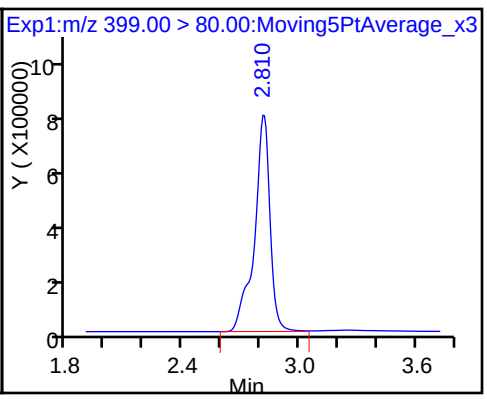
D 9 13C4-PFHpA



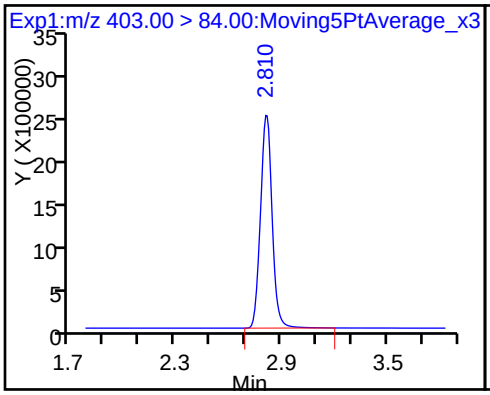
10 Perfluoroheptanoic acid



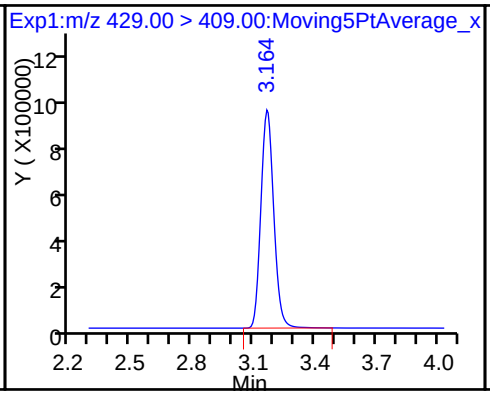
8 Perfluorohexanesulfonic acid



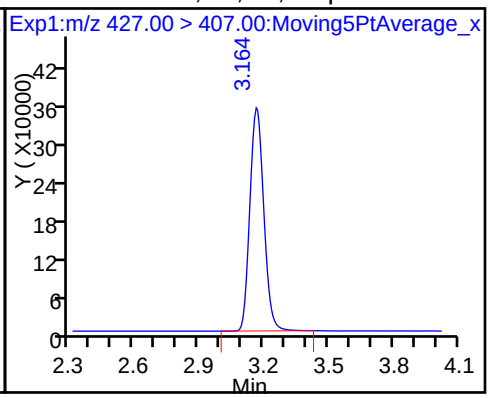
D 11 18O2 PFHxS



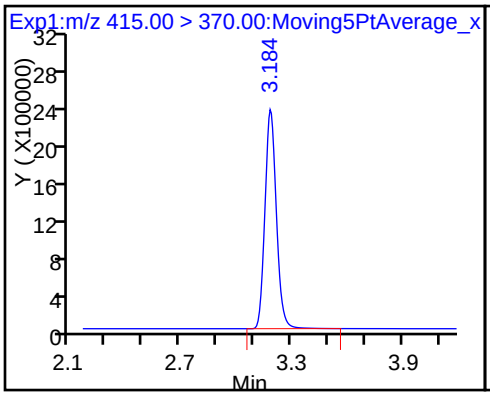
D 12 M2-6:2FTS



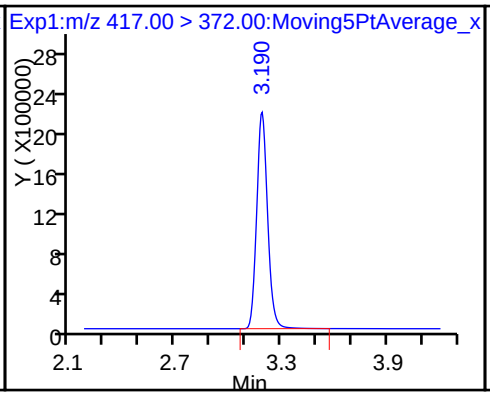
13 Sodium 1H,1H,2H,2H-perfluorooctane



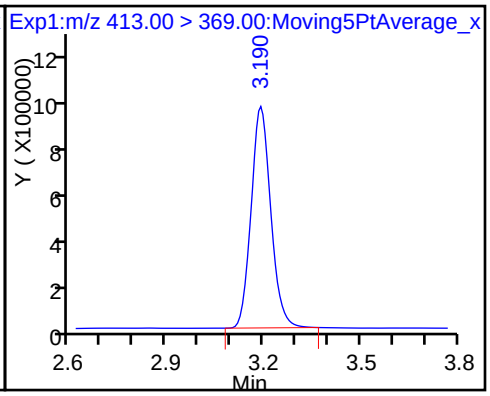
* 62 13C2-PFOA



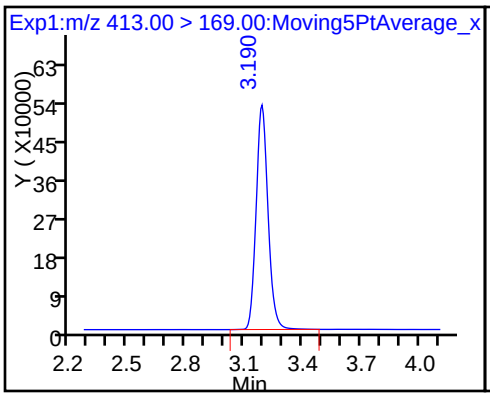
D 14 13C4 PFOA



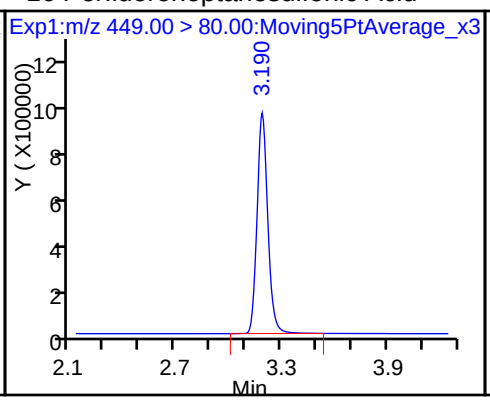
15 Perfluorooctanoic acid



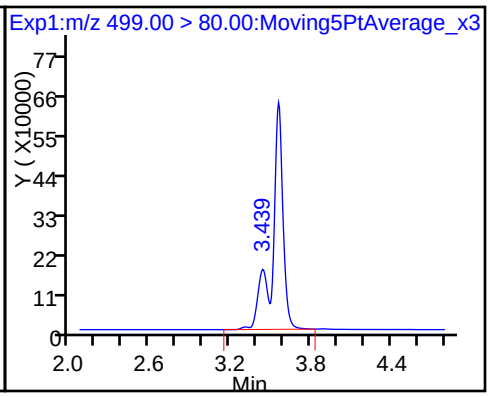
15 Perfluorooctanoic acid



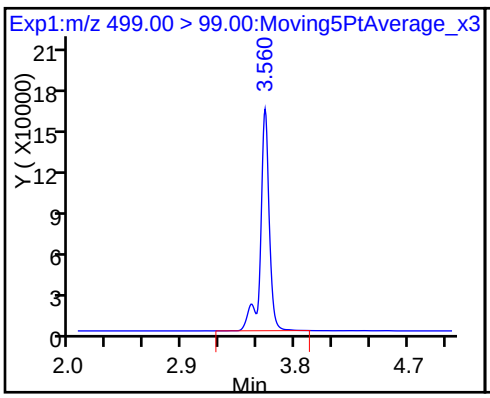
16 Perfluoroheptanesulfonic Acid



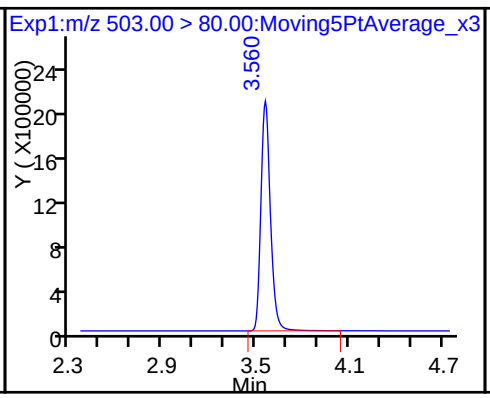
17 Perfluorooctane sulfonic acid



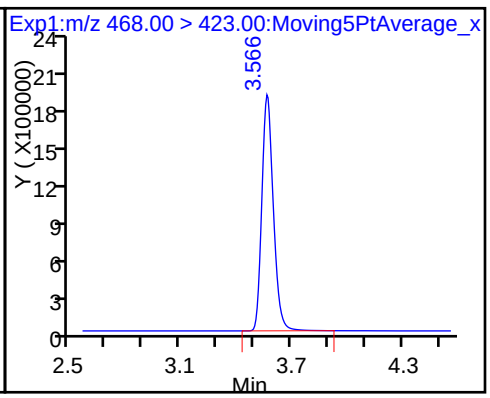
17 Perfluorooctane sulfonic acid



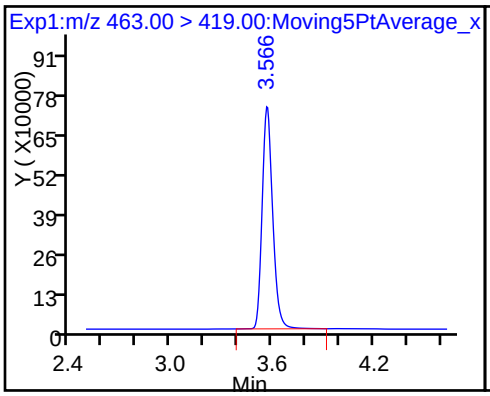
D 18 13C4 PFOS



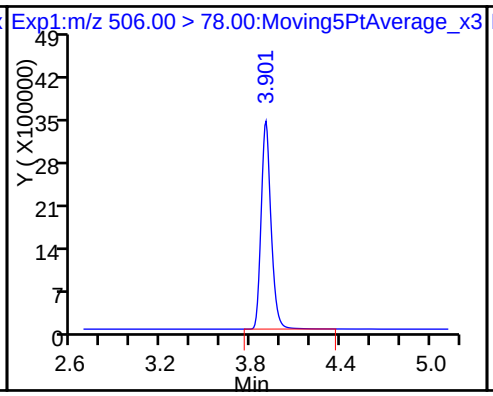
D 19 13C5 PFNA



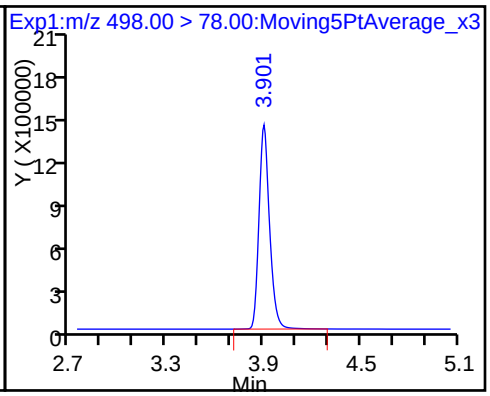
20 Perfluorononanoic acid



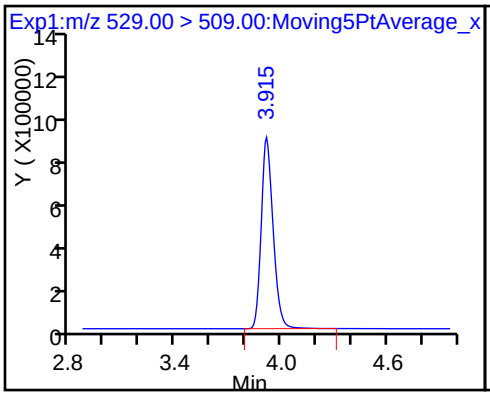
D 21 13C8 FOSA



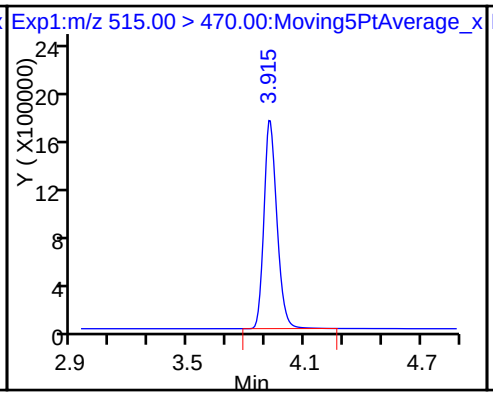
22 Perfluorooctane Sulfonamide



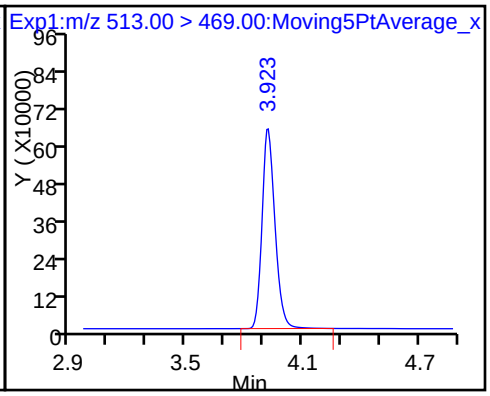
D 26 M2-8:2FTS



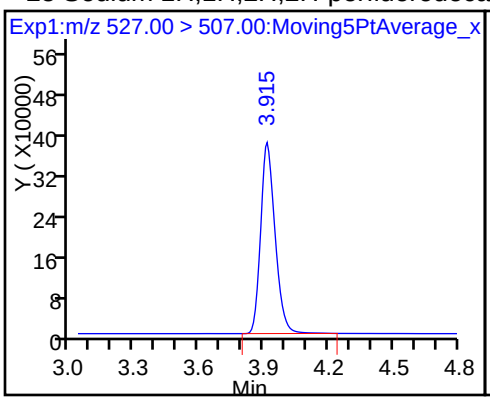
D 23 13C2 PFDA



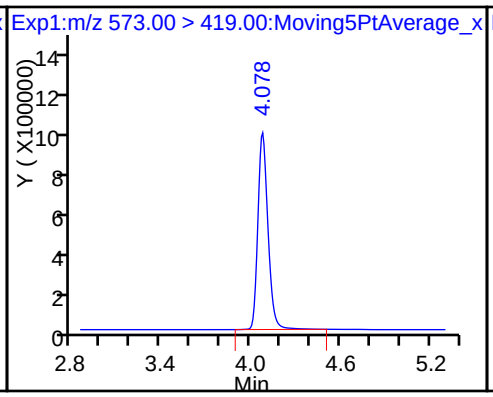
24 Perfluorodecanoic acid



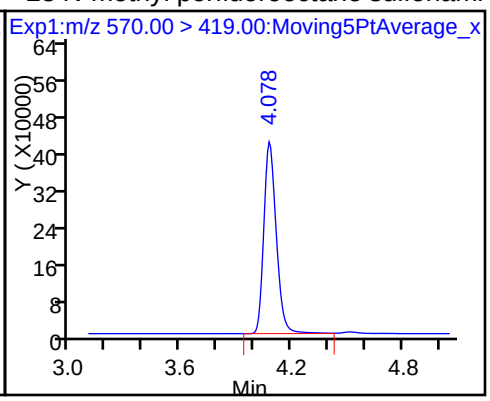
25 Sodium 1H,1H,2H,2H-perfluorodecane



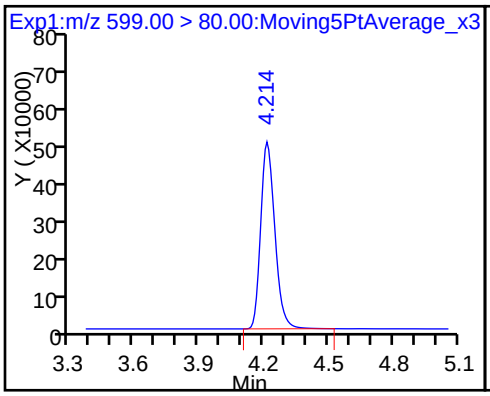
D 27 d3-NMeFOSAA



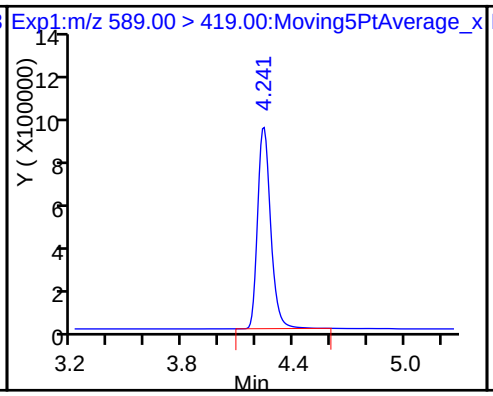
28 N-methyl perfluorooctane sulfonami



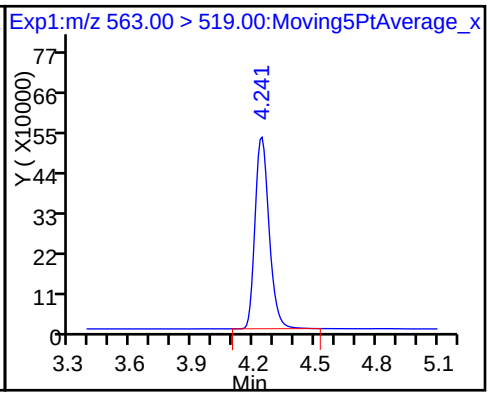
29 Perfluorodecane Sulfonic acid



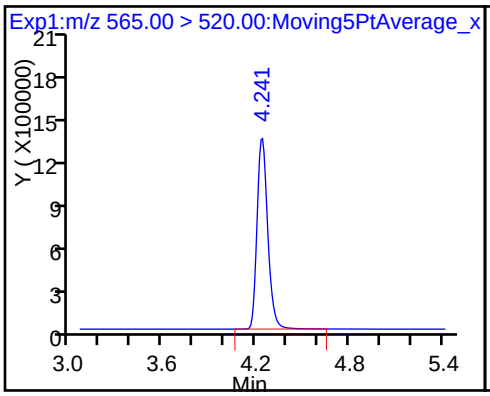
D 32 d5-NEtFOSAA



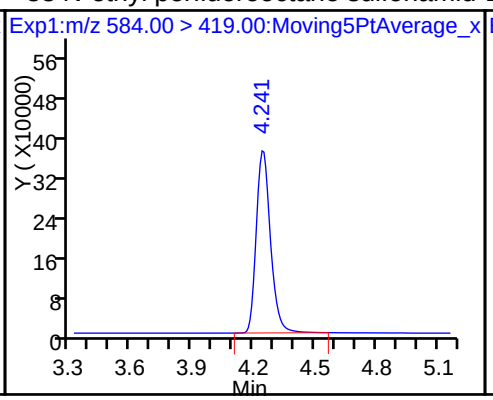
31 Perfluoroundecanoic acid



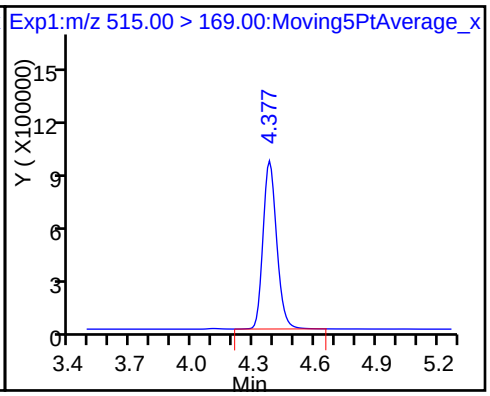
D 30 13C2 PFUnA



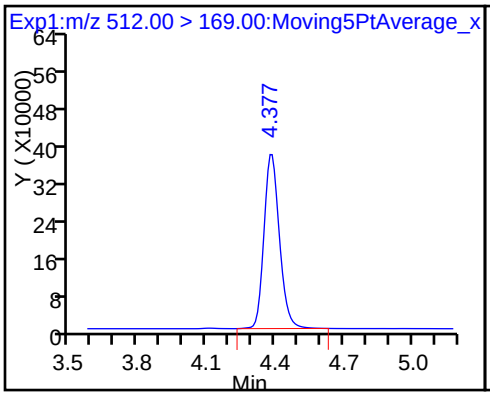
33 N-ethyl perfluorooctane sulfonamid



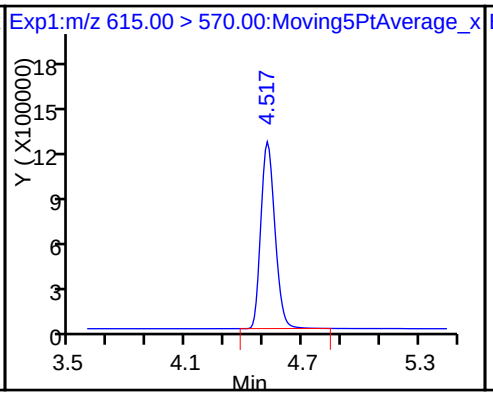
D 34 d-N-MeFOSA-M



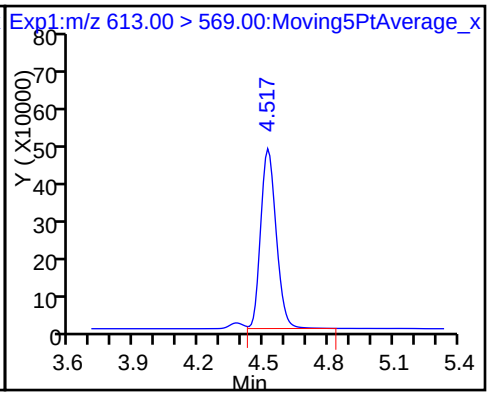
35 MeFOSA



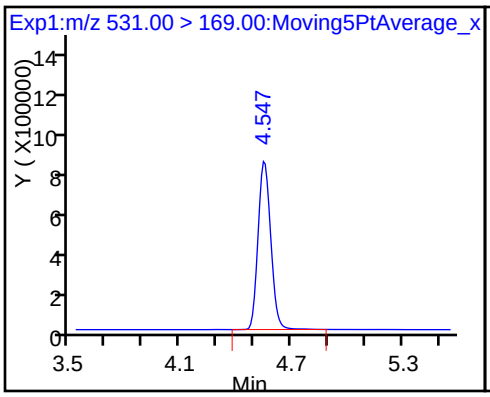
D 36 13C2 PFDoA



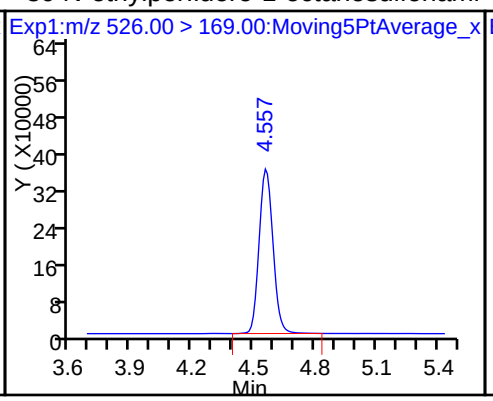
37 Perfluorododecanoic acid



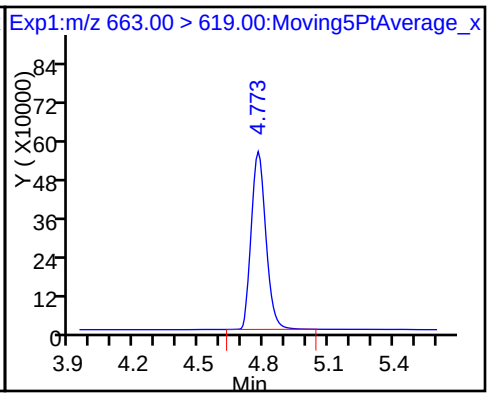
D 38 d-N-EtFOSA-M



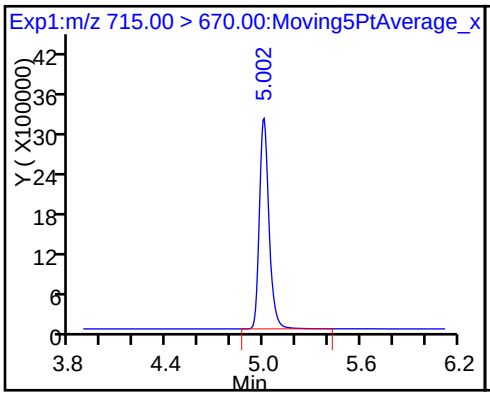
39 N-ethylperfluoro-1-octanesulfonami



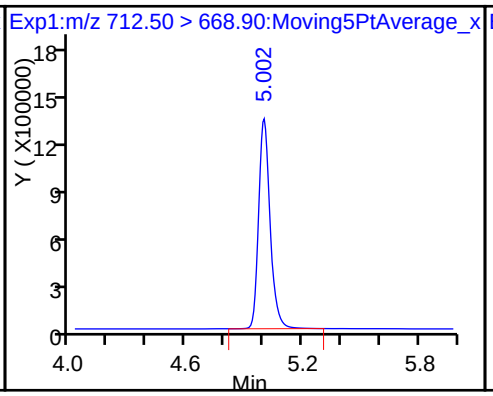
41 Perfluorotridecanoic acid



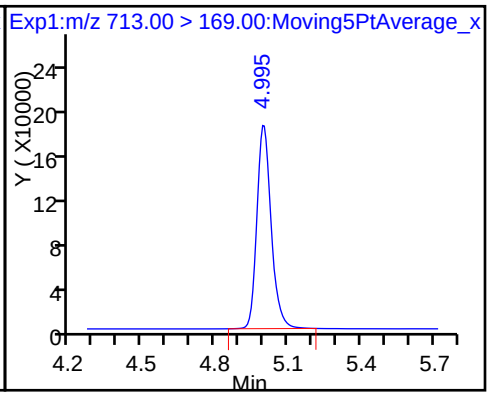
D 43 13C2-PFTeDA



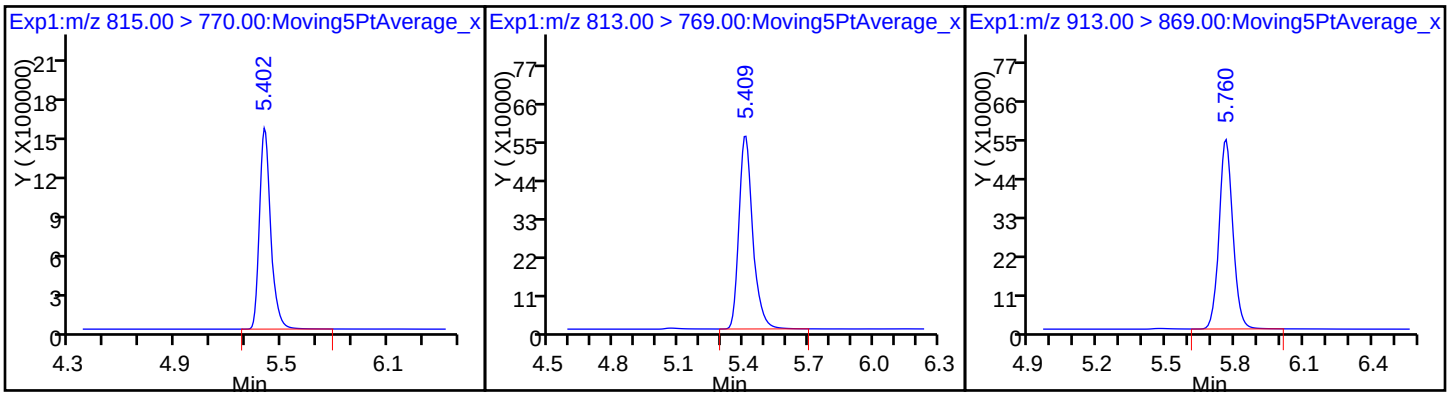
42 Perfluorotetradecanoic acid



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\20170606-43899.b\2017.06.06CURVE_007.d
Lims ID: IC L5 Full
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 06-Jun-2017 14:02:45 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\20170606-43899.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 07-Jun-2017 08:20:21 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK033

First Level Reviewer: chandrasenas Date: 06-Jun-2017 14:54:28

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	1.757	1.746	0.011		16598029	50.3		101	178721	
2 Perfluorobutyric acid										
212.90 > 169.00	1.757	1.749	0.008	1.000	15690403	51.5		103	18433	
D 3 13C5-PFPeA										
267.90 > 223.00	2.074	2.073	0.001		10835426	49.3		98.5	42448	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.074	2.074	0.0	1.000	11608590	51.5		103	4354	
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.110	2.111	-0.001	1.000	17899004	48.7		110		
298.90 > 99.00	2.110	2.111	-0.001	1.000	7342663		2.44(0.00-0.00)	110		
D 47 13C3-PFBS										
301.90 > 83.00	2.110	2.111	-0.001		271280	NC				
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.362	2.373	-0.011	1.000	3482714	47.9		103		
D 7 13C2 PFHxA										
315.00 > 270.00	2.394	2.413	-0.019		9242274	47.9		95.9	28030	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.394	2.415	-0.021	1.000	9799146	52.4		105	16882	
D 9 13C4-PFHpA										
367.00 > 322.00	2.767	2.792	-0.025		8651566	48.6		97.3	23262	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.767	2.793	-0.026	1.000	9303637	51.3		103	3256	
D 11 18O2 PFHxS										
403.00 > 84.00	2.777	2.803	-0.026		10657786	46.2		97.7	16613	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.777	2.803	-0.026	1.000	10722835	43.4		95.4		

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	3.118	3.151	-0.033		4011052	45.2		95.1		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.118	3.153	-0.035	1.000	3942830	47.3		99.7		
* 62 13C2-PFOA										
415.00 > 370.00	3.141	3.174	-0.033		8752967	50.0				
D 14 13C4 PFOA										
417.00 > 372.00	3.141	3.176	-0.035		8565005	47.5		95.0	21021	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.141	3.178	-0.037	1.000	9342547	51.0		102	2884	
413.00 > 169.00	3.141	3.178	-0.037	1.000	5234883		1.78(0.90-1.10)	102	9079	
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.141	3.179	-0.038	1.000	9604345	49.7		104		
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.507	3.481	0.026	1.000	8759357	49.0		106	14172	
499.00 > 99.00	3.507	3.481	0.026	1.000	1881570		4.66(0.90-1.10)	106	7210	
D 18 13C4 PFOS										
503.00 > 80.00	3.507	3.546	-0.039		8094745	45.4		95.1	11925	
D 19 13C5 PFNA										
468.00 > 423.00	3.513	3.555	-0.042		7159866	46.9		93.8	16388	
20 Perfluorononanoic acid										
463.00 > 419.00	3.520	3.557	-0.037	1.000	7504157	52.3		105	11155	
D 21 13C8 FOSA										
506.00 > 78.00	3.843	3.888	-0.045		14365370	47.9		95.7	14663	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	3.851	3.889	-0.038	1.000	14183021	50.9		102	12501	
D 26 M2-8:2FTS										
529.00 > 509.00	3.860	3.903	-0.043		3584998	43.8		91.4		
D 23 13C2 PFDA										
515.00 > 470.00	3.868	3.908	-0.040		6880095	45.6		91.3	9486	
24 Perfluorodecanoic acid										
513.00 > 469.00	3.868	3.909	-0.041	1.000	6837691	52.2		104	11934	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	3.860	3.903	-0.043	1.000	3417126	47.0		98.1		
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.021	4.064	-0.043		4469383	50.8		102		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.029	4.067	-0.038	1.002	4710158	51.2		102		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.165	4.202	-0.037	1.000	6004418	53.8		112		
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.181	4.225	-0.044		4311420	49.4		98.8		
D 30 13C2 PFUnA										
565.00 > 520.00	4.190	4.226	-0.036		5910135	49.3		98.6	11505	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.190	4.226	-0.036	1.000	6001124	47.7		95.3	9093	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.190	4.233	-0.043	1.002	4185883	51.4		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	4.331	4.364	-0.033		4375900	49.4		98.8		
35 MeFOSA										
512.00 > 169.00	4.331	4.370	-0.039	1.000	4486631	53.2		106		
37 Perfluorododecanoic acid										
613.00 > 569.00	4.469	4.509	-0.040	1.000	5829140	49.0		98.0	2201	
D 36 13C2 PFDoA										
615.00 > 570.00	4.469	4.509	-0.040		6222171	50.0		100.0	5426	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.498	4.540	-0.042		4147810	50.1		100		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.508	4.550	-0.042	1.000	4324767	52.1		104		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.716	4.762	-0.046	1.000	6652200	53.5		107	4731	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	4.947	4.988	-0.041	1.000	13877084	53.8		108	7570	
713.00 > 169.00	4.947	4.988	-0.041	1.000	1916664		7.24(0.00-0.00)	108	6121	
D 43 13C2-PFTeDA										
715.00 > 670.00	4.947	4.988	-0.041		13066614	50.8		102	12166	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.348	5.391	-0.043		6657793	48.6		97.3	5621	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.355	5.395	-0.040	1.000	5980612	50.5		101	3813	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.701	5.745	-0.044	1.000	5210924	47.3		94.6	5184	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L5_00005 Amount Added: 1.00 Units: mL

Report Date: 07-Jun-2017 08:20:21 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_007.d

Injection Date: 06-Jun-2017 14:02:45 Instrument ID: A8_N

Lims ID: IC L5 Full

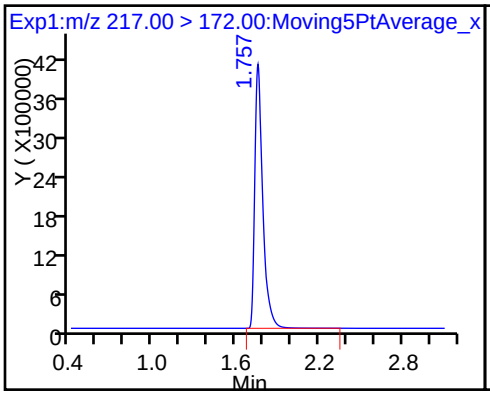
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 32 Worklist Smp#: 6

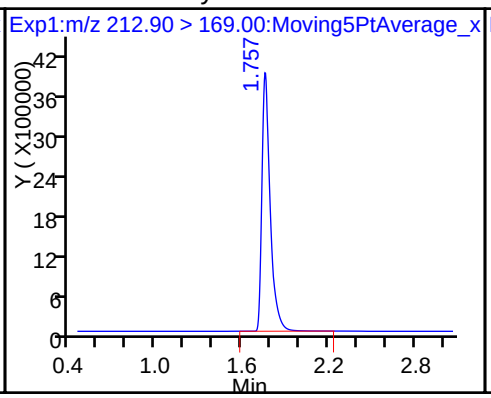
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

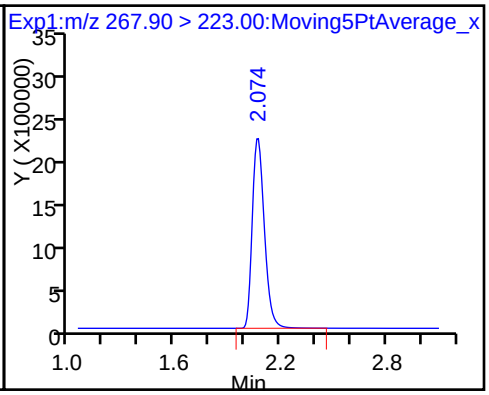
D 1 13C4 PFBA



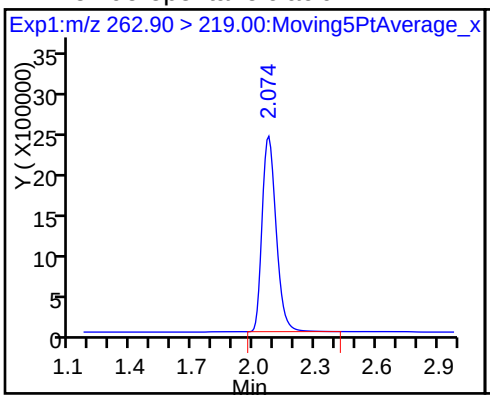
2 Perfluorobutyric acid



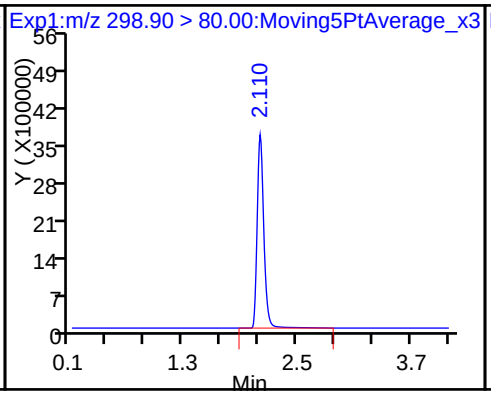
D 3 13C5-PFPeA



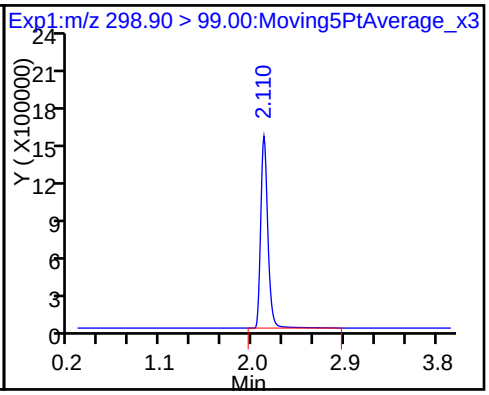
4 Perfluoropentanoic acid



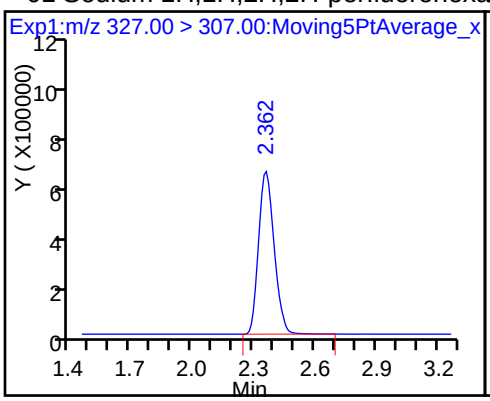
5 Perfluorobutanesulfonic acid



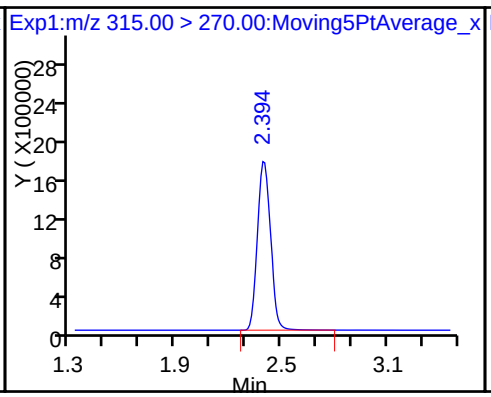
5 Perfluorobutanesulfonic acid



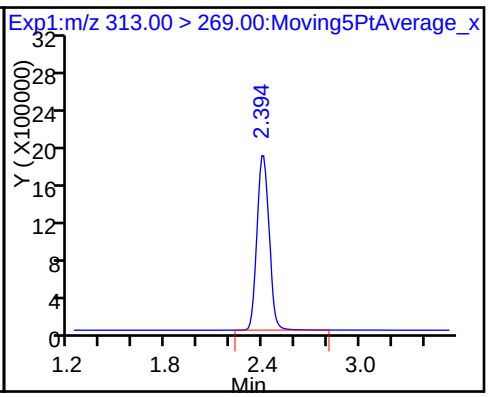
61 Sodium 1H,1H,2H,2H-perfluorohexa



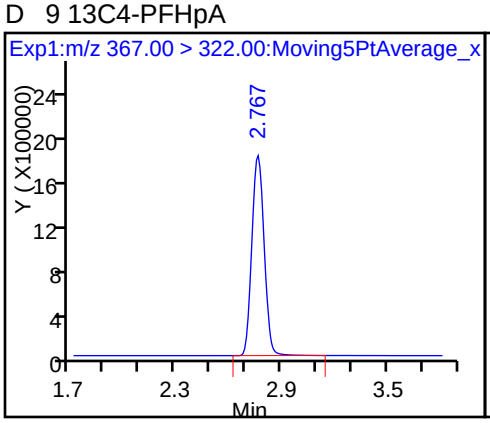
De 7 13C2 PFHxA



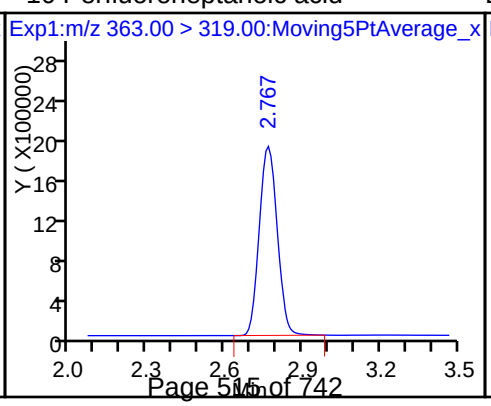
6 Perfluorohexanoic acid



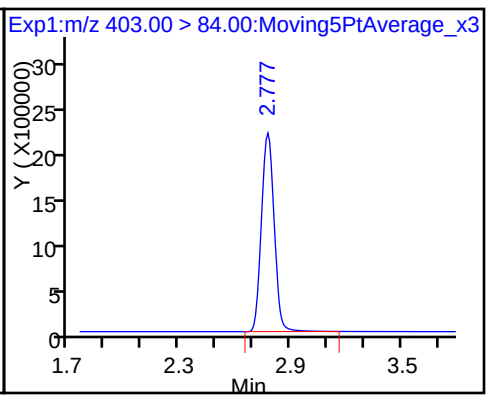
D 9 13C4-PFHpA



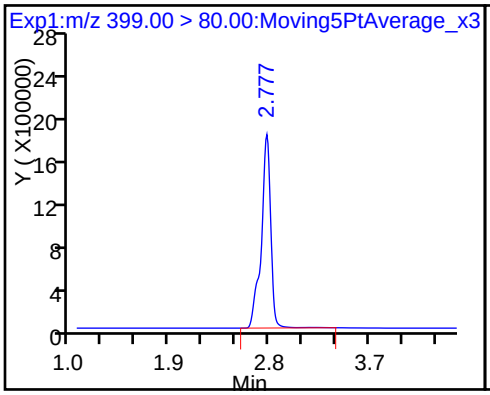
10 Perfluoroheptanoic acid



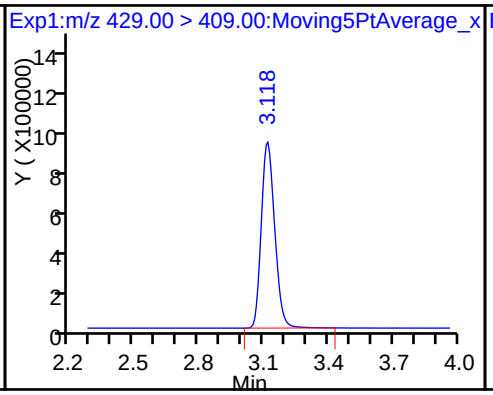
D 11 18O2 PFHxS



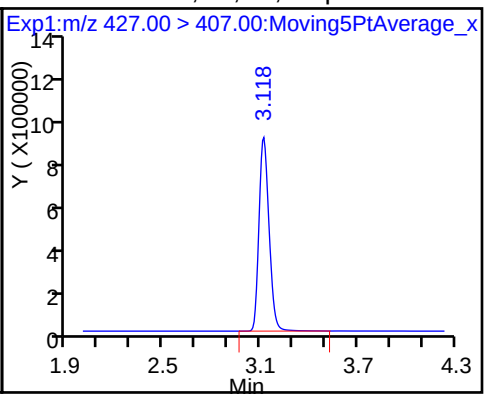
8 Perfluorohexanesulfonic acid



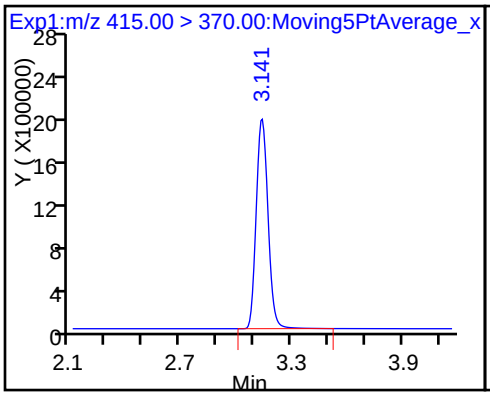
D 12 M2-6:2FTS



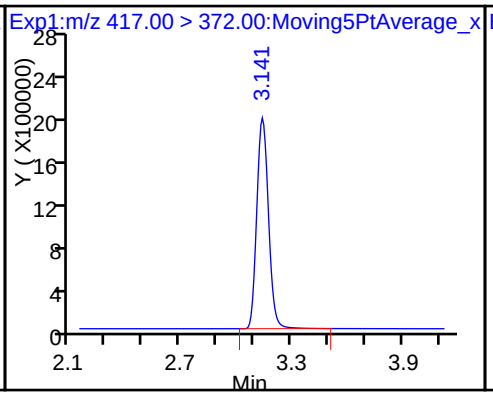
13 Sodium 1H,1H,2H,2H-perfluorooctane



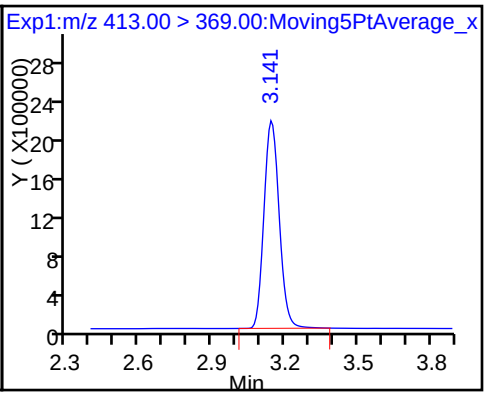
* 62 13C2-PFOA



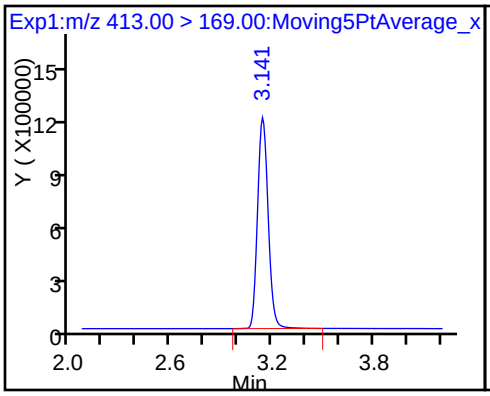
D 14 13C4 PFOA



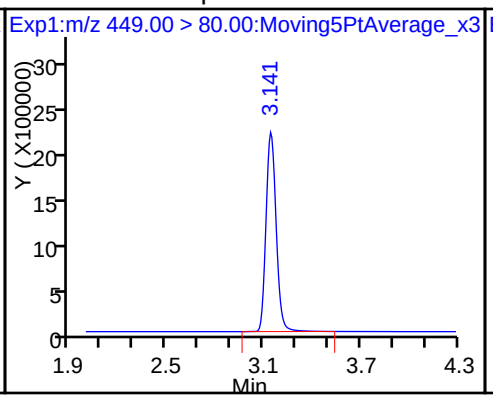
15 Perfluorooctanoic acid



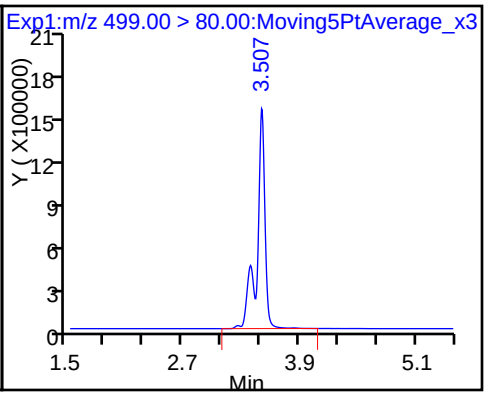
15 Perfluorooctanoic acid



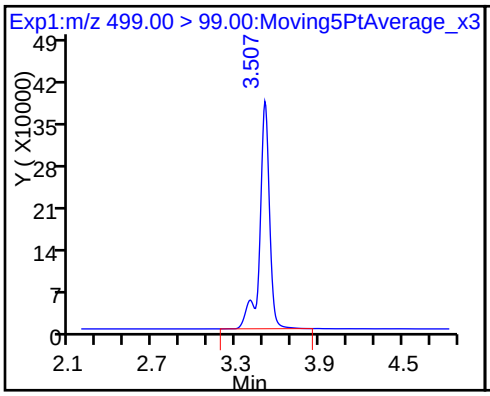
16 Perfluoroheptanesulfonic Acid



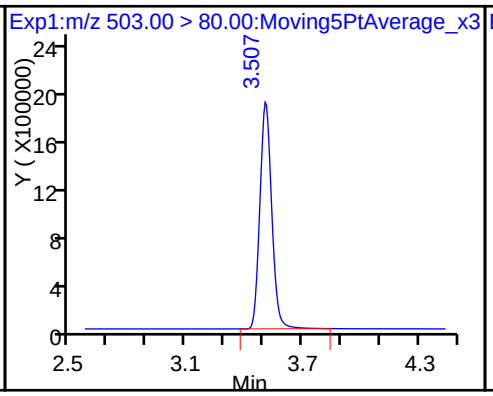
17 Perfluorooctane sulfonic acid



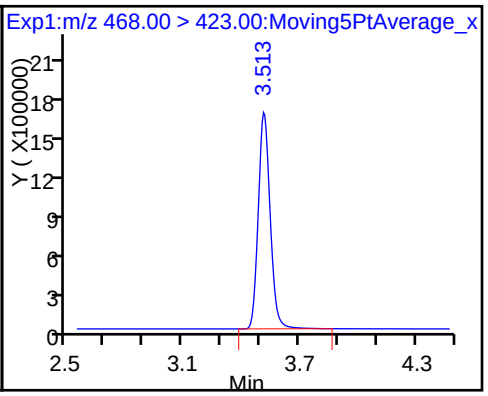
17 Perfluorooctane sulfonic acid



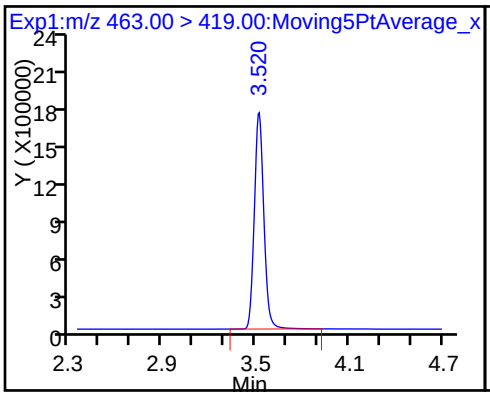
D 18 13C4 PFOS



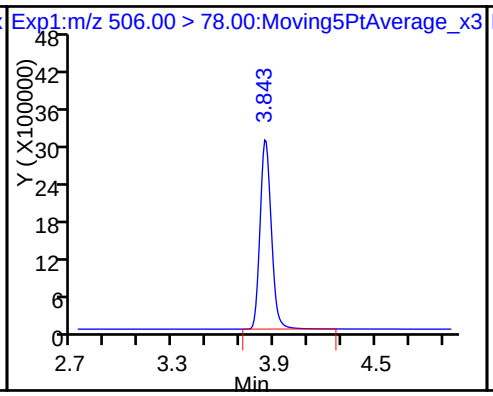
D 19 13C5 PFNA



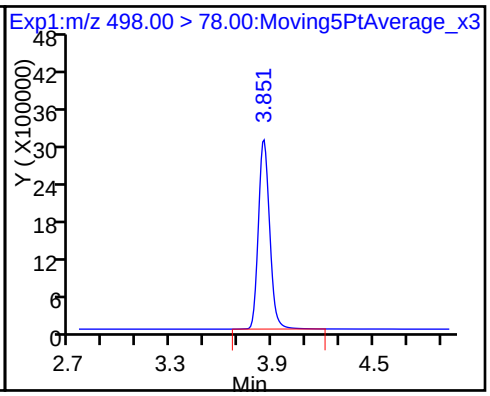
20 Perfluorononanoic acid



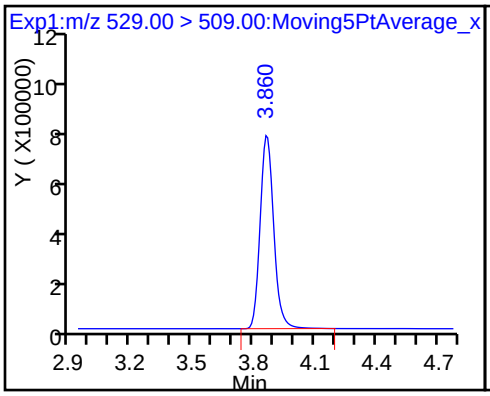
D 21 13C8 FOSA



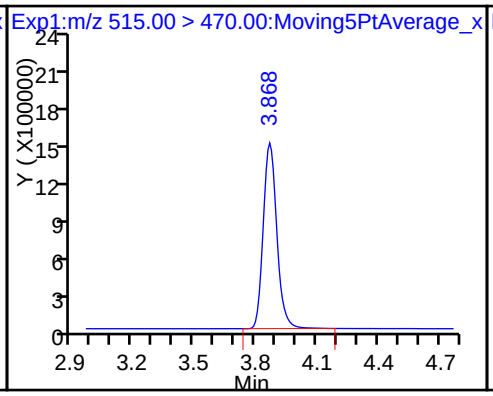
22 Perfluorooctane Sulfonamide



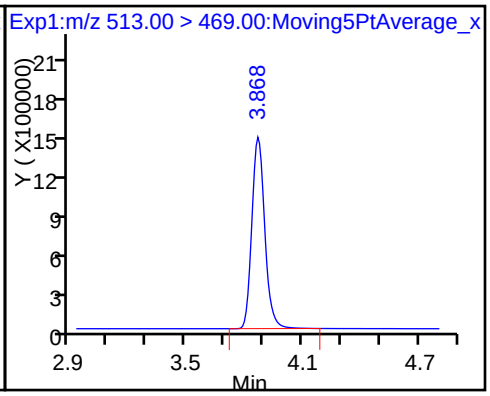
D 26 M2-8:2FTS



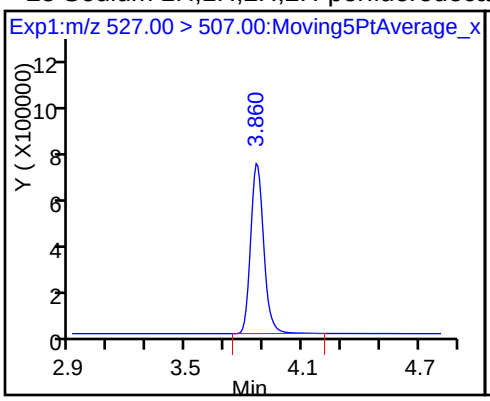
D 23 13C2 PFDA



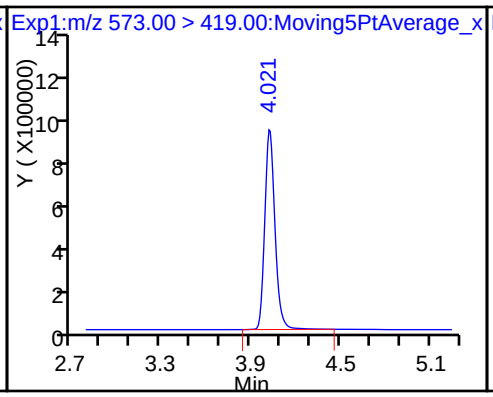
24 Perfluorodecanoic acid



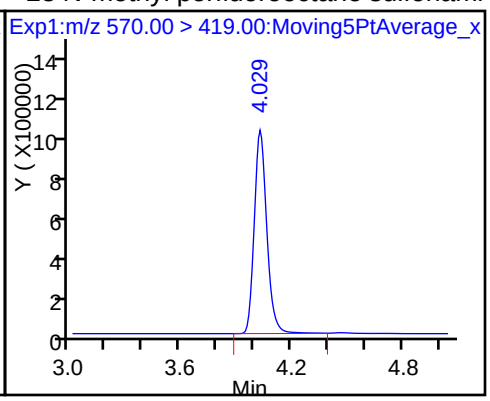
25 Sodium 1H,1H,2H,2H-perfluorodecane



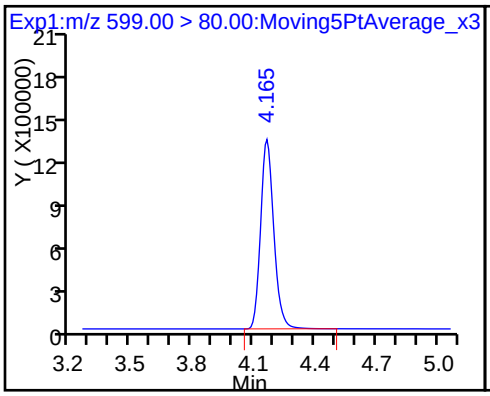
D 27 d3-NMeFOSAA



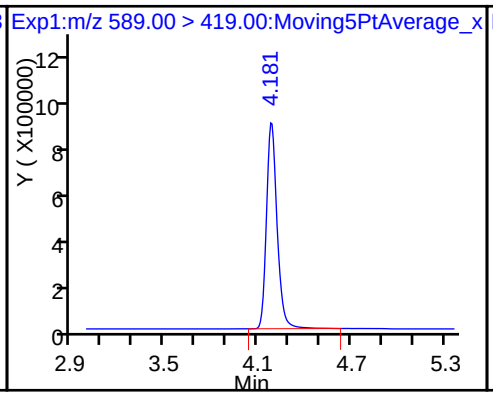
28 N-methyl perfluorooctane sulfonami



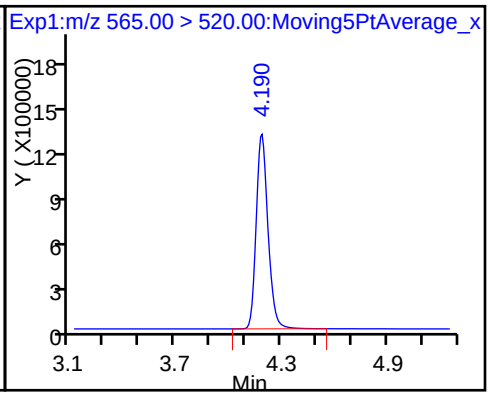
29 Perfluorodecane Sulfonic acid



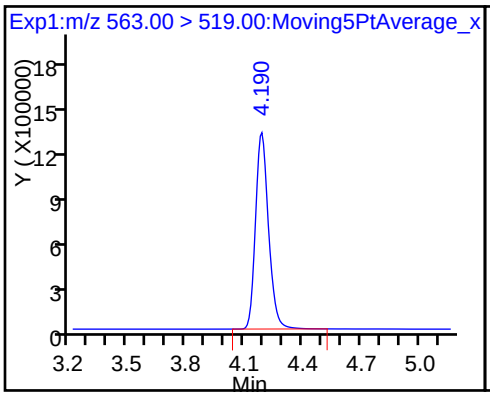
D 32 d5-NEtFOSAA



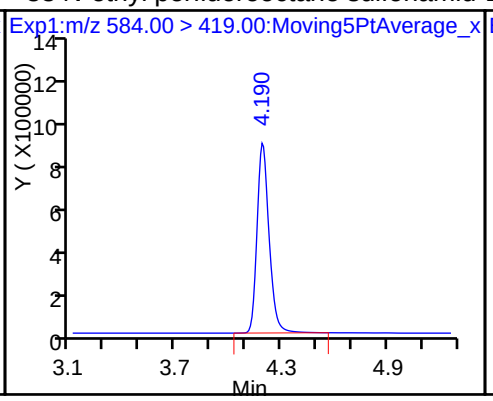
D 30 13C2 PFUnA



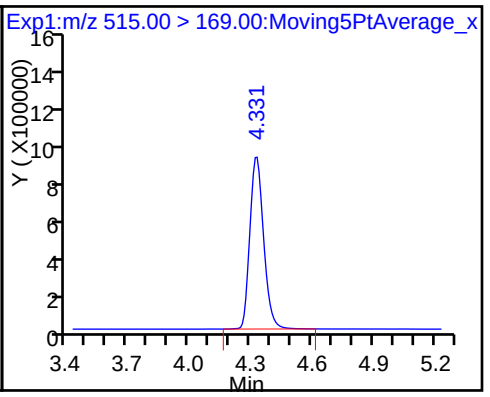
31 Perfluoroundecanoic acid



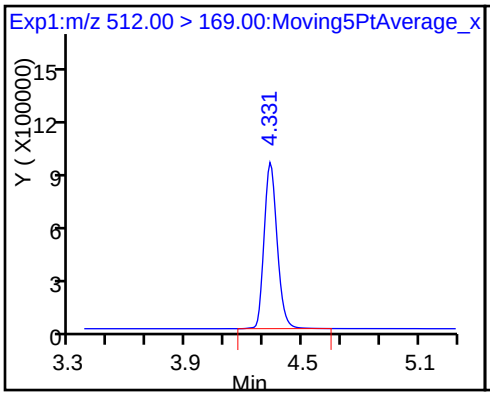
33 N-ethyl perfluorooctane sulfonamid



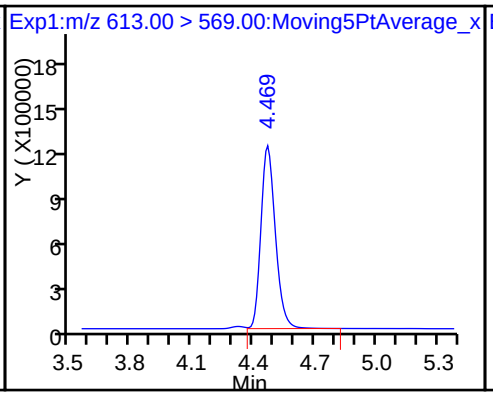
D 34 d-N-MeFOSA-M



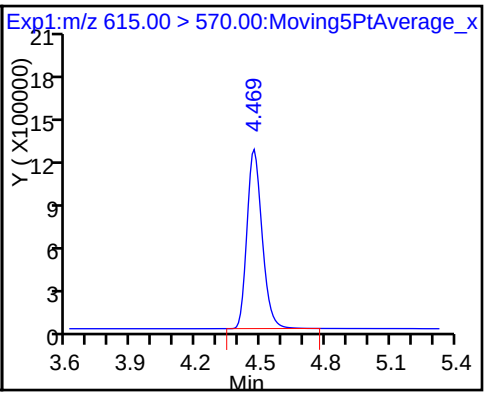
35 MeFOSA



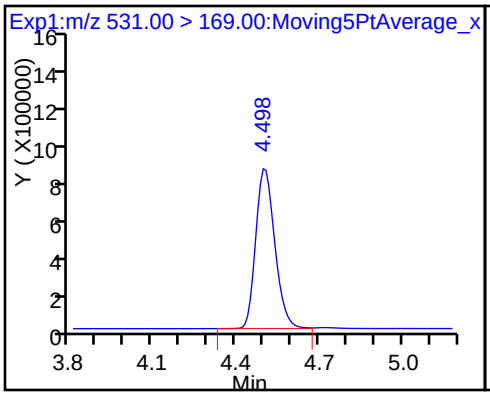
37 Perfluorododecanoic acid



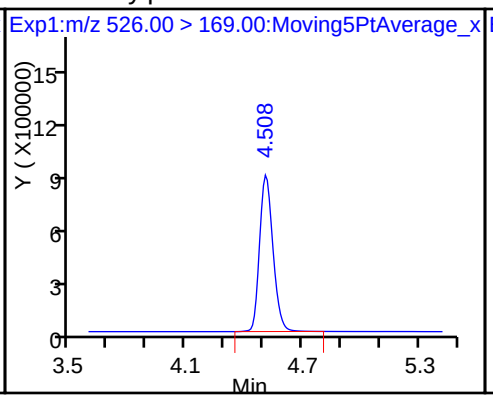
D 36 13C2 PFDoA



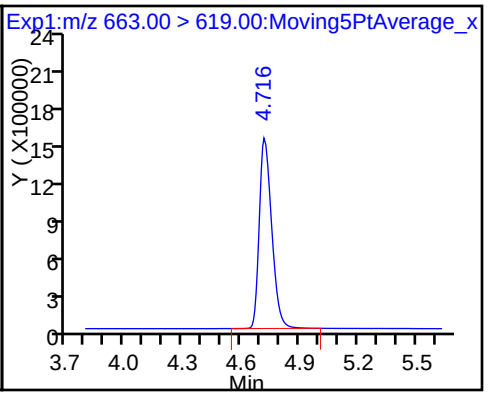
D 38 d-N-EtFOSA-M



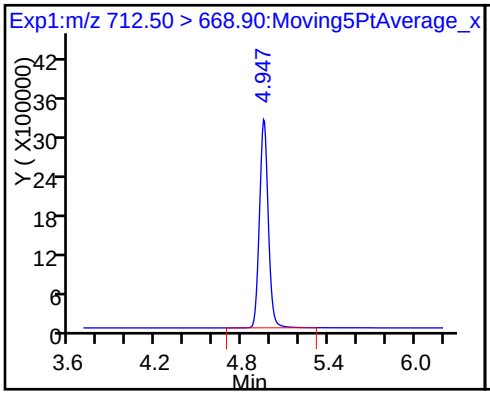
39 N-ethylperfluoro-1-octanesulfonami



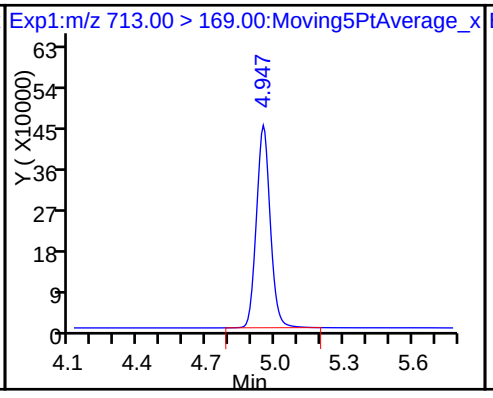
41 Perfluorotridecanoic acid



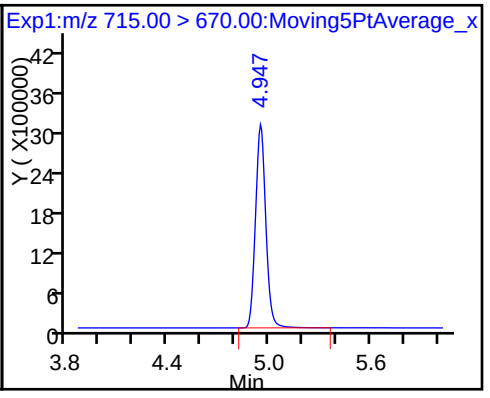
42 Perfluorotetradecanoic acid



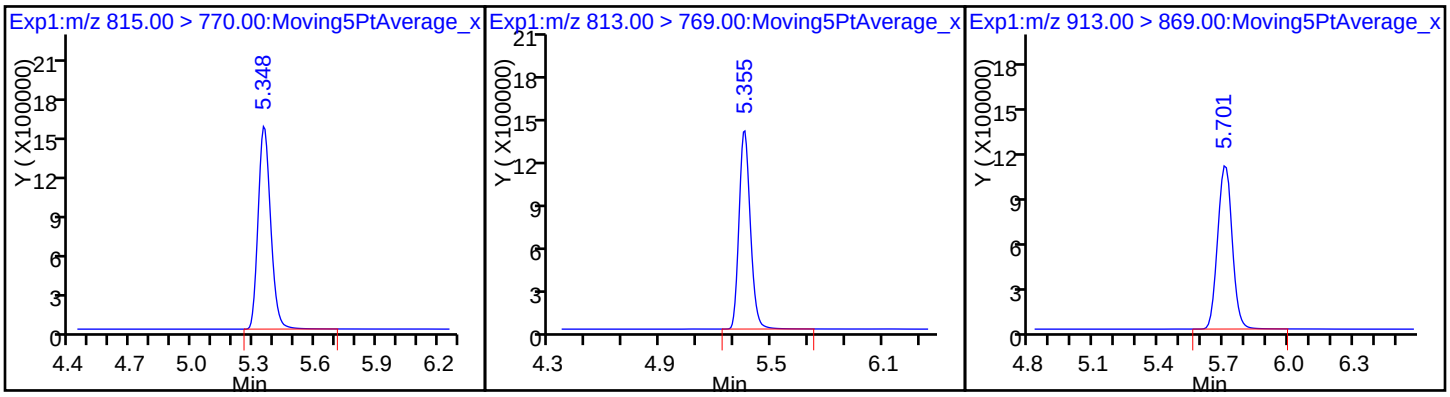
42 Perfluorotetradecanoic acid



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\20170606-43899.b\2017.06.06CURVE_008.d
Lims ID: IC L6 Full
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 06-Jun-2017 14:10:26 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\20170606-43899.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 07-Jun-2017 08:20:24 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK033

First Level Reviewer: chandrasenas Date: 06-Jun-2017 14:54:46

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	1.715	1.746	-0.031		15436785	46.8		93.6	46809	
2 Perfluorobutyric acid										
212.90 > 169.00	1.719	1.749	-0.030	1.000	27491311	96.9		96.9	16262	
D 3 13C5-PFPeA										
267.90 > 223.00	2.042	2.073	-0.031		10478326	47.6		95.3	37185	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.042	2.074	-0.032	1.000	21498244	98.6		98.6	7791	
D 47 13C3-PFBS										
301.90 > 83.00	2.087	2.111	-0.024		259832	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.087	2.111	-0.024	1.000	30621227	88.3		99.9		
298.90 > 99.00	2.087	2.111	-0.024	1.000	13713346		2.23(0.00-0.00)	99.9		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.355	2.373	-0.018	1.000	6808579	95.9		103		
D 7 13C2 PFHxA										
315.00 > 270.00	2.398	2.413	-0.015		9000471	46.7		93.3	25763	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.398	2.415	-0.017	1.000	18608789	102.1		102	21484	
D 9 13C4-PFHpA										
367.00 > 322.00	2.778	2.792	-0.014		8118133	45.6		91.3	29341	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.787	2.793	-0.006	1.000	17384856	102.2		102	5962	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.795	2.803	-0.008	1.000	20846360	89.6		98.4		
D 11 18O2 PFHxS										
403.00 > 84.00	2.795	2.803	-0.008		10047436	43.6		92.1	19220	

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	3.148	3.151	-0.003		3917803	44.1		92.8		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.148	3.153	-0.005	1.000	7871580	96.6		102		
* 62 13C2-PFOA										
415.00 > 370.00	3.170	3.174	-0.004		8164671	50.0				
D 14 13C4 PFOA										
417.00 > 372.00	3.170	3.176	-0.006		8283659	45.9		91.9	26857	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.177	3.178	-0.001	1.000	17433456	98.5		98.5	5012	
413.00 > 169.00	3.170	3.178	-0.008	0.998	10332505		1.69(0.90-1.10)	98.5	14786	
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.177	3.179	-0.002	1.000	18606449	97.4		102		
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.431	3.481	-0.050	1.000	17109959	96.8		104	1463	
499.00 > 99.00	3.546	3.481	0.065	1.034	3717551		4.60(0.90-1.10)	104	8989	
D 18 13C4 PFOS										
503.00 > 80.00	3.546	3.546	0.0		8006290	44.9		94.0	27184	
D 19 13C5 PFNA										
468.00 > 423.00	3.559	3.555	0.004		7155137	46.9		93.7	23746	
20 Perfluorononanoic acid										
463.00 > 419.00	3.559	3.557	0.002	1.000	14375092	100.2		100	20834	
D 21 13C8 FOSA										
506.00 > 78.00	3.892	3.888	0.004		13943325	46.4		92.9	13180	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	3.892	3.889	0.003	1.000	26718233	98.8		98.8	39002	
D 26 M2-8:2FTS										
529.00 > 509.00	3.907	3.903	0.004		4103773	50.1		105		
D 23 13C2 PFDA										
515.00 > 470.00	3.914	3.908	0.006		7113155	47.2		94.3	12460	
24 Perfluorodecanoic acid										
513.00 > 469.00	3.914	3.909	0.005	1.000	13809842	101.9		102	21720	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	3.907	3.904	0.003	1.000	7689657	92.4		96.4		
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.069	4.064	0.005		4166659	47.3		94.6		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.069	4.067	0.002	1.000	8990148	104.9		105		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.204	4.202	0.002	1.000	11283031	102.3		106		
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.229	4.225	0.004		3831476	43.9		87.8		
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.229	4.226	0.003	1.000	10958427	96.5		96.5	17817	
D 30 13C2 PFUnA										
565.00 > 520.00	4.229	4.226	0.003		5329123	44.5		88.9	8219	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.238	4.233	0.005	1.002	7444963	102.9		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	4.366	4.364	0.002		4474532	50.5		101		
35 MeFOSA										
512.00 > 169.00	4.375	4.370	0.005	1.000	8945690	103.8		104		
D 36 13C2 PFDoA										
615.00 > 570.00	4.516	4.509	0.007		6303717	50.6		101	6804	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.516	4.509	0.007	1.000	12226133	101.4		101	3870	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.545	4.540	0.005		4124361	49.8		99.7		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.555	4.550	0.005	1.000	8820848	106.9		107		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.772	4.762	0.010	1.000	11758359	93.3		93.3	4980	
D 43 13C2-PFTeDA										
715.00 > 670.00	4.994	4.988	0.006		12360442	48.1		96.2	13822	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	4.994	4.988	0.006	1.000	24586938	94.1		94.1	11584	
713.00 > 169.00	4.994	4.988	0.006	1.000	3590205		6.85(0.00-0.00)	94.1	10499	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.401	5.391	0.010		6548753	47.9		95.7	6011	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.401	5.395	0.006	1.000	11604953	97.5		97.5	4554	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.751	5.745	0.006	1.000	10779764	96.6		96.6	9450	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L6_00005 Amount Added: 1.00 Units: mL

Report Date: 07-Jun-2017 08:20:24 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_008.d

Injection Date: 06-Jun-2017 14:10:26 Instrument ID: A8_N

Lims ID: IC L6 Full

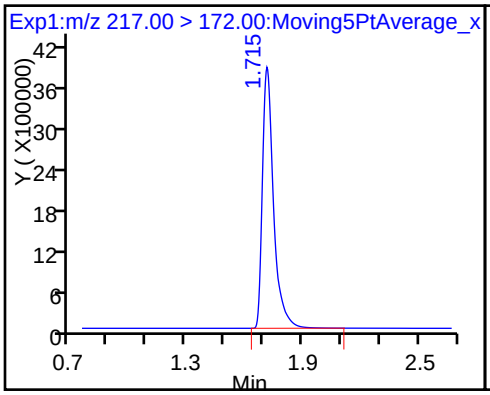
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 33 Worklist Smp#: 7

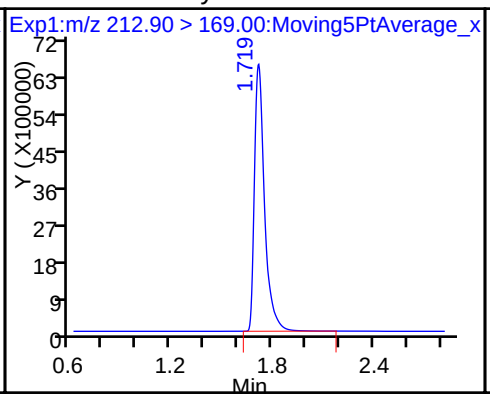
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

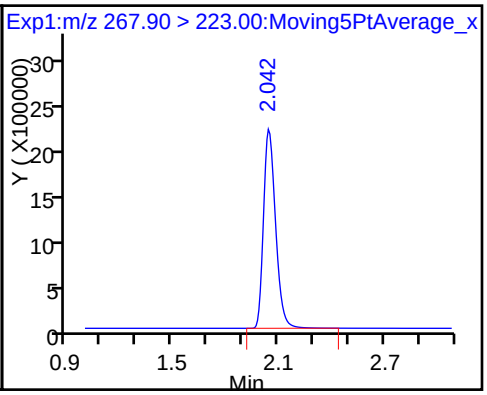
D 1 13C4 PFBA



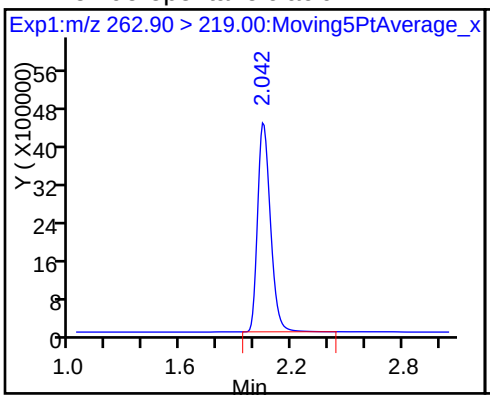
2 Perfluorobutyric acid



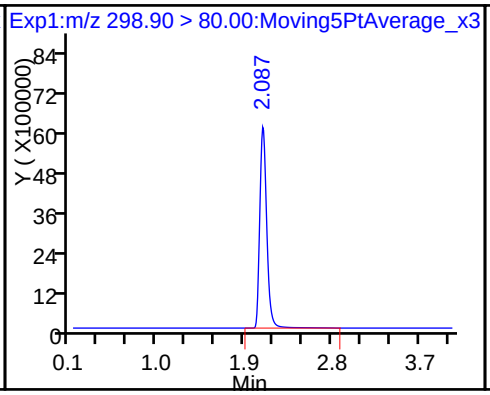
D 3 13C5-PFPeA



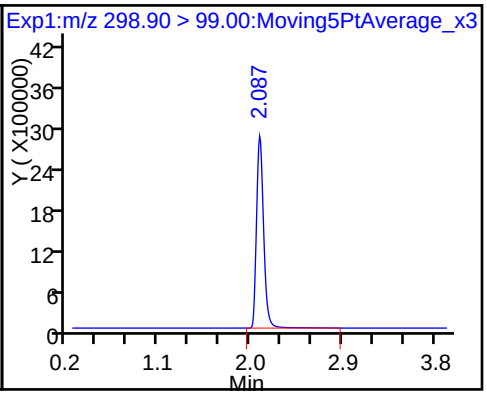
4 Perfluoropentanoic acid



5 Perfluorobutanesulfonic acid

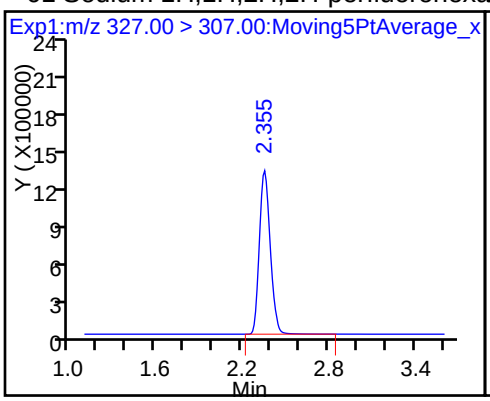


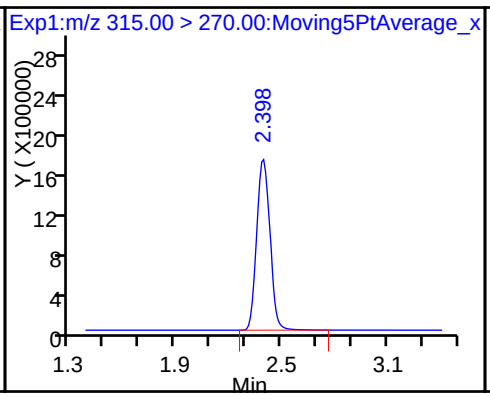
5 Perfluorobutanesulfonic acid



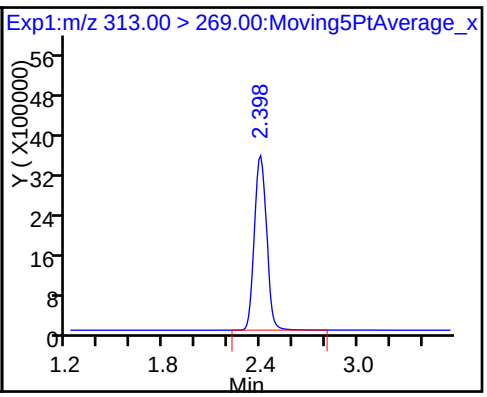
61 Sodium 1H,1H,2H,2H-perfluorohexa

D 7 13C2 PFHxA

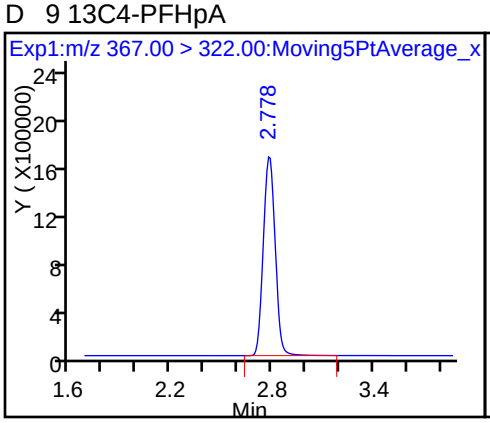




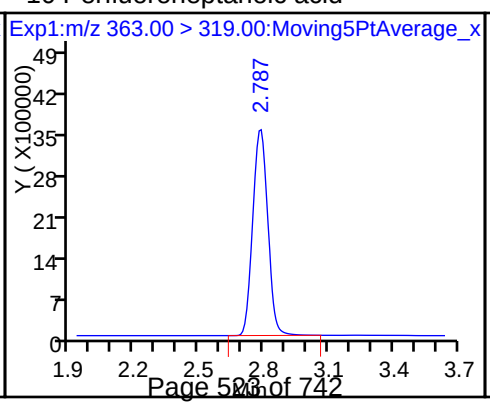
6 Perfluorohexanoic acid



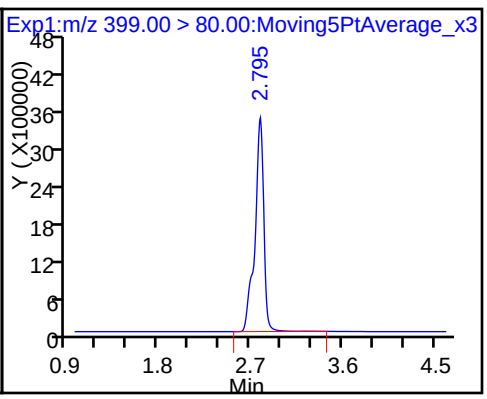
D 9 13C4-PFHpA



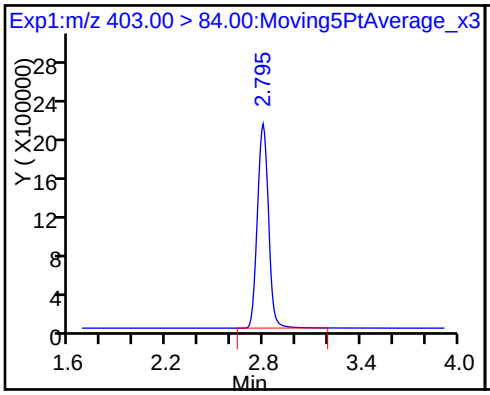
10 Perfluoroheptanoic acid



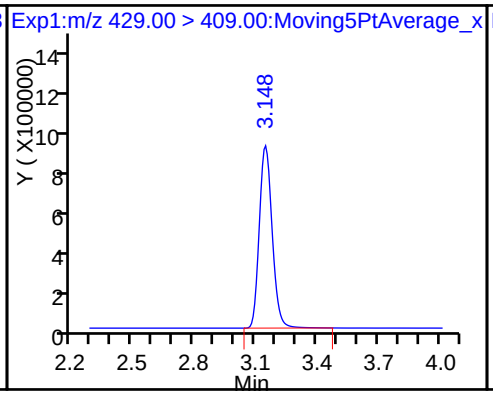
8 Perfluorohexanesulfonic acid



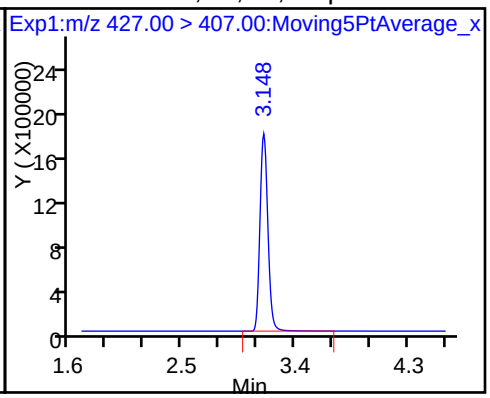
D 11 18O2 PFHxS



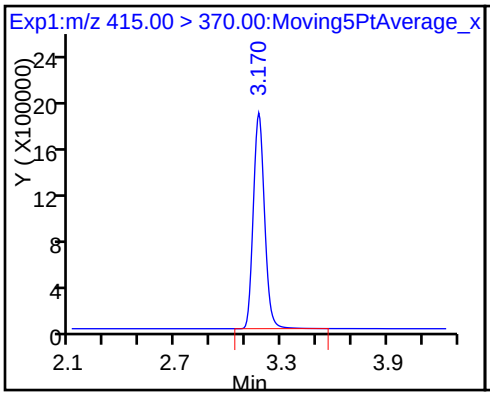
D 12 M2-6:2FTS



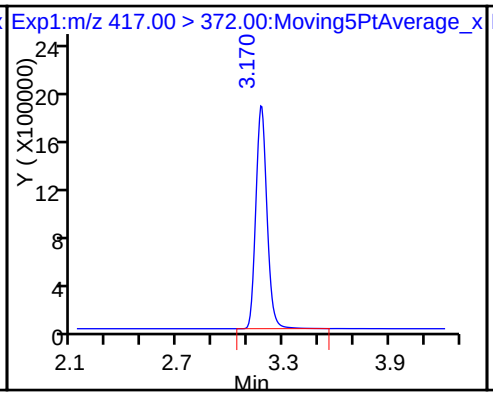
13 Sodium 1H,1H,2H,2H-perfluorooctane



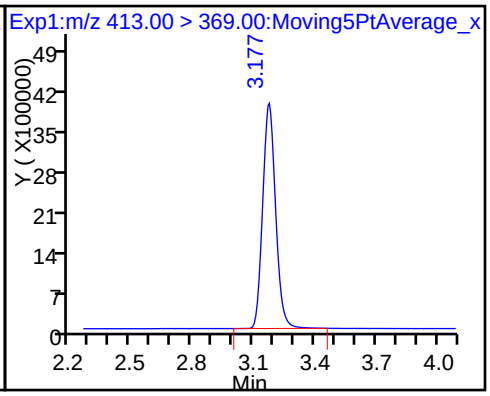
* 62 13C2-PFOA



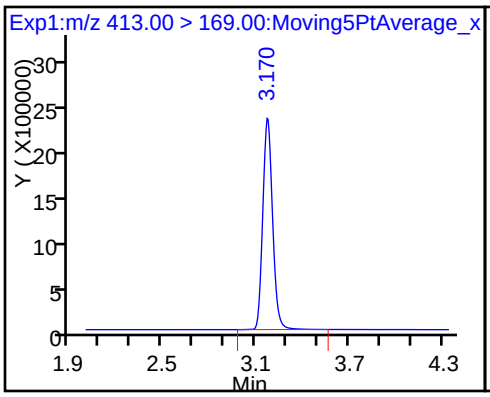
D 14 13C4 PFOA



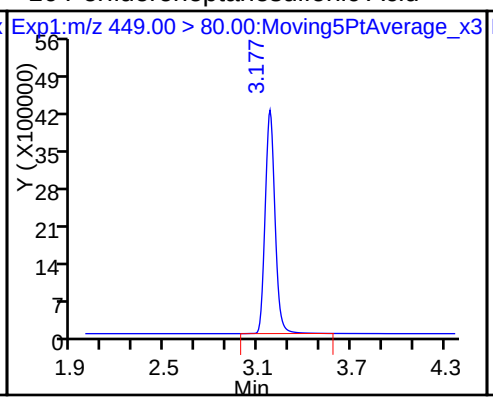
15 Perfluorooctanoic acid



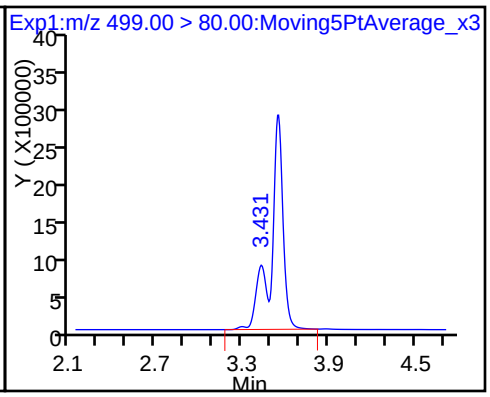
15 Perfluorooctanoic acid



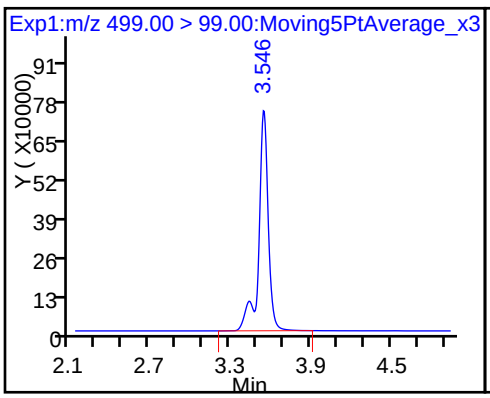
16 Perfluoroheptanesulfonic Acid



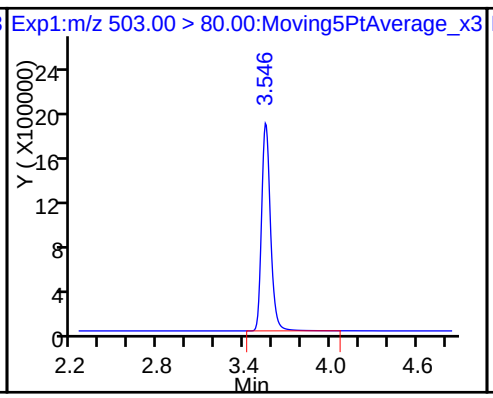
17 Perfluorooctane sulfonic acid



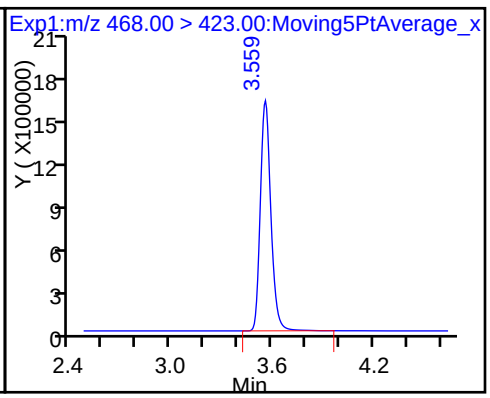
17 Perfluorooctane sulfonic acid



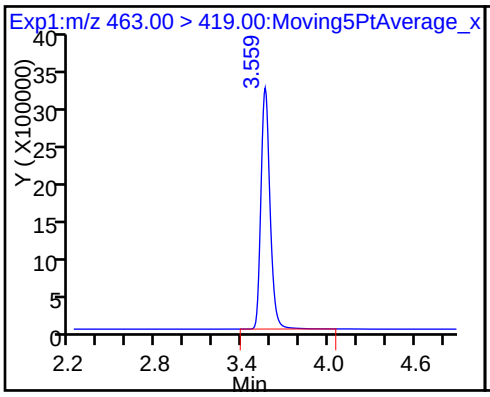
D 18 13C4 PFOS



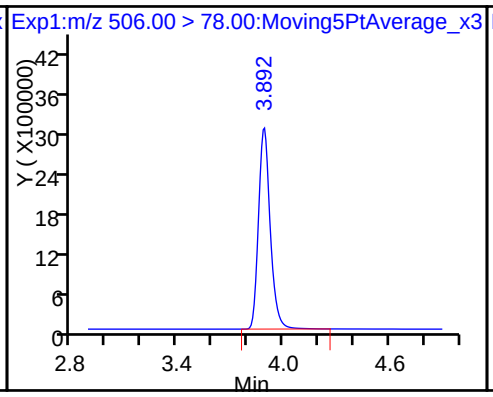
D 19 13C5 PFNA



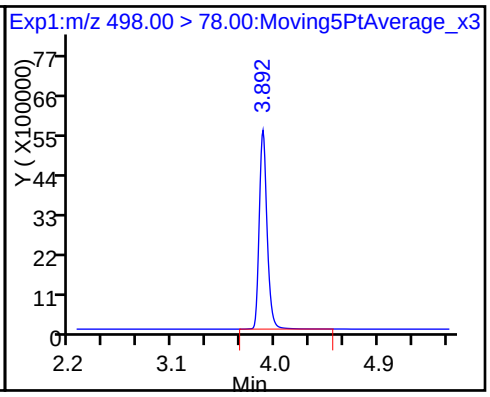
20 Perfluorononanoic acid



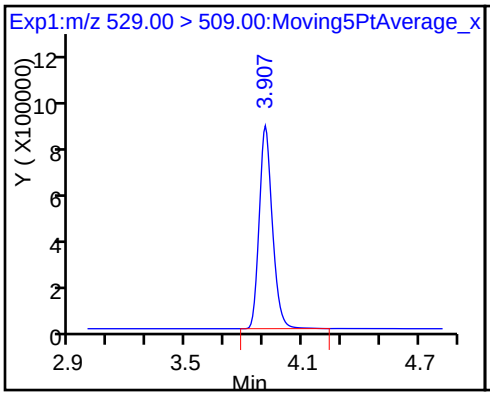
D 21 13C8 FOSA



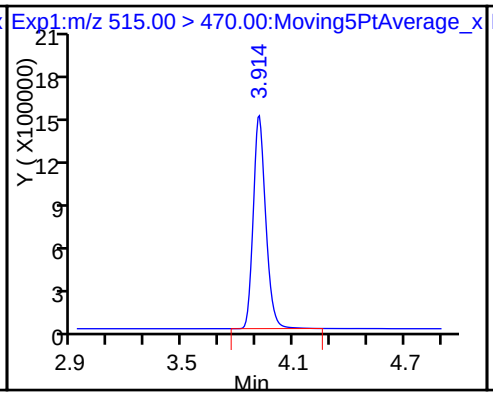
22 Perfluorooctane Sulfonamide



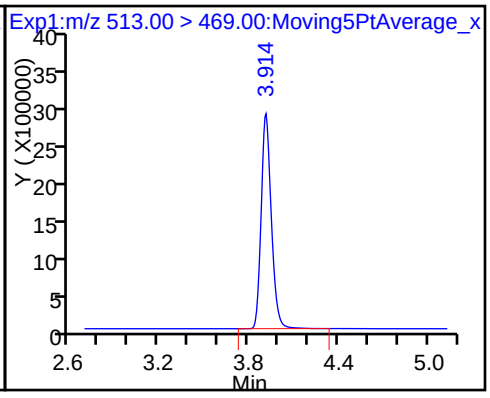
D 26 M2-8:2FTS



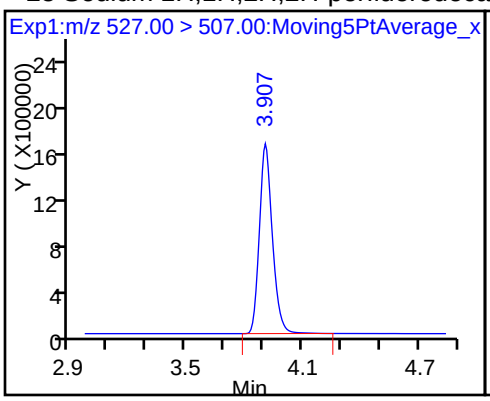
D 23 13C2 PFDA



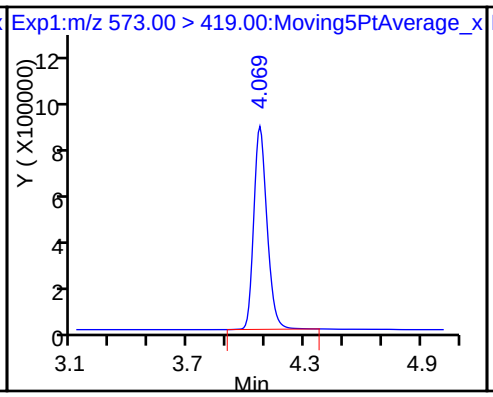
24 Perfluorodecanoic acid



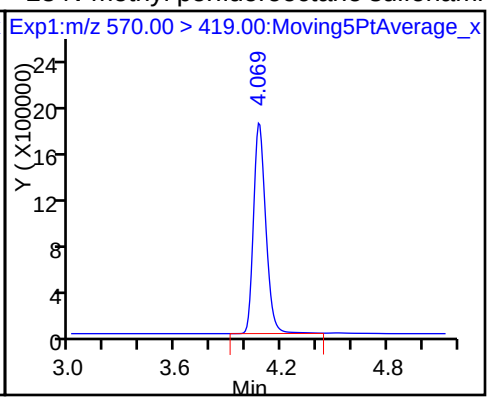
25 Sodium 1H,1H,2H,2H-perfluorodecane



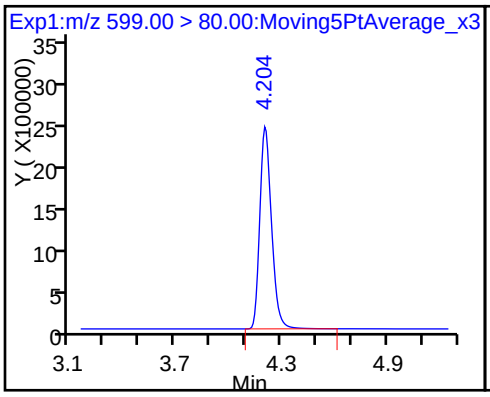
D 27 d3-NMeFOSAA



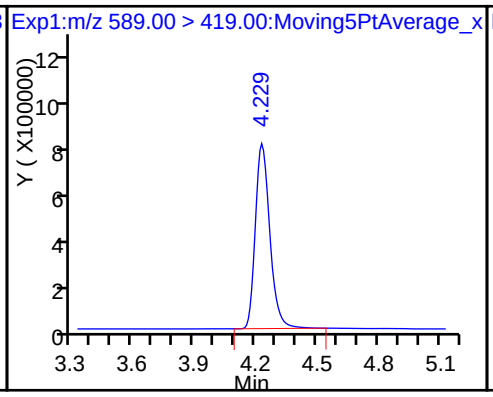
28 N-methyl perfluorooctane sulfonami



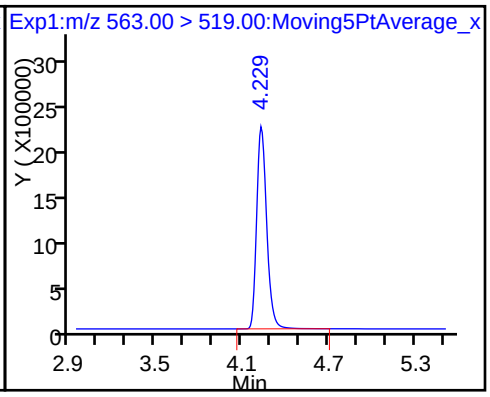
29 Perfluorodecane Sulfonic acid



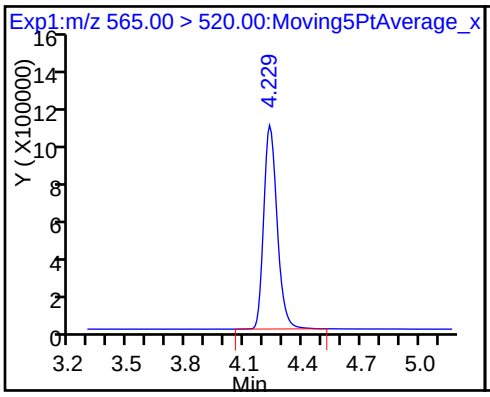
D 32 d5-NEtFOSAA



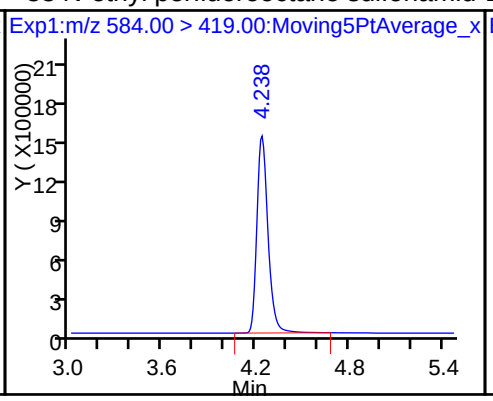
31 Perfluoroundecanoic acid



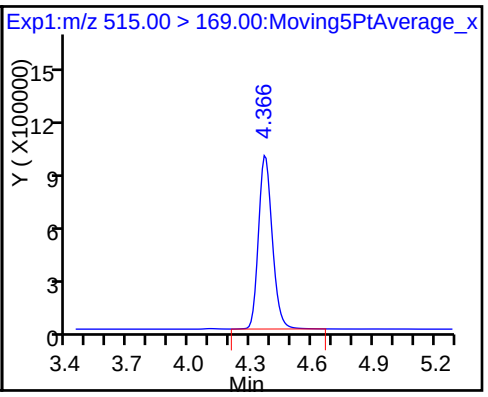
D 30 13C2 PFUnA



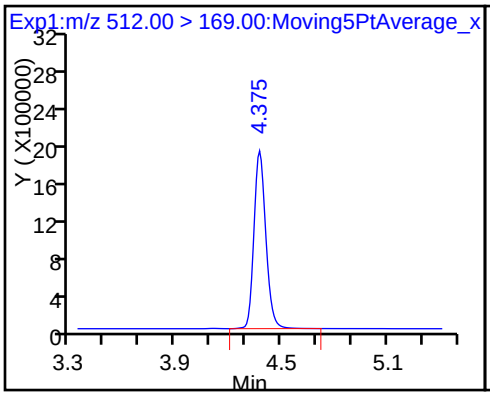
33 N-ethyl perfluorooctane sulfonamid



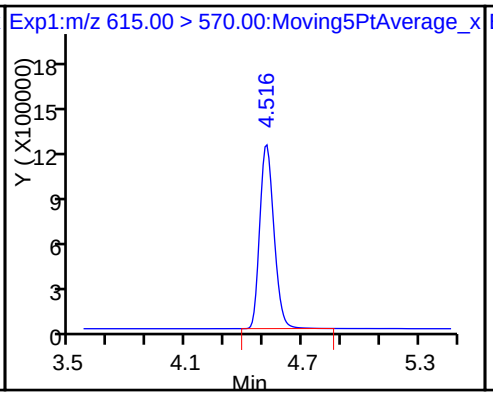
D 34 d-N-MeFOSA-M



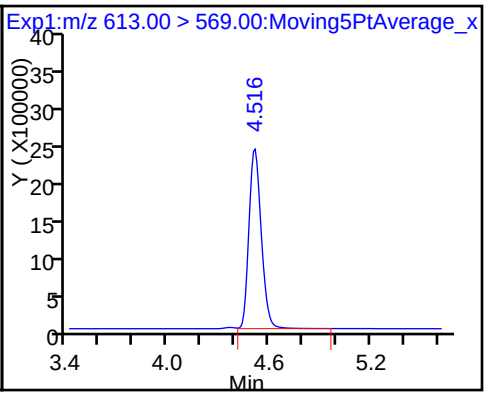
35 MeFOSA



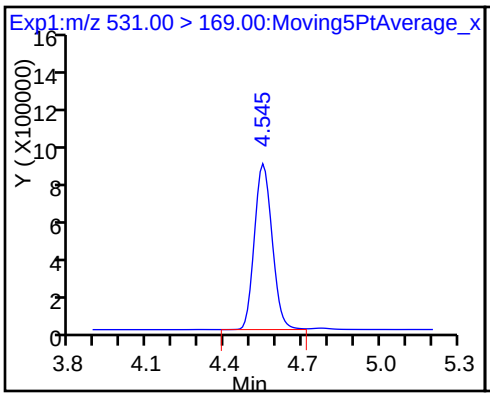
D 36 13C2 PFDoA



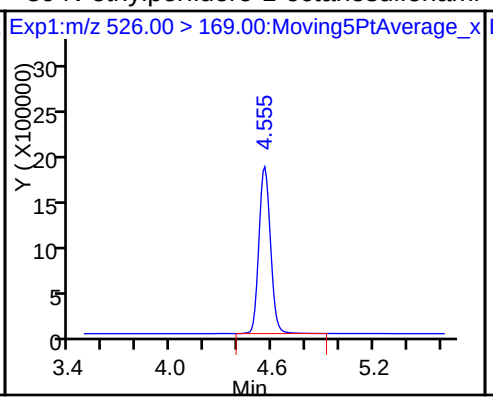
37 Perfluorododecanoic acid



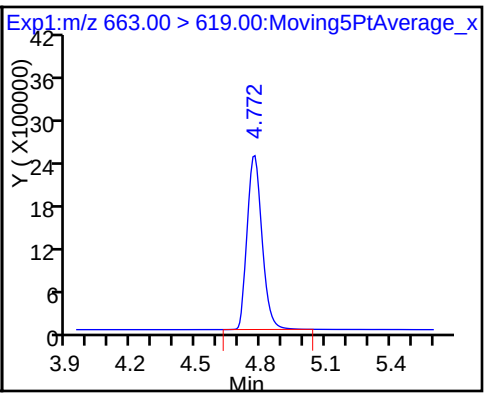
D 38 d-N-EtFOSA-M



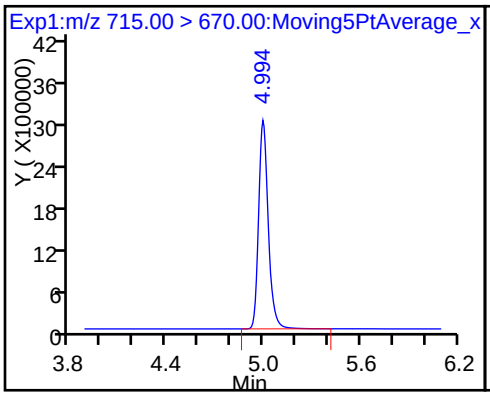
39 N-ethylperfluoro-1-octanesulfonami



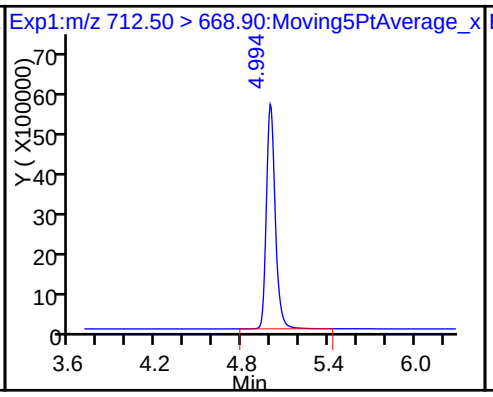
41 Perfluorotridecanoic acid



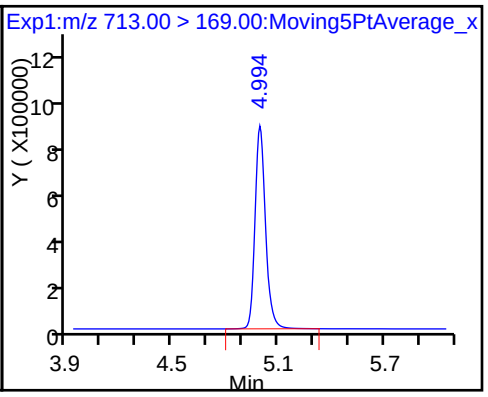
D 43 13C2-PFTeDA



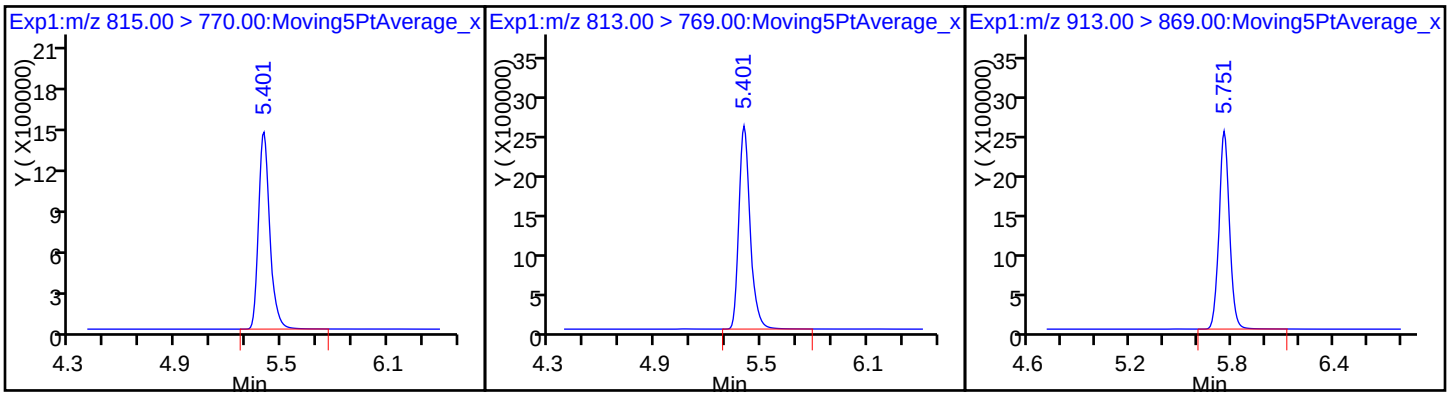
42 Perfluorotetradecanoic acid



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\20170606-43899.b\2017.06.06CURVE_009.d
Lims ID: IC L7 Full
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 06-Jun-2017 14:18:07 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\20170606-43899.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 07-Jun-2017 08:20:27 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK033

First Level Reviewer: chandrasenas Date: 06-Jun-2017 14:55:07

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	1.739	1.746	-0.007		14670457	44.5		89.0	45018	
2 Perfluorobutyric acid										
212.90 > 169.00	1.742	1.749	-0.007	1.000	45503740	168.8		84.4	15510	
D 3 13C5-PFPeA										
267.90 > 223.00	2.069	2.073	-0.004		9352823	42.5		85.0	32880	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.069	2.074	-0.005	1.000	34142749	175.4		87.7	10909	
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.105	2.111	-0.006	1.000	47764002	151.2		85.5		
298.90 > 99.00	2.105	2.111	-0.006	1.000	24454335		1.95(0.00-0.00)	85.5		
D 47 13C3-PFBS										
301.90 > 83.00	2.105	2.111	-0.006		246644	NC				
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.366	2.373	-0.007	1.000	12892114	173.1		92.6		
D 7 13C2 PFHxA										
315.00 > 270.00	2.409	2.413	-0.004		8308032	43.1		86.2	26882	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.409	2.415	-0.006	1.000	30388186	180.7		90.3	20803	
D 9 13C4-PFHpA										
367.00 > 322.00	2.787	2.792	-0.005		7495237	42.1		84.3	25914	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.787	2.793	-0.006	1.000	28962446	184.4		92.2	9755	
D 11 18O2 PFHxS										
403.00 > 84.00	2.795	2.803	-0.008		9152921	39.7		83.9	15050	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.795	2.803	-0.008	1.000	36326380	171.3		94.1		

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	3.141	3.151	-0.010		4110352	46.3		97.4		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.149	3.153	-0.004	1.000	13746035	160.8		84.8		
* 62 13C2-PFOA										
415.00 > 370.00	3.170	3.174	-0.004		7333905	50.0				
D 14 13C4 PFOA										
417.00 > 372.00	3.170	3.176	-0.006		7352976	40.8		81.6	24417	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.170	3.178	-0.008	1.000	28982100	184.5		92.2	7491	
413.00 > 169.00	3.170	3.178	-0.008	1.000	17861227		1.62(0.90-1.10)	92.2	14762	
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.177	3.179	-0.002	1.000	30429275	171.2		89.9		
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.546	3.481	0.065	1.000	30958564	188.2		101	20617	
499.00 > 99.00	3.539	3.481	0.058	0.998	7005303		4.42(0.90-1.10)	101	12998	
D 18 13C4 PFOS										
503.00 > 80.00	3.539	3.546	-0.007		7449567	41.8		87.5	15738	
D 19 13C5 PFNA										
468.00 > 423.00	3.552	3.555	-0.003		6208617	40.7		81.3	20153	
20 Perfluorononanoic acid										
463.00 > 419.00	3.552	3.557	-0.005	1.000	24022877	193.0		96.5	16868	
D 21 13C8 FOSA										
506.00 > 78.00	3.885	3.888	-0.003		12394073	41.3		82.6	11846	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	3.885	3.889	-0.004	1.000	40674110	169.3		84.6	10940	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	3.900	3.903	-0.003	1.000	13269259	173.2		90.4		
D 26 M2-8:2FTS										
529.00 > 509.00	3.900	3.903	-0.003		3776708	46.1		96.3		
D 23 13C2 PFDA										
515.00 > 470.00	3.907	3.908	-0.001		6140363	40.7		81.4	9540	
24 Perfluorodecanoic acid										
513.00 > 469.00	3.907	3.909	-0.002	1.000	23341247	199.6		99.8	14495	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.061	4.064	-0.003		4156833	47.2		94.4		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.061	4.067	-0.006	1.000	17638254	206.3		103		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.196	4.202	-0.006	1.000	18842939	183.6		95.2		
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.221	4.225	-0.004		3437412	39.4		78.8		
D 30 13C2 PFUnA										
565.00 > 520.00	4.221	4.226	-0.005		4611652	38.5		77.0	9620	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.221	4.226	-0.005	1.000	18549751	188.8		94.4	14182	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.230	4.233	-0.003	1.002	13681734	210.8		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	4.358	4.364	-0.006		4286058	48.4		96.8		
35 MeFOSA										
512.00 > 169.00	4.367	4.370	-0.003	1.000	16935326	205.1		103		
37 Perfluorododecanoic acid										
613.00 > 569.00	4.507	4.509	-0.002	1.000	19864028	186.5		93.2	5672	
D 36 13C2 PFDoA										
615.00 > 570.00	4.507	4.509	-0.002		5569779	44.7		89.5	6026	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.537	4.540	-0.003		3912999	47.3		94.6		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.547	4.550	-0.003	1.000	16090825	205.5		103		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.754	4.762	-0.008	1.000	19892555	178.6		89.3	7939	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	4.987	4.988	-0.001	1.000	39382531	170.6		85.3	14980	
713.00 > 169.00	4.981	4.988	-0.007	0.999	6616037		5.95(0.00-0.00)	85.3	8281	
D 43 13C2-PFTeDA										
715.00 > 670.00	4.987	4.988	-0.001		10970549	42.7		85.3	12199	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.386	5.391	-0.005		6077148	44.4		88.8	5202	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.393	5.395	-0.002	1.000	20012102	191.1		95.6	5408	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.744	5.745	-0.001	1.000	18725750	189.9		95.0	12102	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L7_00003 Amount Added: 1.00 Units: mL

Report Date: 07-Jun-2017 08:20:27 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_009.d

Injection Date: 06-Jun-2017 14:18:07 Instrument ID: A8_N

Lims ID: IC L7 Full

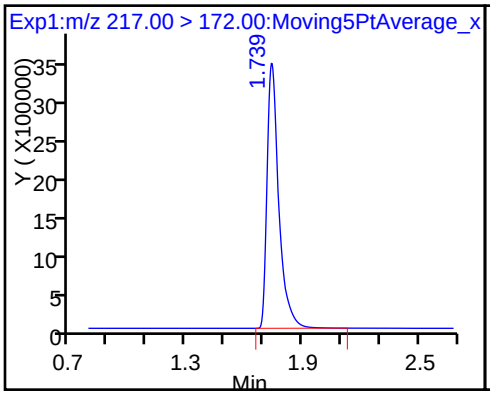
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 34 Worklist Smp#: 8

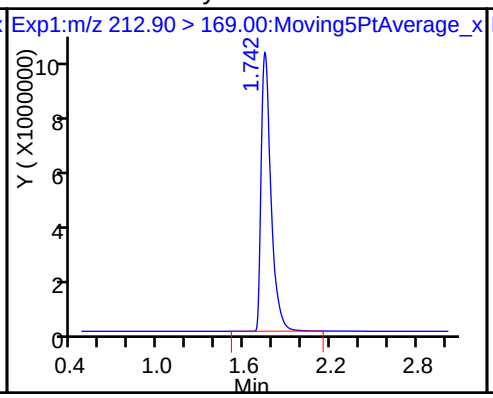
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

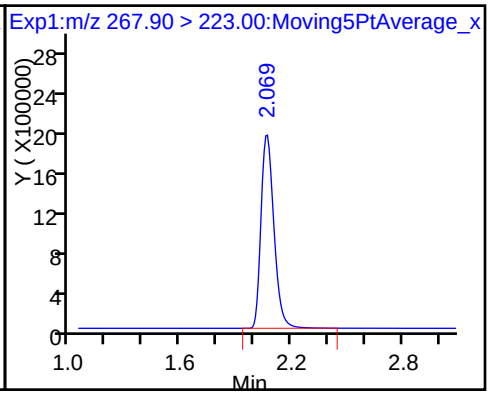
D 1 13C4 PFBA



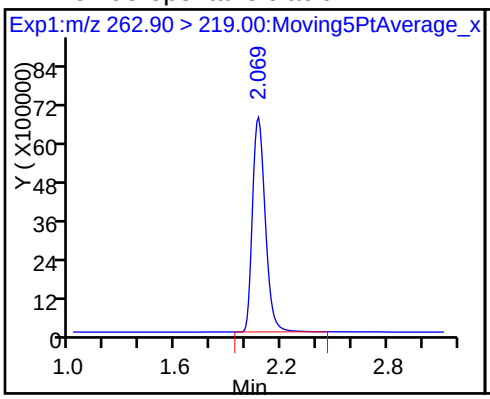
2 Perfluorobutyric acid



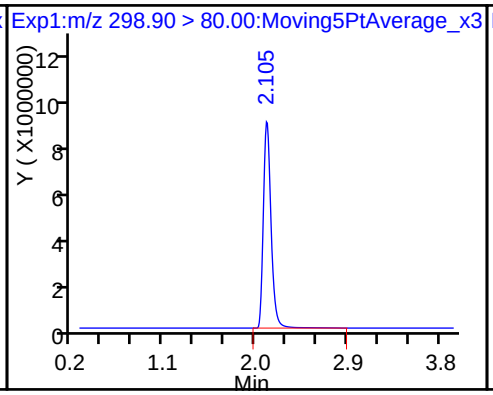
D 3 13C5-PFPeA



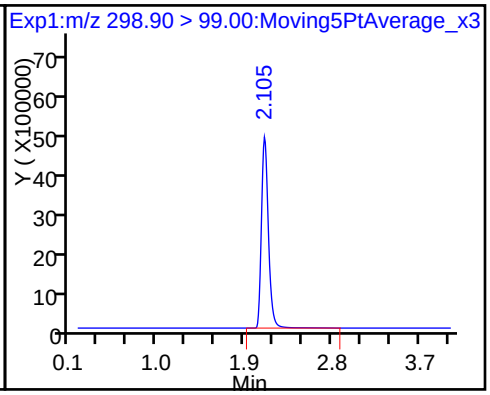
4 Perfluoropentanoic acid



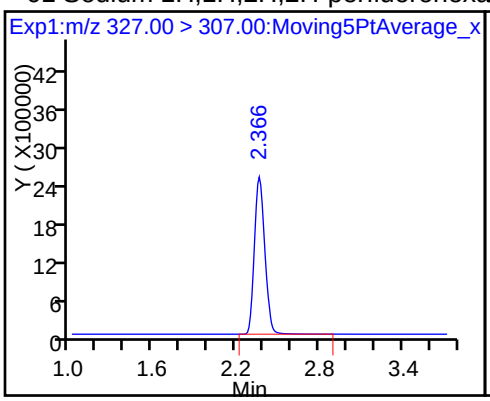
5 Perfluorobutanesulfonic acid



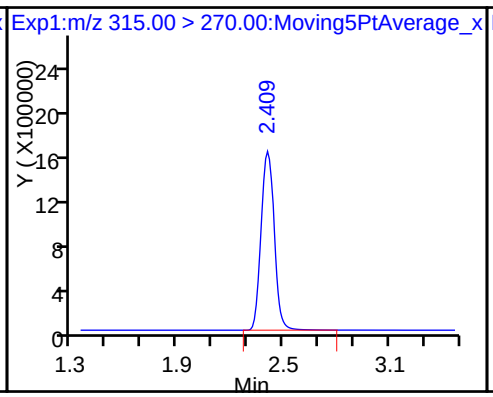
5 Perfluorobutanesulfonic acid



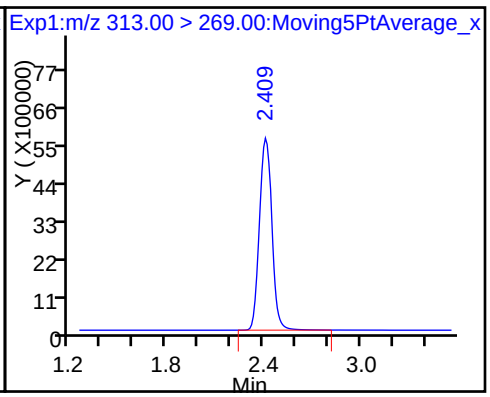
61 Sodium 1H,1H,2H,2H-perfluorohexa



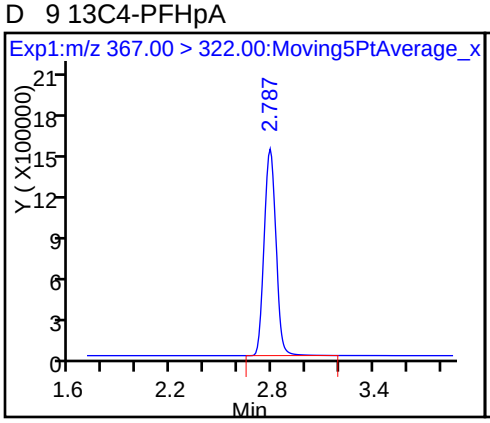
De 7 13C2 PFHxA



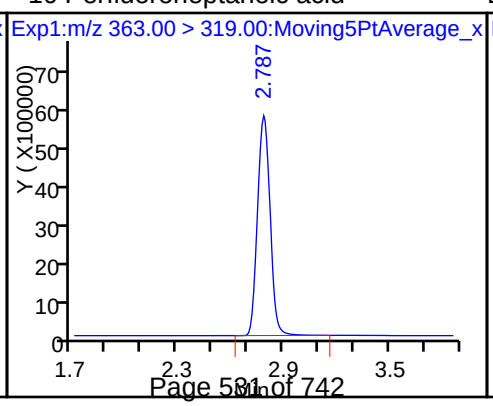
6 Perfluorohexanoic acid



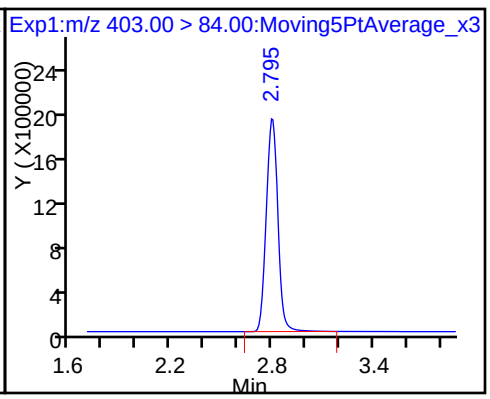
D 9 13C4-PFHpA



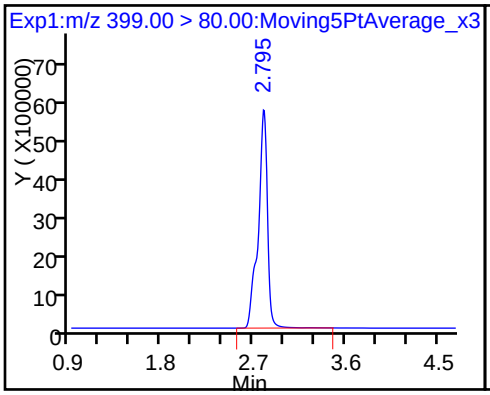
10 Perfluoroheptanoic acid



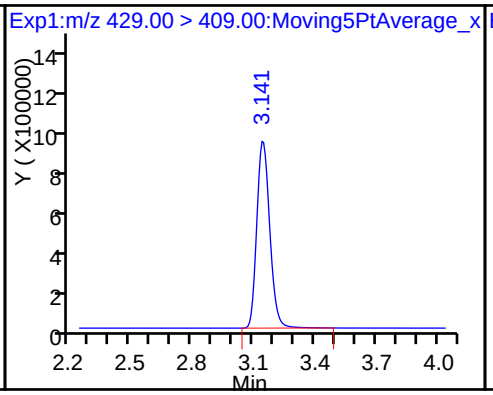
D 11 18O2 PFHxS



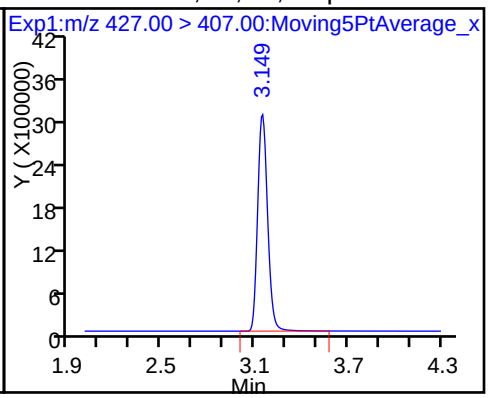
8 Perfluorohexanesulfonic acid



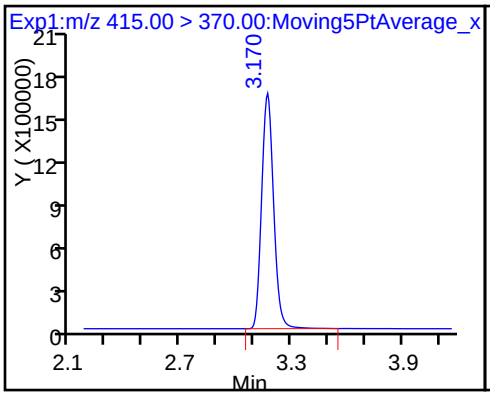
D 12 M2-6:2FTS



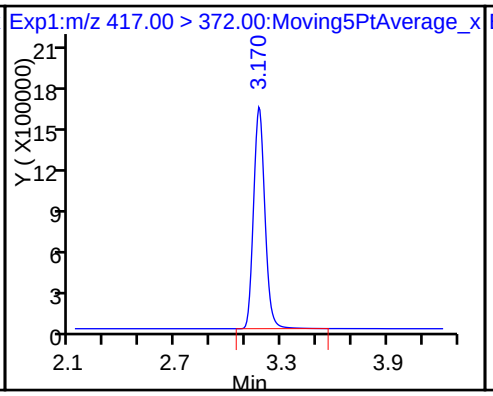
13 Sodium 1H,1H,2H,2H-perfluorooctane



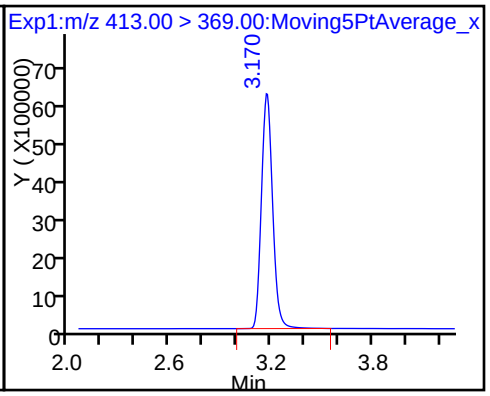
* 62 13C2-PFOA



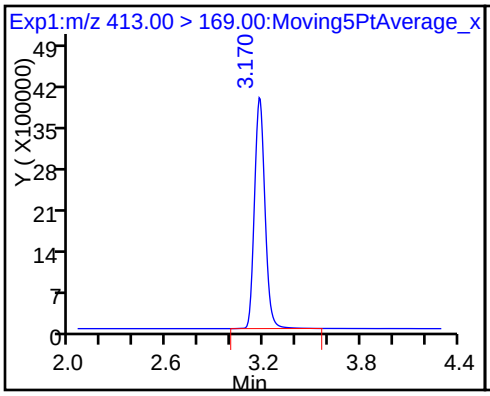
D 14 13C4 PFOA



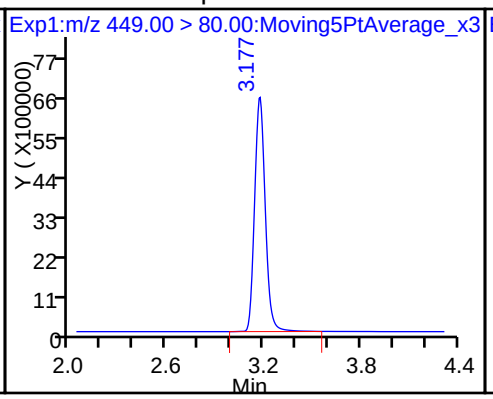
15 Perfluorooctanoic acid



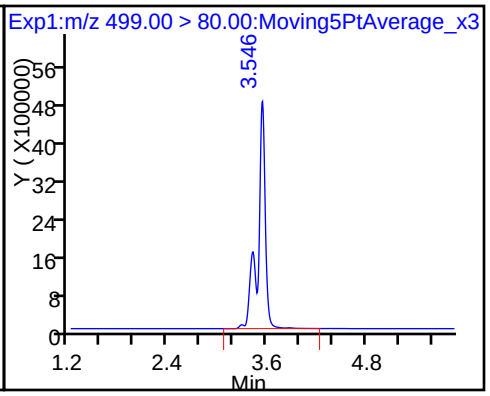
15 Perfluorooctanoic acid



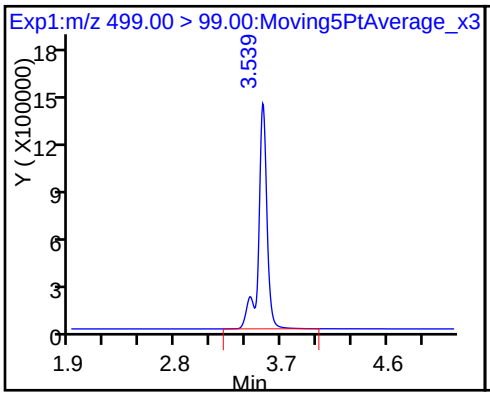
16 Perfluoroheptanesulfonic Acid



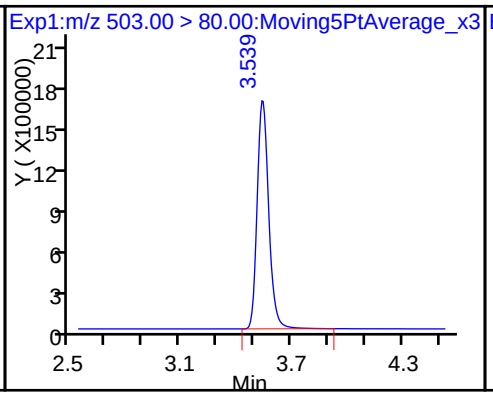
17 Perfluorooctane sulfonic acid



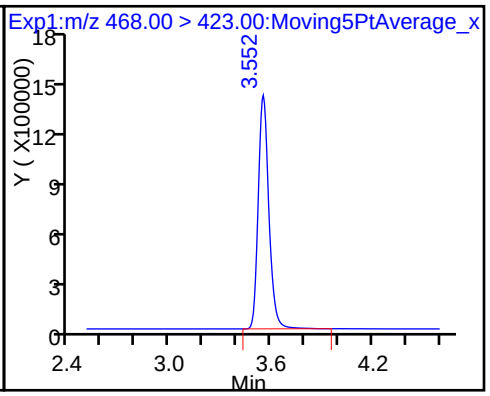
17 Perfluorooctane sulfonic acid



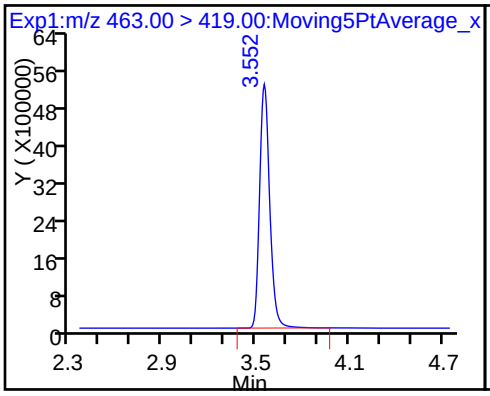
D 18 13C4 PFOS



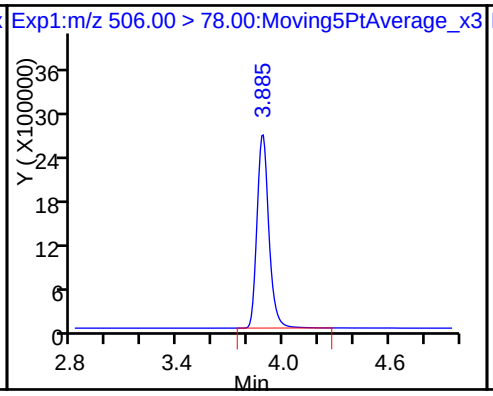
D 19 13C5 PFNA



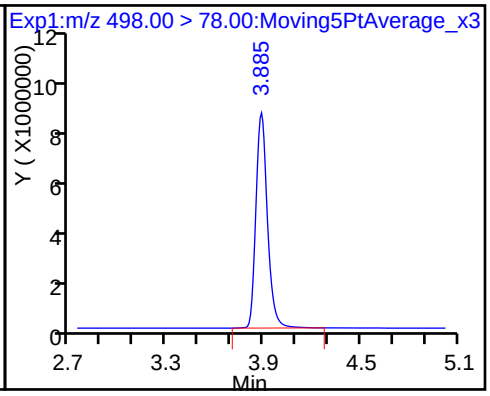
20 Perfluorononanoic acid



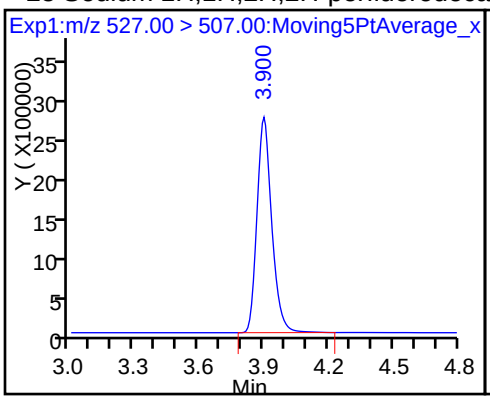
D 21 13C8 FOSA



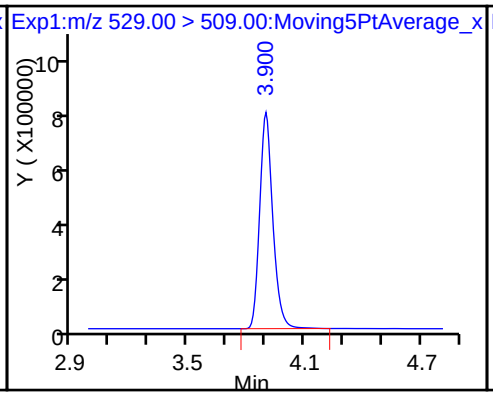
22 Perfluorooctane Sulfonamide



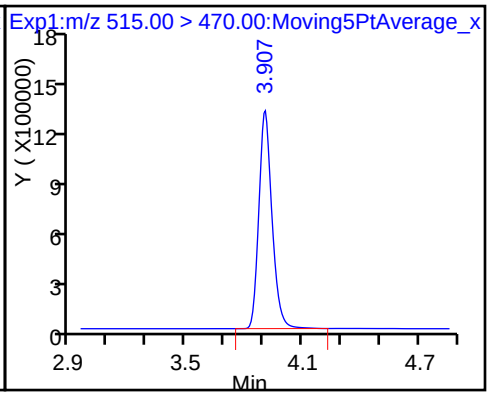
25 Sodium 1H,1H,2H,2H-perfluorodecane



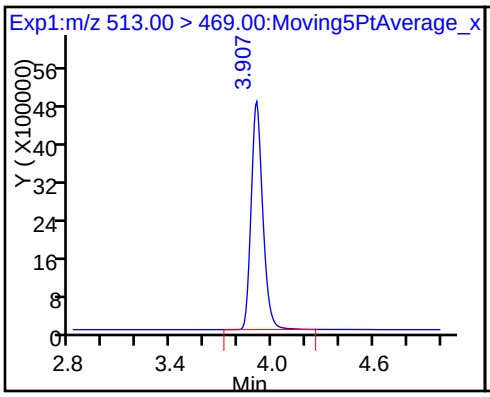
D 26 M2-8:2FTS



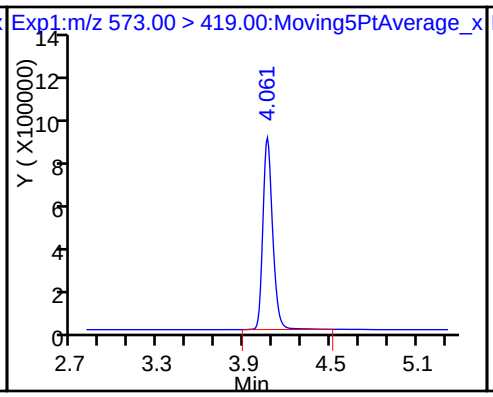
D 23 13C2 PFDA



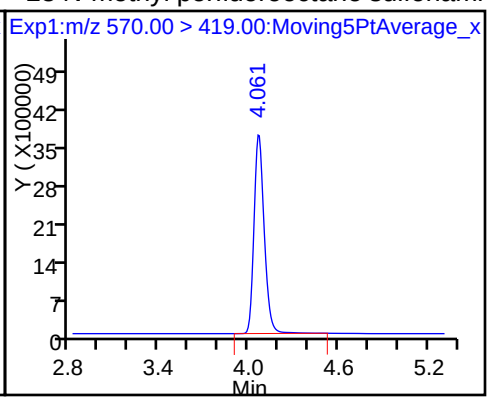
24 Perfluorodecanoic acid



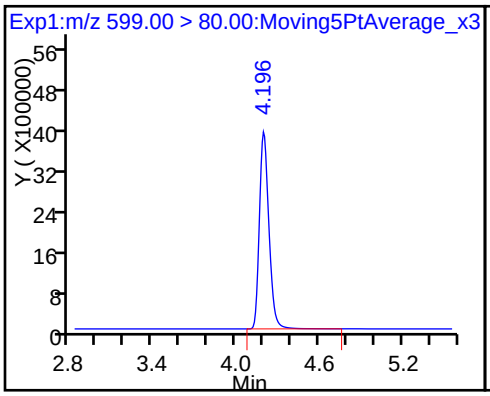
D 27 d3-NMeFOSAA



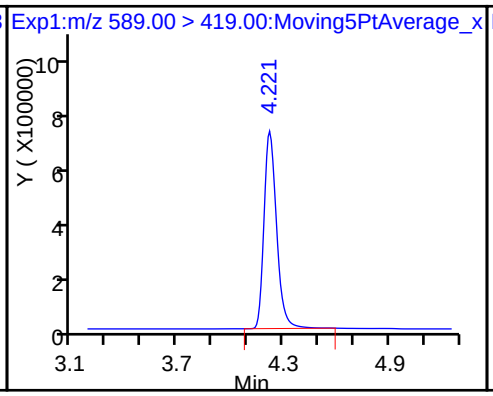
28 N-methyl perfluorooctane sulfonami



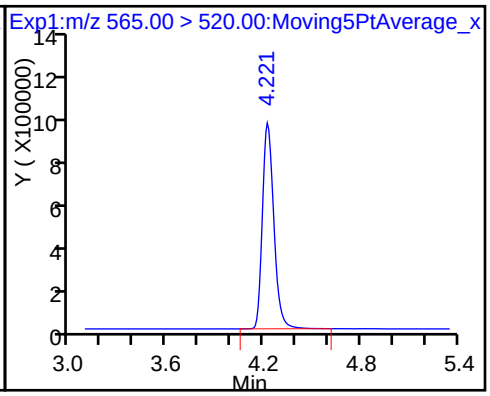
29 Perfluorodecane Sulfonic acid



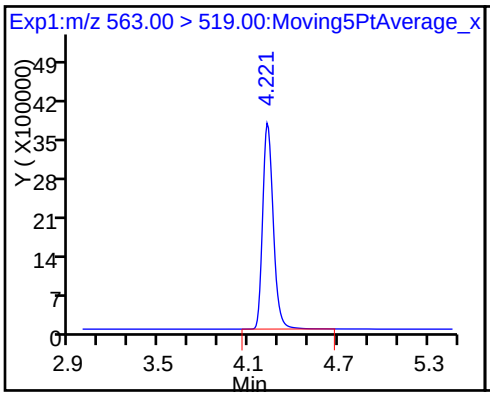
D 32 d5-NEtFOSAA



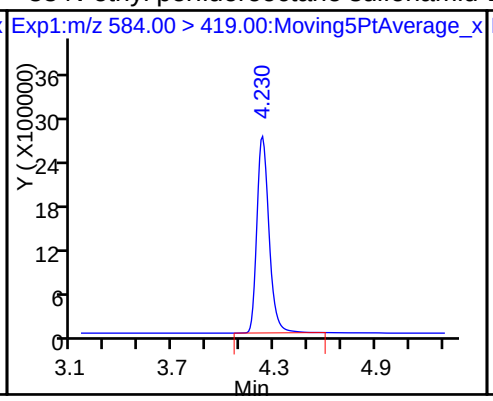
D 30 13C2 PFUnA



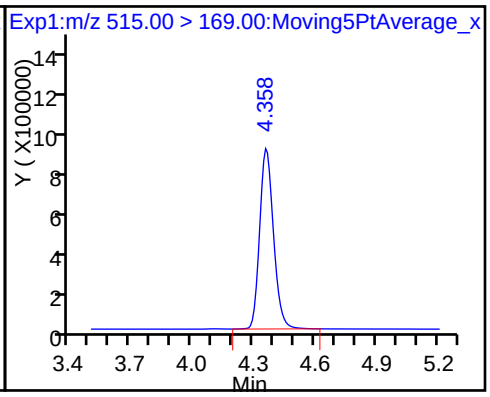
31 Perfluoroundecanoic acid



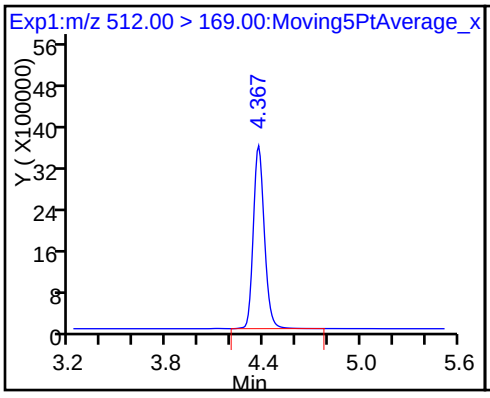
33 N-ethyl perfluorooctane sulfonamid



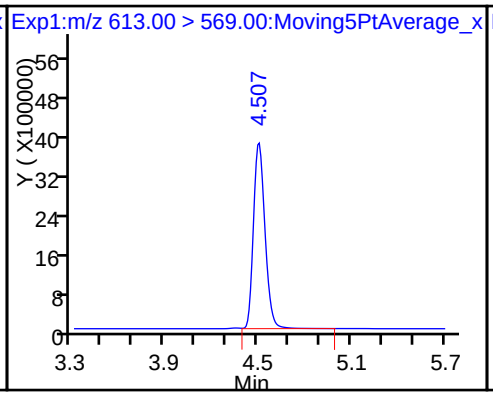
D 34 d-N-MeFOSA-M



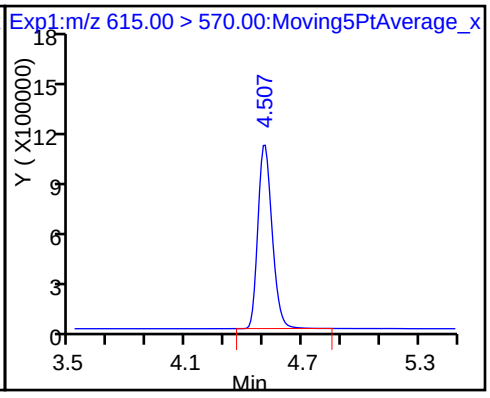
35 MeFOSA



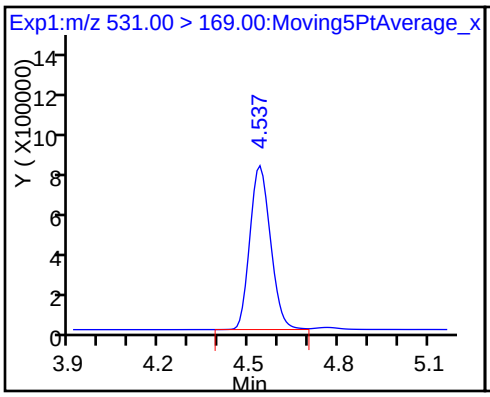
37 Perfluorododecanoic acid



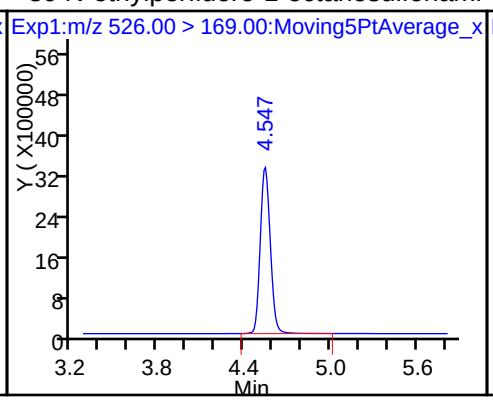
D 36 13C2 PFDoA



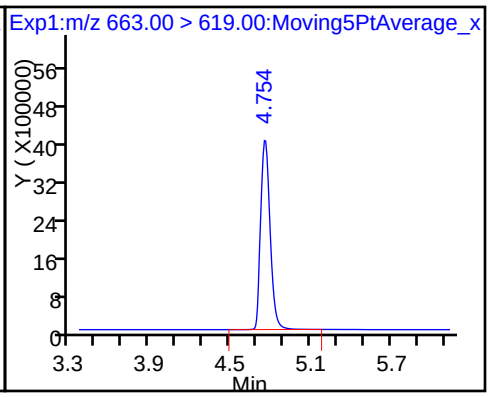
D 38 d-N-EtFOSA-M



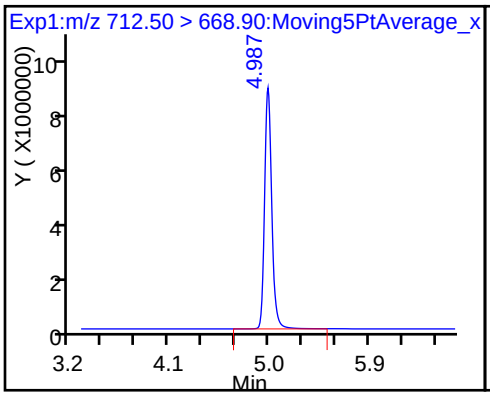
39 N-ethylperfluoro-1-octanesulfonami



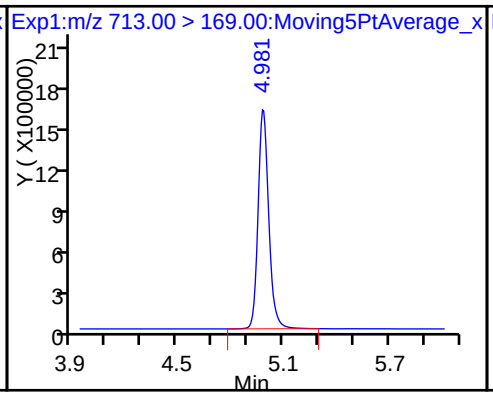
41 Perfluorotridecanoic acid



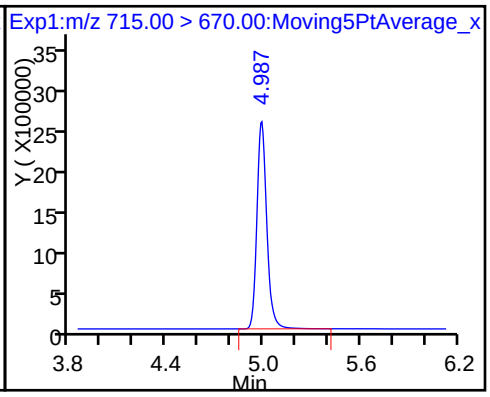
42 Perfluorotetradecanoic acid



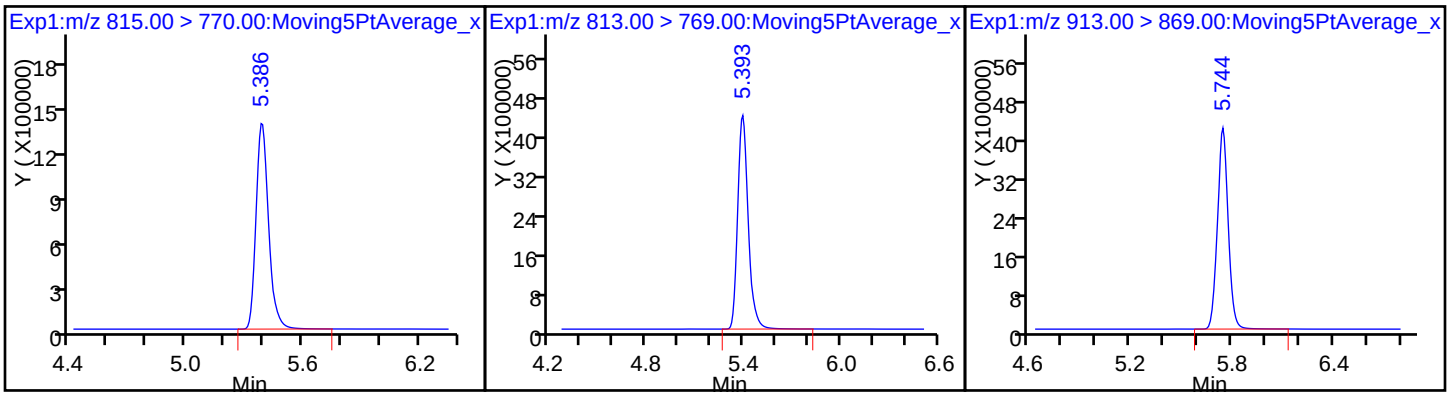
42 Perfluorotetradecanoic acid



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\20170606-43899.b\2017.06.06CURVE_010.d
Lims ID: IC M2-4:2FTS
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 06-Jun-2017 14:25:49 ALS Bottle#: 37 Worklist Smp#: 9
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: M2:4-2FTS Calibration Std
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170606-43899.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 07-Jun-2017 08:20:30 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK033

First Level Reviewer: chandrasenas Date: 06-Jun-2017 16:47:09

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 60 M2-4:2FTS										
329.00 > 309.00	2.372	2.372	0.0		3924126	NC				
* 62 13C2-PFOA										
415.00 > 370.00	3.177	3.174	0.003		9827231	50.0				

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

LCM2-4:2FTSIC_00002 Amount Added: 1.00 Units: mL

Report Date: 07-Jun-2017 08:20:30 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Injection Date: 06-Jun-2017 14:25:49 Instrument ID: A8_N

Lims ID: IC M2-4:2FTS

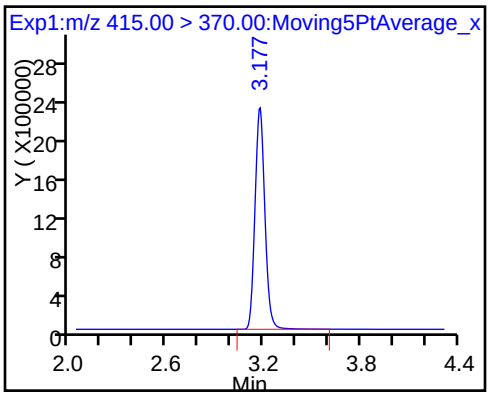
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 37 Worklist Smp#: 9

Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

* 62 13C2-PFOA



FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1 Analy Batch No.: 168697

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2017 14:55 Calibration End Date: 06/11/2017 15:49 Calibration ID: 31340

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-168697/3	2017.06.11AA_003.d
Level 2	IC 320-168697/4	2017.06.11AA_004.d
Level 3	IC 320-168697/5	2017.06.11AA_005.d
Level 4	IC 320-168697/6	2017.06.11AA_006.d
Level 5	IC 320-168697/7	2017.06.11AA_007.d
Level 6	IC 320-168697/8	2017.06.11AA_008.d
Level 7	IC 320-168697/9	2017.06.11AA_009.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
Perfluorobutanoic acid (PFBA)	1.868	1.873	1.873	1.873	1.873	1.873	1.873				1.622 - 2.122	1.872
Perfluoropentanoic acid (PFPeA)	2.215	2.220	2.211	2.210	2.210	2.220	2.220				1.965 - 2.465	2.215
Perfluorobutanesulfonic acid (PFBS)	2.245	2.261	2.252	2.251	2.251	2.261	2.261				2.075 - 2.435	2.255
4:2 FTS	2.528	2.540	2.532	2.532	2.532	2.534	2.538				2.284 - 2.784	2.534
Perfluorohexanoic acid (PFHxA)	2.570	2.582	2.574	2.573	2.573	2.584	2.580				2.326 - 2.826	2.577
Perfluoroheptanoic acid (PFHpA)	2.960	2.972	2.966	2.965	2.975	2.975	2.971				2.719 - 3.219	2.969
Perfluorohexanesulfonic acid (PFHxS)	2.974	2.979	2.973	2.972	2.982	2.982	2.986				2.728 - 3.228	2.978
6:2FTS	3.333	3.369	3.331	3.346	3.349	3.342	3.348				3.095 - 3.595	3.345
Perfluoroheptanesulfonic Acid (PFHpS)	3.356	3.369	3.354	3.361	3.364	3.365	3.371				3.113 - 3.613	3.363
Perfluorooctanoic acid (PFOA)	3.356	3.369	3.354	3.361	3.372	3.365	3.371				3.114 - 3.614	3.364
Perfluorooctanesulfonic acid (PFOS)	3.723	3.738	3.680	3.614	3.620	3.695	3.703				3.432 - 3.932	3.682
Perfluorononanoic acid (PFNA)	3.740	3.755	3.738	3.746	3.752	3.745	3.753				3.497 - 3.997	3.747
Perfluorooctane Sulfonamide (FOSA)	4.056	4.074	4.056	4.064	4.070	4.065	4.073				3.815 - 4.315	4.065
8:2FTS	4.081	4.100	4.081	4.089	4.095	4.090	4.099				3.841 - 4.341	4.091
Perfluorodecanoic acid (PFDA)	4.090	4.100	4.089	4.097	4.095	4.099	4.099				3.846 - 4.346	4.096
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	+++++	4.264	4.252	4.253	4.253	4.256	4.259				4.004 - 4.504	4.256
Perfluorodecanesulfonic acid (PFDS)	4.372	4.393	4.371	4.381	4.382	4.377	4.390				4.131 - 4.631	4.381
Perfluoroundecanoic acid (PFUnA)	4.399	4.412	4.399	4.408	4.410	4.405	4.418				4.157 - 4.657	4.407
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	+++++	4.421	4.408	4.418	4.419	4.414	4.418				4.165 - 4.665	4.416
MeFOSA	4.522	4.535	4.522	4.532	4.533	4.537	4.542				4.282 - 4.782	4.532
Perfluorododecanoic acid (PFDoA)	4.680	4.695	4.679	4.686	4.687	4.685	4.691				4.436 - 4.936	4.686
N-EtFOSA-M	4.693	4.709	4.699	4.700	4.708	4.706	4.704				4.453 - 4.953	4.703
Perfluorotridecanoic Acid (PFTriA)	4.930	4.947	4.929	4.938	4.939	4.938	4.938				4.687 - 5.187	4.937
Perfluorotetradecanoic acid (PFTeA)	5.151	5.167	5.156	5.156	5.159	5.159	5.161				4.908 - 5.408	5.158
Perfluoro-n-hexadecanoic acid (PFHxDA)	+++++	5.575	5.572	5.572	5.575	5.564	5.569				5.320 - 5.820	5.571
Perfluoro-n-octadecanoic acid (PFODA)	+++++	5.935	5.927	5.926	5.927	5.927	5.932				5.678 - 6.178	5.929
13C4 PFBA	1.868	1.873	1.873	1.865	1.866	1.873	1.873				1.620 - 2.120	1.870
13C5-PFPeA	2.205	2.220	2.211	2.210	2.210	2.210	2.210				1.961 - 2.461	2.211
13C2 PFHxA	2.570	2.582	2.574	2.573	2.573	2.575	2.580				2.325 - 2.825	2.575
13C4-PFHpA	2.960	2.972	2.966	2.965	2.968	2.968	2.971				2.717 - 3.217	2.967
18O2 PFHxS	2.974	2.979	2.973	2.972	2.982	2.982	2.986				2.728 - 3.228	2.978
M2-6:2FTS	3.333	3.369	3.331	3.346	3.349	3.342	3.340				3.094 - 3.594	3.344

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1 Analy Batch No.: 168697

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2017 14:55 Calibration End Date: 06/11/2017 15:49 Calibration ID: 31340

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
13C4 PFOA	3.356	3.369	3.354	3.361	3.364	3.365	3.371				3.113 - 3.613	3.363
13C4 PFOS	3.723	3.738	3.730	3.729	3.735	3.737	3.736				3.483 - 3.983	3.733
13C5 PFNA	3.740	3.755	3.738	3.746	3.752	3.745	3.753				3.497 - 3.997	3.747
13C8 FOSA	4.056	4.074	4.056	4.064	4.070	4.065	4.073				3.815 - 4.315	4.065
M2-8:2FTS	4.081	4.100	4.081	4.089	4.095	4.090	4.099				3.841 - 4.341	4.091
13C2 PFDA	4.090	4.100	4.089	4.089	4.095	4.090	4.099				3.843 - 4.343	4.093
d3-NMeFOSAA	4.244	4.255	4.243	4.253	4.253	4.247	4.259				4.000 - 4.500	4.251
13C2 PFUnA	4.399	4.412	4.399	4.408	4.410	4.405	4.409				4.156 - 4.656	4.406
d5-NEtFOSAA	4.399	4.421	4.399	4.408	4.410	4.405	4.418				4.159 - 4.659	4.409
d-N-MeFOSA-M	4.522	4.535	4.522	4.532	4.533	4.528	4.532				4.279 - 4.779	4.529
13C2 PFDoA	4.680	4.688	4.679	4.686	4.687	4.685	4.684				4.434 - 4.934	4.684
d-N-EtFOSA-M	4.686	4.702	4.692	4.700	4.701	4.699	4.704				4.448 - 4.948	4.698
13C2-PFTeDA	5.151	5.167	5.156	5.156	5.159	5.159	5.161				4.908 - 5.408	5.158
13C2-PFHxDA	5.564	5.575	5.572	5.572	5.575	5.564	5.569				5.320 - 5.820	5.570

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1 Analy Batch No.: 168697

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2017 14:55 Calibration End Date: 06/11/2017 15:49 Calibration ID: 31340

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-168697/3	2017.06.11AA_003.d
Level 2	IC 320-168697/4	2017.06.11AA_004.d
Level 3	IC 320-168697/5	2017.06.11AA_005.d
Level 4	IC 320-168697/6	2017.06.11AA_006.d
Level 5	IC 320-168697/7	2017.06.11AA_007.d
Level 6	IC 320-168697/8	2017.06.11AA_008.d
Level 7	IC 320-168697/9	2017.06.11AA_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	372787 357427	380758 352055	398225 337003	376841	Ave		367870.871				5.6		50.0			
13C5-PFPeA	272138 249729	268413 249870	286976 234179	272481	Ave		261969.411				6.9		50.0			
13C2 PFHxA	251741 232931	254929 231761	272124 215723	244857	Ave		243438.063				7.6		50.0			
13C4-PFHpA	234342 213886	235130 205994	244778 190650	228230	Ave		221858.454				8.6		50.0			
18O2 PFHxS	259011 230501	252495 233293	261856 208109	256636	Ave		243128.728				8.1		50.0			
M2-6:2FTS	83852 105001	125789 83629	89629 83872	106975	Ave		96963.8647				16.7		50.0			
13C4 PFOA	229279 222690	249754 201309	236289 180707	239170	Ave		222742.657				10.8		50.0			
13C4 PFOS	177866 159645	174099 161768	185448 146806	167668	Ave		167614.220				7.7		50.0			
13C5 PFNA	193258 176021	193260 169450	203237 156986	187336	Ave		182792.551				8.8		50.0			
13C8 FOSA	280343 253371	276289 254542	282537 232837	265317	Ave		263605.137				6.8		50.0			
M2-8:2FTS	70282 65308	66548 71164	71683 73520	68279	Ave		69540.4921				4.2		50.0			
13C2 PFDA	163913 146332	166984 147837	172442 134345	154573	Ave		155203.597				8.6		50.0			
d3-NMeFOSAA	88090 81887	87501 82732	87507 76436	82055	Ave		83744.3000				5.1		50.0			
13C2 PFUnA	121037 104511	121796 100697	124396 90778	117484	Ave		111528.451				11.5		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.: 320-28800-1 Analy Batch No.: 168697

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2017 14:55 Calibration End Date: 06/11/2017 15:49 Calibration ID: 31340

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	87771 78296	85704 72159	91804 62038	87617	Ave		80769.9486				13.1		50.0			
d-N-MeFOSA-M	80523 82729	82242 83932	86892 78794	84918	Ave		82861.3971				3.3		50.0			
13C2 PFDoA	122511 110594	121871 107231	120800 100513	119354	Ave		114696.409				7.5		50.0			
d-N-EtFOSA-M	84327 82106	81632 79618	83015 75157	84970	Ave		81546.3829				4.1		50.0			
13C2-PFTeDA	235089 210936	235091 207619	227027 193582	228643	Ave		219712.397				7.2		50.0			
13C2-PFHxDA	132149 131694	146614 131373	138614 117179	144850	Ave		134638.980				7.4		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.: 320-28800-1 Analy Batch No.: 168697

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2017 14:55 Calibration End Date: 06/11/2017 15:49 Calibration ID: 31340

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)	0.9080 0.9015	0.8834 0.7686	0.9600	0.9508	0.9649	AveID		0.9053				7.5		35.0			
Perfluoropentanoic acid (PFPeA)	1.0995 1.0320	1.0753 0.9106	1.0527	1.0245	1.0888	AveID		1.0405				6.1		35.0			
Perfluorobutanesulfonic acid (PFBS)	1.6893 1.7008	1.6899 1.4993	1.8299	1.8206	1.8934	AveID		1.7319				7.5		50.0			
4:2 FTS	1.0186 1.0004	0.6629 0.9422	1.0660	0.7826	0.7845	AveID		0.8939				16.9		35.0			
Perfluorohexanoic acid (PFHxA)	1.0313 0.9971	0.9916 0.9187	1.0158	1.0300	1.0561	AveID		1.0058				4.4		35.0			
Perfluoroheptanoic acid (PFHpA)	0.9964 1.0773	1.0231 0.9703	1.1203	1.1010	1.0996	AveID		1.0554				5.5		35.0			
Perfluorohexanesulfonic acid (PFHxS)	1.2833 1.0738	1.1319 1.0585	1.1027	1.0273	1.0867	AveID		1.1092				7.5		35.0			
6:2FTS	1.2571 0.9338	0.9805 0.8464	1.0094	1.0478	0.9900	L2ID	0.1264	0.9467							0.9920		0.9900
Perfluoroheptanesulfonic Acid (PFHpS)	1.1496 1.2182	1.2232 1.0856	1.2431	1.3277	1.2919	AveID		1.2199				6.7		50.0			
Perfluorooctanoic acid (PFOA)	1.1698 1.0576	1.0435 0.9813	1.1058	1.0727	1.0691	AveID		1.0714				5.4		35.0			
Perfluorooctanesulfonic acid (PFOS)	1.1044 1.0913	0.9942 1.1280	1.0715	1.0633	1.0764	AveID		1.0756				3.9		35.0			
Perfluorononanoic acid (PFNA)	0.9631 0.9986	0.9550 0.9512	1.0172	1.0047	1.0048	AveID		0.9849				2.8		35.0			
Perfluorooctane Sulfonamide (FOSA)	0.9696 0.9602	0.9543 0.8742	1.0039	1.0286	1.0268	AveID		0.9740				5.5		35.0			
8:2FTS	0.9514 0.9645	1.0371 0.8703	1.0243	1.0656	1.0340	AveID		0.9924				6.8		35.0			
Perfluorodecanoic acid (PFDA)	0.9471 0.9718	0.9255 0.9264	0.9907	0.9864	0.9841	AveID		0.9617				2.9		35.0			
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	+++++ 1.0273	1.0278 1.0643	1.0260	1.0809	1.0531	AveID		1.0466				2.2		35.0			
Perfluorodecanesulfonic acid (PFDS)	0.5497 0.6147	0.5812 0.5922	0.6167	0.6584	0.6509	AveID		0.6091				6.3		50.0			
Perfluoroundecanoic acid (PFUnA)	1.2969 1.0157	1.1010 1.0116	1.0659	1.0156	1.0105	L2ID	0.1332	1.0114							0.9990		0.9900
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	+++++ 0.9897	0.9642 1.0398	0.9150	0.9504	0.9441	AveID		0.9672				4.5		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.: 320-28800-1 Analy Batch No.: 168697

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2017 14:55 Calibration End Date: 06/11/2017 15:49 Calibration ID: 31340

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	0.9138 1.0057	0.9287 1.0545	0.9058	0.9951	1.0023	AveID		0.9723				5.8		35.0			
Perfluorododecanoic acid (PFDoA)	0.9195 0.9509	0.9021 0.9457	0.9419	0.9513	0.9461	AveID		0.9368				2.0		35.0			
N-EtFOSA-M	0.9046 1.0501	0.9285 1.0358	0.9960	1.0431	1.0134	AveID		0.9959				5.8		35.0			
Perfluorotridecanoic Acid (PFTriA)	0.8941 0.9211	0.9037 0.8791	0.9664	0.9495	0.9491	AveID		0.9233				3.5		50.0			
Perfluorotetradecanoic acid (PFTeA)	2.2650 2.0560	2.1437 1.8269	2.1107	2.1394	2.1045	L2ID	0.1146	2.0385							0.9970		0.9900
Perfluoro-n-hexadecanoic acid (PFHxDA)	+++++ 1.0476	1.8740 0.9807	1.1712	1.0766	1.0484	L2ID	0.8553	1.0166							0.9990		0.9900
Perfluoro-n-octadecanoic acid (PFODA)	+++++ 1.1041	1.0577 0.9526	1.0749	1.1173	1.1271	L2ID	-0.014	1.0753							0.9960		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.: 320-28800-1 Analy Batch No.: 168697

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2017 14:55 Calibration End Date: 06/11/2017 15:49 Calibration ID: 31340

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-168697/3	2017.06.11AA_003.d
Level 2	IC 320-168697/4	2017.06.11AA_004.d
Level 3	IC 320-168697/5	2017.06.11AA_005.d
Level 4	IC 320-168697/6	2017.06.11AA_006.d
Level 5	IC 320-168697/7	2017.06.11AA_007.d
Level 6	IC 320-168697/8	2017.06.11AA_008.d
Level 7	IC 320-168697/9	2017.06.11AA_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	18639354 17602733	19037911 16850161	19911245	18842044	17871357	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C5-PFPeA	Ave	13606879 12493512	13420662 11708948	14348810	13624049	12486434	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C2 PFHxA	Ave	12587058 11588053	12746450 10786130	13606212	12242848	11646571	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C4-PFHpA	Ave	11717080 10299714	11756484 9532492	12238897	11411491	10694301	50.0 50.0	50.0 50.0	50.0	50.0	50.0
18O2 PFHxS	Ave	12251209 11034776	11943020 9843568	12385780	12138883	10902686	47.3 47.3	47.3 47.3	47.3	47.3	47.3
M2-6:2FTS	Ave	3982990 3972360	5974957 3983937	4257385	5081324	4987532	47.5 47.5	47.5 47.5	47.5	47.5	47.5
13C4 PFOA	Ave	11463957 10065452	12487687 9035360	11814466	11958495	11134513	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C4 PFOS	Ave	8501988 7732510	8321910 7017338	8864403	8014518	7631051	47.8 47.8	47.8 47.8	47.8	47.8	47.8
13C5 PFNA	Ave	9662889 8472512	9662993 7849316	10161851	9366802	8801030	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C8 FOSA	Ave	14017161 12727101	13814442 11641834	14126864	13265834	12668562	50.0 50.0	50.0 50.0	50.0	50.0	50.0
M2-8:2FTS	Ave	3366493 3408734	3187639 3521607	3433632	3270587	3128235	47.9 47.9	47.9 47.9	47.9	47.9	47.9
13C2 PFDA	Ave	8195660 7391848	8349187 6717231	8622092	7728629	7316612	50.0 50.0	50.0 50.0	50.0	50.0	50.0
d3-NMeFOSAA	Ave	4404524 4136623	4375034 3821824	4375374	4102758	4094368	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C2 PFUnA	Ave	6051874 5034842	6089790 4538890	6219779	5874211	5225572	50.0 50.0	50.0 50.0	50.0	50.0	50.0
d5-NEtFOSAA	Ave	4388563 3607950	4285199 3101899	4590218	4380858	3914795	50.0 50.0	50.0 50.0	50.0	50.0	50.0

FORM VI
LCMS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1 Analy Batch No.: 168697

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2017 14:55 Calibration End Date: 06/11/2017 15:49 Calibration ID: 31340

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	4026157 4196580	4112096 3939717	4344619	4245888	4136432	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C2 PFDoA	Ave	6125558 5361530	6093558 5025645	6040024	5967712	5529716	50.0 50.0	50.0 50.0	50.0	50.0	50.0
d-N-EtFOSA-M	Ave	4216361 3980916	4081581 3757835	4150773	4248479	4105289	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C2-PFTeDA	Ave	11754461 10380954	11754538 9679114	11351353	11432143	10546776	50.0 50.0	50.0 50.0	50.0	50.0	50.0
13C2-PFHxDA	Ave	6607446 6568626	7330711 5858960	6930704	7242514	6584682	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:
Ave = Average

FORM VI
LCMS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1 Analy Batch No.: 168697

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2017 14:55 Calibration End Date: 06/11/2017 15:49 Calibration ID: 31340

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 320-168697/3	2017.06.11AA_003.d
Level 2	IC 320-168697/4	2017.06.11AA_004.d
Level 3	IC 320-168697/5	2017.06.11AA_005.d
Level 4	IC 320-168697/6	2017.06.11AA_006.d
Level 5	IC 320-168697/7	2017.06.11AA_007.d
Level 6	IC 320-168697/8	2017.06.11AA_008.d
Level 7	IC 320-168697/9	2017.06.11AA_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	169248 31736682	336355 51806003	1911452	7166088	17244161	0.500 100	1.00 200	5.00	20.0	50.0
Perfluoropentanoic acid (PFPeA)		AveID	149610 25786464	288616 42647530	1510538	5582992	13594631	0.500 100	1.00 200	5.00	20.0	50.0
Perfluorobutanesulfonic acid (PFBS)		AveID	193391 35075147	377199 55163446	2117945	8260539	19290368	0.442 88.4	0.884 177	4.42	17.7	44.2
4:2 FTS		AveID	39886 7813827	77882 14761005	446190	1563896	3847021	0.467 93.4	0.934 187	4.67	18.7	46.7
Perfluorohexanoic acid (PFHxA)		AveID	129808 23109951	252786 39636095	1382113	5043938	12299562	0.500 100	1.00 200	5.00	20.0	50.0
Perfluoroheptanoic acid (PFHpA)		AveID	116744 22192756	240564 36998856	1371073	5025813	11758940	0.500 100	1.00 200	5.00	20.0	50.0
Perfluorohexanesulfonic acid (PFHxS)		AveID	151231 22795851	260079 40093207	1313796	4798455	11397178	0.455 91.0	0.910 182	4.55	18.2	45.5
6:2FTS		L2ID	49963 7403432	116922 13459846	428854	2125284	4927100	0.474 94.8	0.948 190	4.74	19.0	47.4
Perfluoroheptanesulfonic Acid (PFHpS)		AveID	97326 18760920	202728 30345222	1097326	4238688	9817120	0.476 95.2	0.952 190	4.76	19.0	47.6
Perfluorooctanoic acid (PFOA)		AveID	134106 21289438	260609 35464563	1306422	5131244	11904214	0.500 100	1.00 200	5.00	20.0	50.0
Perfluorooctanesulfonic acid (PFOS)		AveID	91143 16382941	160624 30735075	922008	3308789	7973130	0.464 92.8	0.928 186	4.64	18.6	46.4
Perfluorononanoic acid (PFNA)		AveID	93063 16921718	184562 29863739	1033666	3764246	8843456	0.500 100	1.00 200	5.00	20.0	50.0
Perfluorooctane Sulfonamide (FOSA)		AveID	135904 24442094	263671 40711462	1418174	5458348	13008143	0.500 100	1.00 200	5.00	20.0	50.0
8:2FTS		AveID	32029 6575437	66116 12259661	351694	1394044	3234510	0.479 95.8	0.958 192	4.79	19.2	47.9
Perfluorodecanoic acid (PFDA)		AveID	77617 14367152	154551 24891028	854183	3049441	7200373	0.500 100	1.00 200	5.00	20.0	50.0

FORM VI
LCMS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1 Analy Batch No.: 168697

SDG No.:

Instrument ID: A8_N GC Column: GeminiC18 3 ID: 3(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2017 14:55 Calibration End Date: 06/11/2017 15:49 Calibration ID: 31340

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	+++++ 8498801	89930 16270348	448910	1773909	4311885	+++++ 100	1.00 200	5.00	20.0	50.0
Perfluorodecanesulfonic acid (PFDS)		AveID	47124 9585403	97543 16760683	551223	2128248	5008871	0.482 96.4	0.964 193	4.82	19.3	48.2
Perfluoroundecanoic acid (PFUnA)		L2ID	78484 10227953	134092 18365268	662957	2386379	5280545	0.500 100	1.00 200	5.00	20.0	50.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)		AveID	+++++ 7141608	82638 12900811	419999	1665492	3695944	+++++ 100	1.00 200	5.00	20.0	50.0
MeFOSA		AveID	36793 8441021	76376 16617820	393523	1690104	4145809	0.500 100	1.00 200	5.00	20.0	50.0
Perfluorododecanoic acid (PFDoA)		AveID	56327 10196222	109936 19010488	568901	2270803	5231541	0.500 100	1.00 200	5.00	20.0	50.0
N-EtFOSA-M		AveID	38142 8360836	75791 15568722	413420	1772621	4160468	0.500 100	1.00 200	5.00	20.0	50.0
Perfluorotridecanoic Acid (PFTriA)		AveID	54767 9877542	110129 17672919	583679	2266614	5248007	0.500 100	1.00 200	5.00	20.0	50.0
Perfluorotetradecanoic acid (PFTeA)		L2ID	138741 22047063	261253 36724988	1274894	5106956	11637018	0.500 100	1.00 200	5.00	20.0	50.0
Perfluoro-n-hexadecanoic acid (PFHxDA)		L2ID	+++++ 11233401	228390 19715404	707405	2570021	5797255	+++++ 100	1.00 200	5.00	20.0	50.0
Perfluoro-n-octadecanoic acid (PFODA)		L2ID	+++++ 11838916	128901 19149234	649263	2667125	6232449	+++++ 100	1.00 200	5.00	20.0	50.0

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\20170611-44123.b\2017.06.11AA_003.d
Lims ID: IC L1 Full
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 11-Jun-2017 14:55:57 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\20170611-44123.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 12-Jun-2017 10:05:56 Calib Date: 11-Jun-2017 15:42:06
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_009.d

Column 1 : Det: EXP1
Process Host: XAWRK020

First Level Reviewer: chandrasenas Date: 12-Jun-2017 09:46:28

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	1.868	1.870	-0.002		18639354	50.7		101	221291	
2 Perfluorobutyric acid										
212.90 > 169.00	1.868	1.872	-0.004	1.000	169248	0.5015		100	46.4	
D 3 13C5-PFPeA										
267.90 > 223.00	2.205	2.211	-0.006		13606879	51.9		104	301188	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.215	2.215	0.0	1.000	149610	0.5284		106	66.3	
D 47 13C3-PFBS										
301.90 > 83.00	2.245	2.250	-0.005		298117	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.245	2.255	-0.010	1.000	193391	0.4311		97.5		
298.90 > 99.00	2.245	2.255	-0.010	1.000	78865		2.45(0.00-0.00)	97.5		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.528	2.534	-0.006	1.000	39886	0.5321		114		
D 7 13C2 PFHxA										
315.00 > 270.00	2.570	2.575	-0.005		12587058	51.7		103	59951	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.570	2.576	-0.006	1.000	129808	0.5127		103	279	
D 9 13C4-PFHpA										
367.00 > 322.00	2.960	2.967	-0.007		11717080	52.8		106	47367	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.960	2.969	-0.009	1.000	116744	0.4720		94.4	67.9	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.974	2.978	-0.004	1.000	151231	0.5264		116		
D 11 18O2 PFHxS										
403.00 > 84.00	2.974	2.978	-0.004		12251209	50.4		107	27150	

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	3.333	3.344	-0.011		3982990	41.1		86.5		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.333	3.345	-0.012	1.000	49963	0.4959		105		
* 62 13C2-PFOA										
415.00 > 370.00	3.356	3.361	-0.005		12270505	50.0				
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.356	3.363	-0.007	1.000	97326	0.4486		94.2		
D 14 13C4 PFOA										
417.00 > 372.00	3.356	3.363	-0.007		11463957	51.5		103	50111	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.356	3.364	-0.008	1.000	134106	0.5459		109	47.6	
413.00 > 169.00	3.356	3.364	-0.008	1.000	74793		1.79(0.90-1.10)	109	205	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.723	3.682	0.041	1.000	91143	0.4764		103	331	
499.00 > 99.00	3.723	3.682	0.041	1.000	19881		4.58(0.90-1.10)	103	297	
D 18 13C4 PFOS										
503.00 > 80.00	3.723	3.733	-0.010		8501988	50.7		106	23576	
20 Perfluorononanoic acid										M
463.00 > 419.00	3.740	3.747	-0.007	1.000	93063	0.4889		97.8	193	M
D 19 13C5 PFNA										
468.00 > 423.00	3.740	3.747	-0.007		9662889	52.9		106	28935	
D 21 13C8 FOSA										
506.00 > 78.00	4.056	4.065	-0.009		14017161	53.2		106	16912	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.056	4.065	-0.009	1.000	135904	0.4977		99.5	871	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.081	4.091	-0.010	1.000	32029	0.4592		95.9		
D 26 M2-8:2FTS										
529.00 > 509.00	4.081	4.091	-0.010		3366493	48.4		101		
D 23 13C2 PFDA										
515.00 > 470.00	4.090	4.093	-0.003		8195660	52.8		106	25365	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.090	4.096	-0.006	1.000	77617	0.4924		98.5	401	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.244	4.250	-0.006		4404524	52.6		105		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.244	4.254	-0.010	1.000	47913	0.5197		104		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.372	4.381	-0.009	1.000	47124	0.4350		90.2		
D 30 13C2 PFUnA										
565.00 > 520.00	4.399	4.406	-0.007		6051874	54.3		109	9598	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.399	4.407	-0.008	1.000	78484	0.5094		102	361	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.399	4.409	-0.010		4388563	54.3		109		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.409	4.415	-0.006	1.002	48783	0.5746		115		

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	4.522	4.529	-0.007		4026157	48.6		97.2		
35 MeFOSA										
512.00 > 169.00	4.522	4.532	-0.010	1.000	36793	0.4700		94.0		
D 36 13C2 PFDoA										
615.00 > 570.00	4.680	4.684	-0.004		6125558	53.4		107	9915	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.680	4.686	-0.006	1.000	56327	0.4908		98.2	68.1	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.686	4.698	-0.012		4216361	51.7		103		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.693	4.703	-0.010	1.000	38142	0.4542		90.8		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.930	4.937	-0.007	1.000	54767	0.4842		96.8	155	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.151	5.158	-0.007	1.000	138741	0.4993		99.9	113	
713.00 > 169.00	5.151	5.158	-0.007	1.000	21789		6.37(0.00-0.00)	99.9	442	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.151	5.158	-0.007		11754461	53.5		107	8875	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.564	5.570	-0.006		6607446	49.1		98.2	3655	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.564	5.570	-0.006	1.000	151618	0.3760		75.2	22.7	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.926	5.928	-0.002	1.000	44991	0.3548		71.0	7.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

LCPFC_FULL-L1_00004 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2017 10:05:56 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_003.d

Injection Date: 11-Jun-2017 14:55:57 Instrument ID: A8_N

Lims ID: IC L1 Full

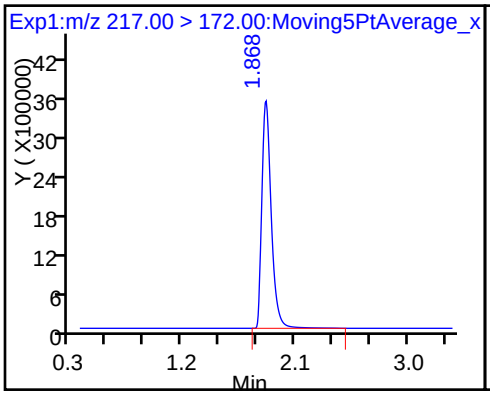
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 28 Worklist Smp#: 3

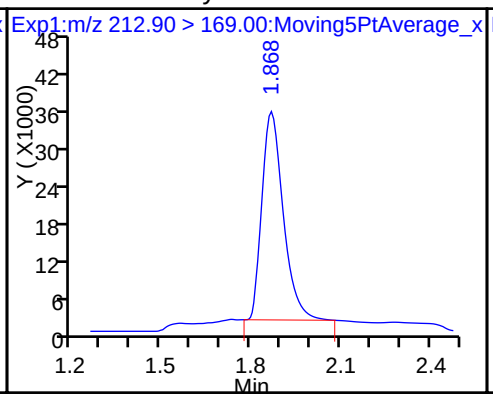
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

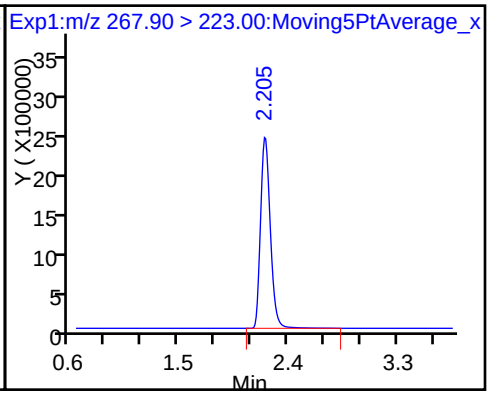
D 1 13C4 PFBA



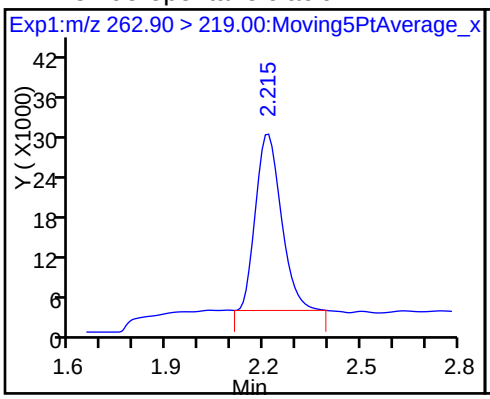
2 Perfluorobutyric acid



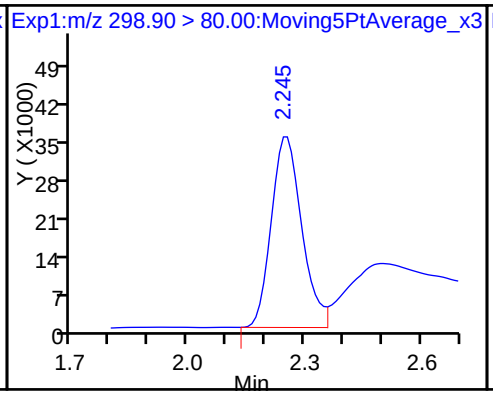
D 3 13C5-PFPeA



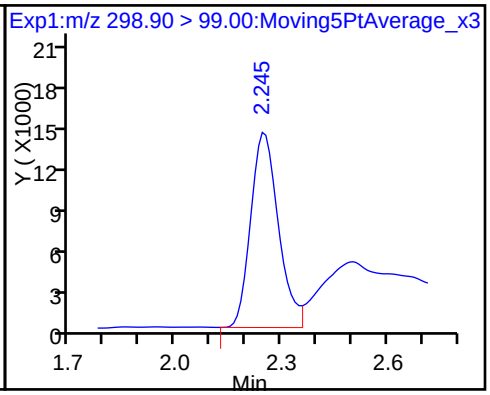
4 Perfluoropentanoic acid



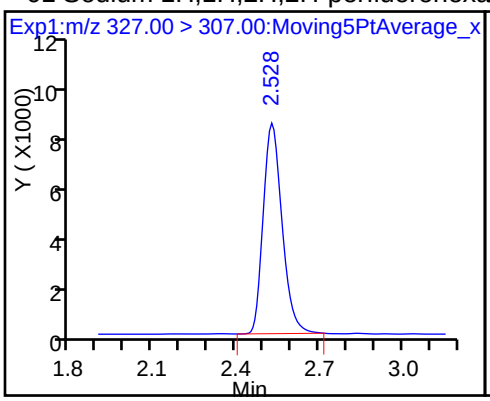
5 Perfluorobutanesulfonic acid



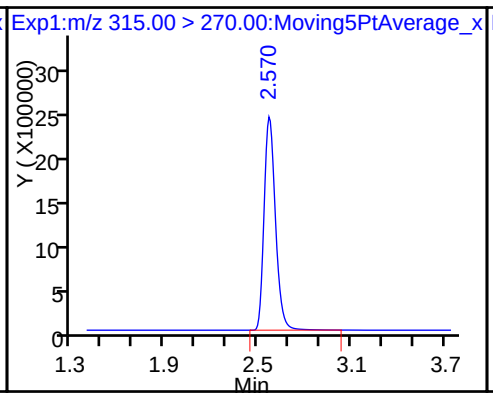
5 Perfluorobutanesulfonic acid



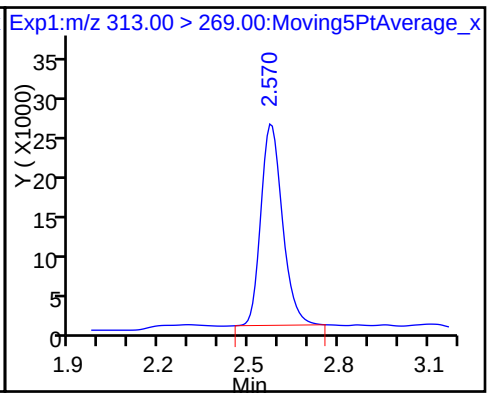
61 Sodium 1H,1H,2H,2H-perfluorohexa



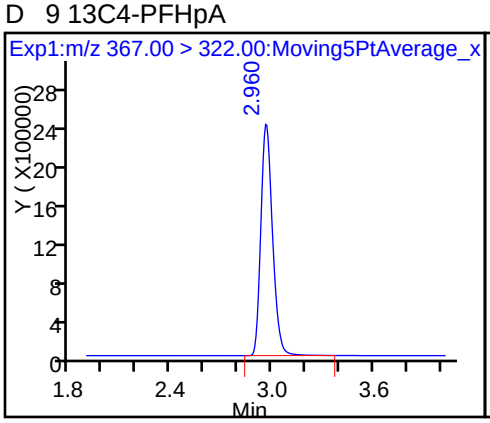
De 7 13C2 PFHxA



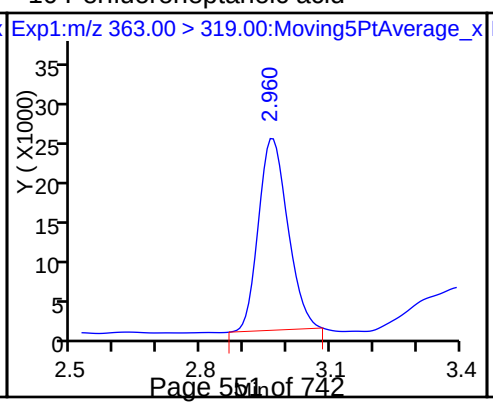
6 Perfluorohexanoic acid



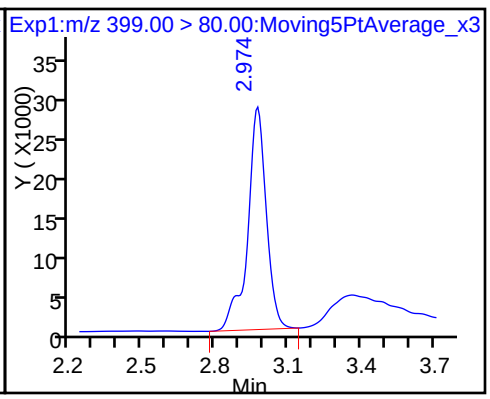
D 9 13C4-PFHpA



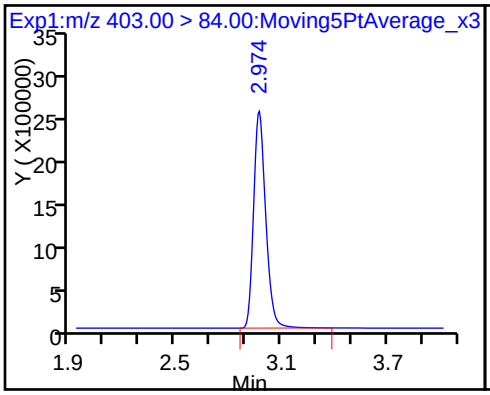
10 Perfluoroheptanoic acid



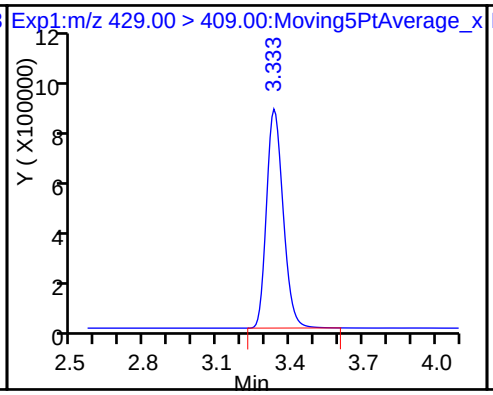
8 Perfluorohexanesulfonic acid



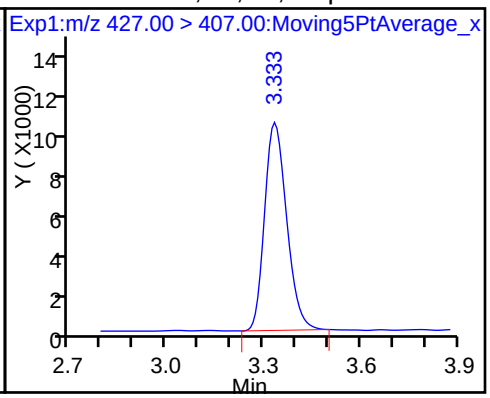
D 11 18O2 PFHxS



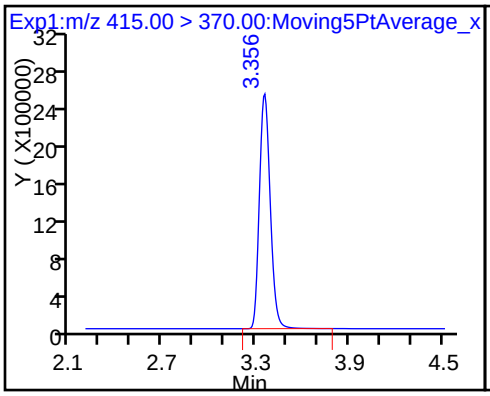
D 12 M2-6:2FTS



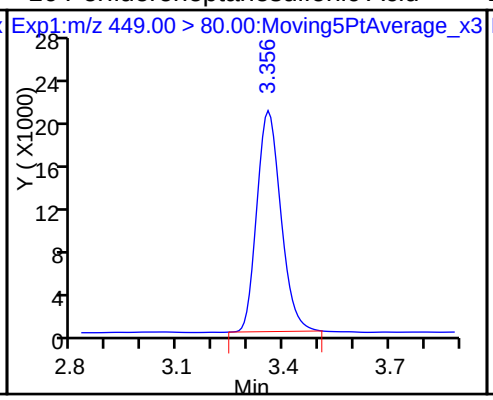
13 Sodium 1H,1H,2H,2H-perfluorooctane



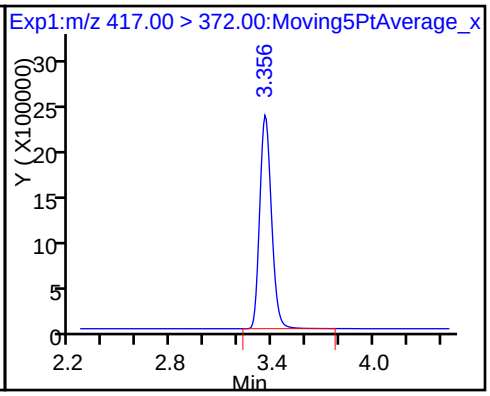
* 62 13C2-PFOA



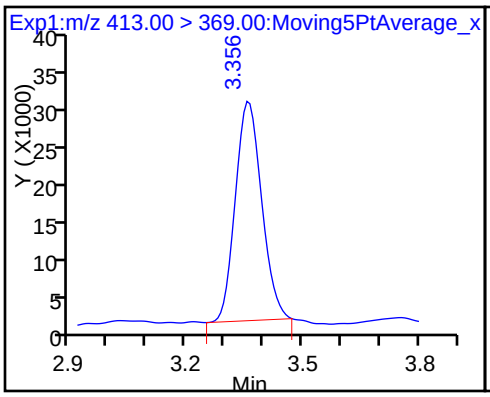
16 Perfluoroheptanesulfonic Acid



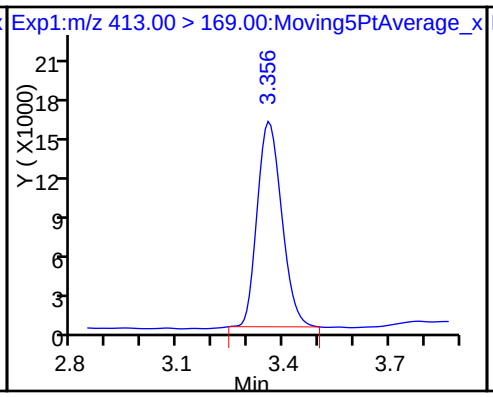
D 14 13C4 PFOA



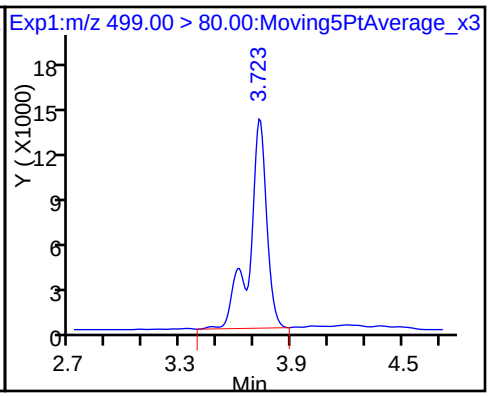
15 Perfluorooctanoic acid



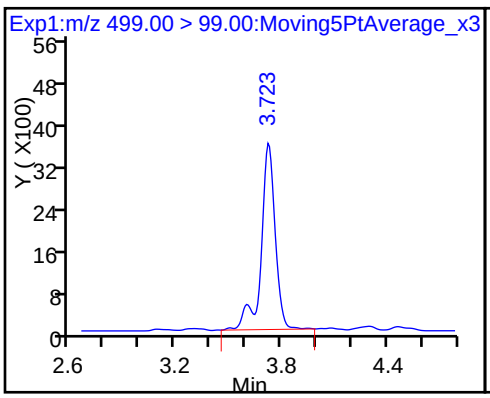
15 Perfluorooctanoic acid



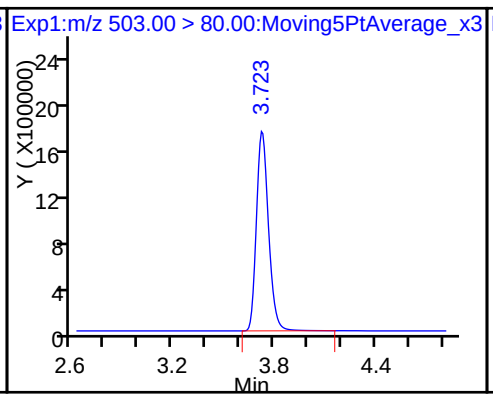
17 Perfluorooctane sulfonic acid



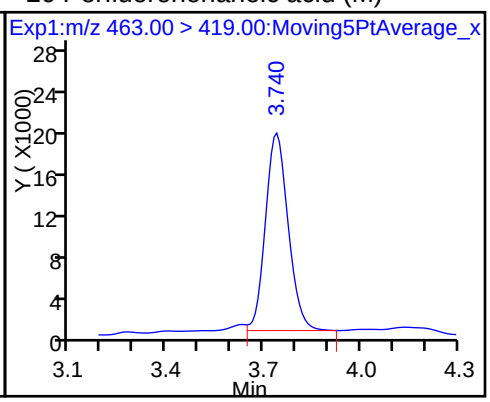
17 Perfluorooctane sulfonic acid



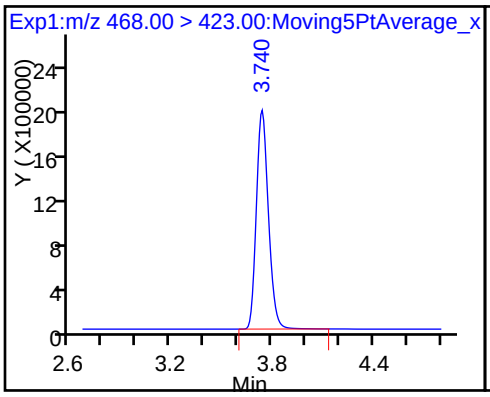
D 18 13C4 PFOS



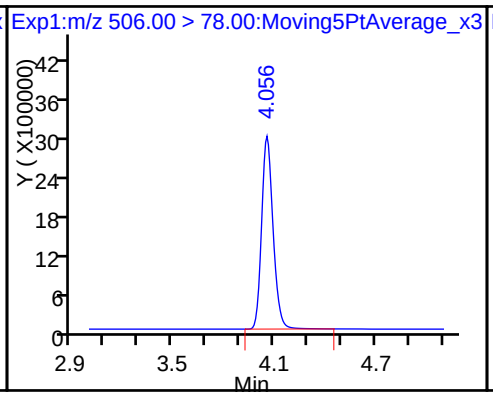
20 Perfluorononanoic acid (M)



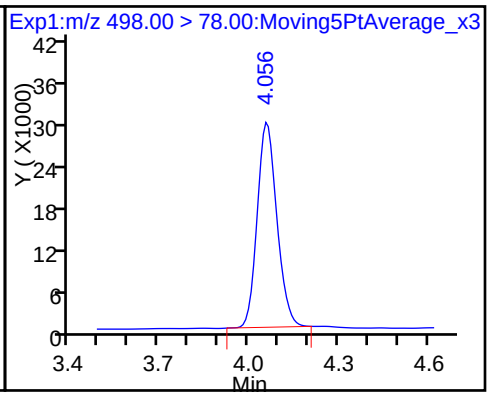
D 19 13C5 PFNA



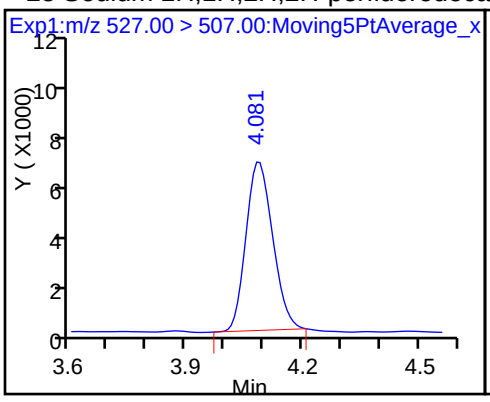
D 21 13C8 FOSA



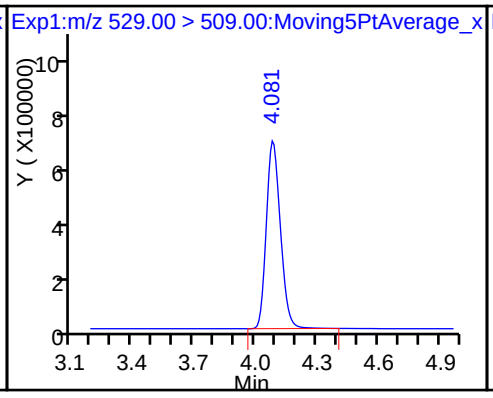
22 Perfluorooctane Sulfonamide



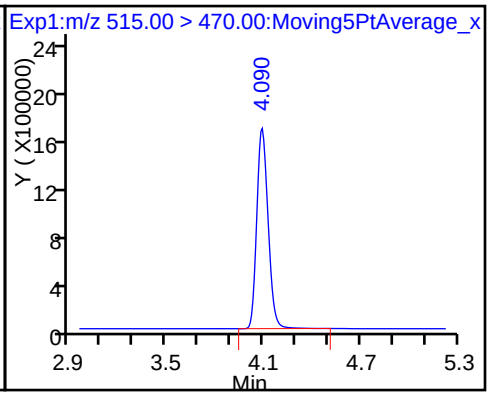
25 Sodium 1H,1H,2H,2H-perfluorodecane



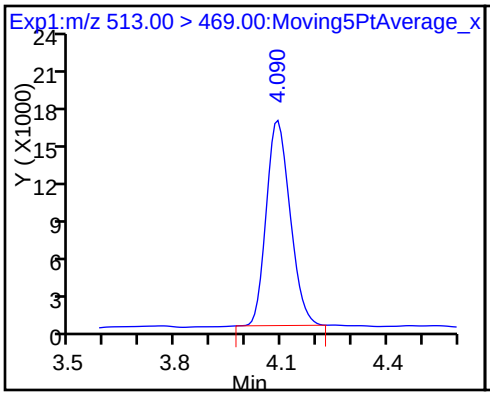
D 26 M2-8:2FTS



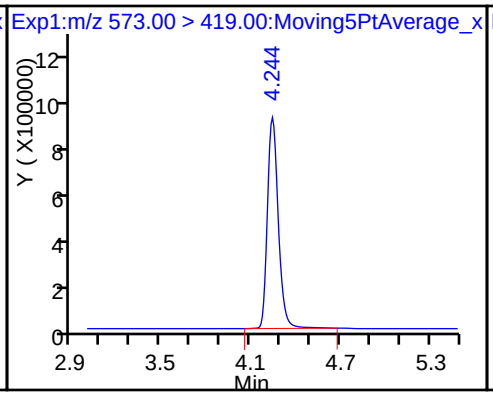
D 23 13C2 PFDA



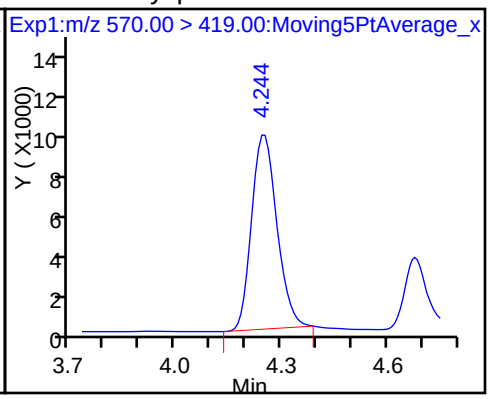
24 Perfluorodecanoic acid



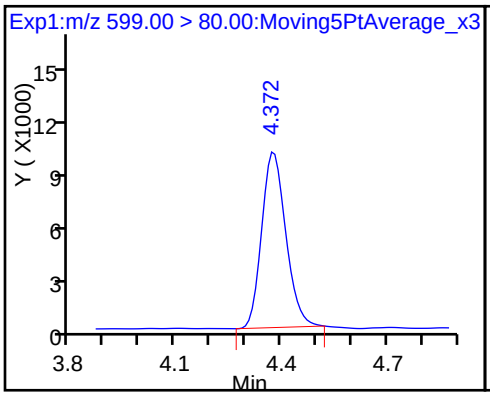
D 27 d3-NMeFOSAA



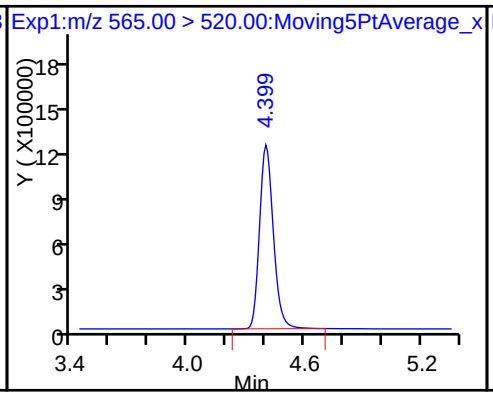
28 N-methyl perfluorooctane sulfonami



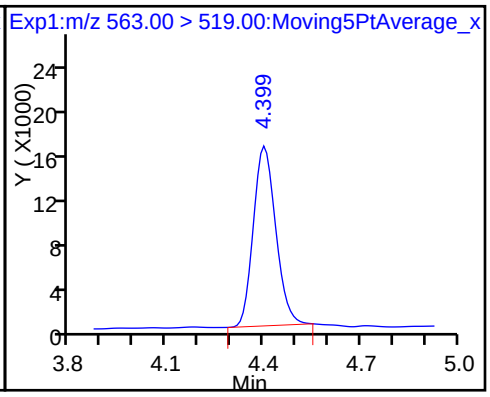
29 Perfluorodecane Sulfonic acid



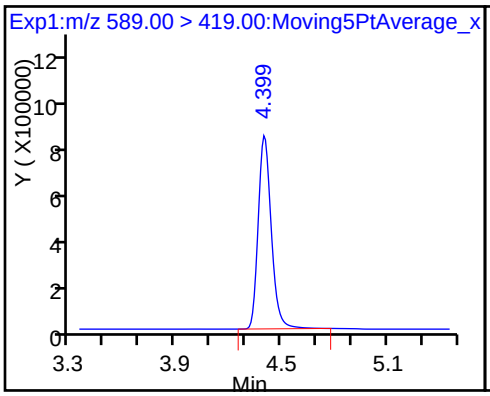
D 30 13C2 PFUnA



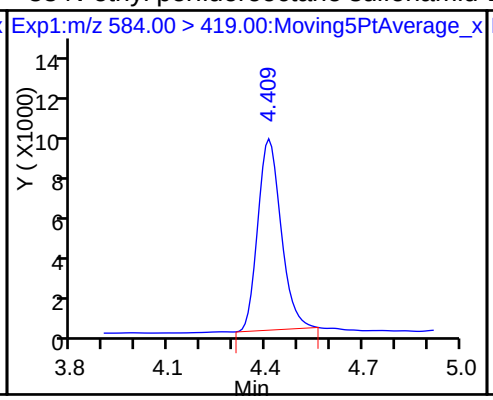
31 Perfluoroundecanoic acid



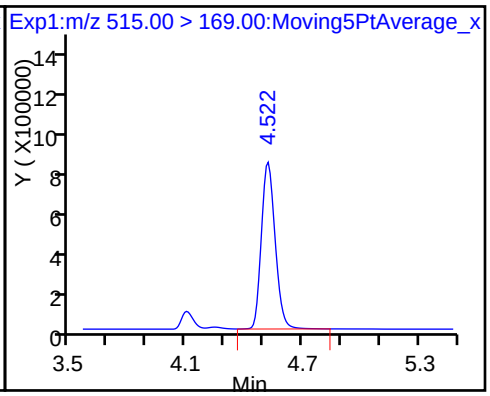
D 32 d5-NEtFOSAA



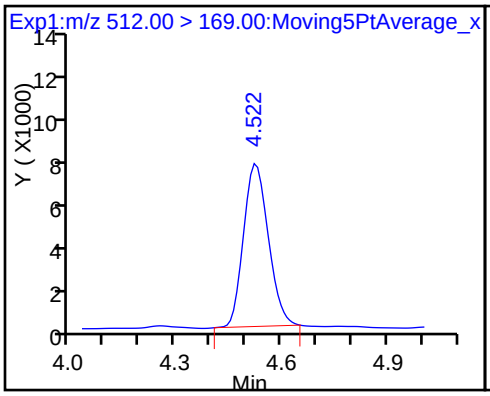
33 N-ethyl perfluorooctane sulfonamid



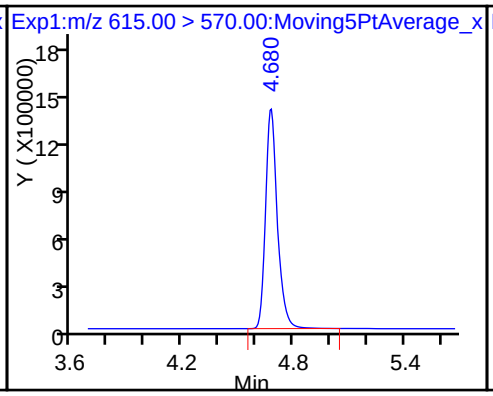
D 34 d-N-MeFOSA-M



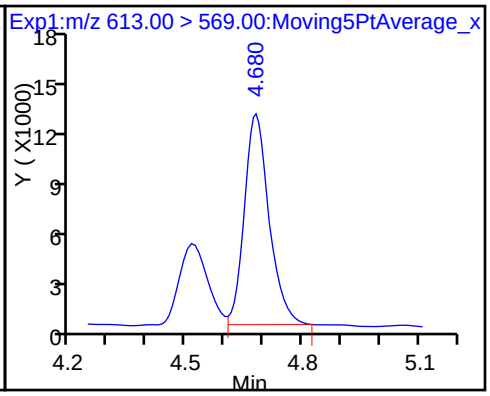
35 MeFOSA



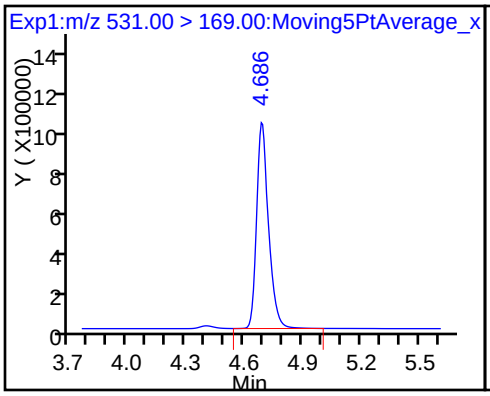
D 36 13C2 PFDoA



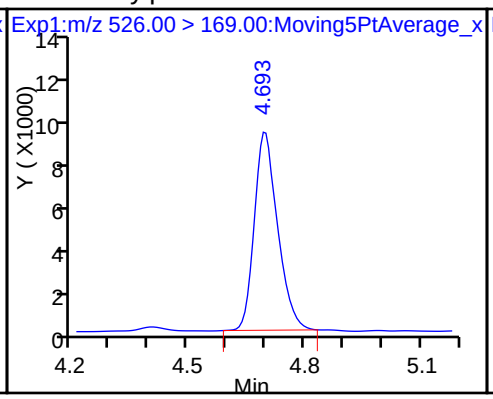
37 Perfluorododecanoic acid



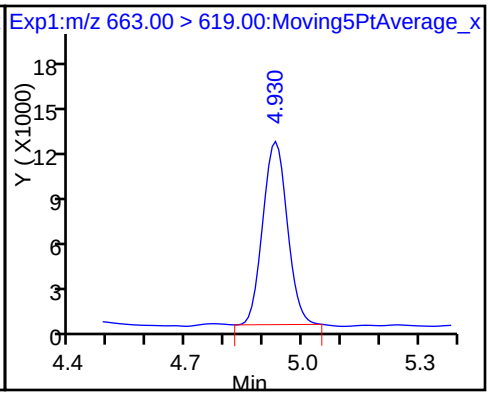
D 38 d-N-EtFOSA-M



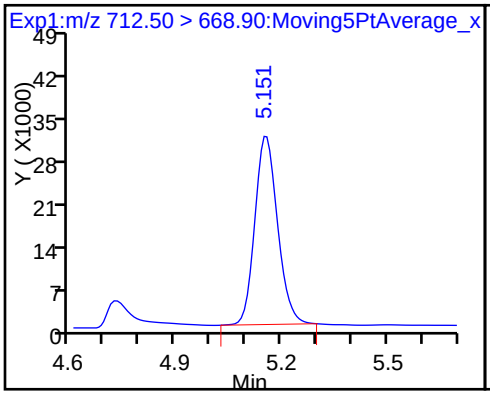
39 N-ethylperfluoro-1-octanesulfonami



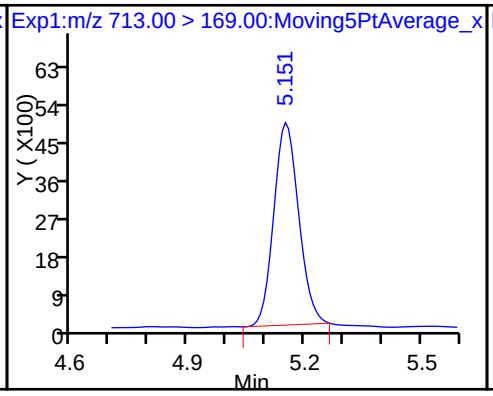
41 Perfluorotridecanoic acid



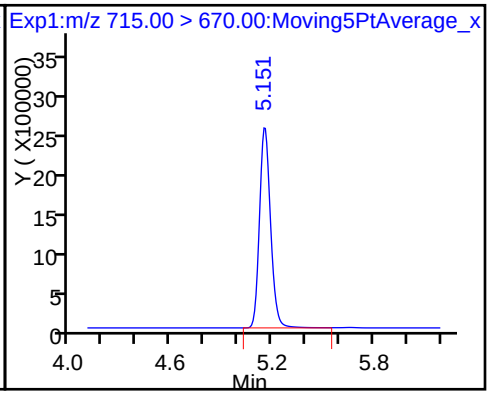
42 Perfluorotetradecanoic acid



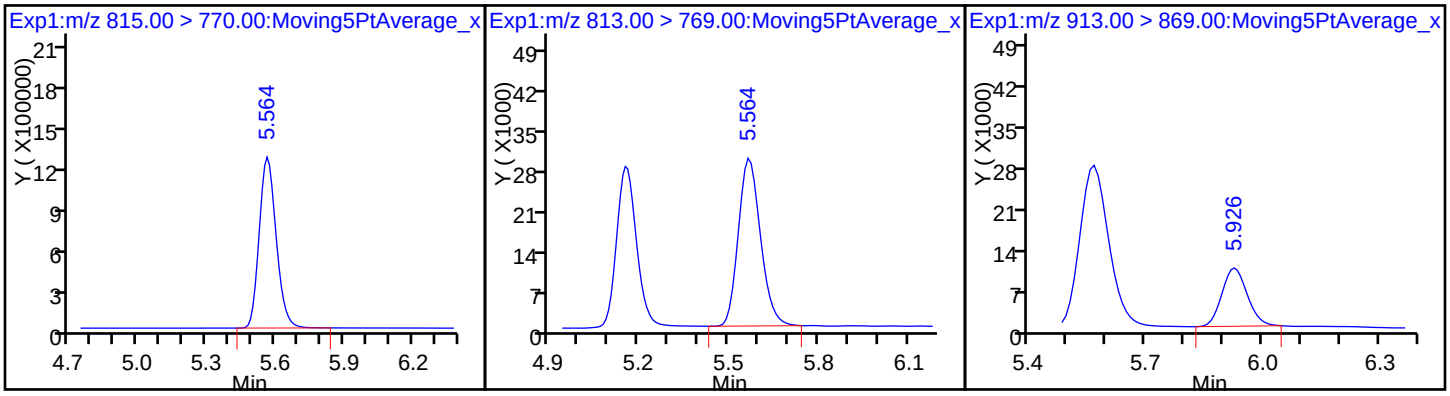
42 Perfluorotetradecanoic acid



D 43 13C2-PFTeDA



D 44 13C2-PFHxDA | 45 Perfluorohexadecanoic acid | 46 Perfluorooctadecanoic acid



TestAmerica Sacramento

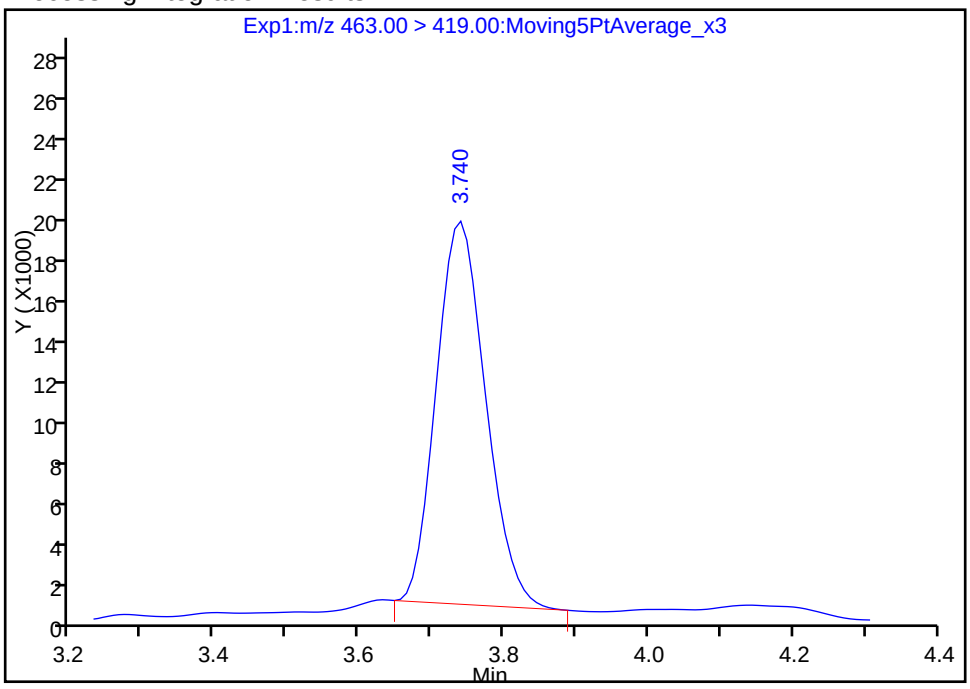
Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_003.d
Injection Date: 11-Jun-2017 14:55:57 Instrument ID: A8_N
Lims ID: IC L1 Full
Client ID:
Operator ID: SACINSTLCMS01 ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Method: A8_N Limit Group: LC PFC_DOD ICAL
Column: Detector EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 1

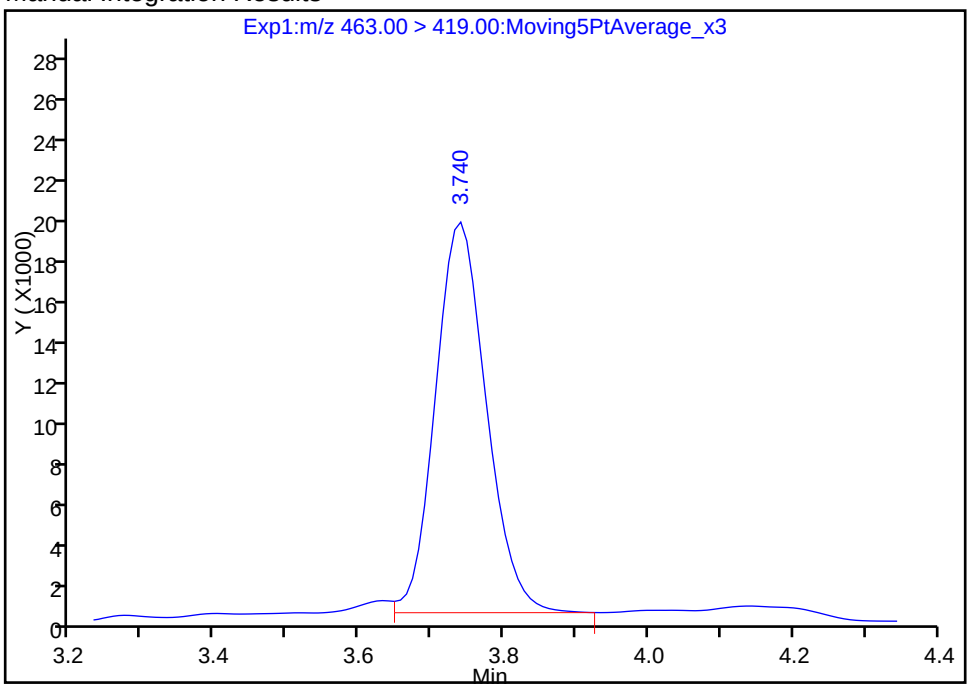
Processing Integration Results

RT: 3.74
Area: 88524
Amount: 0.468205
Amount Units: ng/ml



Manual Integration Results

RT: 3.74
Area: 93063
Amount: 0.488912
Amount Units: ng/ml



Reviewer: chandrasenas, 12-Jun-2017 09:46:07
Audit Action: Manually Integrated Audit Reason: Baseline

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_004.d
Lims ID: IC L2 Full
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 11-Jun-2017 15:03:39 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\20170611-44123.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 12-Jun-2017 10:05:58 Calib Date: 11-Jun-2017 15:42:06
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_009.d

Column 1 : Det: EXP1
Process Host: XAWRK020

First Level Reviewer: chandrasenas Date: 12-Jun-2017 09:47:03

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	1.873	1.870	0.003		19037911	51.8		104	202331	
2 Perfluorobutyric acid										
212.90 > 169.00	1.873	1.872	0.001	1.000	336355	0.9758		97.6	103	
D 3 13C5-PFPeA										
267.90 > 223.00	2.220	2.211	0.009		13420662	51.2		102	81974	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.220	2.215	0.005	1.000	288616	1.03		103	133	
D 47 13C3-PFBS										
301.90 > 83.00	2.251	2.250	0.001		303942	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.261	2.255	0.006	1.000	377199	0.8626		97.6		
298.90 > 99.00	2.261	2.255	0.006	1.000	153626		2.46(0.00-0.00)	97.6		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.540	2.534	0.006	1.000	77882	0.6927		74.2		
D 7 13C2 PFHxA										
315.00 > 270.00	2.582	2.575	0.007		12746450	52.4		105	35883	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.582	2.576	0.006	1.000	252786	0.9859		98.6	549	
D 9 13C4-PFHpA										
367.00 > 322.00	2.972	2.967	0.005		11756484	53.0		106	35644	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.972	2.969	0.003	1.000	240564	0.9694		96.9	137	
D 11 18O2 PFHxS										
403.00 > 84.00	2.979	2.978	0.001		11943020	49.1		104	21871	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.979	2.978	0.001	1.000	260079	0.9287		102		

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	3.369	3.344	0.025		5974957	61.6		130		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.369	3.345	0.024	1.000	116922	0.8483		89.5		
* 62 13C2-PFOA										
415.00 > 370.00	3.369	3.361	0.008		13056344	50.0				
D 14 13C4 PFOA										
417.00 > 372.00	3.369	3.363	0.006		12487687	56.1		112	34434	
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.369	3.363	0.006	1.000	202728	0.9545		100		
15 Perfluorooctanoic acid										
413.00 > 369.00	3.369	3.364	0.005	1.000	260609	0.9739		97.4	89.7	
413.00 > 169.00	3.369	3.364	0.005	1.000	146540		1.78(0.90-1.10)	97.4	392	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.738	3.682	0.056	1.000	160624	0.8578		92.4	565	
499.00 > 99.00	3.738	3.682	0.056	1.000	33290		4.82(0.90-1.10)	92.4	496	
D 18 13C4 PFOS										
503.00 > 80.00	3.738	3.733	0.005		8321910	49.6		104	10261	
D 19 13C5 PFNA										
468.00 > 423.00	3.755	3.747	0.008		9662993	52.9		106	16024	
20 Perfluorononanoic acid										M
463.00 > 419.00	3.755	3.747	0.008	1.000	184562	0.9696		97.0	432	M
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.074	4.065	0.009	1.000	263671	0.9798		98.0	1640	
D 21 13C8 FOSA										
506.00 > 78.00	4.074	4.065	0.009		13814442	52.4		105	13771	
D 26 M2-8:2FTS										
529.00 > 509.00	4.100	4.091	0.009		3187639	45.8		95.7		
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.100	4.091	0.009	1.000	66116	1.00		104		
D 23 13C2 PFDA										
515.00 > 470.00	4.100	4.093	0.007		8349187	53.8		108	10058	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.100	4.096	0.004	1.000	154551	0.9624		96.2	736	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.255	4.250	0.005		4375034	52.2		104		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.264	4.254	0.010	1.002	89930	0.9820		98.2		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.393	4.381	0.012	1.000	97543	0.9198		95.4		
D 30 13C2 PFUnA										
565.00 > 520.00	4.412	4.406	0.006		6089790	54.6		109	5423	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.412	4.407	0.005	1.000	134092	0.9569		95.7	564	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.421	4.409	0.012		4285199	53.1		106		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.421	4.415	0.006	1.000	82638	1.00		99.7		

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	4.535	4.529	0.006		4112096	49.6		99.3		
35 MeFOSA										
512.00 > 169.00	4.535	4.532	0.003	1.000	76376	0.9552		95.5		
D 36 13C2 PFDoA										
615.00 > 570.00	4.688	4.684	0.004		6093558	53.1		106	6589	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.695	4.686	0.009	1.000	109936	0.9630		96.3	116	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.702	4.698	0.004		4081581	50.1		100		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.709	4.703	0.006	1.000	75791	0.9323		93.2		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.947	4.937	0.010	1.000	110129	0.9787		97.9	293	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.167	5.158	0.009		11754538	53.5		107	14330	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.167	5.158	0.009	1.000	261253	1.00		99.5	133	
713.00 > 169.00	5.167	5.158	0.009	1.000	39275		6.65(0.00-0.00)	99.5	628	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.575	5.570	0.005	1.000	228390	1.00		100	33.5	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.575	5.570	0.005		7330711	54.4		109	4025	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.935	5.928	0.007	1.000	128901	1.00		99.7	18.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

LCPFC_FULL-L2_00005 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2017 10:05:59 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_004.d

Injection Date: 11-Jun-2017 15:03:39 Instrument ID: A8_N

Lims ID: IC L2 Full

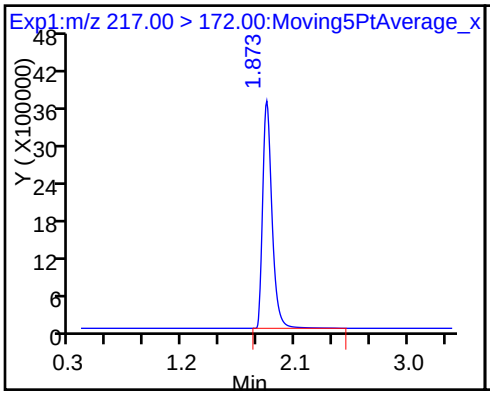
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 29 Worklist Smp#: 4

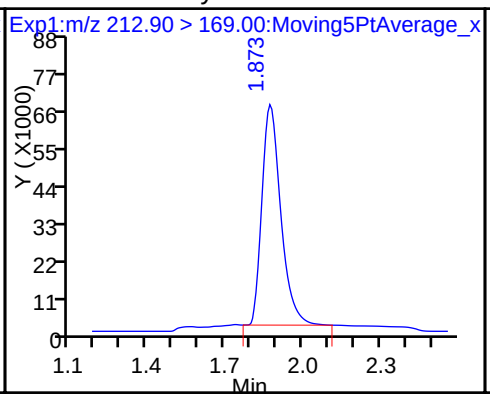
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

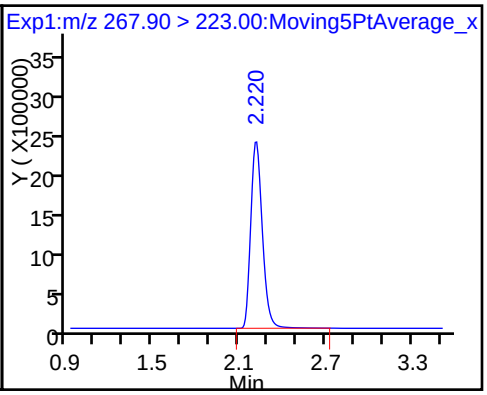
D 1 13C4 PFBA



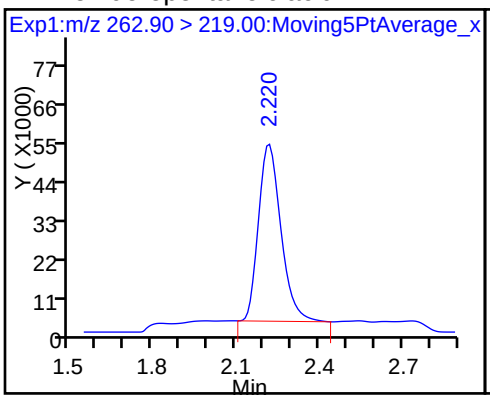
2 Perfluorobutyric acid



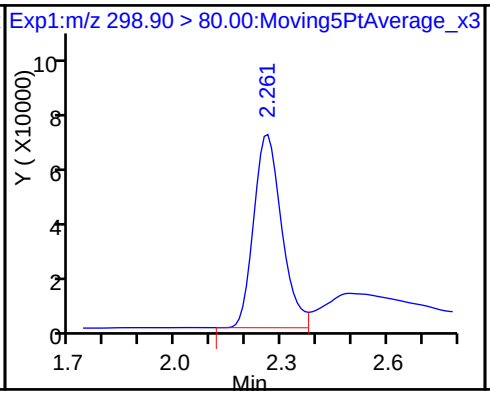
D 3 13C5-PFPeA



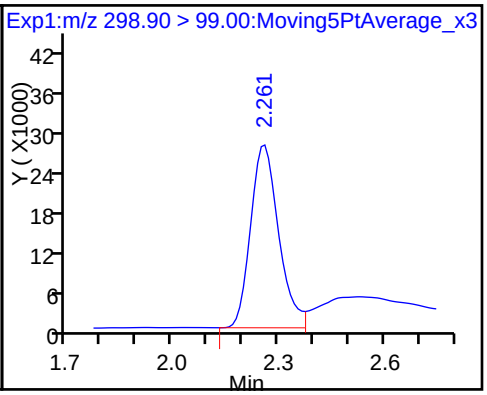
4 Perfluoropentanoic acid



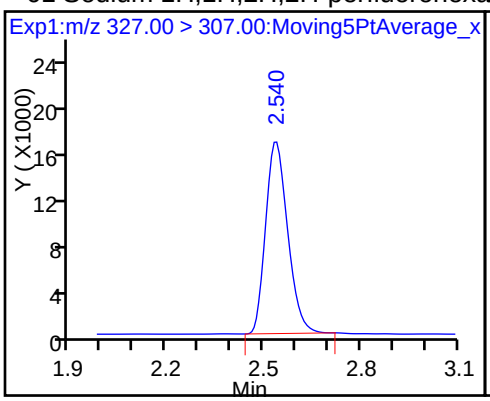
5 Perfluorobutanesulfonic acid



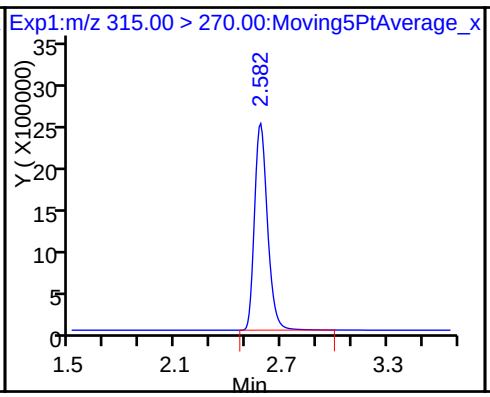
5 Perfluorobutanesulfonic acid



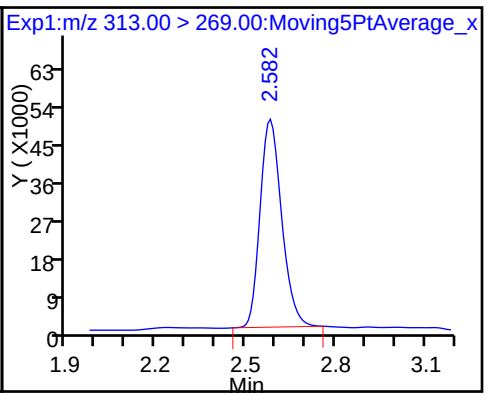
61 Sodium 1H,1H,2H,2H-perfluorohexa



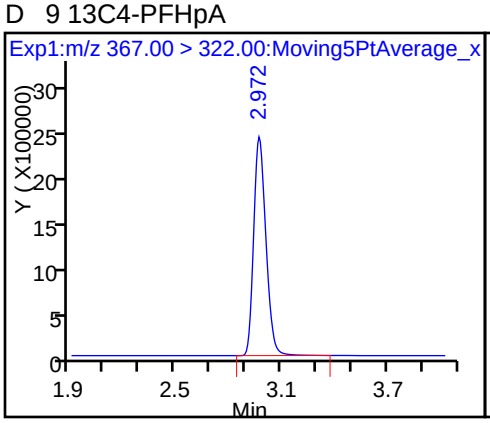
De 7 13C2 PFHxA



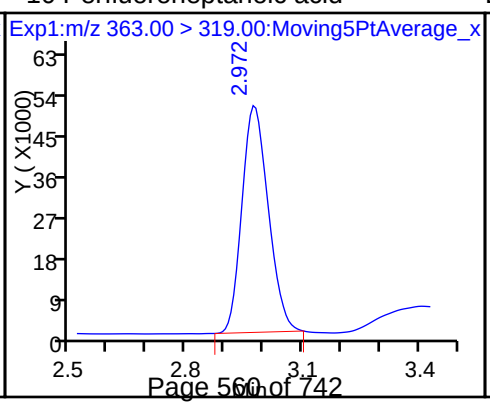
6 Perfluorohexanoic acid



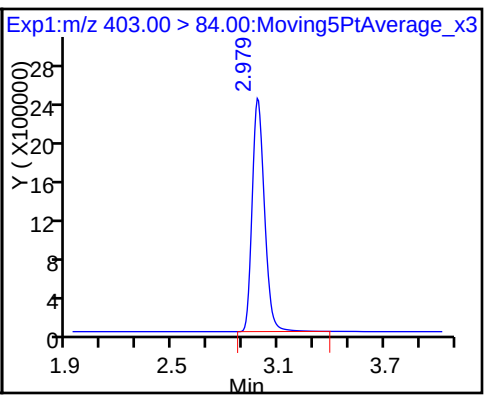
D 9 13C4-PFHpA



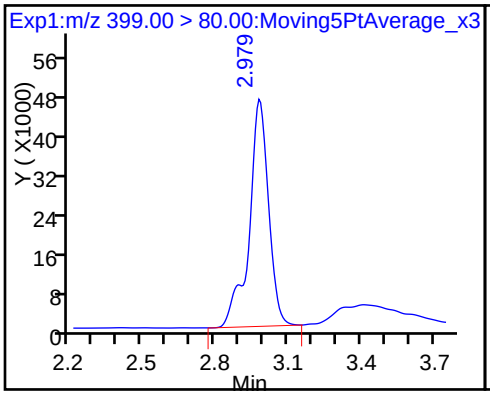
10 Perfluoroheptanoic acid



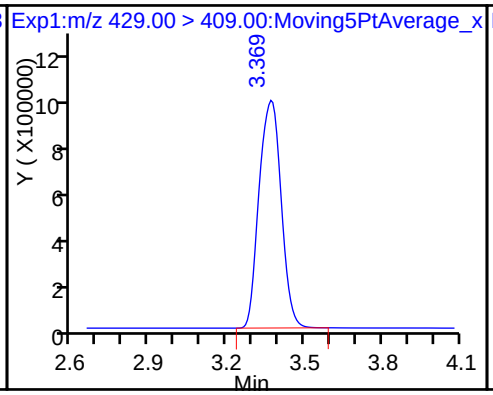
D 11 18O2 PFHxS



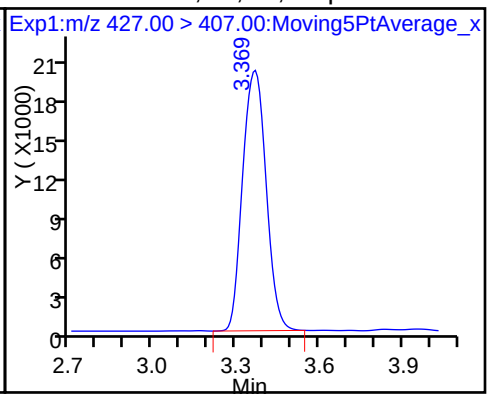
8 Perfluorohexanesulfonic acid



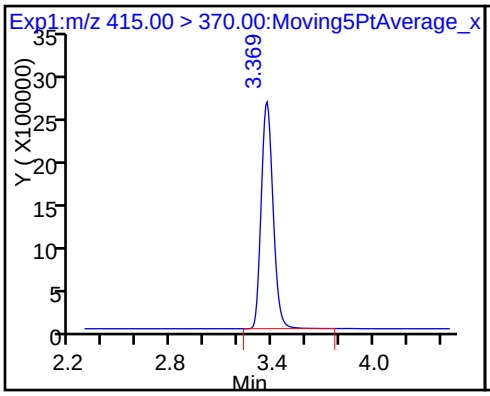
D 12 M2-6:2FTS



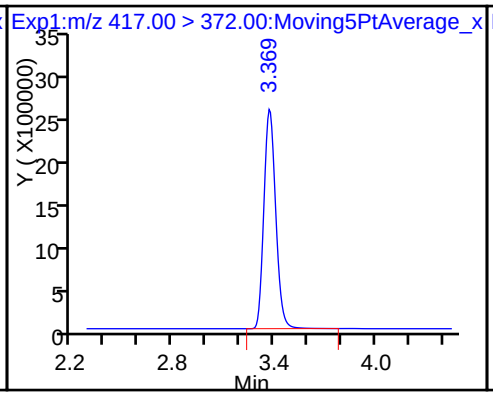
13 Sodium 1H,1H,2H,2H-perfluorooctane



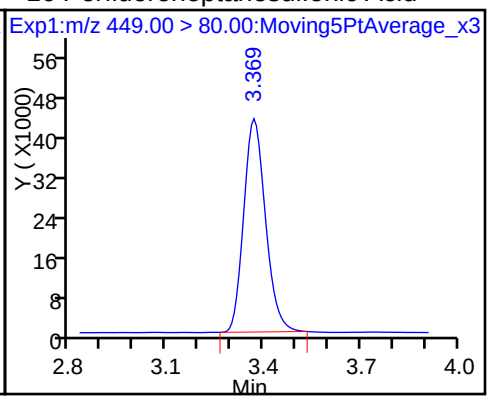
* 62 13C2-PFOA



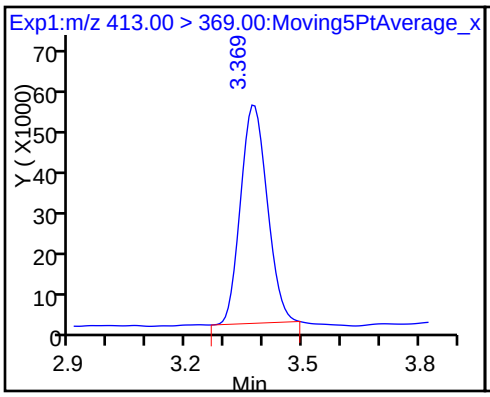
D 14 13C4 PFOA



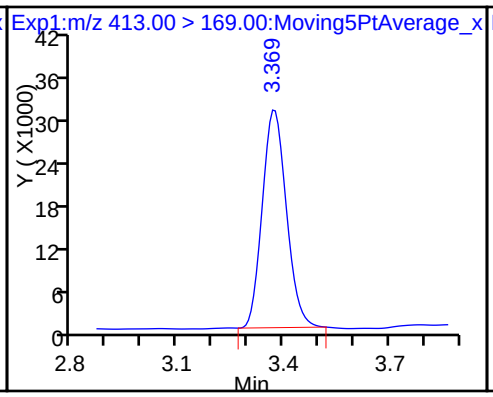
16 Perfluoroheptanesulfonic Acid



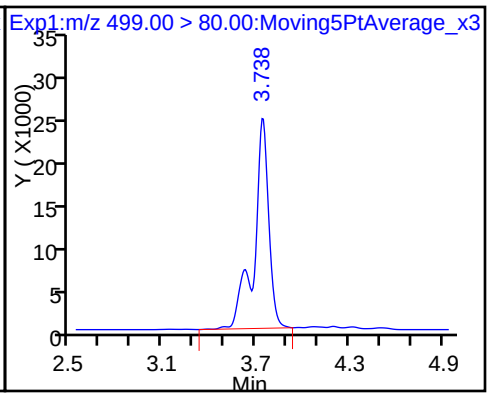
15 Perfluorooctanoic acid



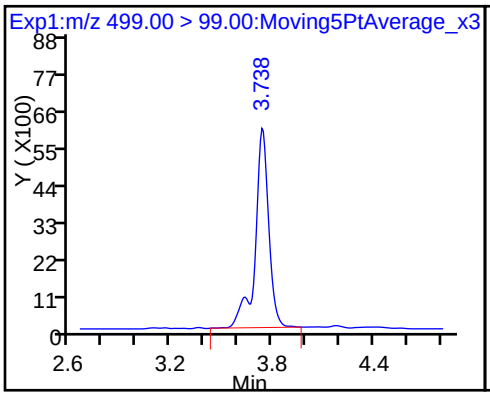
15 Perfluorooctanoic acid



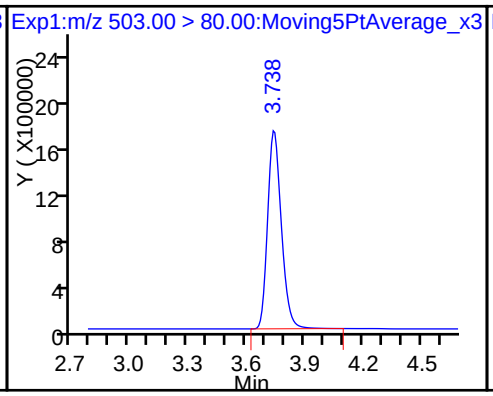
17 Perfluorooctane sulfonic acid



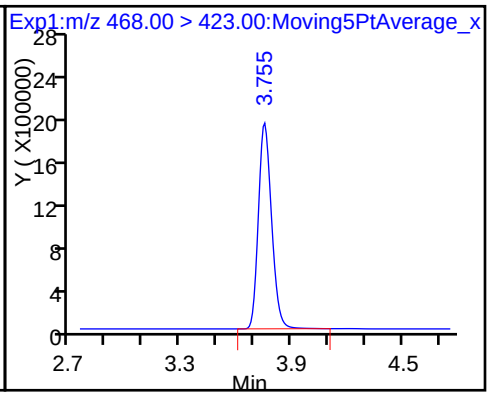
17 Perfluorooctane sulfonic acid



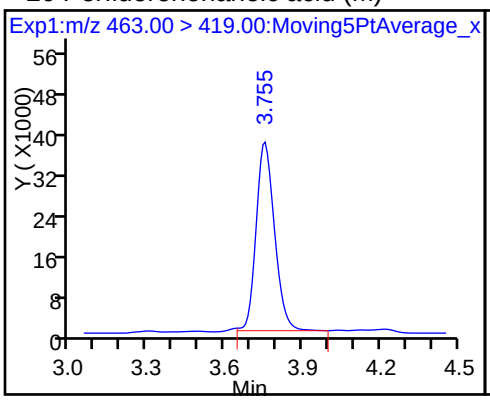
D 18 13C4 PFOS



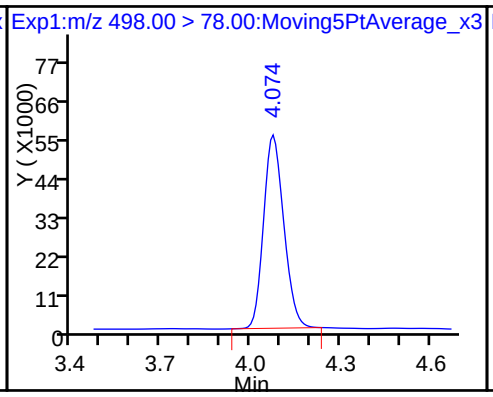
D 19 13C5 PFNA



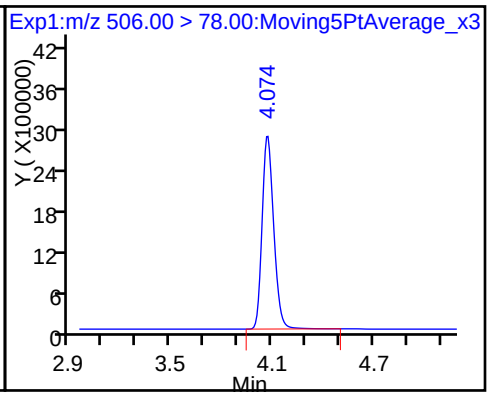
20 Perfluorononanoic acid (M)



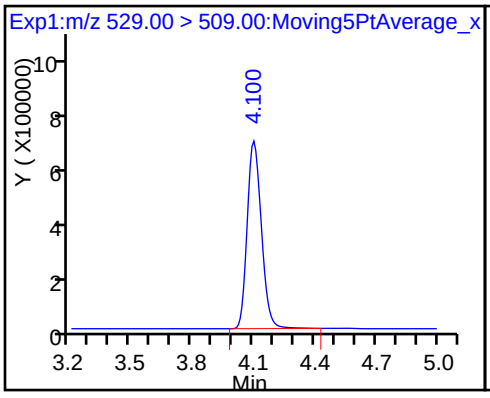
22 Perfluorooctane Sulfonamide



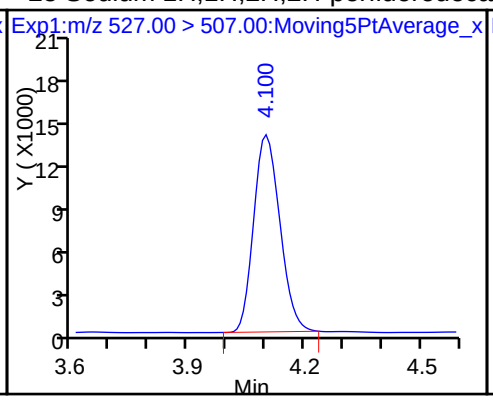
D 21 13C8 FOSA



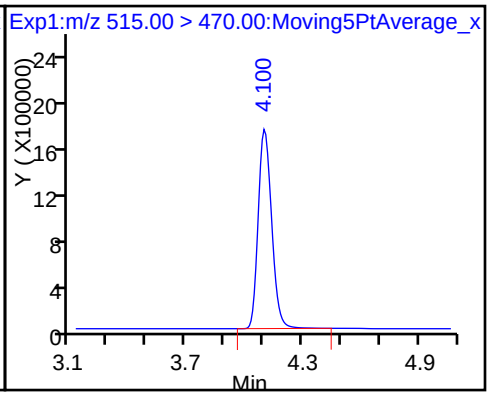
D 26 M2-8:2FTS



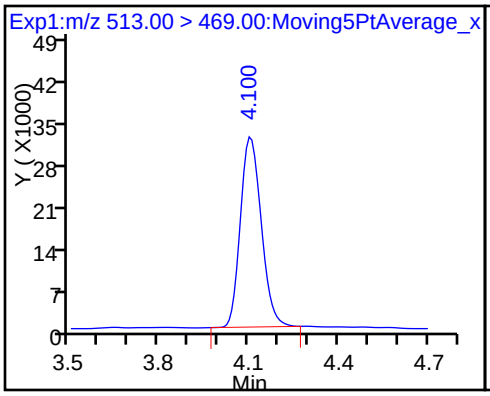
25 Sodium 1H,1H,2H,2H-perfluorodecane



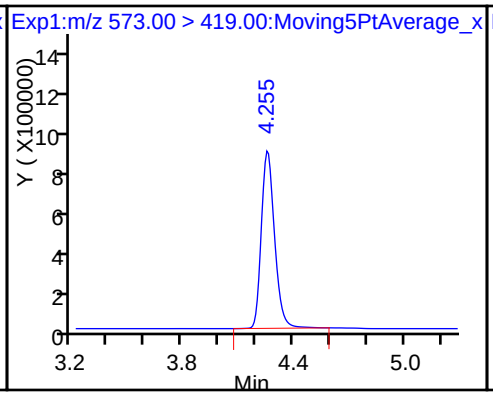
D 23 13C2 PFDA



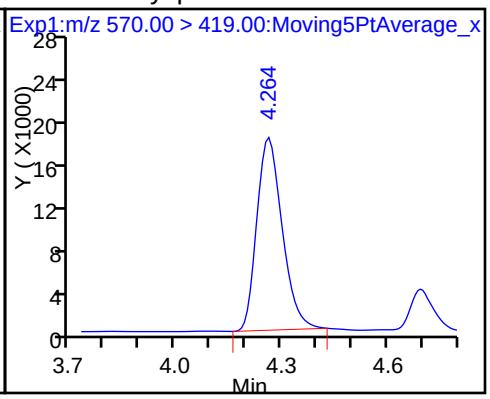
24 Perfluorodecanoic acid



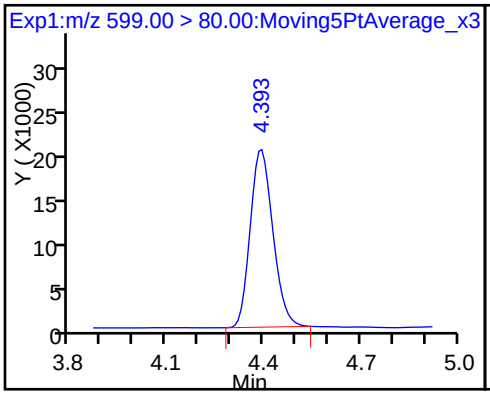
D 27 d3-NMeFOSAA



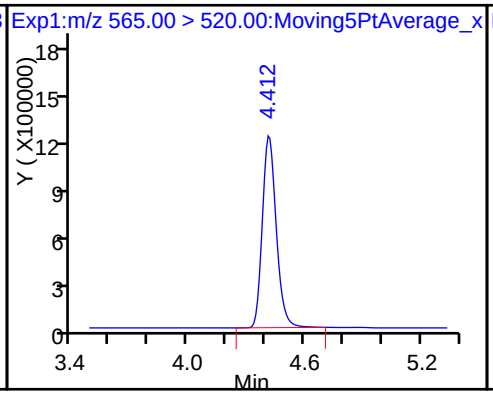
28 N-methyl perfluorooctane sulfonami



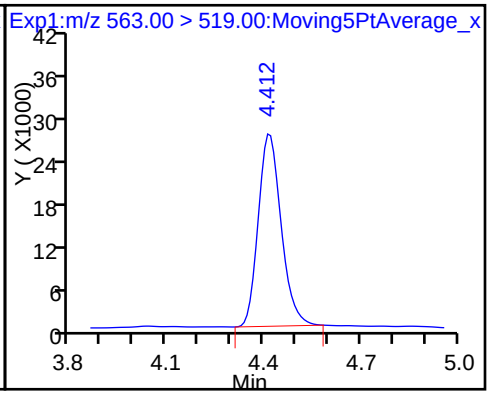
29 Perfluorodecane Sulfonic acid



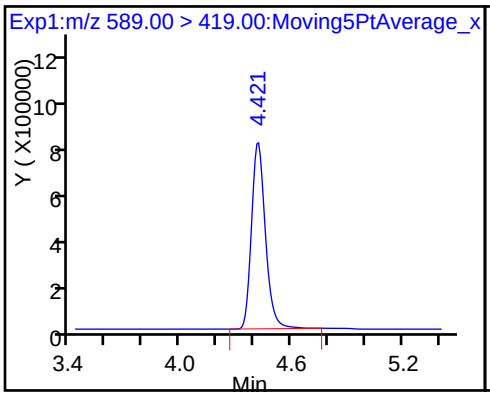
D 30 13C2 PFUnA



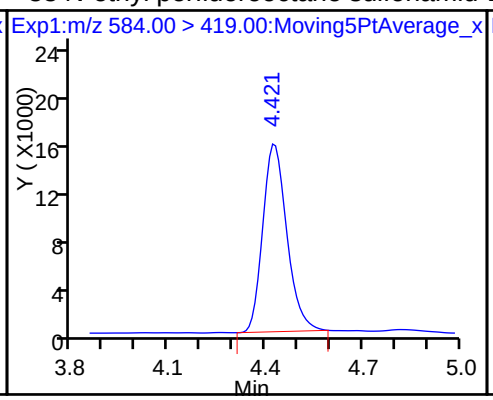
31 Perfluoroundecanoic acid



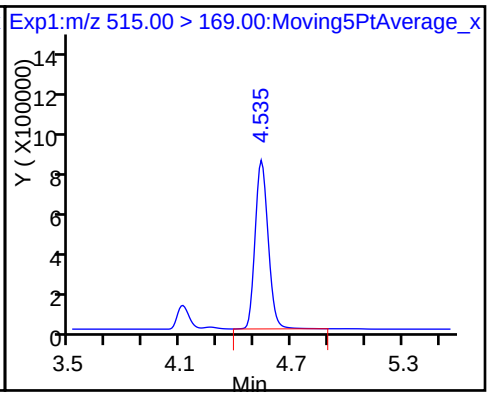
D 32 d5-NEtFOSAA



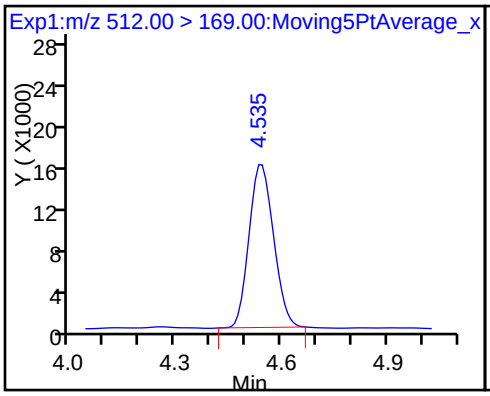
33 N-ethyl perfluorooctane sulfonamid



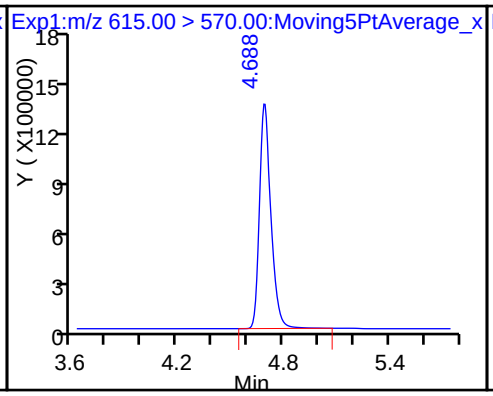
D 34 d-N-MeFOSA-M



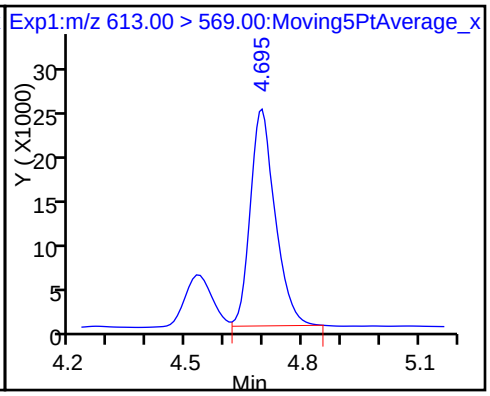
35 MeFOSA



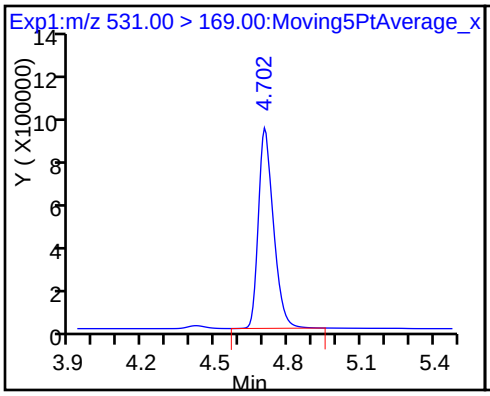
D 36 13C2 PFDoA



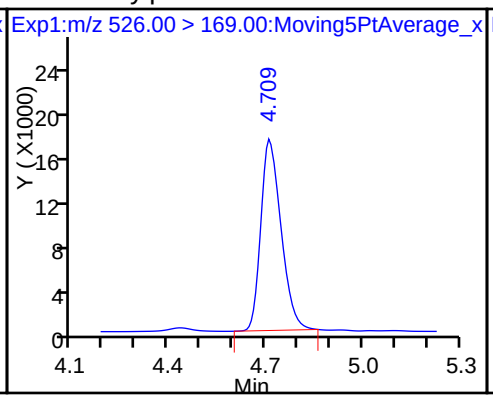
37 Perfluorododecanoic acid



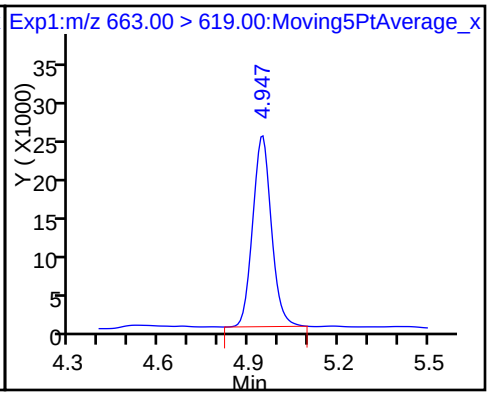
D 38 d-N-EtFOSA-M



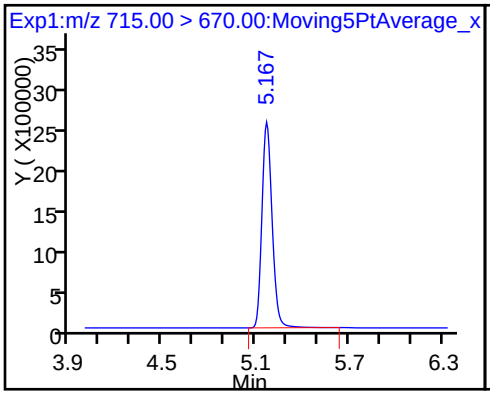
39 N-ethylperfluoro-1-octanesulfonami



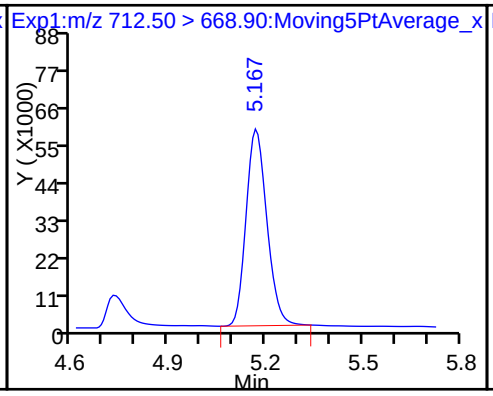
41 Perfluorotridecanoic acid



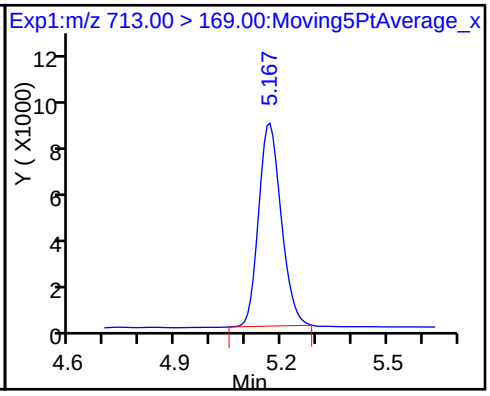
D 43 13C2-PFTeDA



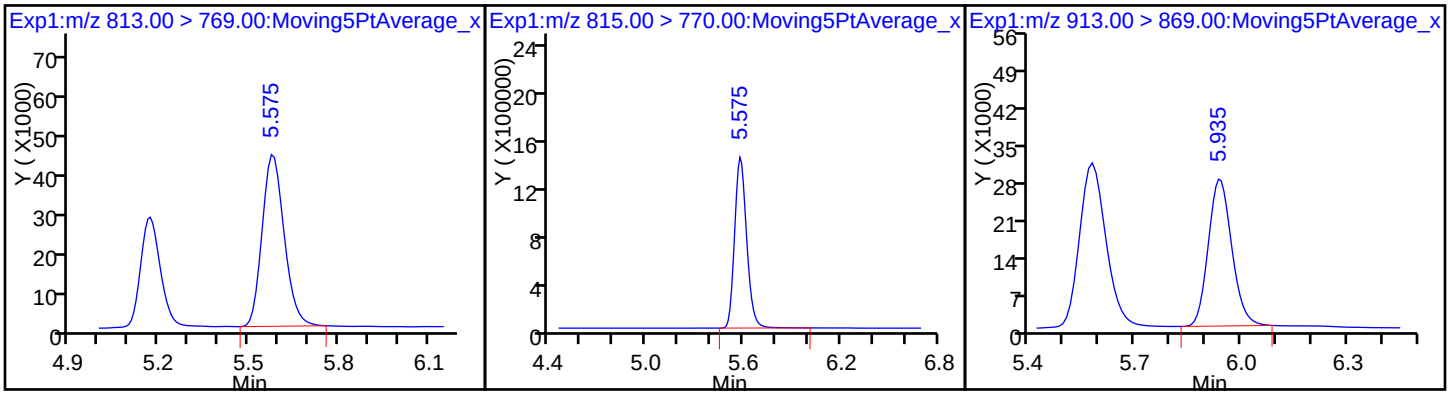
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



45 Perfluorohexadecanoic acid D 44 13C2-PFHxDA 46 Perfluorooctadecanoic acid



Manual Integration/User Assign Peak Report

TestAmerica Sacramento

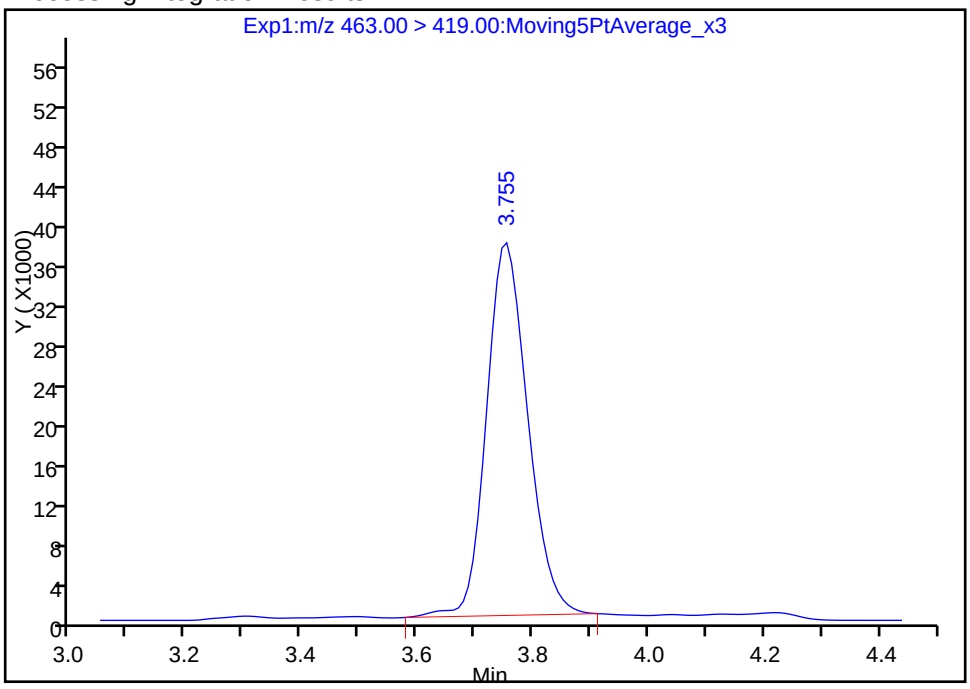
Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_004.d
Injection Date: 11-Jun-2017 15:03:39 Instrument ID: A8_N
Lims ID: IC L2 Full
Client ID:
Operator ID: SACINSTLCMS01 ALS Bottle#: 29 Worklist Smp#: 4
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Method: A8_N Limit Group: LC PFC_DOD ICAL
Column: Detector EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 1

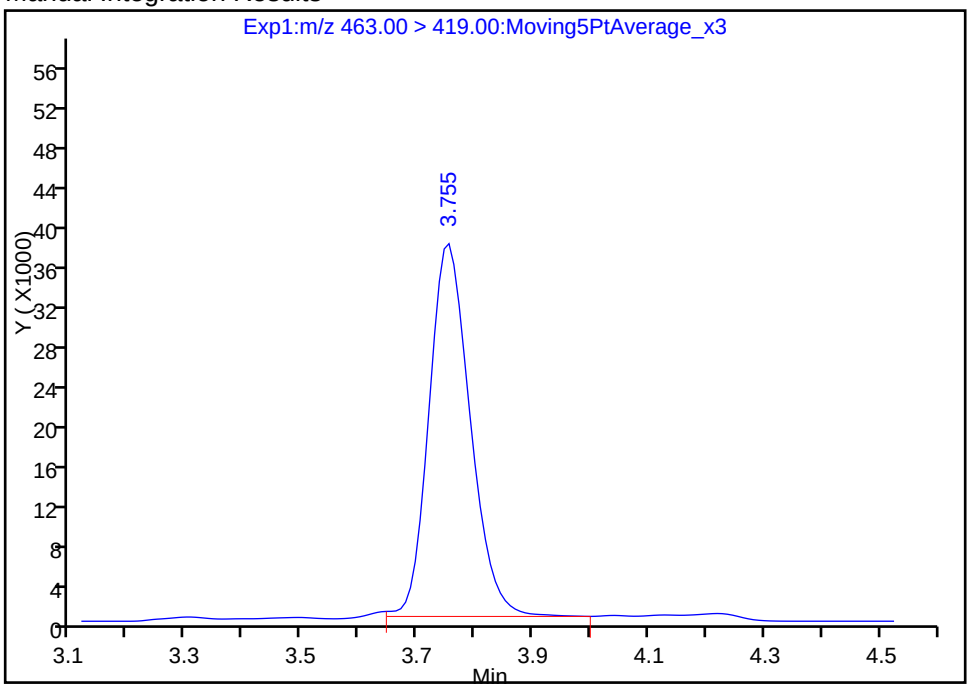
Processing Integration Results

RT: 3.75
Area: 184706
Amount: 0.970249
Amount Units: ng/ml



Manual Integration Results

RT: 3.75
Area: 184562
Amount: 0.969597
Amount Units: ng/ml



Reviewer: chandrasenas, 12-Jun-2017 09:46:53
Audit Action: Manually Integrated Audit Reason: Baseline

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_005.d
Lims ID: IC L3 Full
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 11-Jun-2017 15:11:21 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\20170611-44123.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 12-Jun-2017 10:06:02 Calib Date: 11-Jun-2017 15:42:06
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_009.d

Column 1 : Det: EXP1
Process Host: XAWRK020

First Level Reviewer: chandrasenas Date: 12-Jun-2017 09:47:18

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	1.873	1.870	0.003		19911245	54.1		108	135062	
2 Perfluorobutyric acid										
212.90 > 169.00	1.873	1.872	0.001	1.000	1911452	5.30		106	619	
D 3 13C5-PFPeA										
267.90 > 223.00	2.211	2.211	0.0		14348810	54.8		110	282591	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.211	2.215	-0.004	1.000	1510538	5.06		101	663	
D 47 13C3-PFBS										
301.90 > 83.00	2.252	2.250	0.002		322947	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.252	2.255	-0.003	1.000	2117945	4.67		106		
298.90 > 99.00	2.252	2.255	-0.003	1.000	863714		2.45(0.00-0.00)	106		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.532	2.534	-0.002	1.000	446190	5.57		119		
D 7 13C2 PFHxA										
315.00 > 270.00	2.574	2.575	-0.001		13606212	55.9		112	42457	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.574	2.576	-0.002	1.000	1382113	5.05		101	2919	
D 9 13C4-PFHpA										
367.00 > 322.00	2.966	2.967	-0.001		12238897	55.2		110	50470	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.966	2.969	-0.003	1.000	1371073	5.31		106	748	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.973	2.978	-0.005	1.000	1313796	4.52		99.4		
D 11 18O2 PFHxS										
403.00 > 84.00	2.973	2.978	-0.005		12385780	50.9		108	33846	

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	3.331	3.344	-0.013		4257385	43.9		92.4		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.331	3.345	-0.014	1.000	428854	4.92		104		
* 62 13C2-PFOA										
415.00 > 370.00	3.354	3.361	-0.007		13150502	50.0				
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.354	3.363	-0.009	1.000	1097326	4.85		102		
D 14 13C4 PFOA										
417.00 > 372.00	3.354	3.363	-0.009		11814466	53.0		106	36817	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.354	3.364	-0.010	1.000	1306422	5.16		103	437	
413.00 > 169.00	3.354	3.364	-0.010	1.000	757290		1.73(0.90-1.10)	103	1669	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.680	3.682	-0.002	1.000	922008	4.62		99.6	788	
499.00 > 99.00	3.730	3.682	0.048	1.014	200870		4.59(0.90-1.10)	99.6	2187	
D 18 13C4 PFOS										
503.00 > 80.00	3.730	3.733	-0.003		8864403	52.9		111	23739	
20 Perfluorononanoic acid										
463.00 > 419.00	3.738	3.747	-0.009	1.000	1033666	5.16		103	2098	
D 19 13C5 PFNA										
468.00 > 423.00	3.738	3.747	-0.009		10161851	55.6		111	31350	
D 21 13C8 FOSA										
506.00 > 78.00	4.056	4.065	-0.009		14126864	53.6		107	14799	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.056	4.065	-0.009	1.000	1418174	5.15		103	5819	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.081	4.091	-0.011	1.000	351694	4.94		103		
D 26 M2-8:2FTS										
529.00 > 509.00	4.081	4.091	-0.011		3433632	49.4		103		
D 23 13C2 PFDA										
515.00 > 470.00	4.089	4.093	-0.004		8622092	55.6		111	22222	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.089	4.096	-0.007	1.000	854183	5.15		103	3679	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.243	4.250	-0.007		4375374	52.2		104		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.252	4.254	-0.002	1.002	448910	4.90		98.0		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.371	4.381	-0.010	1.000	551223	4.88		101		
D 30 13C2 PFUnA										
565.00 > 520.00	4.399	4.406	-0.007		6219779	55.8		112	10952	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.399	4.407	-0.008	1.000	662957	5.14		103	2600	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.399	4.409	-0.010		4590218	56.8		114		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.408	4.415	-0.007	1.002	419999	4.73		94.6		

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	4.522	4.529	-0.007		4344619	52.4		105		
35 MeFOSA										
512.00 > 169.00	4.522	4.532	-0.010	1.000	393523	4.66		93.2		
D 36 13C2 PFDoA										
615.00 > 570.00	4.679	4.684	-0.005		6040024	52.7		105	7913	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.679	4.686	-0.007	1.000	568901	5.03		101	545	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.692	4.698	-0.006		4150773	50.9		102		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.699	4.703	-0.004	1.000	413420	5.00		100		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.929	4.937	-0.008	1.000	583679	5.23		105	1407	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.156	5.158	-0.002	1.000	1274894	5.12		102	1071	
713.00 > 169.00	5.156	5.158	-0.002	1.000	170557		7.47(0.00-0.00)	102	1985	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.156	5.158	-0.002		11351353	51.7		103	14563	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.572	5.570	0.002		6930704	51.5		103	4330	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.572	5.570	0.002	1.000	707405	4.92		98.4	102	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.927	5.928	-0.001	1.000	649263	5.01		100	97.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L3_00004 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2017 10:06:02 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_005.d

Injection Date: 11-Jun-2017 15:11:21 Instrument ID: A8_N

Lims ID: IC L3 Full

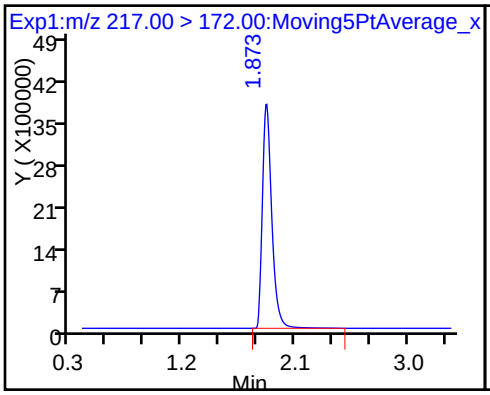
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 30 Worklist Smp#: 5

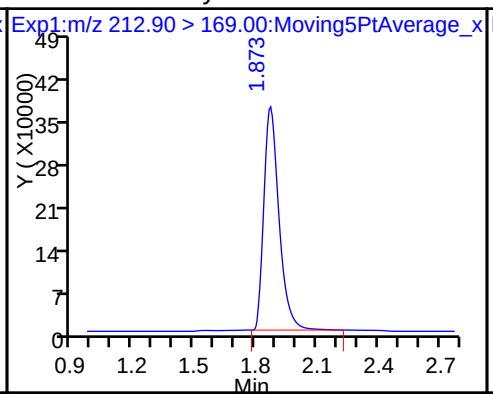
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

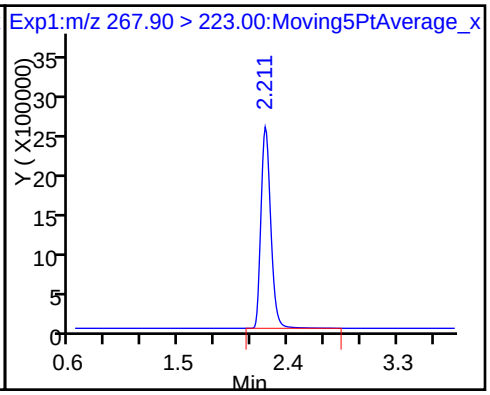
D 1 13C4 PFBA



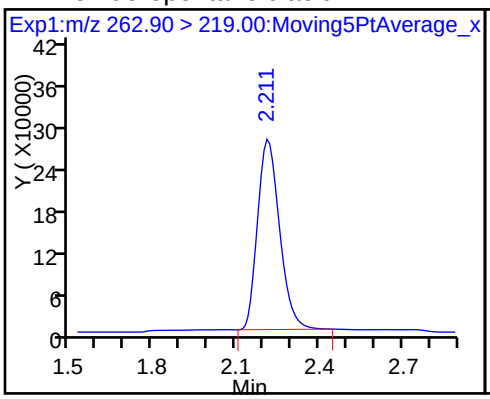
2 Perfluorobutyric acid



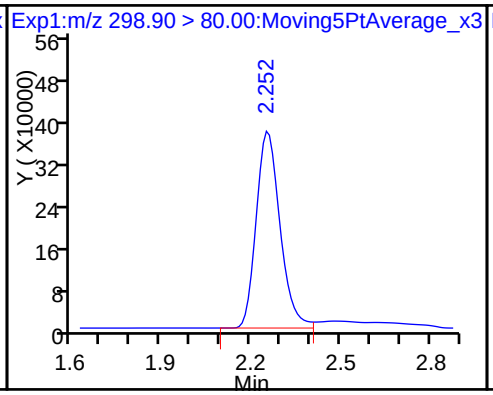
D 3 13C5-PFPeA



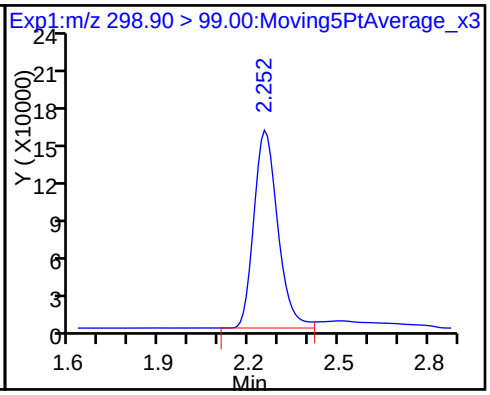
4 Perfluoropentanoic acid



5 Perfluorobutanesulfonic acid

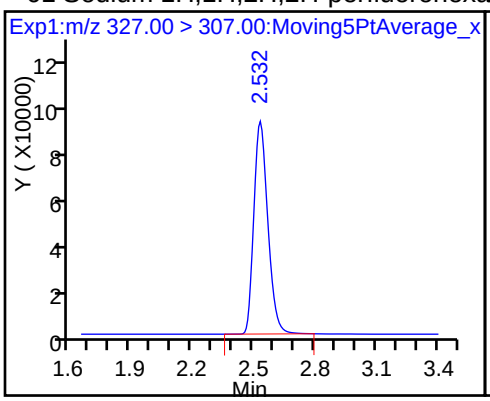


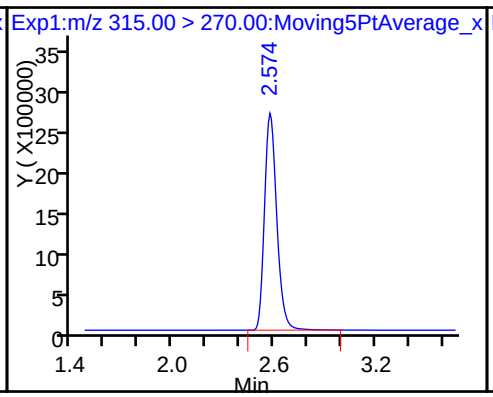
5 Perfluorobutanesulfonic acid



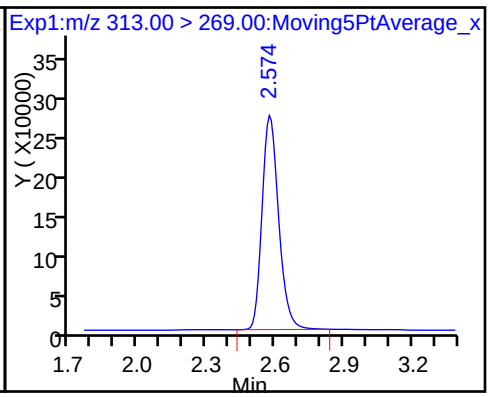
61 Sodium 1H,1H,2H,2H-perfluorohexa

D 7 13C2 PFHxA

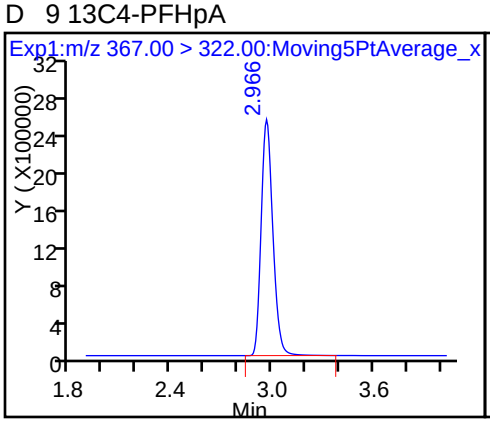




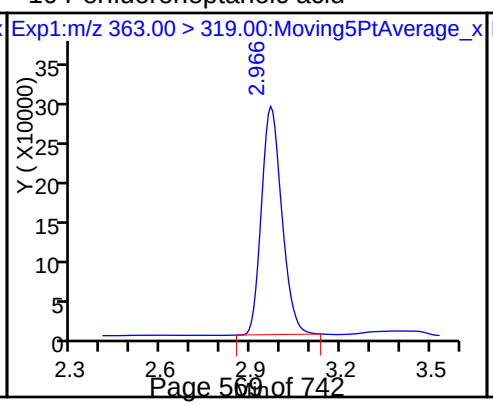
6 Perfluorohexanoic acid



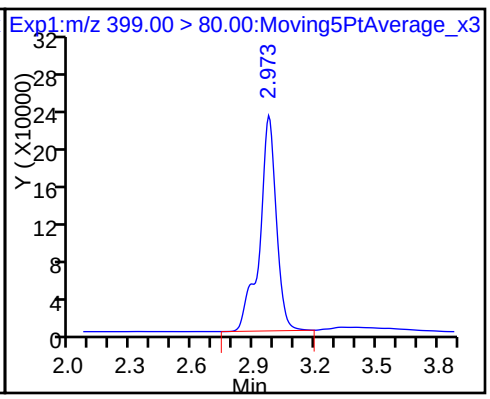
D 9 13C4-PFHpA



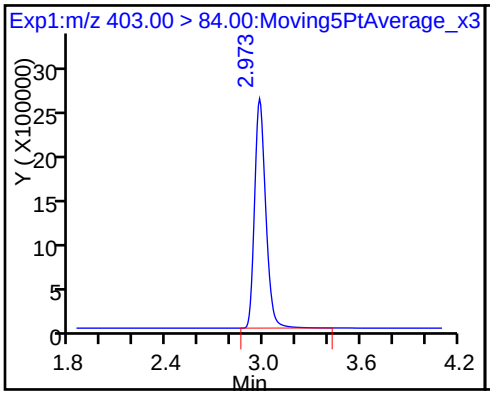
10 Perfluoroheptanoic acid



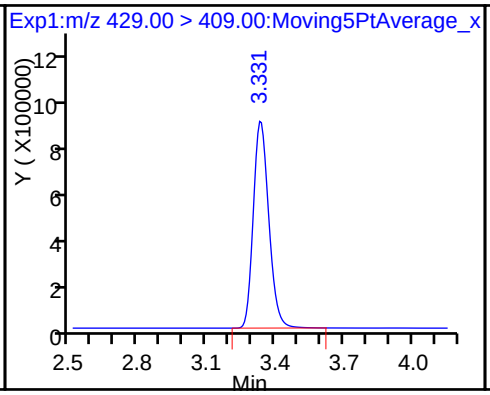
8 Perfluorohexanesulfonic acid



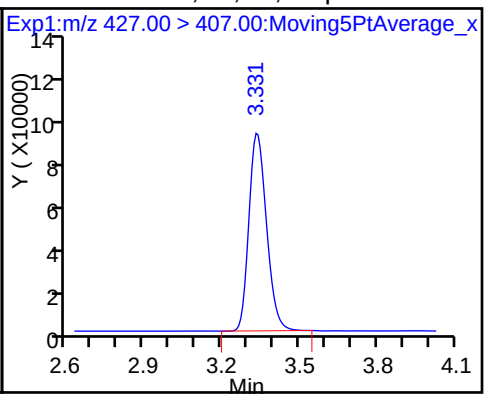
D 11 18O2 PFHxS



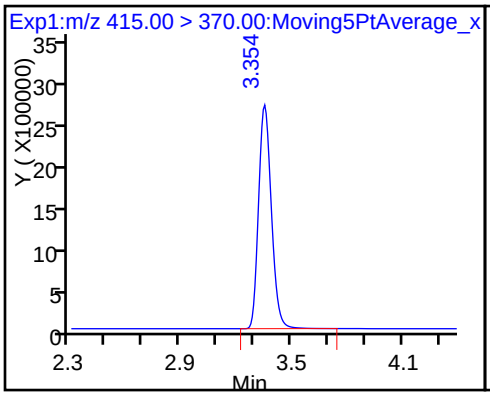
D 12 M2-6:2FTS



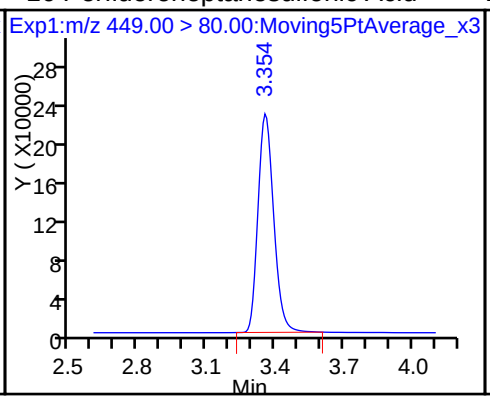
13 Sodium 1H,1H,2H,2H-perfluorooctane



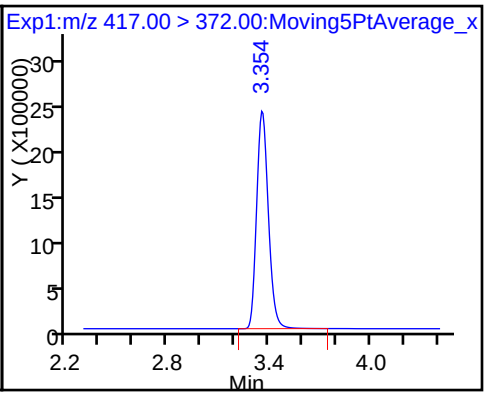
* 62 13C2-PFOA



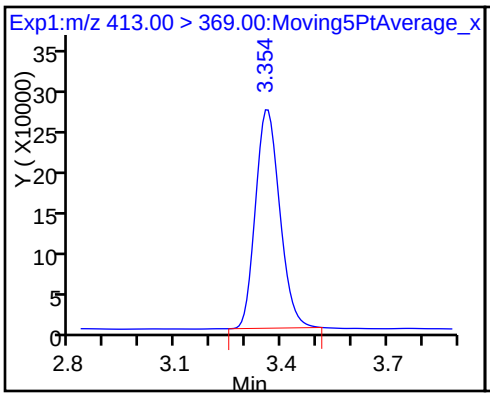
16 Perfluoroheptanesulfonic Acid



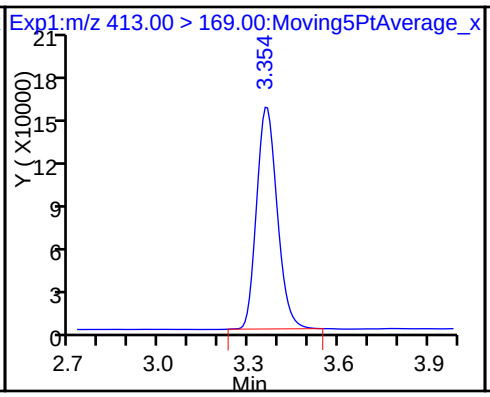
D 14 13C4 PFOA



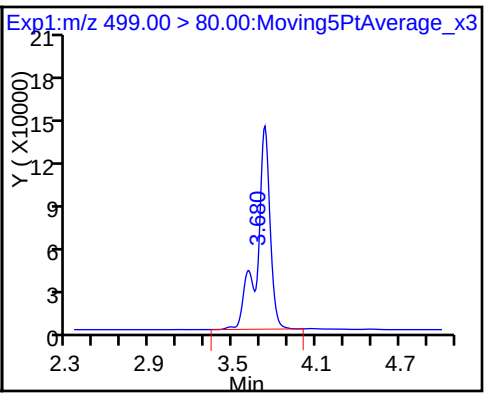
15 Perfluorooctanoic acid



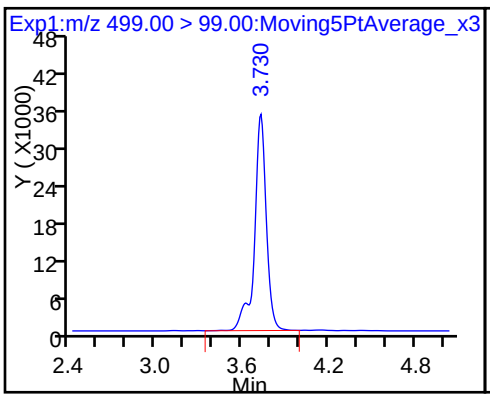
15 Perfluorooctanoic acid



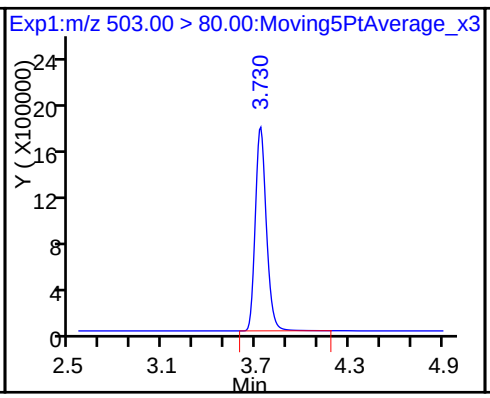
17 Perfluorooctane sulfonic acid



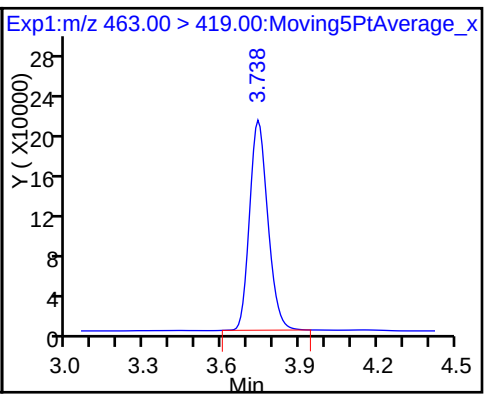
17 Perfluorooctane sulfonic acid



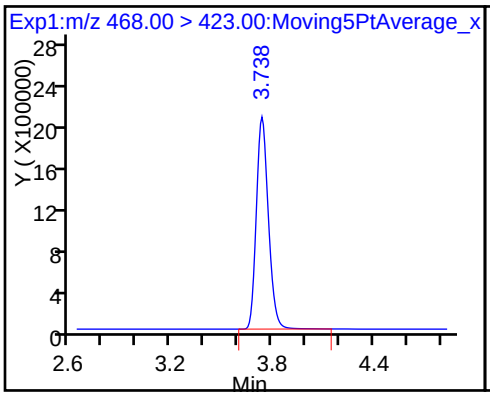
D 18 13C4 PFOS



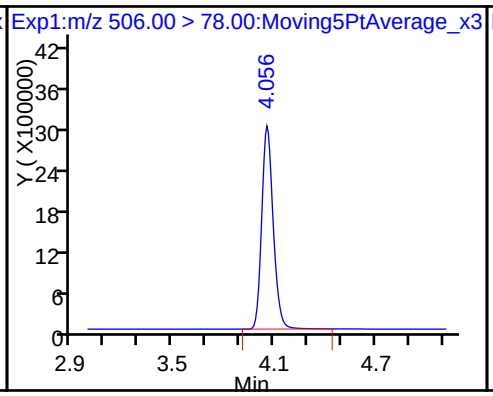
20 Perfluorononanoic acid



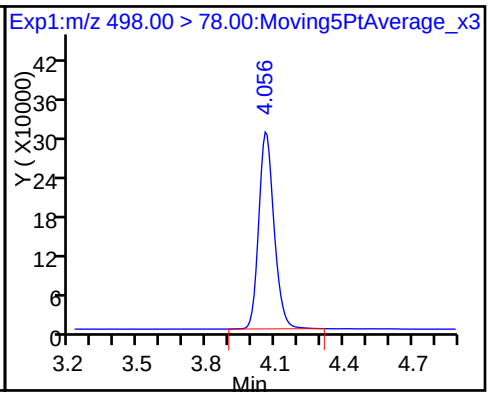
D 19 13C5 PFNA



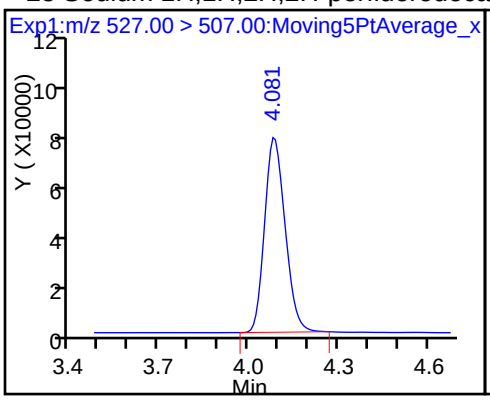
D 21 13C8 FOSA



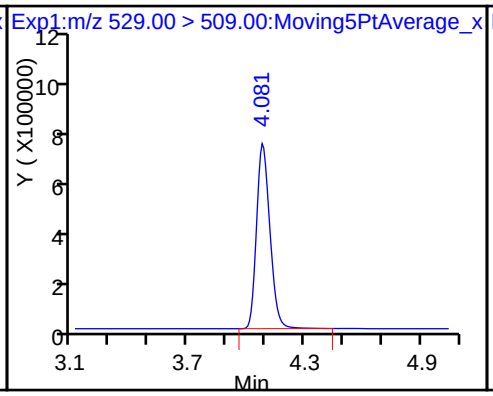
22 Perfluorooctane Sulfonamide



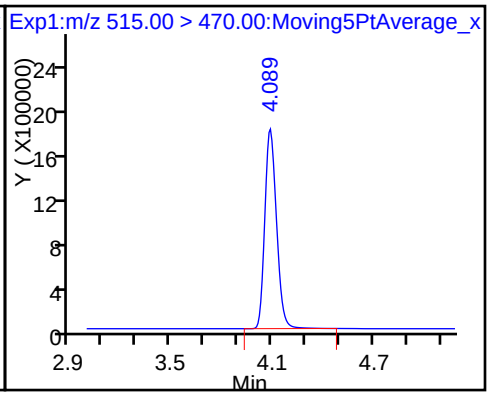
25 Sodium 1H,1H,2H,2H-perfluorodecane



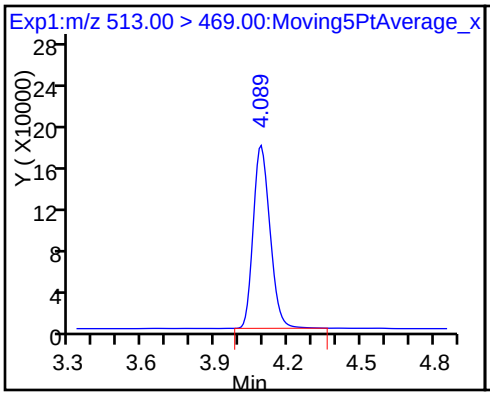
D 26 M2-8:2FTS



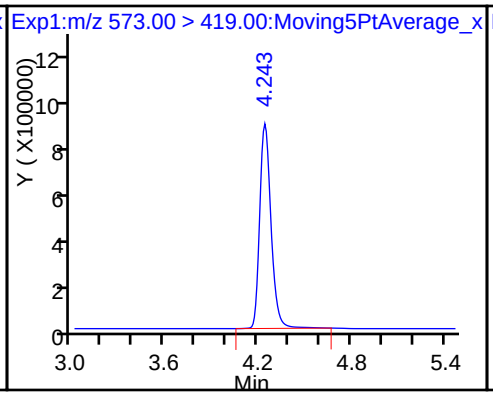
D 23 13C2 PFDA



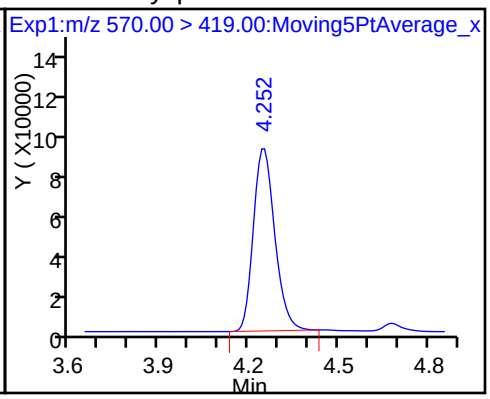
24 Perfluorodecanoic acid



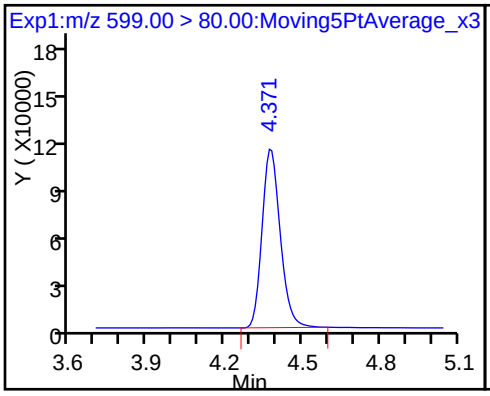
D 27 d3-NMeFOSAA



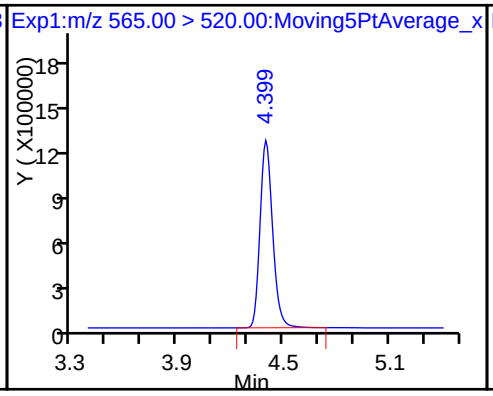
28 N-methyl perfluorooctane sulfonami



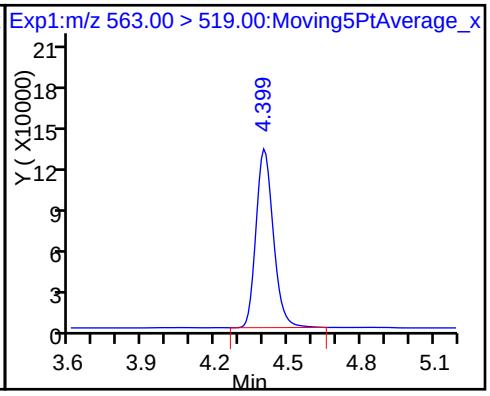
29 Perfluorodecane Sulfonic acid



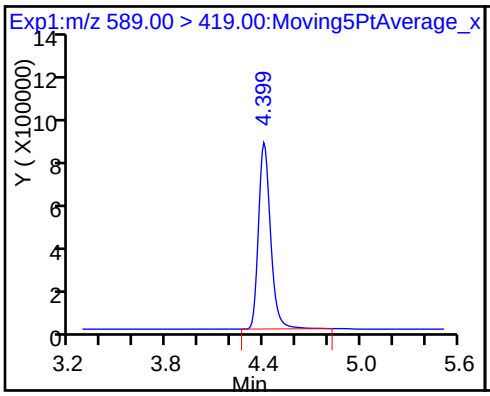
D 30 13C2 PFUnA



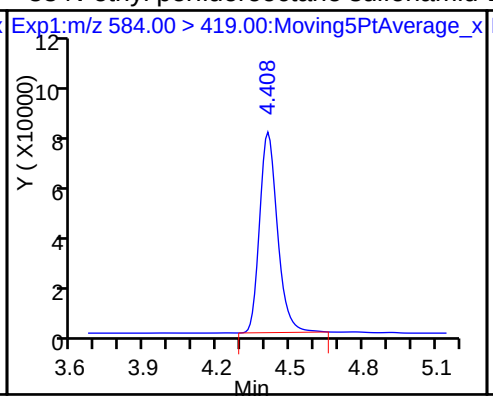
31 Perfluoroundecanoic acid



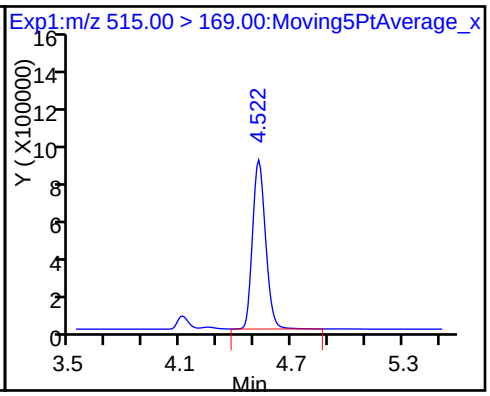
D 32 d5-NEtFOSAA



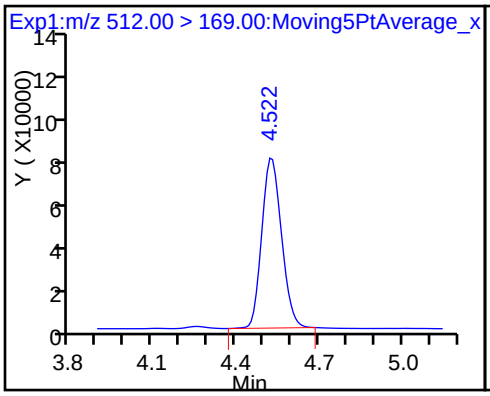
33 N-ethyl perfluorooctane sulfonamid



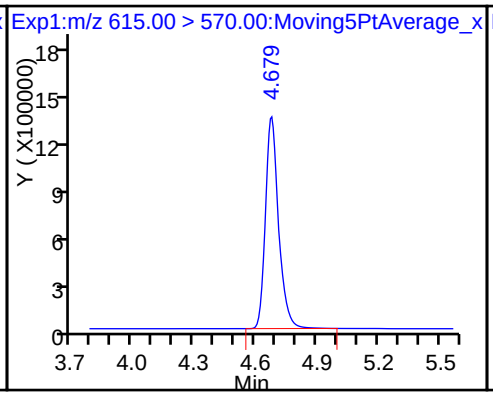
D 34 d-N-MeFOSA-M



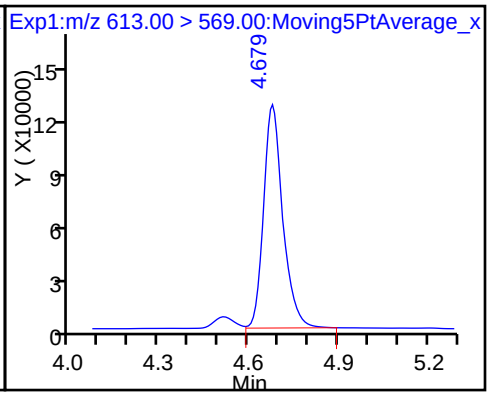
35 MeFOSA



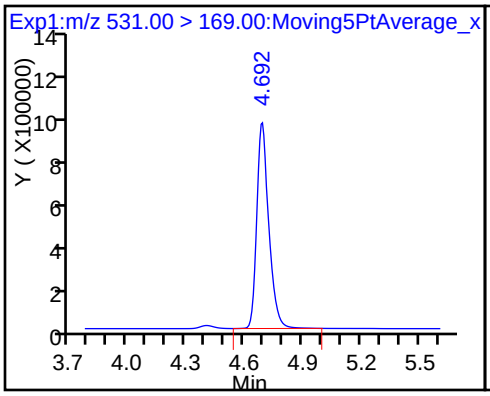
D 36 13C2 PFDoA



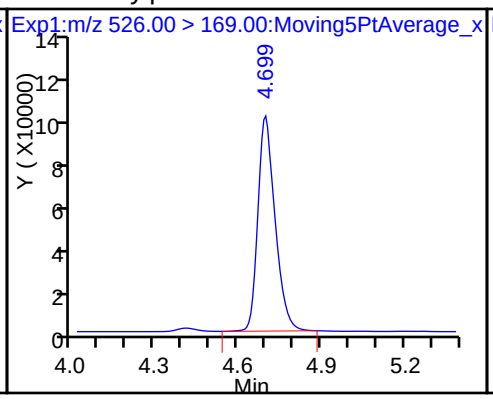
37 Perfluorododecanoic acid



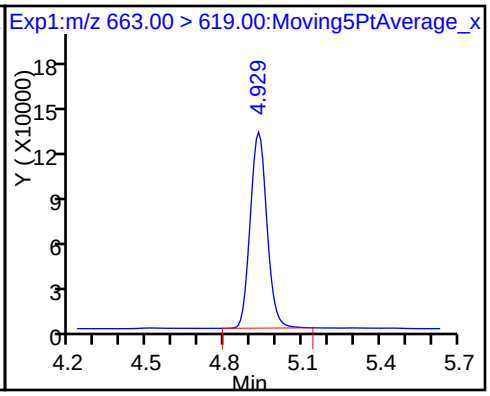
D 38 d-N-EtFOSA-M



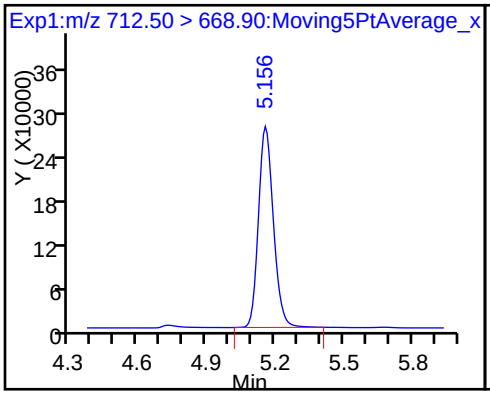
39 N-ethylperfluoro-1-octanesulfonami



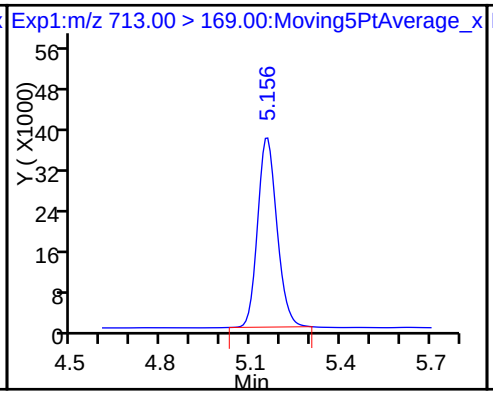
41 Perfluorotridecanoic acid



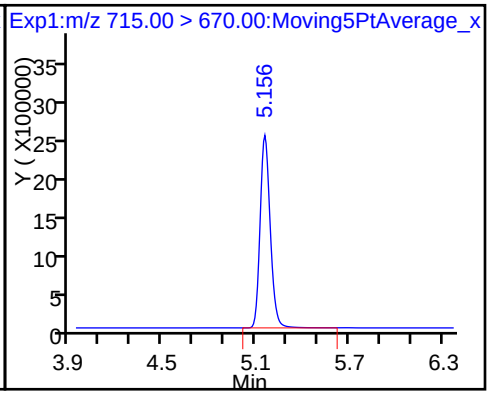
42 Perfluorotetradecanoic acid



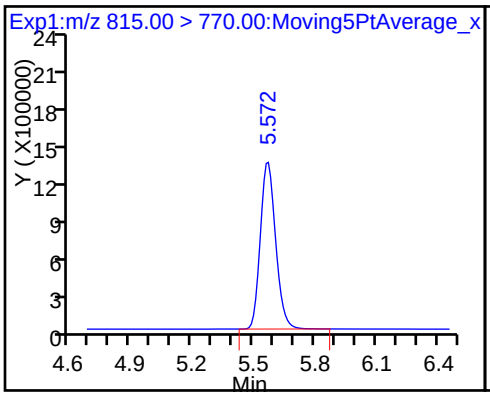
42 Perfluorotetradecanoic acid



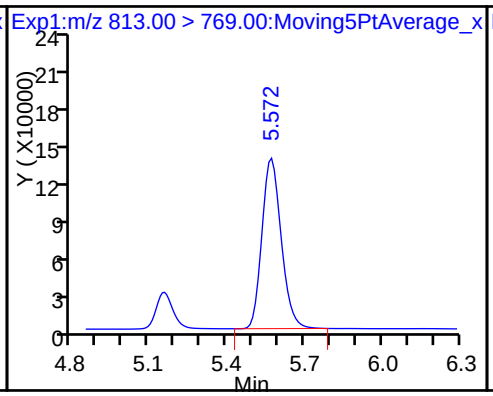
D 43 13C2-PFTeDA



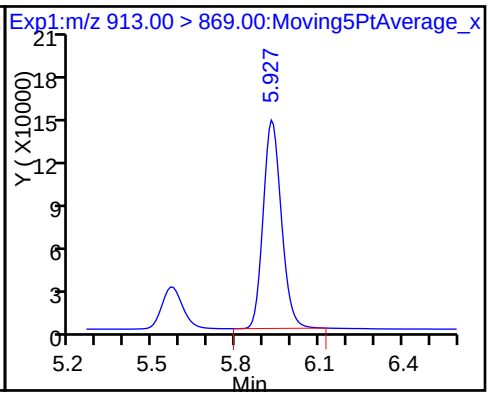
D 44 13C2-PFHxDA



45 Perfluorohexadecanoic acid



46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_006.d
Lims ID: IC L4 Full
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 11-Jun-2017 15:19:02 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\20170611-44123.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 12-Jun-2017 10:06:05 Calib Date: 11-Jun-2017 15:42:06
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_009.d

Column 1 : Det: EXP1
Process Host: XAWRK020

First Level Reviewer: chandrasenas Date: 12-Jun-2017 10:05:48

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	1.865	1.870	-0.005		18842044	51.2		102	188623	
2 Perfluorobutyric acid										
212.90 > 169.00	1.873	1.872	0.001	1.000	7166088	21.0		105	2094	
D 3 13C5-PFPeA										
267.90 > 223.00	2.210	2.211	-0.001		13624049	52.0		104	303891	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.210	2.215	-0.005	1.000	5582992	19.7		98.5	2419	
D 47 13C3-PFBS										
301.90 > 83.00	2.251	2.250	0.001		307506	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.251	2.255	-0.004	1.000	8260539	18.6		105		
298.90 > 99.00	2.251	2.255	-0.004	1.000	3235135		2.55(0.00-0.00)	105		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.532	2.534	-0.002	1.000	1563896	16.4		87.6		
D 7 13C2 PFHxA										
315.00 > 270.00	2.573	2.575	-0.002		12242848	50.3		101	36051	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.573	2.576	-0.003	1.000	5043938	20.5		102	8747	
D 9 13C4-PFHpA										
367.00 > 322.00	2.965	2.967	-0.002		11411491	51.4		103	43298	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.965	2.969	-0.004	1.000	5025813	20.9		104	2603	
D 11 18O2 PFHxS										
403.00 > 84.00	2.972	2.978	-0.006		12138883	49.9		106	34013	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.972	2.978	-0.006	1.000	4798455	16.9		92.6		

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	3.346	3.344	0.002		5081324	52.4		110		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.346	3.345	0.001	1.000	2125284	20.9		110		
* 62 13C2-PFOA										
415.00 > 370.00	3.361	3.361	0.0		12626738	50.0				
D 14 13C4 PFOA										
417.00 > 372.00	3.361	3.363	-0.002		11958495	53.7		107	39940	
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.361	3.363	-0.002	1.000	4238688	20.7		109		
15 Perfluorooctanoic acid										
413.00 > 369.00	3.361	3.364	-0.003	1.000	5131244	20.0		100	1575	
413.00 > 169.00	3.361	3.364	-0.003	1.000	2875469		1.78(0.90-1.10)	100	5162	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.614	3.682	-0.068	1.000	3308789	18.3		98.9	1017	
499.00 > 99.00	3.729	3.682	0.047	1.032	708999		4.67(0.90-1.10)	98.9	6326	
D 18 13C4 PFOS										
503.00 > 80.00	3.729	3.733	-0.004		8014518	47.8		100	14431	
D 19 13C5 PFNA										
468.00 > 423.00	3.746	3.747	-0.001		9366802	51.2		102	23161	
20 Perfluorononanoic acid										
463.00 > 419.00	3.746	3.747	-0.001	1.000	3764246	20.4		102	8977	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.064	4.065	-0.001	1.000	5458348	21.1		106	16496	
D 21 13C8 FOSA										
506.00 > 78.00	4.064	4.065	-0.001		13265834	50.3		101	20958	
D 26 M2-8:2FTS										
529.00 > 509.00	4.089	4.091	-0.002		3270587	47.0		98.2		
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.089	4.091	-0.002	1.000	1394044	20.6		107		
D 23 13C2 PFDA										
515.00 > 470.00	4.089	4.093	-0.004		7728629	49.8		99.6	19586	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.097	4.096	0.001	1.000	3049441	20.5		103	10926	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.253	4.250	0.003		4102758	49.0		98.0		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.253	4.254	-0.001	1.000	1773909	20.7		103		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.381	4.381	0.0	1.000	2128248	20.8		108		
D 30 13C2 PFUnA										
565.00 > 520.00	4.408	4.406	0.002		5874211	52.7		105	9909	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.408	4.407	0.001	1.000	2386379	20.0		99.8	5400	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.408	4.409	-0.001		4380858	54.2		108		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.418	4.415	0.003	1.002	1665492	19.7		98.3		

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	4.532	4.529	0.003		4245888	51.2		102		
35 MeFOSA										
512.00 > 169.00	4.532	4.532	0.0	1.000	1690104	20.5		102		
D 36 13C2 PFDoA										
615.00 > 570.00	4.686	4.684	0.002		5967712	52.0		104	9846	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.686	4.686	0.0	1.000	2270803	20.3		102	1877	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.700	4.698	0.002		4248479	52.1		104		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.700	4.703	-0.003	1.000	1772621	20.9		105		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.938	4.937	0.001	1.000	2266614	20.6		103	4285	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.156	5.158	-0.002		11432143	52.0		104	13505	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.156	5.158	-0.002	1.000	5106956	20.9		105	2798	
713.00 > 169.00	5.156	5.158	-0.002	1.000	680654		7.50(0.00-0.00)	105	3271	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.572	5.570	0.002	1.000	2570021	20.3		102	360	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.572	5.570	0.002		7242514	53.8		108	4652	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.926	5.928	-0.002	1.000	2667125	20.8		104	356	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L4_00005 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2017 10:06:05 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_006.d

Injection Date: 11-Jun-2017 15:19:02 Instrument ID: A8_N

Lims ID: IC L4 Full

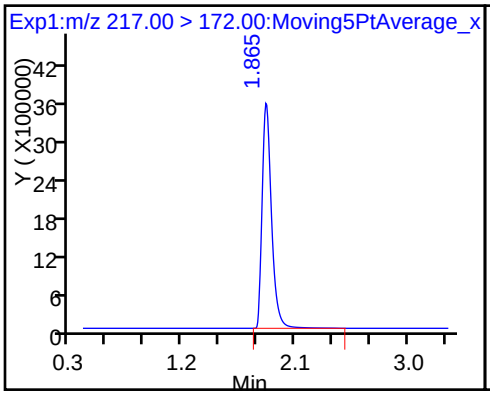
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 31 Worklist Smp#: 6

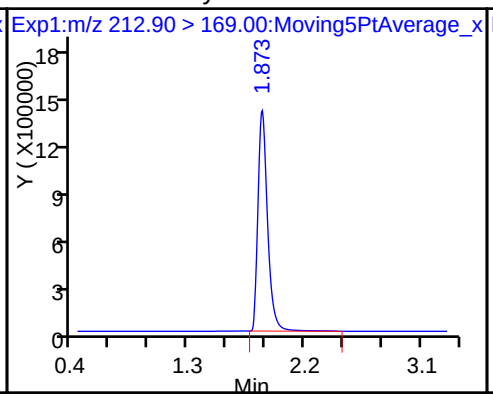
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

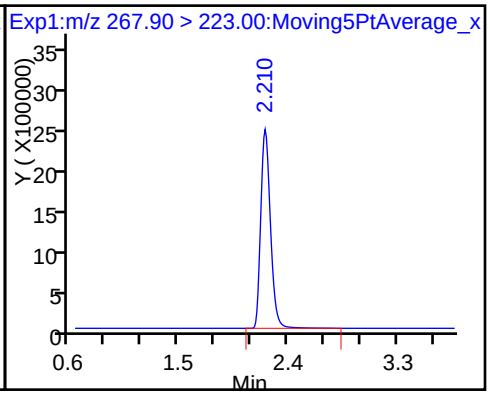
D 1 13C4 PFBA



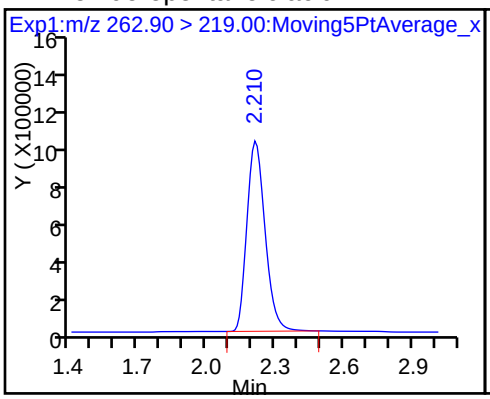
2 Perfluorobutyric acid



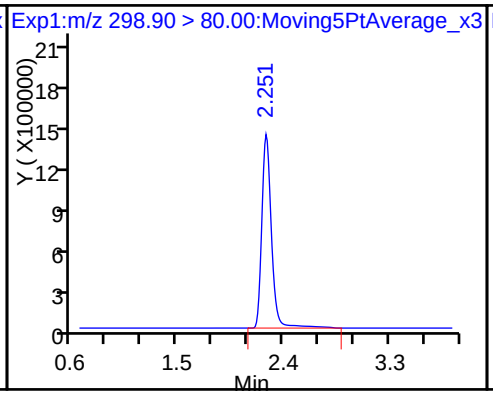
D 3 13C5-PFPeA



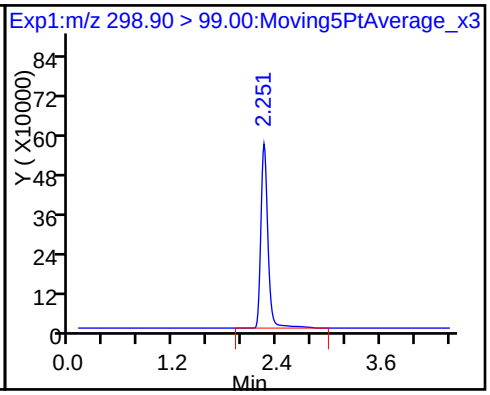
4 Perfluoropentanoic acid



5 Perfluorobutanesulfonic acid

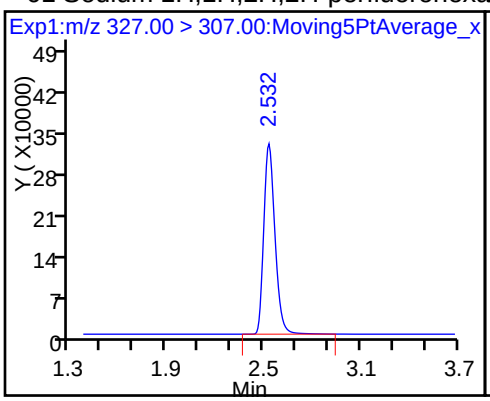


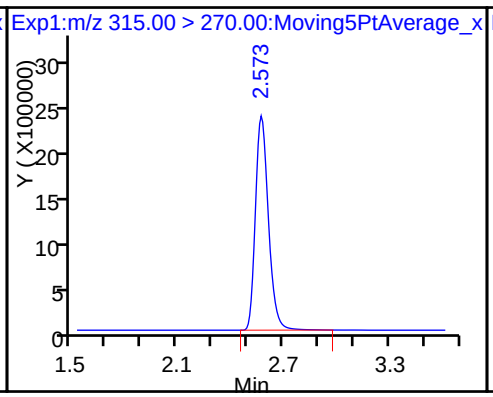
5 Perfluorobutanesulfonic acid



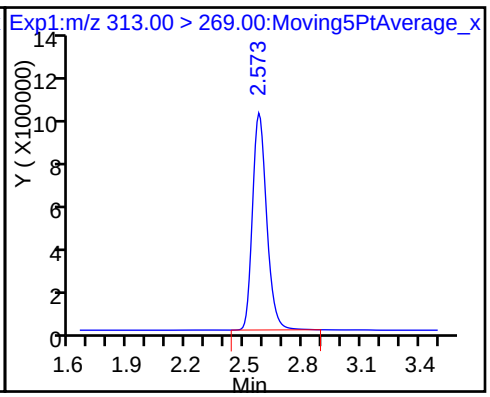
61 Sodium 1H,1H,2H,2H-perfluorohexa

D 7 13C2 PFHxA

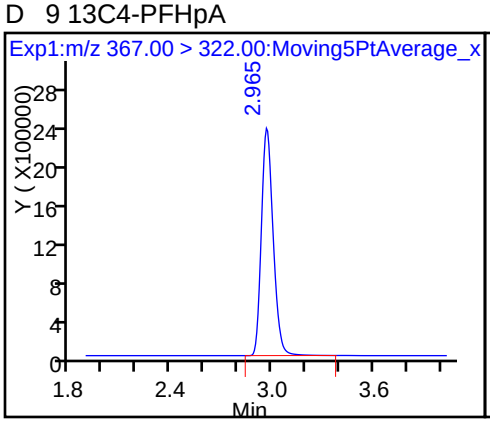




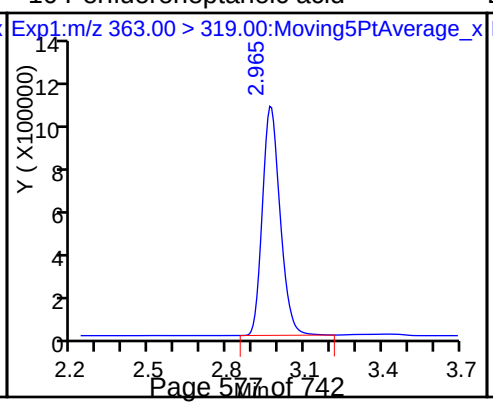
6 Perfluorohexanoic acid



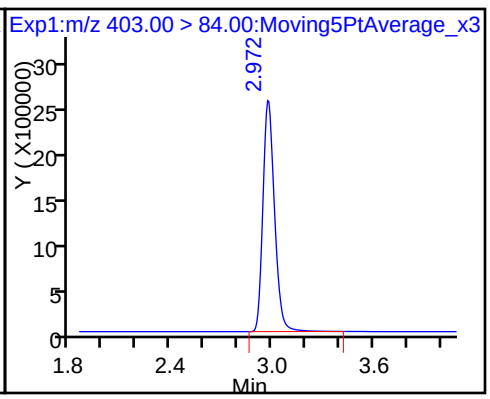
D 9 13C4-PFHpA



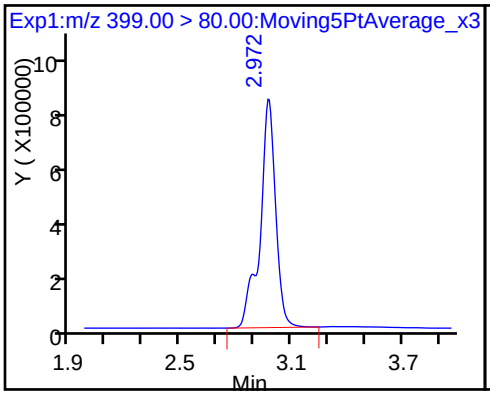
10 Perfluoroheptanoic acid



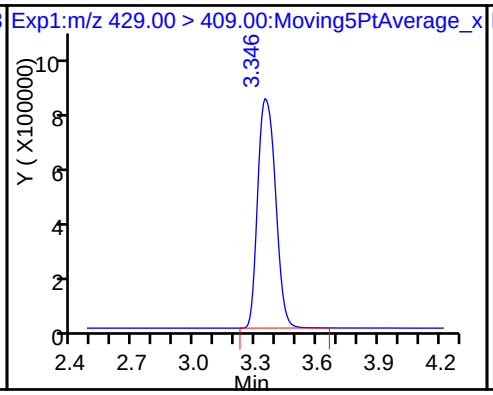
D 11 18O2 PFHxS



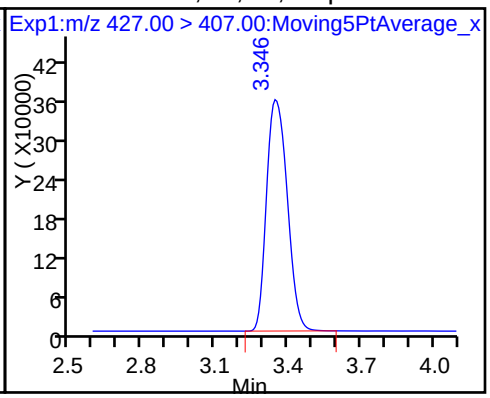
8 Perfluorohexanesulfonic acid



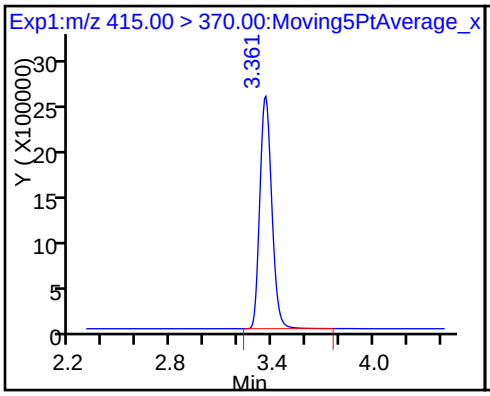
D 12 M2-6:2FTS



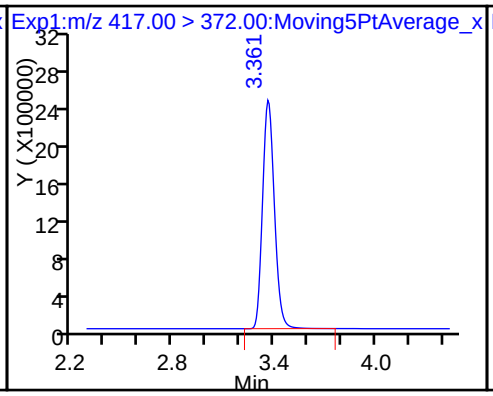
13 Sodium 1H,1H,2H,2H-perfluorooctane



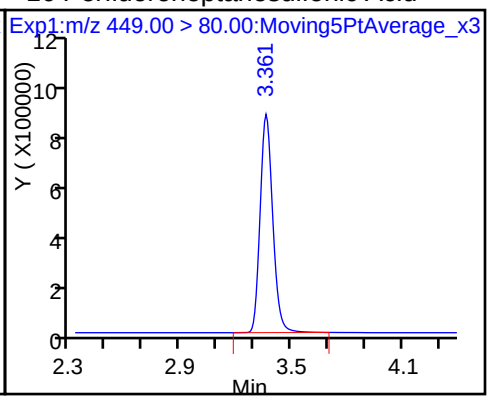
* 62 13C2-PFOA



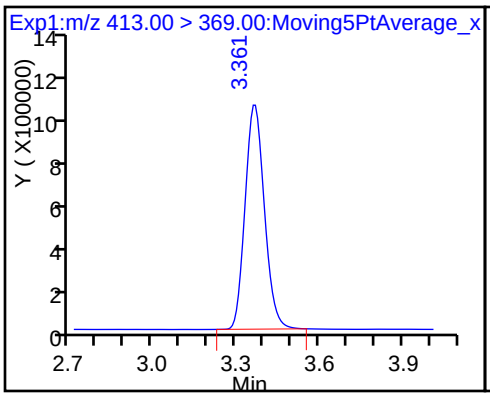
D 14 13C4 PFOA



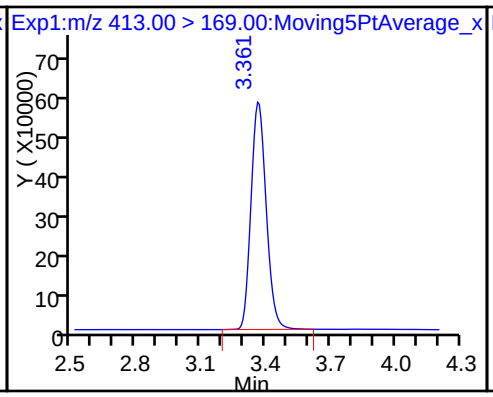
16 Perfluoroheptanesulfonic Acid



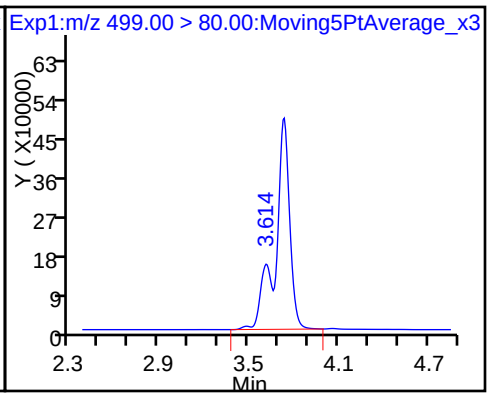
15 Perfluorooctanoic acid



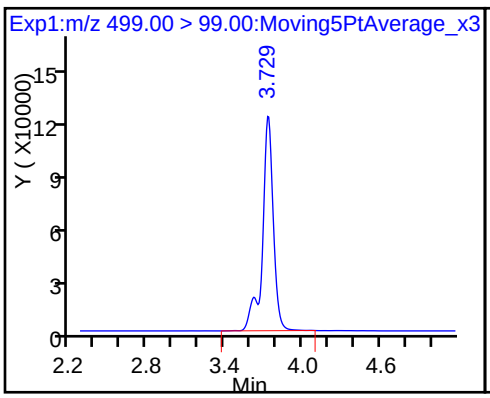
15 Perfluorooctanoic acid



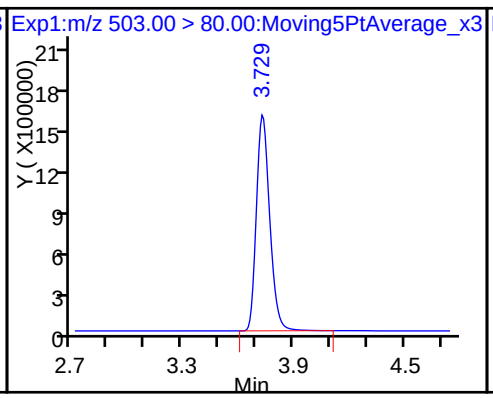
17 Perfluorooctane sulfonic acid



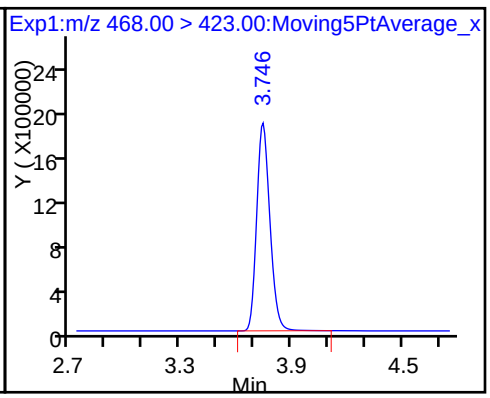
17 Perfluorooctane sulfonic acid



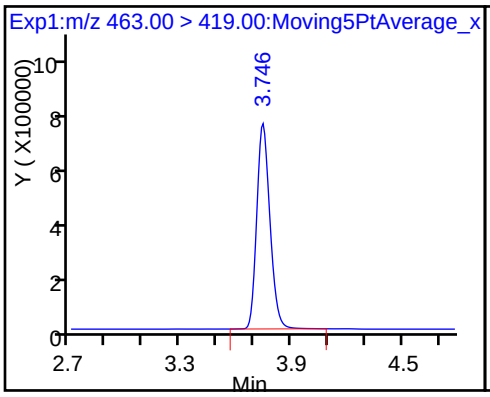
D 18 13C4 PFOS



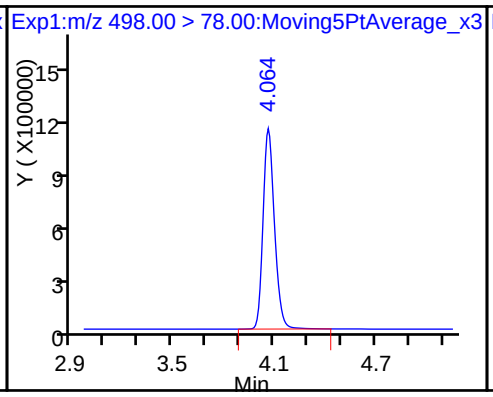
D 19 13C5 PFNA



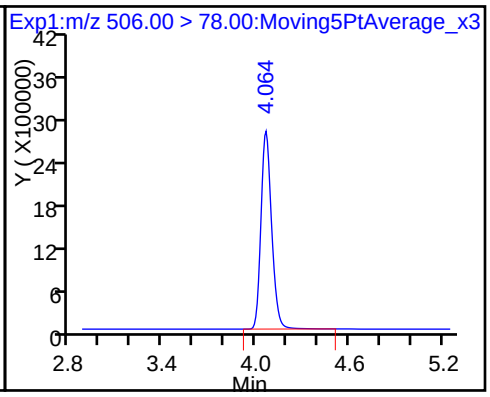
20 Perfluorononanoic acid



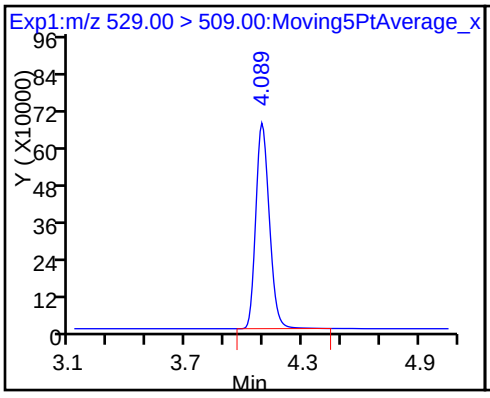
22 Perfluorooctane Sulfonamide



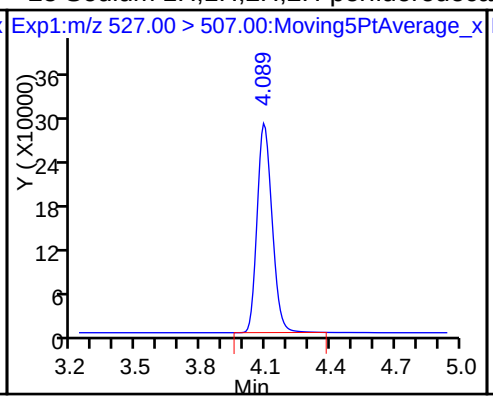
D 21 13C8 FOSA



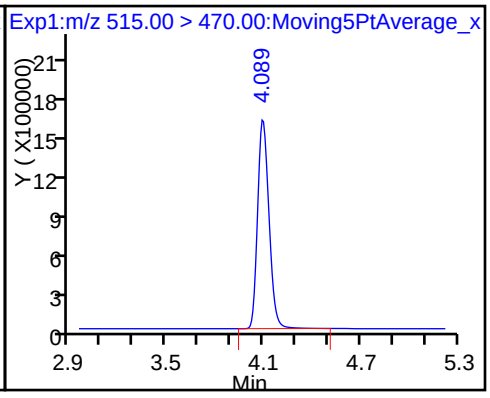
D 26 M2-8:2FTS



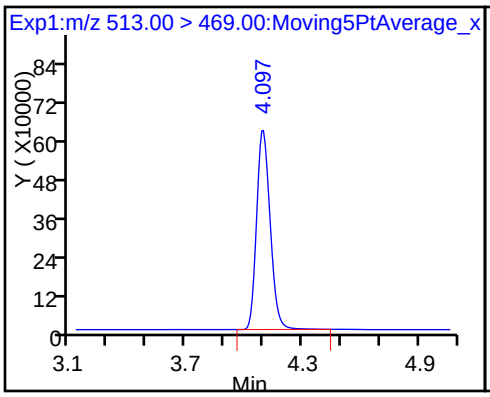
25 Sodium 1H,1H,2H,2H-perfluorodecane



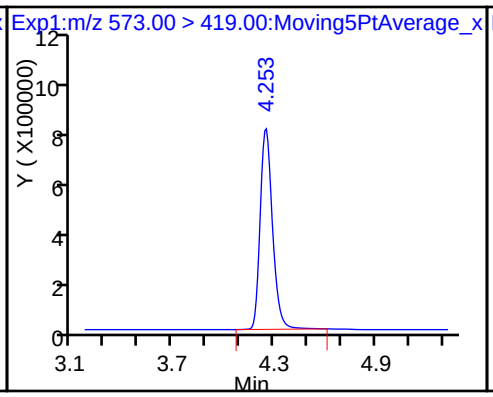
D 23 13C2 PFDA



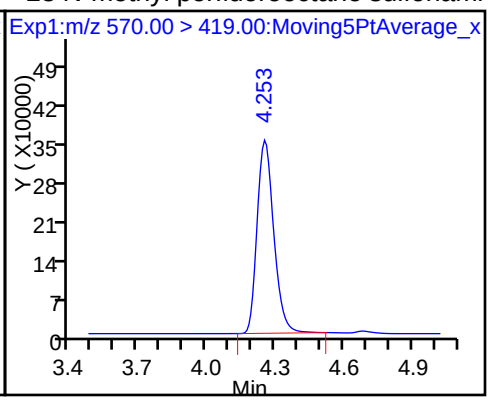
24 Perfluorodecanoic acid



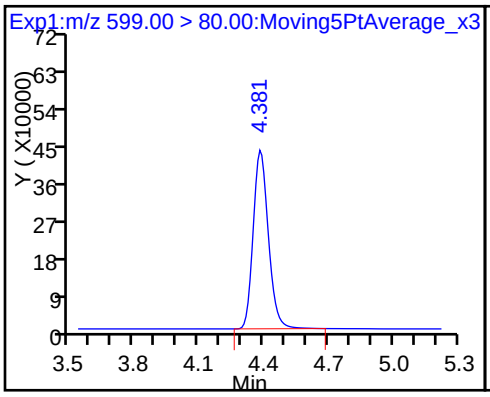
D 27 d3-NMeFOSAA



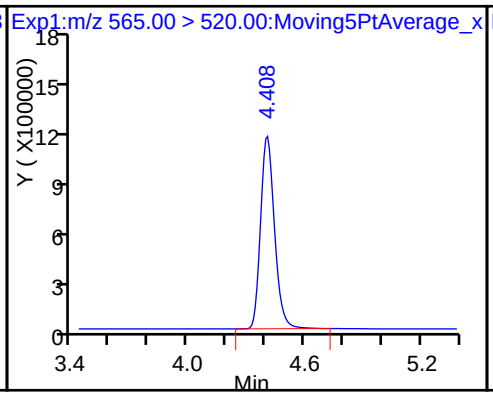
28 N-methyl perfluorooctane sulfonami



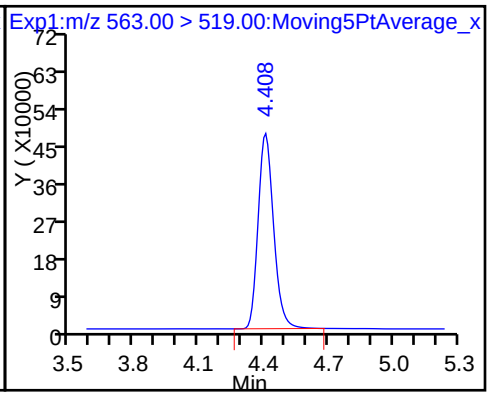
29 Perfluorodecane Sulfonic acid



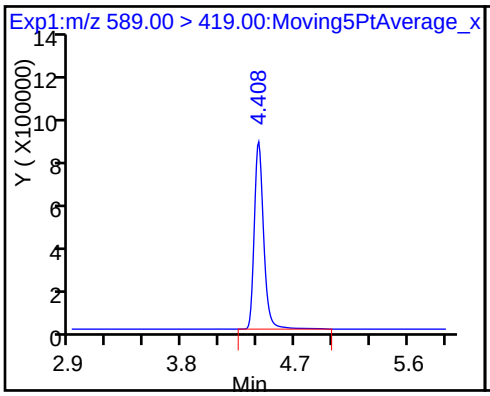
D 30 13C2 PFUnA



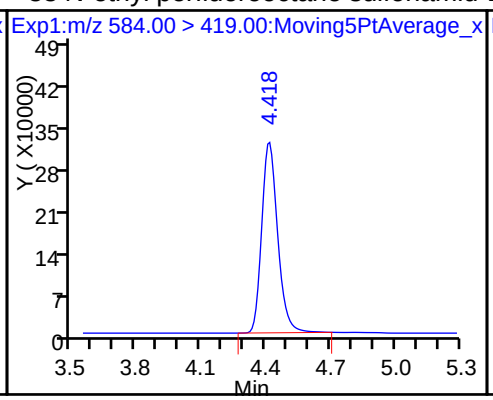
31 Perfluoroundecanoic acid



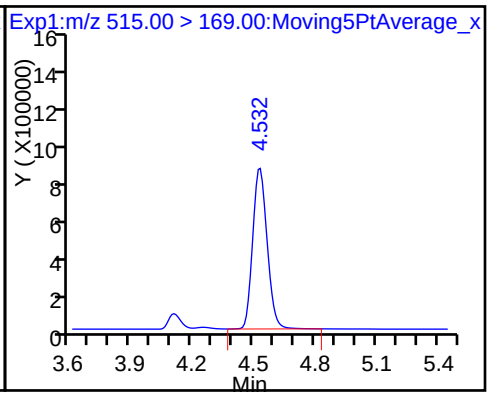
D 32 d5-NEtFOSAA



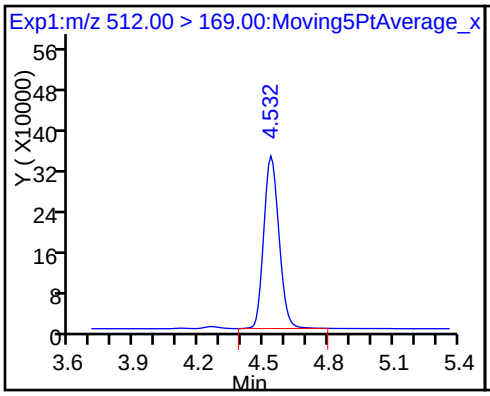
33 N-ethyl perfluorooctane sulfonamid



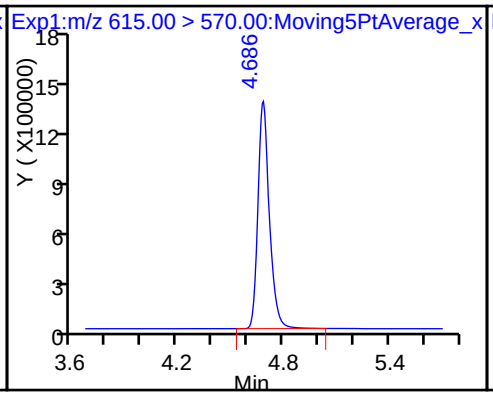
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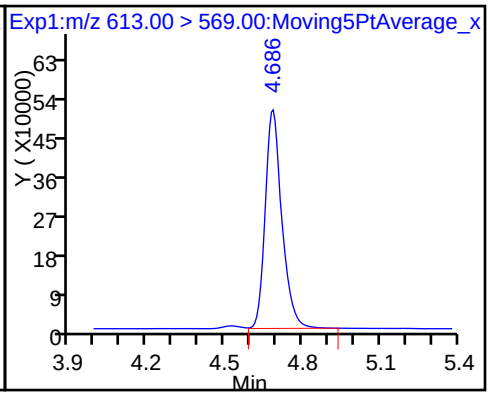
35 MeFOSA



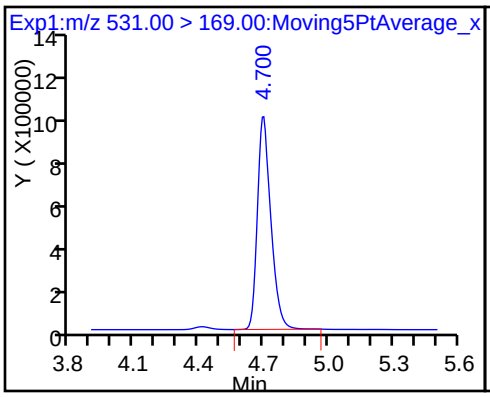
D 36 13C2 PFDoA



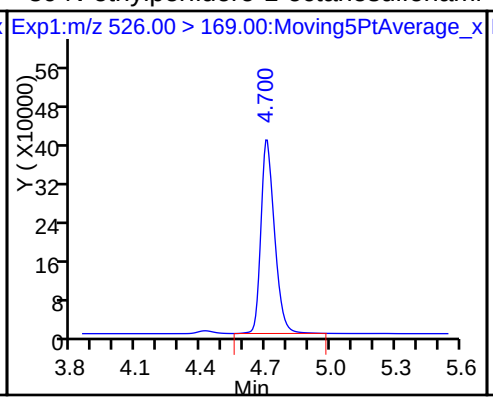
37 Perfluorododecanoic acid



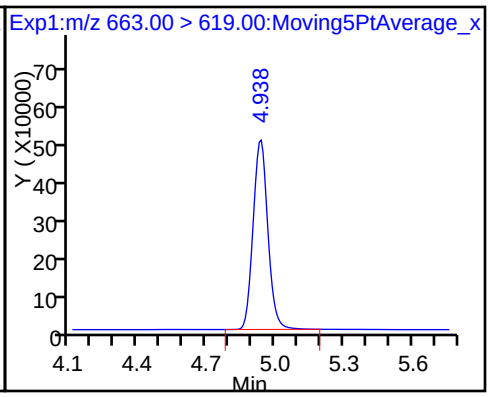
D 38 d-N-EtFOSA-M



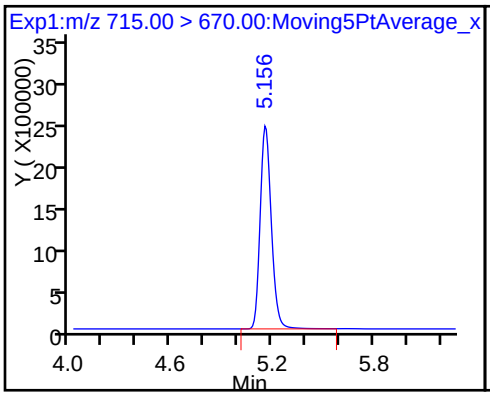
39 N-ethylperfluoro-1-octanesulfonami



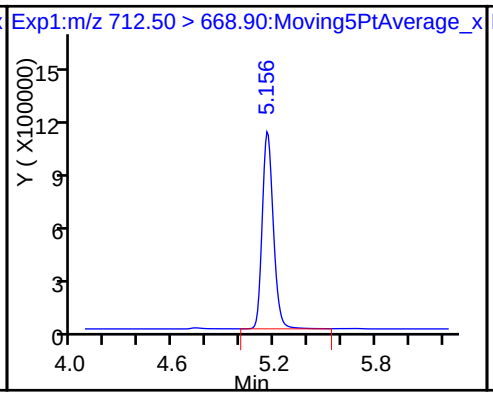
41 Perfluorotridecanoic acid



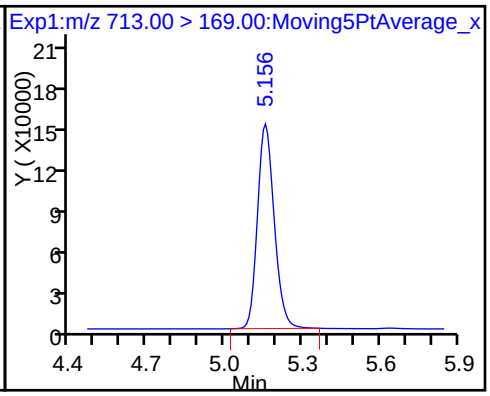
D 43 13C2-PFTeDA



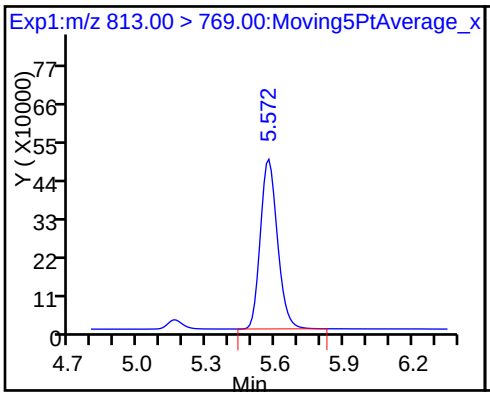
42 Perfluorotetradecanoic acid



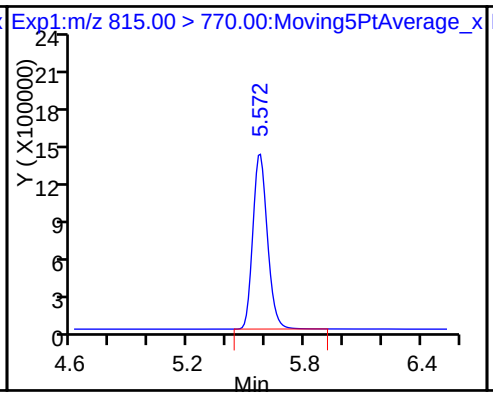
42 Perfluorotetradecanoic acid



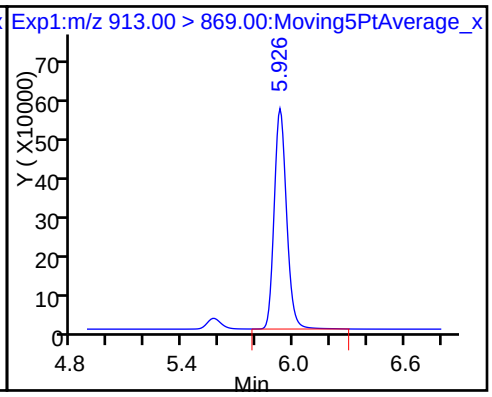
45 Perfluorohexadecanoic acid



D 44 13C2-PFHxDA



46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_007.d
Lims ID: IC L5 Full
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 11-Jun-2017 15:26:44 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\20170611-44123.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 12-Jun-2017 10:06:07 Calib Date: 11-Jun-2017 15:42:06
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_009.d

Column 1 : Det: EXP1
Process Host: XAWRK020

First Level Reviewer: chandrasenas Date: 12-Jun-2017 09:47:46

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	1.866	1.870	-0.004		17871357	48.6		97.2	196416	
2 Perfluorobutyric acid										
212.90 > 169.00	1.873	1.872	0.001	1.000	17244161	53.3		107	5301	
D 3 13C5-PFPeA										
267.90 > 223.00	2.210	2.211	-0.001		12486434	47.7		95.3	62822	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.210	2.215	-0.005	1.000	13594631	52.3		105	6482	
D 47 13C3-PFBS										
301.90 > 83.00	2.251	2.250	0.001		279435	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.251	2.255	-0.004	1.000	19290368	48.3		109		
298.90 > 99.00	2.251	2.255	-0.004	1.000	8071783		2.39(0.00-0.00)	109		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.532	2.534	-0.002	1.000	3847021	41.0		87.8		
D 7 13C2 PFHxA										
315.00 > 270.00	2.573	2.575	-0.002		11646571	47.8		95.7	39235	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.573	2.576	-0.003	1.000	12299562	52.5		105	24448	
D 9 13C4-PFHpA										
367.00 > 322.00	2.968	2.967	0.001		10694301	48.2		96.4	40379	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.975	2.969	0.006	1.000	11758940	52.1		104	4573	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.982	2.978	0.004	1.000	11397178	44.6		98.0		
D 11 18O2 PFHxS										
403.00 > 84.00	2.982	2.978	0.004		10902686	44.8		94.8	23377	

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	3.349	3.344	0.005		4987532	51.4		108		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.349	3.345	0.004	1.000	4927100	49.4		104		
* 62 13C2-PFOA										
415.00 > 370.00	3.364	3.361	0.003		11522460	50.0				
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.364	3.363	0.001	1.000	9817120	50.4		106		
D 14 13C4 PFOA										
417.00 > 372.00	3.364	3.363	0.001		11134513	50.0		100.0	42126	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.372	3.364	0.008	1.000	11904214	49.9		99.8	3332	
413.00 > 169.00	3.372	3.364	0.008	1.000	6819702		1.75(0.90-1.10)	99.8	10479	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.620	3.682	-0.062	1.000	7973130	46.4		100	1038	
499.00 > 99.00	3.735	3.682	0.053	1.032	1722815		4.63(0.90-1.10)	100	7227	
D 18 13C4 PFOS										
503.00 > 80.00	3.735	3.733	0.002		7631051	45.5		95.2	14794	
20 Perfluorononanoic acid										
463.00 > 419.00	3.752	3.747	0.005	1.000	8843456	51.0		102	11861	
D 19 13C5 PFNA										
468.00 > 423.00	3.752	3.747	0.005		8801030	48.1		96.3	21055	
D 21 13C8 FOSA										
506.00 > 78.00	4.070	4.065	0.005		12668562	48.1		96.1	13705	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.070	4.065	0.005	1.000	13008143	52.7		105	16679	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.095	4.091	0.004	1.000	3234510	49.9		104		
D 26 M2-8:2FTS										
529.00 > 509.00	4.095	4.091	0.004		3128235	45.0		93.9		
D 23 13C2 PFDA										
515.00 > 470.00	4.095	4.093	0.002		7316612	47.1		94.3	20939	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.095	4.096	-0.001	1.000	7200373	51.2		102	15338	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.253	4.250	0.003		4094368	48.9		97.8		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.253	4.254	-0.001	1.000	4311885	50.3		101		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.382	4.381	0.001	1.000	5008871	51.5		107		
D 30 13C2 PFUnA										
565.00 > 520.00	4.410	4.406	0.004		5225572	46.9		93.7	8237	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.410	4.407	0.003	1.000	5280545	49.8		99.7	8834	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.410	4.409	0.001		3914795	48.5		96.9		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.419	4.415	0.004	1.002	3695944	48.8		97.6		

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	4.533	4.529	0.004		4136432	49.9		99.8		
35 MeFOSA										
512.00 > 169.00	4.533	4.532	0.001	1.000	4145809	51.5		103		
D 36 13C2 PFDoA										
615.00 > 570.00	4.687	4.684	0.003		5529716	48.2		96.4	8972	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.687	4.686	0.001	1.000	5231541	50.5		101	3839	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.701	4.698	0.003		4105289	50.3		101		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.708	4.703	0.005	1.000	4160468	50.9		102		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.939	4.937	0.002	1.000	5248007	51.4		103	6251	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.159	5.158	0.001	1.000	11637018	51.6		103	5510	
713.00 > 169.00	5.159	5.158	0.001	1.000	1562209		7.45(0.00-0.00)	103	6020	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.159	5.158	0.001		10546776	48.0		96.0	12665	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.575	5.570	0.005		6584682	48.9		97.8	3963	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.575	5.570	0.005	1.000	5797255	50.7		101	767	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.927	5.928	-0.001	1.000	6232449	52.4		105	772	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L5_00005 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2017 10:06:08 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_007.d

Injection Date: 11-Jun-2017 15:26:44 Instrument ID: A8_N

Lims ID: IC L5 Full

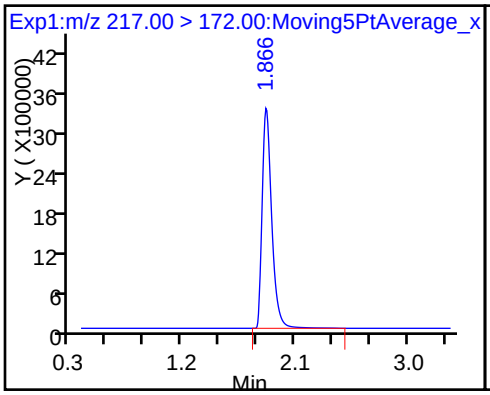
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 32 Worklist Smp#: 7

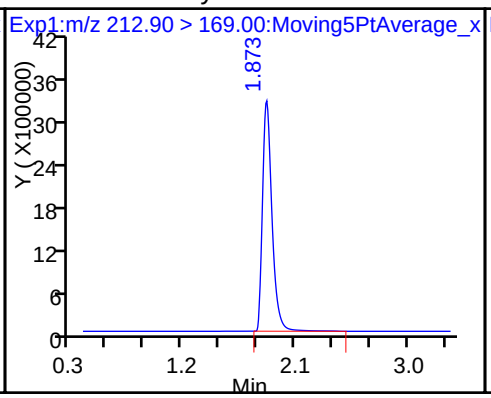
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

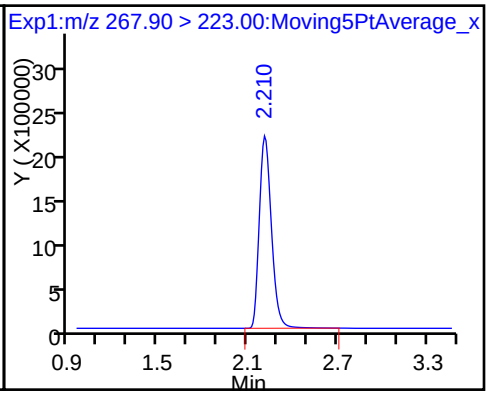
D 1 13C4 PFBA



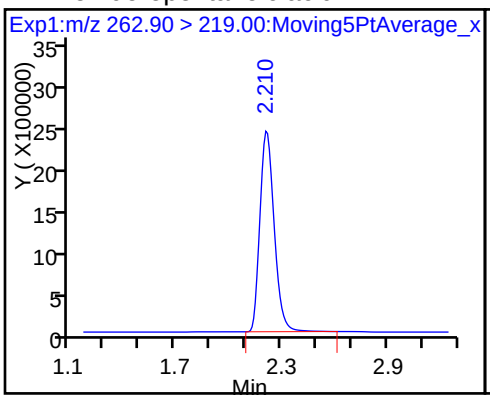
2 Perfluorobutyric acid



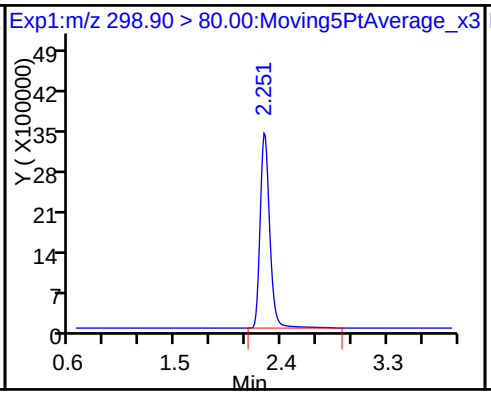
D 3 13C5-PFPeA



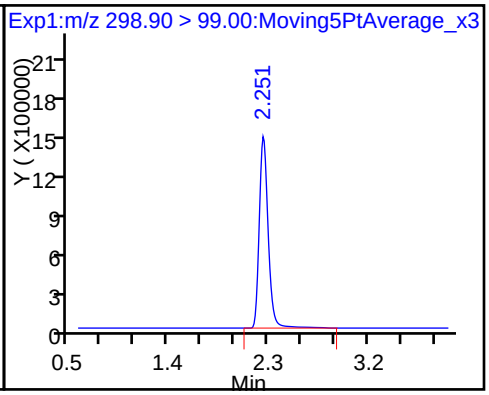
4 Perfluoropentanoic acid



5 Perfluorobutanesulfonic acid

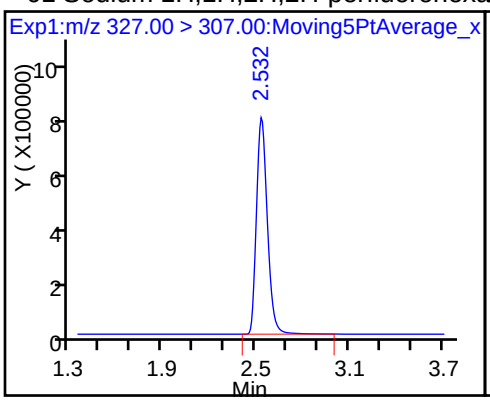


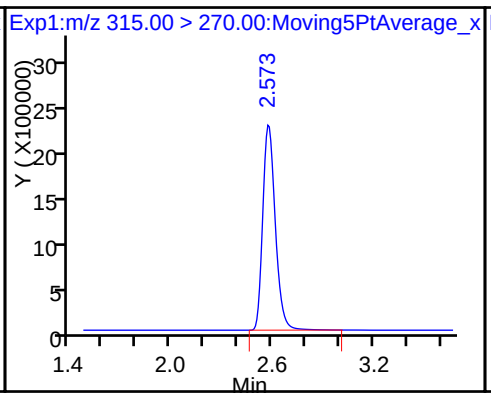
5 Perfluorobutanesulfonic acid



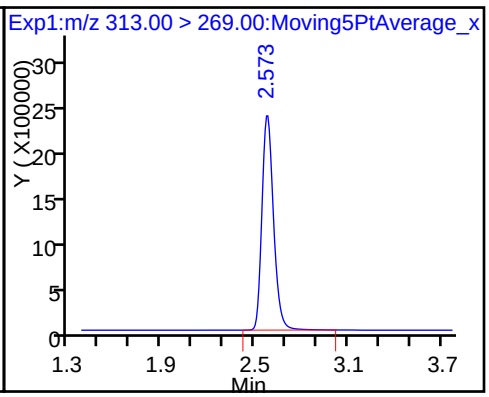
61 Sodium 1H,1H,2H,2H-perfluorohexa

D 7 13C2 PFHxA

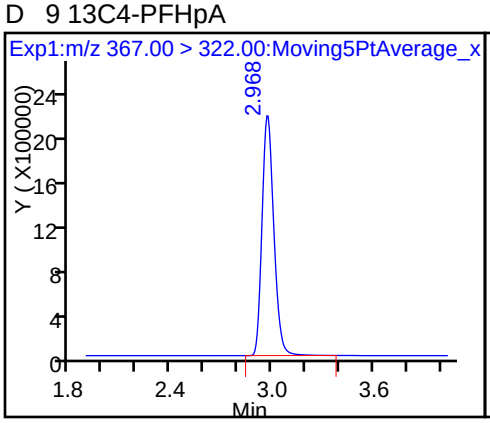




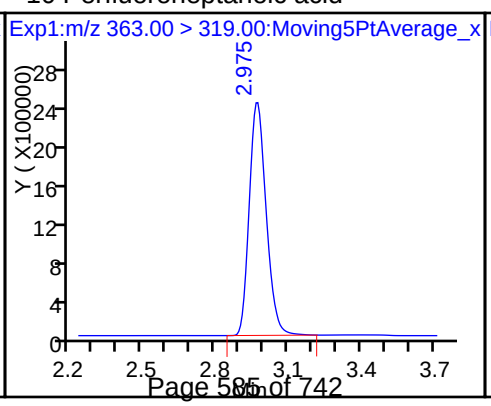
6 Perfluorohexanoic acid



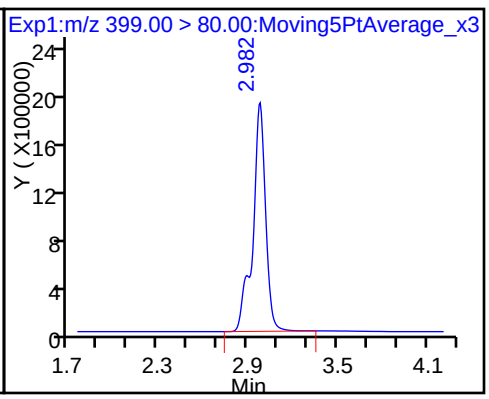
D 9 13C4-PFHpA



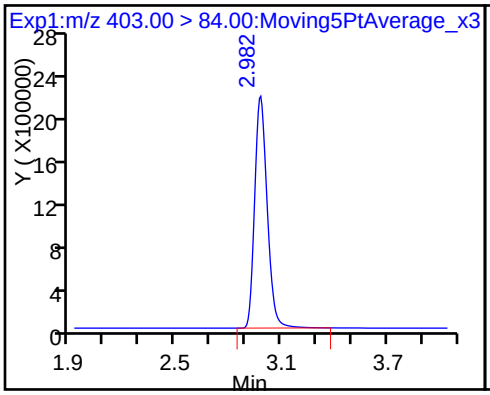
10 Perfluoroheptanoic acid



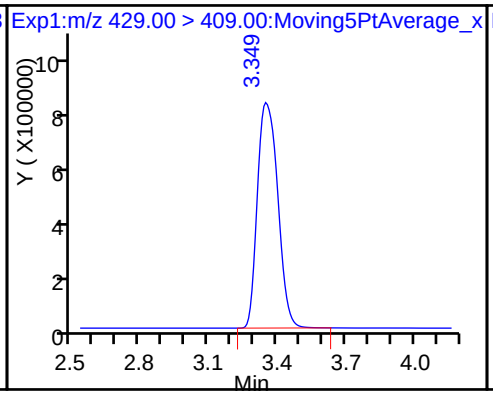
8 Perfluorohexanesulfonic acid



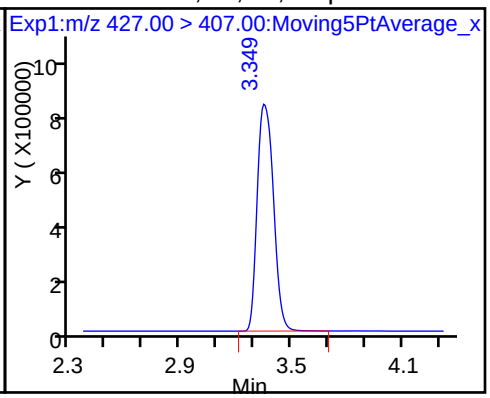
D 11 18O2 PFHxS



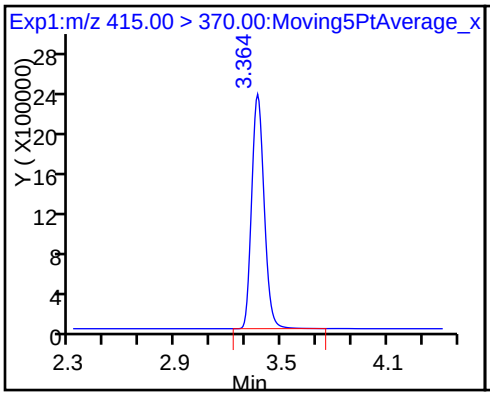
D 12 M2-6:2FTS



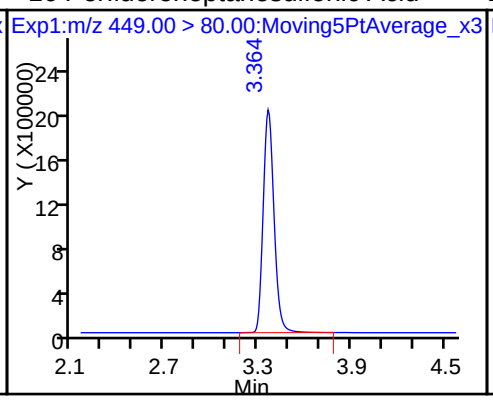
13 Sodium 1H,1H,2H,2H-perfluorooctane



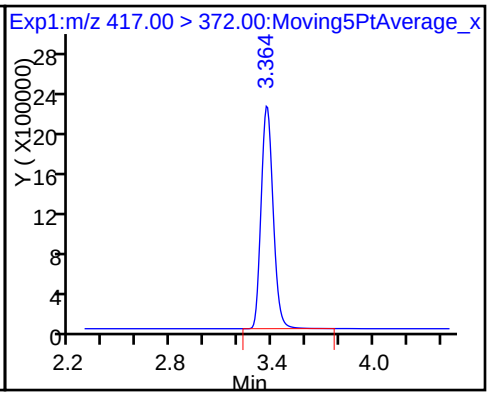
* 62 13C2-PFOA



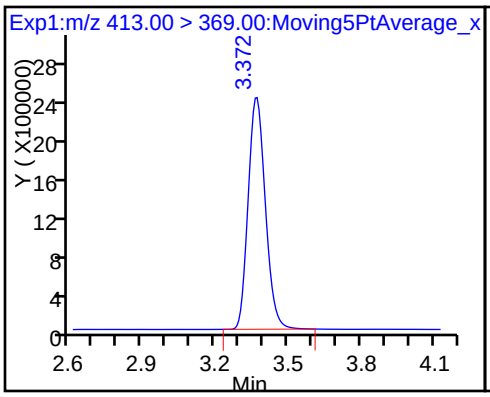
16 Perfluoroheptanesulfonic Acid



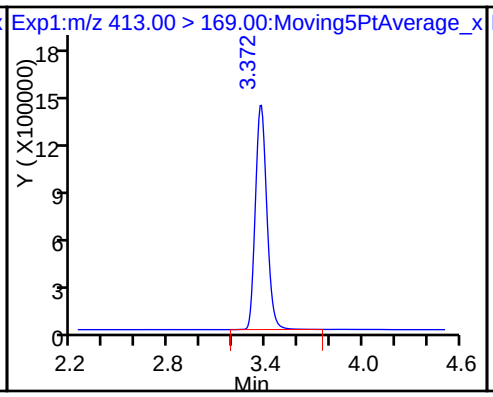
D 14 13C4 PFOA



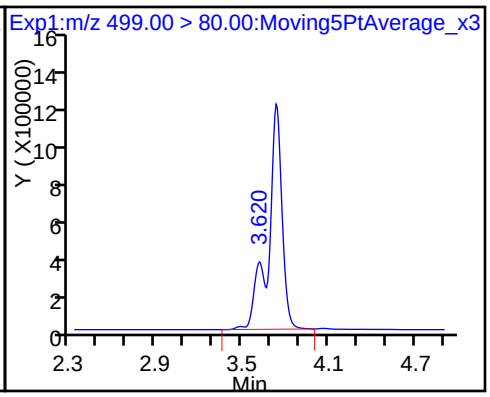
15 Perfluorooctanoic acid



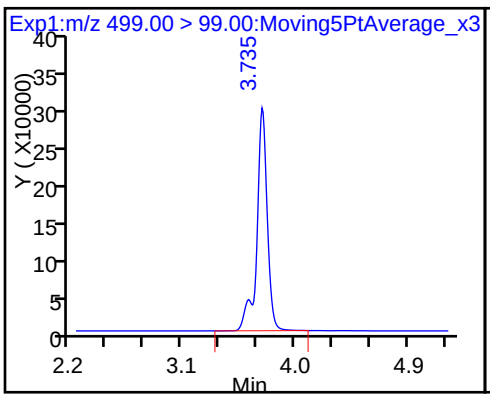
15 Perfluorooctanoic acid



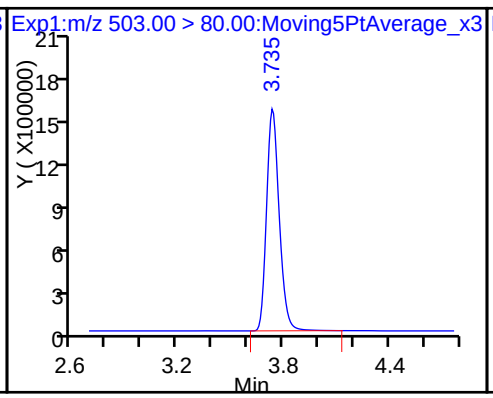
17 Perfluorooctane sulfonic acid



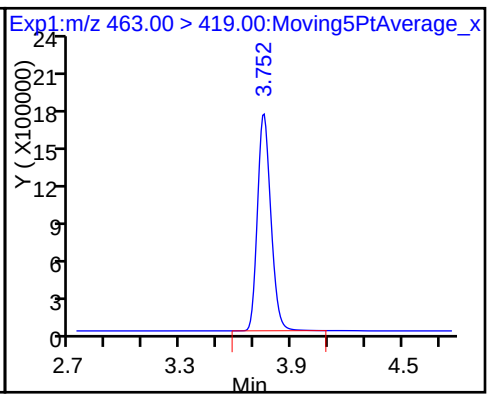
17 Perfluorooctane sulfonic acid



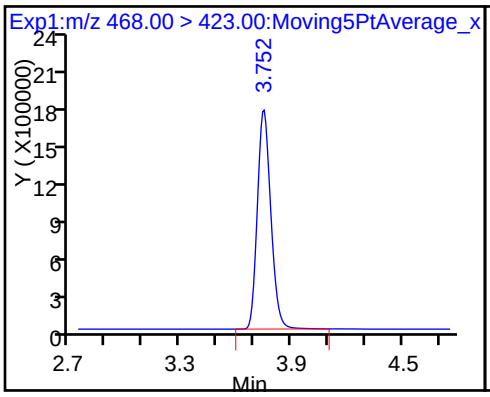
D 18 13C4 PFOS



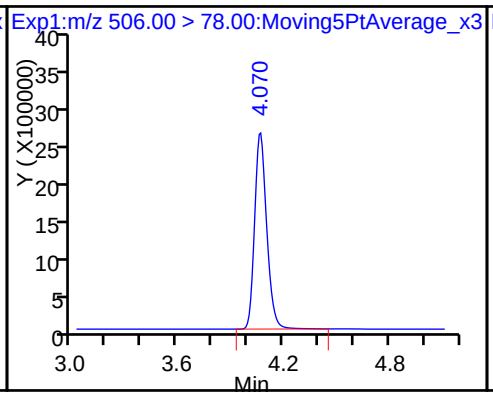
20 Perfluorononanoic acid



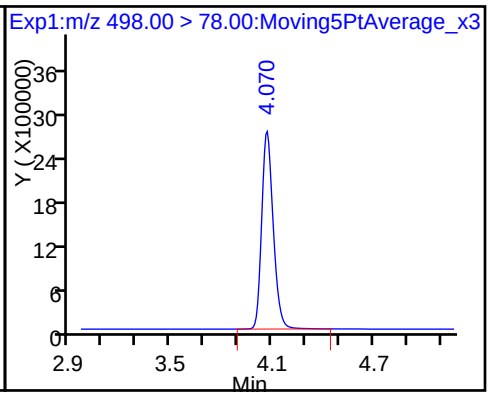
D 19 13C5 PFNA



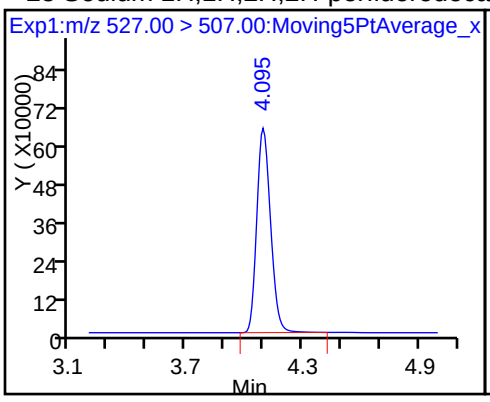
D 21 13C8 FOSA



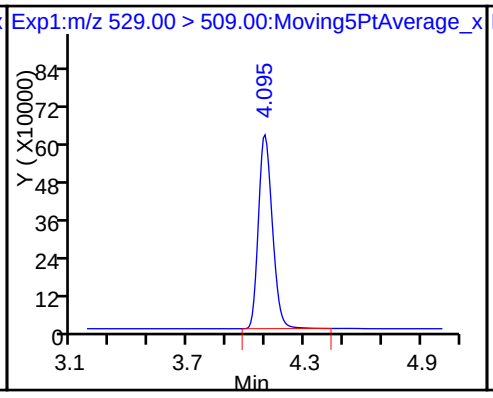
22 Perfluorooctane Sulfonamide



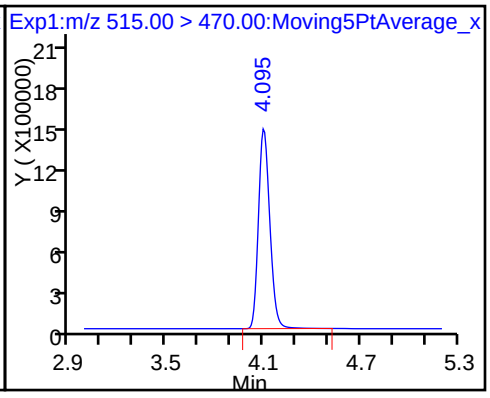
25 Sodium 1H,1H,2H,2H-perfluorodecane



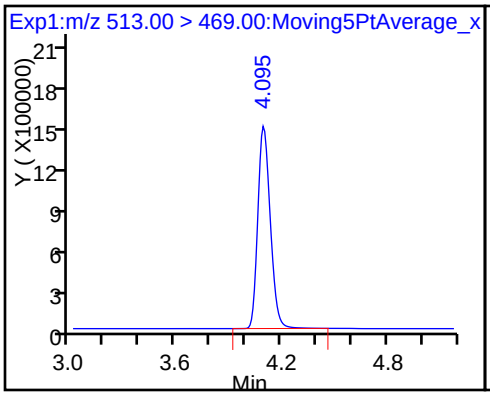
D 26 M2-8:2FTS



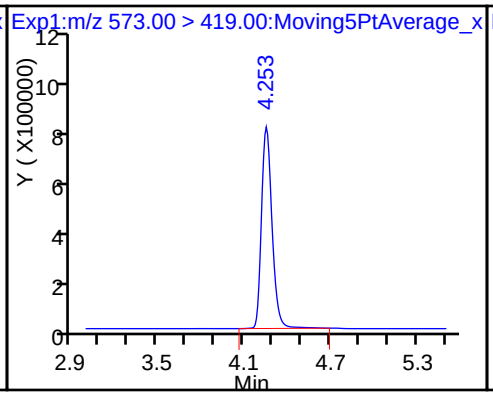
D 23 13C2 PFDA



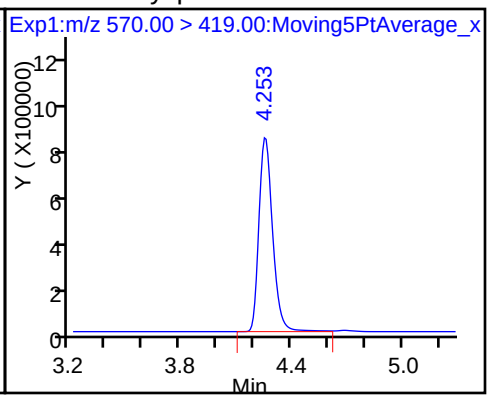
24 Perfluorodecanoic acid



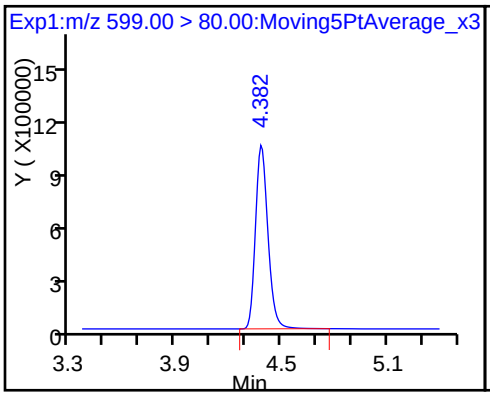
D 27 d3-NMeFOSAA



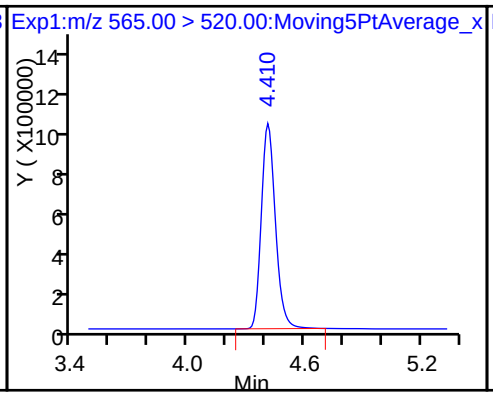
28 N-methyl perfluorooctane sulfonami



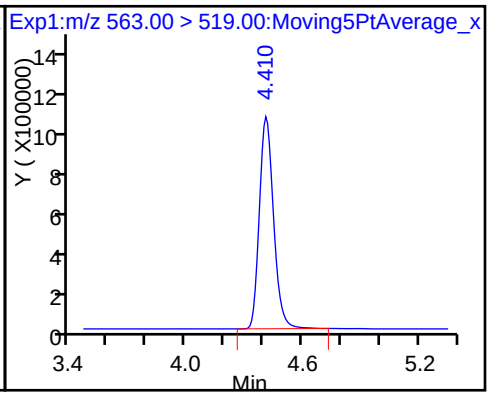
29 Perfluorodecane Sulfonic acid



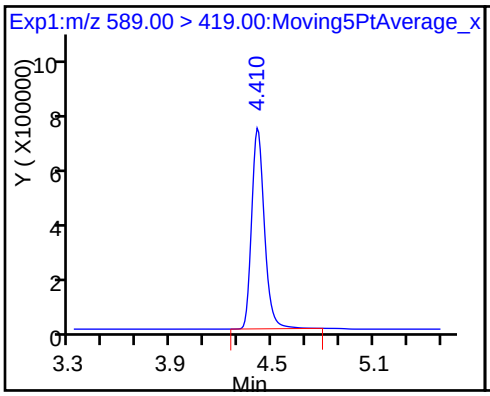
D 30 13C2 PFUnA



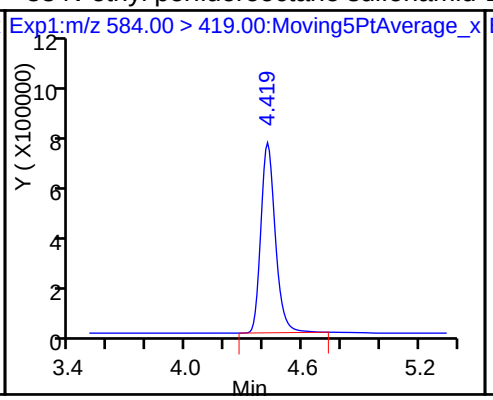
31 Perfluoroundecanoic acid



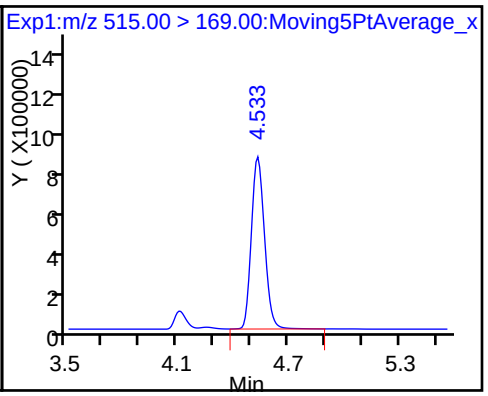
D 32 d5-NEtFOSAA



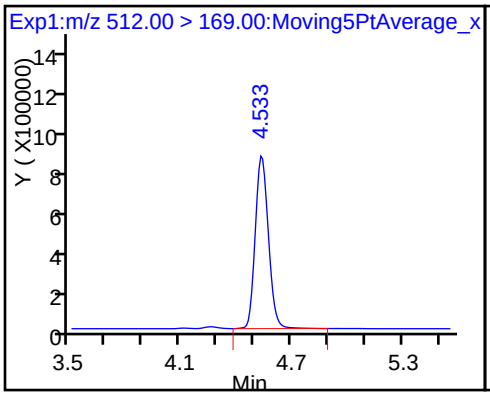
33 N-ethyl perfluorooctane sulfonamid



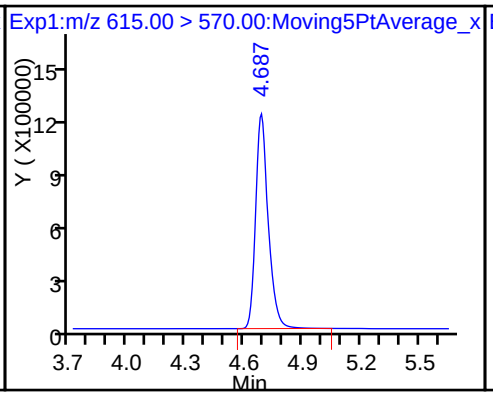
D 34 d-N-MeFOSA-M



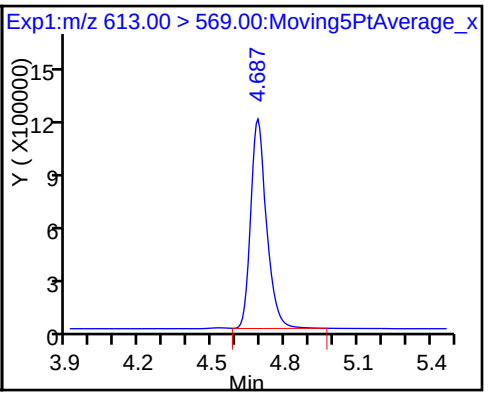
35 MeFOSA



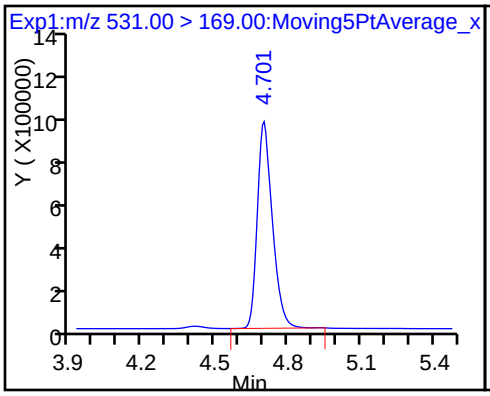
D 36 13C2 PFDoA



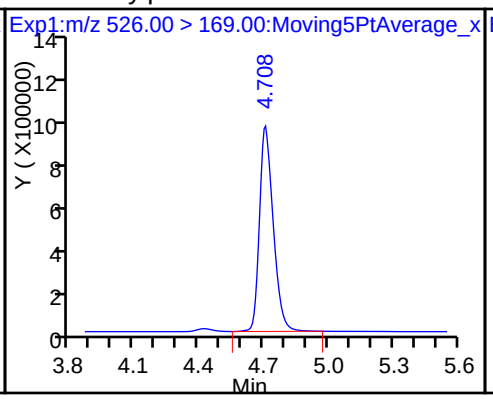
37 Perfluorododecanoic acid



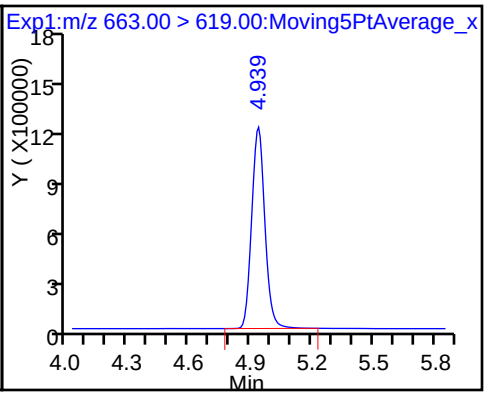
D 38 d-N-EtFOSA-M



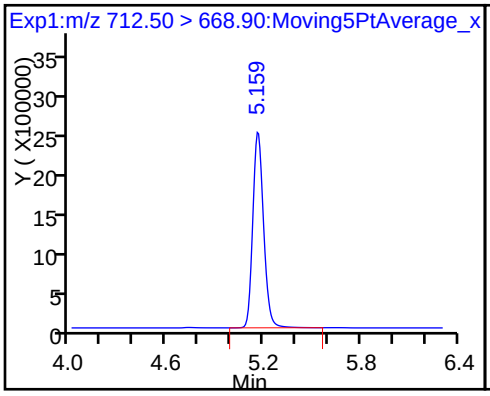
39 N-ethylperfluoro-1-octanesulfonami



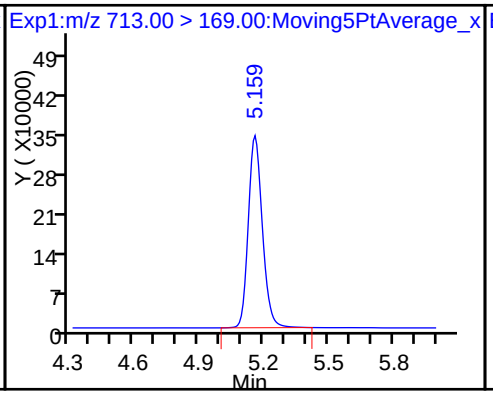
41 Perfluorotridecanoic acid



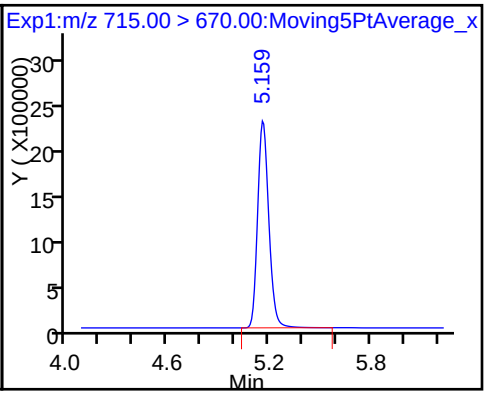
42 Perfluorotetradecanoic acid



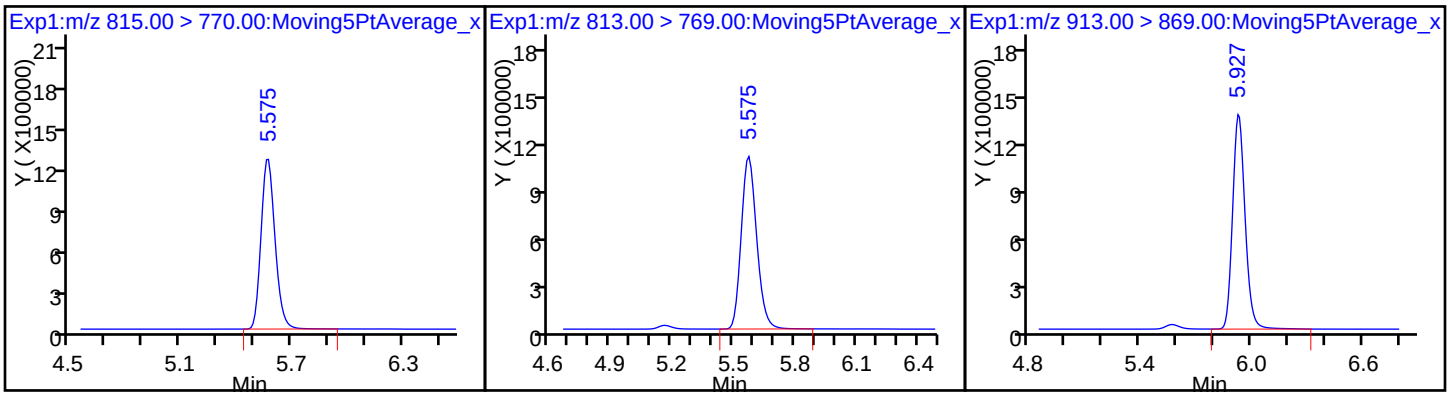
42 Perfluorotetradecanoic acid



D 43 13C2-PFTeDA



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_008.d
Lims ID: IC L6 Full
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 11-Jun-2017 15:34:25 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\20170611-44123.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 12-Jun-2017 10:06:10 Calib Date: 11-Jun-2017 15:42:06
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_009.d

Column 1 : Det: EXP1
Process Host: XAWRK020

First Level Reviewer: chandrasenas Date: 12-Jun-2017 09:48:35

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	1.873	1.870	0.003		17602733	47.9		95.7	181387	
2 Perfluorobutyric acid										
212.90 > 169.00	1.873	1.872	0.001	1.000	31736682	99.6		99.6	9437	
D 3 13C5-PFPeA										
267.90 > 223.00	2.210	2.211	-0.001		12493512	47.7		95.4	271612	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.220	2.215	0.005	1.000	25786464	99.2		99.2	23918	
D 47 13C3-PFBS										
301.90 > 83.00	2.251	2.250	0.001		293309	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.261	2.255	0.006	1.000	35075147	86.8		98.2		
298.90 > 99.00	2.261	2.255	0.006	1.000	15535083		2.26(0.00-0.00)	98.2		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.534	2.534	0.0	1.000	7813827	104.5		112		
D 7 13C2 PFHxA										
315.00 > 270.00	2.575	2.575	0.0		11588053	47.6		95.2	41813	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.584	2.576	0.008	1.000	23109951	99.1		99.1	29470	
D 9 13C4-PFHpA										
367.00 > 322.00	2.968	2.967	0.001		10299714	46.4		92.8	40975	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.975	2.969	0.006	1.000	22192756	102.1		102	7937	
D 11 18O2 PFHxS										
403.00 > 84.00	2.982	2.978	0.004		11034776	45.4		96.0	25801	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.982	2.978	0.004	1.000	22795851	88.1		96.8		

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	3.342	3.344	-0.002		3972360	41.0		86.2		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.342	3.345	-0.003	1.000	7403432	93.4		98.5		
* 62 13C2-PFOA										
415.00 > 370.00	3.358	3.361	-0.003		10261971	50.0				
D 14 13C4 PFOA										
417.00 > 372.00	3.365	3.363	0.002		10065452	45.2		90.4	43890	
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.365	3.363	0.002	1.000	18760920	95.1		99.9		
15 Perfluorooctanoic acid										
413.00 > 369.00	3.365	3.364	0.001	1.000	21289438	98.7		98.7	5294	
413.00 > 169.00	3.365	3.364	0.001	1.000	12681046		1.68(0.90-1.10)	98.7	13376	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.695	3.682	0.013	1.000	16382941	94.2		101	1809	
499.00 > 99.00	3.737	3.682	0.055	1.011	3493202		4.69(0.90-1.10)	101	9279	
D 18 13C4 PFOS										
503.00 > 80.00	3.737	3.733	0.004		7732510	46.1		96.5	15713	
D 19 13C5 PFNA										
468.00 > 423.00	3.745	3.747	-0.002		8472512	46.4		92.7	14233	
20 Perfluorononanoic acid										
463.00 > 419.00	3.745	3.747	-0.002	1.000	16921718	101.4		101	17175	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.065	4.065	0.0	1.000	24442094	98.6		98.6	32946	
D 21 13C8 FOSA										
506.00 > 78.00	4.065	4.065	0.0		12727101	48.3		96.6	14328	
D 26 M2-8:2FTS										
529.00 > 509.00	4.090	4.091	-0.001		3408734	49.0		102		
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.090	4.091	-0.001	1.000	6575437	93.1		97.2		
D 23 13C2 PFDA										
515.00 > 470.00	4.090	4.093	-0.003		7391848	47.6		95.3	14508	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.099	4.096	0.003	1.000	14367152	101.1		101	27096	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.247	4.250	-0.003		4136623	49.4		98.8		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.256	4.254	0.002	1.002	8498801	98.2		98.2		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.377	4.381	-0.004	1.000	9585403	97.3		101		
D 30 13C2 PFUnA										
565.00 > 520.00	4.405	4.406	-0.001		5034842	45.1		90.3	11991	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.405	4.407	-0.002	1.000	10227953	100.3		100	9237	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.405	4.409	-0.004		3607950	44.7		89.3		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.414	4.415	-0.001	1.002	7141608	102.3		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	4.528	4.529	-0.001		4196580	50.6		101		
35 MeFOSA										
512.00 > 169.00	4.537	4.532	0.005	1.000	8441021	103.4		103		
D 36 13C2 PFDoA										
615.00 > 570.00	4.685	4.684	0.001		5361530	46.7		93.5	6530	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.685	4.686	-0.001	1.000	10196222	101.5		102	9076	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.699	4.698	0.001		3980916	48.8		97.6		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.706	4.703	0.003	1.000	8360836	105.4		105		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.938	4.937	0.001	1.000	9877542	99.8		99.8	9565	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.159	5.158	0.001		10380954	47.2		94.5	11724	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.159	5.158	0.001	1.000	22047063	100.8		101	7722	
713.00 > 169.00	5.159	5.158	0.001	1.000	3112372		7.08(0.00-0.00)	101	9121	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.564	5.570	-0.006	1.000	11233401	102.2		102	1291	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.564	5.570	-0.006		6568626	48.8		97.6	4111	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.927	5.928	-0.001	1.000	11838916	102.7		103	1375	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L6_00005 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2017 10:06:11 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_008.d

Injection Date: 11-Jun-2017 15:34:25 Instrument ID: A8_N

Lims ID: IC L6 Full

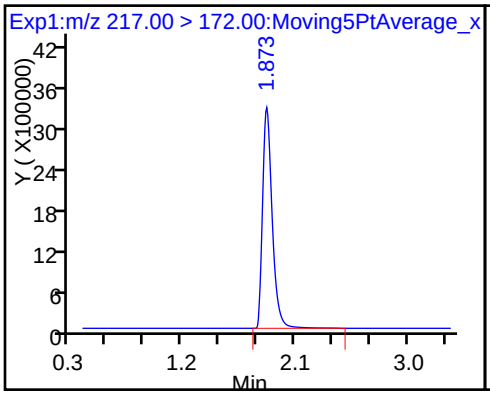
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 33 Worklist Smp#: 8

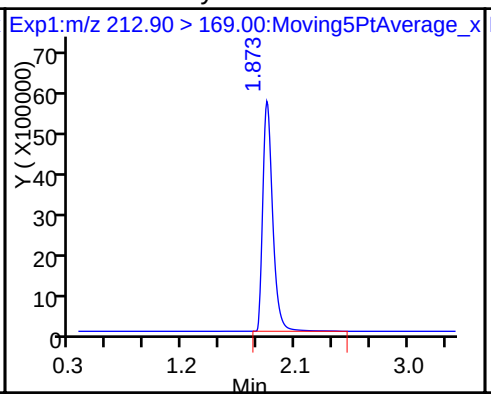
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

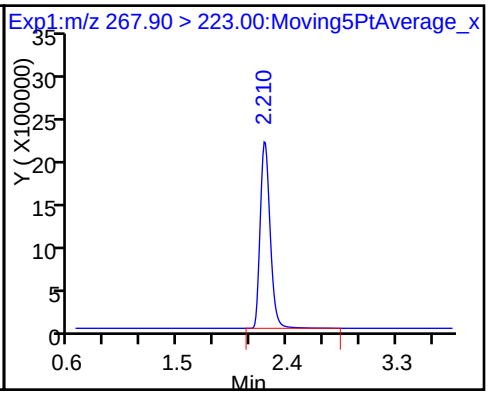
D 1 13C4 PFBA



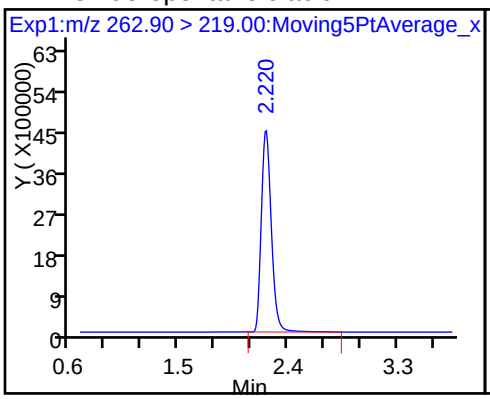
2 Perfluorobutyric acid



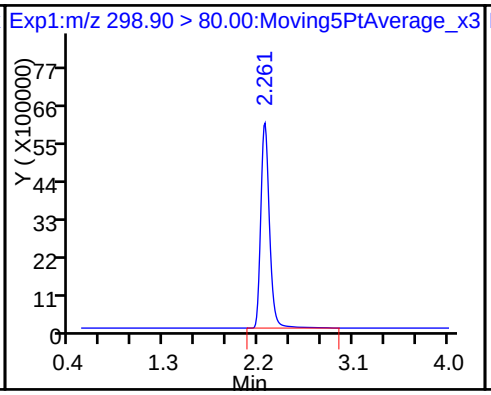
D 3 13C5-PFPeA



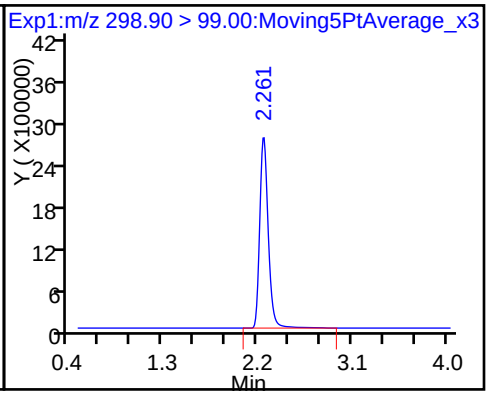
4 Perfluoropentanoic acid



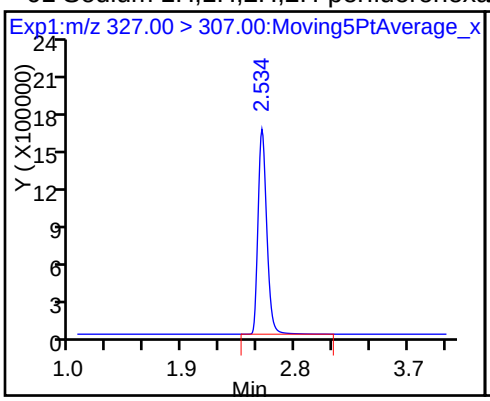
5 Perfluorobutanesulfonic acid



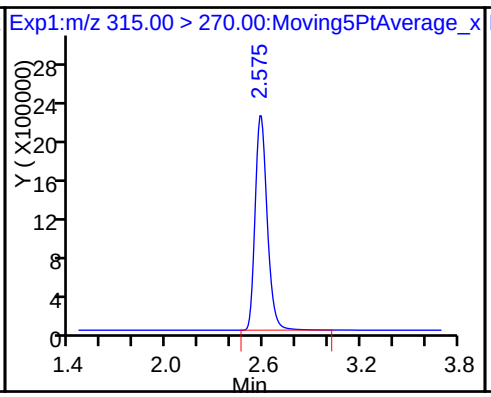
5 Perfluorobutanesulfonic acid



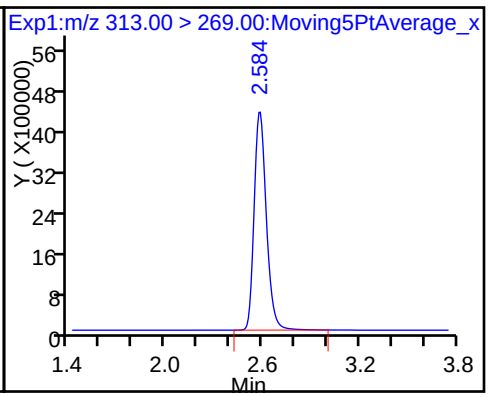
61 Sodium 1H,1H,2H,2H-perfluorohexa



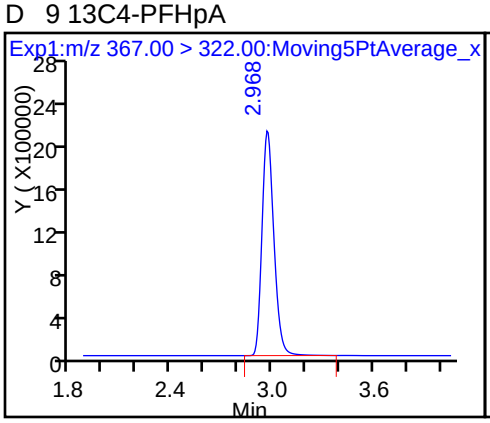
D 7 13C2 PFHxA



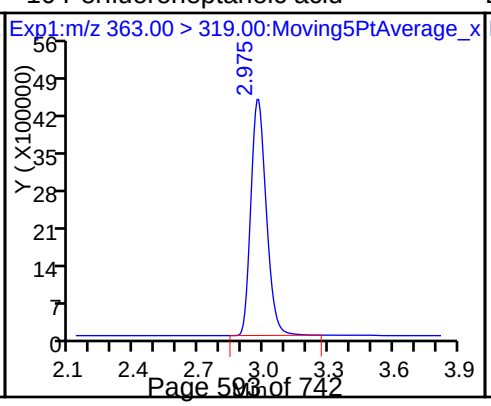
6 Perfluorohexanoic acid



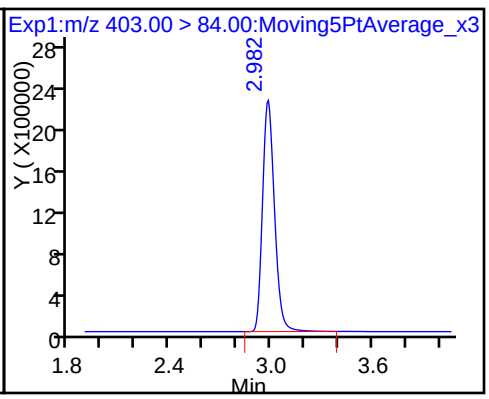
D 9 13C4-PFHpA



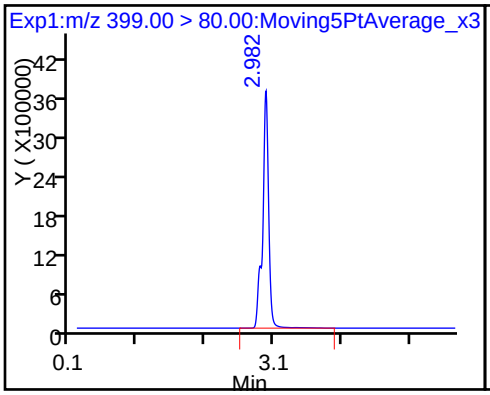
10 Perfluoroheptanoic acid



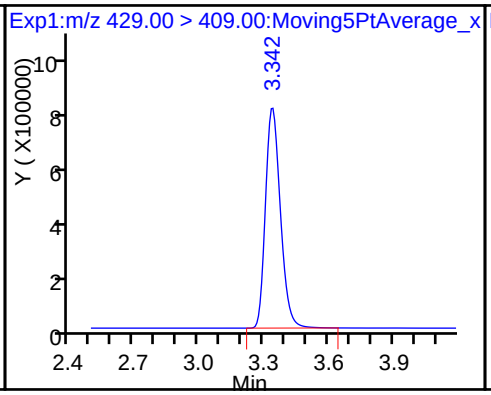
D 11 18O2 PFHxS



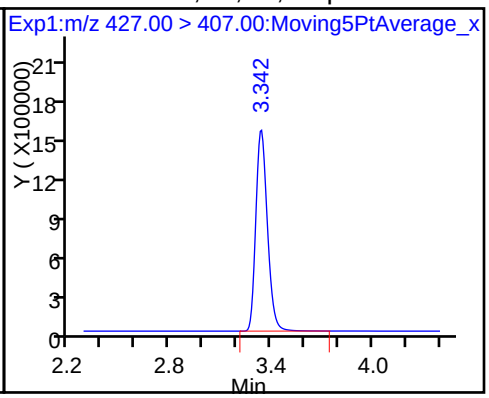
8 Perfluorohexanesulfonic acid



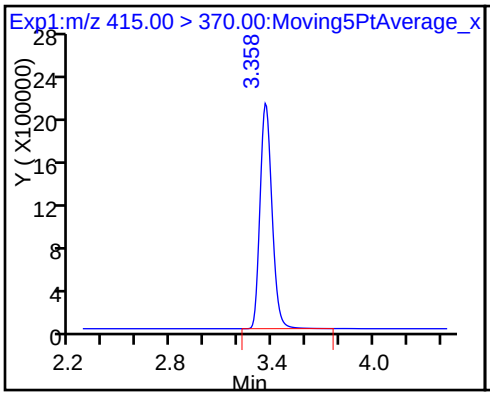
D 12 M2-6:2FTS



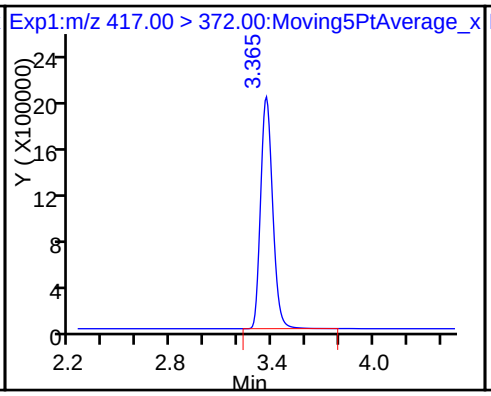
13 Sodium 1H,1H,2H,2H-perfluorooctane



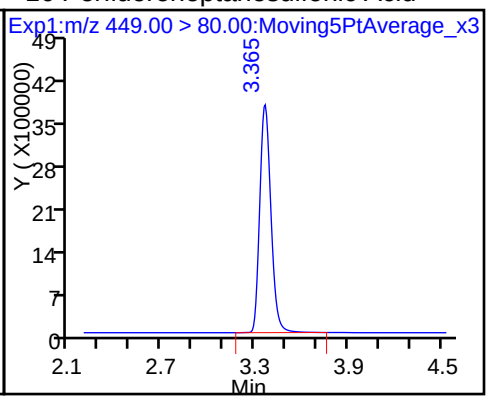
* 62 13C2-PFOA



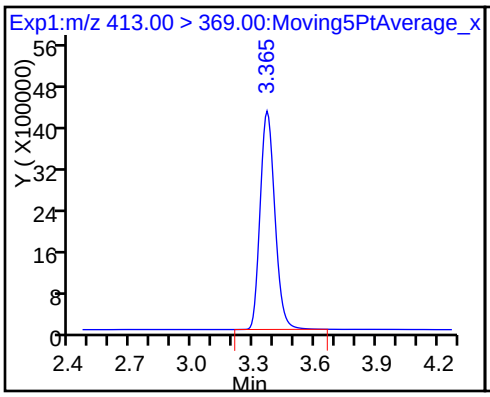
D 14 13C4 PFOA



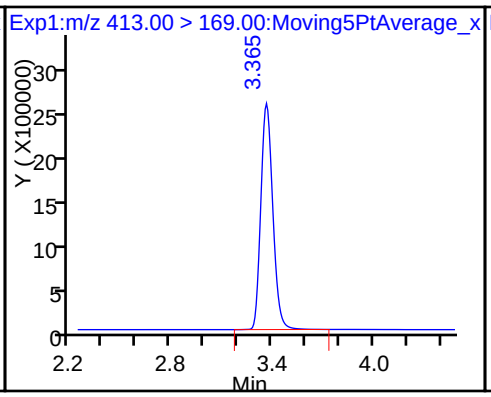
16 Perfluoroheptanesulfonic Acid



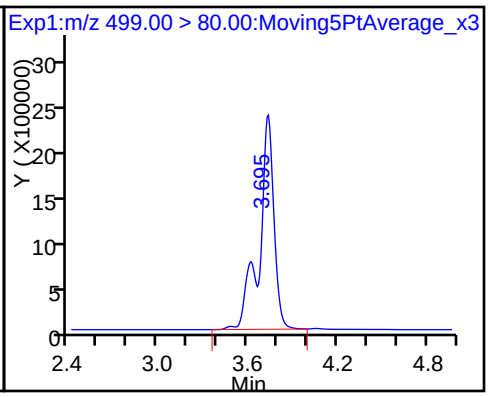
15 Perfluorooctanoic acid



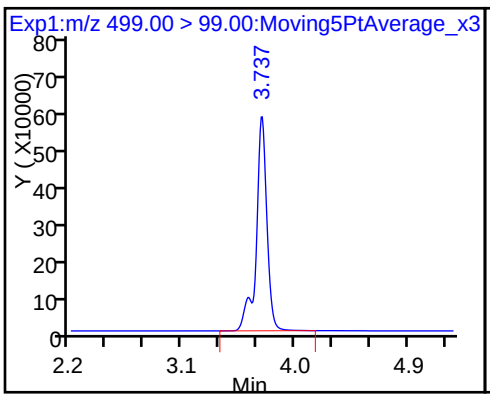
15 Perfluorooctanoic acid



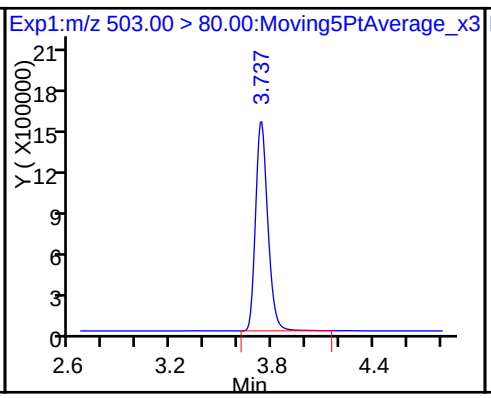
17 Perfluorooctane sulfonic acid



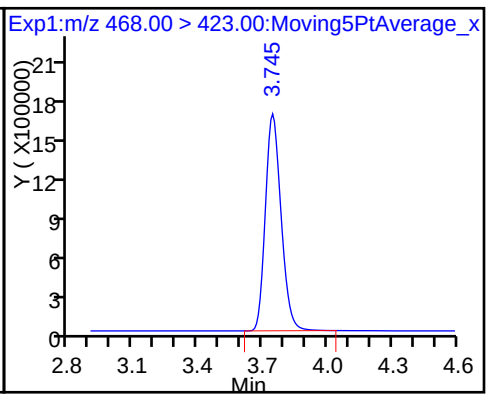
17 Perfluorooctane sulfonic acid



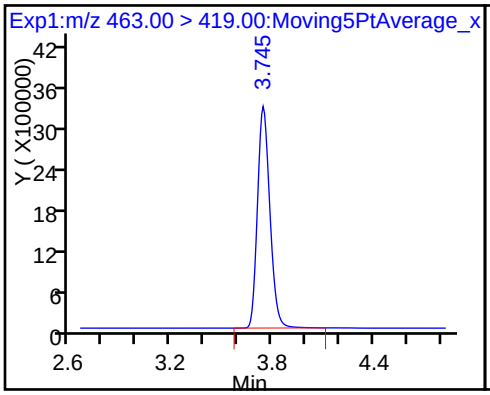
D 18 13C4 PFOS



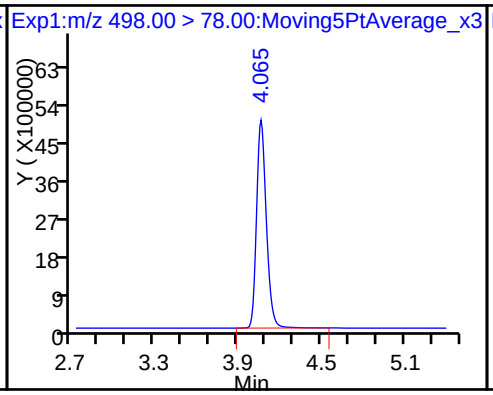
D 19 13C5 PFNA



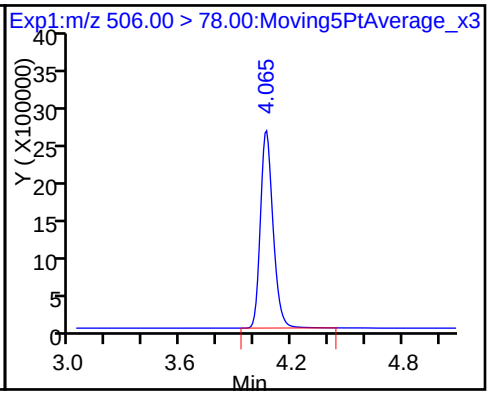
20 Perfluorononanoic acid



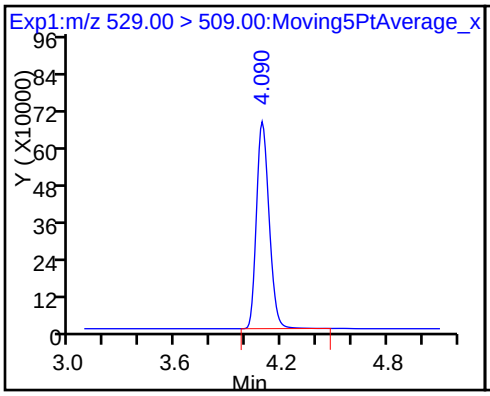
22 Perfluorooctane Sulfonamide



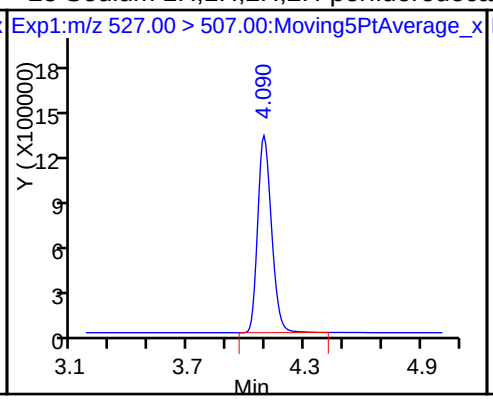
D 21 13C8 FOSA



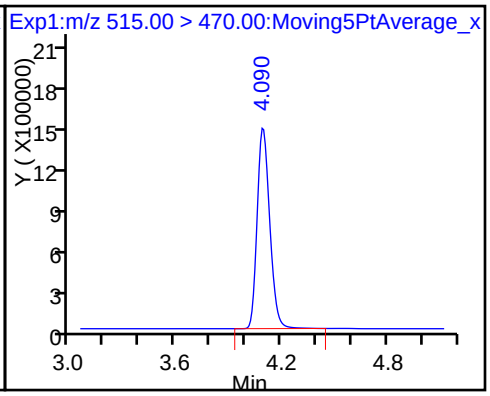
D 26 M2-8:2FTS



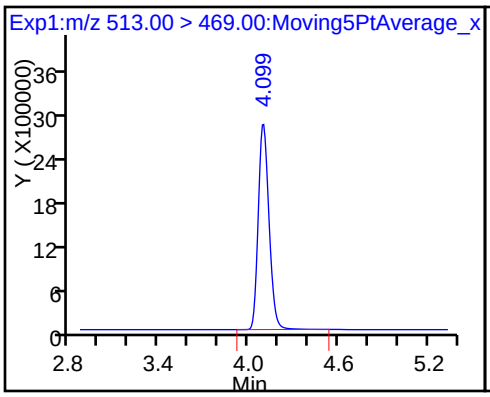
25 Sodium 1H,1H,2H,2H-perfluorodecane



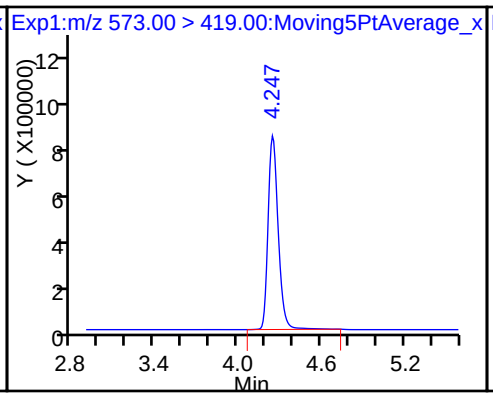
D 23 13C2 PFDA



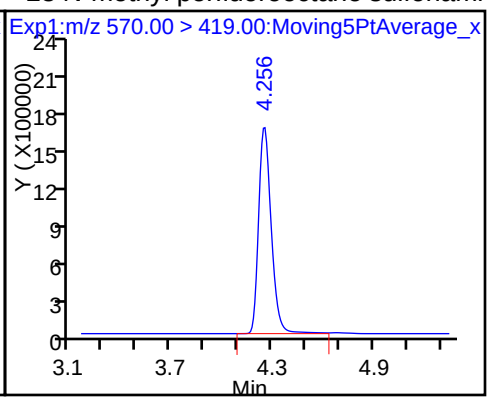
24 Perfluorodecanoic acid



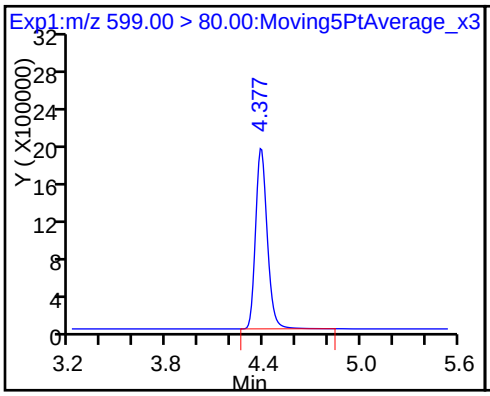
D 27 d3-NMeFOSAA



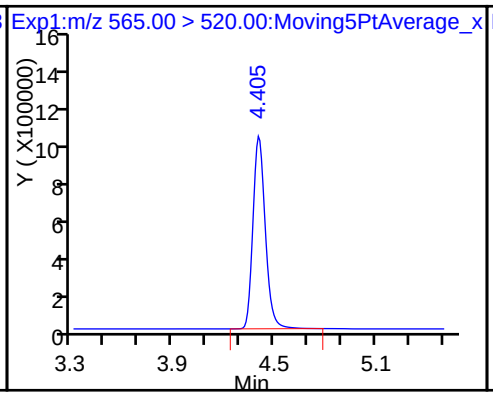
28 N-methyl perfluorooctane sulfonami



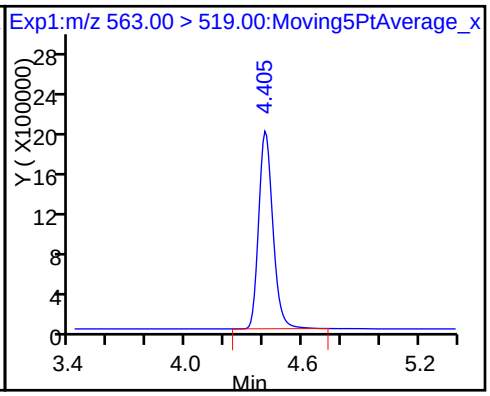
29 Perfluorodecane Sulfonic acid



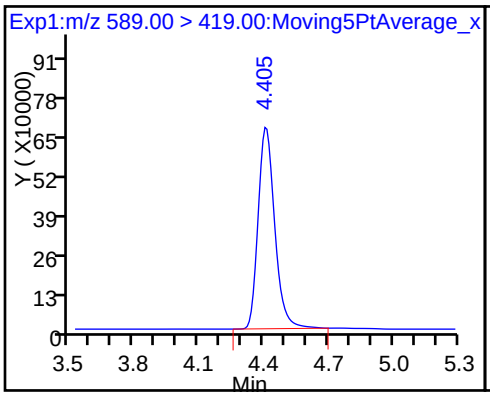
D 30 13C2 PFUnA



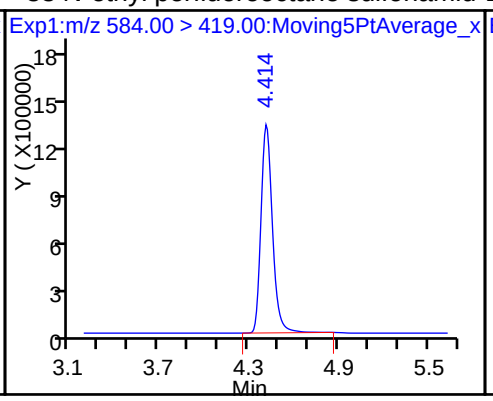
31 Perfluoroundecanoic acid



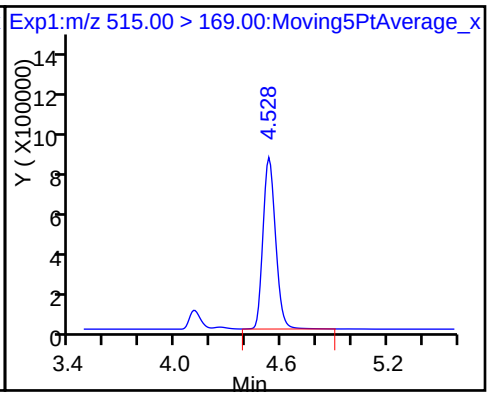
D 32 d5-NEtFOSAA



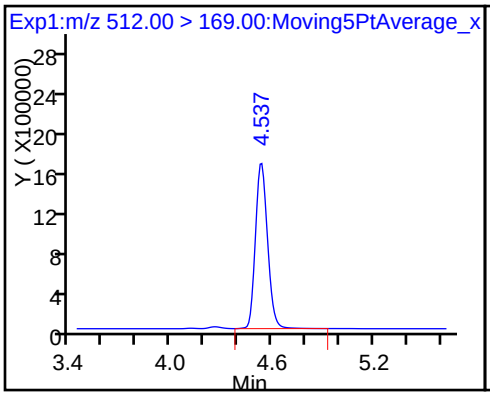
33 N-ethyl perfluorooctane sulfonamid



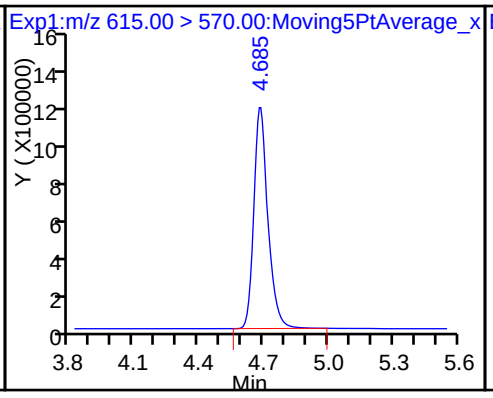
D 34 d-N-MeFOSA-M



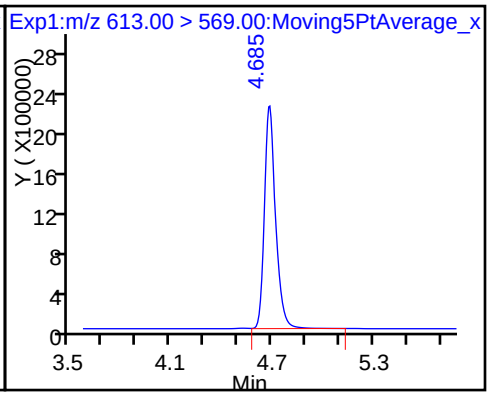
35 MeFOSA



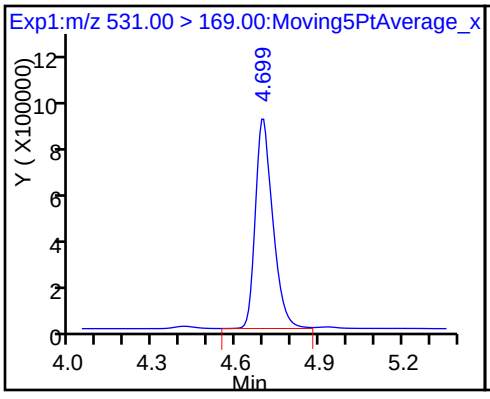
D 36 13C2 PFDoA



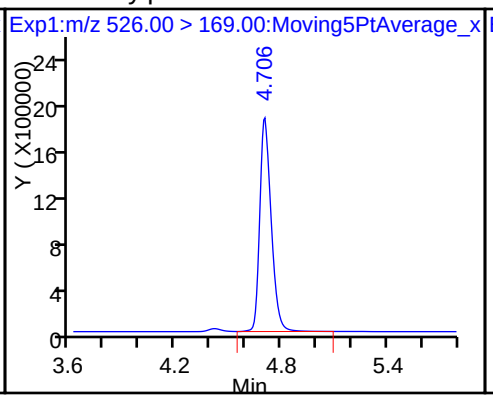
37 Perfluorododecanoic acid



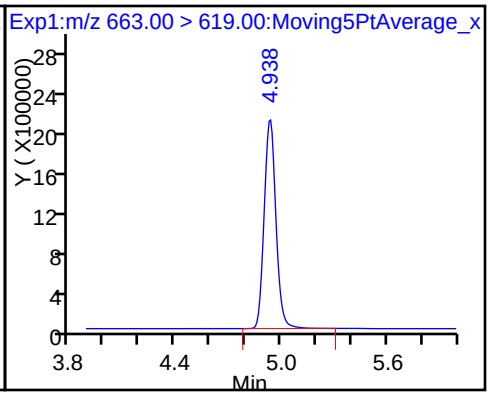
D 38 d-N-EtFOSA-M



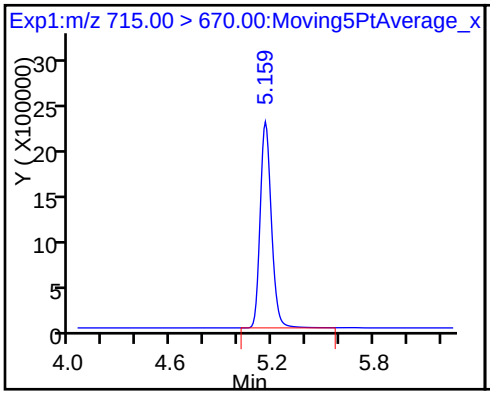
39 N-ethylperfluoro-1-octanesulfonami



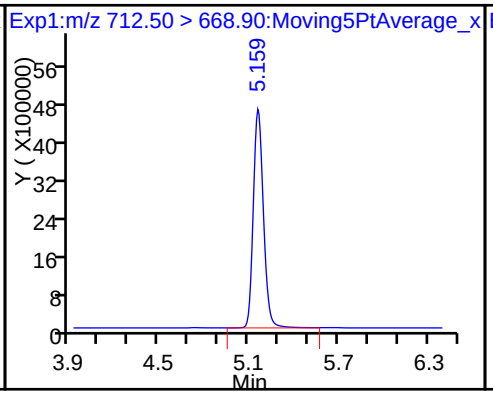
41 Perfluorotridecanoic acid



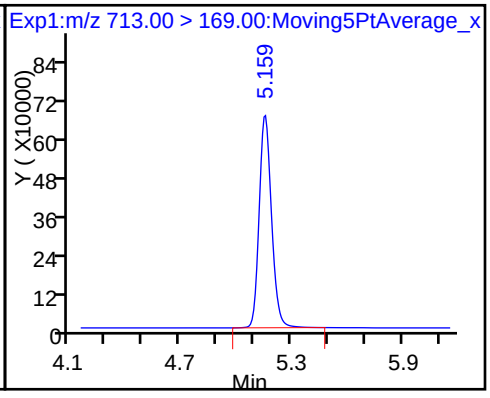
D 43 13C2-PFTeDA



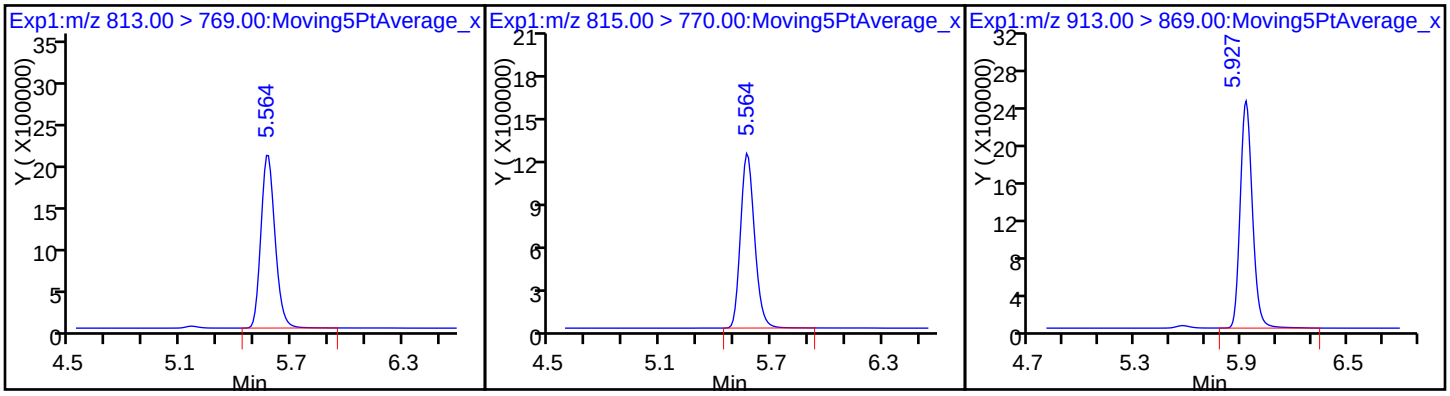
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



45 Perfluorohexadecanoic acid D 44 13C2-PFHxDA 46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_009.d
Lims ID: IC L7 Full
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 11-Jun-2017 15:42:06 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\20170611-44123.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 12-Jun-2017 10:06:13 Calib Date: 11-Jun-2017 15:42:06
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_009.d

Column 1 : Det: EXP1
Process Host: XAWRK020

First Level Reviewer: chandrasenas Date: 12-Jun-2017 08:39:10

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	1.873	1.870	0.003		16850161	45.8		91.6	35073	
2 Perfluorobutyric acid										
212.90 > 169.00	1.873	1.872	0.001	1.000	51806003	169.8		84.9	15886	
D 3 13C5-PFPeA										
267.90 > 223.00	2.210	2.211	-0.001		11708948	44.7		89.4	253972	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.220	2.215	0.005	1.000	42647530	175.0		87.5	38821	
D 47 13C3-PFBS										
301.90 > 83.00	2.251	2.250	0.001		267500	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.261	2.255	0.006	1.000	55163446	153.1		86.6		
298.90 > 99.00	2.261	2.255	0.006	1.000	27637015		2.00(0.00-0.00)	86.6		
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.538	2.534	0.004	1.000	14761005	196.9		105		
D 7 13C2 PFHxA										
315.00 > 270.00	2.580	2.575	0.005		10786130	44.3		88.6	33875	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.580	2.576	0.004	1.000	39636095	182.7		91.3	27755	
D 9 13C4-PFHpA										
367.00 > 322.00	2.971	2.967	0.004		9532492	43.0		85.9	38253	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.971	2.969	0.002	1.000	36998856	183.9		91.9	15716	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.986	2.978	0.008	1.000	40093207	173.7		95.4		
D 11 18O2 PFHxS										
403.00 > 84.00	2.986	2.978	0.008		9843568	40.5		85.6	20595	

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	3.340	3.344	-0.004		3983937	41.1		86.5		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.348	3.345	0.003	1.000	13459846	169.4		89.3		
* 62 13C2-PFOA										
415.00 > 370.00	3.363	3.361	0.002		9334463	50.0				
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.371	3.363	0.008	1.000	30345222	169.4		89.0		
D 14 13C4 PFOA										
417.00 > 372.00	3.371	3.363	0.008		9035360	40.6		81.1	32411	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.371	3.364	0.007	1.000	35464563	183.2		91.6	7675	
413.00 > 169.00	3.371	3.364	0.007	1.000	21426395		1.66(0.90-1.10)	91.6	13627	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.703	3.682	0.021	1.000	30735075	194.6		105	2074	
499.00 > 99.00	3.736	3.682	0.054	1.009	6592058		4.66(0.90-1.10)	105	20236	
D 18 13C4 PFOS										
503.00 > 80.00	3.736	3.733	0.003		7017338	41.9		87.6	10714	
20 Perfluorononanoic acid										
463.00 > 419.00	3.753	3.747	0.006	1.000	29863739	193.1		96.6	24391	
D 19 13C5 PFNA										
468.00 > 423.00	3.753	3.747	0.006		7849316	42.9		85.9	25674	
D 21 13C8 FOSA										
506.00 > 78.00	4.073	4.065	0.008		11641834	44.2		88.3	13742	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.073	4.065	0.008	1.000	40711462	179.5		89.8	22902	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.099	4.091	0.008	1.000	12259661	168.0		87.7		
D 26 M2-8:2FTS										
529.00 > 509.00	4.099	4.091	0.008		3521607	50.6		106		
D 23 13C2 PFDA										
515.00 > 470.00	4.099	4.093	0.006		6717231	43.3		86.6	11284	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.099	4.096	0.003	1.000	24891028	192.7		96.3	12525	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.259	4.250	0.009		3821824	45.6		91.3		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.259	4.254	0.005	1.000	16270348	203.4		102		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.390	4.381	0.009	1.000	16760683	187.4		97.2		
D 30 13C2 PFUnA										
565.00 > 520.00	4.409	4.406	0.003		4538890	40.7		81.4	7661	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.418	4.407	0.011	1.000	18365268	199.9		100.0	25059	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.418	4.409	0.009		3101899	38.4		76.8		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.418	4.415	0.003	1.000	12900811	215.0		108		

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	4.532	4.529	0.003		3939717	47.5		95.1		
35 MeFOSA										
512.00 > 169.00	4.542	4.532	0.010	1.000	16617820	216.9		108		
D 36 13C2 PFDoA										
615.00 > 570.00	4.684	4.684	0.0		5025645	43.8		87.6	5999	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.691	4.686	0.005	1.000	19010488	201.9		101	6791	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.704	4.698	0.006		3757835	46.1		92.2		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.704	4.703	0.001	1.000	15568722	208.0		104		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.938	4.937	0.001	1.000	17672919	190.4		95.2	12328	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.161	5.158	0.003	1.000	36724988	179.2		89.6	8755	
713.00 > 169.00	5.161	5.158	0.003	1.000	5715250		6.43(0.00-0.00)	89.6	11968	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.161	5.158	0.003		9679114	44.1		88.1	11413	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.569	5.570	-0.001		5858960	43.5		87.0	4126	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.569	5.570	-0.001	1.000	19715404	192.1		96.1	2092	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.932	5.928	0.004	1.000	19149234	177.2		88.6	2285	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L7_00003 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2017 10:06:13 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_009.d

Injection Date: 11-Jun-2017 15:42:06 Instrument ID: A8_N

Lims ID: IC L7 Full

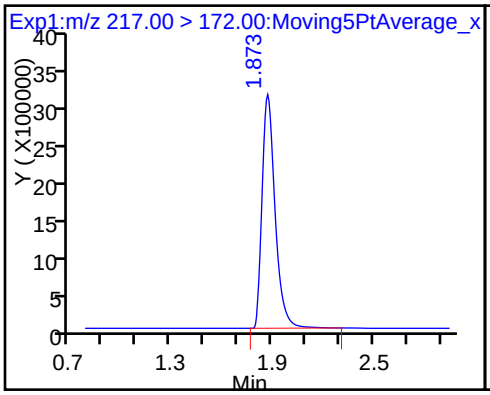
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 34 Worklist Smp#: 9

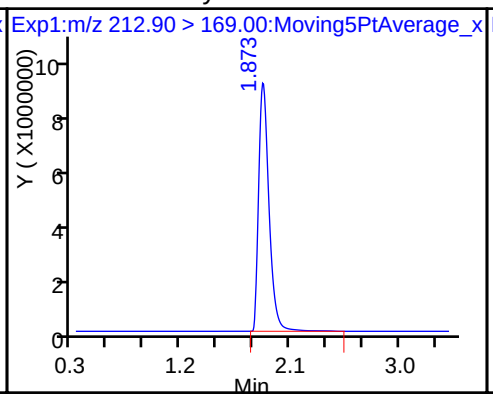
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

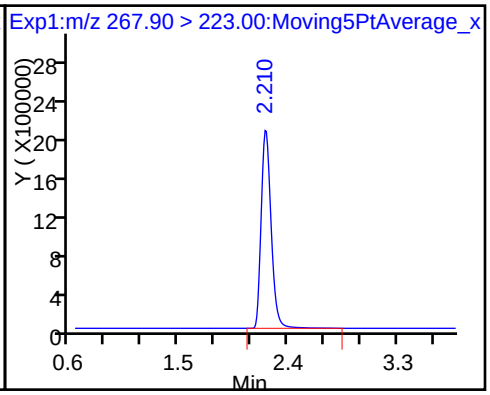
D 1 13C4 PFBA



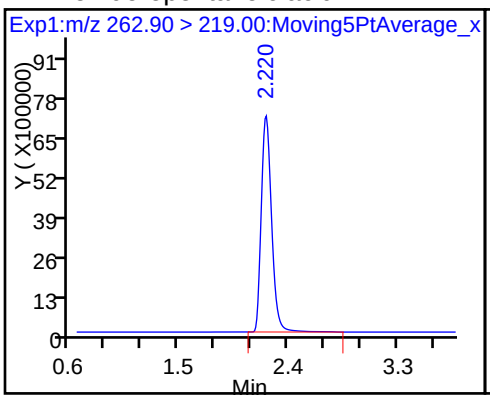
2 Perfluorobutyric acid



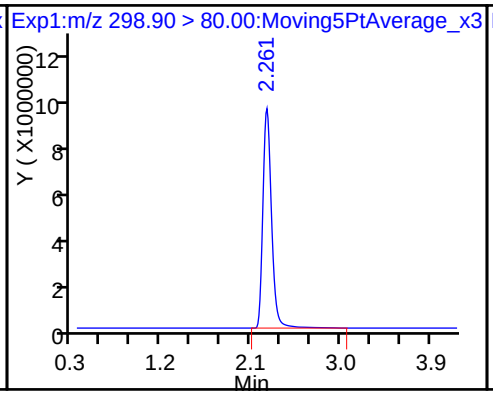
D 3 13C5-PFPeA



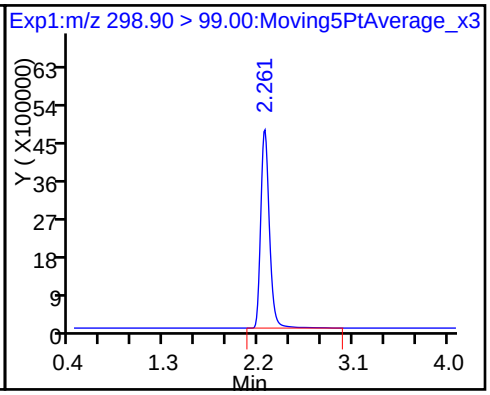
4 Perfluoropentanoic acid



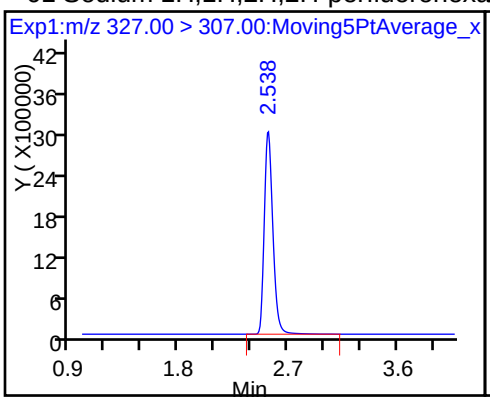
5 Perfluorobutanesulfonic acid



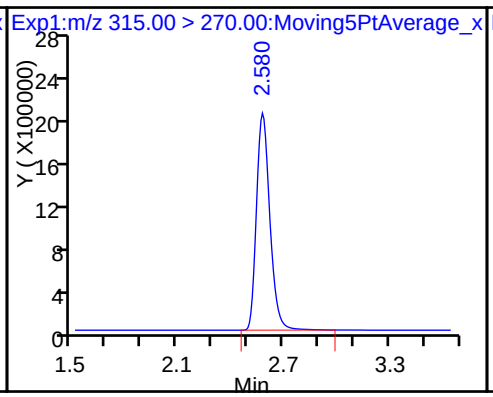
5 Perfluorobutanesulfonic acid



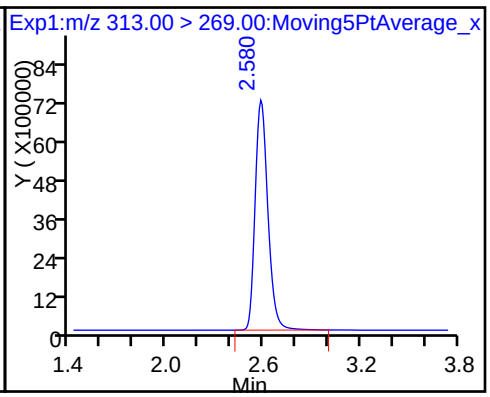
61 Sodium 1H,1H,2H,2H-perfluorohexa



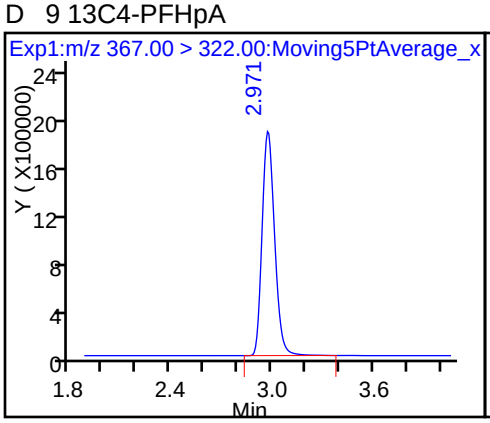
De 7 13C2 PFHxA



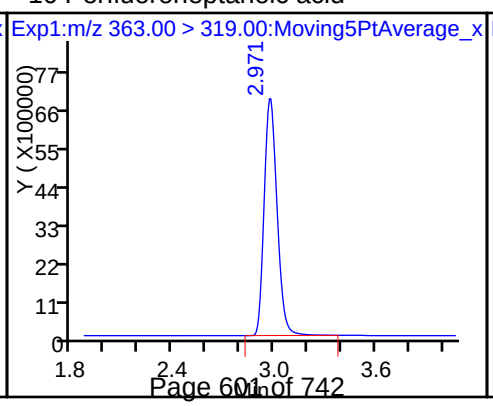
6 Perfluorohexanoic acid



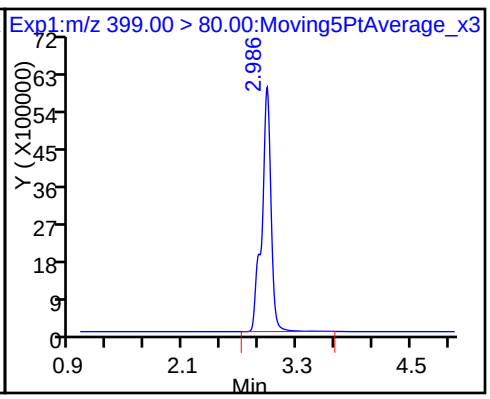
D 9 13C4-PFHpA



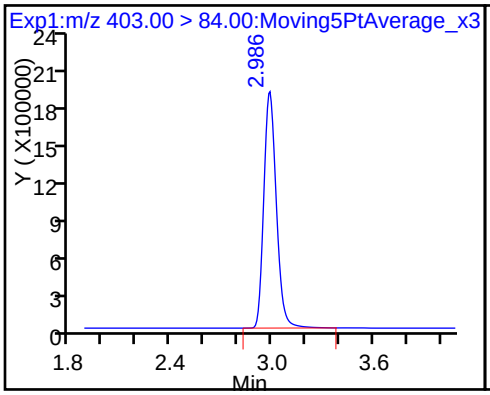
10 Perfluoroheptanoic acid



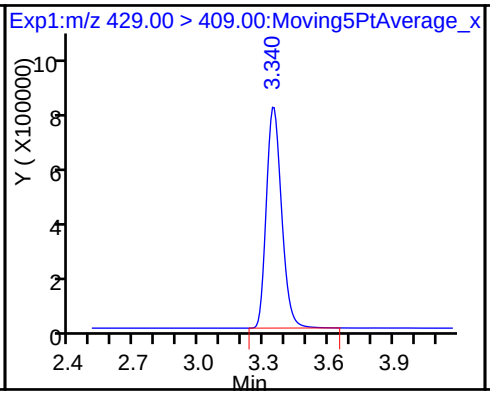
8 Perfluorohexanesulfonic acid



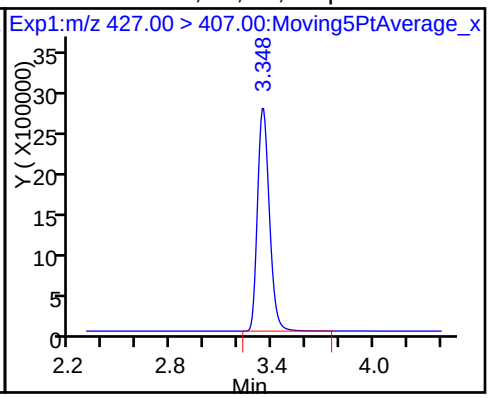
D 11 18O2 PFHxS



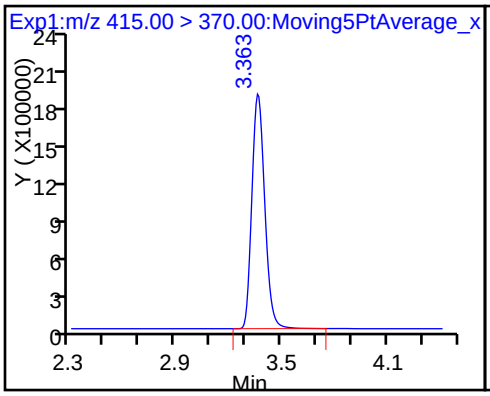
D 12 M2-6:2FTS



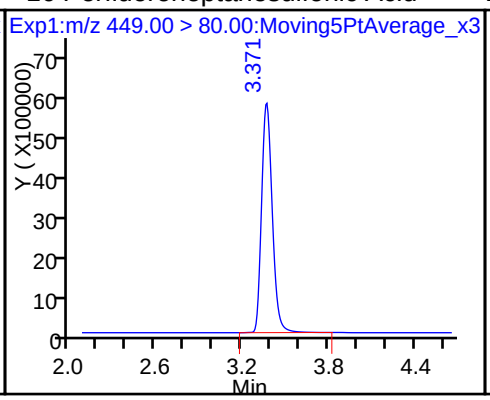
13 Sodium 1H,1H,2H,2H-perfluorooctane



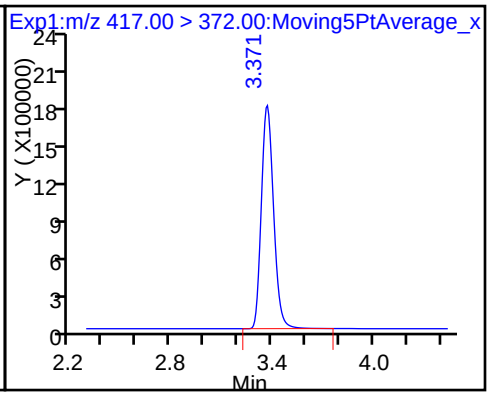
* 62 13C2-PFOA



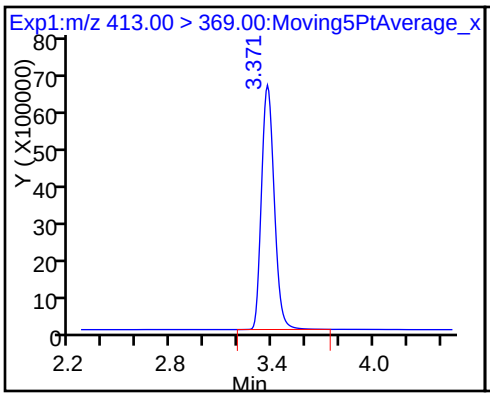
16 Perfluoroheptanesulfonic Acid



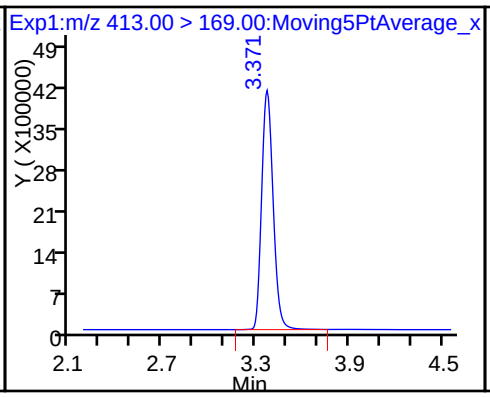
D 14 13C4 PFOA



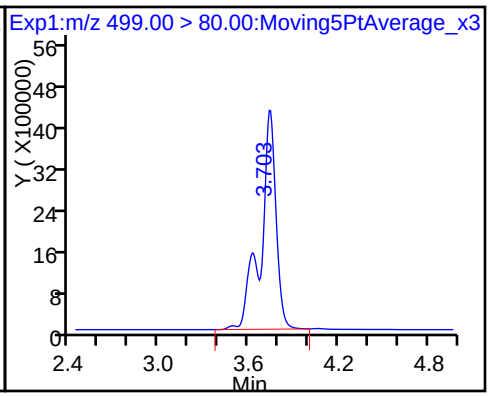
15 Perfluorooctanoic acid



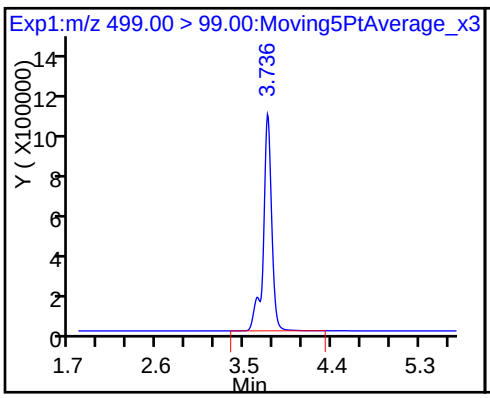
15 Perfluorooctanoic acid



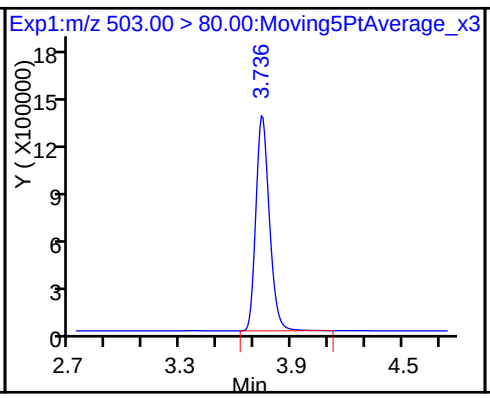
17 Perfluorooctane sulfonic acid



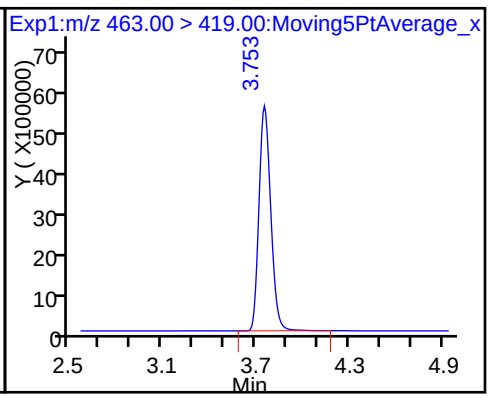
17 Perfluorooctane sulfonic acid



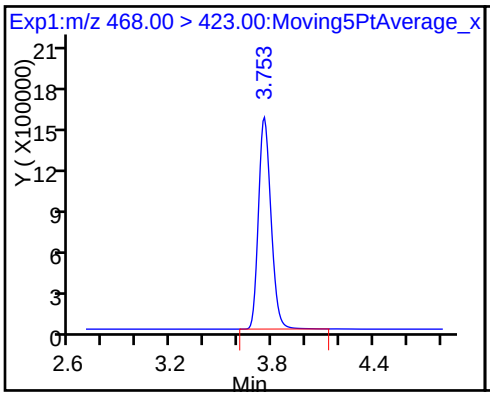
D 18 13C4 PFOS



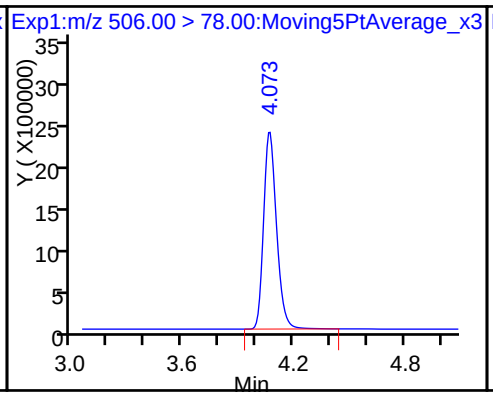
20 Perfluorononanoic acid



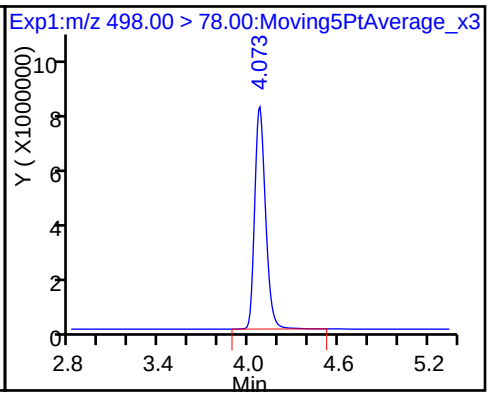
D 19 13C5 PFNA



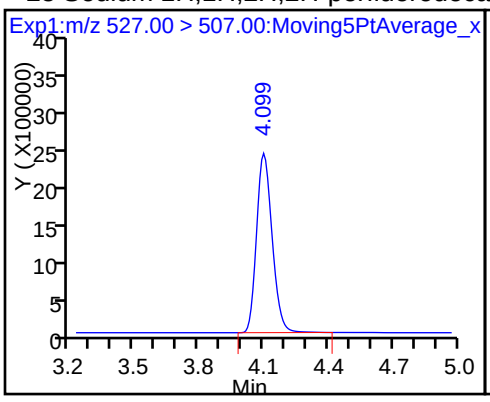
D 21 13C8 FOSA



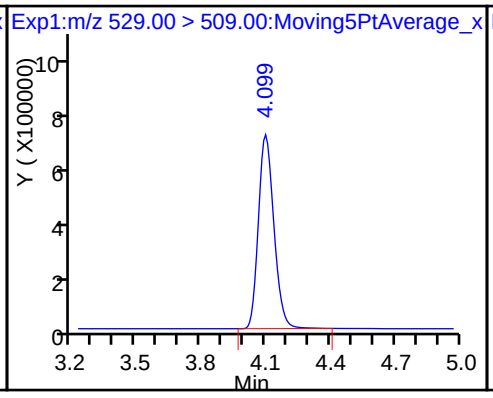
22 Perfluorooctane Sulfonamide



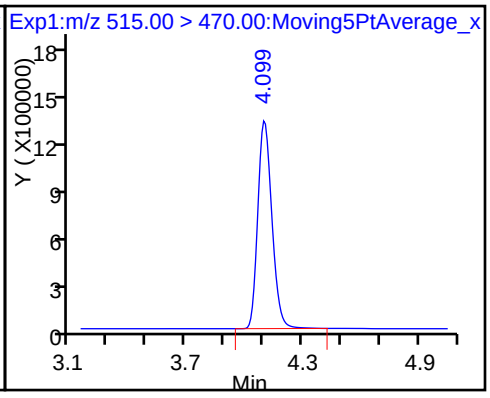
25 Sodium 1H,1H,2H,2H-perfluorodecane



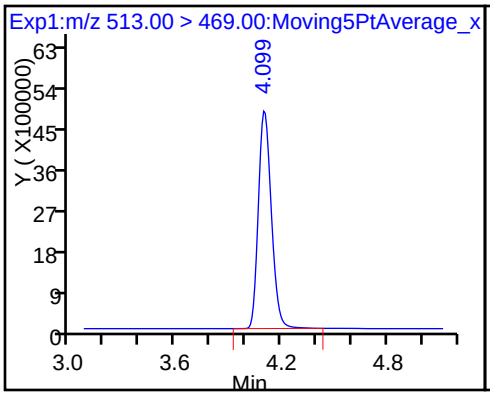
D 26 M2-8:2FTS



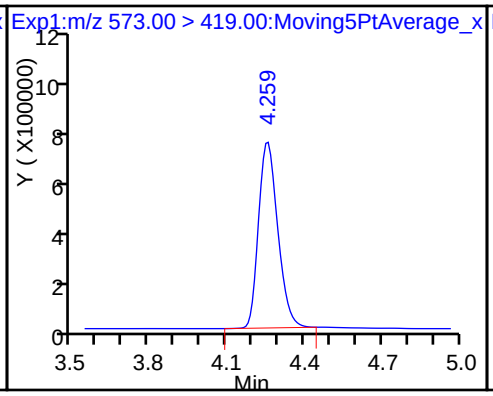
D 23 13C2 PFDA



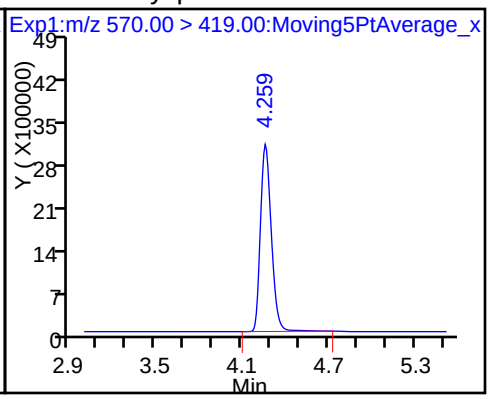
24 Perfluorodecanoic acid



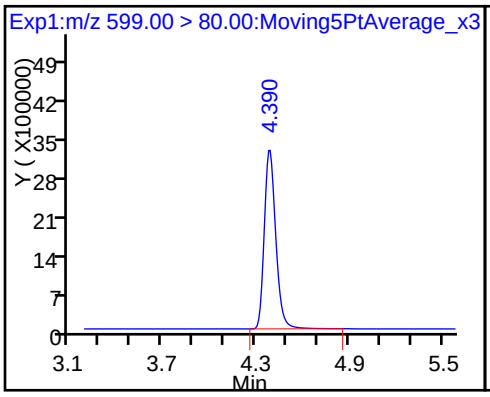
D 27 d3-NMeFOSAA



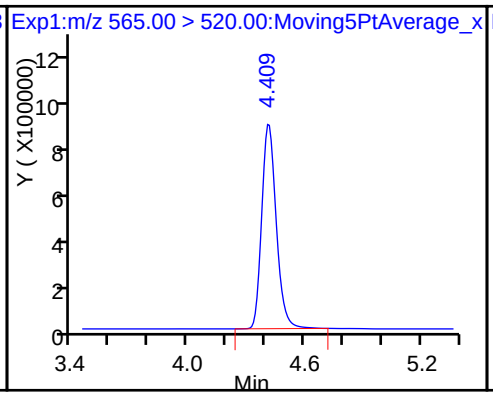
28 N-methyl perfluorooctane sulfonami



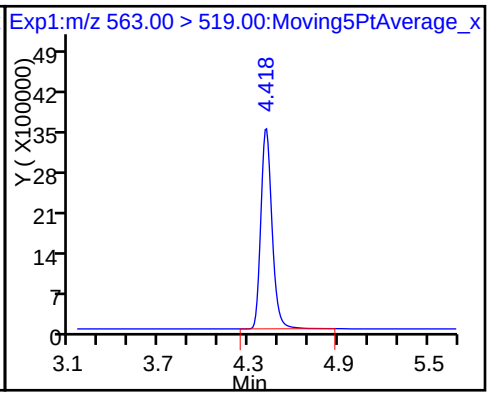
29 Perfluorodecane Sulfonic acid



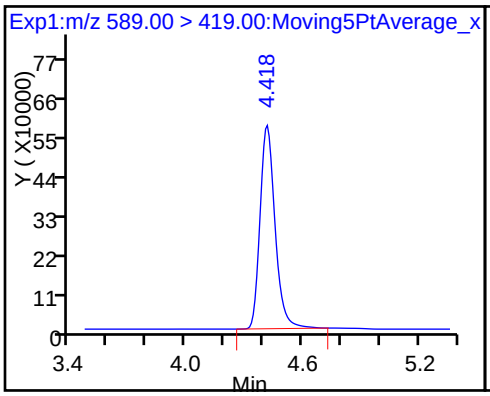
D 30 13C2 PFUnA



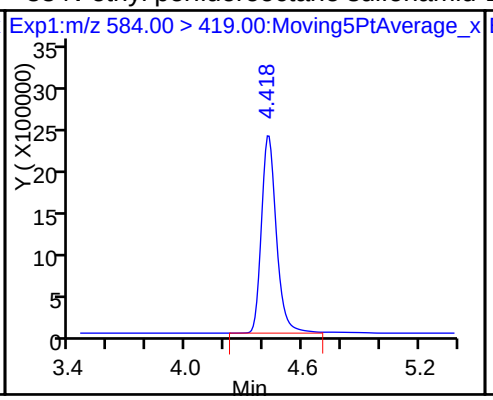
31 Perfluoroundecanoic acid



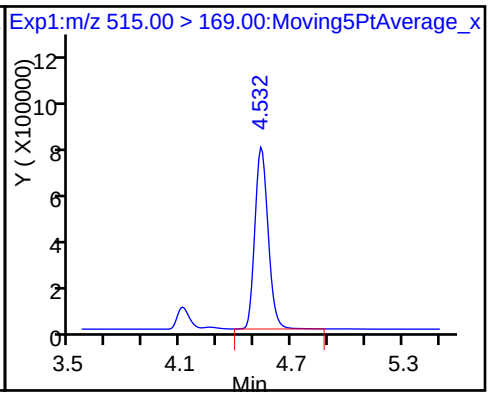
D 32 d5-NEtFOSAA



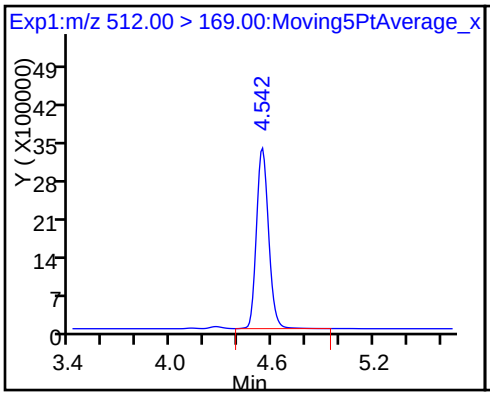
33 N-ethyl perfluorooctane sulfonamid



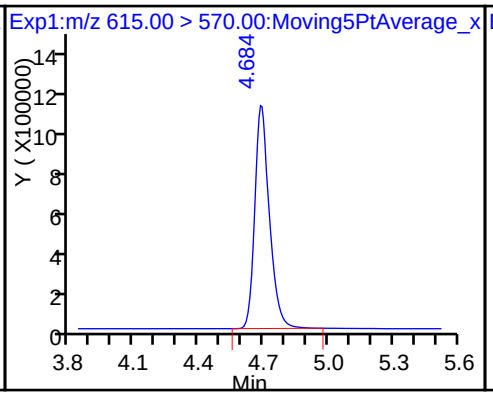
D 34 d-N-MeFOSA-M



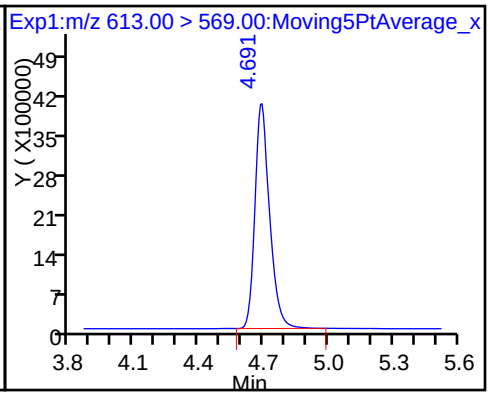
35 MeFOSA



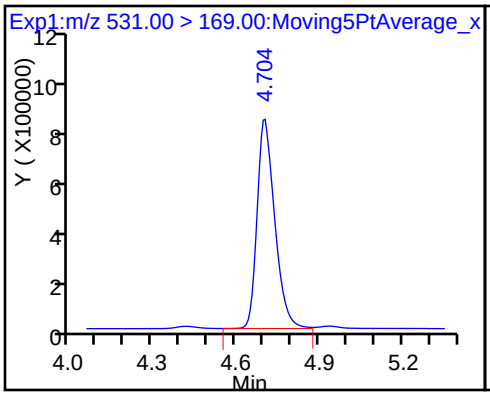
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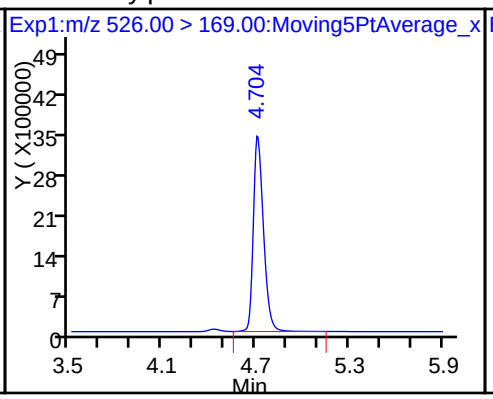
37 Perfluorododecanoic acid



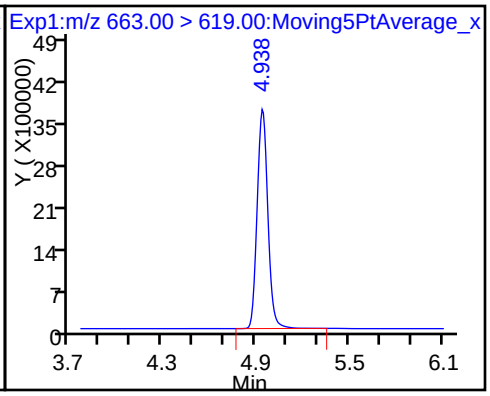
D 38 d-N-EtFOSA-M



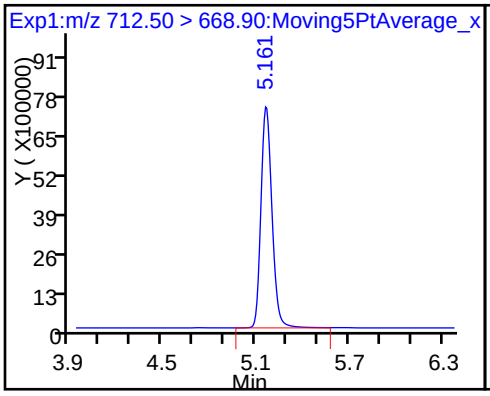
39 N-ethylperfluoro-1-octanesulfonami



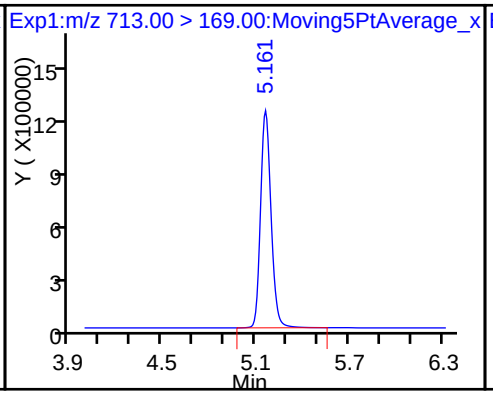
41 Perfluorotridecanoic acid



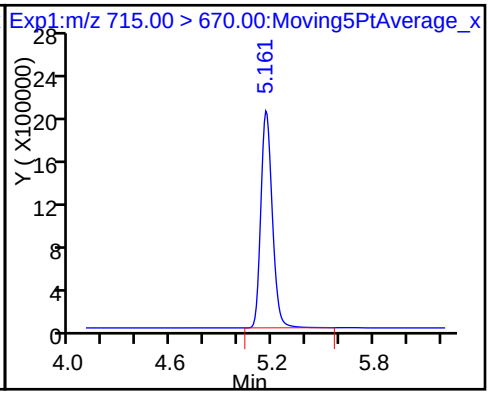
42 Perfluorotetradecanoic acid



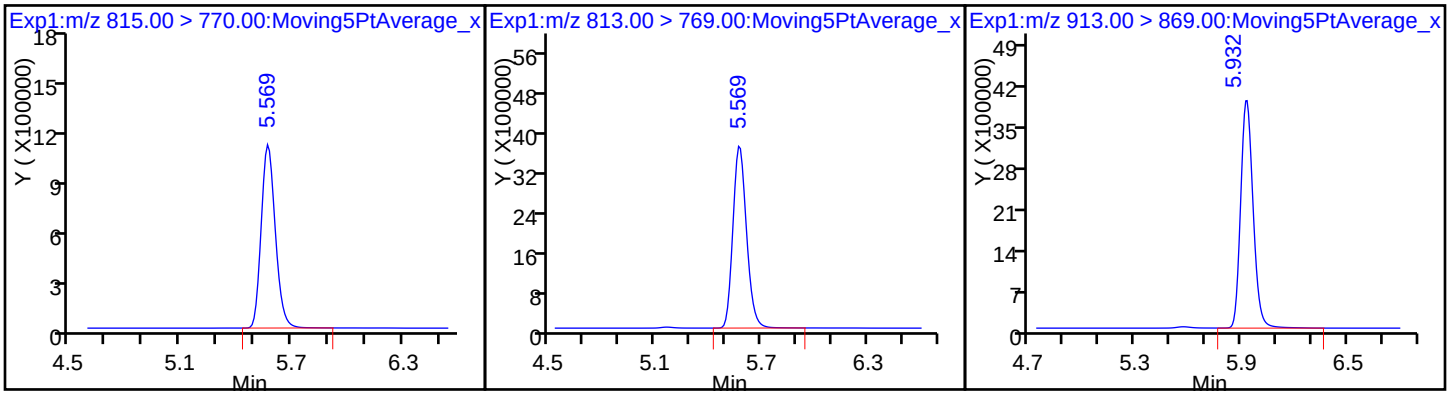
42 Perfluorotetradecanoic acid



D 43 13C2-PFTeDA



D 44 13C2-PFHxDA 45 Perfluorohexadecanoic acid 46 Perfluorooctadecanoic acid



TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_010.d
Lims ID: IC M2-4:2FTS
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 11-Jun-2017 15:49:49 ALS Bottle#: 37 Worklist Smp#: 10
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: M2:4-2FTS Calibration Std
Misc. Info.: Plate: 1 Rack: 1
Operator ID: SACINSTLCMS01 Instrument ID: A8_N
Sublist: chrom-A8_N*sub19

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 13-Jun-2017 12:41:42 Calib Date: 11-Jun-2017 15:49:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_010.d

Column 1 : Det: EXP1
Process Host: XAWRK028

First Level Reviewer: westendorfc Date: 13-Jun-2017 12:41:36

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 60 M2-4:2FTS										
329.00 > 309.00	2.540	2.540	0.0		4677440	NC			26594	
* 62 13C2-PFOA										
415.00 > 370.00	3.362	3.361	0.001		12300163	50.0			30760	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

LCM2-4:2FTSIC_00002 Amount Added: 1.00 Units: mL

Report Date: 13-Jun-2017 12:41:43 Chrom Revision: 2.2 12-Jun-2017 15:21:46

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_010.d

Injection Date: 11-Jun-2017 15:49:49 Instrument ID: A8_N

Lims ID: IC M2-4:2FTS

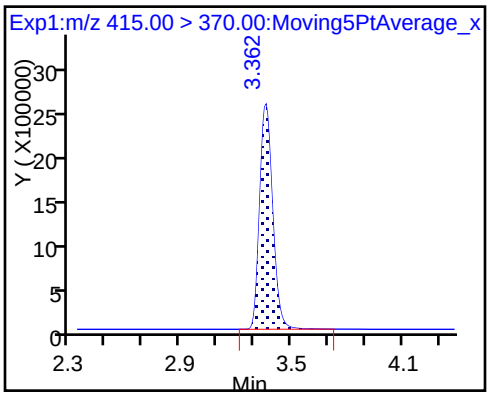
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 37 Worklist Smp#: 10

Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

* 62 13C2-PFOA



FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Lab Sample ID: ICV 320-167755/11 Calibration Date: 06/06/2017 14:41

Instrument ID: A8_N Calib Start Date: 06/06/2017 13:31

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/06/2017 14:25

Lab File ID: 2017.06.06CURVE_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	0.9186	0.9694		52.2	49.5	5.5	25.0
Perfluoropentanoic acid (PFPeA)	AveID	1.041	1.089		51.8	49.5	4.6	25.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.633	1.866		50.1	43.8	14.3	25.0
Perfluorohexanoic acid (PFHxA)	AveID	1.012	1.071		52.4	49.5	5.8	25.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.048	1.085		51.3	49.5	3.6	25.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.096	1.109		47.3	46.8	1.2	25.0
6:2FTS	AveID	0.9879	0.9593		45.6	46.9	-2.9	25.0
Perfluorooctanoic acid (PFOA)	AveID	1.068	1.084		50.2	49.5	1.5	25.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.141	1.173		48.5	47.1	2.9	25.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.055	1.001		44.8	47.3	-5.2	25.0
Perfluorononanoic acid (PFNA)	AveID	1.002	1.070		52.8	49.5	6.7	25.0
Perfluorooctane Sulfonamide (FOSA)	AveID	0.9693	0.9769		49.9	49.5	0.8	25.0
8:2FTS	AveID	0.9716	0.9903		48.3	47.4	1.9	25.0
Perfluorodecanoic acid (PFDA)	AveID	0.9522	1.021		53.1	49.5	7.3	25.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.028	1.000		48.1	49.5	-2.8	25.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6584	0.6775		49.2	47.8	2.9	25.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.065	1.104		51.3	49.5	3.7	25.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9439	0.9495		49.8	49.5	0.6	25.0
MeFOSA	AveID	0.9633	0.9344		48.0	49.5	-3.0	25.0
Perfluorododecanoic acid (PFDoA)	AveID	0.9562	1.013		52.5	49.5	6.0	25.0
N-EtFOSA-M	AveID	1.000	1.003		49.6	49.5	0.3	25.0
Perfluorotridecanoic Acid (PFTriA)	AveID	1.000	1.003		49.7	49.5	0.3	25.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.214		52.9	49.5	6.8	25.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		1.084		56.5	49.5	14.2	25.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	0.8851	0.9911		55.4	49.5	12.0	25.0
13C4 PFBA	Ave	329728	333357		50.0	49.5	1.1	50.0
13C5-PFPeA	Ave	219977	220707		49.7	49.5	0.3	50.0
13C2 PFHxA	Ave	192846	187651		48.2	49.5	-2.7	50.0
13C4-PFHpA	Ave	177883	180087		50.1	49.5	1.2	50.0
18O2 PFHxS	Ave	230540	227539		46.2	46.8	-1.3	50.0
M2-6:2FTS	Ave	88838	84814		44.9	47.0	-4.5	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Lab Sample ID: ICV 320-167755/11 Calibration Date: 06/06/2017 14:41

Instrument ID: A8_N Calib Start Date: 06/06/2017 13:31

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/06/2017 14:25

Lab File ID: 2017.06.06CURVE_012.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	180322	182980		50.2	49.5	1.5	50.0
13C4 PFOS	Ave	178130	177178		47.1	47.3	-0.5	50.0
13C5 PFNA	Ave	152667	152782		49.5	49.5	0.0	50.0
13C8 FOSA	Ave	300205	300644		49.6	49.5	0.1	50.0
M2-8:2FTS	Ave	81859	86277		50.0	47.4	5.4	50.0
13C2 PFDA	Ave	150783	148999		48.9	49.5	-1.2	50.0
d3-NMeFOSAA	Ave	88062	89218		50.2	49.5	1.3	50.0
13C2 PFUnA	Ave	119837	116179		48.0	49.5	-3.1	50.0
d5-NEtFOSAA	Ave	87293	82982		47.1	49.5	-4.9	50.0
d-N-MeFOSA-M	Ave	88593	95059		53.1	49.5	7.3	50.0
13C2 PFDoA	Ave	124485	122180		48.6	49.5	-1.9	50.0
d-N-EtFOSA-M	Ave	82760	87829		52.5	49.5	6.1	50.0
13C2-PFTeDA	Ave	257086	258569		49.8	49.5	0.6	50.0
13C2-PFHxDA	Ave	136854	140280		50.7	49.5	2.5	50.0

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_012.d
Lims ID: ICV Full
Client ID:
Sample Type: ICV
Inject. Date: 06-Jun-2017 14:41:14 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\20170606-43899.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 07-Jun-2017 08:20:34 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK033

First Level Reviewer: chandrasenas Date: 06-Jun-2017 16:48:01

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	1.742	1.746	-0.004		16502805	50.0		101	66036	
2 Perfluorobutyric acid										
212.90 > 169.00	1.746	1.749	-0.003	1.000	15997787	52.2			23049	
D 3 13C5-PFPeA										
267.90 > 223.00	2.069	2.073	-0.004		10926065	49.7		100	36677	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.069	2.074	-0.005	1.000	11893270	51.8			4437	
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.114	2.111	0.003	1.000	18600028	50.1				
298.90 > 99.00	2.114	2.111	0.003	1.000	7680989		2.42(0.00-0.00)			
D 47 13C3-PFBS										
301.90 > 83.00	2.105	2.111	-0.006		270335	NC				
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.366	2.373	-0.007	1.000	3796091	52.0				
D 7 13C2 PFHxA										
315.00 > 270.00	2.409	2.413	-0.004		9289652	48.2		97.3	30813	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.409	2.415	-0.006	1.000	9951617	52.4			17824	
D 9 13C4-PFHpA										
367.00 > 322.00	2.795	2.792	0.003		8915183	50.1		101	32164	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.795	2.793	0.002	1.000	9675307	51.3			3712	
D 11 18O2 PFHxS										
403.00 > 84.00	2.803	2.803	0.0		10656046	46.2		98.7	18483	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.803	2.803	0.0	1.000	11801895	47.3				

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	3.156	3.151	0.005		3988766	44.9		95.5		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.156	3.153	0.003	1.000	3818271	45.6				
* 62 13C2-PFOA										
415.00 > 370.00	3.177	3.174	0.003		8968382	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.177	3.176	0.001		9058408	50.2		101	25001	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.177	3.178	-0.001	1.000	9822150	50.2			2892	
413.00 > 169.00	3.177	3.178	-0.001	1.000	5918405		1.66(0.90-1.10)		10211	
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.183	3.179	0.004	1.000	9798061	48.5				
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.552	3.481	0.071	1.000	8383847	44.8			11329	
499.00 > 99.00	3.552	3.481	0.071	1.000	1935113		4.33(0.90-1.10)		8079	
D 18 13C4 PFOS										
503.00 > 80.00	3.552	3.546	0.006		8385238	47.1		99.5	17480	
D 19 13C5 PFNA										
468.00 > 423.00	3.559	3.555	0.004		7563443	49.5		100	24634	
20 Perfluorononanoic acid										
463.00 > 419.00	3.559	3.557	0.002	1.000	8089333	52.8			12796	
D 21 13C8 FOSA										
506.00 > 78.00	3.891	3.888	0.003		14883381	49.6		100	17695	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	3.891	3.889	0.002	1.000	14539162	49.9			23285	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	3.906	3.903	0.003	1.000	4051904	48.3				
D 26 M2-8:2FTS										
529.00 > 509.00	3.906	3.903	0.003		4091740	50.0		105		
D 23 13C2 PFDA										
515.00 > 470.00	3.913	3.908	0.005		7376165	48.9		98.8	14243	
24 Perfluorodecanoic acid										
513.00 > 469.00	3.913	3.909	0.004	1.000	7533186	53.1			22134	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.067	4.064	0.003		4416719	50.2		101		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.076	4.067	0.009	1.002	4414521	48.1				
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.204	4.202	0.002	1.000	5734533	49.2				
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.229	4.225	0.004		4108032	47.1		95.1		
D 30 13C2 PFUnA										
565.00 > 520.00	4.229	4.226	0.003		5751442	48.0		96.9	9483	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.229	4.226	0.003	1.000	6351729	51.3			10021	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.238	4.233	0.005	1.002	3900544	49.8				

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	4.366	4.364	0.002		4705883	53.1		107		
35 MeFOSA										
512.00 > 169.00	4.375	4.370	0.005	1.000	4397283	48.0				
37 Perfluorododecanoic acid										
613.00 > 569.00	4.516	4.509	0.007	1.000	6128264	52.5			2212	
D 36 13C2 PFDoA										
615.00 > 570.00	4.506	4.509	-0.003		6048520	48.6		98.1	5563	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.545	4.540	0.005		4347976	52.5		106		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.545	4.550	-0.005	1.000	4361151	49.6				
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.763	4.762	0.001	1.000	6065786	49.7			3689	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	4.994	4.988	0.006	1.000	13390423	52.9			9540	
713.00 > 169.00	4.994	4.988	0.006	1.000	1855509		7.22(0.00-0.00)		6411	
D 43 13C2-PFTeDA										
715.00 > 670.00	4.994	4.988	0.006		12800459	49.8		101	17883	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.393	5.391	0.002		6944535	50.7		103	5768	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.400	5.395	0.005	1.000	6556007	56.5			3411	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.751	5.745	0.006	1.000	5994905	55.4			5413	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFCIC_FULL_00003 Amount Added: 1.00 Units: mL

Report Date: 07-Jun-2017 08:20:34 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_012.d

Injection Date: 06-Jun-2017 14:41:14 Instrument ID: A8_N

Lims ID: ICV Full

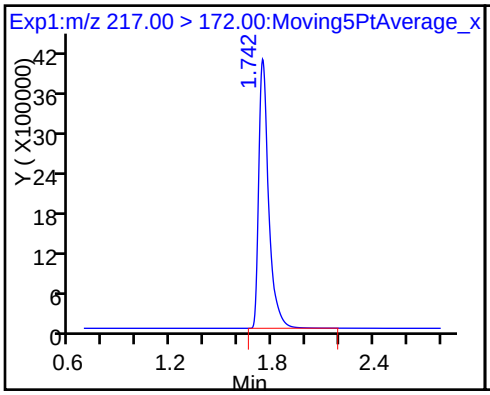
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 36 Worklist Smp#: 11

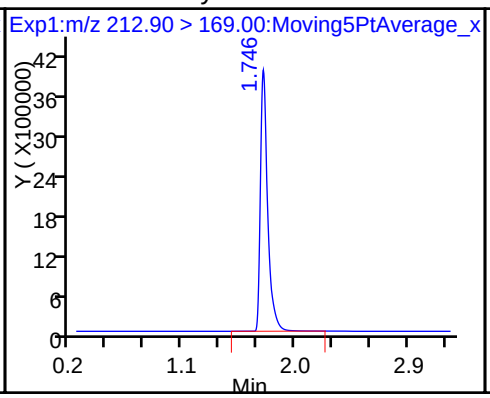
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

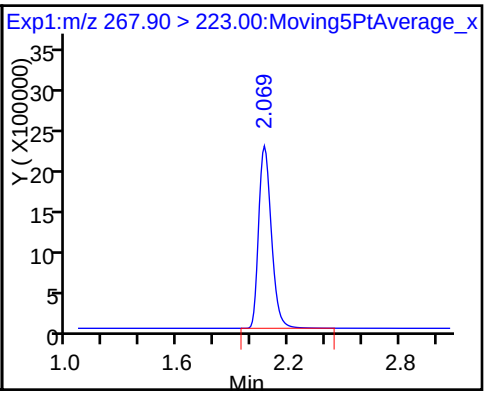
D 1 13C4 PFBA



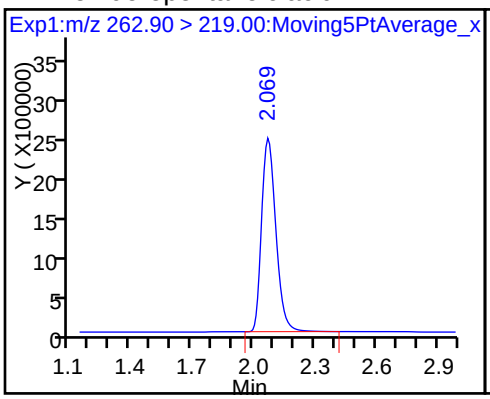
2 Perfluorobutyric acid



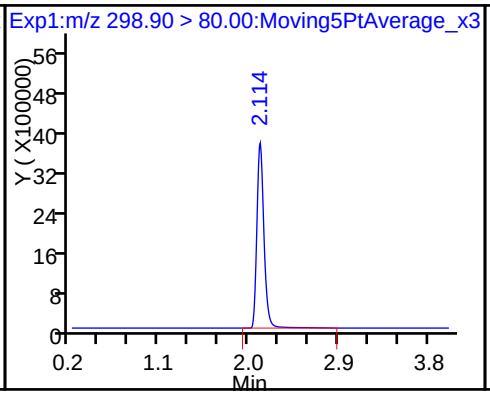
D 3 13C5-PFPeA



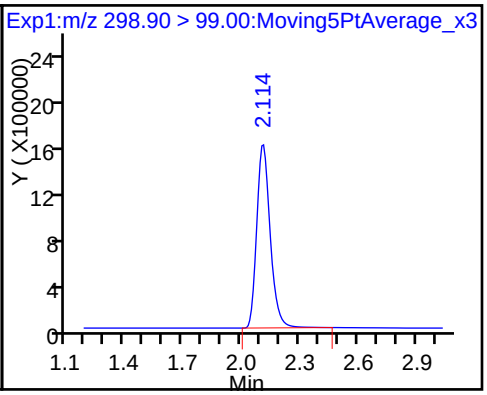
4 Perfluoropentanoic acid



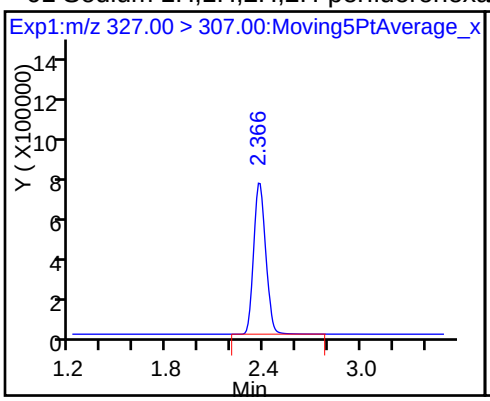
5 Perfluorobutanesulfonic acid



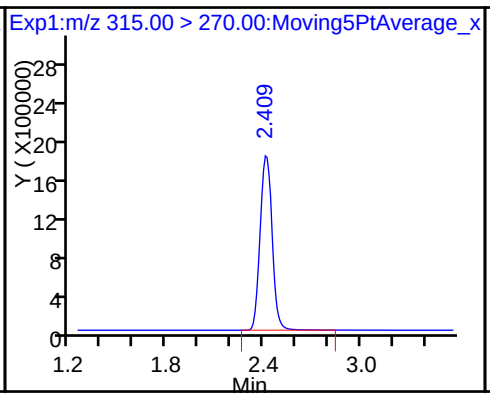
5 Perfluorobutanesulfonic acid



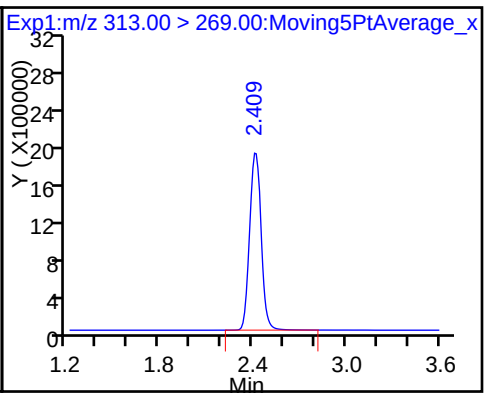
61 Sodium 1H,1H,2H,2H-perfluorohexa



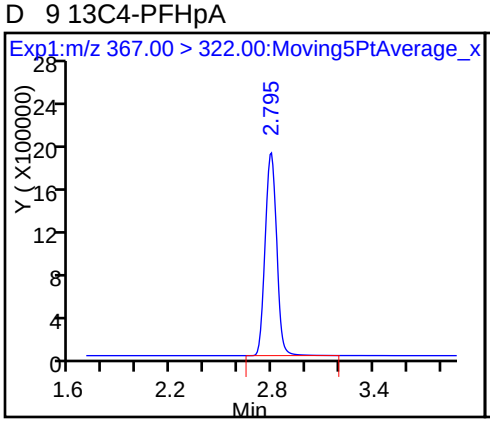
De 7 13C2 PFHxA



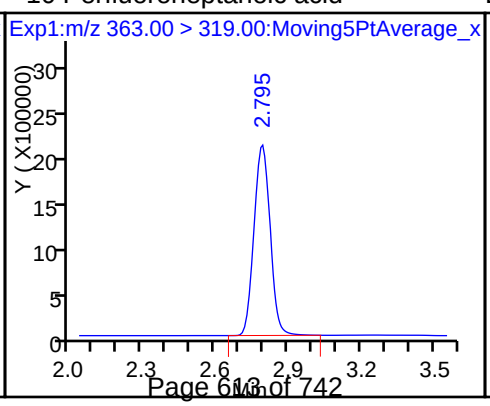
6 Perfluorohexanoic acid



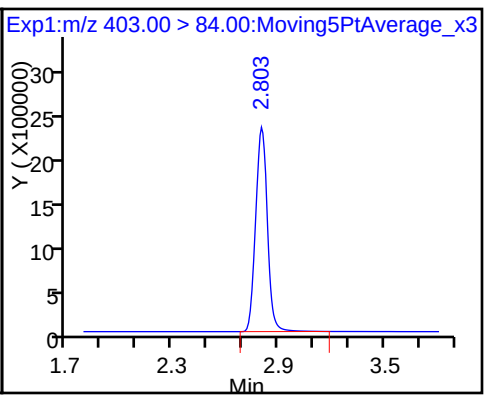
D 9 13C4-PFHpA



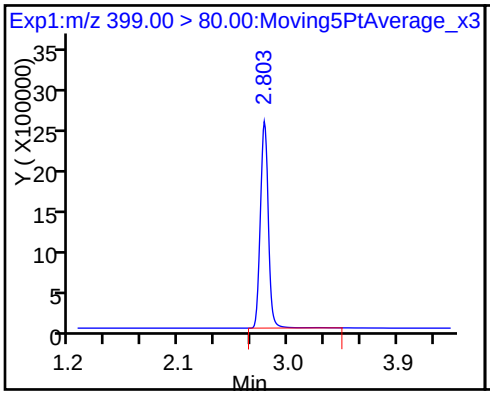
10 Perfluoroheptanoic acid



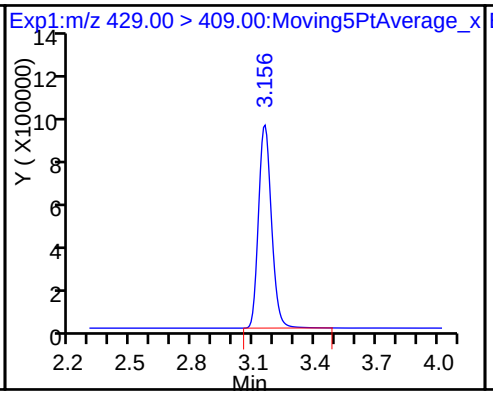
D 11 18O2 PFHxS



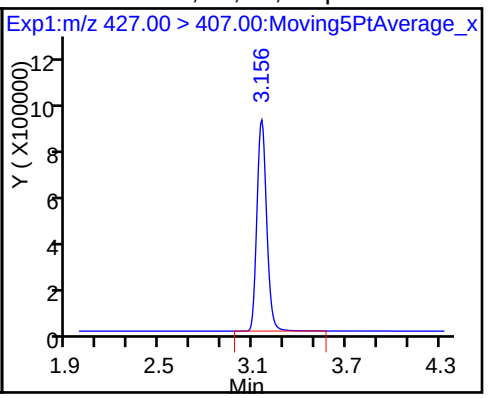
8 Perfluorohexanesulfonic acid



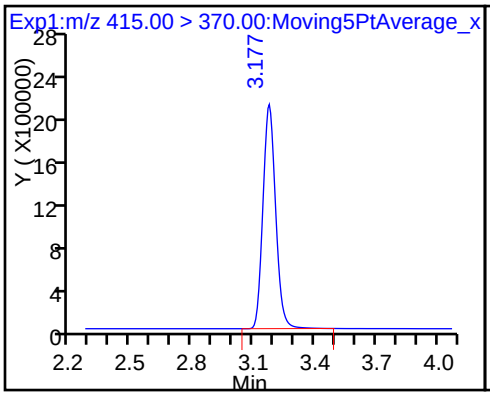
D 12 M2-6:2FTS



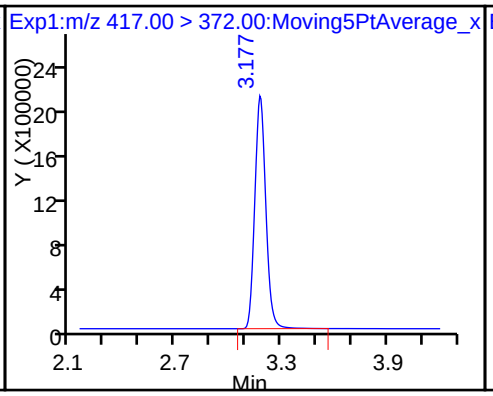
13 Sodium 1H,1H,2H,2H-perfluorooctane



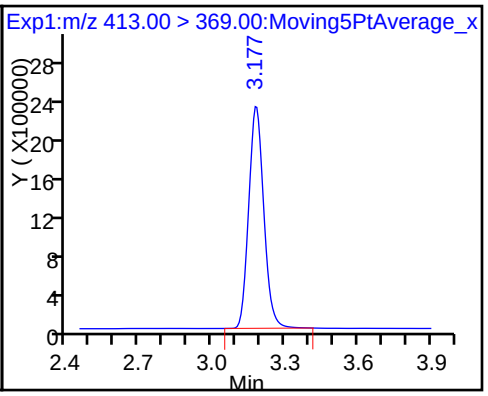
* 62 13C2-PFOA



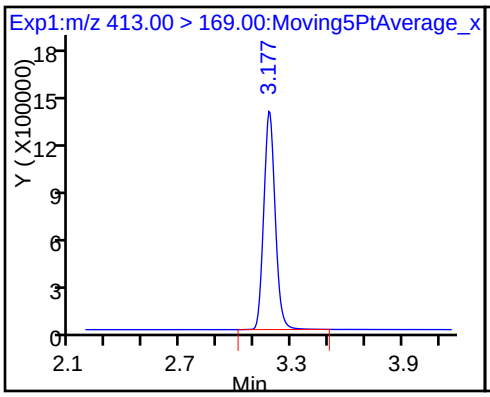
D 14 13C4 PFOA



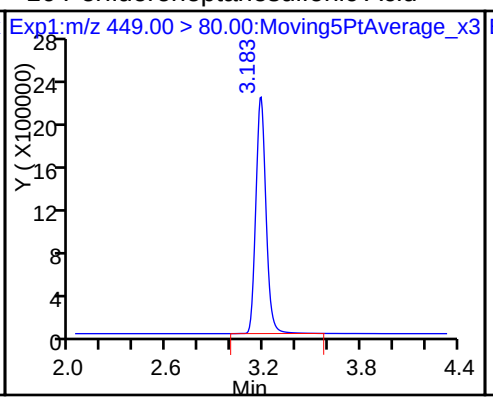
15 Perfluorooctanoic acid



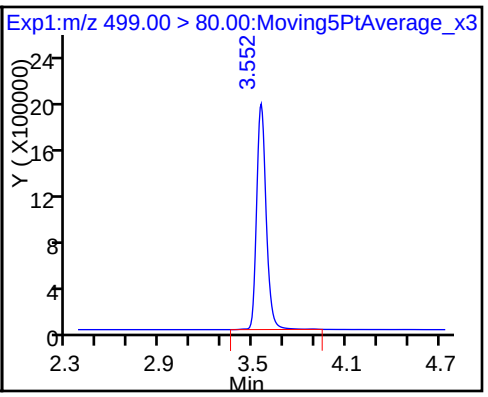
15 Perfluorooctanoic acid



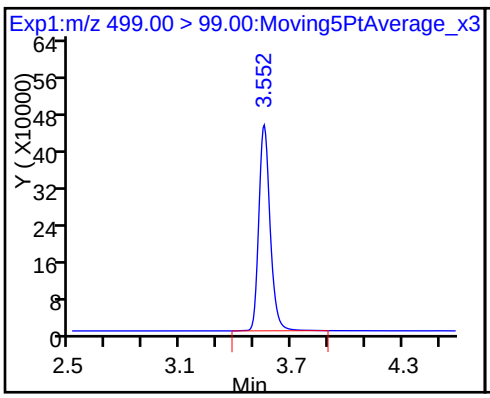
16 Perfluoroheptanesulfonic Acid



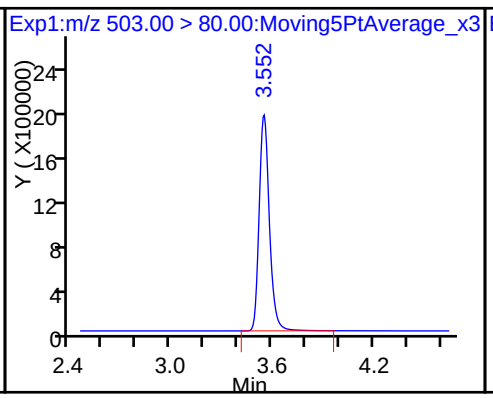
17 Perfluorooctane sulfonic acid



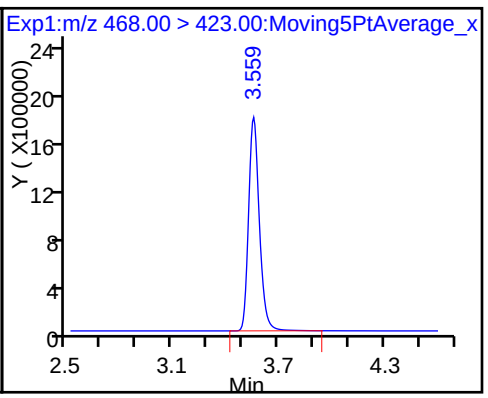
17 Perfluorooctane sulfonic acid



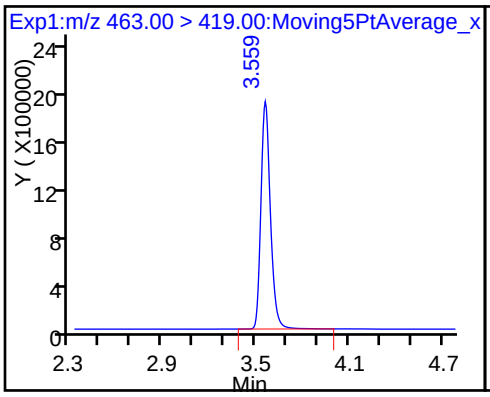
D 18 13C4 PFOS



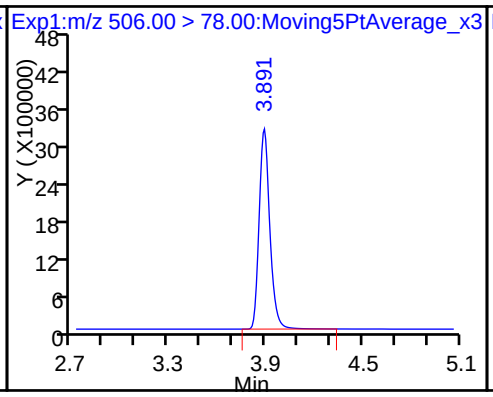
D 19 13C5 PFNA



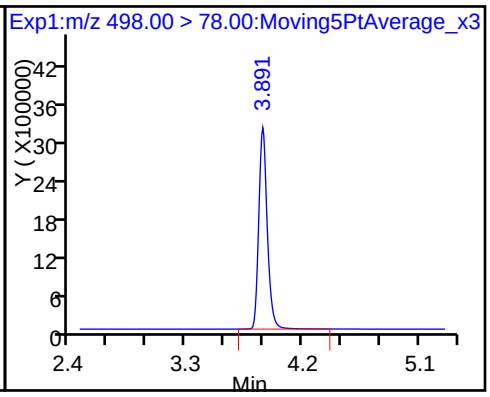
20 Perfluorononanoic acid



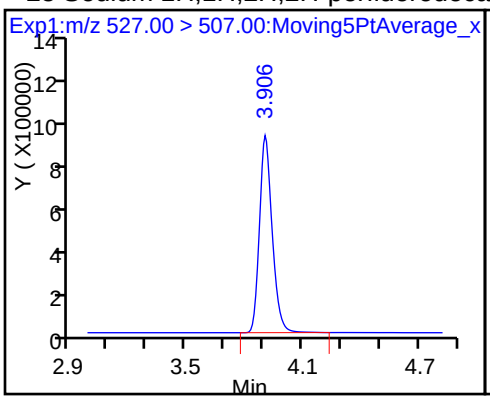
D 21 13C8 FOSA



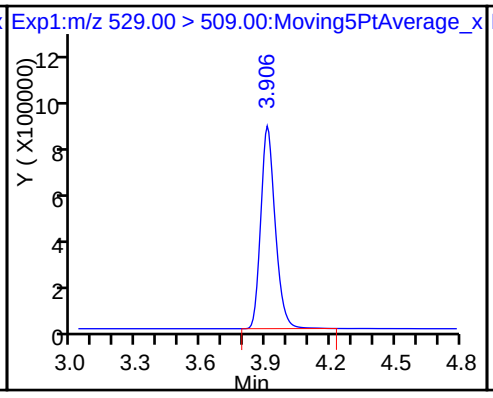
22 Perfluorooctane Sulfonamide



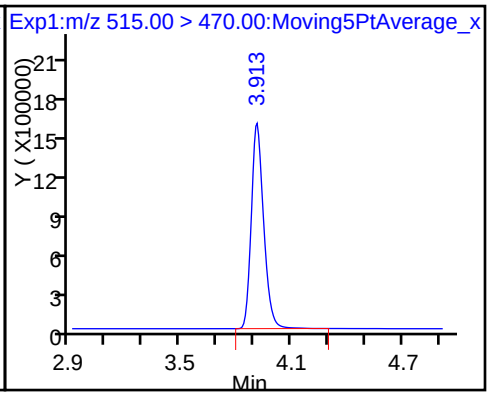
25 Sodium 1H,1H,2H,2H-perfluorodecane



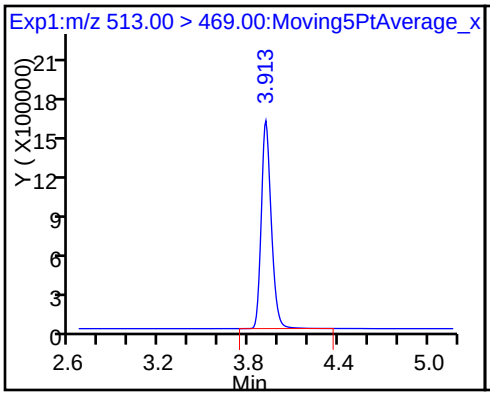
D 26 M2-8:2FTS



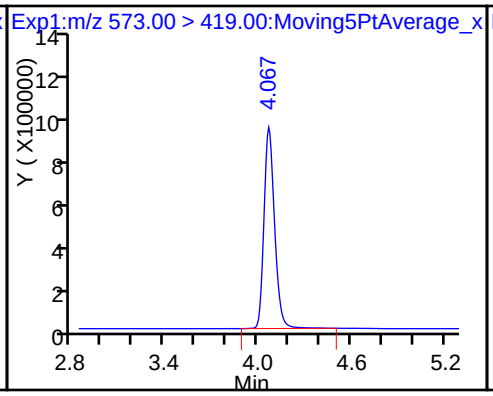
D 23 13C2 PFDA



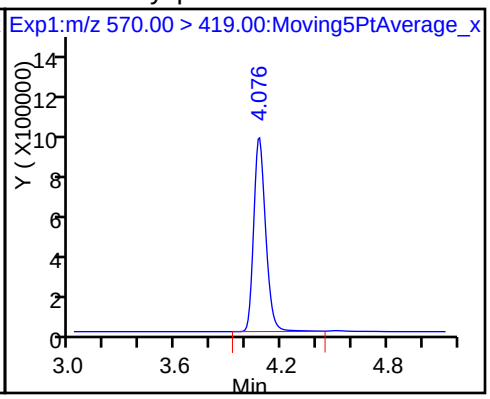
24 Perfluorodecanoic acid



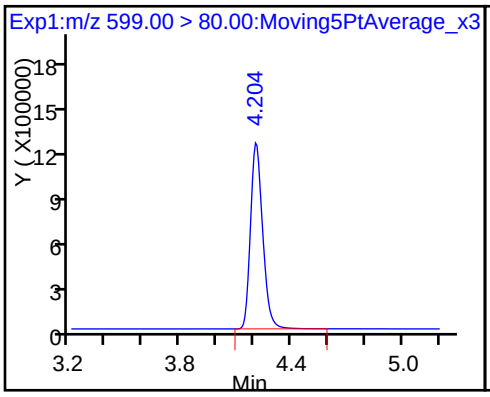
D 27 d3-NMeFOSAA



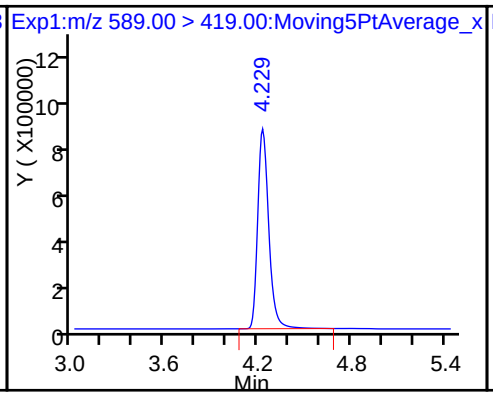
28 N-methyl perfluorooctane sulfonami



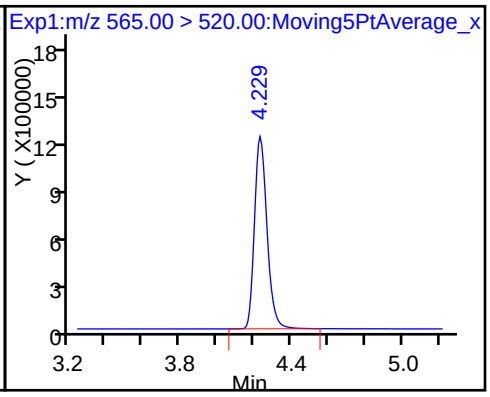
29 Perfluorodecane Sulfonic acid



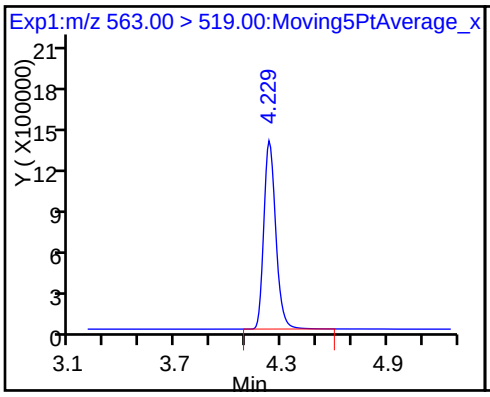
D 32 d5-NEtFOSAA



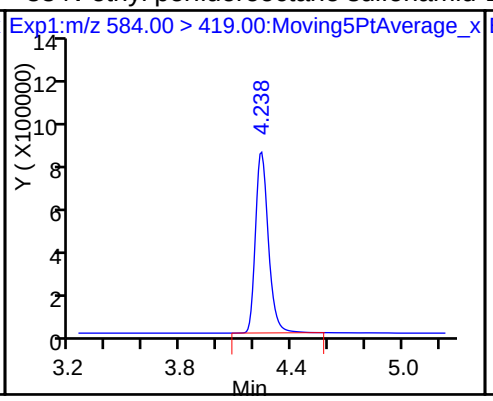
D 30 13C2 PFUnA



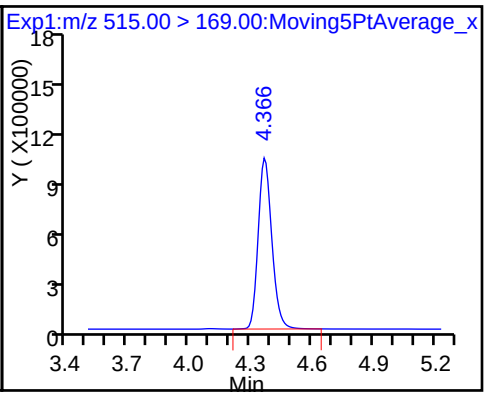
31 Perfluoroundecanoic acid



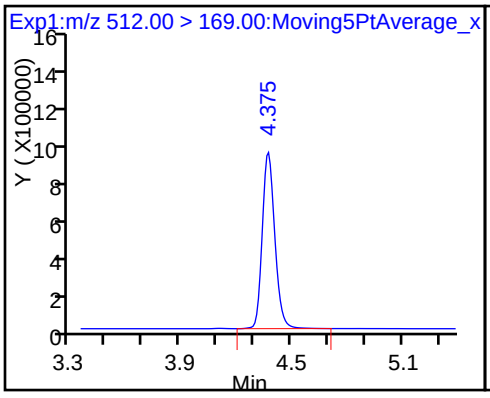
33 N-ethyl perfluorooctane sulfonamid



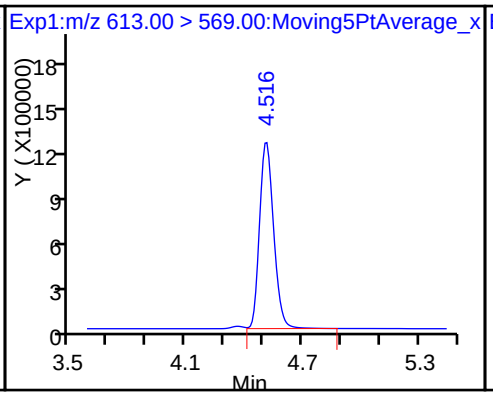
D 34 d-N-MeFOSA-M



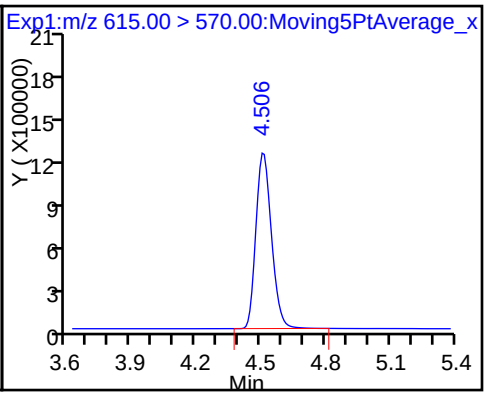
35 MeFOSA



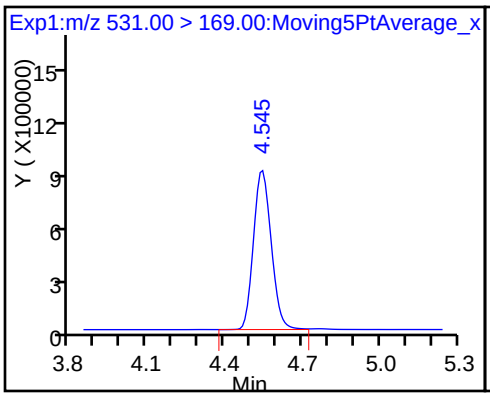
37 Perfluorododecanoic acid



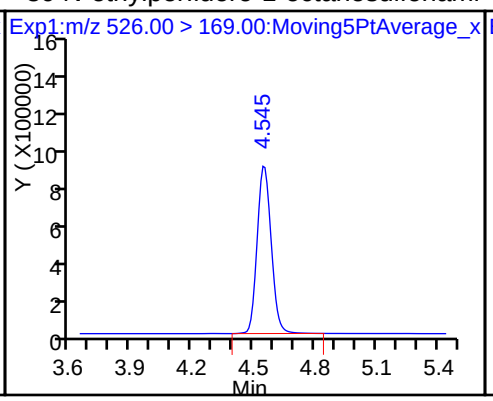
D 36 13C2 PFDoA



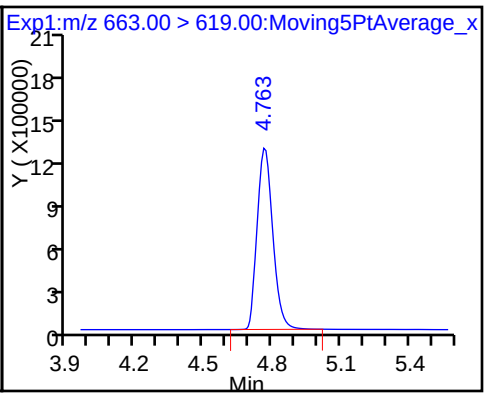
D 38 d-N-EtFOSA-M



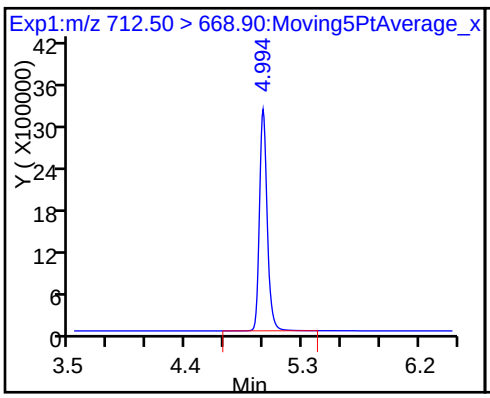
39 N-ethylperfluoro-1-octanesulfonami



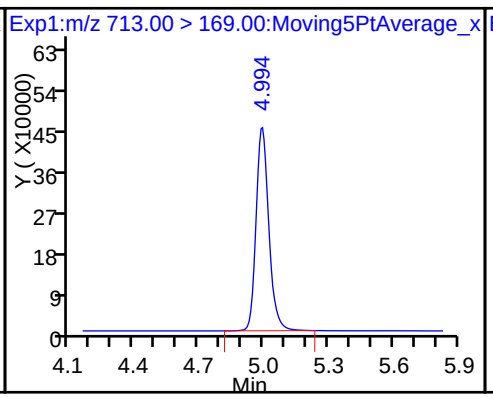
41 Perfluorotridecanoic acid



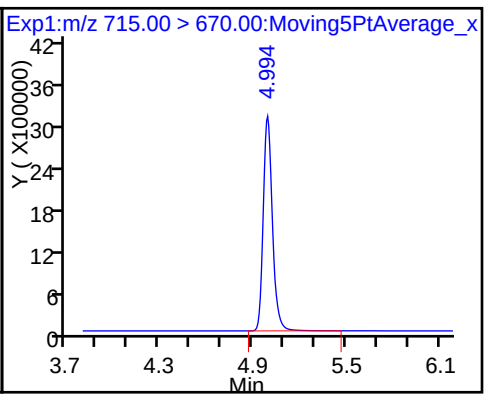
42 Perfluorotetradecanoic acid



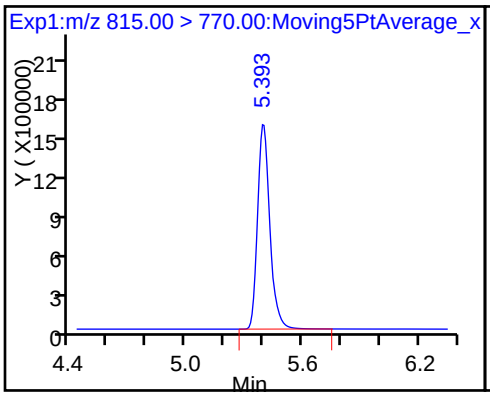
42 Perfluorotetradecanoic acid



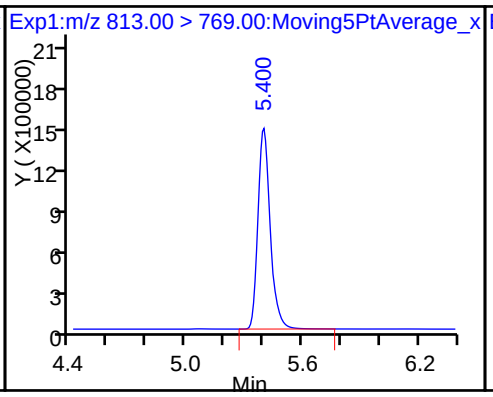
D 43 13C2-PFTeDA



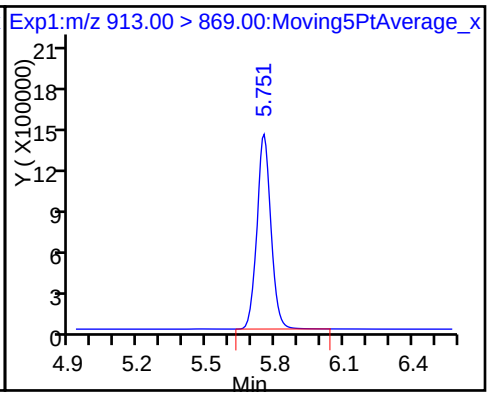
D 44 13C2-PFHxDA



45 Perfluorohexadecanoic acid



46 Perfluorooctadecanoic acid



FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Lab Sample ID: CCVL 320-168680/1 Calibration Date: 06/11/2017 02:12

Instrument ID: A8_N Calib Start Date: 06/06/2017 13:31

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/06/2017 14:25

Lab File ID: 2017.06.10B_004.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	0.9186	0.8894		0.959	0.990	-3.2	50.0
Perfluoropentanoic acid (PFPeA)	AveID	1.041	1.075		1.02	0.990	3.3	50.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.633	1.585		0.850	0.875	-2.9	50.0
Perfluorohexanoic acid (PFHxA)	AveID	1.012	0.9807		0.959	0.990	-3.1	50.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.048	1.042		0.985	0.990	-0.5	50.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.096	1.148		0.944	0.901	4.7	50.0
6:2FTS	AveID	0.9879	0.9696		0.921	0.939	-1.9	50.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.141	1.169		0.966	0.943	2.5	50.0
Perfluorooctanoic acid (PFOA)	AveID	1.068	1.108		1.03	0.990	3.7	50.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.055	1.054		0.917	0.919	-0.2	50.0
Perfluorononanoic acid (PFNA)	AveID	1.002	0.9621		0.950	0.990	-4.0	50.0
Perfluorooctane Sulfonamide (FOSA)	AveID	0.9693	0.9509		0.971	0.990	-1.9	50.0
8:2FTS	AveID	0.9716	1.013		0.989	0.949	4.3	50.0
Perfluorodecanoic acid (PFDA)	AveID	0.9522	0.9421		0.980	0.990	-1.1	50.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.028	0.9882		0.951	0.990	-3.9	50.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6584	0.6185		0.897	0.954	-6.1	50.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.065	1.102		1.02	0.990	3.5	50.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9439	0.9698		1.02	0.990	2.7	50.0
MeFOSA	AveID	0.9633	0.8900		0.915	0.990	-7.6	50.0
Perfluorododecanoic acid (PFDoA)	AveID	0.9562	0.9498		0.983	0.990	-0.7	50.0
N-EtFOSA-M	AveID	1.000	0.9532		0.943	0.990	-4.7	50.0
Perfluorotridecanoic Acid (PFTriA)	AveID	1.000	0.9538		0.945	0.990	-4.6	50.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.223		1.02	0.990	2.8	50.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		1.992		1.30	0.990	31.2	50.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	0.8851	1.137		1.27	0.990	28.4	50.0
13C4 PFBA	Ave	329728	377922		56.7	49.5	14.6	50.0
13C5-PFPeA	Ave	219977	265288		59.7	49.5	20.6	50.0
13C2 PFHxA	Ave	192846	250362		64.3	49.5	29.8	50.0
13C4-PFHpA	Ave	177883	227440		63.3	49.5	27.9	50.0
18O2 PFHxS	Ave	230540	254488		51.7	46.8	10.4	50.0
M2-6:2FTS	Ave	88838	89296		47.3	47.0	0.5	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Lab Sample ID: CCVL 320-168680/1 Calibration Date: 06/11/2017 02:12

Instrument ID: A8_N Calib Start Date: 06/06/2017 13:31

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/06/2017 14:25

Lab File ID: 2017.06.10B_004.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	180322	232127		63.7	49.5	28.7	50.0
13C4 PFOS	Ave	178130	169000		44.9	47.3	-5.1	50.0
13C5 PFNA	Ave	152667	186339		60.4	49.5	22.1	50.0
13C8 FOSA	Ave	300205	277698		45.8	49.5	-7.5	50.0
M2-8:2FTS	Ave	81859	60046		34.8	47.4	-26.6	50.0
13C2 PFDA	Ave	150783	158945		52.2	49.5	5.4	50.0
d3-NMeFOSAA	Ave	88062	76347		42.9	49.5	-13.3	50.0
13C2 PFUnA	Ave	119837	119484		49.4	49.5	-0.3	50.0
d5-NEtFOSAA	Ave	87293	74167		42.1	49.5	-15.0	50.0
d-N-MeFOSA-M	Ave	88593	83248		46.5	49.5	-6.0	50.0
13C2 PFDoA	Ave	124485	114869		45.7	49.5	-7.7	50.0
d-N-EtFOSA-M	Ave	82760	83455		49.9	49.5	0.8	50.0
13C2-PFTeDA	Ave	257086	235609		45.4	49.5	-8.4	50.0
13C2-PFHxDA	Ave	136854	147755		53.4	49.5	8.0	50.0

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44115.b\2017.06.10B_004.d
Lims ID: CCVL
Client ID:
Sample Type: CCVL
Inject. Date: 11-Jun-2017 02:12:43 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\20170611-44115.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 12-Jun-2017 14:59:20 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK020

First Level Reviewer: chandrasenas Date: 11-Jun-2017 11:41:04

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	1.874	1.873	0.001	1.000	332778	0.9586		96.8	115	
D 1 13C4 PFBA										
217.00 > 172.00	1.874	1.873	0.001		18709002	56.7		115	133740	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.212	2.211	0.001	1.000	282365	1.02		103	104	
D 3 13C5-PFPeA										
267.90 > 223.00	2.212	2.211	0.001		13133059	59.7		121	52957	
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.253	2.251	0.002	1.000	353041	0.8498		97.1		
298.90 > 99.00	2.253	2.251	0.002	1.000	149323		2.36(0.00-0.00)			
D 47 13C3-PFBS										
301.90 > 83.00	2.253	2.251	0.002		294213	NC				
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.534	2.532	0.002	1.000	67100	0.8728		94.4		
6 Perfluorohexanoic acid										
313.00 > 269.00	2.575	2.574	0.001	1.000	243088	0.9591		96.9	574	
D 7 13C2 PFHxA										
315.00 > 270.00	2.575	2.574	0.001		12394147	64.3		130	43111	
D 9 13C4-PFHpA										
367.00 > 322.00	2.966	2.965	0.001		11259419	63.3		128	42924	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.966	2.965	0.001	1.000	234696	0.9848		99.5	151	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.980	2.973	0.007	1.000	263176	0.9437		105		
D 11 18O2 PFHxS										
403.00 > 84.00	2.980	2.973	0.007		11918106	51.7		110	22610	

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	3.339	3.331	0.008	1.000	81264	0.9212		98.1		
D 12 M2-6:2FTS										
429.00 > 409.00	3.339	3.331	0.008		4199558	47.3		101		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.362	3.354	0.008	1.000	186276	0.9664		103		
15 Perfluorooctanoic acid										
413.00 > 369.00	3.362	3.354	0.008	1.000	254763	1.03		104	98.5	
413.00 > 169.00	3.362	3.354	0.008	1.000	146583		1.74(0.90-1.10)		401	
D 14 13C4 PFOA										
417.00 > 372.00	3.362	3.354	0.008		11491449	63.7		129	37721	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.730	3.607	0.123	1.000	163596	0.9172		99.8	537	
499.00 > 99.00	3.730	3.607	0.123	1.000	34280		4.77(0.90-1.10)		470	
D 18 13C4 PFOS										
503.00 > 80.00	3.730	3.721	0.009		7998215	44.9		94.9	23503	
20 Perfluorononanoic acid										
463.00 > 419.00	3.738	3.730	0.008	1.000	177500	0.9503		96.0	498	
D 19 13C5 PFNA										
468.00 > 423.00	3.738	3.730	0.008		9224722	60.4		122	19384	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.073	4.063	0.009	1.000	261455	0.9714		98.1	1973	
D 21 13C8 FOSA										
506.00 > 78.00	4.073	4.063	0.009		13747422	45.8		92.5	21530	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.081	4.080	0.001	1.000	57720	0.9894		104		
D 26 M2-8:2FTS										
529.00 > 509.00	4.081	4.080	0.001		2847717	34.8		73.4		
24 Perfluorodecanoic acid										
513.00 > 469.00	4.089	4.080	0.009	1.000	148258	0.9796		98.9	703	
D 23 13C2 PFDA										
515.00 > 470.00	4.089	4.080	0.009		7868547	52.2		105	16726	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.243	4.233	0.010		3779548	42.9		86.7		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.243	4.242	0.001	1.000	74695	0.9513		96.1		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.372	4.370	0.002	1.000	99762	0.8965		93.9		
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.399	4.388	0.011	1.000	130414	1.02		103	615	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.399	4.388	0.011		3671618	42.1		85.0		
D 30 13C2 PFUnA										
565.00 > 520.00	4.399	4.388	0.011		5915037	49.4		99.7	9336	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.408	4.398	0.010	1.002	71214	1.02		103		
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.542	4.529	0.013		4121190	46.5		94.0		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
35 MeFOSA										
512.00 > 169.00	4.542	4.539	0.003	1.000	73357	0.9148		92.4		
D 36 13C2 PFDoA										
615.00 > 570.00	4.675	4.664	0.011		5686586	45.7		92.3	5452	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.675	4.528	0.147	1.000	108024	0.9835		99.3	98.8	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.709	4.705	0.004		4131422	49.9		101		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.716	4.705	0.011	1.000	78763	0.9434		95.3		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.923	4.911	0.012	1.000	108477	0.9446		95.4	273	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.144	5.140	0.004	1.000	252790	1.02		103	229	
713.00 > 169.00	5.144	5.140	0.004	1.000	38089		6.64(0.00-0.00)		780	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.144	5.140	0.004		11663814	45.4		91.6	10883	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.544	5.540	0.004		7314593	53.4		108	3773	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.544	5.540	0.004	1.000	226537	1.30		131	29.3	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.889	5.880	0.009	1.000	129273	1.27		128	17.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L2_00003 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2017 14:59:20 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44115.b\2017.06.10B_004.d

Injection Date: 11-Jun-2017 02:12:43 Instrument ID: A8_N

Lims ID: CCVL

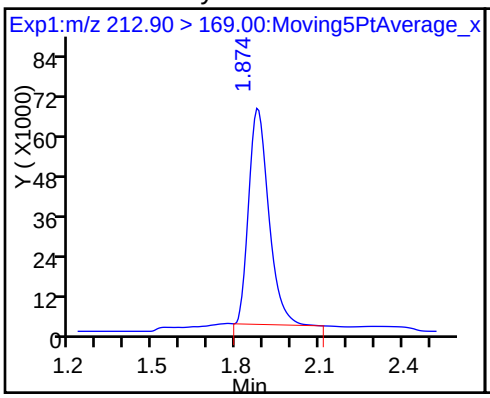
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 29 Worklist Smp#: 1

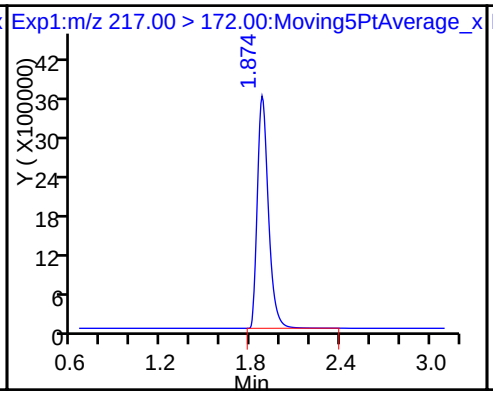
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

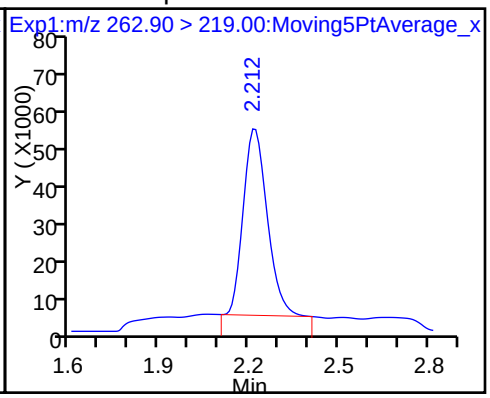
2 Perfluorobutyric acid



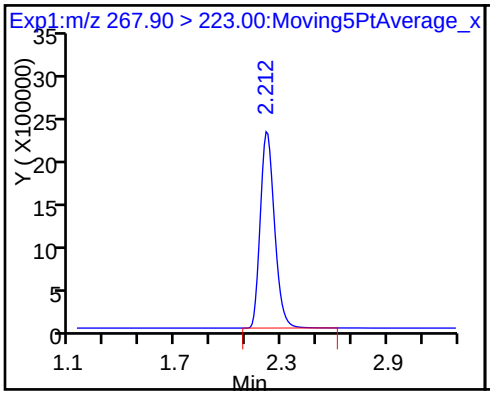
D 1 13C4 PFBA



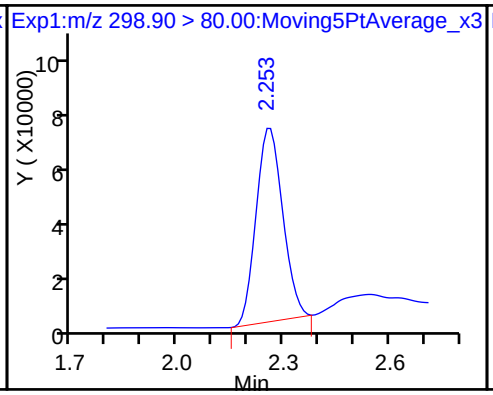
4 Perfluoropentanoic acid



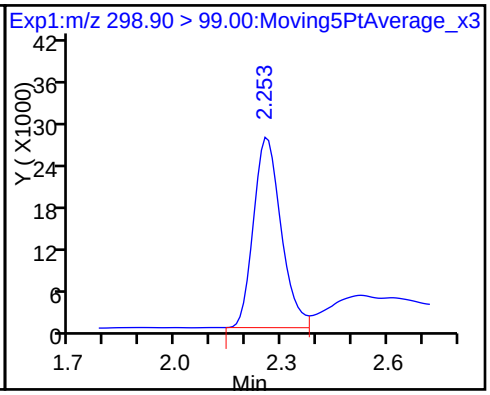
D 3 13C5-PFPeA



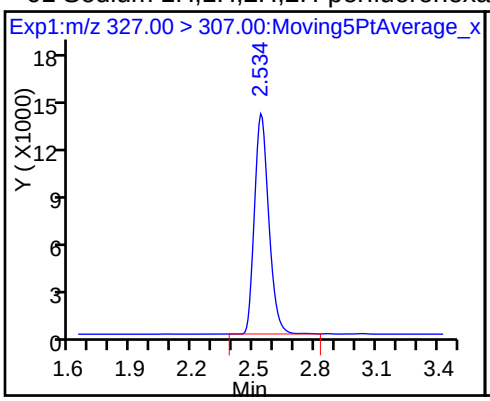
5 Perfluorobutanesulfonic acid



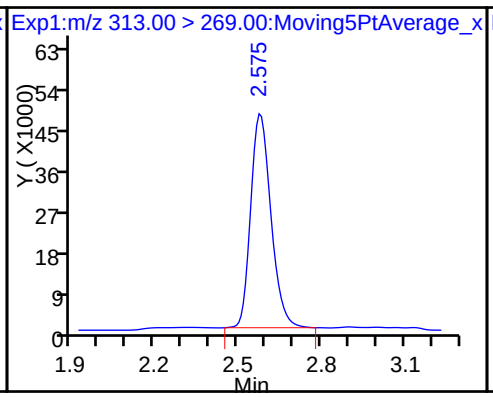
5 Perfluorobutanesulfonic acid



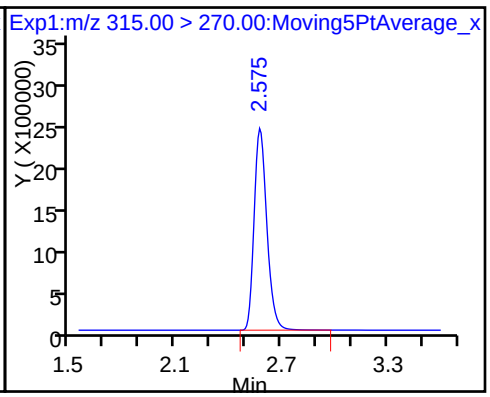
61 Sodium 1H,1H,2H,2H-perfluorohexane



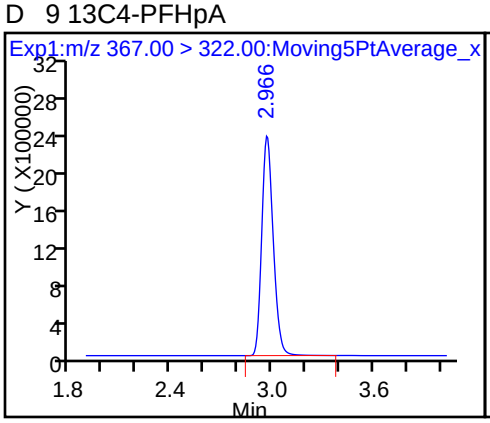
6 Perfluorohexanoic acid



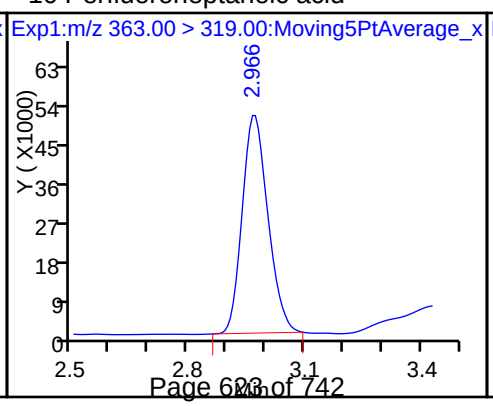
D 7 13C2 PFHxA



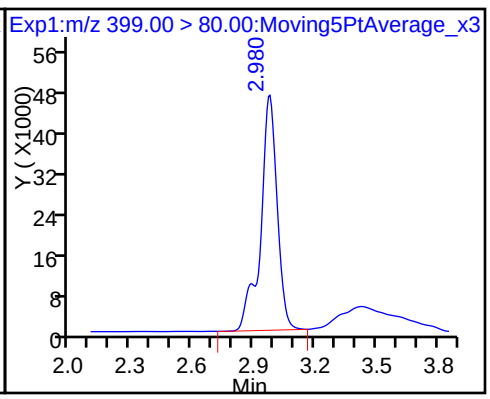
D 9 13C4-PFHpA



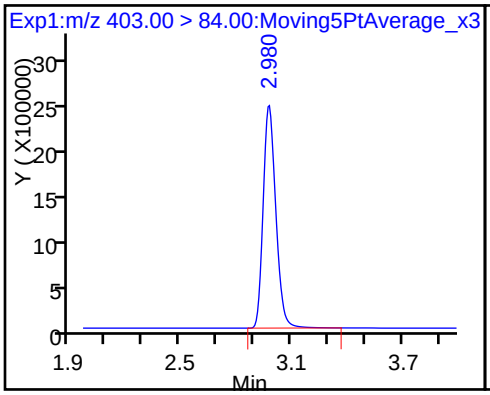
10 Perfluoroheptanoic acid



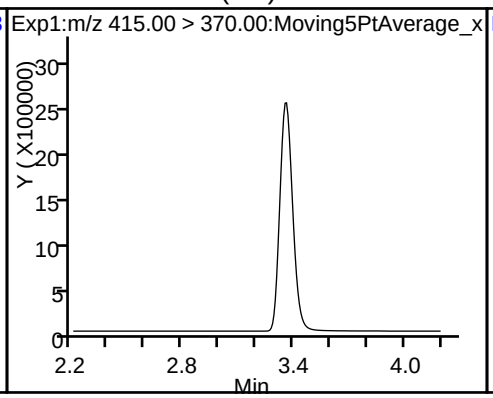
8 Perfluorohexanesulfonic acid



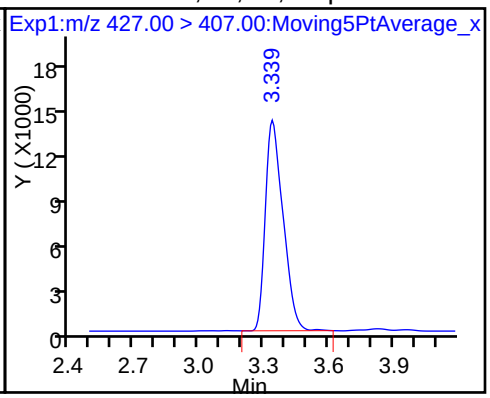
D 11 18O2 PFHxS



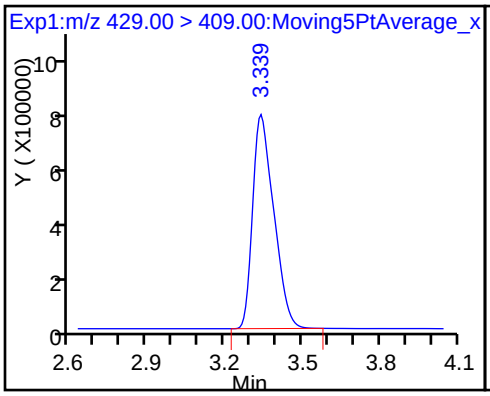
* 62 13C2-PFOA (ND)



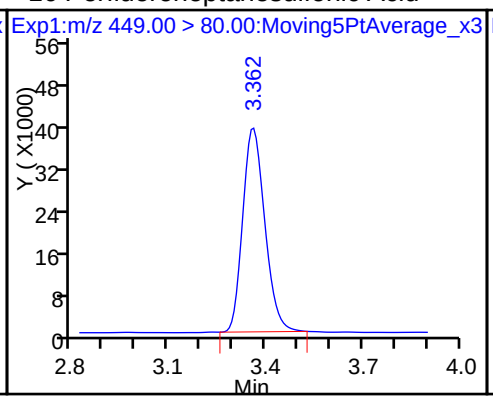
13 Sodium 1H,1H,2H,2H-perfluorooctane



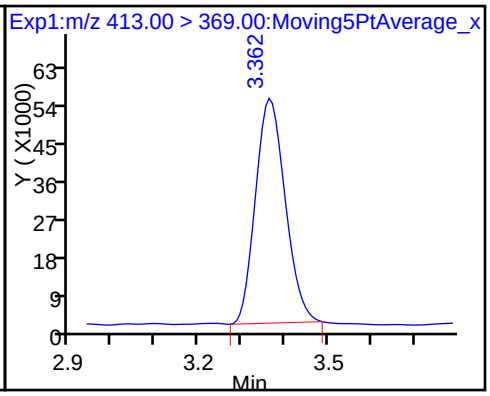
D 12 M2-6:2FTS



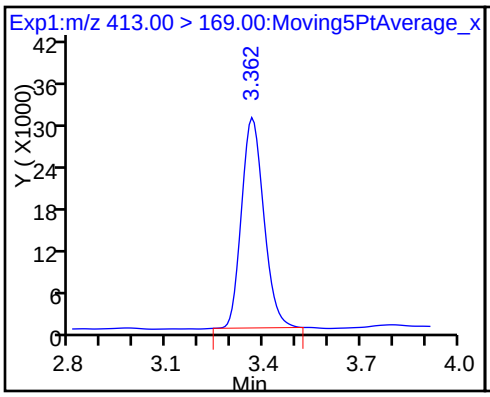
16 Perfluoroheptanesulfonic Acid



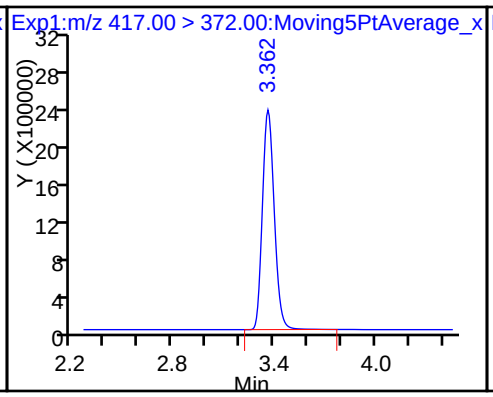
15 Perfluorooctanoic acid



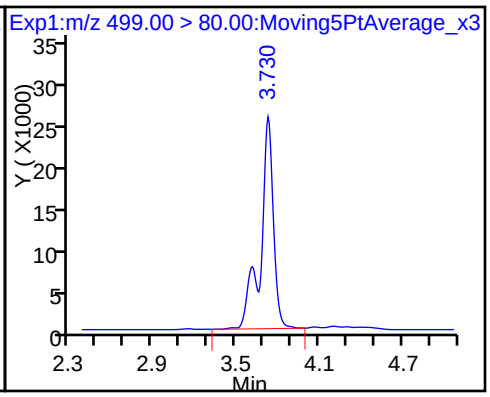
15 Perfluorooctanoic acid



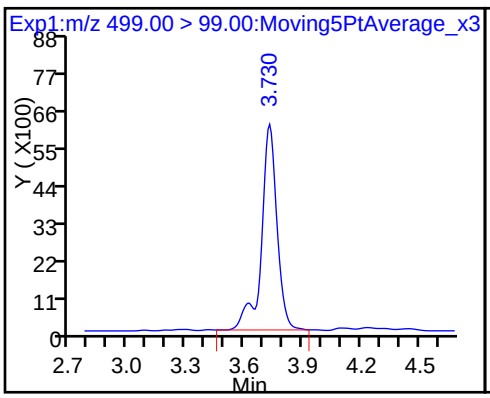
D 14 13C4 PFOA



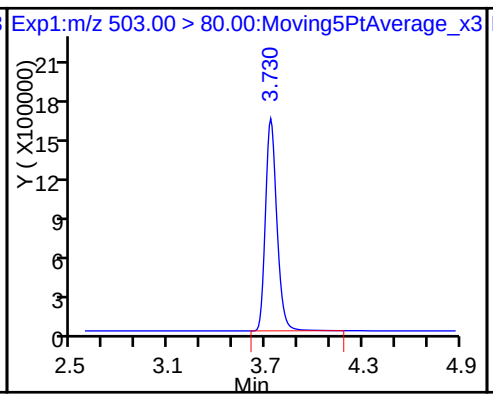
17 Perfluorooctane sulfonic acid



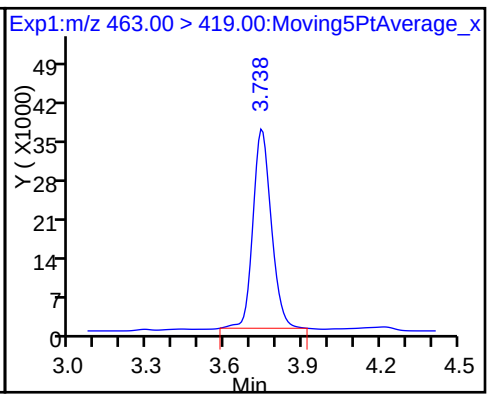
17 Perfluorooctane sulfonic acid



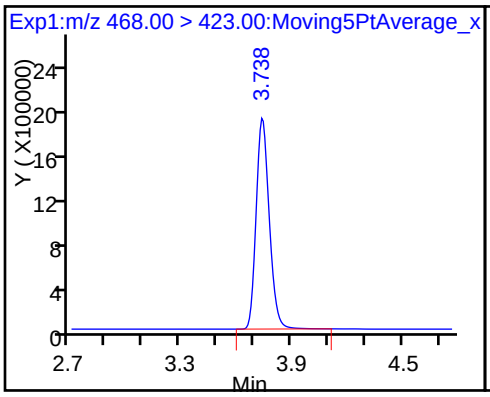
D 18 13C4 PFOS



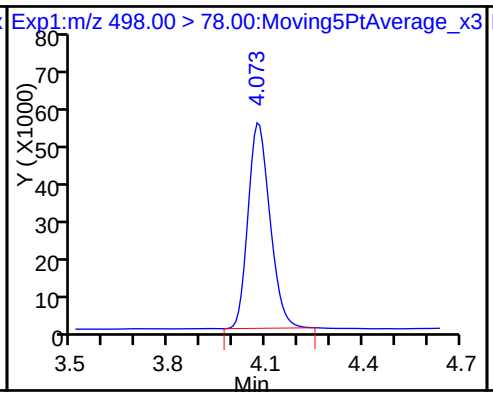
20 Perfluorononanoic acid



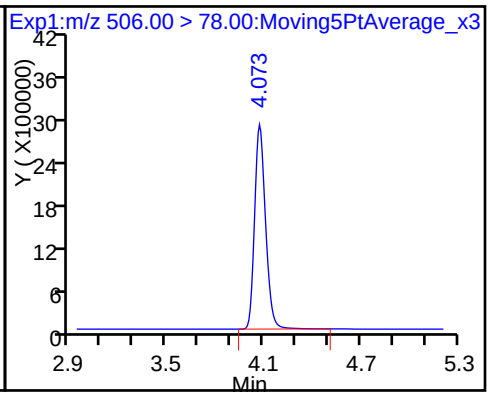
D 19 13C5 PFNA



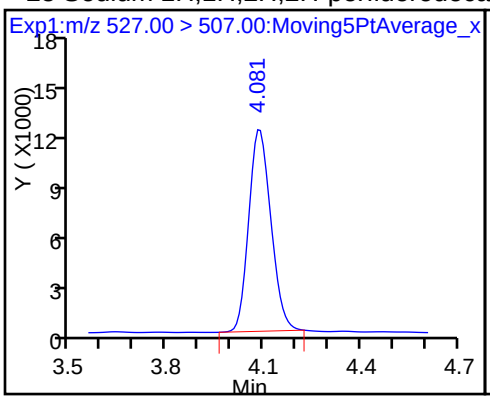
22 Perfluorooctane Sulfonamide



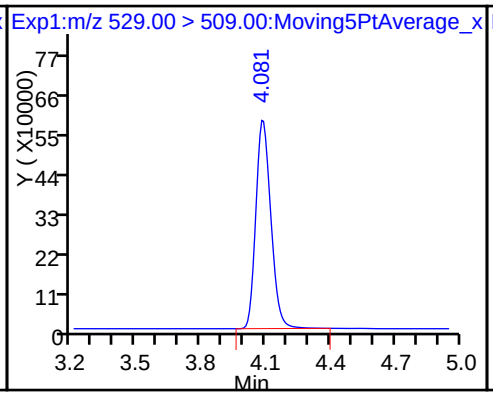
D 21 13C8 FOSA



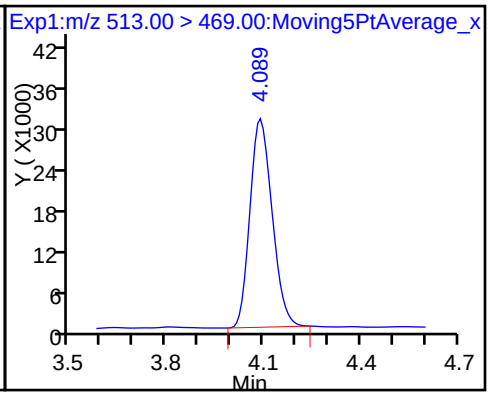
25 Sodium 1H,1H,2H,2H-perfluorodecan



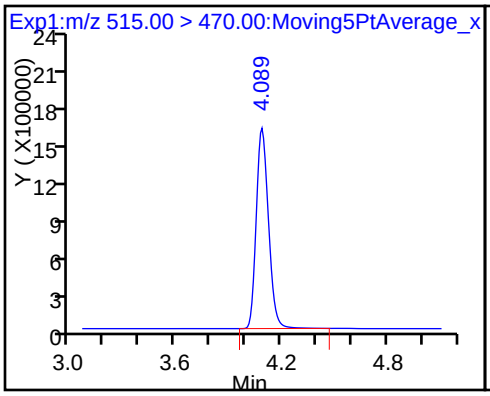
D26 M2-8:2FTS



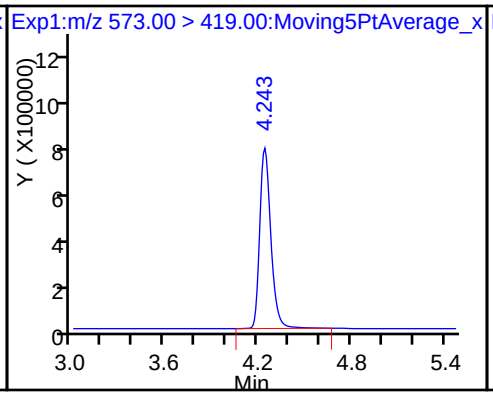
24 Perfluorodecanoic acid



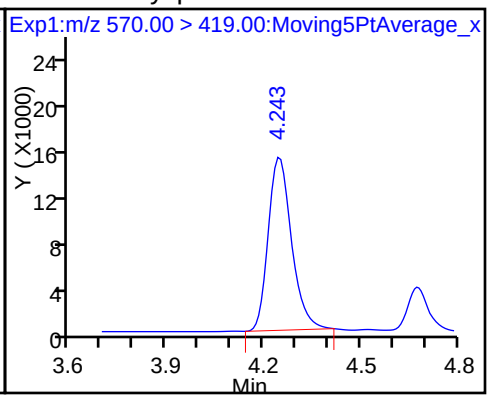
D 23 13C2 PFDA



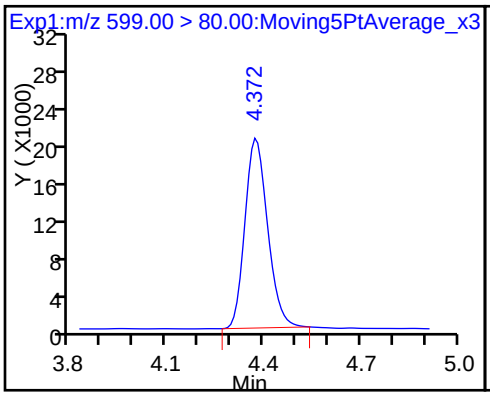
D 27 d3-NMeFOSAA



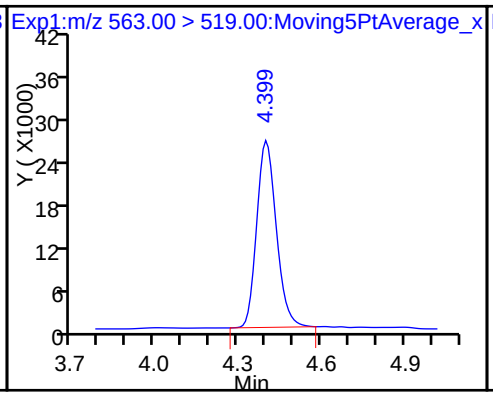
28 N-methyl perfluorooctane sulfonami



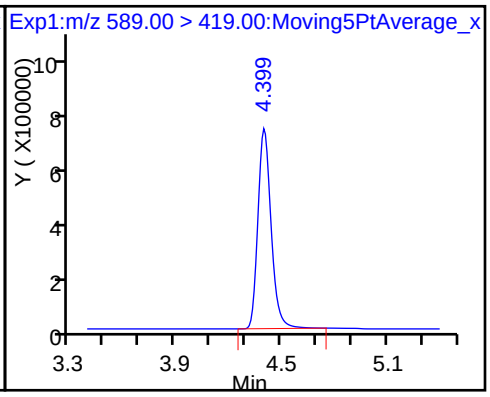
29 Perfluorodecane Sulfonic acid



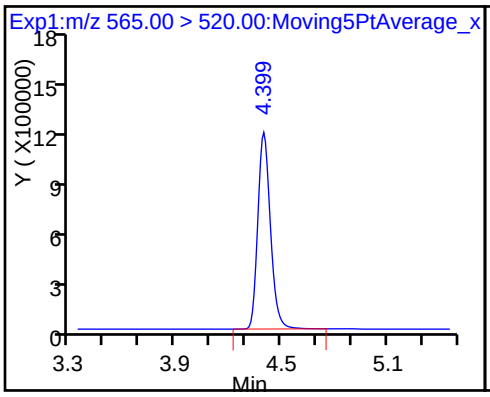
31 Perfluoroundecanoic acid



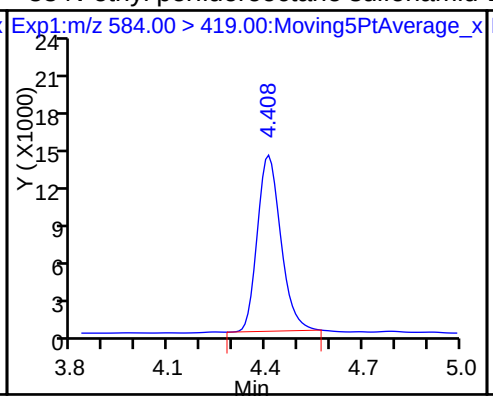
D 32 d5-NEtFOSAA



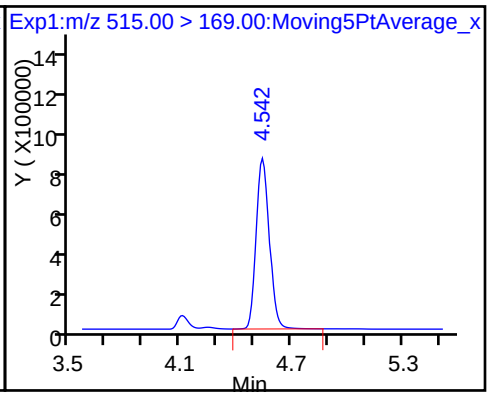
D 30 13C2 PFUnA



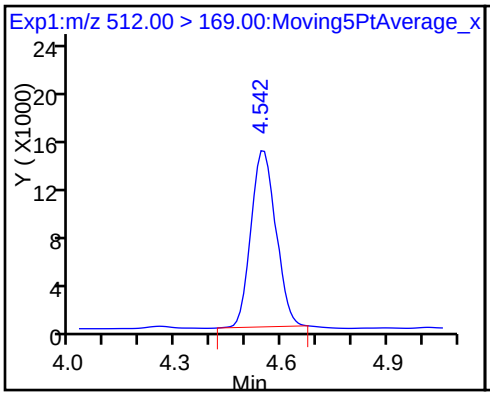
33 N-ethyl perfluorooctane sulfonamid



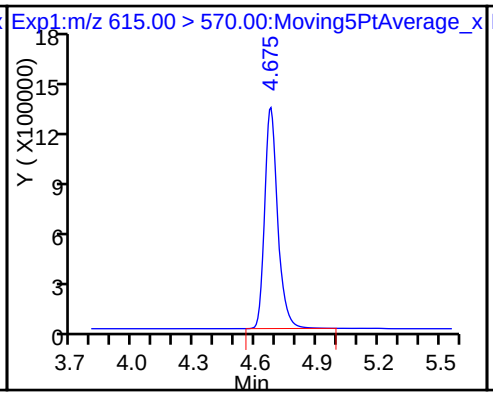
D 34 d-N-MeFOSA-M



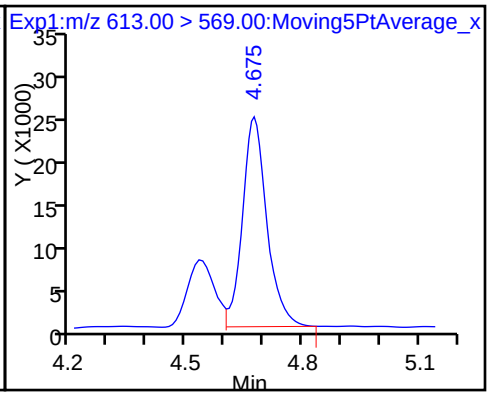
35 MeFOSA



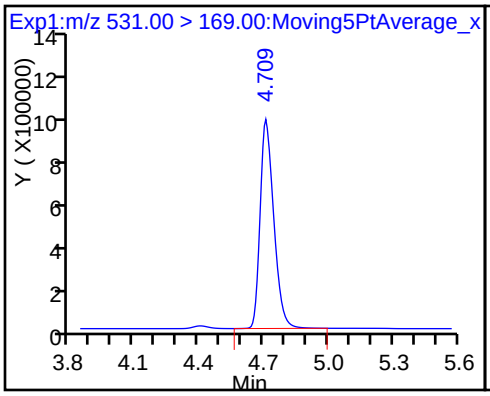
D 36 13C2 PFDoA



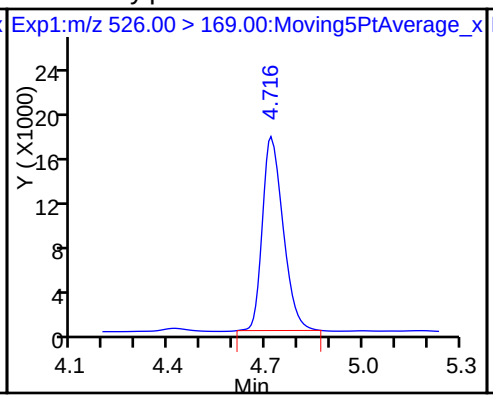
37 Perfluorododecanoic acid



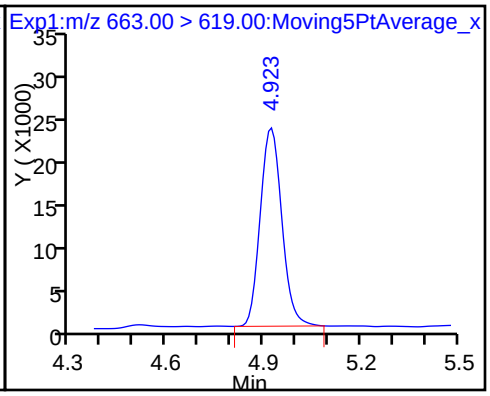
D 38 d-N-EtFOSA-M



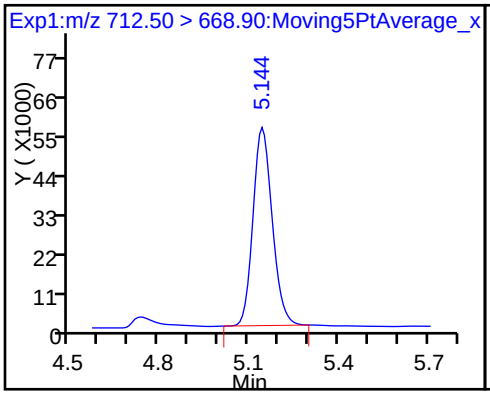
39 N-ethylperfluoro-1-octanesulfonami



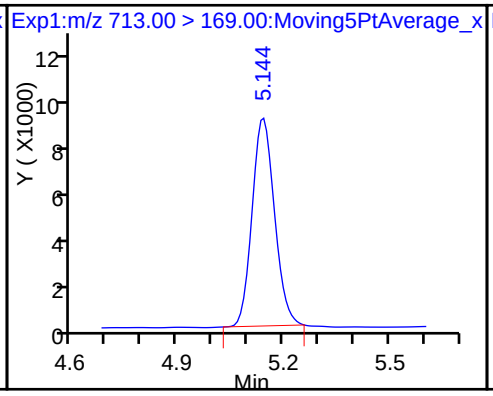
41 Perfluorotridecanoic acid



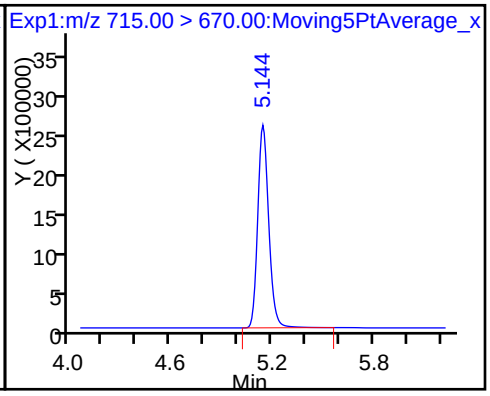
42 Perfluorotetradecanoic acid



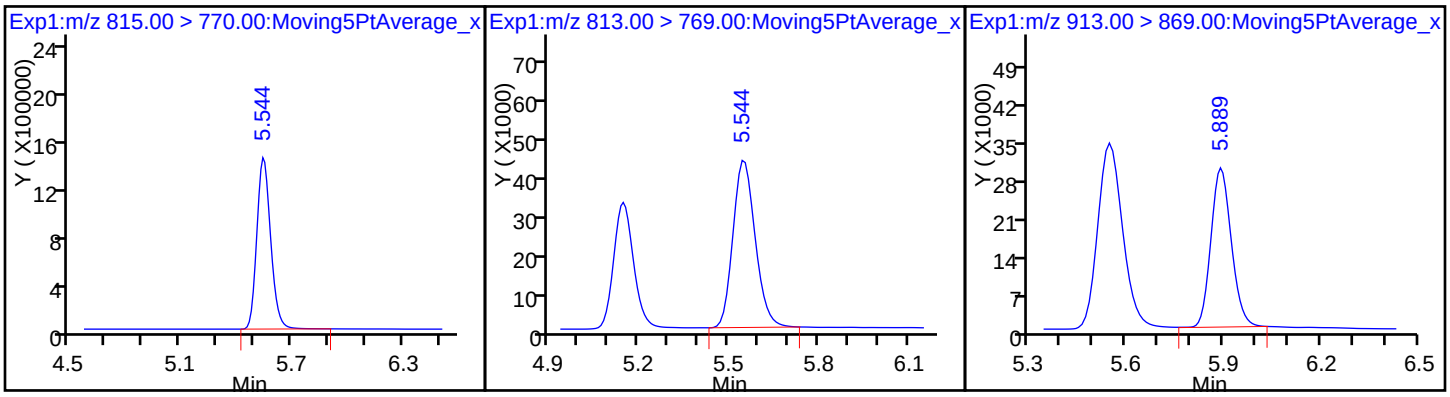
42 Perfluorotetradecanoic acid



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.: 320-28800-1

SDG No.:

Lab Sample ID: CCV 320-168683/1 Calibration Date: 06/11/2017 05:02

Instrument ID: A8_N Calib Start Date: 06/06/2017 13:31

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/06/2017 14:25

Lab File ID: 2017.06.10B_026.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	0.9186	0.9373		20.2	19.8	2.0	25.0
Perfluoropentanoic acid (PFPeA)	AveID	1.041	1.057		20.1	19.8	1.5	25.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.633	1.934		20.7	17.5	18.5	25.0
Perfluorohexanoic acid (PFHxA)	AveID	1.012	1.019		19.9	19.8	0.6	25.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.048	1.069		20.2	19.8	2.0	25.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.096	1.091		17.9	18.0	-0.5	25.0
6:2FTS	AveID	0.9879	1.028		19.5	18.8	4.1	25.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.141	1.218		20.1	18.9	6.7	25.0
Perfluorooctanoic acid (PFOA)	AveID	1.068	1.130		20.9	19.8	5.8	25.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.055	1.050		18.3	18.4	-0.5	25.0
Perfluorononanoic acid (PFNA)	AveID	1.002	0.998		19.7	19.8	-0.5	25.0
Perfluorooctane Sulfonamide (FOSA)	AveID	0.9693	1.020		20.8	19.8	5.2	25.0
8:2FTS	AveID	0.9716	1.017		19.9	19.0	4.7	25.0
Perfluorodecanoic acid (PFDA)	AveID	0.9522	0.9171		19.1	19.8	-3.7	25.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.028	1.067		20.5	19.8	3.8	25.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6584	0.6198		18.0	19.1	-5.9	25.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.065	0.998		18.6	19.8	-6.3	25.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9439	0.9756		20.5	19.8	3.4	25.0
MeFOSA	AveID	0.9633	1.003		20.6	19.8	4.1	25.0
Perfluorododecanoic acid (PFDoA)	AveID	0.9562	0.9348		19.4	19.8	-2.2	25.0
N-EtFOSA-M	AveID	1.000	1.049		20.8	19.8	4.9	25.0
Perfluorotridecanoic Acid (PFTriA)	AveID	1.000	0.9725		19.3	19.8	-2.7	25.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.114		20.2	19.8	1.8	25.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		1.148		23.5	19.8	18.6	25.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	0.8851	1.191		26.6	19.8	34.6*	25.0
13C4 PFBA	Ave	329728	379132		56.9	49.5	15.0	50.0
13C5-PFPeA	Ave	219977	273961		61.7	49.5	24.5	50.0
13C2 PFHxA	Ave	192846	249358		64.0	49.5	29.3	50.0
13C4-PFHpA	Ave	177883	229783		63.9	49.5	29.2	50.0
18O2 PFHxS	Ave	230540	253217		51.4	46.8	9.8	50.0
M2-6:2FTS	Ave	88838	82049		43.4	47.0	-7.6	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Lab Sample ID: CCV 320-168683/1 Calibration Date: 06/11/2017 05:02

Instrument ID: A8_N Calib Start Date: 06/06/2017 13:31

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/06/2017 14:25

Lab File ID: 2017.06.10B_026.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	180322	227276		62.4	49.5	26.0	50.0
13C4 PFOS	Ave	178130	177675		47.2	47.3	-0.3	50.0
13C5 PFNA	Ave	152667	185972		60.3	49.5	21.8	50.0
13C8 FOSA	Ave	300205	266233		43.9	49.5	-11.3	50.0
M2-8:2FTS	Ave	81859	65377		37.9	47.4	-20.1	50.0
13C2 PFDA	Ave	150783	162005		53.2	49.5	7.4	50.0
d3-NMeFOSAA	Ave	88062	84686		47.6	49.5	-3.8	50.0
13C2 PFUnA	Ave	119837	117379		48.5	49.5	-2.1	50.0
d5-NEtFOSAA	Ave	87293	81310		46.1	49.5	-6.9	50.0
d-N-MeFOSA-M	Ave	88593	83753		46.8	49.5	-5.5	50.0
13C2 PFDoA	Ave	124485	121051		48.1	49.5	-2.8	50.0
d-N-EtFOSA-M	Ave	82760	82926		49.6	49.5	0.2	50.0
13C2-PFTeDA	Ave	257086	248536		47.9	49.5	-3.3	50.0
13C2-PFHxDA	Ave	136854	153364		55.5	49.5	12.1	50.0

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_026.d
Lims ID: CCV L4
Client ID:
Sample Type: CCV
Inject. Date: 11-Jun-2017 05:02:24 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\20170611-44116.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 12-Jun-2017 17:04:04 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK020

First Level Reviewer: chandrasenas Date: 12-Jun-2017 15:46:39

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	1.874	1.874	0.0		18768918	56.9		115	88951	
2 Perfluorobutyric acid										
212.90 > 169.00	1.874	1.874	0.0	1.000	7037008	20.2		102	1399	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.211	2.211	0.0	1.000	5732146	20.1		102	1963	
D 3 13C5-PFPeA										
267.90 > 223.00	2.211	2.211	0.0		13562444	61.7		125	67365	
D 47 13C3-PFBS										
301.90 > 83.00	2.252	2.252	0.0		310342	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.252	2.252	0.0	1.000	8573472	20.7		118		
298.90 > 99.00	2.252	2.252	0.0	1.000	3213382		2.67(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.532	2.532	0.0	1.000	1476393	20.9		113		
6 Perfluorohexanoic acid										
313.00 > 269.00	2.574	2.574	0.0	1.000	5029738	19.9		101	7170	
D 7 13C2 PFHxA										
315.00 > 270.00	2.574	2.574	0.0		12344440	64.0		129	39763	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.957	2.957	0.0	1.000	4863662	20.2		102	2309	
D 9 13C4-PFHpA										
367.00 > 322.00	2.957	2.957	0.0		11375377	63.9		129	41694	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.971	2.971	0.0	1.000	4977100	17.9		99.5		
D 11 18O2 PFHxS										
403.00 > 84.00	2.971	2.971	0.0		11858599	51.4		110	25128	

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	3.331	3.331	0.0	1.000	1584074	19.5		104		
D 12 M2-6:2FTS										
429.00 > 409.00	3.331	3.331	0.0		3858763	43.4		92.4		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.346	3.346	0.0	1.000	4078097	20.1		107		
D 14 13C4 PFOA										
417.00 > 372.00	3.354	3.354	0.0		11251311	62.4		126	35552	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.354	3.354	0.0	1.000	5086826	20.9		106	1577	
413.00 > 169.00	3.354	3.354	0.0	1.000	2903700		1.75(0.90-1.10)		3550	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.671	3.671	0.0	1.000	3429756	18.3		99.5	836	
499.00 > 99.00	3.713	3.671	0.042	1.011	771184		4.45(0.90-1.10)		4016	
D 18 13C4 PFOS										
503.00 > 80.00	3.713	3.713	0.0		8408795	47.2		99.7	24281	
20 Perfluorononanoic acid										
463.00 > 419.00	3.729	3.729	0.0	1.000	3673510	19.7		99.5	7124	
D 19 13C5 PFNA										
468.00 > 423.00	3.729	3.729	0.0		9206538	60.3		122	38734	
D 21 13C8 FOSA										
506.00 > 78.00	4.063	4.063	0.0		13179844	43.9		88.7	20142	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.063	4.063	0.0	1.000	5374994	20.8		105	16203	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.071	4.071	0.0	1.000	1261502	19.9		105		
D 26 M2-8:2FTS										
529.00 > 509.00	4.071	4.071	0.0		3100559	37.9		79.9		
D 23 13C2 PFDA										
515.00 > 470.00	4.079	4.079	0.0		8020038	53.2		107	23491	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.079	4.079	0.0	1.000	2942024	19.1		96.3	11057	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.232	4.232	0.0		4192372	47.6		96.2		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.232	4.232	0.0	1.000	1789547	20.5		104		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.360	4.360	0.0	1.000	2102141	18.0		94.1		
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.387	4.387	0.0	1.000	2320041	18.6		93.7	5512	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.387	4.387	0.0		4025263	46.1		93.1		
D 30 13C2 PFUnA										
565.00 > 520.00	4.387	4.387	0.0		5810821	48.5		97.9	13645	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.396	4.396	0.0	1.002	1570790	20.5		103		
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.528	4.528	0.0		4146200	46.8		94.5		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
35 MeFOSA										
512.00 > 169.00	4.528	4.528	0.0	1.000	1663847	20.6		104		
D 36 13C2 PFDoA										
615.00 > 570.00	4.663	4.663	0.0		5992624	48.1		97.2	8336	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.663	4.663	0.0	1.000	2240758	19.4		97.8	1933	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.697	4.697	0.0		4105269	49.6		100		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.704	4.704	0.0	1.000	1722588	20.8		105		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.916	4.916	0.0	1.000	2331044	19.3		97.3	4270	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.136	5.136	0.0		12303744	47.9		96.7	13287	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.136	5.136	0.0	1.000	5067197	20.2		102	5875	
713.00 > 169.00	5.136	5.136	0.0	1.000	715911		7.08(0.00-0.00)		4757	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.538	5.538	0.0		7592255	55.5		112	5045	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.548	5.548	0.0	1.000	2751589	23.5		119	332	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.886	5.886	0.0	1.000	2855288	26.6		135	355	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L4_00003 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2017 17:04:05 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_026.d

Injection Date: 11-Jun-2017 05:02:24 Instrument ID: A8_N

Lims ID: CCV L4

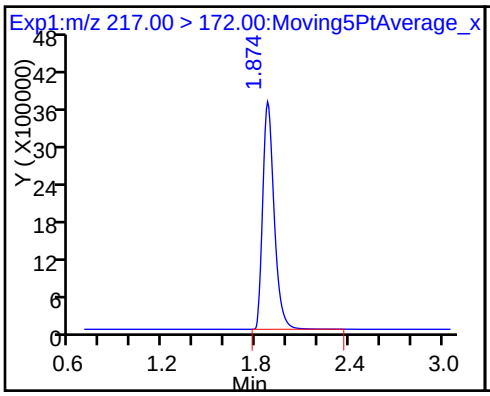
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 31 Worklist Smp#: 1

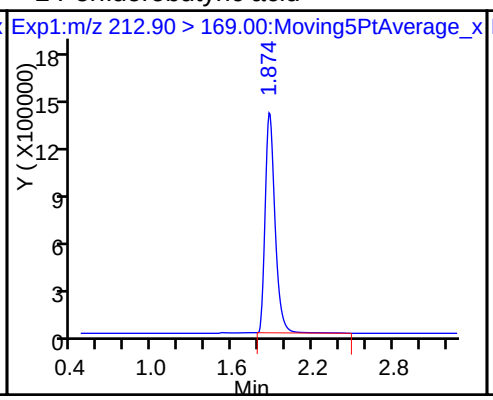
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

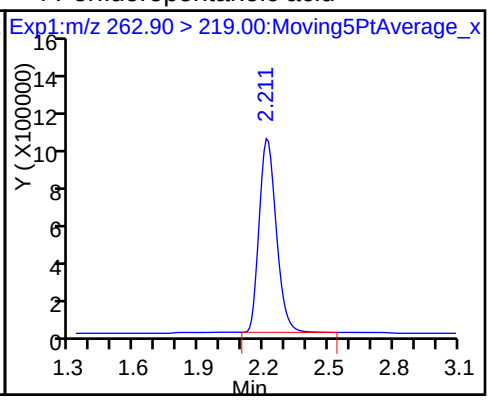
D 1 13C4 PFBA



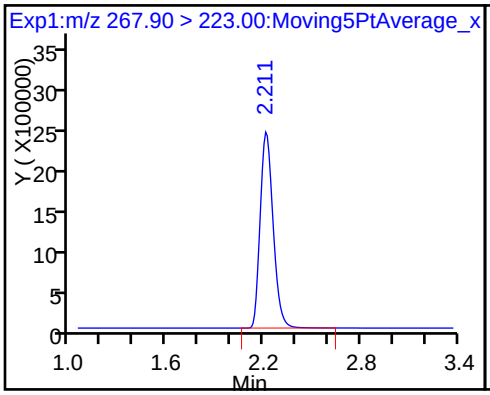
2 Perfluorobutyric acid



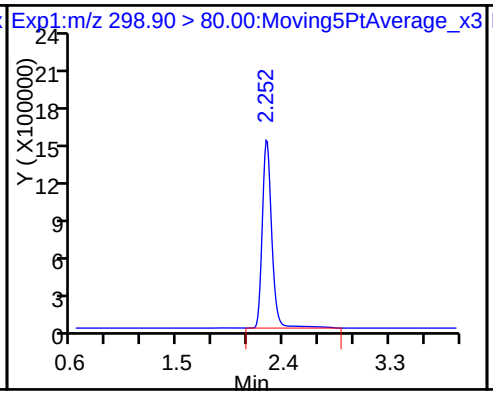
4 Perfluoropentanoic acid



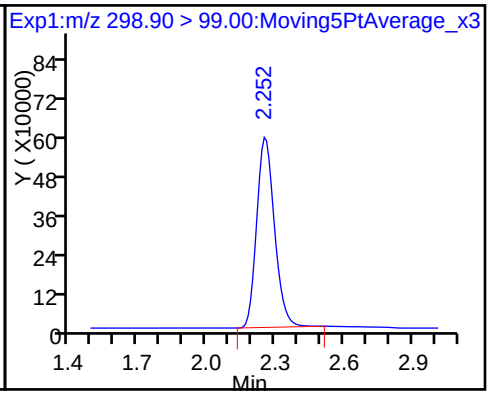
D 3 13C5-PFPeA



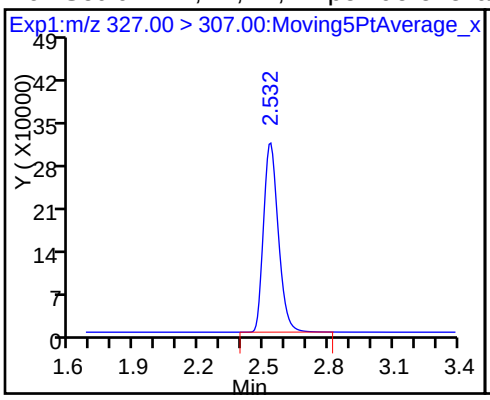
5 Perfluorobutanesulfonic acid



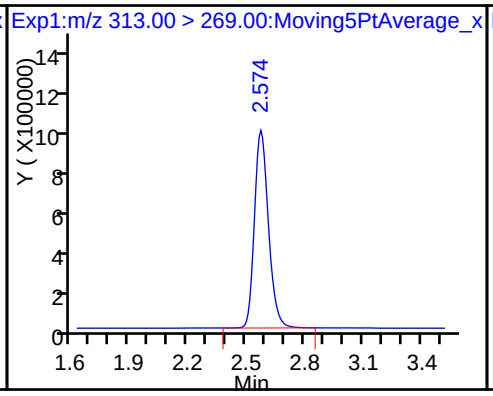
5 Perfluorobutanesulfonic acid



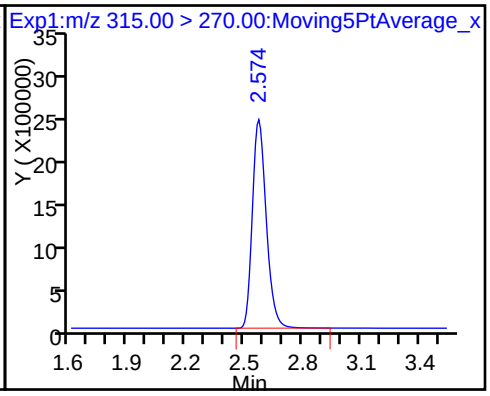
61 Sodium 1H,1H,2H,2H-perfluorohexane



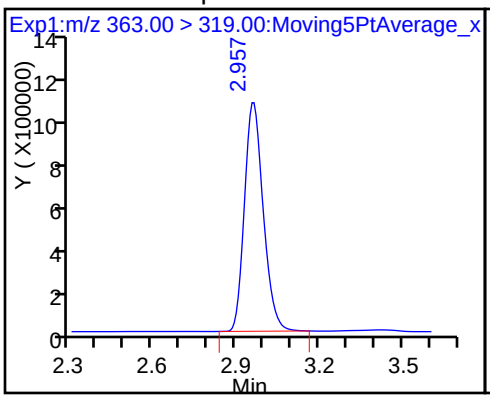
6 Perfluorohexanoic acid



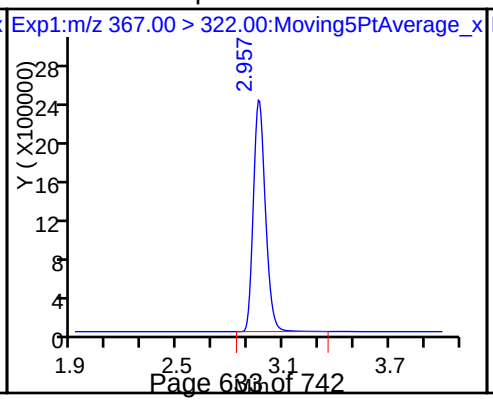
D 7 13C2 PFHxA



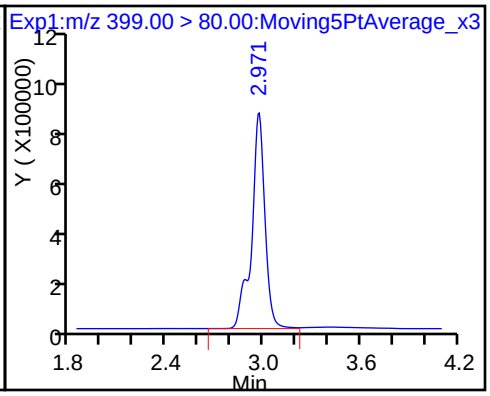
10 Perfluoroheptanoic acid



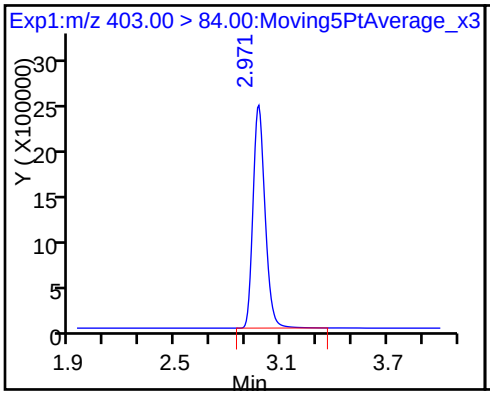
D 9 13C4-PFHpA



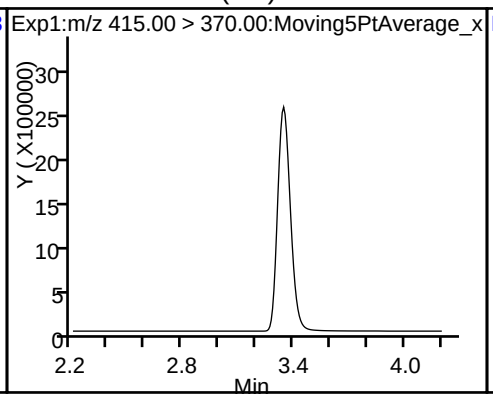
8 Perfluorohexanesulfonic acid



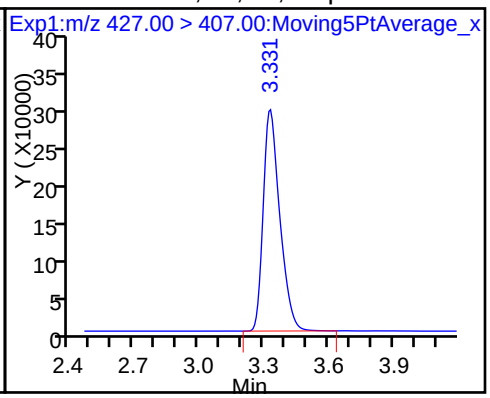
D 11 18O2 PFHxS



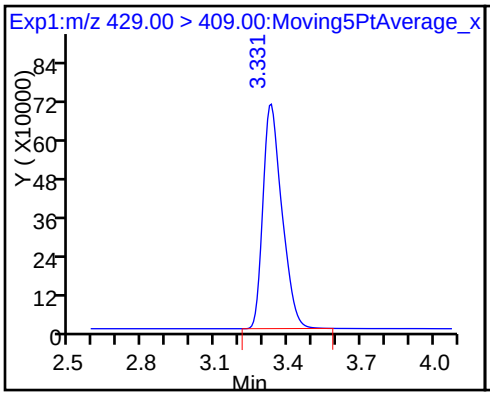
* 62 13C2-PFOA (ND)



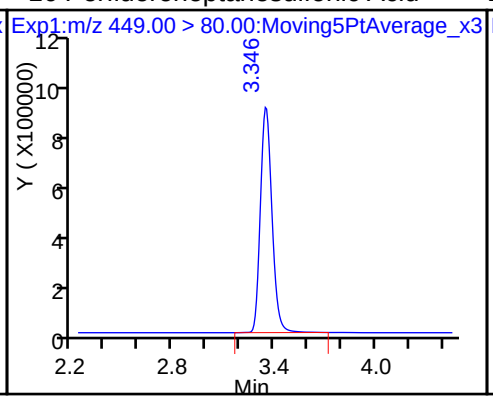
13 Sodium 1H,1H,2H,2H-perfluorooctane



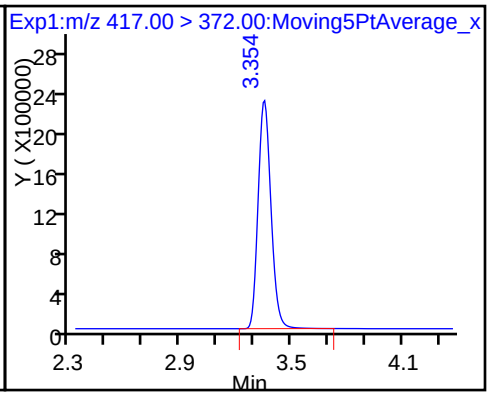
D 12 M2-6:2FTS



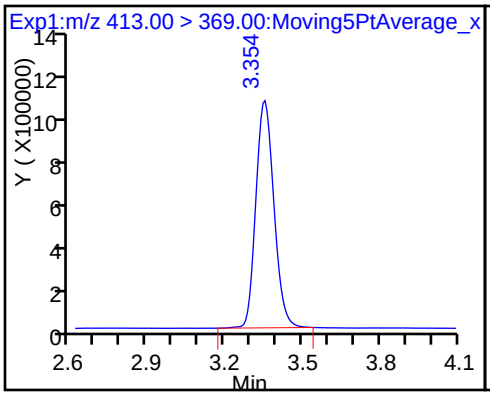
16 Perfluoroheptanesulfonic Acid



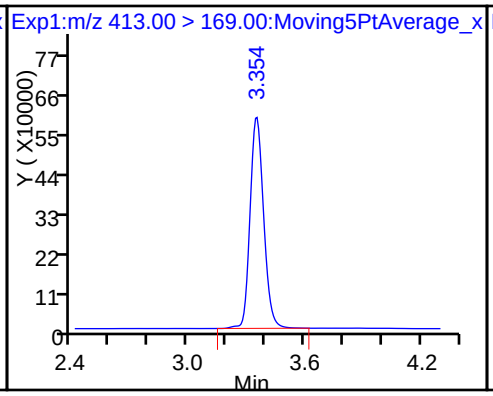
D 14 13C4 PFOA



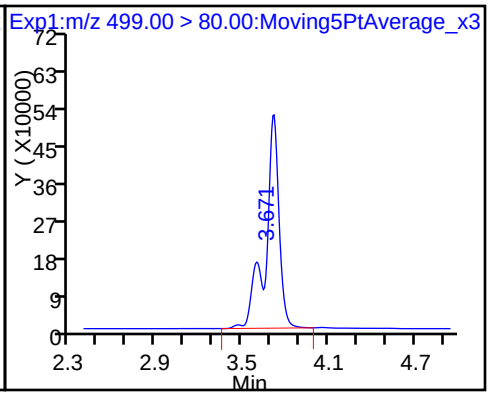
15 Perfluorooctanoic acid



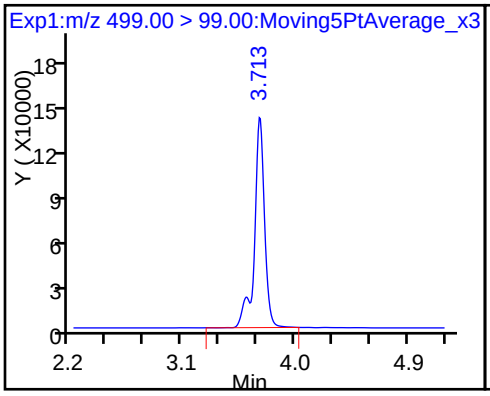
15 Perfluorooctanoic acid



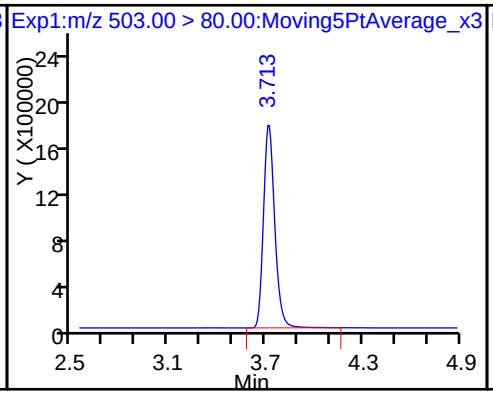
17 Perfluorooctane sulfonic acid



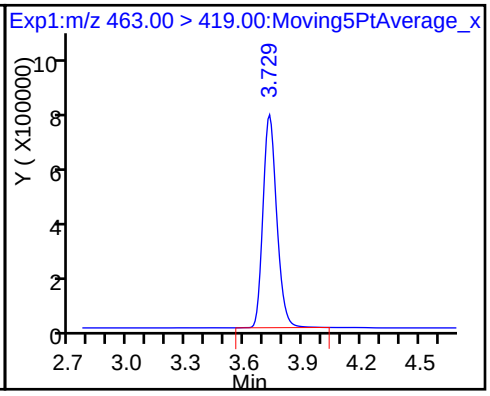
17 Perfluorooctane sulfonic acid



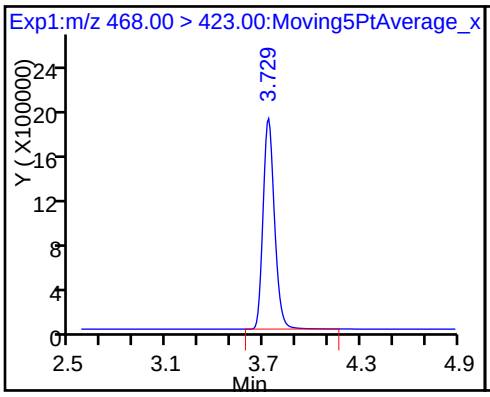
D 18 13C4 PFOS



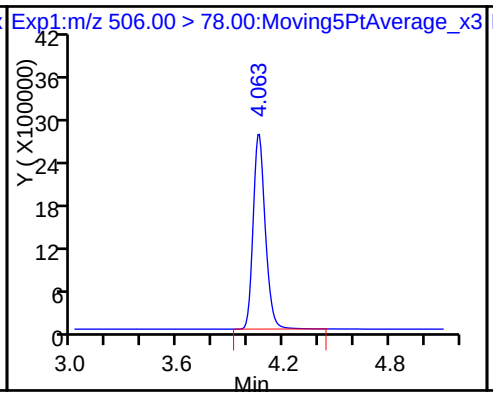
20 Perfluorononanoic acid



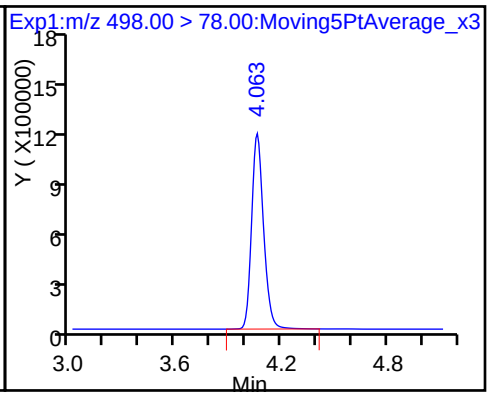
D 19 13C5 PFNA



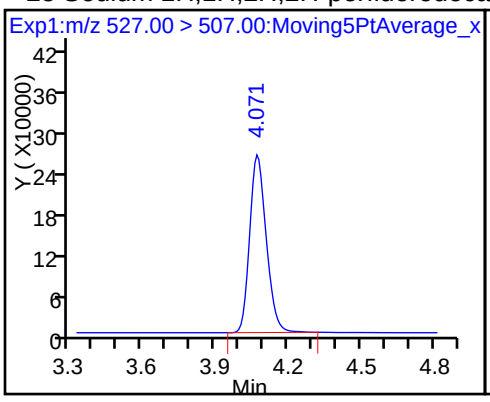
D 21 13C8 FOSA



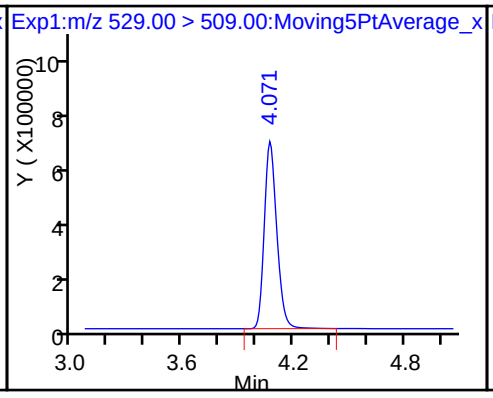
22 Perfluorooctane Sulfonamide



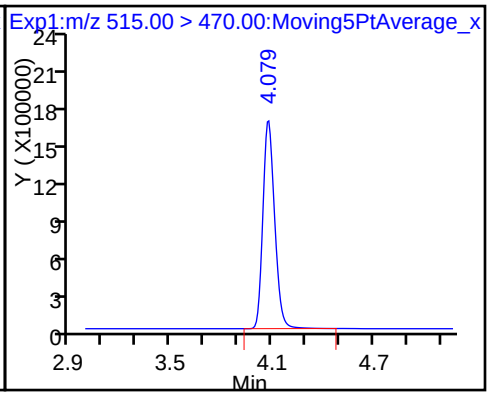
25 Sodium 1H,1H,2H,2H-perfluorodecane



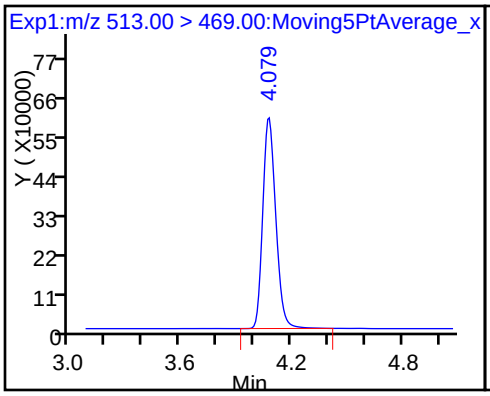
D 26 M2-8:2FTS



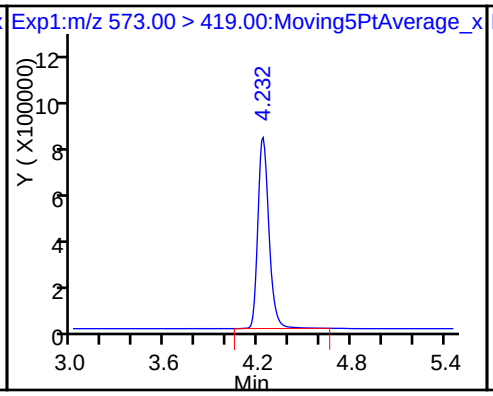
D 23 13C2 PFDA



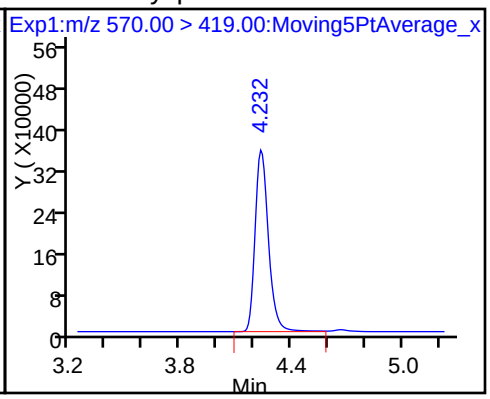
24 Perfluorodecanoic acid



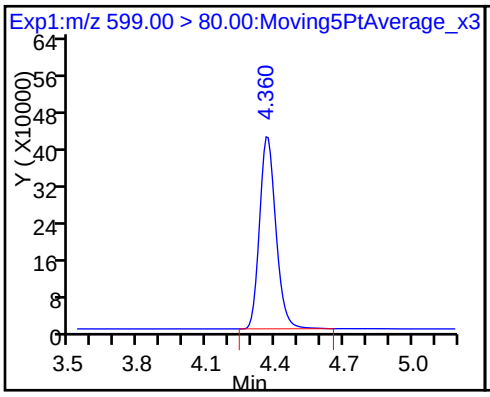
D 27 d3-NMeFOSAA



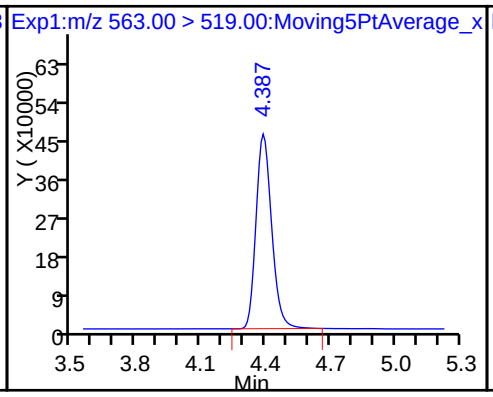
28 N-methyl perfluorooctane sulfonami



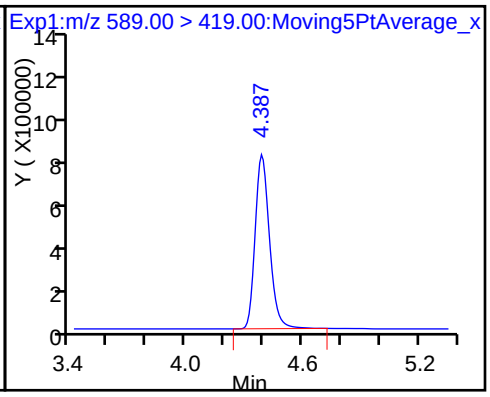
29 Perfluorodecane Sulfonic acid



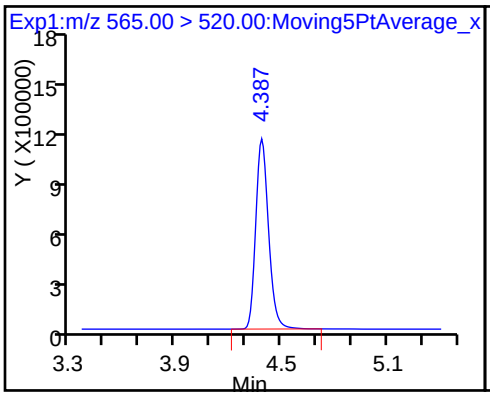
31 Perfluoroundecanoic acid



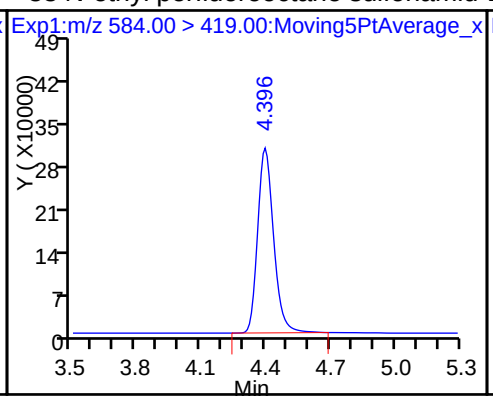
D 32 d5-NEtFOSAA



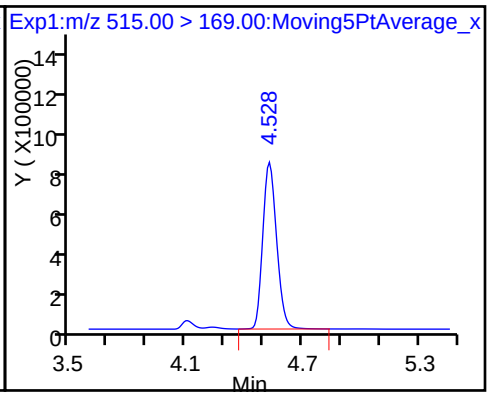
D 30 13C2 PFUnA



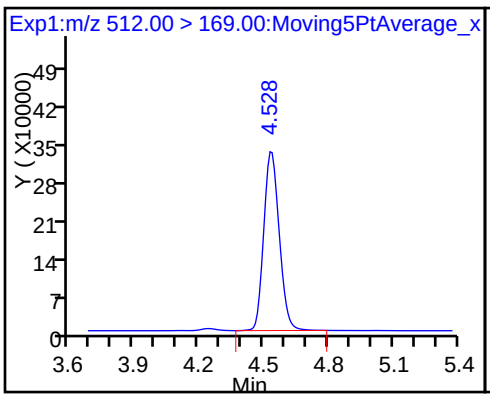
33 N-ethyl perfluorooctane sulfonamid



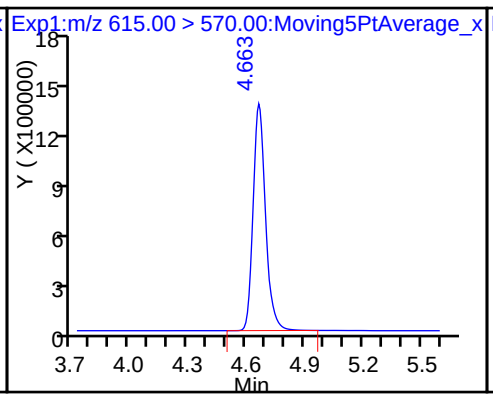
D 34 d-N-MeFOSA-M



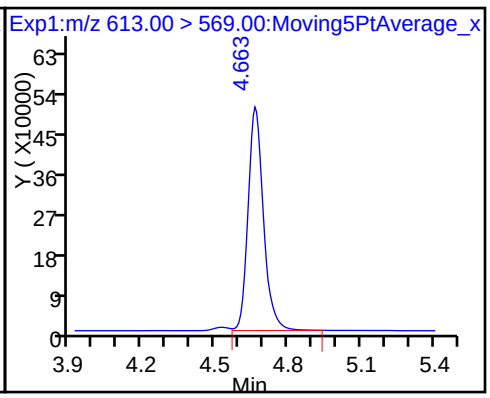
35 MeFOSA



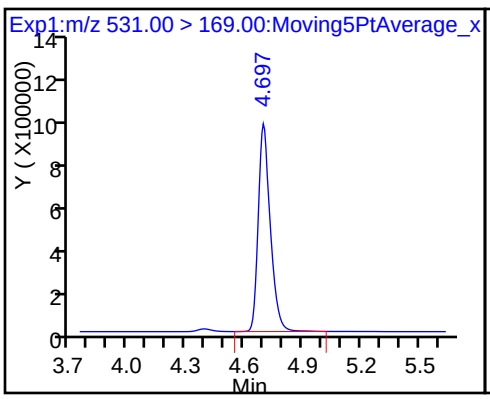
D 36 13C2 PFDoA



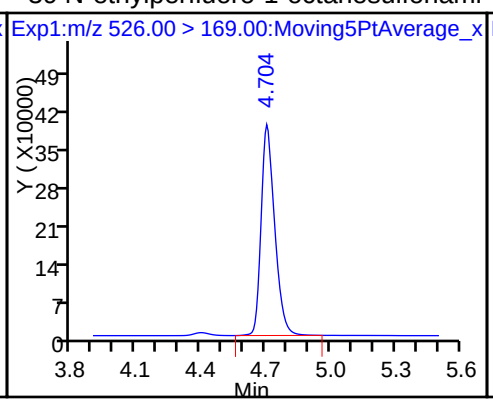
37 Perfluorododecanoic acid



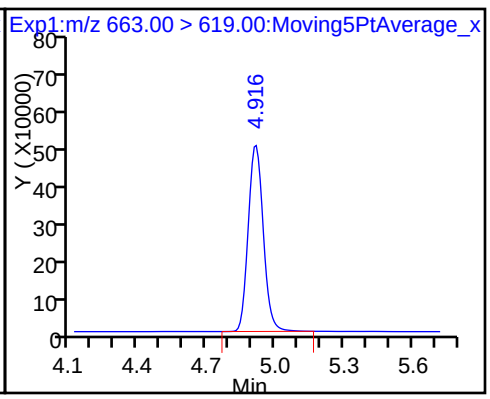
D 38 d-N-EtFOSA-M



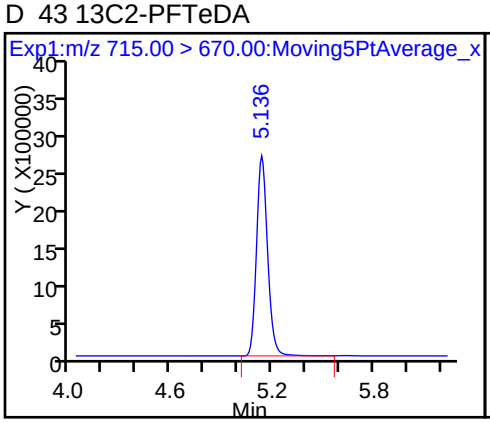
39 N-ethylperfluoro-1-octanesulfonami



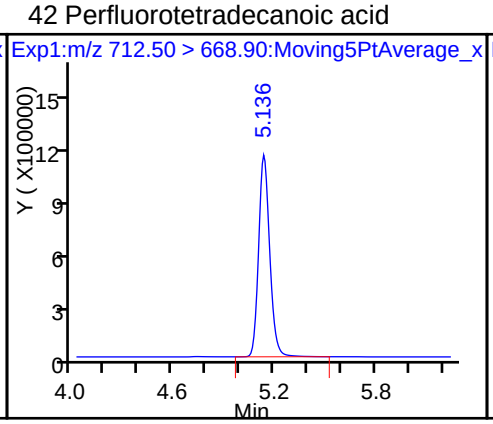
41 Perfluorotridecanoic acid



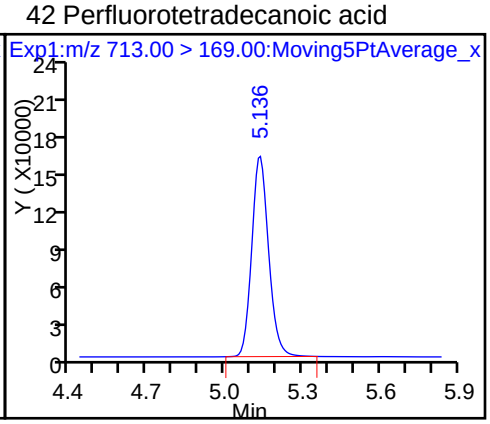
D 43 13C2-PFTeDA



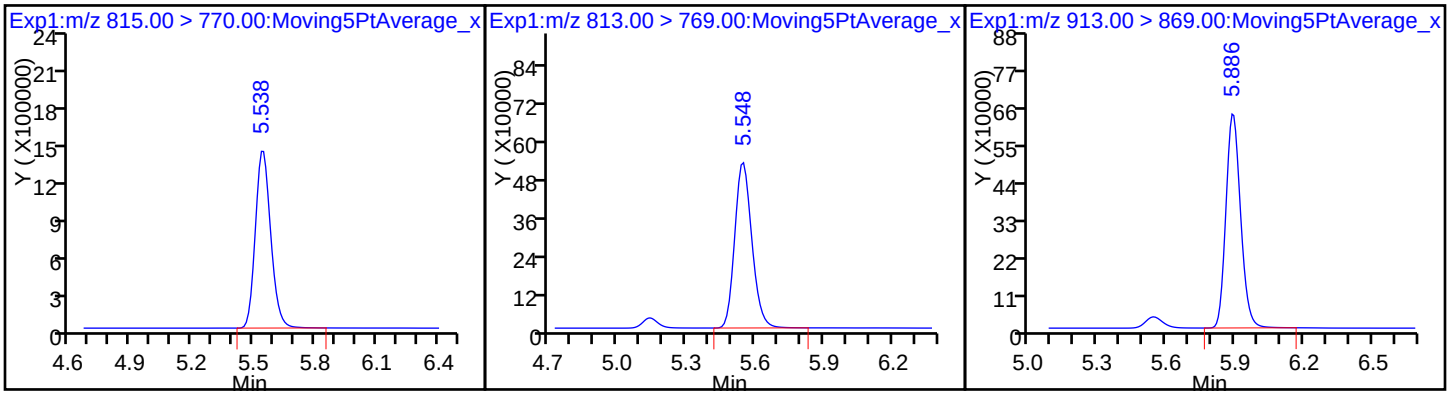
42 Perfluorotetradecanoic acid



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.: 320-28800-1

SDG No.:

Lab Sample ID: CCV 320-168683/12 Calibration Date: 06/11/2017 06:27

Instrument ID: A8_N Calib Start Date: 06/06/2017 13:31

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/06/2017 14:25

Lab File ID: 2017.06.10B_037.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	0.9186	0.9406		50.7	49.5	2.4	25.0
Perfluoropentanoic acid (PFPeA)	AveID	1.041	1.072		51.0	49.5	3.0	25.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.633	1.889		50.6	43.8	15.7	25.0
Perfluorohexanoic acid (PFHxA)	AveID	1.012	1.045		51.1	49.5	3.3	25.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.048	1.083		51.2	49.5	3.3	25.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.096	1.068		43.9	45.0	-2.5	25.0
6:2FTS	AveID	0.9879	0.9537		45.3	46.9	-3.5	25.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.141	1.296		53.6	47.1	13.7	25.0
Perfluorooctanoic acid (PFOA)	AveID	1.068	1.085		50.3	49.5	1.6	25.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.055	1.110		48.3	45.9	5.1	25.0
Perfluorononanoic acid (PFNA)	AveID	1.002	1.035		51.1	49.5	3.3	25.0
Perfluorooctane Sulfonamide (FOSA)	AveID	0.9693	1.026		52.4	49.5	5.8	25.0
8:2FTS	AveID	0.9716	1.061		51.8	47.4	9.2	25.0
Perfluorodecanoic acid (PFDA)	AveID	0.9522	1.014		52.7	49.5	6.5	25.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.028	1.084		52.2	49.5	5.4	25.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6584	0.6226		45.1	47.7	-5.4	25.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.065	1.053		48.9	49.5	-1.1	25.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9439	1.015		53.3	49.5	7.6	25.0
MeFOSA	AveID	0.9633	0.9810		50.4	49.5	1.8	25.0
Perfluorododecanoic acid (PFDoA)	AveID	0.9562	1.005		52.0	49.5	5.1	25.0
N-EtFOSA-M	AveID	1.000	1.047		51.8	49.5	4.6	25.0
Perfluorotridecanoic Acid (PFTriA)	AveID	1.000	1.001		49.6	49.5	0.1	25.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.292		54.7	49.5	10.5	25.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		1.240		64.8	49.5	30.8*	25.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	0.8851	1.328		74.3	49.5	50.1*	25.0
13C4 PFBA	Ave	329728	379836		57.0	49.5	15.2	50.0
13C5-PFPeA	Ave	219977	270220		60.8	49.5	22.8	50.0
13C2 PFHxA	Ave	192846	239265		61.4	49.5	24.1	50.0
13C4-PFHpA	Ave	177883	231138		64.3	49.5	29.9	50.0
18O2 PFHxS	Ave	230540	253956		51.6	46.8	10.2	50.0
M2-6:2FTS	Ave	88838	96940		51.3	47.0	9.1	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Lab Sample ID: CCV 320-168683/12 Calibration Date: 06/11/2017 06:27

Instrument ID: A8_N Calib Start Date: 06/06/2017 13:31

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/06/2017 14:25

Lab File ID: 2017.06.10B_037.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	180322	227875		62.6	49.5	26.4	50.0
13C4 PFOS	Ave	178130	173426		46.1	47.3	-2.6	50.0
13C5 PFNA	Ave	152667	184142		59.7	49.5	20.6	50.0
13C8 FOSA	Ave	300205	263955		43.5	49.5	-12.1	50.0
13C2 PFDA	Ave	150783	154897		50.9	49.5	2.7	50.0
M2-8:2FTS	Ave	81859	66537		38.5	47.4	-18.7	50.0
d3-NMeFOSAA	Ave	88062	82253		46.2	49.5	-6.6	50.0
13C2 PFUnA	Ave	119837	113490		46.9	49.5	-5.3	50.0
d5-NEtFOSAA	Ave	87293	75809		43.0	49.5	-13.2	50.0
d-N-MeFOSA-M	Ave	88593	85363		47.7	49.5	-3.6	50.0
13C2 PFDoA	Ave	124485	114737		45.6	49.5	-7.8	50.0
d-N-EtFOSA-M	Ave	82760	85635		51.2	49.5	3.5	50.0
13C2-PFTeDA	Ave	257086	247827		47.7	49.5	-3.6	50.0
13C2-PFHxDA	Ave	136854	160339		58.0	49.5	17.2	50.0

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_037.d
Lims ID: CCV L5
Client ID:
Sample Type: CCV
Inject. Date: 11-Jun-2017 06:27:07 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\20170611-44116.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 12-Jun-2017 17:04:27 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK020

First Level Reviewer: chandrasenas Date: 12-Jun-2017 16:52:20

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	1.877	1.877	0.0		18803738	57.0		115	256735	
2 Perfluorobutyric acid										
212.90 > 169.00	1.877	1.877	0.0	1.000	17686706	50.7		102	3704	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.213	2.213	0.0	1.000	14334053	51.0		103	4297	
D 3 13C5-PFPeA										
267.90 > 223.00	2.213	2.213	0.0		13377216	60.8		123	60045	
D 47 13C3-PFBS										
301.90 > 83.00	2.254	2.254	0.0		306115	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.254	2.254	0.0	1.000	20994092	50.6		116		
298.90 > 99.00	2.254	2.254	0.0	1.000	8596155		2.44(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.534	2.534	0.0	1.000	3815535	45.7		98.9		
6 Perfluorohexanoic acid										
313.00 > 269.00	2.576	2.576	0.0	1.000	12381114	51.1		103	11002	
D 7 13C2 PFHxA										
315.00 > 270.00	2.576	2.576	0.0		11844791	61.4		124	40234	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.968	2.968	0.0	1.000	12388829	51.2		103	4958	
D 9 13C4-PFHpA										
367.00 > 322.00	2.968	2.968	0.0		11442459	64.3		130	45153	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.975	2.975	0.0	1.000	12218691	43.9		97.5		
D 11 18O2 PFHxS										
403.00 > 84.00	2.975	2.975	0.0		11893209	51.6		110	26072	

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	3.334	3.334	0.0	1.000	4338967	45.3		96.5		
D 12 M2-6:2FTS										
429.00 > 409.00	3.334	3.334	0.0		4559048	51.3		109		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.357	3.357	0.0	1.000	10594934	53.6		114		
D 14 13C4 PFOA										
417.00 > 372.00	3.365	3.365	0.0		11280921	62.6		126	37844	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.365	3.365	0.0	1.000	12244833	50.3		102	3355	
413.00 > 169.00	3.365	3.365	0.0	1.000	7170715		1.71(0.90-1.10)		8579	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.685	3.685	0.0	1.000	8839752	48.3		105	1554	
499.00 > 99.00	3.727	3.685	0.042	1.011	1855442		4.76(0.90-1.10)		6750	
D 18 13C4 PFOS										
503.00 > 80.00	3.727	3.727	0.0		8207687	46.1		97.4	18452	
20 Perfluorononanoic acid										
463.00 > 419.00	3.744	3.744	0.0	1.000	9436853	51.1		103	21211	
D 19 13C5 PFNA										
468.00 > 423.00	3.744	3.744	0.0		9115949	59.7		121	35872	
D 21 13C8 FOSA										
506.00 > 78.00	4.069	4.069	0.0		13067063	43.5		87.9	23601	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.069	4.069	0.0	1.000	13406160	52.4		106	26570	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.085	4.085	0.0	1.000	3349265	51.8		109		
D 26 M2-8:2FTS										
529.00 > 509.00	4.085	4.085	0.0		3155544	38.5		81.3		
D 23 13C2 PFDA										
515.00 > 470.00	4.085	4.085	0.0		7668185	50.9		103	22829	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.085	4.085	0.0	1.000	7772875	52.7		106	19976	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.241	4.241	0.0		4071915	46.2		93.4		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.251	4.251	0.0	1.002	4414286	52.2		105		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.370	4.370	0.0	1.000	5152970	45.1		94.6		
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.398	4.398	0.0	1.000	5916505	48.9		98.9	8144	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.398	4.398	0.0		3752912	43.0		86.8		
D 30 13C2 PFUnA										
565.00 > 520.00	4.398	4.398	0.0		5618321	46.9		94.7	11469	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.407	4.407	0.0	1.002	3810617	53.3		108		
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.540	4.540	0.0		4225871	47.7		96.4		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
35 MeFOSA										
512.00 > 169.00	4.540	4.540	0.0	1.000	4145456	50.4		102		
D 36 13C2 PFDoA										
615.00 > 570.00	4.671	4.671	0.0		5680042	45.6		92.2	8191	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.671	4.671	0.0	1.000	5707423	52.0		105	3774	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.705	4.705	0.0		4239348	51.2		103		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.712	4.712	0.0	1.000	4436890	51.8		105		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.920	4.920	0.0	1.000	5685347	49.6		100	6184	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.148	5.148	0.0		12268652	47.7		96.4	21962	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.148	5.148	0.0	1.000	13016055	54.7		111	6869	
713.00 > 169.00	5.140	5.148	-0.008	0.998	1778413		7.32(0.00-0.00)		7624	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.551	5.551	0.0		7937550	58.0		117	5691	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.551	5.551	0.0	1.000	7041972	64.8		131	745	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.896	5.896	0.0	1.000	7544441	74.3		150	839	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L5_00004 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2017 17:04:28 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_037.d

Injection Date: 11-Jun-2017 06:27:07 Instrument ID: A8_N

Lims ID: CCV L5

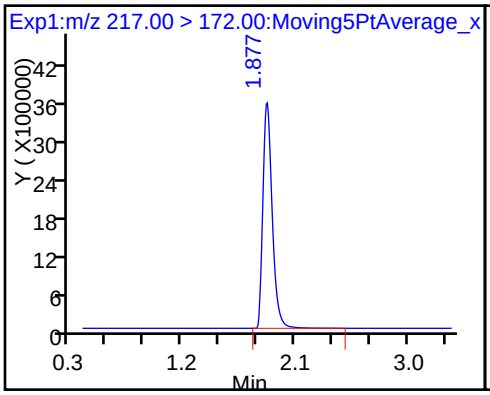
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 32 Worklist Smp#: 12

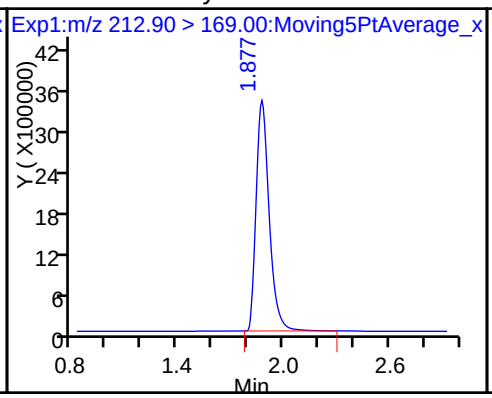
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

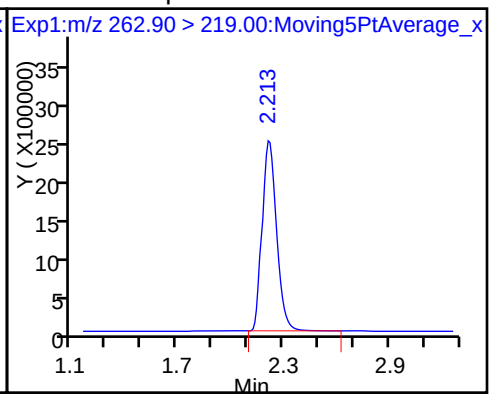
D 1 13C4 PFBA



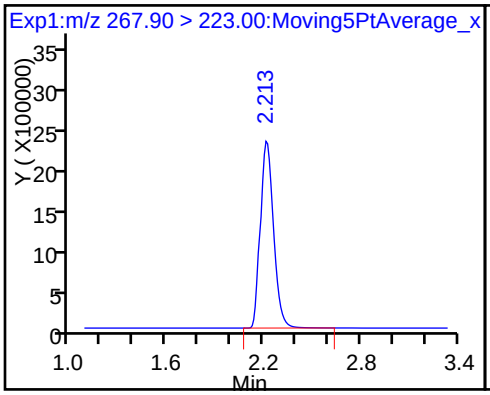
2 Perfluorobutyric acid



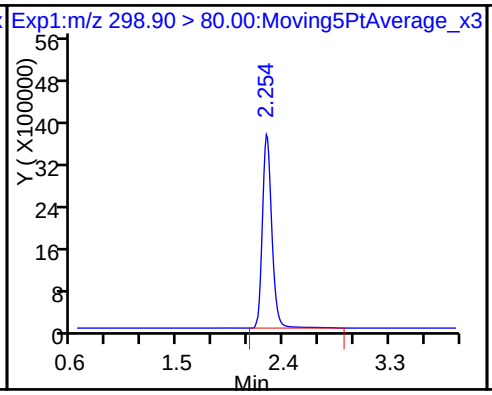
4 Perfluoropentanoic acid



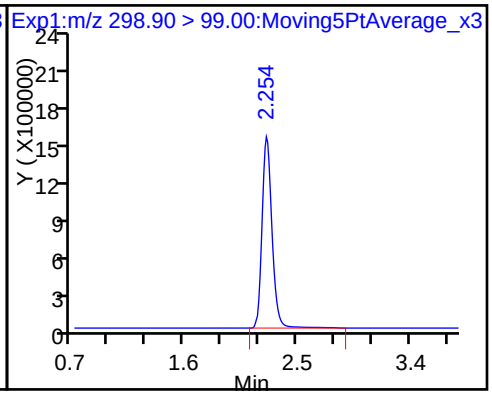
D 3 13C5-PFPeA



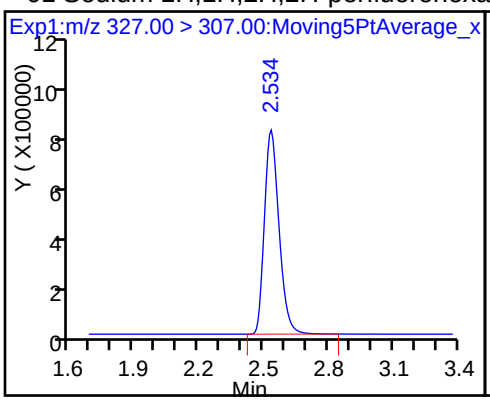
5 Perfluorobutanesulfonic acid



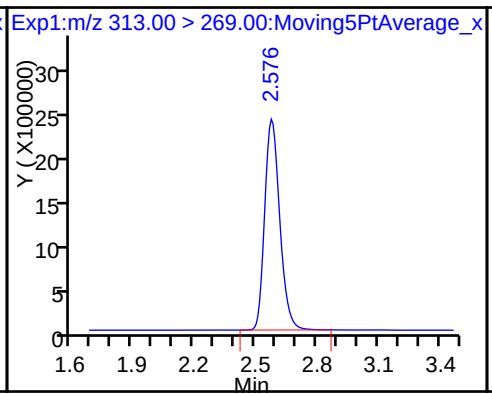
5 Perfluorobutanesulfonic acid



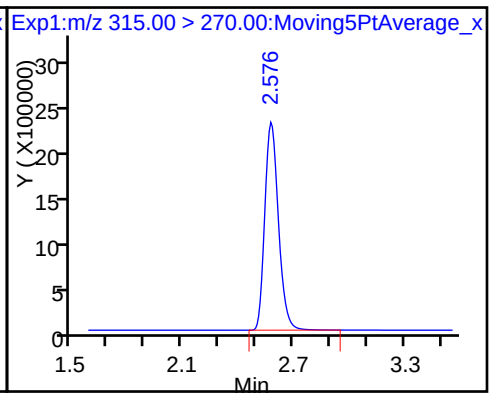
61 Sodium 1H,1H,2H,2H-perfluorohexane



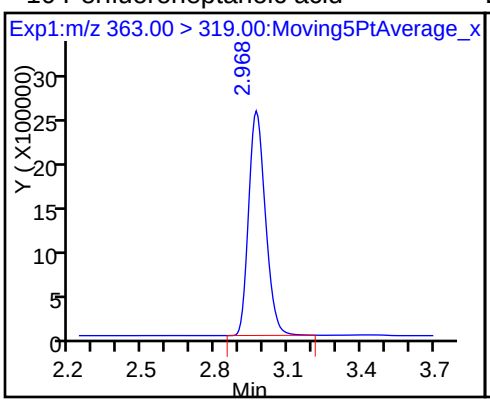
6 Perfluorohexanoic acid



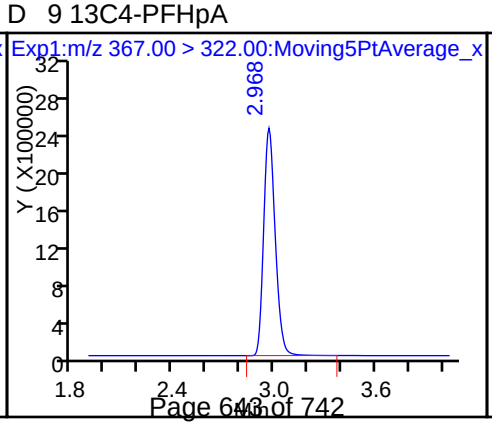
D 7 13C2 PFHxA



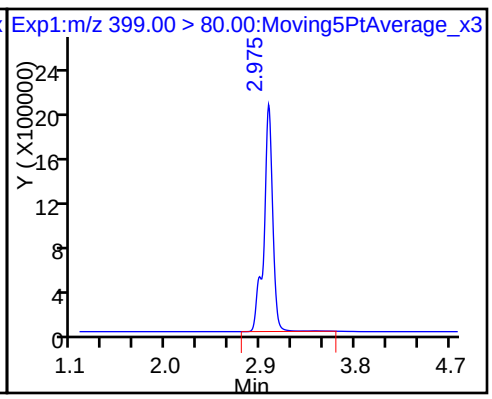
10 Perfluoroheptanoic acid



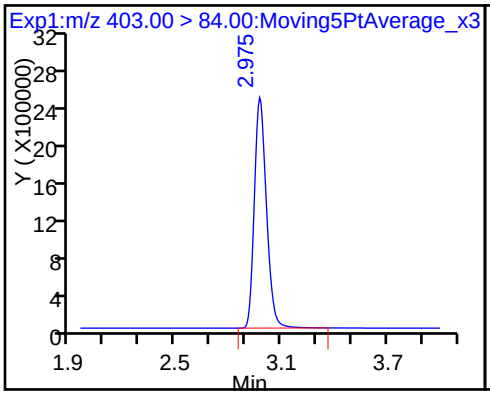
D 9 13C4-PFHpA



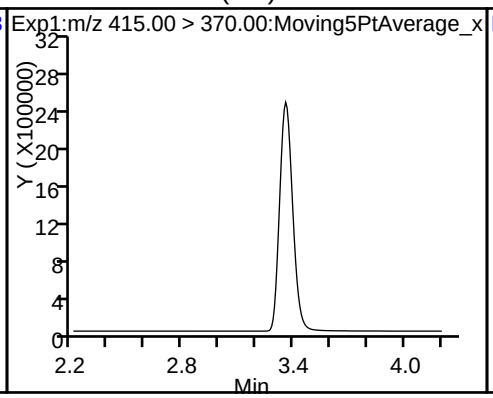
8 Perfluorohexanesulfonic acid



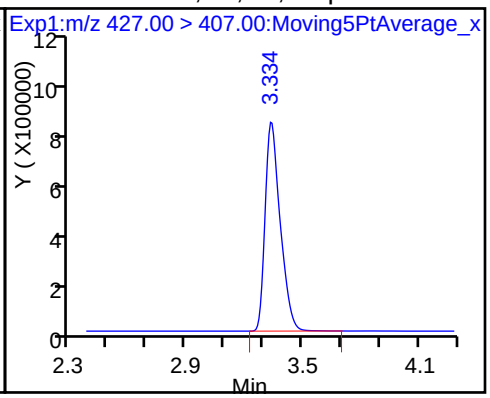
D 11 18O2 PFHxS



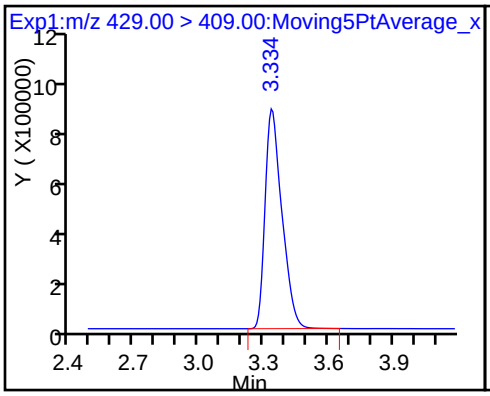
* 62 13C2-PFOA (ND)



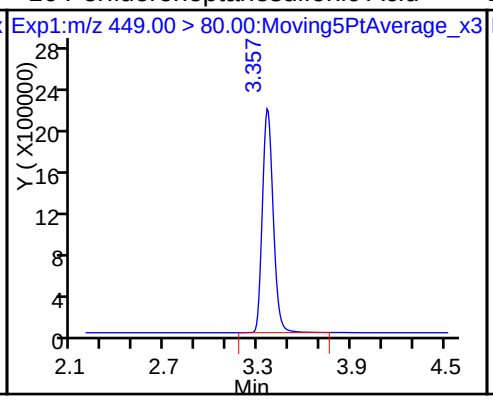
13 Sodium 1H,1H,2H,2H-perfluorooctane



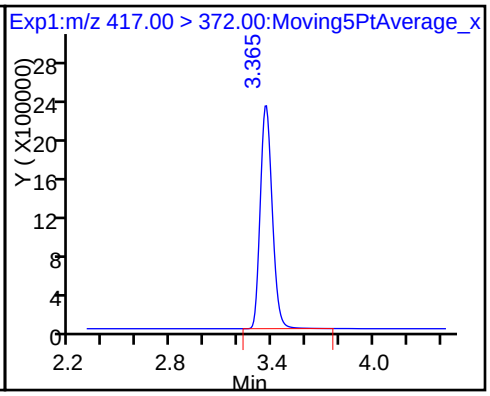
D 12 M2-6:2FTS



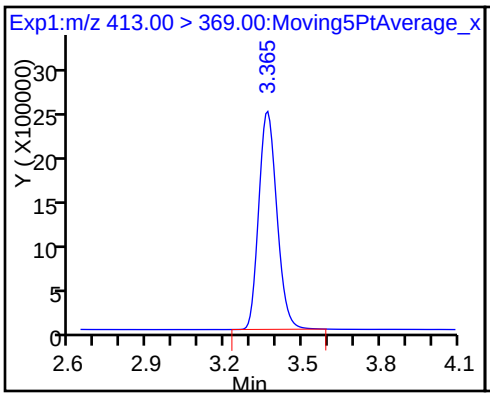
16 Perfluoroheptanesulfonic Acid



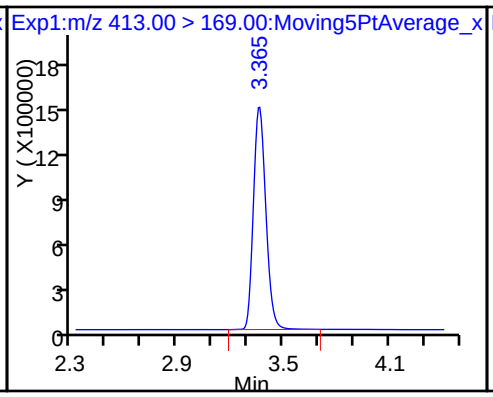
D 14 13C4 PFOA



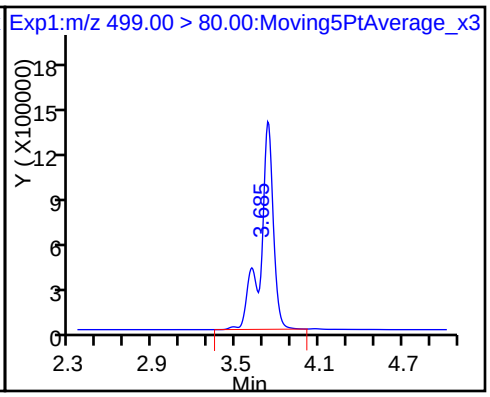
15 Perfluorooctanoic acid



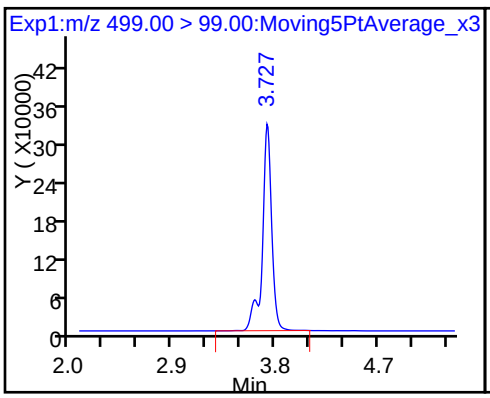
15 Perfluorooctanoic acid



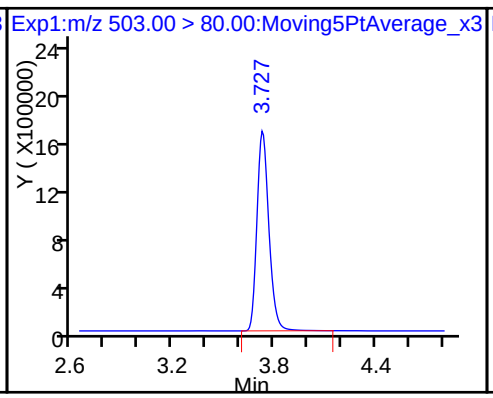
17 Perfluorooctane sulfonic acid



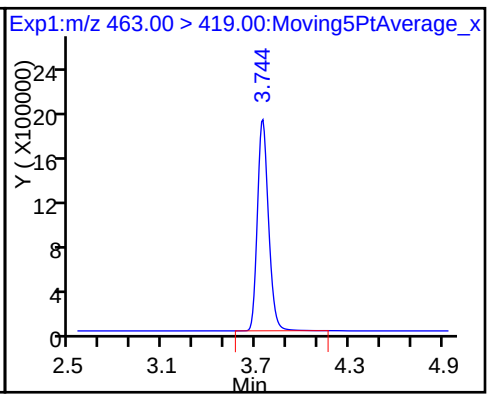
17 Perfluorooctane sulfonic acid



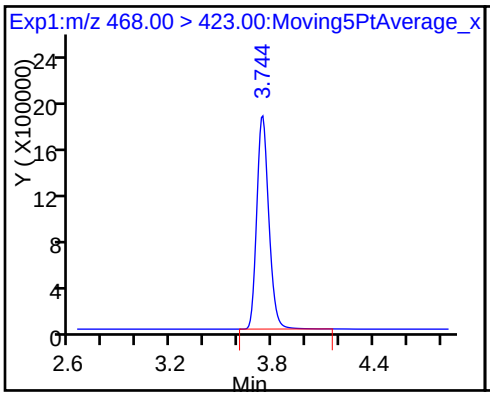
D 18 13C4 PFOS



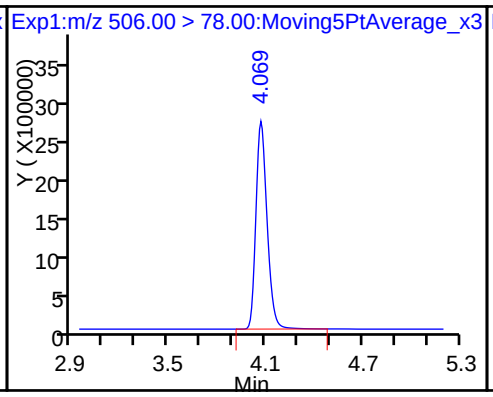
20 Perfluorononanoic acid



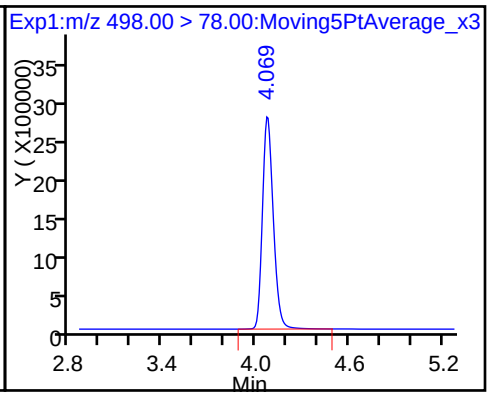
D 19 13C5 PFNA



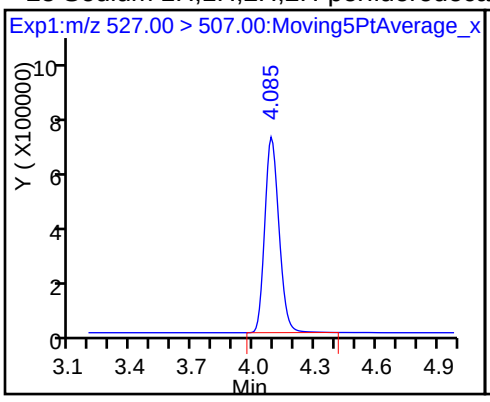
D 21 13C8 FOSA



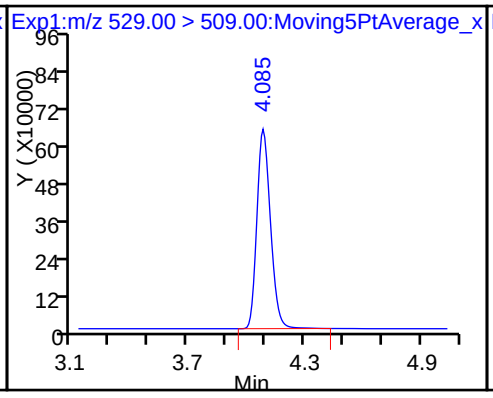
22 Perfluorooctane Sulfonamide



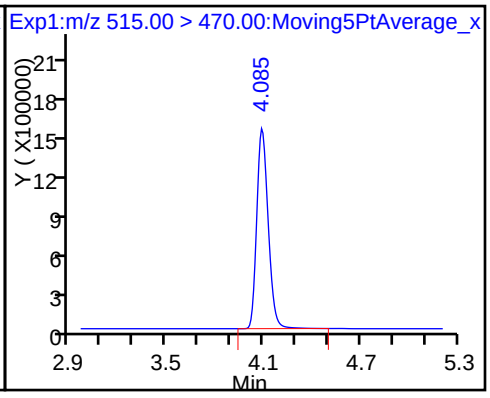
25 Sodium 1H,1H,2H,2H-perfluorodecane



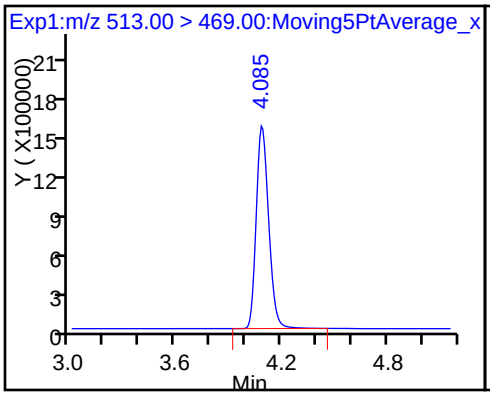
D 26 M2-8:2FTS



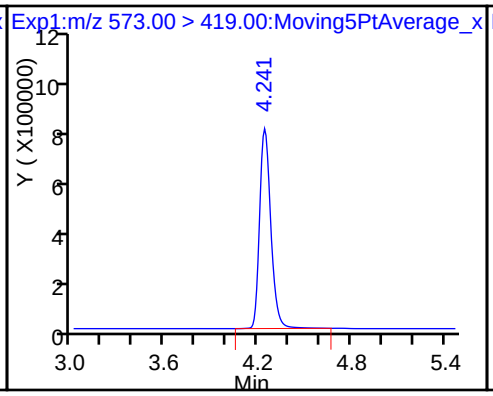
D 23 13C2 PFDA



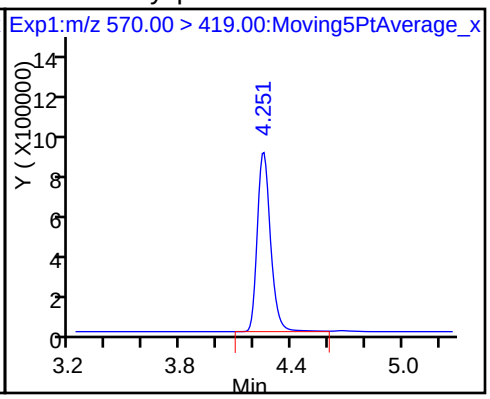
24 Perfluorodecanoic acid



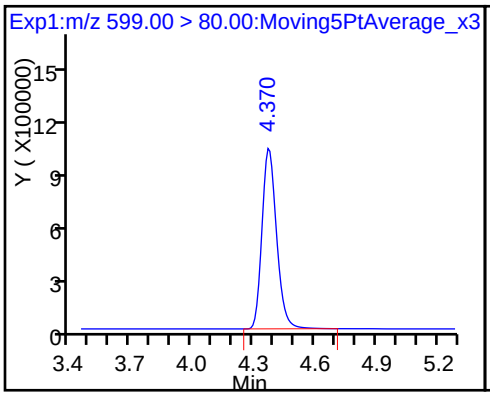
D 27 d3-NMeFOSAA



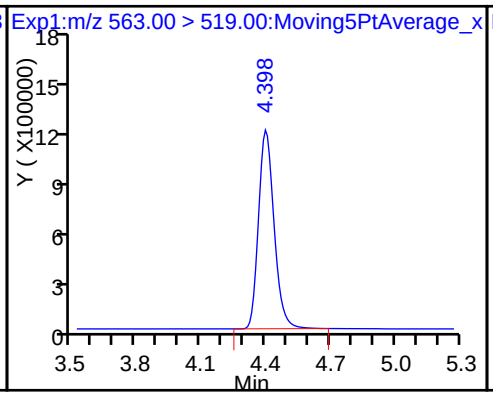
28 N-methyl perfluorooctane sulfonami



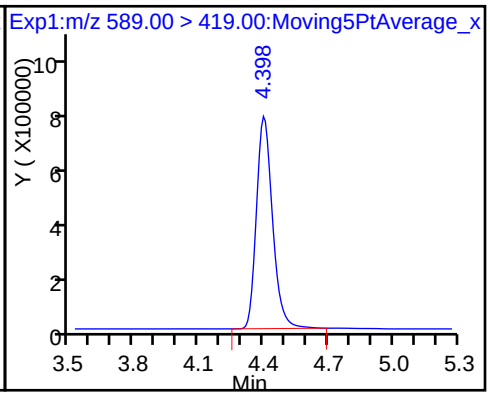
29 Perfluorodecane Sulfonic acid



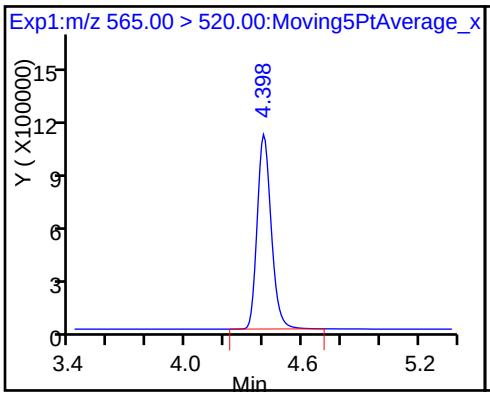
31 Perfluoroundecanoic acid



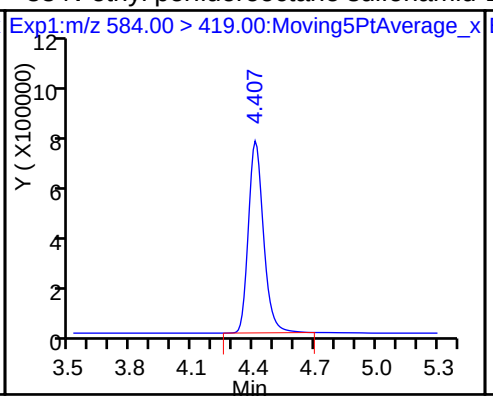
D 32 d5-NEtFOSAA



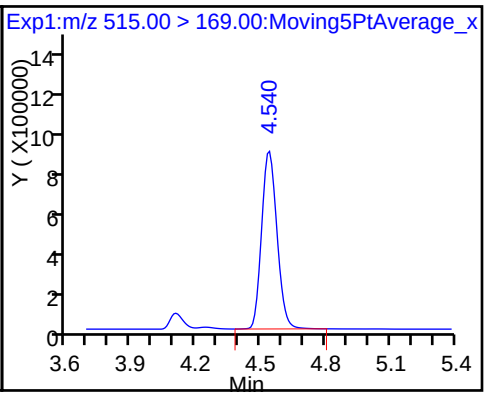
D 30 13C2 PFUnA



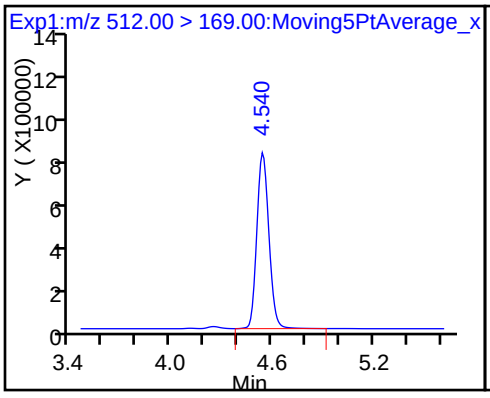
33 N-ethyl perfluorooctane sulfonamid



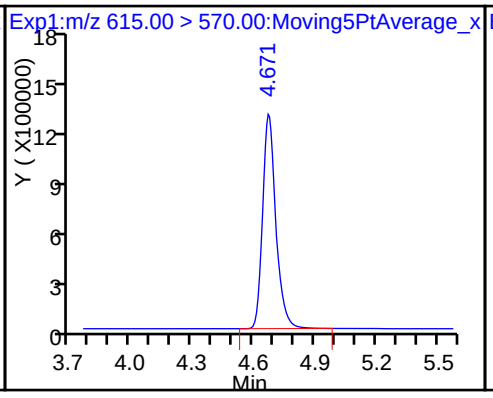
D 34 d-N-MeFOSA-M



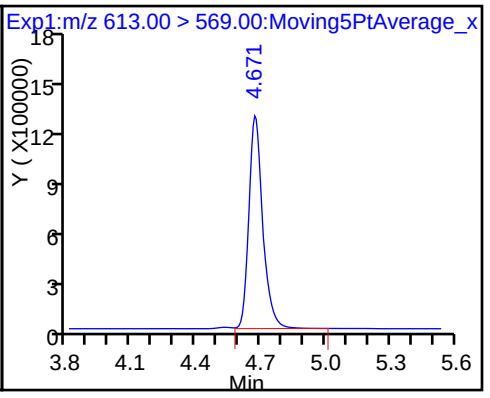
35 MeFOSA



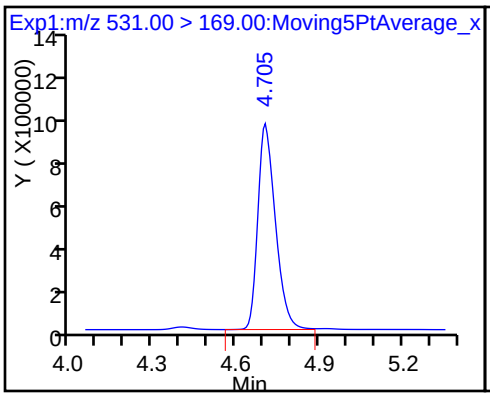
D 36 13C2 PFDoA



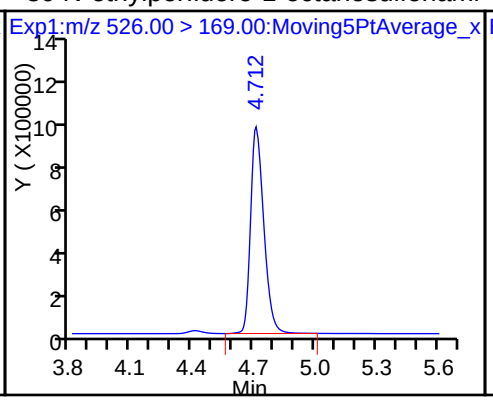
37 Perfluorododecanoic acid



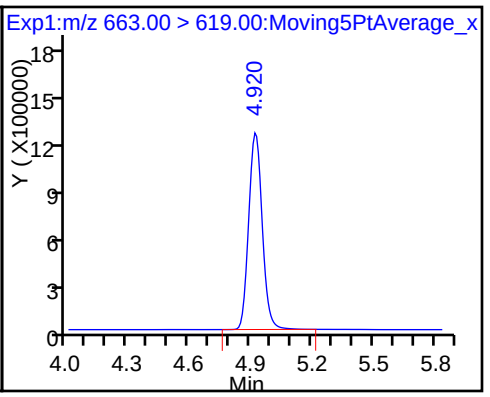
D 38 d-N-EtFOSA-M



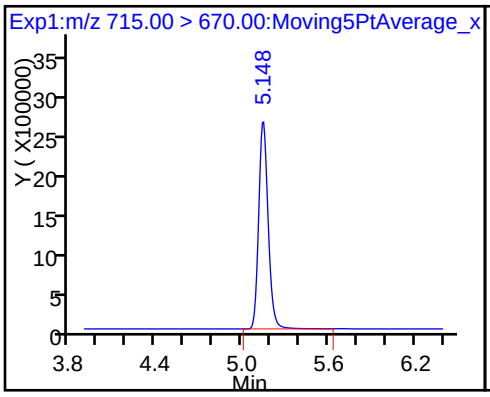
39 N-ethylperfluoro-1-octanesulfonami



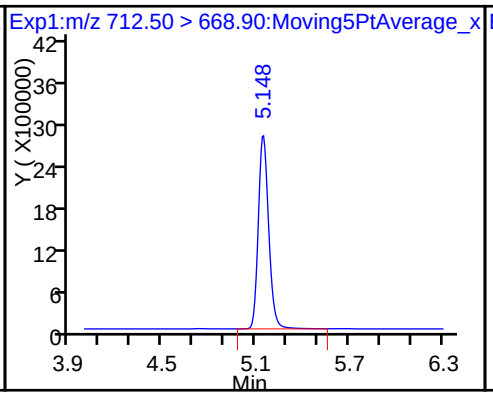
41 Perfluorotridecanoic acid



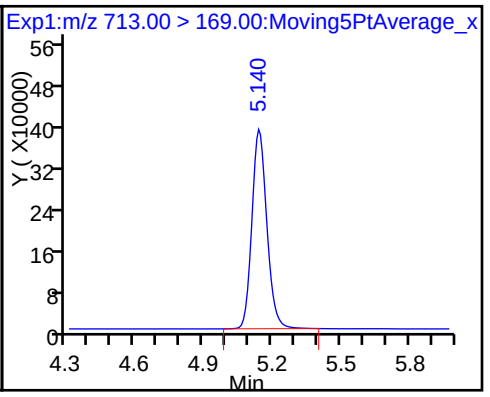
D 43 13C2-PFTeDA



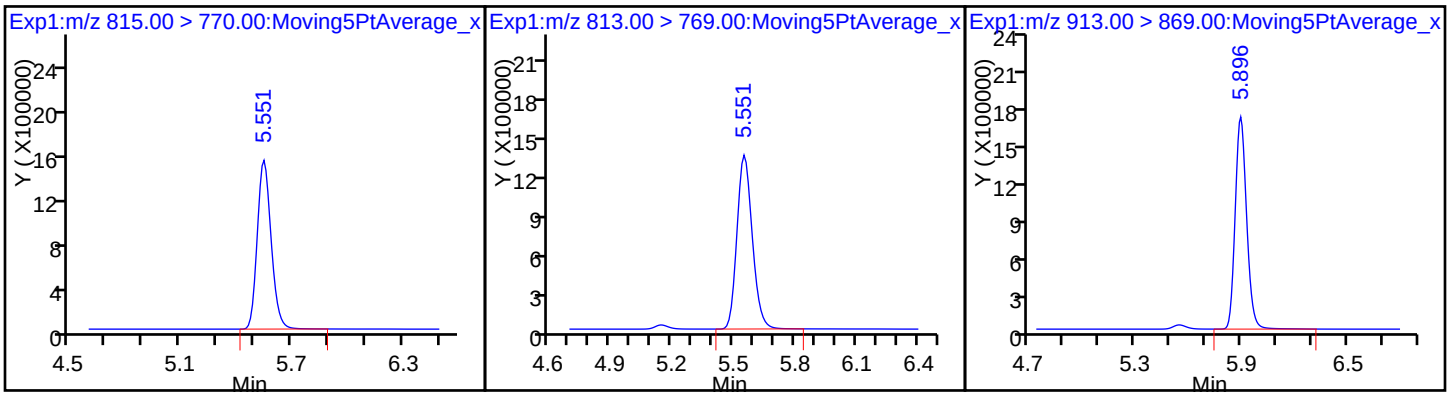
42 Perfluorotetradecanoic acid



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.: 320-28800-1

SDG No.:

Lab Sample ID: CCV 320-168683/21 Calibration Date: 06/11/2017 07:36

Instrument ID: A8_N Calib Start Date: 06/06/2017 13:31

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/06/2017 14:25

Lab File ID: 2017.06.10B_046.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	0.9186	0.9487		20.5	19.8	3.3	25.0
Perfluoropentanoic acid (PFPeA)	AveID	1.041	1.059		20.1	19.8	1.8	25.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.633	1.862		20.0	17.5	14.0	25.0
Perfluorohexanoic acid (PFHxA)	AveID	1.012	1.050		20.5	19.8	3.7	25.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.048	1.107		20.9	19.8	5.6	25.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.096	1.050		17.3	18.0	-4.2	25.0
6:2FTS	AveID	0.9879	1.018		19.3	18.8	3.0	25.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.141	1.212		20.0	18.9	6.3	25.0
Perfluorooctanoic acid (PFOA)	AveID	1.068	1.054		19.5	19.8	-1.3	25.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.055	1.034		18.0	18.4	-2.0	25.0
Perfluorononanoic acid (PFNA)	AveID	1.002	1.038		20.5	19.8	3.6	25.0
Perfluorooctane Sulfonamide (FOSA)	AveID	0.9693	1.031		21.1	19.8	6.4	25.0
8:2FTS	AveID	0.9716	1.045		20.4	19.0	7.6	25.0
Perfluorodecanoic acid (PFDA)	AveID	0.9522	0.9579		19.9	19.8	0.6	25.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.028	1.157		22.3	19.8	12.5	25.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6584	0.6172		17.9	19.1	-6.3	25.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.065	0.998		18.6	19.8	-6.3	25.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9439	0.9705		20.4	19.8	2.8	25.0
MeFOSA	AveID	0.9633	0.9878		20.3	19.8	2.5	25.0
Perfluorododecanoic acid (PFDoA)	AveID	0.9562	0.9627		19.9	19.8	0.7	25.0
N-EtFOSA-M	AveID	1.000	1.057		20.9	19.8	5.6	25.0
Perfluorotridecanoic Acid (PFTriA)	AveID	1.000	0.9802		19.4	19.8	-2.0	25.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.223		21.2	19.8	7.1	25.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		1.171		24.0	19.8	21.0	25.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	0.8851	1.251		28.0	19.8	41.3*	25.0
13C4 PFBA	Ave	329728	380070		57.1	49.5	15.3	50.0
13C5-PFPeA	Ave	219977	278945		62.8	49.5	26.8	50.0
13C2 PFHxA	Ave	192846	252780		64.9	49.5	31.1	50.0
13C4-PFHpA	Ave	177883	235489		65.5	49.5	32.4	50.0
18O2 PFHxS	Ave	230540	256481		52.1	46.8	11.3	50.0
M2-6:2FTS	Ave	88838	81903		43.4	47.0	-7.8	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Lab Sample ID: CCV 320-168683/21 Calibration Date: 06/11/2017 07:36

Instrument ID: A8_N Calib Start Date: 06/06/2017 13:31

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/06/2017 14:25

Lab File ID: 2017.06.10B_046.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	180322	234774		64.5	49.5	30.2	50.0
13C4 PFOS	Ave	178130	177246		47.1	47.3	-0.5	50.0
13C5 PFNA	Ave	152667	185969		60.3	49.5	21.8	50.0
13C8 FOSA	Ave	300205	270971		44.7	49.5	-9.7	50.0
M2-8:2FTS	Ave	81859	64049		37.1	47.4	-21.8	50.0
13C2 PFDA	Ave	150783	163638		53.7	49.5	8.5	50.0
d3-NMeFOSAA	Ave	88062	78150		43.9	49.5	-11.3	50.0
13C2 PFUnA	Ave	119837	117237		48.4	49.5	-2.2	50.0
d5-NEtFOSAA	Ave	87293	80363		45.6	49.5	-7.9	50.0
d-N-MeFOSA-M	Ave	88593	86111		48.1	49.5	-2.8	50.0
13C2 PFDoA	Ave	124485	113987		45.3	49.5	-8.4	50.0
d-N-EtFOSA-M	Ave	82760	83516		50.0	49.5	0.9	50.0
13C2-PFTeDA	Ave	257086	232811		44.8	49.5	-9.4	50.0
13C2-PFHxDA	Ave	136854	153331		55.5	49.5	12.0	50.0

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_046.d
Lims ID: CCV L4
Client ID:
Sample Type: CCV
Inject. Date: 11-Jun-2017 07:36:26 ALS Bottle#: 31 Worklist Smp#: 21
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\20170611-44116.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 12-Jun-2017 17:04:42 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK020

First Level Reviewer: chandrasenas Date: 11-Jun-2017 12:10:39

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	1.866	1.866	0.0		18815341	57.1		115	135616	
2 Perfluorobutyric acid										
212.90 > 169.00	1.873	1.873	0.0	1.000	7140349	20.5		103	2032	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.211	2.211	0.0	1.000	5849449	20.1		102	1786	
D 3 13C5-PFPeA										
267.90 > 223.00	2.211	2.211	0.0		13809167	62.8		127	43086	
D 47 13C3-PFBS										
301.90 > 83.00	2.241	2.241	0.0		319759	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.251	2.251	0.0	1.000	8357928	20.0		114		
298.90 > 99.00	2.251	2.251	0.0	1.000	3115573		2.68(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.524	2.524	0.0	1.000	1478839	21.0		113		
6 Perfluorohexanoic acid										
313.00 > 269.00	2.565	2.565	0.0	1.000	5254048	20.5		104	7694	
D 7 13C2 PFHxA										
315.00 > 270.00	2.565	2.565	0.0		12513886	64.9		131	37168	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.958	2.958	0.0	1.000	5161313	20.9		106	2425	
D 9 13C4-PFHpA										
367.00 > 322.00	2.958	2.958	0.0		11657883	65.5		132	32014	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.965	2.965	0.0	1.000	4852501	17.3		95.8		
D 11 18O2 PFHxS										
403.00 > 84.00	2.965	2.965	0.0		12011416	52.1		111	28330	

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	3.323	3.323	0.0	1.000	1564712	19.3		103		
D 12 M2-6:2FTS										
429.00 > 409.00	3.323	3.323	0.0		3851855	43.4		92.2		
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.347	3.347	0.0	1.000	4050420	20.0		106		
D 14 13C4 PFOA										
417.00 > 372.00	3.347	3.347	0.0		11622494	64.5		130	44765	
15 Perfluorooctanoic acid										
413.00 > 369.00	3.354	3.354	0.0	1.000	4902292	19.5		98.7	1572	
413.00 > 169.00	3.354	3.354	0.0	1.000	2845428		1.72(0.90-1.10)		3879	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.671	3.671	0.0	1.000	3368105	18.0		98.0	1115	
499.00 > 99.00	3.712	3.671	0.041	1.011	729156		4.62(0.90-1.10)		4474	
D 18 13C4 PFOS										
503.00 > 80.00	3.721	3.721	0.0		8388490	47.1		99.5	32439	
20 Perfluorononanoic acid										
463.00 > 419.00	3.729	3.729	0.0	1.000	3823475	20.5		104	8533	
D 19 13C5 PFNA										
468.00 > 423.00	3.729	3.729	0.0		9206405	60.3		122	38877	
D 21 13C8 FOSA										
506.00 > 78.00	4.054	4.054	0.0		13414405	44.7		90.3	25350	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.062	4.062	0.0	1.000	5534346	21.1		106	14558	
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.071	4.071	0.0	1.000	1270249	20.4		108		
D 26 M2-8:2FTS										
529.00 > 509.00	4.071	4.071	0.0		3037580	37.1		78.2		
D 23 13C2 PFDA										
515.00 > 470.00	4.079	4.079	0.0		8100873	53.7		109	17412	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.079	4.079	0.0	1.000	3103943	19.9		101	11944	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.232	4.232	0.0		3868793	43.9		88.7		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.232	4.232	0.0	1.000	1790618	22.3		113		
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.359	4.359	0.0	1.000	2088370	17.9		93.7		
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.387	4.387	0.0	1.000	2317030	18.6		93.7	5274	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.387	4.387	0.0		3978379	45.6		92.1		
D 30 13C2 PFUnA										
565.00 > 520.00	4.387	4.387	0.0		5803825	48.4		97.8	14682	
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.396	4.396	0.0	1.002	1544365	20.4		103		
D 34 d-N-MeFOSA-M										
515.00 > 169.00	4.528	4.528	0.0		4262926	48.1		97.2		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
35 MeFOSA										
512.00 > 169.00	4.528	4.528	0.0	1.000	1684355	20.3		103		
D 36 13C2 PFDoA										
615.00 > 570.00	4.662	4.662	0.0		5642912	45.3		91.6	8013	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.662	4.671	-0.009	1.000	2173032	19.9		101	1694	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.696	4.696	0.0		4134479	50.0		101		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.703	4.703	0.0	1.000	1747254	20.9		106		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.911	4.911	0.0	1.000	2212445	19.4		98.0	3885	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.139	5.139	0.0		11525319	44.8		90.6	13867	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.139	5.139	0.0	1.000	5017928	21.2		107	4446	
713.00 > 169.00	5.131	5.139	-0.008	0.998	684566		7.33(0.00-0.00)		4217	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.540	5.540	0.0		7590639	55.5		112	4972	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.540	5.540	0.0	1.000	2642455	24.0		121	317	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.888	5.888	0.0	1.000	2823283	28.0		141	329	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L4_00003 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2017 17:04:43 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_046.d

Injection Date: 11-Jun-2017 07:36:26 Instrument ID: A8_N

Lims ID: CCV L4

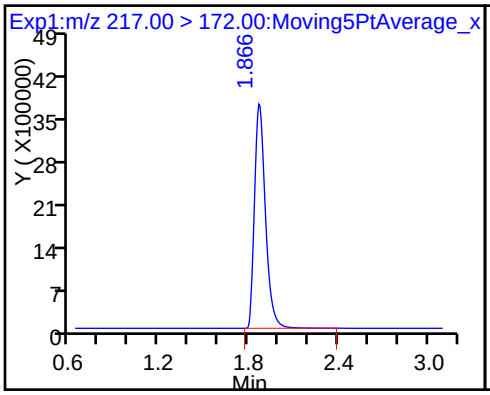
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 31 Worklist Smp#: 21

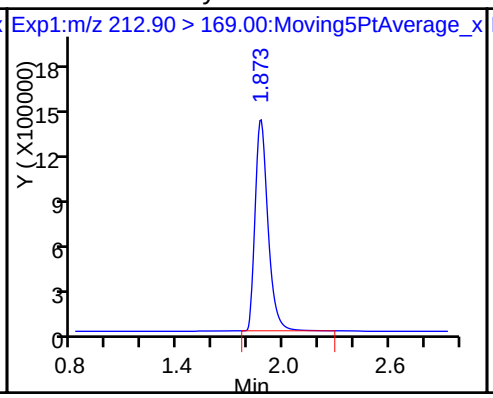
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

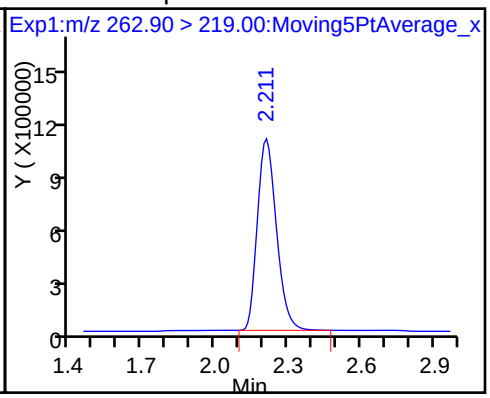
D 1 13C4 PFBA



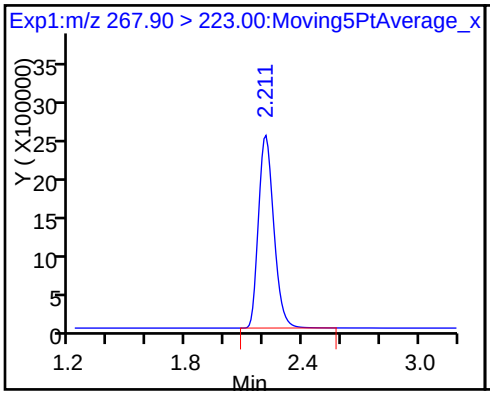
2 Perfluorobutyric acid



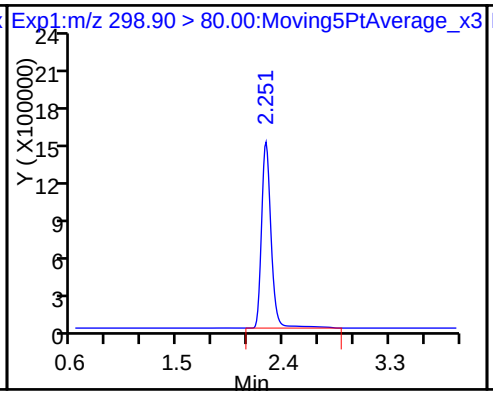
4 Perfluoropentanoic acid



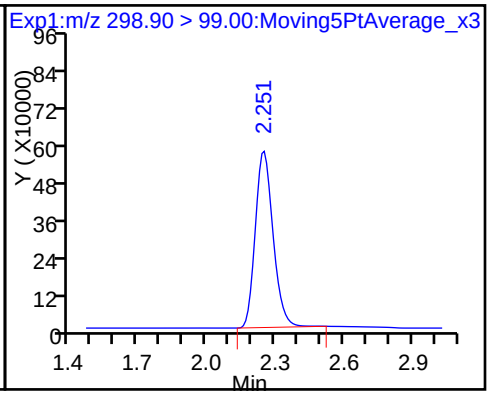
D 3 13C5-PFPeA



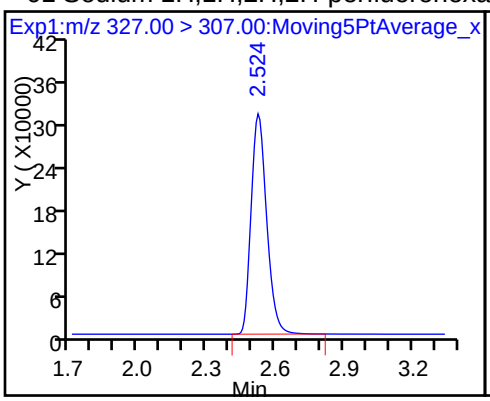
5 Perfluorobutanesulfonic acid



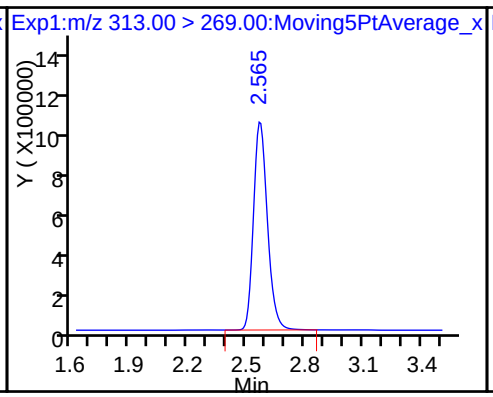
5 Perfluorobutanesulfonic acid



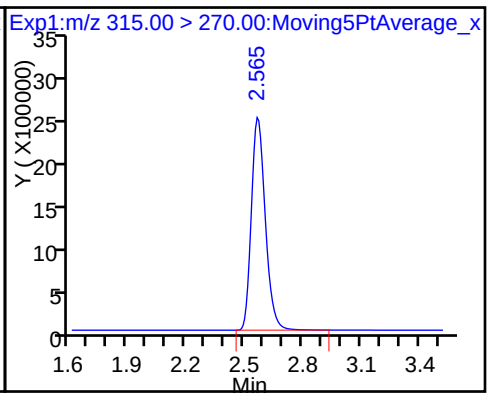
61 Sodium 1H,1H,2H,2H-perfluorohexane



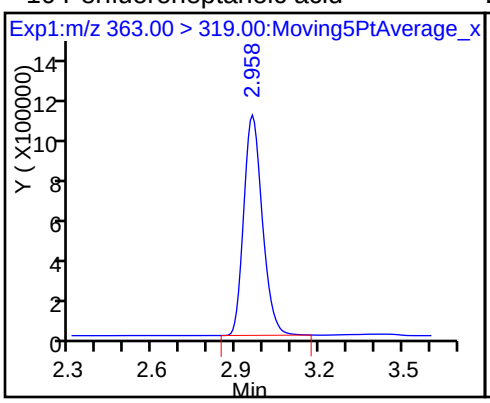
6 Perfluorohexanoic acid



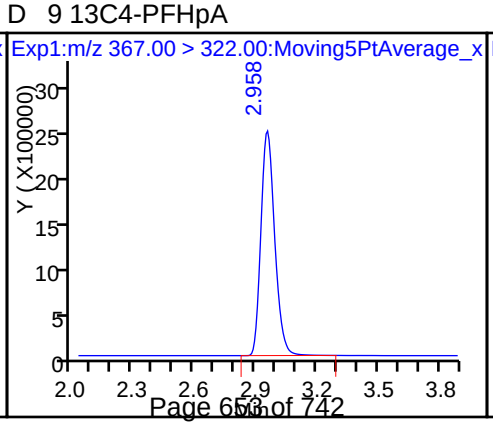
D 7 13C2 PFHxA



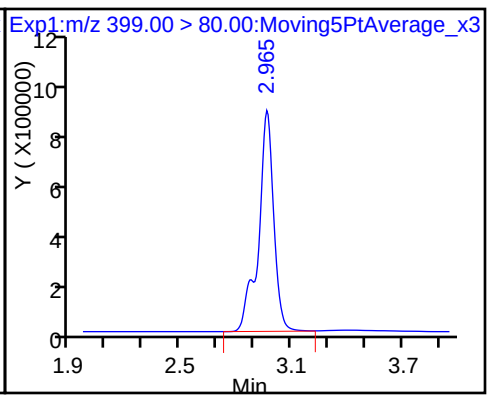
10 Perfluoroheptanoic acid



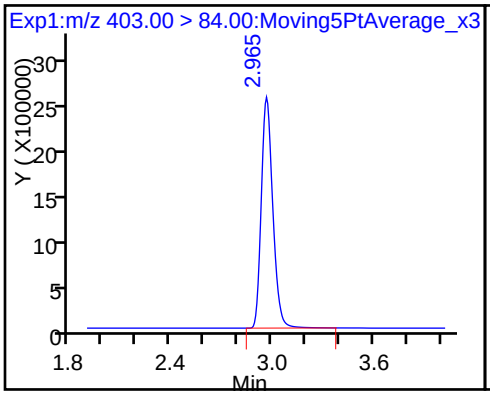
D 9 13C4-PFHpA



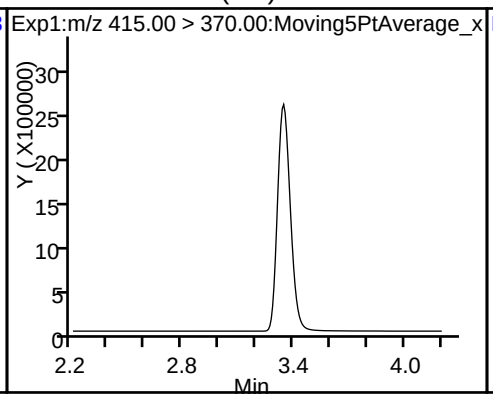
8 Perfluorohexanesulfonic acid



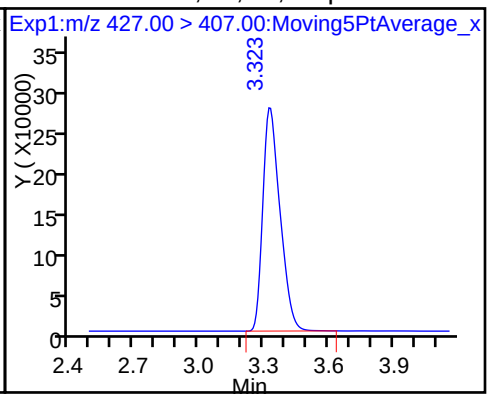
D 11 18O2 PFHxS



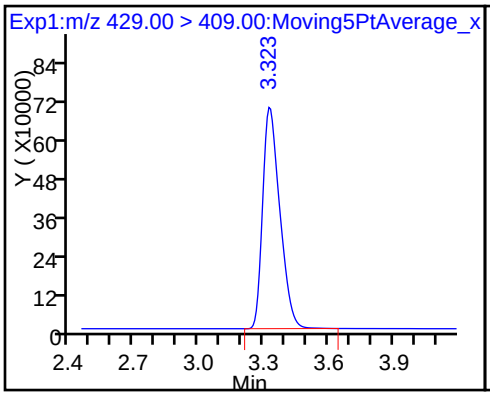
* 62 13C2-PFOA (ND)



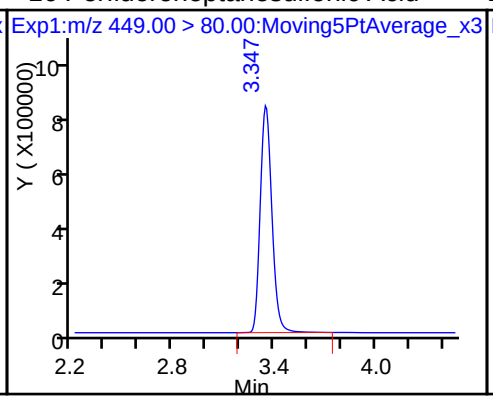
13 Sodium 1H,1H,2H,2H-perfluorooctane



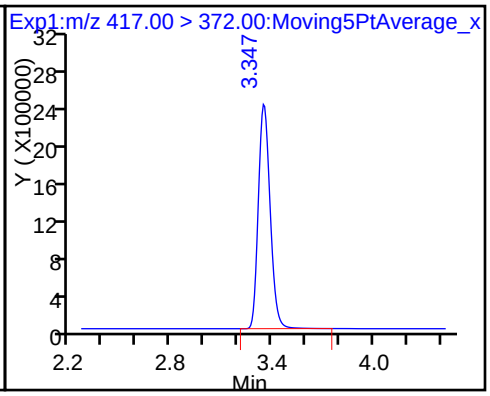
D 12 M2-6:2FTS



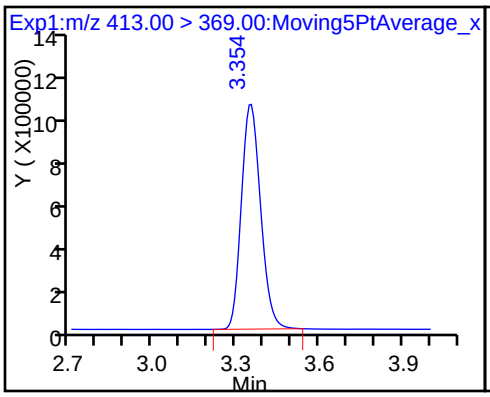
16 Perfluoroheptanesulfonic Acid



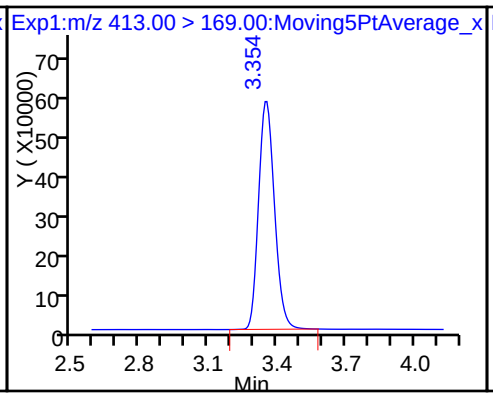
D 14 13C4 PFOA



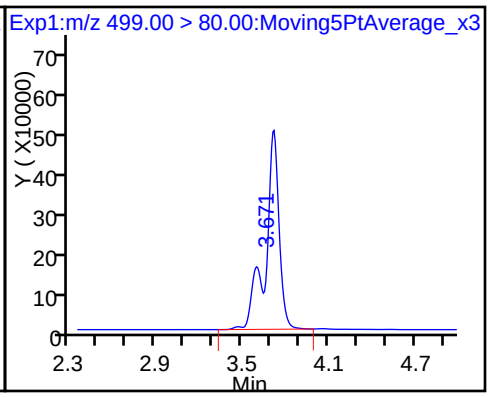
15 Perfluorooctanoic acid



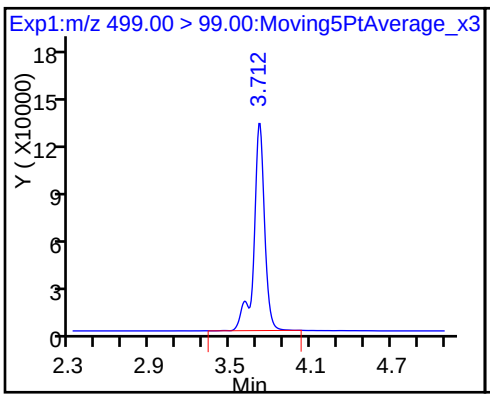
15 Perfluorooctanoic acid



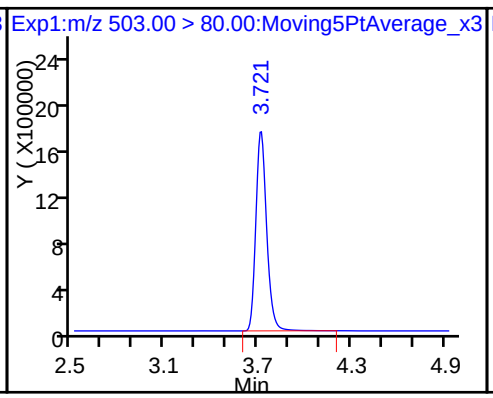
17 Perfluorooctane sulfonic acid



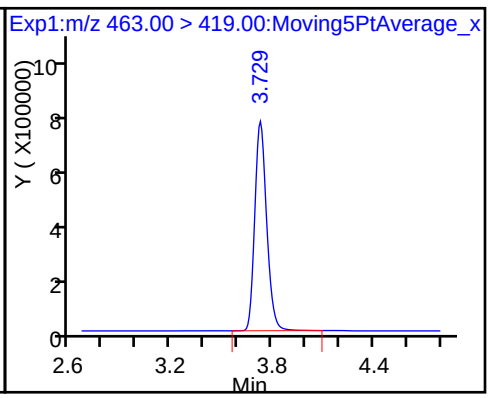
17 Perfluorooctane sulfonic acid



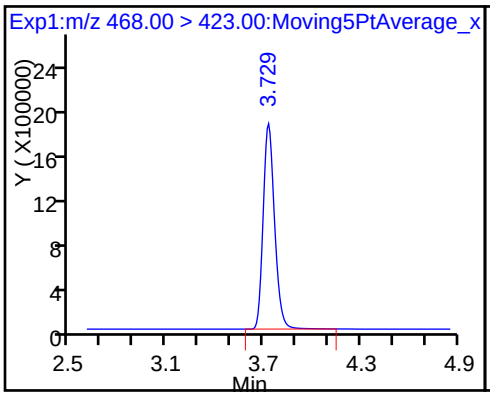
D 18 13C4 PFOS



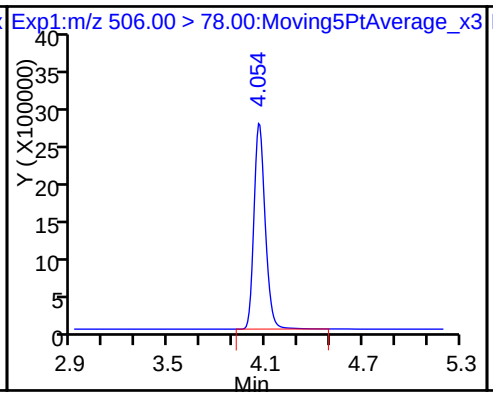
20 Perfluorononanoic acid



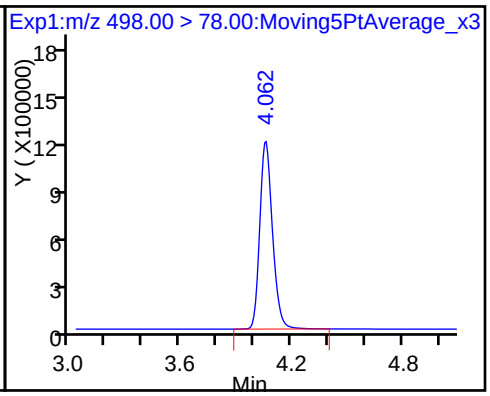
D 19 13C5 PFNA



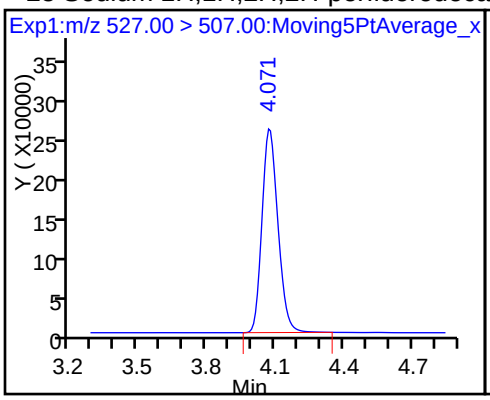
D 21 13C8 FOSA



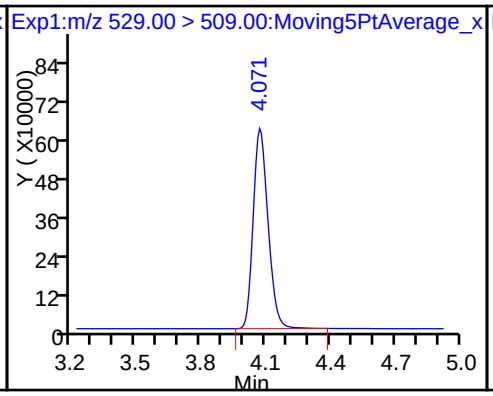
22 Perfluorooctane Sulfonamide



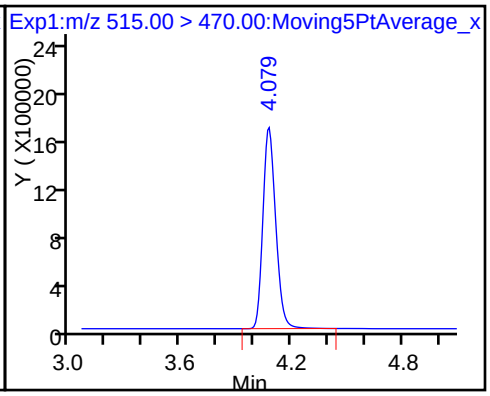
25 Sodium 1H,1H,2H,2H-perfluorodecane



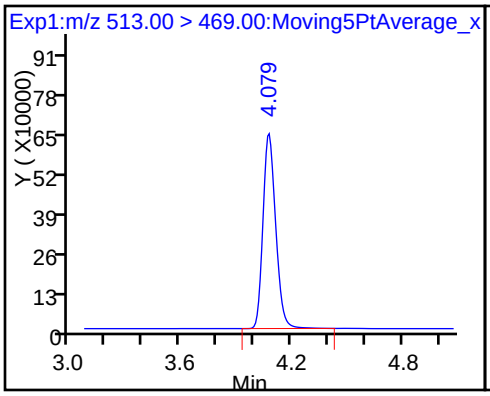
D 26 M2-8:2FTS



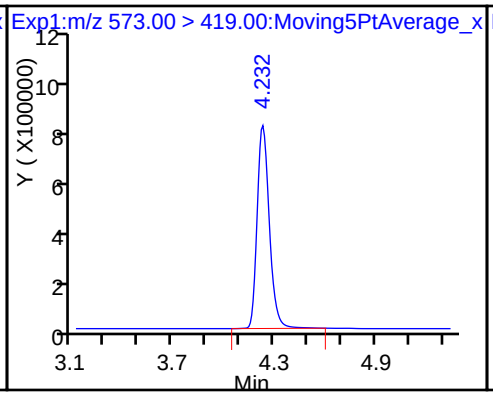
D 23 13C2 PFDA



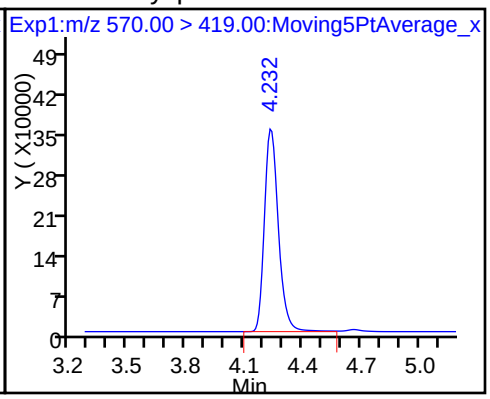
24 Perfluorodecanoic acid



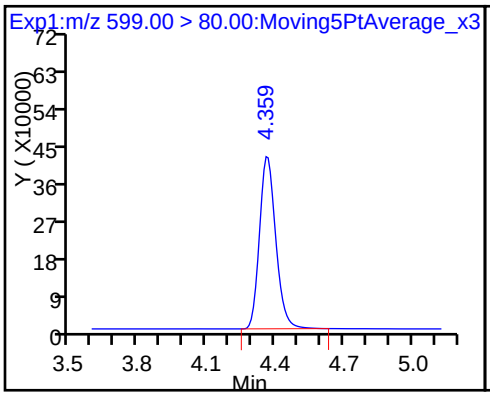
D 27 d3-NMeFOSAA



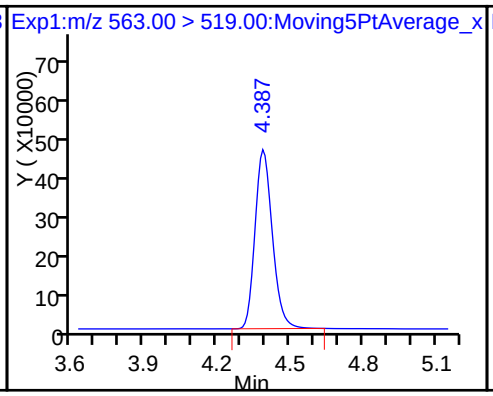
28 N-methyl perfluorooctane sulfonami



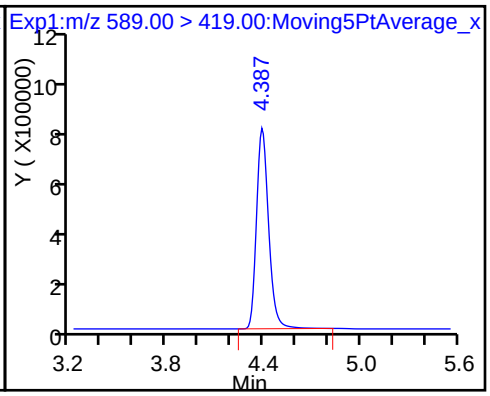
29 Perfluorodecane Sulfonic acid



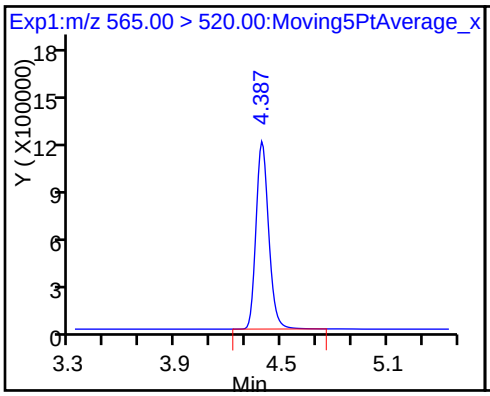
31 Perfluoroundecanoic acid



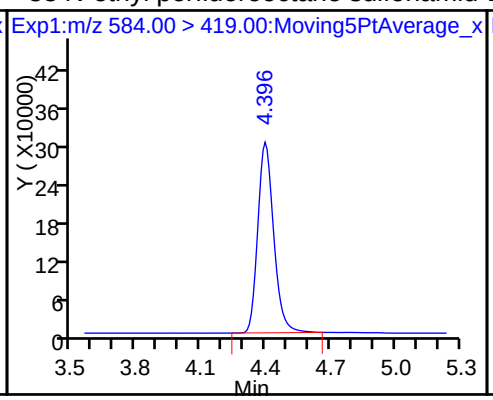
D 32 d5-NEtFOSAA



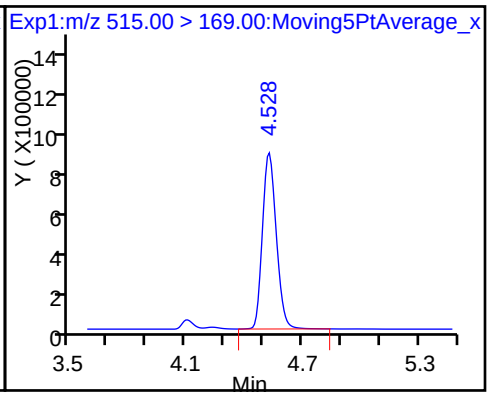
D 30 13C2 PFUnA



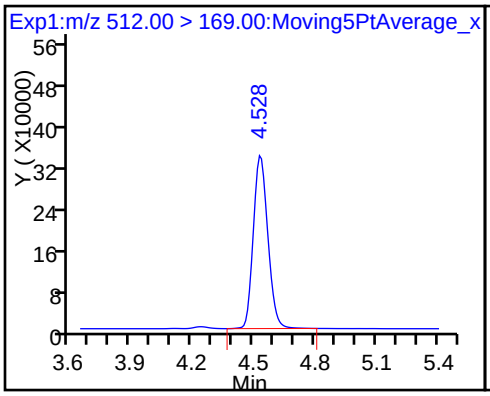
33 N-ethyl perfluorooctane sulfonamid



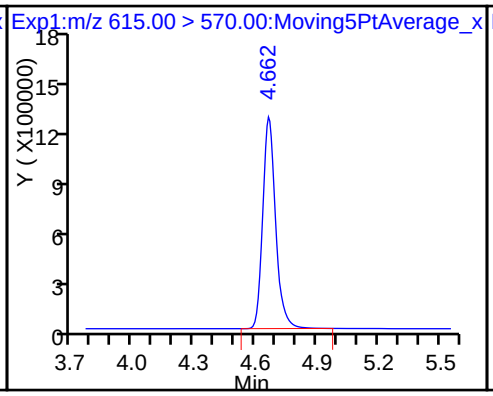
D 34 d-N-MeFOSA-M



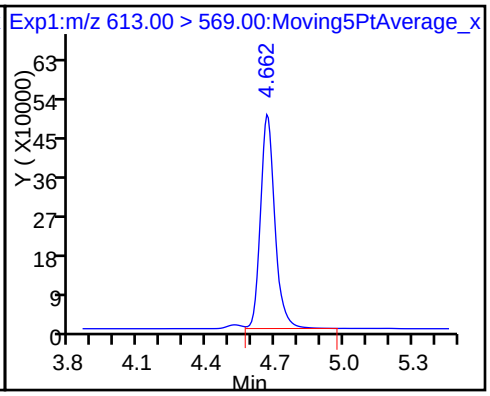
35 MeFOSA



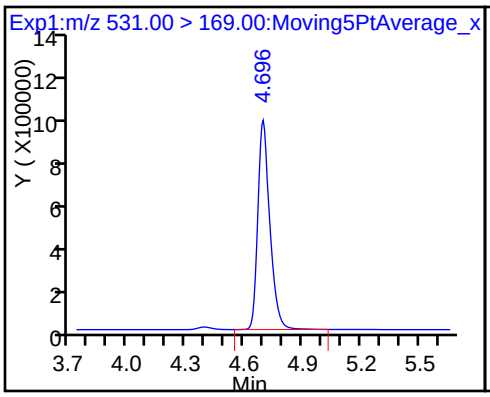
D 36 13C2 PFDoA



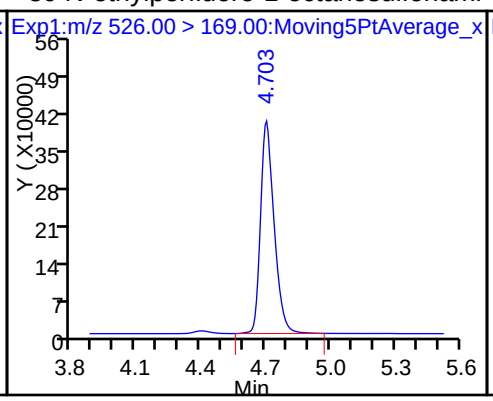
37 Perfluorododecanoic acid



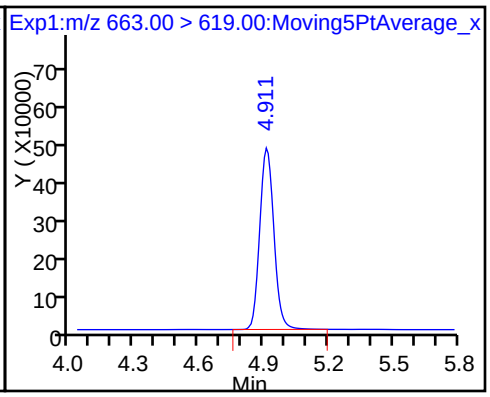
D 38 d-N-EtFOSA-M



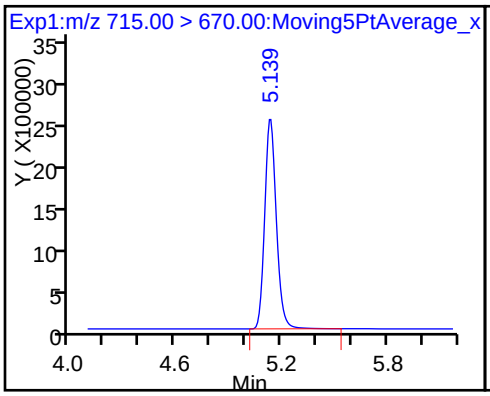
39 N-ethylperfluoro-1-octanesulfonami



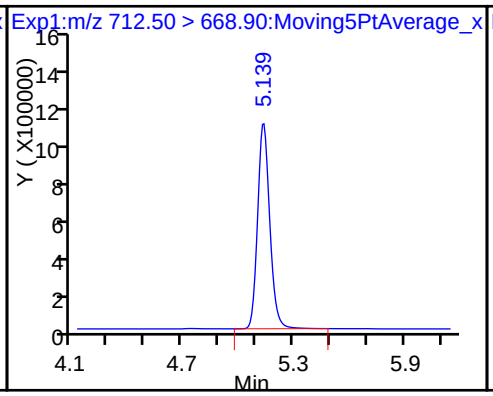
41 Perfluorotridecanoic acid



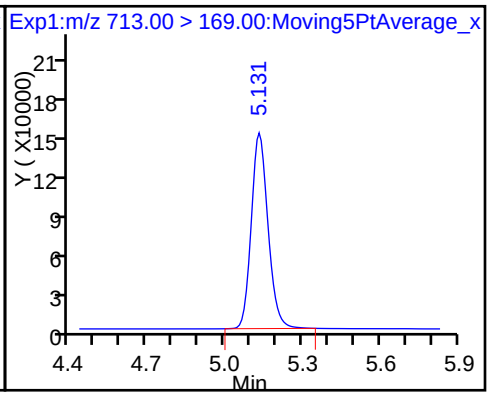
D 43 13C2-PFTeDA



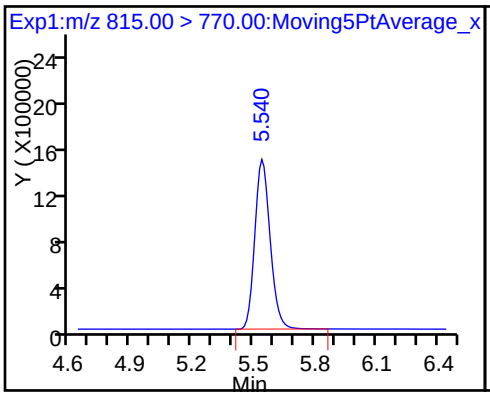
42 Perfluorotetradecanoic acid



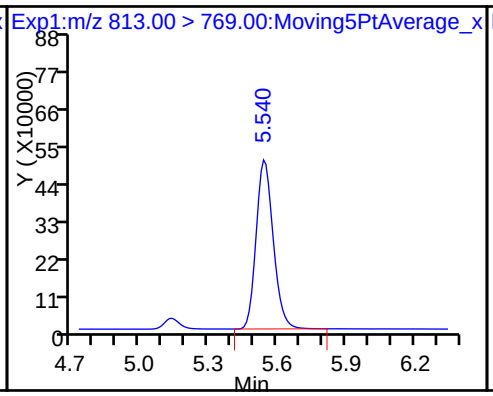
42 Perfluorotetradecanoic acid



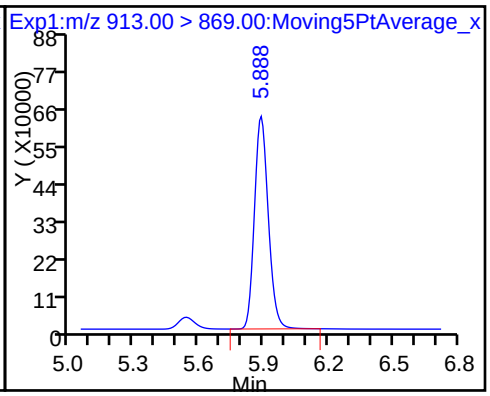
D 44 13C2-PFHxDA



45 Perfluorohexadecanoic acid



46 Perfluorooctadecanoic acid



FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Lab Sample ID: ICV 320-168697/12 Calibration Date: 06/11/2017 16:05

Instrument ID: A8_N Calib Start Date: 06/11/2017 14:55

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/11/2017 15:49

Lab File ID: 2017.06.11AA_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	0.9053	0.9804		53.6	49.5	8.3	25.0
Perfluoropentanoic acid (PFPeA)	AveID	1.040	1.077		51.2	49.5	3.5	25.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.732	1.973		49.9	43.8	13.9	25.0
Perfluorohexanoic acid (PFHxA)	AveID	1.006	1.028		50.6	49.5	2.2	25.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.055	1.064		49.9	49.5	0.8	25.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.109	1.099		46.4	46.8	-0.9	25.0
6:2FTS	L2ID		0.9151		45.2	46.9	-3.6	25.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.220	1.261		48.7	47.1	3.4	25.0
Perfluorooctanoic acid (PFOA)	AveID	1.071	1.144		52.9	49.5	6.8	25.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.076	1.024		45.0	47.3	-4.8	25.0
Perfluorononanoic acid (PFNA)	AveID	0.9849	1.061		53.3	49.5	7.7	25.0
Perfluorooctane Sulfonamide (FOSA)	AveID	0.9740	0.9737		49.5	49.5	-0.0	25.0
8:2FTS	AveID	0.9924	0.9446		45.1	47.4	-4.8	25.0
Perfluorodecanoic acid (PFDA)	AveID	0.9617	1.010		52.0	49.5	5.1	25.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.047	1.078		51.0	49.5	3.0	25.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6091	0.6283		49.3	47.8	3.1	25.0
Perfluoroundecanoic acid (PFUnA)	L2ID		1.051		51.3	49.5	3.7	25.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9672	0.9203		47.1	49.5	-4.9	25.0
MeFOSA	AveID	0.9723	0.9701		49.4	49.5	-0.2	25.0
Perfluorododecanoic acid (PFDoA)	AveID	0.9368	0.9825		51.9	49.5	4.9	25.0
N-EtFOSA-M	AveID	0.996	1.039		51.7	49.5	4.4	25.0
Perfluorotridecanoic Acid (PFTriA)	AveID	0.9233	0.9722		52.1	49.5	5.3	25.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.221		53.9	49.5	8.8	25.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		1.128		54.1	49.5	9.3	25.0
Perfluoro-n-octadecanoic acid (PFODA)	L2ID		1.134		52.2	49.5	5.5	25.0
13C4 PFBA	Ave	367871	386614		52.0	49.5	5.1	50.0
13C5-PFPeA	Ave	261969	275648		52.1	49.5	5.2	50.0
13C2 PFHxA	Ave	243438	250107		50.9	49.5	2.7	50.0
13C4-PFHpA	Ave	221858	230490		51.4	49.5	3.9	50.0
18O2 PFHxS	Ave	243129	250080		48.2	46.8	2.9	50.0
M2-6:2FTS	Ave	96964	92221		44.7	47.0	-4.9	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Lab Sample ID: ICV 320-168697/12 Calibration Date: 06/11/2017 16:05

Instrument ID: A8_N Calib Start Date: 06/11/2017 14:55

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/11/2017 15:49

Lab File ID: 2017.06.11AA_012.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	222743	222403		49.4	49.5	-0.2	50.0
13C4 PFOS	Ave	167614	174580		49.3	47.3	4.2	50.0
13C5 PFNA	Ave	182793	188766		51.1	49.5	3.3	50.0
13C8 FOSA	Ave	263605	275212		51.7	49.5	4.4	50.0
M2-8:2FTS	Ave	69540	72776		49.6	47.4	4.7	50.0
13C2 PFDA	Ave	155204	160829		51.3	49.5	3.6	50.0
d3-NMeFOSAA	Ave	83744	84951		50.2	49.5	1.4	50.0
13C2 PFUnA	Ave	111528	114742		50.9	49.5	2.9	50.0
d5-NEtFOSAA	Ave	80770	82132		50.3	49.5	1.7	50.0
d-N-MeFOSA-M	Ave	82861	91621		54.7	49.5	10.6	50.0
13C2 PFDoA	Ave	114696	116288		50.2	49.5	1.4	50.0
d-N-EtFOSA-M	Ave	81546	90994		55.2	49.5	11.6	50.0
13C2-PFTeDA	Ave	219712	228482		51.5	49.5	4.0	50.0
13C2-PFHxDA	Ave	134639	138533		50.9	49.5	2.9	50.0

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_012.d
Lims ID: ICV Full
Client ID:
Sample Type: ICV
Inject. Date: 11-Jun-2017 16:05:13 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\20170611-44123.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 12-Jun-2017 10:06:20 Calib Date: 11-Jun-2017 15:42:06
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_009.d

Column 1 : Det: EXP1
Process Host: XAWRK020

First Level Reviewer: chandrasenas Date: 12-Jun-2017 10:00:06

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	1.865	1.870	-0.005		19139283	52.0		105	225178	
2 Perfluorobutyric acid										
212.90 > 169.00	1.873	1.872	0.001	1.000	18764644	53.6			5588	
D 3 13C5-PFPeA										
267.90 > 223.00	2.210	2.211	-0.001		13645962	52.1		105	346654	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.210	2.215	-0.005	1.000	14696809	51.2			8051	
D 47 13C3-PFBS										
301.90 > 83.00	2.251	2.250	0.001		313283	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.251	2.255	-0.004	1.000	21618564	49.9				
298.90 > 99.00	2.251	2.255	-0.004	1.000	9092079		2.38(0.00-0.00)			
61 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.531	2.534	-0.003	1.000	4326262	52.5				
D 7 13C2 PFHxA										
315.00 > 270.00	2.573	2.575	-0.002		12381538	50.9		103	33105	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.573	2.576	-0.003	1.000	12732545	50.6			24404	
D 9 13C4-PFHpA										
367.00 > 322.00	2.967	2.967	0.0		11410388	51.4		104	47382	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.967	2.969	-0.002	1.000	12135794	49.9			5127	
D 11 18O2 PFHxS										
403.00 > 84.00	2.974	2.978	-0.004		11711654	48.2		103	30617	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.974	2.978	-0.004	1.000	12857882	46.4				

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	3.340	3.344	-0.004		4337139	44.7		95.1		
13 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.333	3.345	-0.012	1.000	3960394	45.2				
* 62 13C2-PFOA										
415.00 > 370.00	3.356	3.361	-0.005		11416039	49.5				
D 14 13C4 PFOA										
417.00 > 372.00	3.363	3.363	0.0		11010026	49.4		99.8	44293	
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.356	3.363	-0.007	1.000	10373426	48.7				
15 Perfluorooctanoic acid										
413.00 > 369.00	3.363	3.364	-0.001	1.000	12596010	52.9			3599	
413.00 > 169.00	3.363	3.364	-0.001	1.000	7148411		1.76(0.90-1.10)		9797	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.734	3.682	0.052	1.000	8453106	45.0			20184	
499.00 > 99.00	3.734	3.682	0.052	1.000	1998495		4.23(0.90-1.10)		8775	
D 18 13C4 PFOS										
503.00 > 80.00	3.734	3.733	0.001		8262278	49.3		104	24161	
D 19 13C5 PFNA										
468.00 > 423.00	3.742	3.747	-0.005		9344873	51.1		103	25006	
20 Perfluorononanoic acid										
463.00 > 419.00	3.742	3.747	-0.005	1.000	9910197	53.3			19652	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.059	4.065	-0.006	1.000	13266407	49.5			20691	
D 21 13C8 FOSA										
506.00 > 78.00	4.059	4.065	-0.006		13624373	51.7		104	14204	
D 26 M2-8:2FTS										
529.00 > 509.00	4.084	4.091	-0.007		3451461	49.6		105		
25 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.093	4.091	0.002	1.002	3260147	45.1				
D 23 13C2 PFDA										
515.00 > 470.00	4.093	4.093	0.0		7961824	51.3		104	13838	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.093	4.096	-0.003	1.000	8045047	52.0			13119	
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.243	4.250	-0.007		4205493	50.2		101		
28 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.253	4.254	-0.001	1.002	4534932	51.0				
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.382	4.381	0.001	1.000	5239798	49.3				
D 30 13C2 PFUnA										
565.00 > 520.00	4.400	4.406	-0.006		5680317	50.9		103	14731	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.400	4.407	-0.007	1.000	5970191	51.3			21440	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.410	4.409	0.001		4065948	50.3		102		
33 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.410	4.415	-0.005	1.000	3741752	47.1				

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	4.523	4.529	-0.006		4535690	54.7		111		
35 MeFOSA										
512.00 > 169.00	4.533	4.532	0.001	1.000	4400040	49.4				
D 36 13C2 PFDoA										
615.00 > 570.00	4.681	4.684	-0.003		5756833	50.2		101	8459	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.681	4.686	-0.005	1.000	5656245	51.9			4673	
D 38 d-N-EtFOSA-M										
531.00 > 169.00	4.695	4.698	-0.003		4504641	55.2		112		
39 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.702	4.703	-0.001	1.000	4681918	51.7				
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.932	4.937	-0.005	1.000	5596853	52.1			6121	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.151	5.158	-0.007		11310994	51.5		104	10920	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.159	5.158	0.001	1.000	12786489	53.9			9168	
713.00 > 169.00	5.151	5.158	-0.007	0.998	1684423		7.59(0.00-0.00)		6740	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.565	5.570	-0.005	1.000	6494022	54.1			837	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.565	5.570	-0.005		6858078	50.9		103	4772	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.920	5.928	-0.008	1.000	6527563	52.2			807	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFCIC_FULL_00003 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2017 10:06:21 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_012.d

Injection Date: 11-Jun-2017 16:05:13 Instrument ID: A8_N

Lims ID: ICV Full

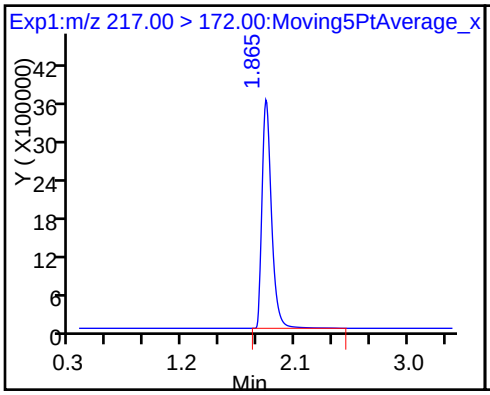
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 36 Worklist Smp#: 12

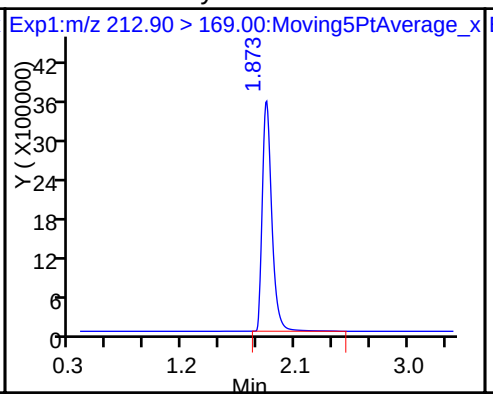
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

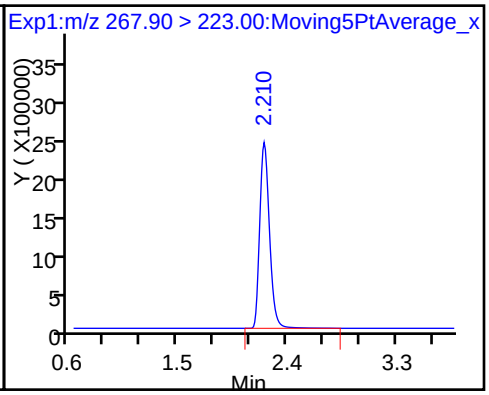
D 1 13C4 PFBA



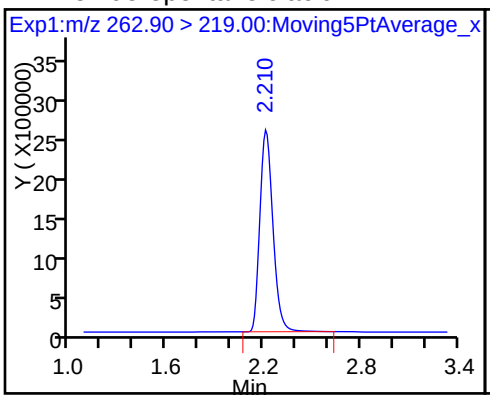
2 Perfluorobutyric acid



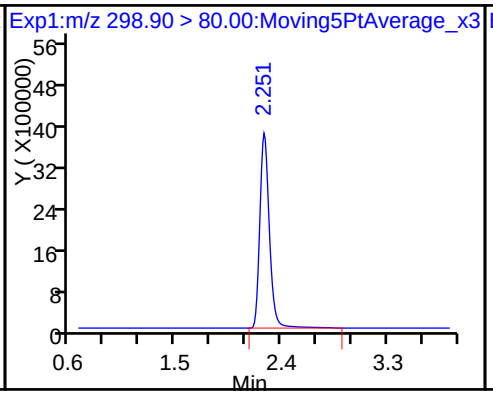
D 3 13C5-PFPeA



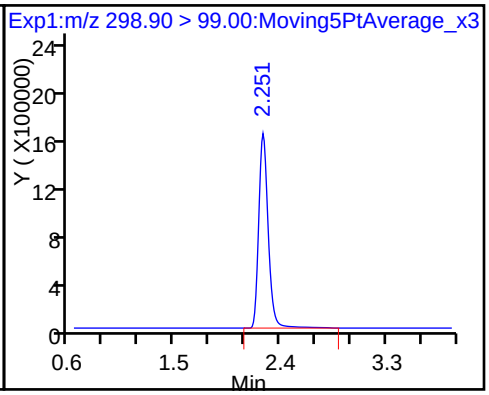
4 Perfluoropentanoic acid



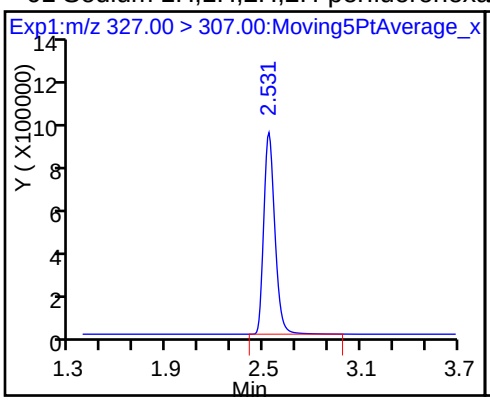
5 Perfluorobutanesulfonic acid



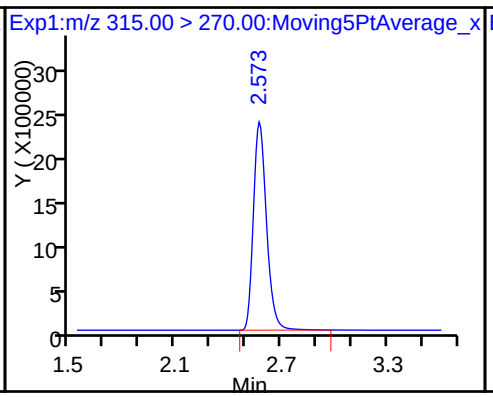
5 Perfluorobutanesulfonic acid



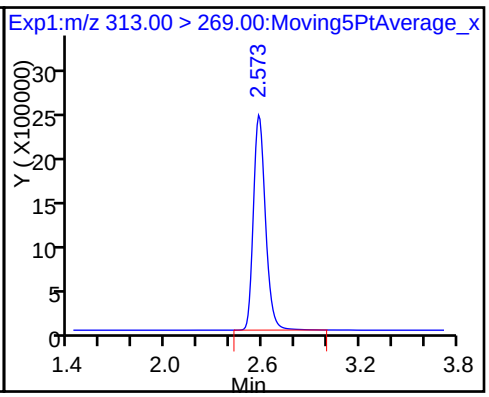
61 Sodium 1H,1H,2H,2H-perfluorohexa



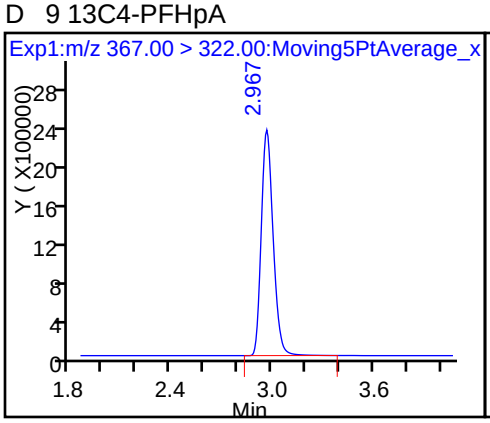
De 7 13C2 PFHxA



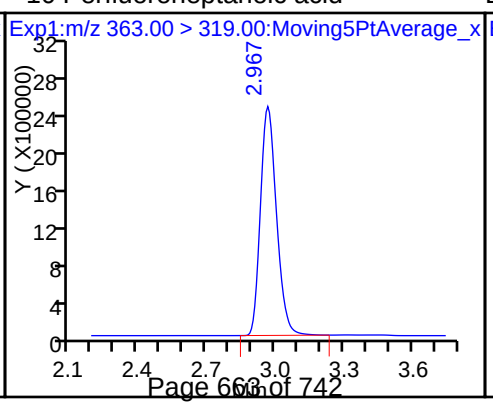
6 Perfluorohexanoic acid



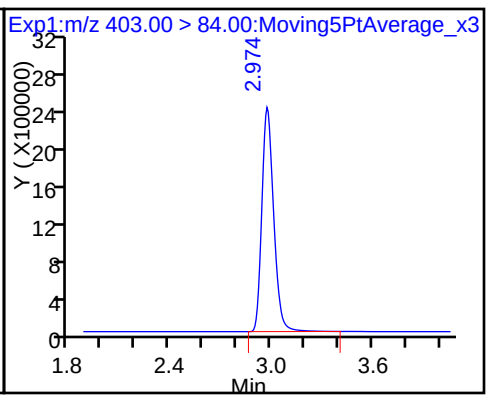
D 9 13C4-PFHpA



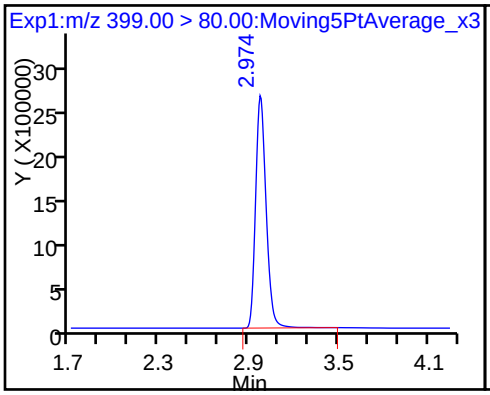
10 Perfluoroheptanoic acid



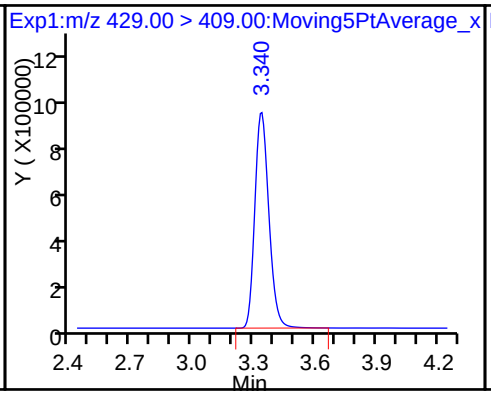
D 11 18O2 PFHxS



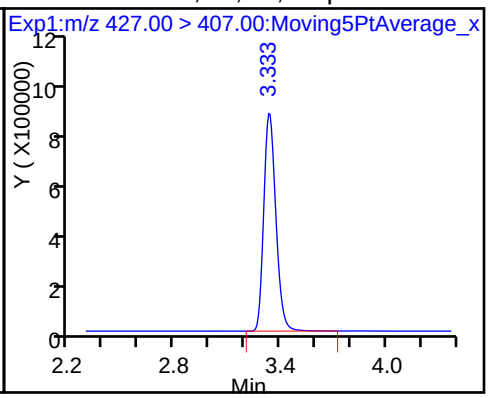
8 Perfluorohexanesulfonic acid



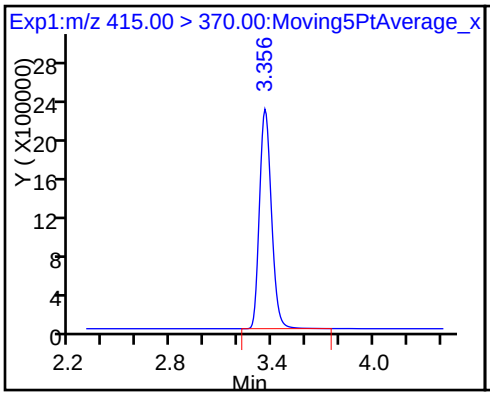
D 12 M2-6:2FTS



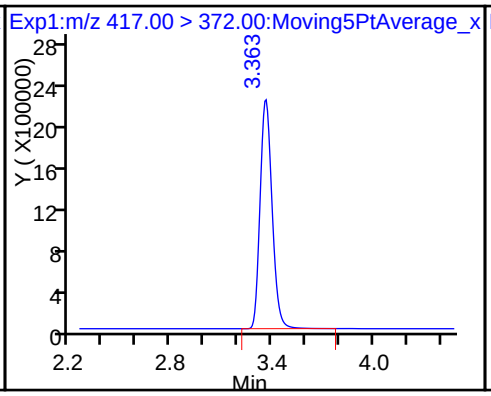
13 Sodium 1H,1H,2H,2H-perfluorooctane



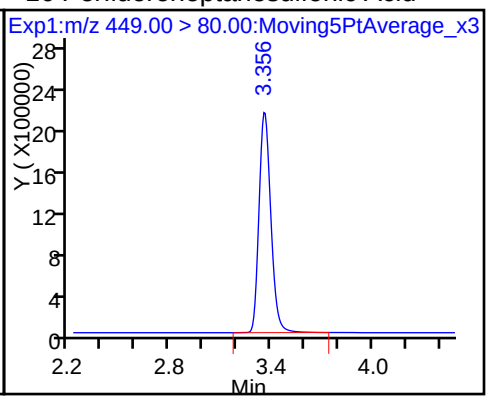
* 62 13C2-PFOA



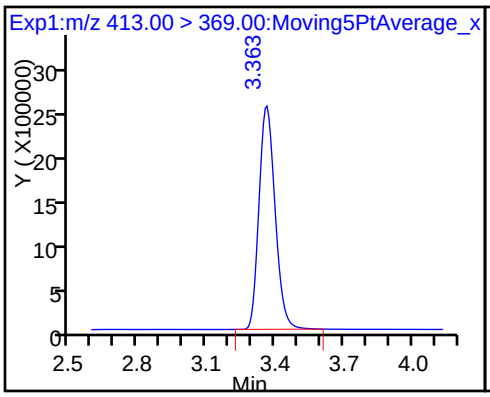
D 14 13C4 PFOA



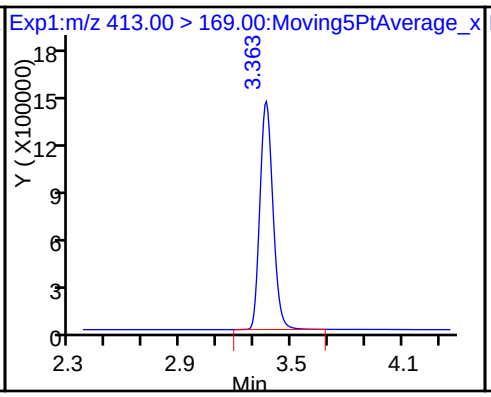
16 Perfluoroheptanesulfonic Acid



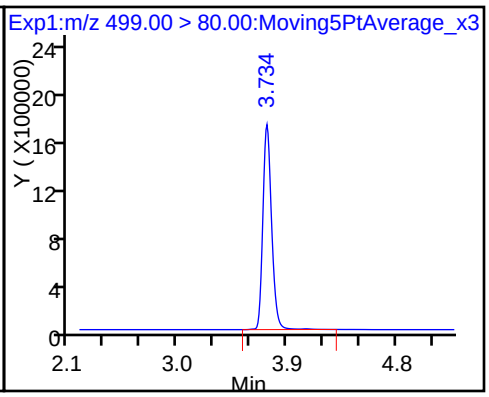
15 Perfluorooctanoic acid



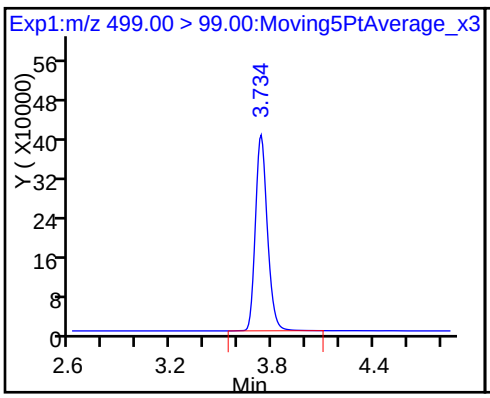
15 Perfluorooctanoic acid



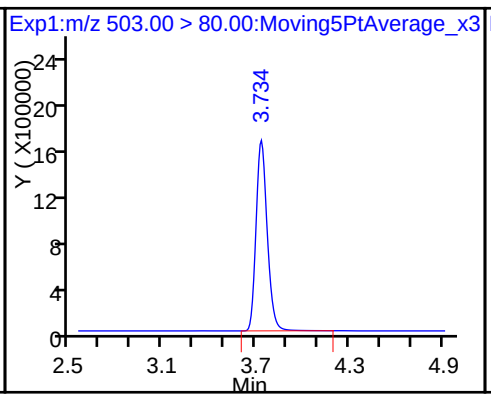
17 Perfluorooctane sulfonic acid



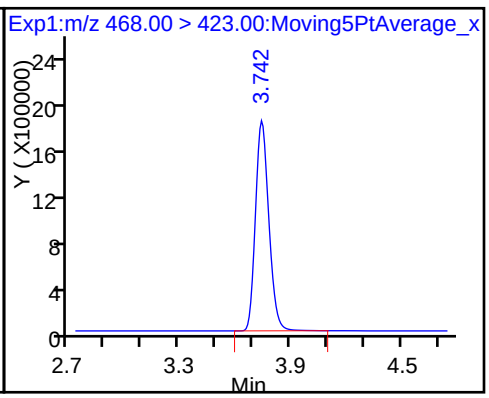
17 Perfluorooctane sulfonic acid



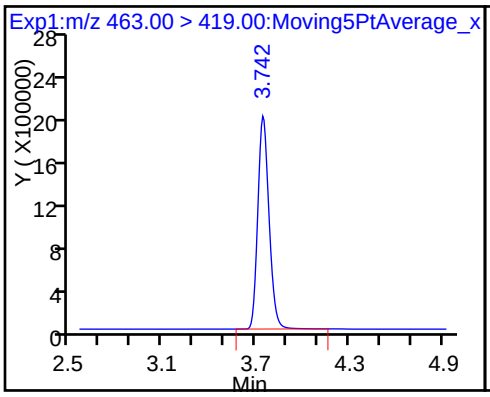
D 18 13C4 PFOS



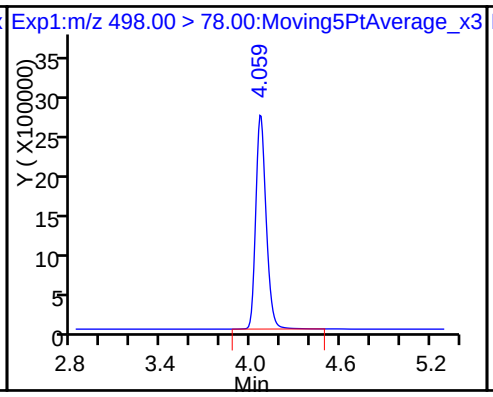
D 19 13C5 PFNA



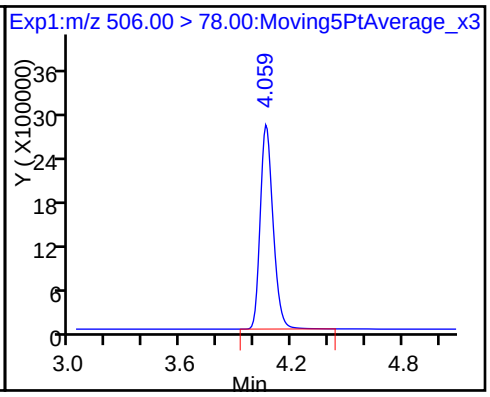
20 Perfluorononanoic acid



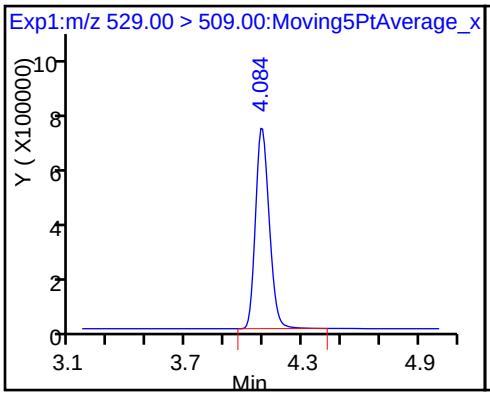
22 Perfluorooctane Sulfonamide



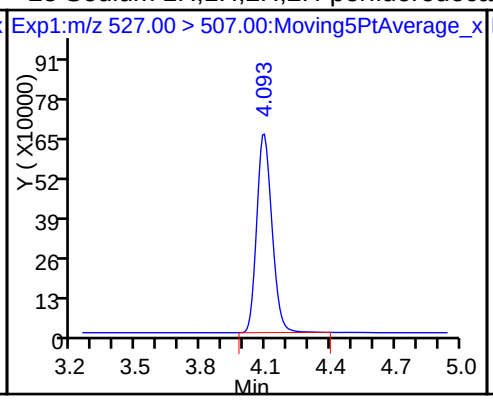
D 21 13C8 FOSA



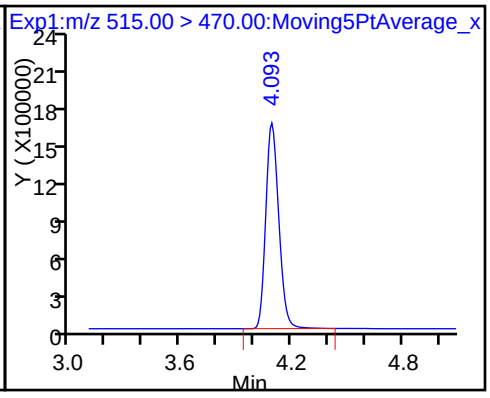
D 26 M2-8:2FTS



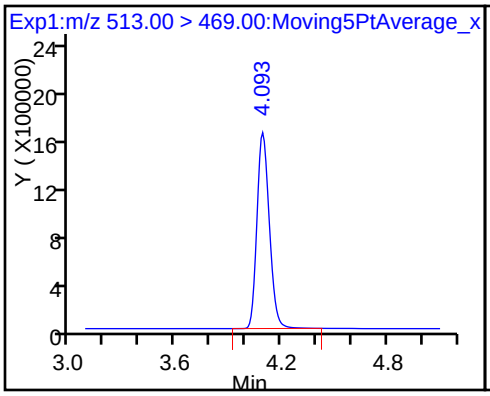
25 Sodium 1H,1H,2H,2H-perfluorodecane



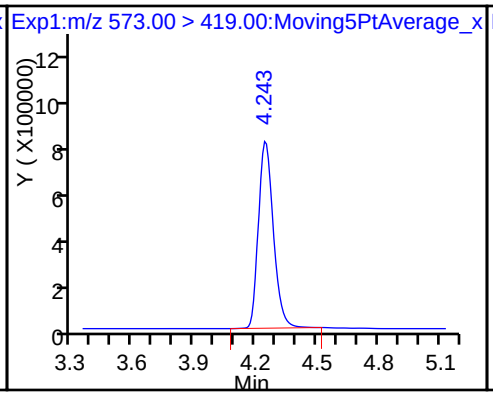
D 23 13C2 PFDA



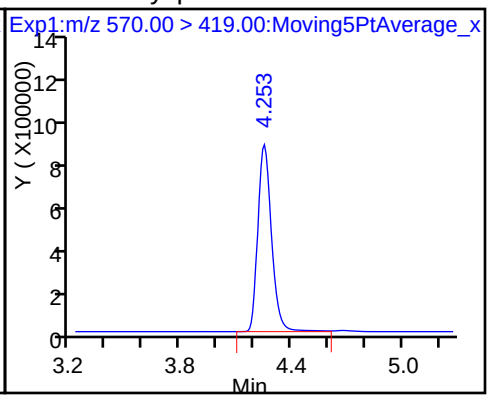
24 Perfluorodecanoic acid



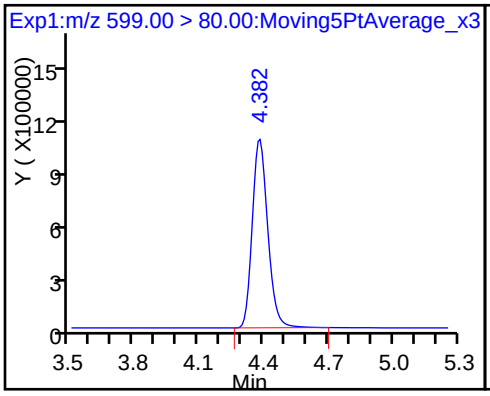
D 27 d3-NMeFOSAA



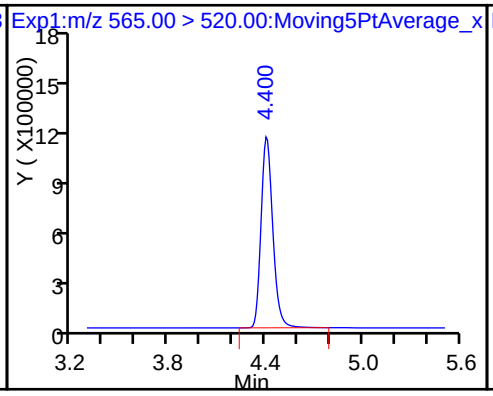
28 N-methyl perfluorooctane sulfonami



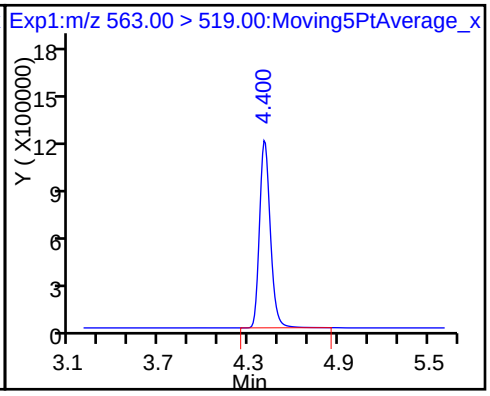
29 Perfluorodecane Sulfonic acid



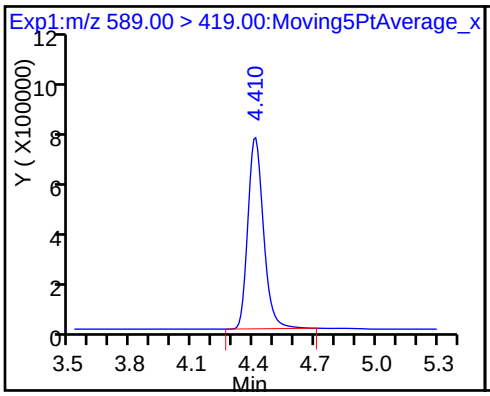
D 30 13C2 PFUnA



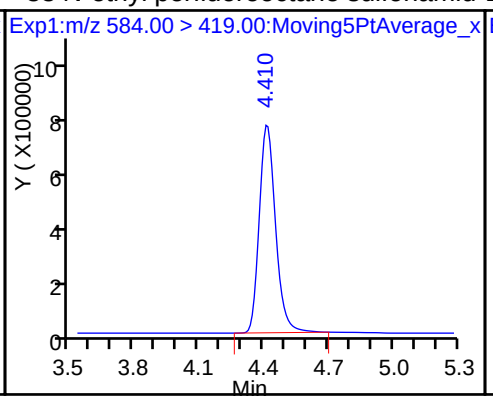
31 Perfluoroundecanoic acid



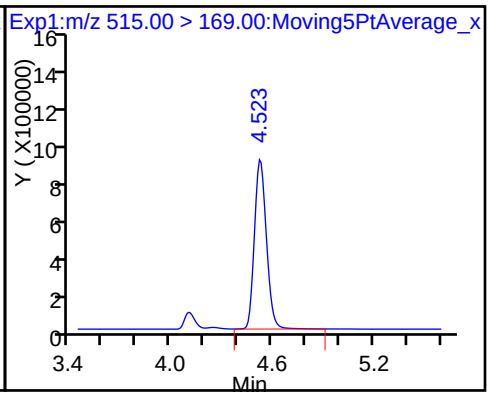
D 32 d5-NEtFOSAA



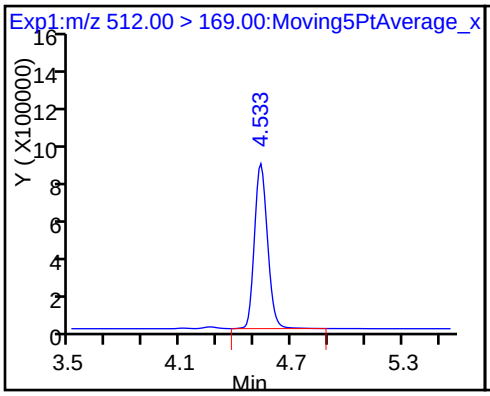
33 N-ethyl perfluorooctane sulfonamid



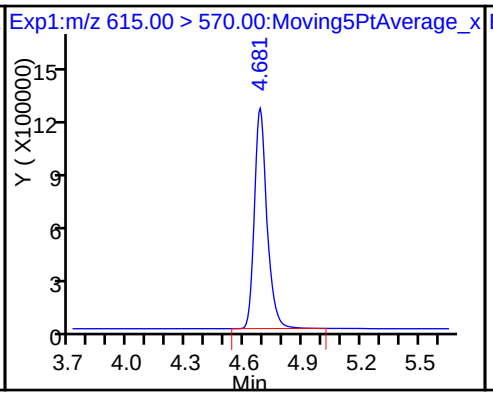
D 34 d-N-MeFOSA-M



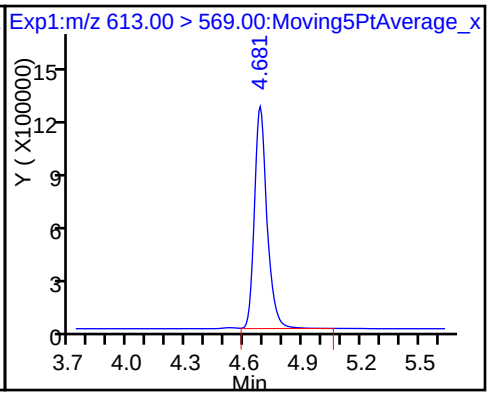
35 MeFOSA



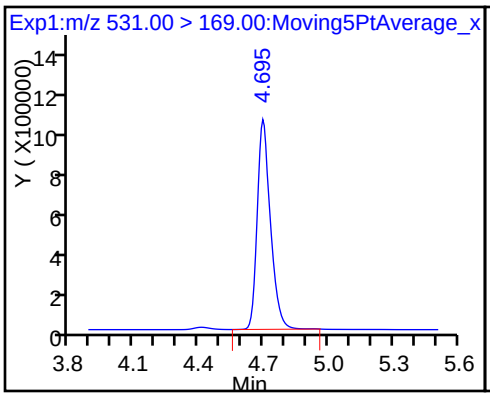
D 36 13C2 PFDoA



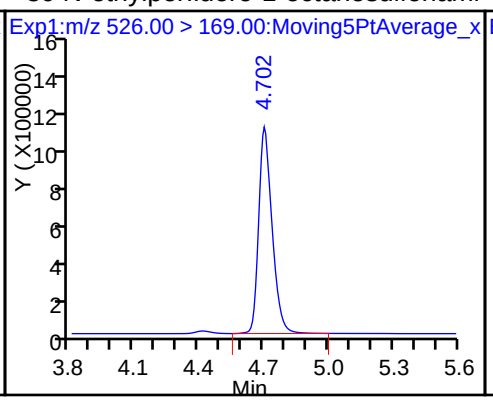
37 Perfluorododecanoic acid



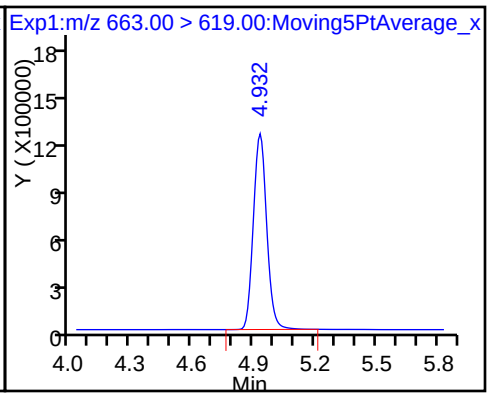
D 38 d-N-EtFOSA-M



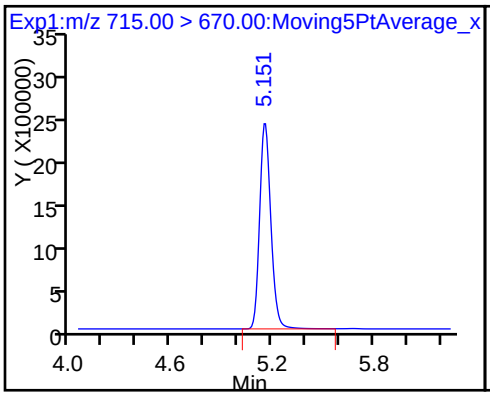
39 N-ethylperfluoro-1-octanesulfonami



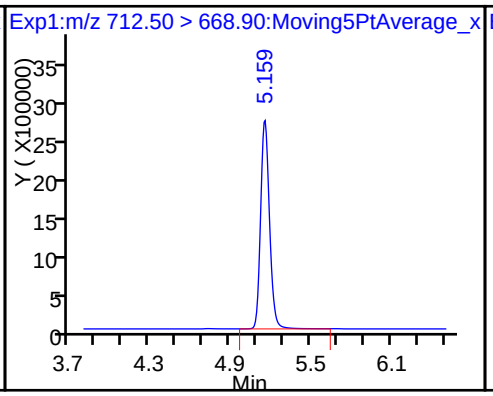
41 Perfluorotridecanoic acid



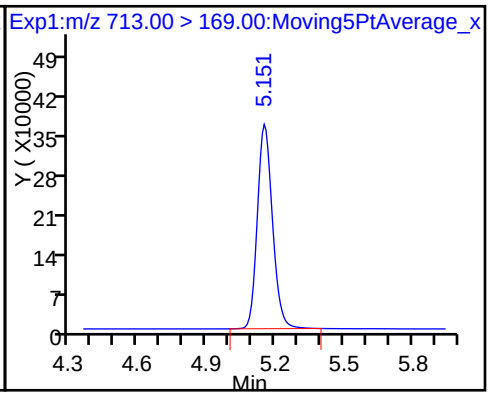
D 43 13C2-PFTeDA



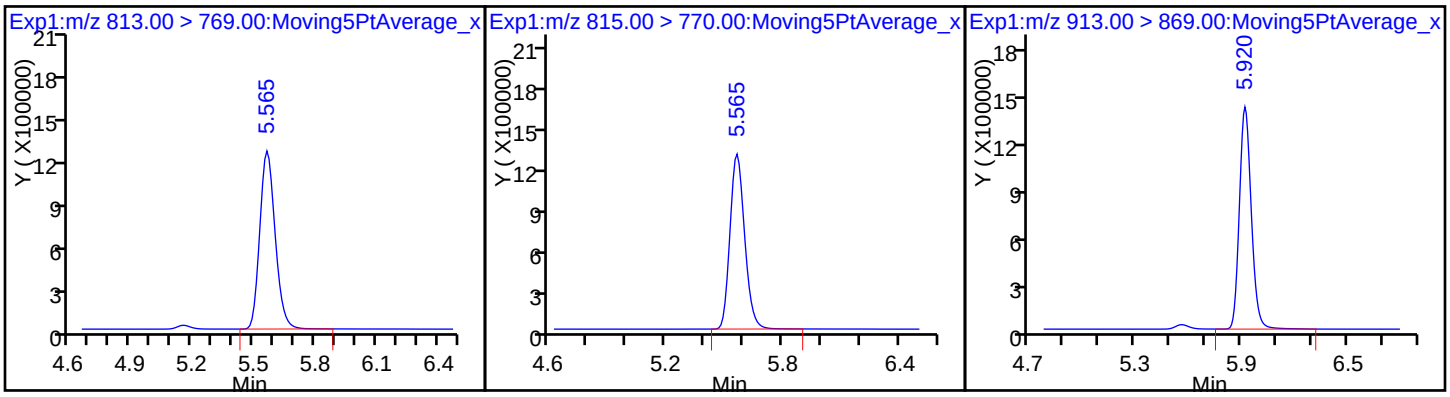
42 Perfluorotetradecanoic acid



42 Perfluorotetradecanoic acid



45 Perfluorohexadecanoic acid D 44 13C2-PFHxDA 46 Perfluorooctadecanoic acid



FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Lab Sample ID: CCVL 320-169024/1 Calibration Date: 06/13/2017 08:49

Instrument ID: A8_N Calib Start Date: 06/11/2017 14:55

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/11/2017 15:49

Lab File ID: 2017.06.13A_004.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	0.9053	0.8799		0.962	0.990	-2.8	50.0
Perfluoropentanoic acid (PFPeA)	AveID	1.040	1.051		1.00	0.990	1.0	50.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.732	1.641		0.829	0.875	-5.3	50.0
Perfluorohexanoic acid (PFHxA)	AveID	1.006	1.026		1.01	0.990	2.0	50.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.055	1.020		0.957	0.990	-3.4	50.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.109	1.145		0.930	0.901	3.3	50.0
6:2FTS	L2ID		1.040		0.967	0.939	3.0	50.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.220	1.223		0.945	0.943	0.3	50.0
Perfluorooctanoic acid (PFOA)	AveID	1.071	1.112		1.03	0.990	3.8	50.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.076	1.030		0.873	0.919	-4.3	50.0
Perfluorononanoic acid (PFNA)	AveID	0.9849	0.9408		0.952	0.990	-4.5	50.0
Perfluorooctane Sulfonamide (FOSA)	AveID	0.9740	0.9814		0.998	0.990	0.8	50.0
8:2FTS	AveID	0.9924	0.9368		0.895	0.949	-5.6	50.0
Perfluorodecanoic acid (PFDA)	AveID	0.9617	0.8921		0.918	0.990	-7.2	50.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.047	1.078		1.01	0.990	3.0	50.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6091	0.5912		0.926	0.954	-2.9	50.0
Perfluoroundecanoic acid (PFUnA)	L2ID		1.090		1.01	0.990	1.5	50.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9672	0.8869		0.889	0.990	-8.3	50.0
MeFOSA	AveID	0.9723	0.8964		0.913	0.990	-7.8	50.0
N-EtFOSA-M	AveID	0.996	0.9541		0.949	0.990	-4.2	50.0
Perfluorododecanoic acid (PFDoA)	AveID	0.9368	0.8895		0.940	0.990	-5.0	50.0
Perfluorotridecanoic Acid (PFTriA)	AveID	0.9233	0.9208		0.987	0.990	-0.3	50.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		1.937		0.884	0.990	-10.7	50.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		1.894		1.00	0.990	1.3	50.0
Perfluoro-n-octadecanoic acid (PFODA)	L2ID		1.072		1.04	0.990	4.7	50.0
13C4 PFBA	Ave	367871	380117		51.2	49.5	3.3	50.0
13C5-PFPeA	Ave	261969	269372		50.9	49.5	2.8	50.0
13C2 PFHxA	Ave	243438	252959		51.4	49.5	3.9	50.0
13C4-PFHpA	Ave	221858	240528		53.7	49.5	8.4	50.0
18O2 PFHxS	Ave	243129	249534		48.1	46.8	2.6	50.0
M2-6:2FTS	Ave	96964	195302		94.7	47.0	101.4*	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Lab Sample ID: CCVL 320-169024/1 Calibration Date: 06/13/2017 08:49

Instrument ID: A8_N Calib Start Date: 06/11/2017 14:55

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/11/2017 15:49

Lab File ID: 2017.06.13A_004.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	222743	258536		57.5	49.5	16.1	50.0
13C4 PFOS	Ave	167614	163865		46.3	47.3	-2.2	50.0
13C5 PFNA	Ave	182793	188868		51.2	49.5	3.3	50.0
13C8 FOSA	Ave	263605	261792		49.2	49.5	-0.7	50.0
M2-8:2FTS	Ave	69540	65576		44.7	47.4	-5.7	50.0
13C2 PFDA	Ave	155204	160260		51.1	49.5	3.3	50.0
d3-NMeFOSAA	Ave	83744	77666		45.9	49.5	-7.3	50.0
13C2 PFUnA	Ave	111528	121706		54.0	49.5	9.1	50.0
d5-NEtFOSAA	Ave	80770	83439		51.1	49.5	3.3	50.0
d-N-MeFOSA-M	Ave	82861	76668		45.8	49.5	-7.5	50.0
d-N-EtFOSA-M	Ave	81546	73733		44.8	49.5	-9.6	50.0
13C2 PFDoA	Ave	114696	117859		50.9	49.5	2.8	50.0
13C2-PFTeDA	Ave	219712	228798		51.6	49.5	4.1	50.0
13C2-PFHxDA	Ave	134639	152049		55.9	49.5	12.9	50.0

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170613-44211.b\2017.06.13A_004.d
Lims ID: CCVL
Client ID:
Sample Type: CCVL
Inject. Date: 13-Jun-2017 08:49:22 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\20170613-44211.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 13-Jun-2017 15:13:13 Calib Date: 11-Jun-2017 15:42:06
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_009.d

Column 1 : Det: EXP1
Process Host: XAWRK015

First Level Reviewer: chandrasenas Date: 13-Jun-2017 10:15:13

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
5 Perfluorobutyric acid										
212.90 > 169.00	1.866	1.858	0.008	1.000	331141	0.9623		97.2	192	
D 1 13C4 PFBA										
217.00 > 172.00	1.858	1.858	0.0		18817692	51.2		103	353743	
7 Perfluoropentanoic acid										
262.90 > 219.00	2.212	2.201	0.011	1.000	280356	1.00		101	154	
D 6 13C5-PFPeA										
267.90 > 223.00	2.202	2.201	0.001		13335242	50.9		103	396647	
9 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.243	2.241	0.002	1.000	358293	0.8291		94.7	81.2	
298.90 > 99.00	2.243	2.241	0.002	1.000	145055		2.47(0.00-0.00)		80.3	
D 8 13C3-PFBS										
301.90 > 83.00	2.243	2.241	0.002		295334	NC			4906	
11 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.526	2.524	0.002	1.000	74504	0.4268		46.1	3165	
13 Perfluorohexanoic acid										
313.00 > 269.00	2.575	2.565	0.010	1.000	256886	1.01		102	599	
D 12 13C2 PFHxA										
315.00 > 270.00	2.575	2.565	0.010		12522728	51.4		104	53894	
D 14 13C4-PFHpA										
367.00 > 322.00	2.966	2.966	0.0		11907349	53.7		108	54171	
15 Perfluoroheptanoic acid										
363.00 > 319.00	2.966	2.966	0.0	1.000	242906	0.9568		96.6	135	
D 16 18O2 PFHxS										
403.00 > 84.00	2.973	2.973	0.0		11686111	48.1		103	53675	
17 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.973	2.973	0.0	1.000	257503	0.9304		103	106	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 18 M2-6:2FTS										
429.00 > 409.00	3.354	3.354	0.0		9184980	94.7		201	45935	
19 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.354	3.354	0.0	1.000	190570	0.9668		103	3050	
* 22 13C2-PFOA										
415.00 > 370.00	3.354	3.354	0.0		13742243	49.5		100	62995	
D 20 13C4 PFOA										
417.00 > 372.00	3.362	3.362	0.0		12798792	57.5		116	45498	
21 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.362	3.362	0.0	1.000	188969	0.9453		100	2512	
23 Perfluorooctanoic acid										
413.00 > 369.00	3.362	3.362	0.0	1.000	284580	1.03		104	107	
413.00 > 169.00	3.362	3.362	0.0	1.000	155099		1.83(0.90-1.10)		437	
D 24 13C4 PFOS										
503.00 > 80.00	3.738	3.730	0.008		7755180	46.3		97.8	20644	
25 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.738	3.738	0.0	1.000	155017	0.8730		95.0	507	
499.00 > 99.00	3.738	3.738	0.0	1.000	34060		4.55(0.90-1.10)		489	
D 26 13C5 PFNA										
468.00 > 423.00	3.747	3.747	0.0		9349901	51.2		103	37634	
27 Perfluorononanoic acid										
463.00 > 419.00	3.747	3.747	0.0	1.000	175919	0.9521		96.2	415	
D 28 13C8 FOSA										
506.00 > 78.00	4.040	4.048	-0.008		12960019	49.2		99.3	19101	
29 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.048	4.048	0.0	1.000	254376	1.00		101	3161	
D 31 13C2 PFDA										
515.00 > 470.00	4.099	4.098	0.001		7933687	51.1		103	18931	
D 30 M2-8:2FTS										
529.00 > 509.00	4.090	4.098	-0.008		3109971	44.7		94.3	12013	
32 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.090	4.098	-0.008	1.000	58266	0.8953		94.4	1236	
33 Perfluorodecanoic acid										
513.00 > 469.00	4.099	4.098	0.001	1.000	141554	0.9184		92.8	736	
D 34 d3-NMeFOSAA										
573.00 > 419.00	4.253	4.253	0.0		3844854	45.9		92.7	15227	
35 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.262	4.262	0.0	1.002	82857	1.01		102	179	
36 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.391	4.391	0.0	1.000	92470	0.9265		97.1	1358	
D 38 d5-NEtFOSAA										
589.00 > 419.00	4.409	4.410	-0.001		4130643	51.1		103	4913	
D 37 13C2 PFUnA										
565.00 > 520.00	4.409	4.410	-0.001		6025026	54.0		109	18408	
39 Perfluoroundecanoic acid										
563.00 > 519.00	4.409	4.410	-0.001	1.000	131358	1.01		102	590	
40 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.418	4.419	-0.001	1.002	73267	0.8889		89.8	764	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 41 d-N-MeFOSA-M										
515.00 > 169.00	4.503	4.504	-0.001		3795432	45.8		92.5	260	
42 MeFOSA										
512.00 > 169.00	4.503	4.514	-0.011	1.000	68045	0.9128		92.2	697	
D 45 d-N-EtFOSA-M										
531.00 > 169.00	4.666	4.674	-0.008		3650139	44.8		90.4	1824	
46 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.673	4.680	-0.007	1.000	69655	0.9486		95.8	832	
D 43 13C2 PFDoA										
615.00 > 570.00	4.694	4.694	0.0		5834627	50.9		103	10229	
44 Perfluorododecanoic acid										
613.00 > 569.00	4.694	4.694	0.0	1.000	103798	0.9401		95.0	142	
47 Perfluorotridecanoic acid										
663.00 > 619.00	4.952	4.946	0.006	1.000	107445	0.9874		99.7	340	
D 48 13C2-PFTeDA										
715.00 > 670.00	5.180	5.175	0.005		11326612	51.6		104	25789	
49 Perfluorotetradecanoic acid										
712.50 > 668.90	5.180	5.175	0.005	1.000	225985	0.8844		89.3	152	
713.00 > 169.00	5.180	5.175	0.005	1.000	35268		6.41(0.00-0.00)		664	
D 50 13C2-PFHxDA										
815.00 > 770.00	5.603	5.596	0.007		7527161	55.9		113	5442	
51 Perfluorohexadecanoic acid										
813.00 > 769.00	5.603	5.596	0.007	1.000	221011	1.00		101	40.3	
52 Perfluorooctadecanoic acid										
913.00 > 869.00	5.995	5.980	0.015	1.000	125150	1.04		105	21.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L2_00003 Amount Added: 1.00 Units: mL

Report Date: 13-Jun-2017 15:13:14 Chrom Revision: 2.2 12-Jun-2017 15:21:46

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170613-44211.b\2017.06.13A_004.d

Injection Date: 13-Jun-2017 08:49:22 Instrument ID: A8_N

Lims ID: CCVL

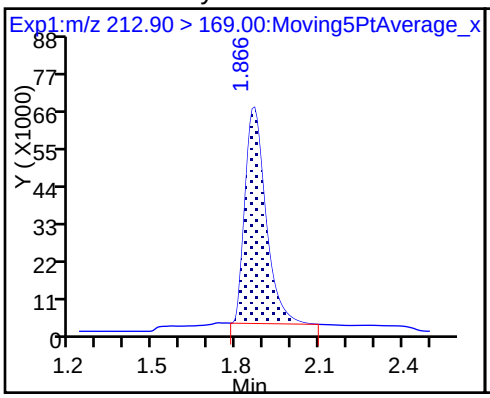
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 29 Worklist Smp#: 1

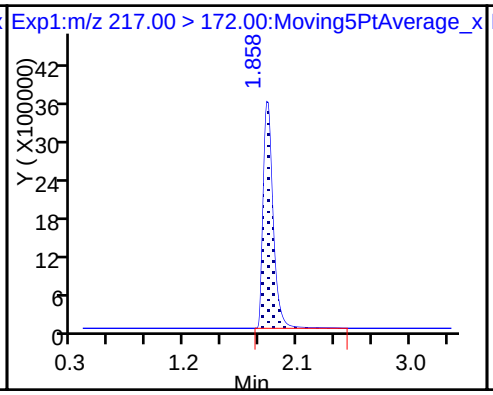
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

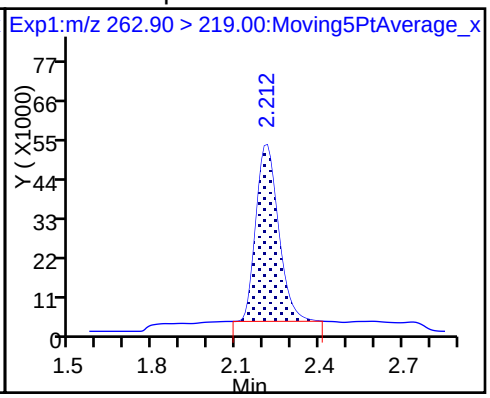
5 Perfluorobutyric acid



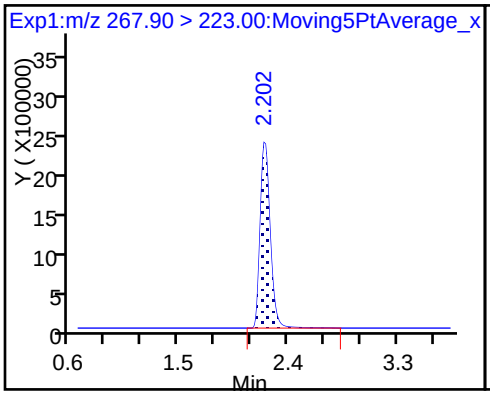
D 1 13C4 PFBA



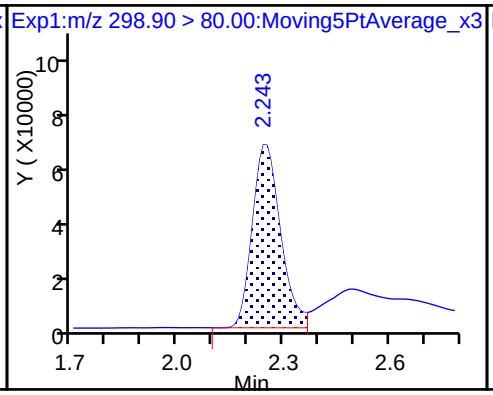
7 Perfluoropentanoic acid



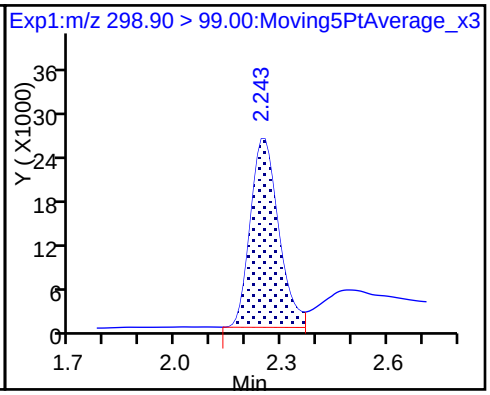
D 6 13C5-PFPeA



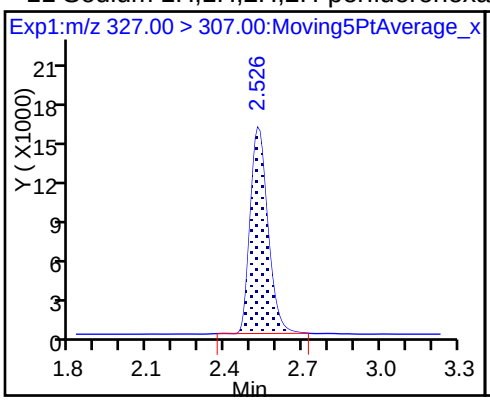
9 Perfluorobutanesulfonic acid



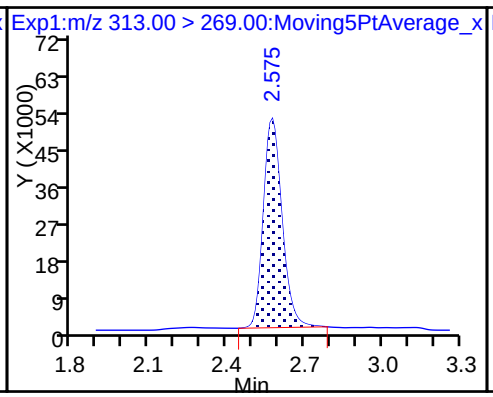
9 Perfluorobutanesulfonic acid



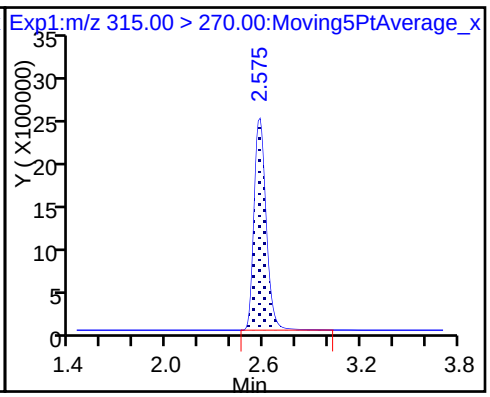
11 Sodium 1H,1H,2H,2H-perfluorohexan



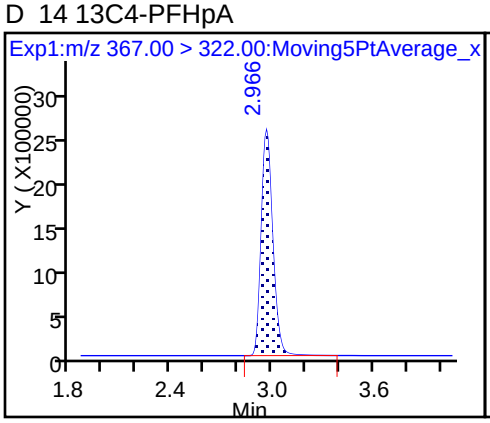
13 Perfluorohexanoic acid



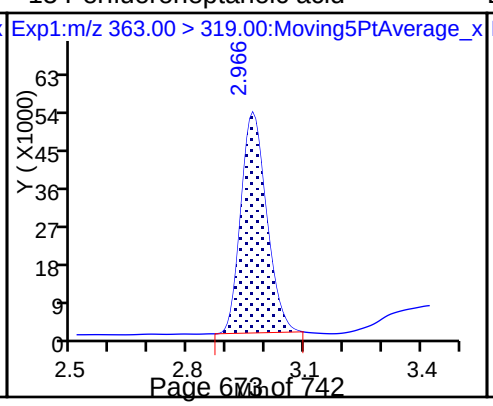
D 12 13C2 PFHxA



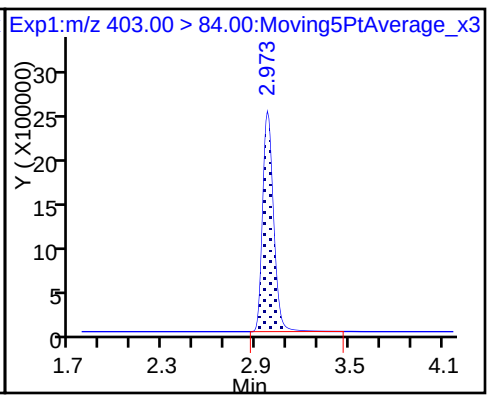
D 14 13C4-PFHpA



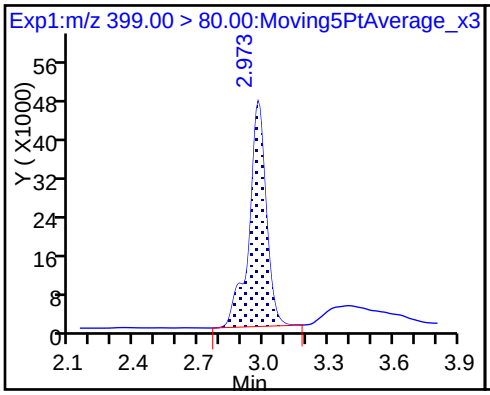
15 Perfluoroheptanoic acid



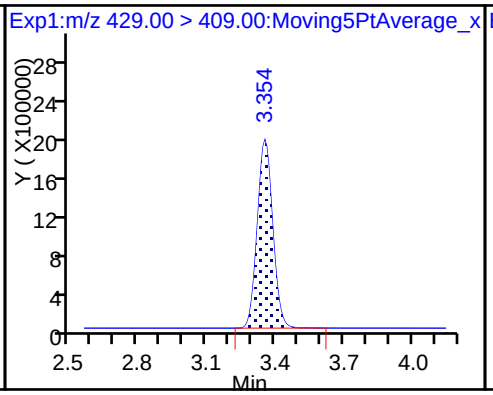
D 16 18O2 PFHxS



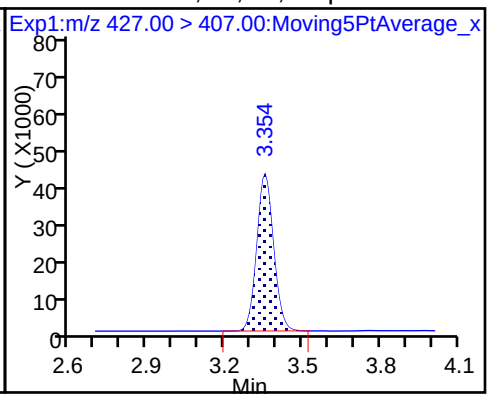
17 Perfluorohexanesulfonic acid



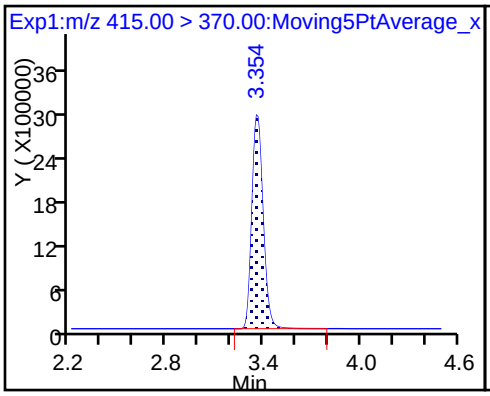
D 18 M2-6:2FTS



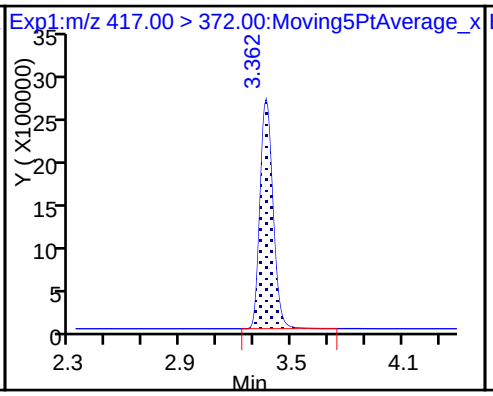
19 Sodium 1H,1H,2H,2H-perfluorooctane



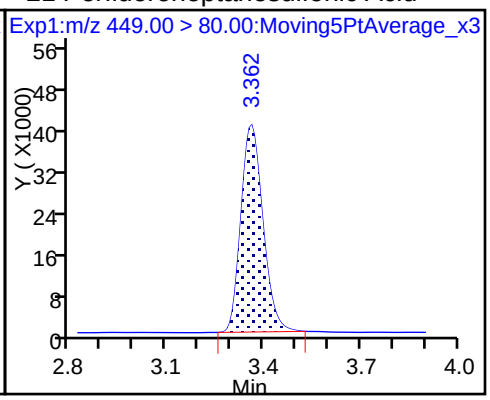
* 22 13C2-PFOA



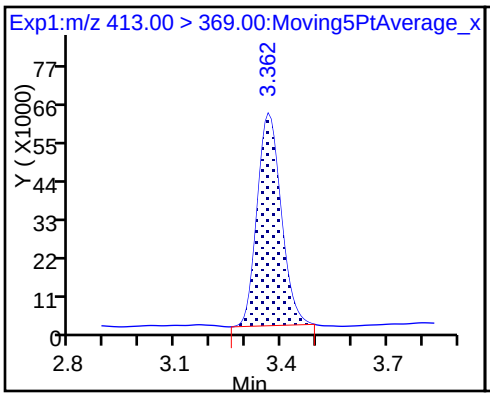
D 20 13C4 PFOA



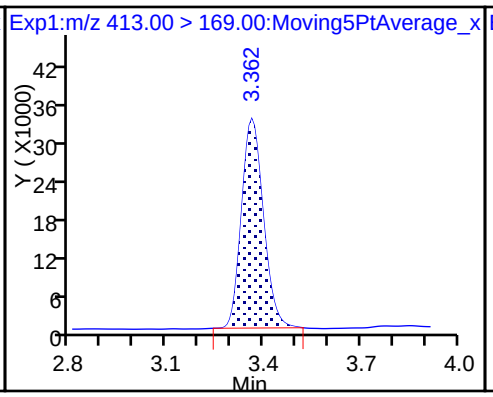
21 Perfluoroheptanesulfonic Acid



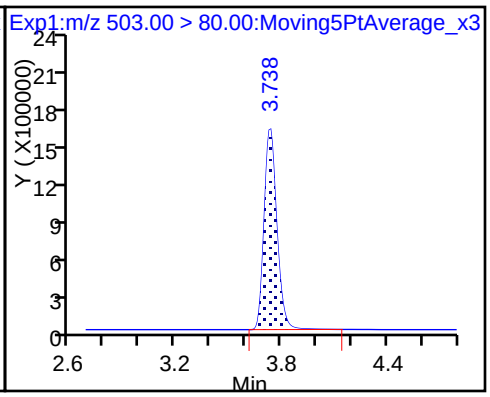
23 Perfluorooctanoic acid



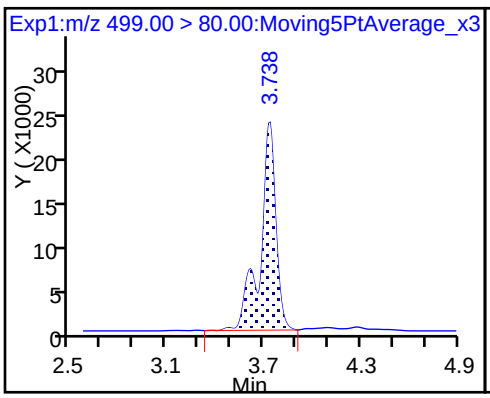
23 Perfluorooctanoic acid



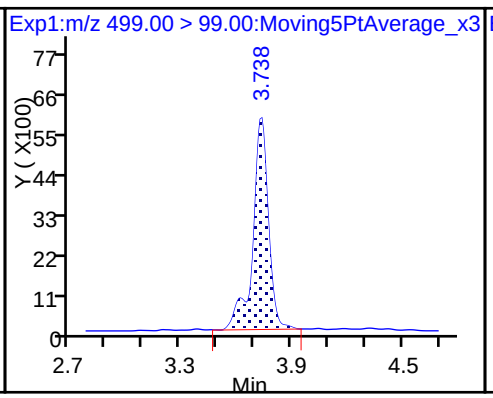
D 24 13C4 PFOS



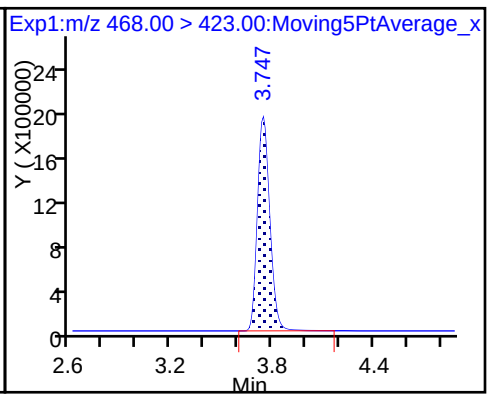
25 Perfluorooctane sulfonic acid



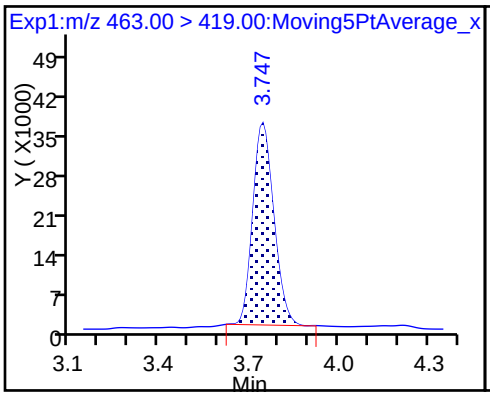
25 Perfluorooctane sulfonic acid



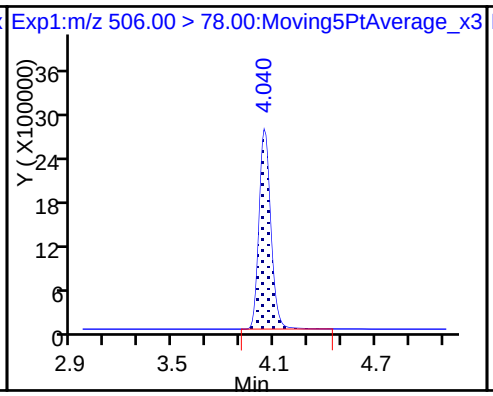
D 26 13C5 PFNA



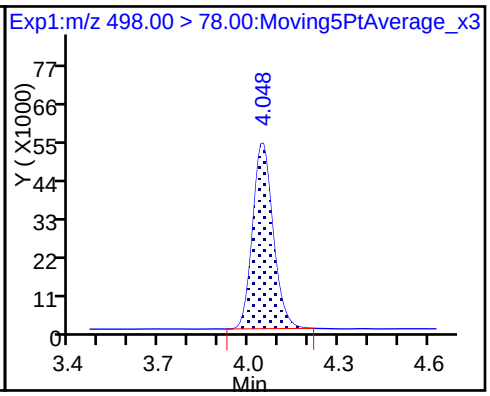
27 Perfluorononanoic acid



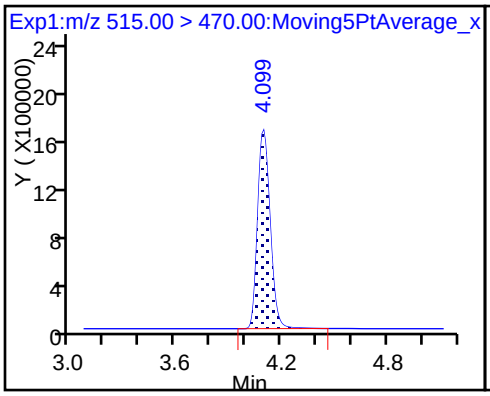
D 28 13C8 FOSA



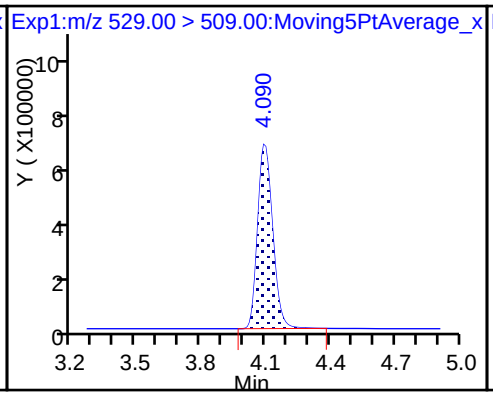
29 Perfluorooctane Sulfonamide



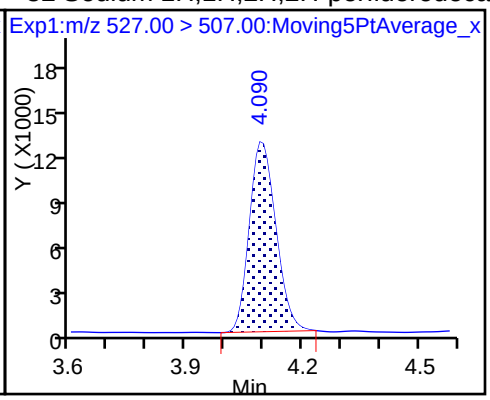
D 31 13C2 PFDA



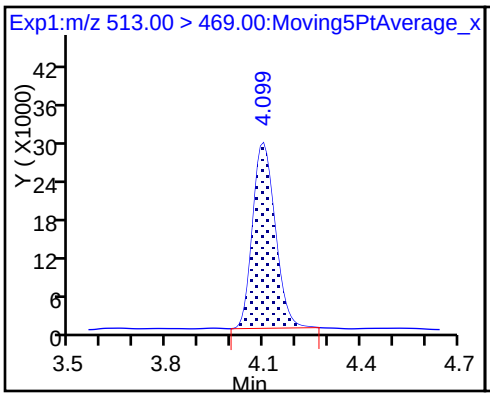
D 30 M2-8:2FTS



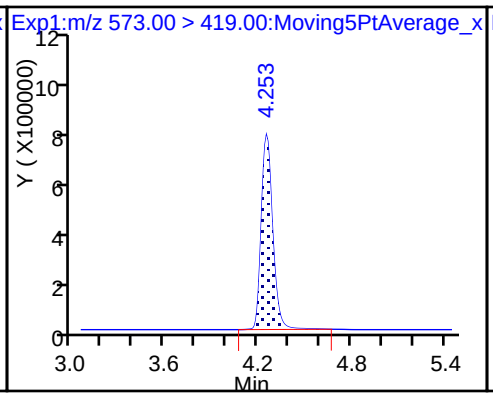
32 Sodium 1H,1H,2H,2H-perfluorodecane



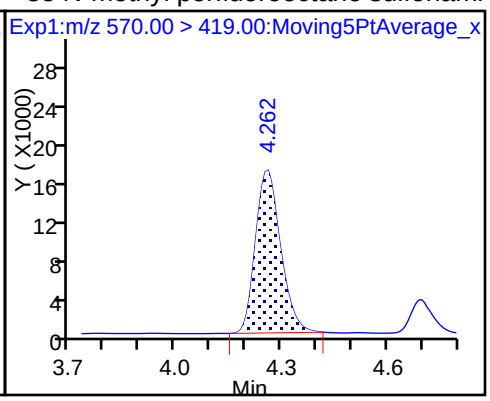
33 Perfluorodecanoic acid



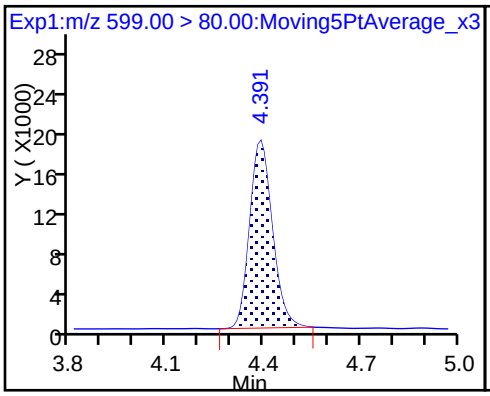
D 34 d3-NMeFOSAA



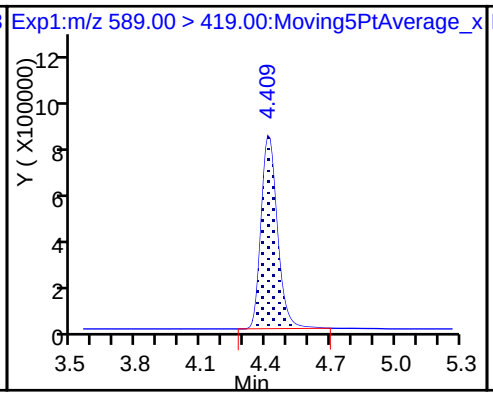
35 N-methyl perfluorooctane sulfonami



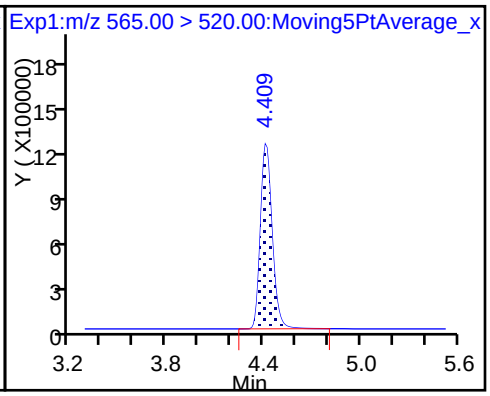
36 Perfluorodecane Sulfonic acid



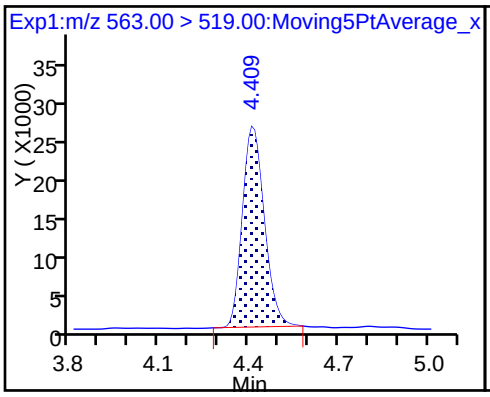
D 38 d5-NEtFOSAA



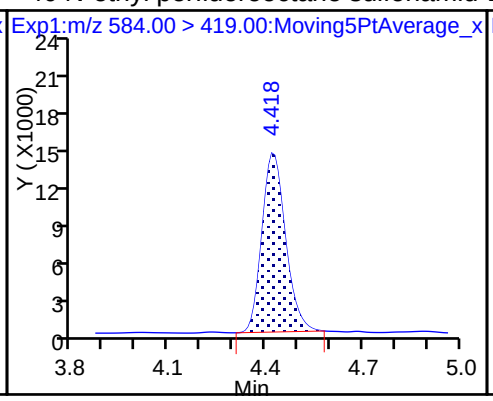
D 37 13C2 PFUnA



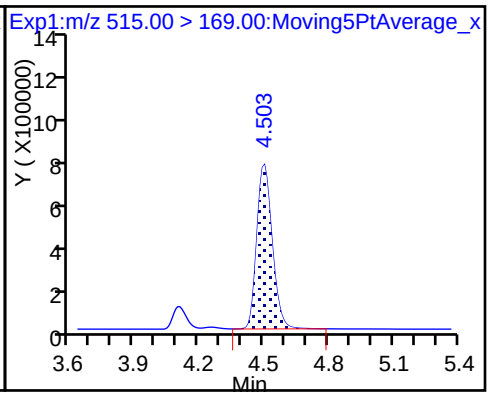
39 Perfluoroundecanoic acid



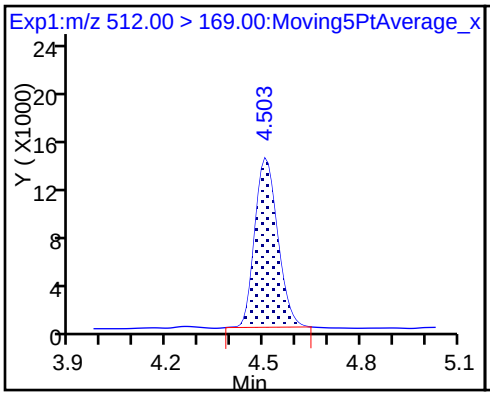
40 N-ethyl perfluorooctane sulfonamid



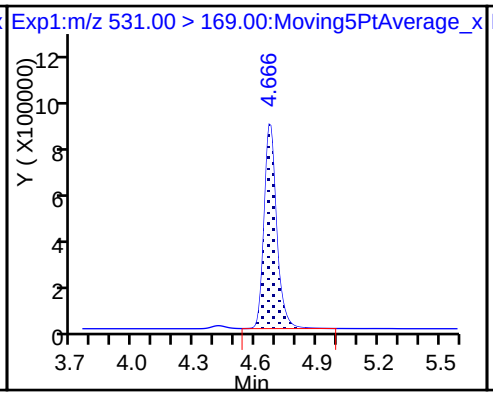
D 41 d-N-MeFOSA-M



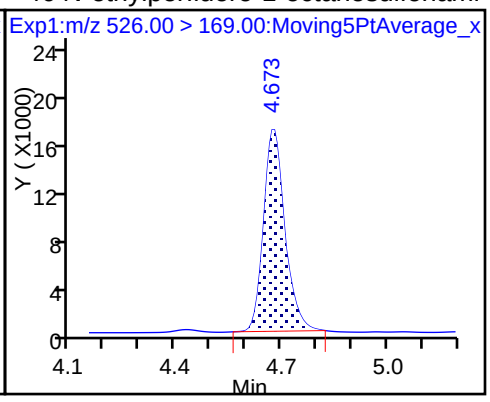
42 MeFOSA



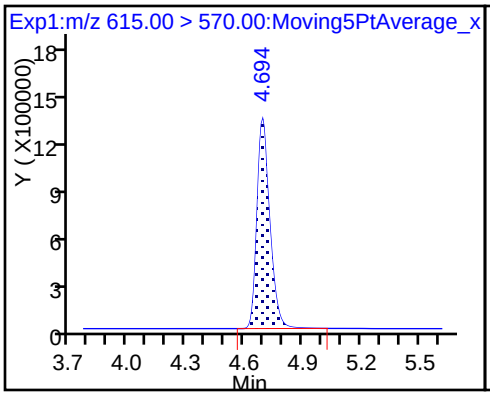
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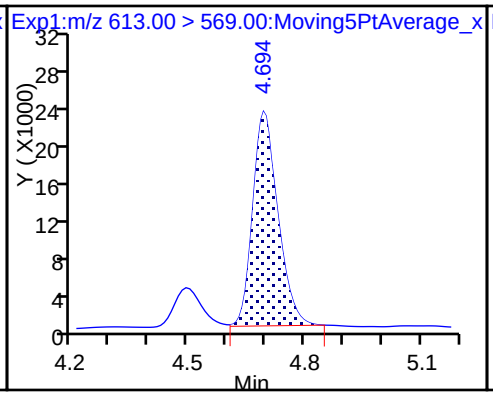
46 N-ethylperfluoro-1-octanesulfonami



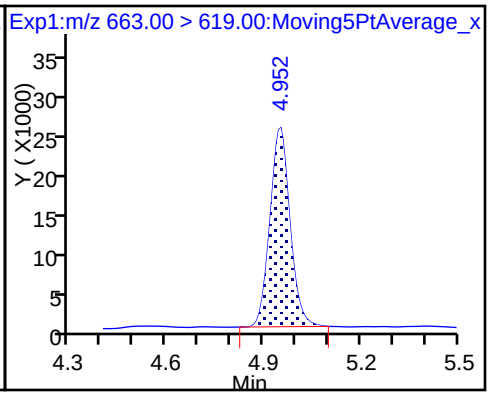
D 43 13C2 PFDoA



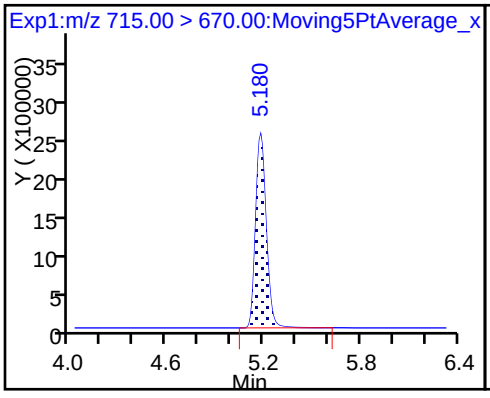
44 Perfluorododecanoic acid



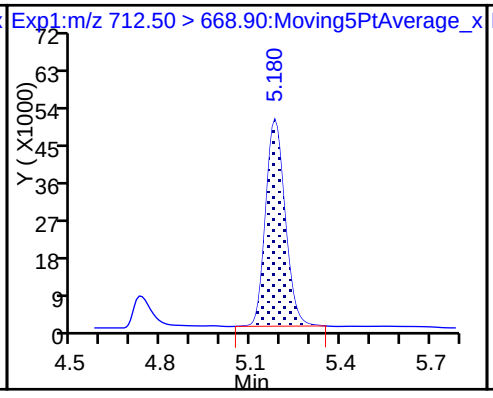
47 Perfluorotridecanoic acid



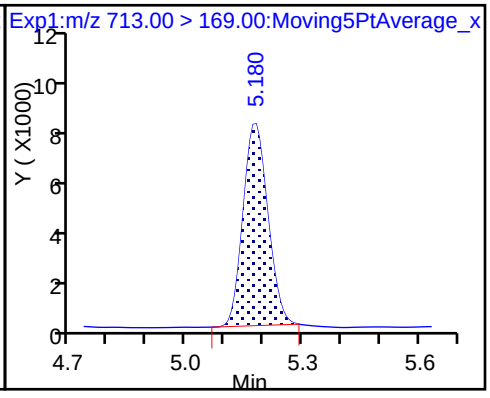
D 48 13C2-PFTeDA



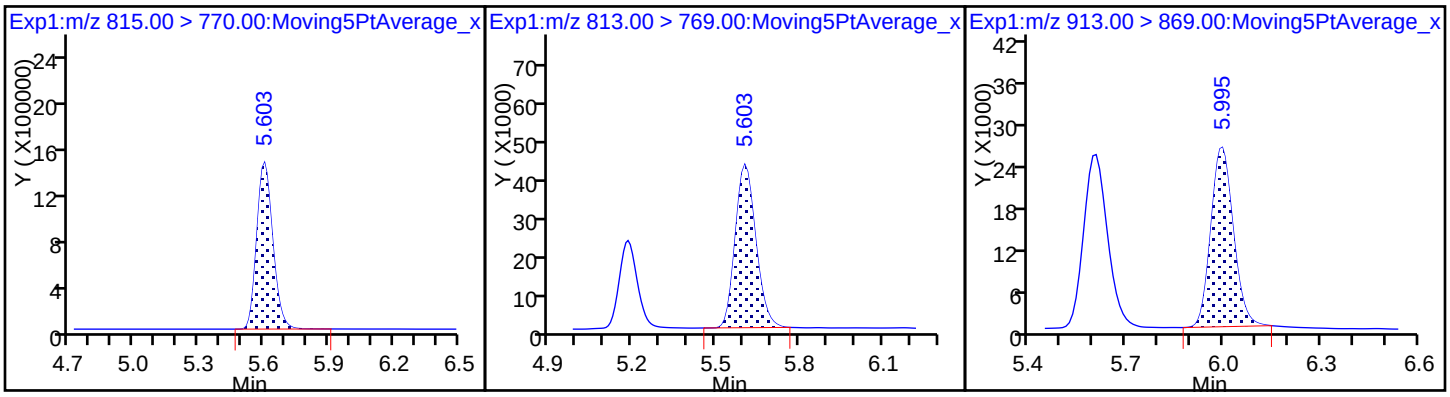
49 Perfluorotetradecanoic acid



49 Perfluorotetradecanoic acid



D 50 13C2-PFHxDA | 51 Perfluorohexadecanoic acid | 52 Perfluorooctadecanoic acid



FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Lab Sample ID: CCV 320-169055/1 Calibration Date: 06/13/2017 11:38

Instrument ID: A8_N Calib Start Date: 06/11/2017 14:55

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/11/2017 15:49

Lab File ID: 2017.06.13B_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	0.9053	0.9583		21.0	19.8	5.8	25.0
Perfluoropentanoic acid (PFPeA)	AveID	1.040	1.064		20.2	19.8	2.2	25.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.732	1.953		19.7	17.5	12.7	25.0
Perfluorohexanoic acid (PFHxA)	AveID	1.006	1.007		19.8	19.8	0.1	25.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.055	1.080		20.3	19.8	2.3	25.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.109	1.088		17.7	18.0	-1.9	25.0
6:2FTS	L2ID		1.080		20.1	18.8	7.0	25.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.220	1.324		20.5	18.9	8.5	25.0
Perfluorooctanoic acid (PFOA)	AveID	1.071	1.051		19.4	19.8	-1.9	25.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.076	1.055		17.9	18.4	-1.9	25.0
Perfluorononanoic acid (PFNA)	AveID	0.9849	0.9769		19.8	19.8	-0.8	25.0
Perfluorooctane Sulfonamide (FOSA)	AveID	0.9740	1.005		20.4	19.8	3.2	25.0
8:2FTS	AveID	0.9924	1.016		19.4	19.0	2.4	25.0
Perfluorodecanoic acid (PFDA)	AveID	0.9617	0.9507		19.6	19.8	-1.2	25.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.047	1.168		22.0	19.8	11.6	25.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6091	0.6357		19.9	19.1	4.4	25.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9672	1.011		20.3	19.8	4.6	25.0
Perfluoroundecanoic acid (PFUnA)	L2ID		0.998		18.4	19.8	-7.1	25.0
MeFOSA	AveID	0.9723	0.9795		19.9	19.8	0.7	25.0
Perfluorododecanoic acid (PFDoA)	AveID	0.9368	0.9503		20.1	19.8	1.4	25.0
N-EtFOSA-M	AveID	0.996	1.060		21.1	19.8	6.4	25.0
Perfluorotridecanoic Acid (PFTriA)	AveID	0.9233	0.9694		20.8	19.8	5.0	25.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.093		20.3	19.8	2.4	25.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		1.132		21.2	19.8	7.1	25.0
Perfluoro-n-octadecanoic acid (PFODA)	L2ID		1.217		23.5	19.8	18.9	25.0
13C4 PFBA	Ave	367871	398681		53.7	49.5	8.4	50.0
13C5-PFPeA	Ave	261969	285248		53.9	49.5	8.9	50.0
13C2 PFHxA	Ave	243438	260881		53.1	49.5	7.2	50.0
13C4-PFHpA	Ave	221858	242660		54.1	49.5	9.4	50.0
18O2 PFHxS	Ave	243129	254022		48.9	46.8	4.5	50.0
M2-6:2FTS	Ave	96964	101305		49.1	47.0	4.5	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Lab Sample ID: CCV 320-169055/1 Calibration Date: 06/13/2017 11:38

Instrument ID: A8_N Calib Start Date: 06/11/2017 14:55

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/11/2017 15:49

Lab File ID: 2017.06.13B_001.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	222743	255670		56.8	49.5	14.8	50.0
13C4 PFOS	Ave	167614	169890		48.0	47.3	1.4	50.0
13C5 PFNA	Ave	182793	194249		52.6	49.5	6.3	50.0
13C8 FOSA	Ave	263605	266501		50.0	49.5	1.1	50.0
M2-8:2FTS	Ave	69540	67022		45.7	47.4	-3.6	50.0
13C2 PFDA	Ave	155204	162770		51.9	49.5	4.9	50.0
d3-NMeFOSAA	Ave	83744	79742		47.1	49.5	-4.8	50.0
13C2 PFUnA	Ave	111528	115035		51.1	49.5	3.1	50.0
d5-NEtFOSAA	Ave	80770	81191		49.8	49.5	0.5	50.0
d-N-MeFOSA-M	Ave	82861	83311		49.8	49.5	0.5	50.0
13C2 PFDoA	Ave	114696	110517		47.7	49.5	-3.6	50.0
d-N-EtFOSA-M	Ave	81546	76527		46.5	49.5	-6.2	50.0
13C2-PFTeDA	Ave	219712	222037		50.0	49.5	1.1	50.0
13C2-PFHxDA	Ave	134639	135052		49.7	49.5	0.3	50.0

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170613-44222.b\2017.06.13B_001.d
Lims ID: CCV L4
Client ID:
Sample Type: CCV
Inject. Date: 13-Jun-2017 11:38:47 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\20170613-44222.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 13-Jun-2017 14:15:20 Calib Date: 11-Jun-2017 15:42:06
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_009.d

Column 1 : Det: EXP1
Process Host: XAWRK015

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
5 Perfluorobutyric acid										
212.90 > 169.00	1.850	1.850	0.0	1.000	7565148	21.0		106	4742	
D 1 13C4 PFBA										
217.00 > 172.00	1.850	1.850	0.0		19736693	53.7		108	180905	
7 Perfluoropentanoic acid										
262.90 > 219.00	2.190	2.190	0.0	1.000	6007854	20.2		102	3558	
D 6 13C5-PFPeA										
267.90 > 223.00	2.190	2.190	0.0		14121189	53.9		109	282940	
D 8 13C3-PFBS										
301.90 > 83.00	2.231	2.231	0.0		317650	NC			6460	
9 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.231	2.231	0.0	1.000	8682644	19.7		113	95921	
298.90 > 99.00	2.231	2.231	0.0	1.000	3529455		2.46(0.00-0.00)		62654	
11 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.508	2.508	0.0	1.000	1662471	18.4		99.3	43530	
13 Perfluorohexanoic acid										
313.00 > 269.00	2.548	2.548	0.0	1.000	5202535	19.8		100	9659	
D 12 13C2 PFHxA										
315.00 > 270.00	2.548	2.548	0.0		12914923	53.1		107	46870	
15 Perfluoroheptanoic acid										
363.00 > 319.00	2.937	2.937	0.0	1.000	5190014	20.3		102	2335	
D 14 13C4-PFHpA										
367.00 > 322.00	2.937	2.937	0.0		12012847	54.1		109	38943	
D 16 18O2 PFHxS										
403.00 > 84.00	2.944	2.944	0.0		11896279	48.9		104	30680	
17 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.944	2.944	0.0	1.000	4979076	17.7		98.1	1590	
19 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.308	3.308	0.0	1.000	2053082	20.1		107	11878	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 18 M2-6:2FTS										
429.00 > 409.00	3.315	3.315	0.0		4764343	49.1		104	14988	
* 22 13C2-PFOA										
415.00 > 370.00	3.323	3.323	0.0		13063029	49.5		100	43369	
23 Perfluorooctanoic acid										
413.00 > 369.00	3.331	3.331	0.0	1.000	5320705	19.4		98.1	1735	
413.00 > 169.00	3.331	3.331	0.0	1.000	2988529		1.78(0.90-1.10)		4925	
21 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.331	3.331	0.0	1.000	4240114	20.5		109	13459	
D 20 13C4 PFOA										
417.00 > 372.00	3.331	3.331	0.0		12656934	56.8		115	50637	
D 24 13C4 PFOS										
503.00 > 80.00	3.695	3.695	0.0		8040317	48.0		101	15526	
25 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.695	3.695	0.0	1.000	3292393	17.9		97.3	4867	
499.00 > 99.00	3.695	3.695	0.0	1.000	729114		4.52(0.90-1.10)		4909	
27 Perfluorononanoic acid										
463.00 > 419.00	3.712	3.712	0.0	1.000	3757804	19.8		99.9	9005	
D 26 13C5 PFNA										
468.00 > 423.00	3.712	3.712	0.0		9616298	52.6		106	32044	
29 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.029	4.029	0.0	1.000	5305662	20.4		103	13032	
D 28 13C8 FOSA										
506.00 > 78.00	4.029	4.029	0.0		13193141	50.0		101	14117	
32 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.054	4.054	0.0	1.000	1291807	19.4		102	7729	
D 30 M2-8:2FTS										
529.00 > 509.00	4.054	4.054	0.0		3178558	45.7		96.4	19668	
33 Perfluorodecanoic acid										
513.00 > 469.00	4.062	4.062	0.0	1.000	3064133	19.6		98.8	9359	
D 31 13C2 PFDA										
515.00 > 470.00	4.062	4.062	0.0		8057934	51.9		105	22200	
D 34 d3-NMeFOSAA										
573.00 > 419.00	4.214	4.214	0.0		3947603	47.1		95.2	7472	
35 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.214	4.214	0.0	1.000	1843632	22.0		111	2253	
36 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.350	4.350	0.0	1.000	2061656	19.9		104	8386	
39 Perfluoroundecanoic acid										
563.00 > 519.00	4.377	4.377	0.0	1.000	2272879	18.4		92.9	5149	
D 38 d5-NEtFOSAA										
589.00 > 419.00	4.377	4.377	0.0		4019360	49.8		101	5189	
D 37 13C2 PFUnA										
565.00 > 520.00	4.377	4.377	0.0		5694790	51.1		103	10519	
40 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.377	4.377	0.0	1.000	1626157	20.3		102	3286	
D 41 d-N-MeFOSA-M										
515.00 > 169.00	4.488	4.488	0.0		4124310	49.8		101	1038	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
42 MeFOSA										
512.00 > 169.00	4.498	4.498	0.0	1.000	1615956	19.9		101	1882	
D 43 13C2 PFDoA										
615.00 > 570.00	4.648	4.648	0.0		5471139	47.7		96.4	7618	
44 Perfluorododecanoic acid										
613.00 > 569.00	4.655	4.655	0.0	1.000	2079766	20.1		101	2060	
D 45 d-N-EtFOSA-M										
531.00 > 169.00	4.662	4.662	0.0		3788484	46.5		93.8	1866	
46 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.668	4.668	0.0	1.000	1606008	21.1		106	1570	
47 Perfluorotridecanoic acid										
663.00 > 619.00	4.906	4.906	0.0	1.000	2121414	20.8		105	3605	
49 Perfluorotetradecanoic acid										
712.50 > 668.90	5.127	5.127	0.0	1.000	4581199	20.3		102	4888	
713.00 > 169.00	5.127	5.127	0.0	1.000	643388		7.12(0.00-0.00)		3353	
D 48 13C2-PFTeDA										
715.00 > 670.00	5.127	5.127	0.0		10991952	50.0		101	13608	
D 50 13C2-PFHxDA										
815.00 > 770.00	5.540	5.540	0.0		6685760	49.7		100	3714	
51 Perfluorohexadecanoic acid										
813.00 > 769.00	5.551	5.551	0.0	1.000	2477108	21.2		107	357	
52 Perfluorooctadecanoic acid										
913.00 > 869.00	5.896	5.896	0.0	1.000	2664361	23.5		119	435	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L4_00003 Amount Added: 1.00 Units: mL

Report Date: 13-Jun-2017 14:15:21 Chrom Revision: 2.2 12-Jun-2017 15:21:46

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170613-44222.b\2017.06.13B_001.d

Injection Date: 13-Jun-2017 11:38:47 Instrument ID: A8_N

Lims ID: CCV L4

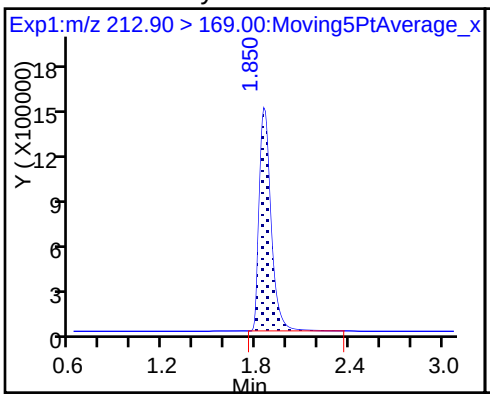
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 31 Worklist Smp#: 1

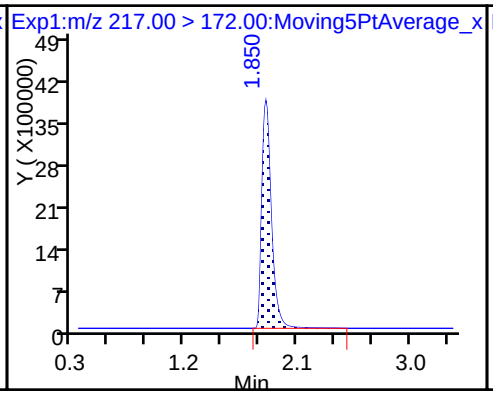
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

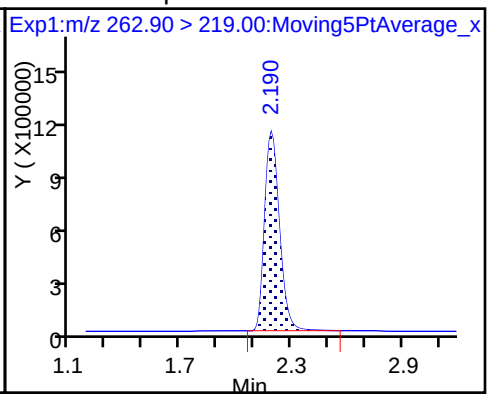
5 Perfluorobutyric acid



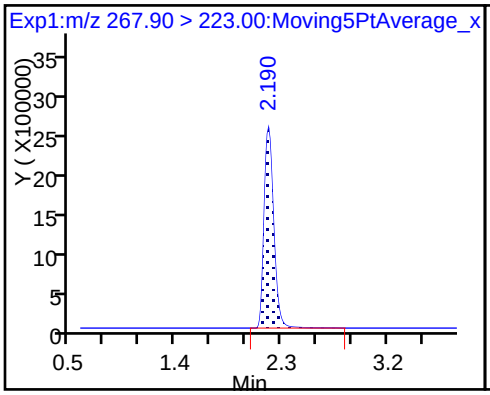
D 1 13C4 PFBA



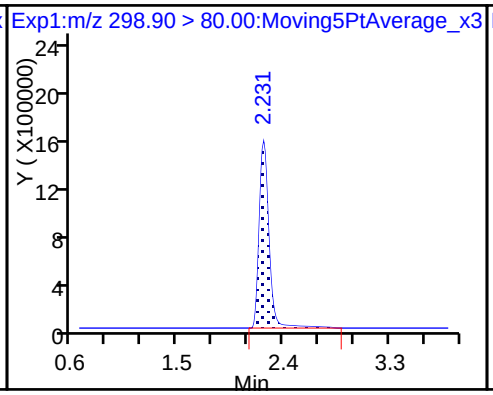
7 Perfluoropentanoic acid



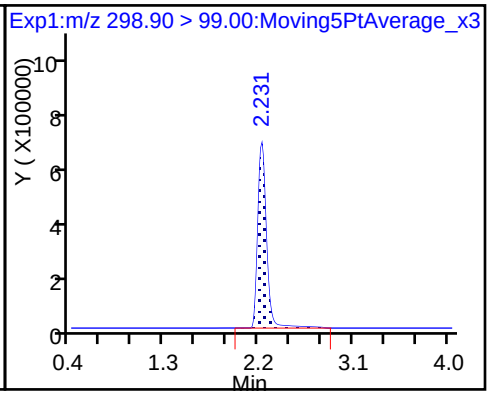
D 6 13C5-PFPeA



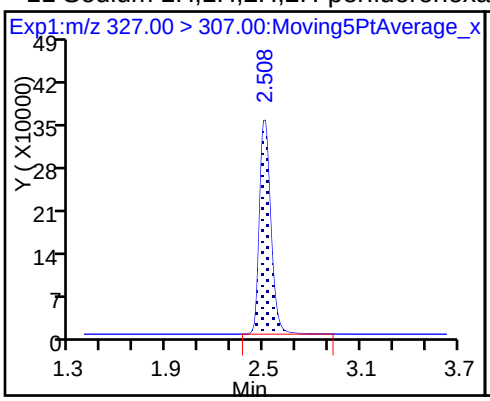
9 Perfluorobutanesulfonic acid



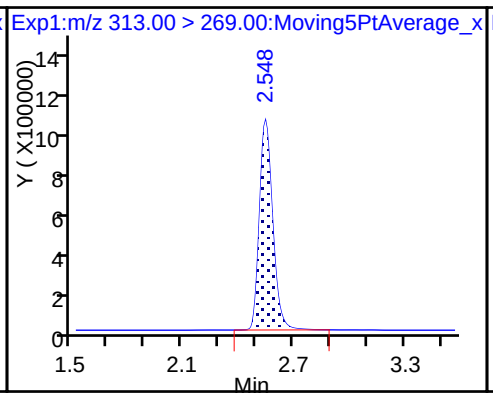
9 Perfluorobutanesulfonic acid



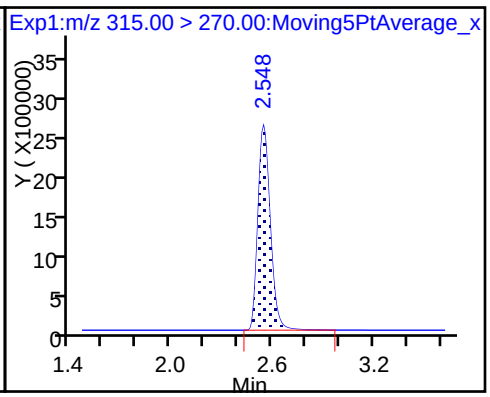
11 Sodium 1H,1H,2H,2H-perfluorohexane



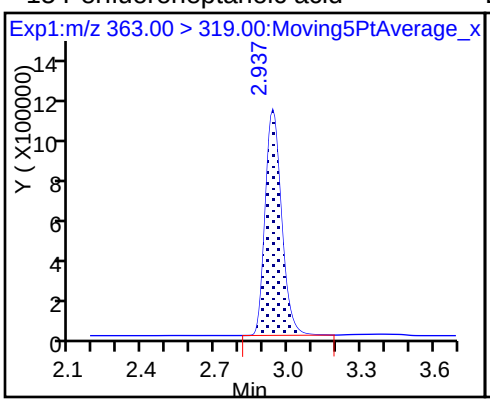
13 Perfluorohexanoic acid



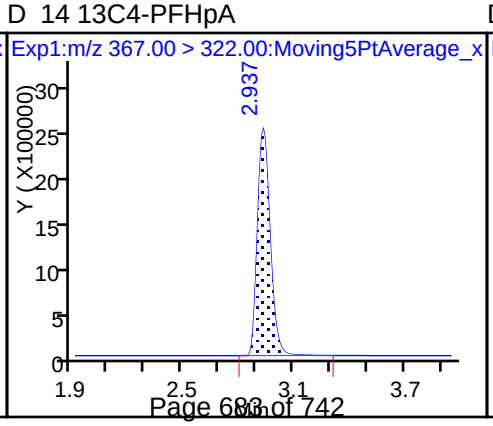
D 12 13C2 PFHxA



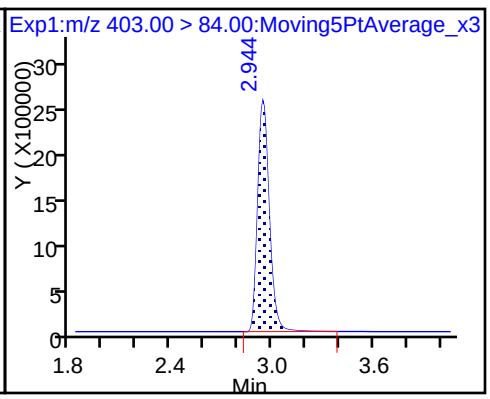
15 Perfluoroheptanoic acid



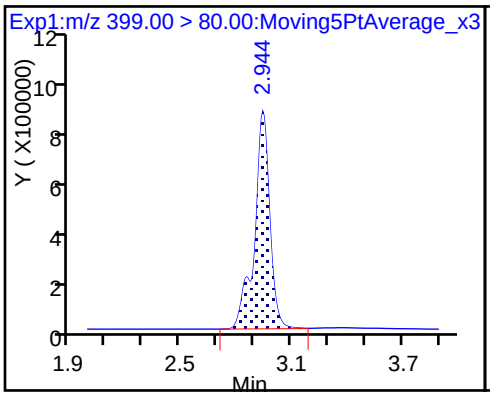
D 14 13C4-PFHpA



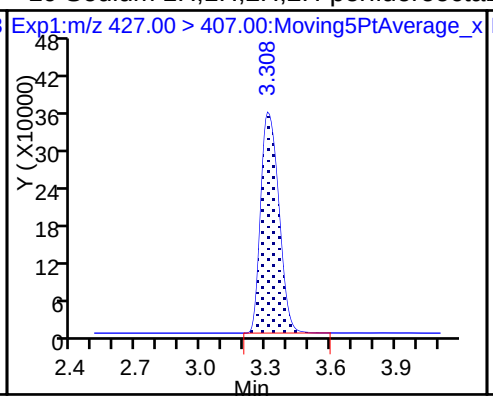
D 16 18O2 PFHxS



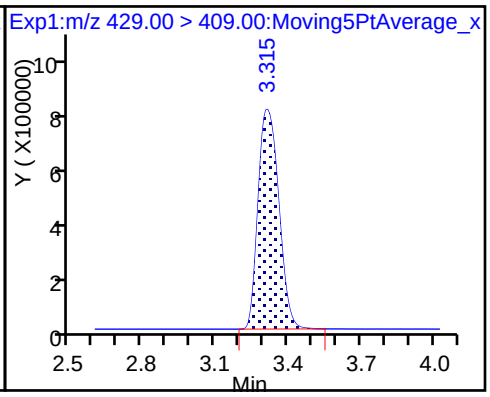
17 Perfluorohexanesulfonic acid



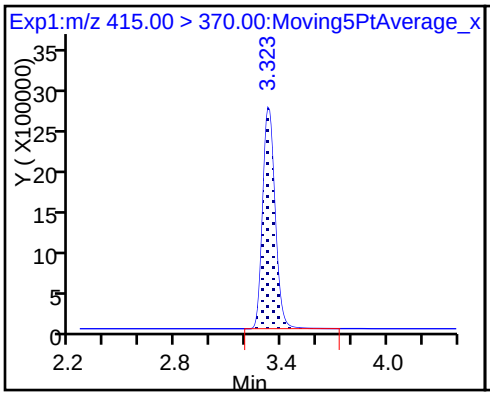
19 Sodium 1H,1H,2H,2H-perfluorooctane



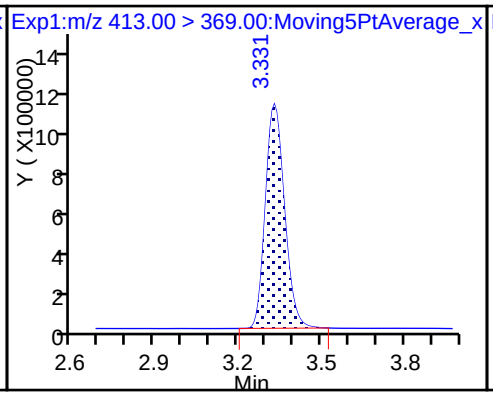
D 18 M2-6:2FTS



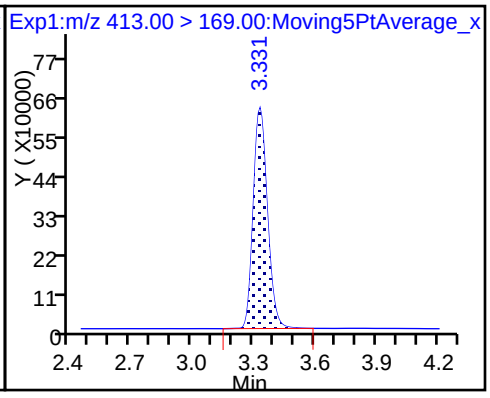
* 22 13C2-PFOA



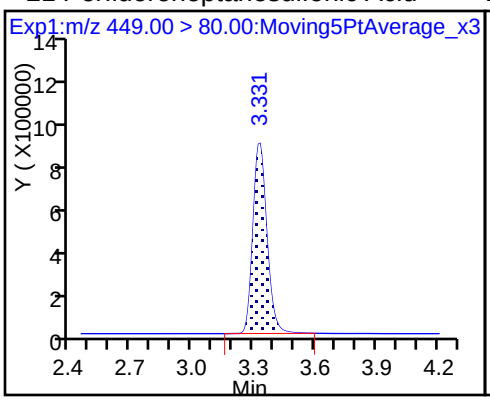
23 Perfluorooctanoic acid



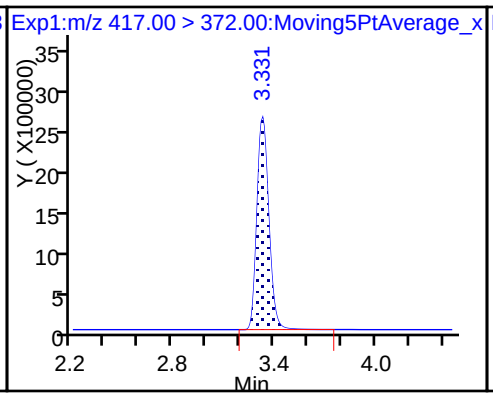
23 Perfluorooctanoic acid



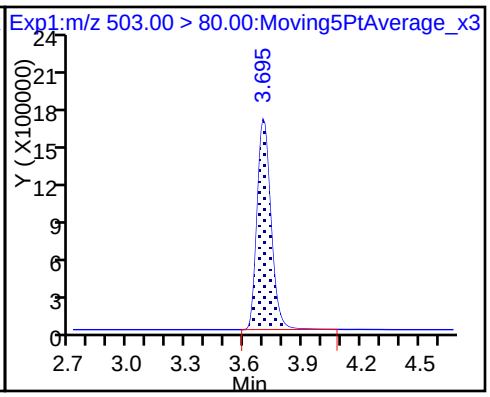
21 Perfluoroheptanesulfonic Acid



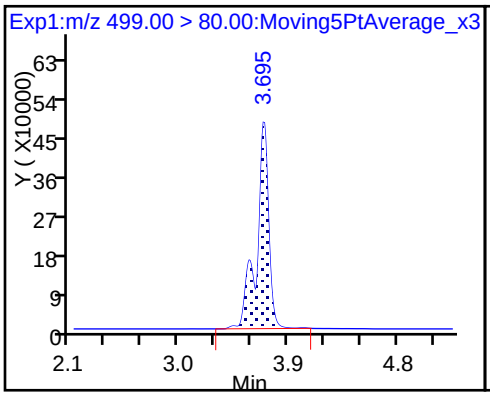
D 20 13C4 PFOA



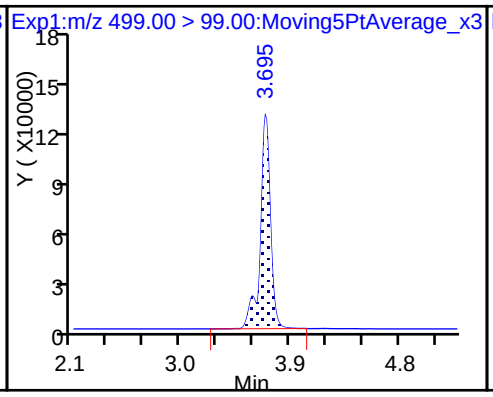
D 24 13C4 PFOS



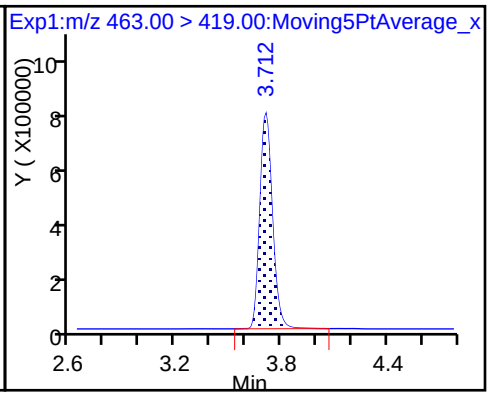
25 Perfluorooctane sulfonic acid



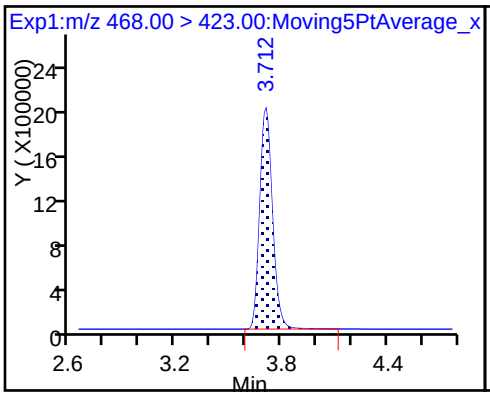
25 Perfluorooctane sulfonic acid



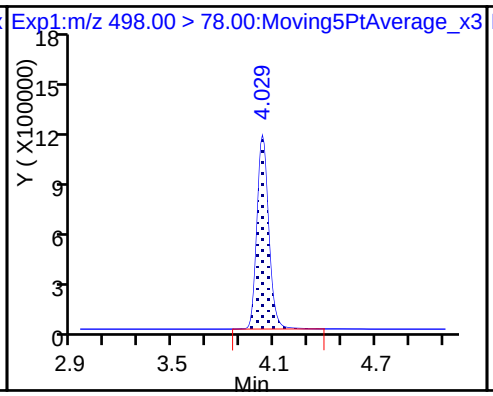
27 Perfluorononanoic acid



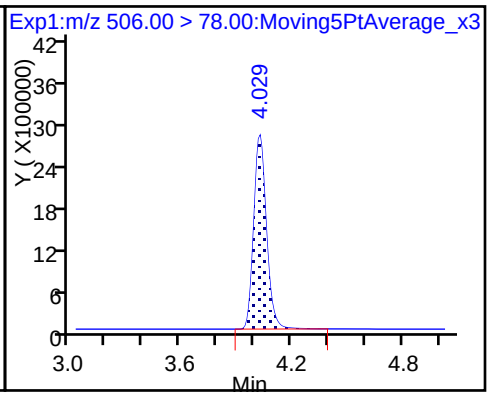
D 26 13C5 PFNA



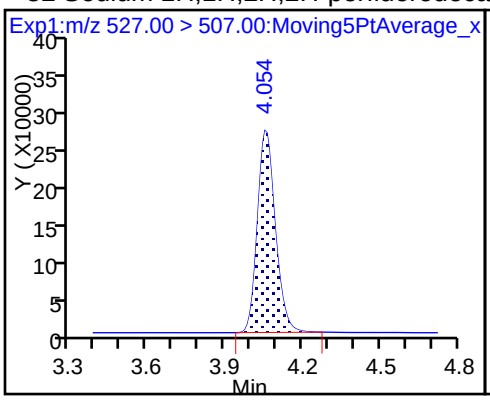
29 Perfluorooctane Sulfonamide



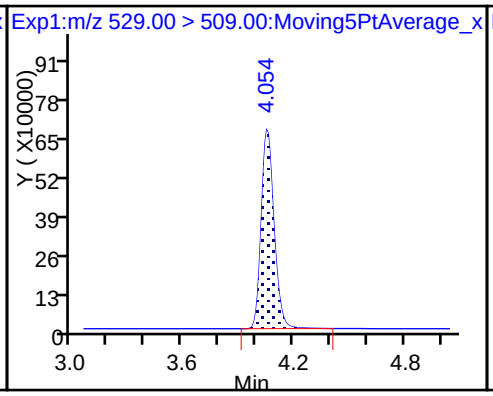
D 28 13C8 FOSA



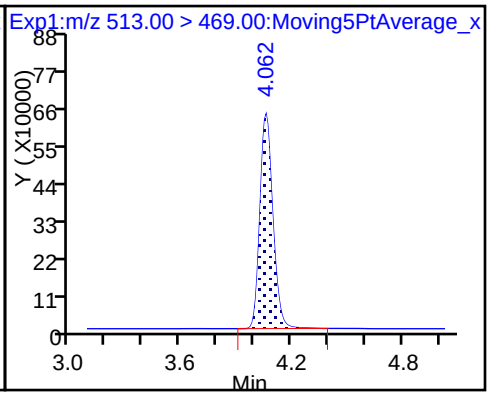
32 Sodium 1H,1H,2H,2H-perfluorodecane



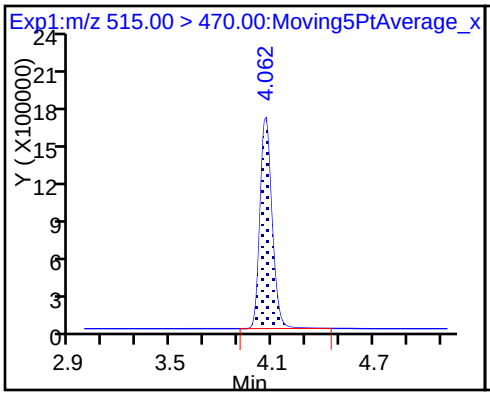
D 30 M2-8:2FTS



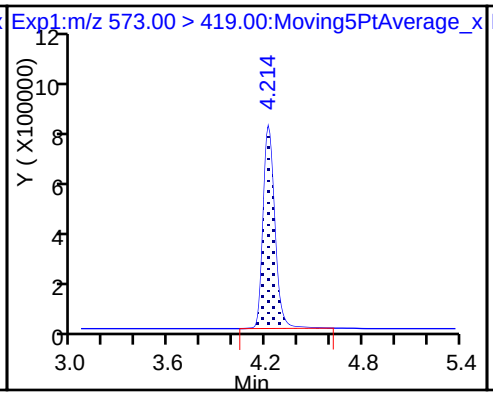
33 Perfluorodecanoic acid



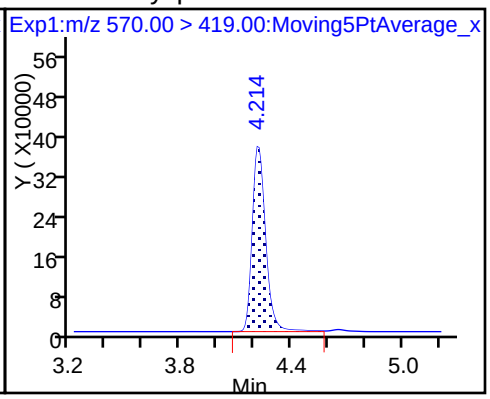
D 31 13C2 PFDA



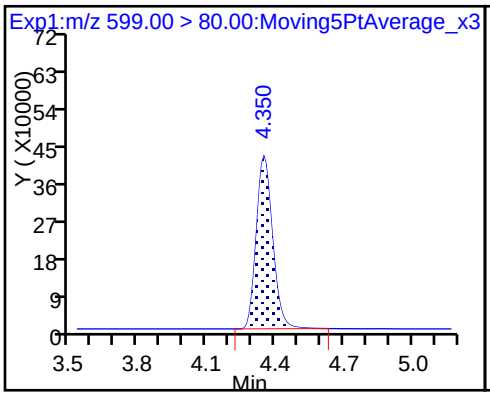
D 34 d3-NMeFOSAA



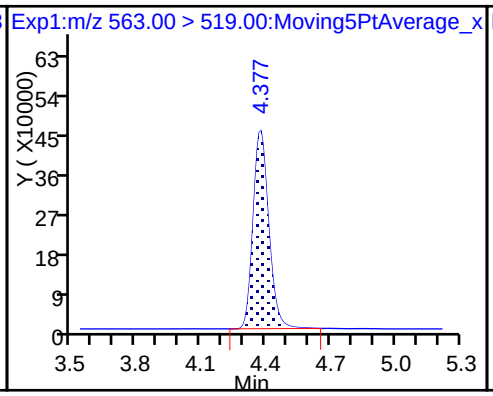
35 N-methyl perfluorooctane sulfonami



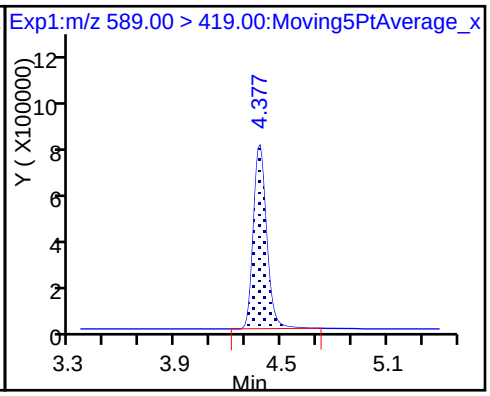
36 Perfluorodecane Sulfonic acid



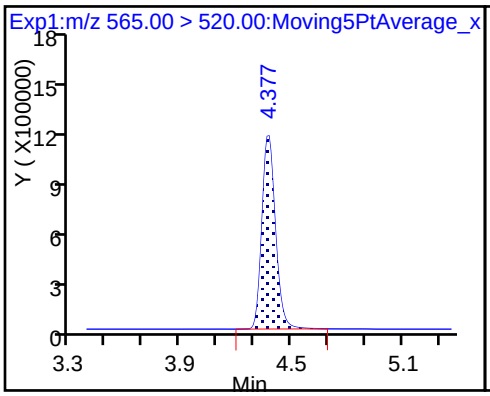
39 Perfluoroundecanoic acid



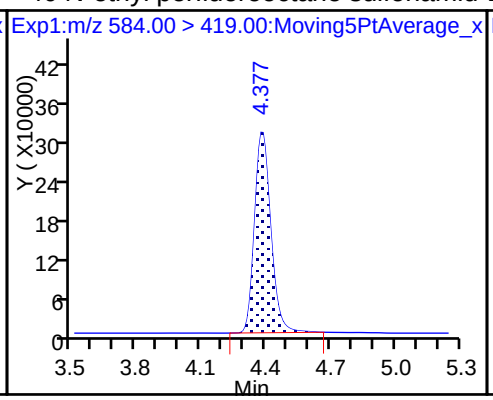
D 38 d5-NEtFOSAA



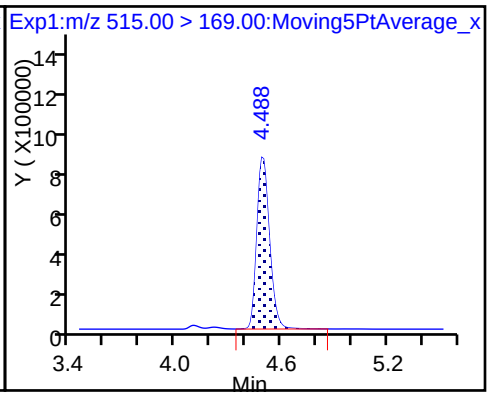
D 37 13C2 PFUnA



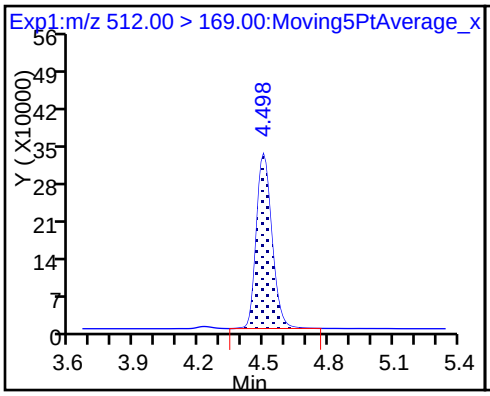
40 N-ethyl perfluorooctane sulfonamid



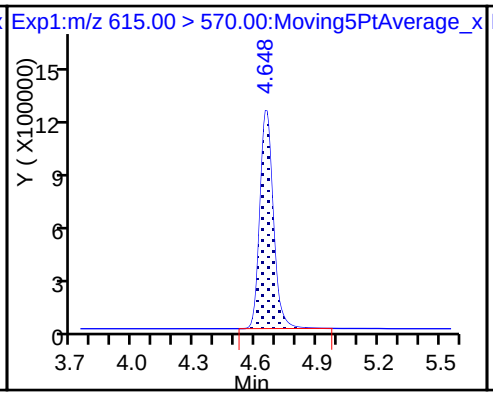
D 41 d-N-MeFOSA-M



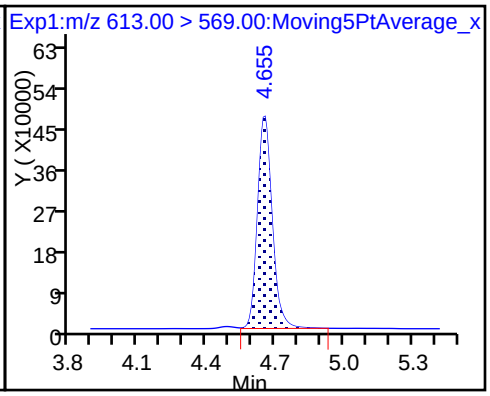
42 MeFOSA



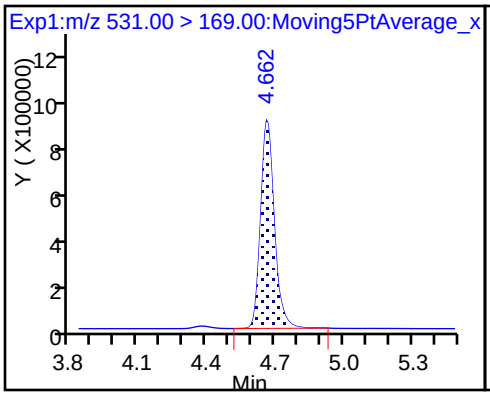
D 43 13C2 PFDoA



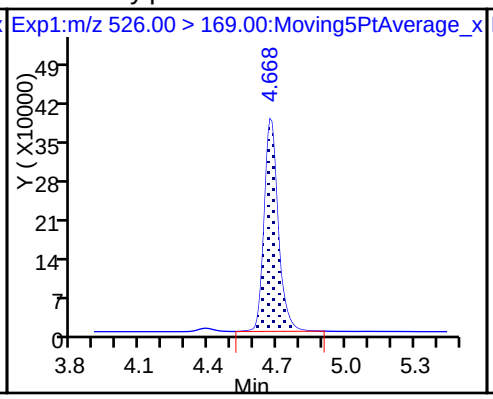
44 Perfluorododecanoic acid



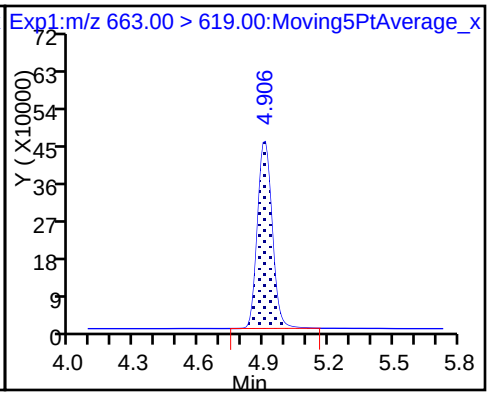
D 45 d-N-EtFOSA-M



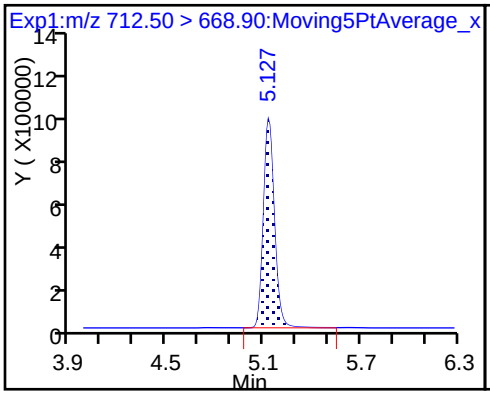
46 N-ethylperfluoro-1-octanesulfonami



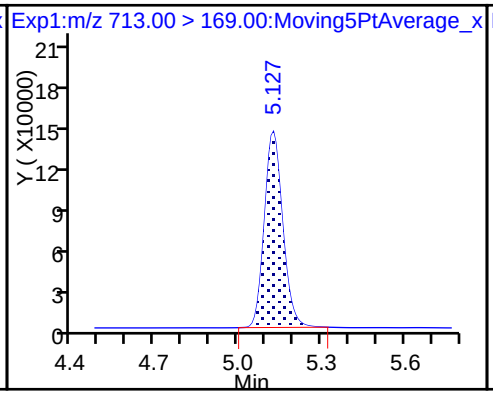
47 Perfluorotridecanoic acid



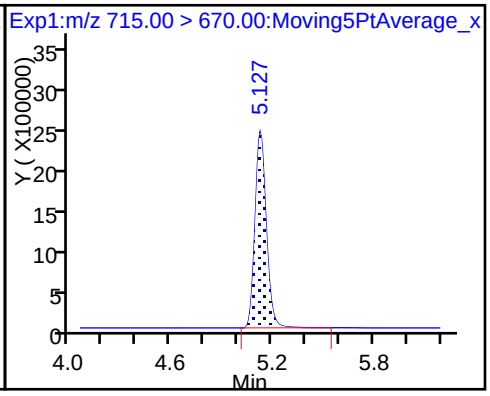
49 Perfluorotetradecanoic acid



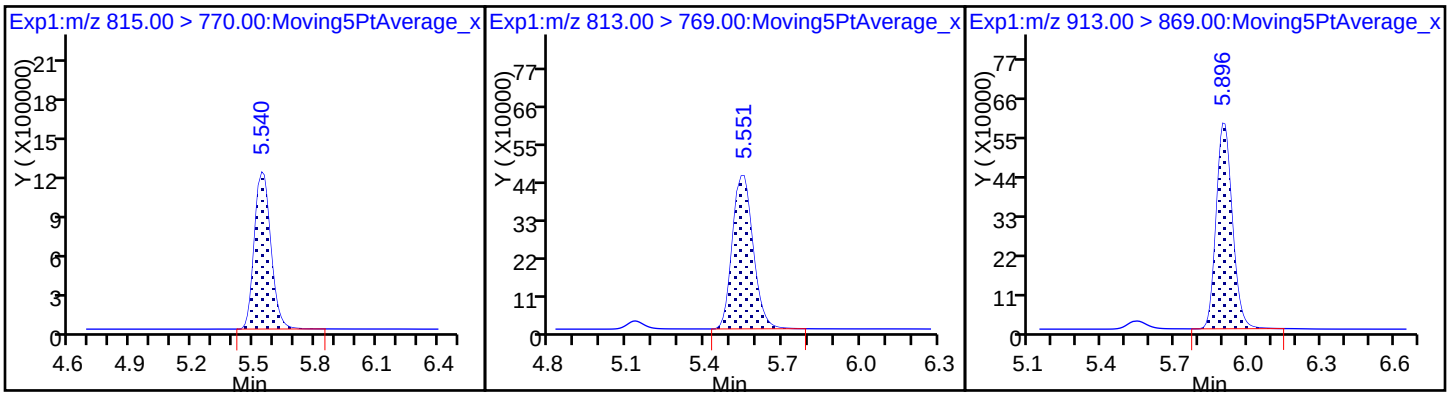
49 Perfluorotetradecanoic acid



D 48 13C2-PFTeDA



D 50 13C2-PFHxDA | 51 Perfluorohexadecanoic acid | 52 Perfluorooctadecanoic acid



FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Lab Sample ID: CCV 320-169055/11 Calibration Date: 06/13/2017 12:55

Instrument ID: A8_N Calib Start Date: 06/11/2017 14:55

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/11/2017 15:49

Lab File ID: 2017.06.13B_011.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	0.9053	0.9703		53.1	49.5	7.2	25.0
Perfluoropentanoic acid (PFPeA)	AveID	1.040	1.063		50.6	49.5	2.2	25.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.732	2.036		51.5	43.8	17.6	25.0
Perfluorohexanoic acid (PFHxA)	AveID	1.006	1.034		50.9	49.5	2.8	25.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.055	1.122		52.6	49.5	6.3	25.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.109	1.074		43.6	45.0	-3.2	25.0
6:2FTS	L2ID		1.002		46.6	46.9	-0.7	25.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.220	1.289		49.8	47.1	5.7	25.0
Perfluorooctanoic acid (PFOA)	AveID	1.071	1.073		49.6	49.5	0.1	25.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.076	1.067		45.3	45.9	-0.8	25.0
Perfluorononanoic acid (PFNA)	AveID	0.9849	1.008		51.0	49.5	2.4	25.0
Perfluorooctane Sulfonamide (FOSA)	AveID	0.9740	1.017		51.7	49.5	4.5	25.0
8:2FTS	AveID	0.9924	1.034		49.4	47.4	4.2	25.0
Perfluorodecanoic acid (PFDA)	AveID	0.9617	0.9869		50.8	49.5	2.6	25.0
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	AveID	1.047	1.095		51.5	49.5	4.6	25.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.6091	0.6031		47.3	47.7	-1.0	25.0
Perfluoroundecanoic acid (PFUnA)	L2ID		1.004		46.3	49.5	-6.6	25.0
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	AveID	0.9672	1.012		50.7	49.5	4.6	25.0
MeFOSA	AveID	0.9723	0.9873		50.3	49.5	1.5	25.0
Perfluorododecanoic acid (PFDoA)	AveID	0.9368	0.9587		50.7	49.5	2.3	25.0
N-EtFOSA-M	AveID	0.996	1.060		52.7	49.5	6.4	25.0
Perfluorotridecanoic Acid (PFTriA)	AveID	0.9233	0.9242		49.6	49.5	0.1	25.0
Perfluorotetradecanoic acid (PFTeA)	L2ID		2.040		49.5	49.5	-0.0	25.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L2ID		1.207		58.0	49.5	17.1	25.0
Perfluoro-n-octadecanoic acid (PFODA)	L2ID		1.278		61.8	49.5	24.8	25.0
13C4 PFBA	Ave	367871	402710		54.2	49.5	9.5	50.0
13C5-PFPeA	Ave	261969	291171		55.0	49.5	11.1	50.0
13C2 PFHxA	Ave	243438	259184		52.7	49.5	6.5	50.0
13C4-PFHpA	Ave	221858	227022		50.7	49.5	2.3	50.0
18O2 PFHxS	Ave	243129	243654		46.9	46.8	0.2	50.0
M2-6:2FTS	Ave	96964	105917		51.4	47.0	9.2	50.0

FORM VII 537 (Modified)

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Lab Sample ID: CCV 320-169055/11 Calibration Date: 06/13/2017 12:55

Instrument ID: A8_N Calib Start Date: 06/11/2017 14:55

GC Column: GeminiC18 3x100 ID: 3.00(mm) Calib End Date: 06/11/2017 15:49

Lab File ID: 2017.06.13B_011.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
13C4 PFOA	Ave	222743	235949		52.4	49.5	5.9	50.0
13C4 PFOS	Ave	167614	173078		48.9	47.3	3.3	50.0
13C5 PFNA	Ave	182793	183553		49.7	49.5	0.4	50.0
13C8 FOSA	Ave	263605	247253		46.4	49.5	-6.2	50.0
M2-8:2FTS	Ave	69540	66623		45.4	47.4	-4.2	50.0
13C2 PFDA	Ave	155204	153645		49.0	49.5	-1.0	50.0
d3-NMeFOSAA	Ave	83744	79682		47.1	49.5	-4.9	50.0
13C2 PFUnA	Ave	111528	110735		49.2	49.5	-0.7	50.0
d5-NEtFOSAA	Ave	80770	75456		46.2	49.5	-6.6	50.0
d-N-MeFOSA-M	Ave	82861	77967		46.6	49.5	-5.9	50.0
13C2 PFDoA	Ave	114696	99456		42.9	49.5	-13.3	50.0
d-N-EtFOSA-M	Ave	81546	73350		44.5	49.5	-10.1	50.0
13C2-PFTeDA	Ave	219712	193499		43.6	49.5	-11.9	50.0
13C2-PFHxDA	Ave	134639	132183		48.6	49.5	-1.8	50.0

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170613-44222.b\2017.06.13B_011.d
Lims ID: CCV L5
Client ID:
Sample Type: CCV
Inject. Date: 13-Jun-2017 12:55:52 ALS Bottle#: 32 Worklist Smp#: 11
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\20170613-44222.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 13-Jun-2017 14:16:04 Calib Date: 11-Jun-2017 15:42:06
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_009.d

Column 1 : Det: EXP1
Process Host: XAWRK015

First Level Reviewer: chandrasenas Date: 13-Jun-2017 14:15:08

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	1.858	1.858	0.0		19936161	54.2		109	234356	
5 Perfluorobutyric acid										
212.90 > 169.00	1.858	1.858	0.0	1.000	19342972	53.1		107	5512	
7 Perfluoropentanoic acid										
262.90 > 219.00	2.202	2.202	0.0	1.000	15320301	50.6		102	6186	
D 6 13C5-PFPeA										
267.90 > 223.00	2.202	2.202	0.0		14414424	55.0		111	73826	
D 8 13C3-PFBS										
301.90 > 83.00	2.233	2.233	0.0		331478	NC			6774	
9 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.243	2.243	0.0	1.000	21712861	51.5		118	124833	
298.90 > 99.00	2.243	2.243	0.0	1.000	8911414		2.44(0.00-0.00)		88282	
11 Sodium 1H,1H,2H,2H-perfluorohexane										
327.00 > 307.00	2.518	2.518	0.0	1.000	4076674	43.1		93.1	95112	
13 Perfluorohexanoic acid										
313.00 > 269.00	2.558	2.558	0.0	1.000	13268299	50.9		103	17692	
D 12 13C2 PFHxA										
315.00 > 270.00	2.558	2.558	0.0		12830879	52.7		106	40904	
15 Perfluoroheptanoic acid										
363.00 > 319.00	2.953	2.953	0.0	1.000	12608425	52.6		106	4638	
D 14 13C4-PFHpA										
367.00 > 322.00	2.953	2.953	0.0		11238694	50.7		102	40156	
D 16 18O2 PFHxS										
403.00 > 84.00	2.960	2.960	0.0		11410715	46.9		100	26745	
17 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.967	2.967	0.0	1.000	11790988	43.6		96.8	7685	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
19 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.333	3.333	0.0	1.000	4979653	46.6		99.3	13537	
D 18 M2-6:2FTS										
429.00 > 409.00	3.333	3.333	0.0		4981243	51.4		109	17028	
* 22 13C2-PFOA										
415.00 > 370.00	3.348	3.348	0.0		12079426	49.5		100	42061	
23 Perfluorooctanoic acid										
413.00 > 369.00	3.348	3.348	0.0	1.000	12529676	49.6		100	3638	
413.00 > 169.00	3.348	3.348	0.0	1.000	7318589		1.71(0.90-1.10)		8096	
21 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.348	3.348	0.0	1.000	10517797	49.8		106	28887	
D 20 13C4 PFOA										
417.00 > 372.00	3.348	3.348	0.0		11680646	52.4		106	32329	
D 24 13C4 PFOS										
503.00 > 80.00	3.715	3.715	0.0		8191226	48.9		103	13016	
25 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.723	3.723	0.0	1.000	8487600	45.3		98.5	6311	
499.00 > 99.00	3.715	3.723	-0.008	0.998	1848851		4.59(0.90-1.10)		5726	
27 Perfluorononanoic acid										
463.00 > 419.00	3.732	3.732	0.0	1.000	9162638	51.0		103	11689	
D 26 13C5 PFNA										
468.00 > 423.00	3.732	3.732	0.0		9086803	49.7		100	17169	
29 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.048	4.048	0.0	1.000	12454158	51.7		104	19981	
D 28 13C8 FOSA										
506.00 > 78.00	4.048	4.048	0.0		12240223	46.4		93.8	12736	
32 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.072	4.072	0.0	1.000	3268033	49.4		104	20615	
D 30 M2-8:2FTS										
529.00 > 509.00	4.072	4.072	0.0		3159655	45.4		95.8	13327	
33 Perfluorodecanoic acid										
513.00 > 469.00	4.081	4.081	0.0	1.000	7506523	50.8		103	13346	
D 31 13C2 PFDA										
515.00 > 470.00	4.081	4.081	0.0		7606195	49.0		99.0	18187	
D 34 d3-NMeFOSAA										
573.00 > 419.00	4.234	4.234	0.0		3944661	47.1		95.1	11658	
35 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.243	4.243	0.0	1.002	4317473	51.5		104	4298	
36 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.363	4.363	0.0	1.000	4981731	47.3		99.0	8500	
39 Perfluoroundecanoic acid										
563.00 > 519.00	4.390	4.390	0.0	1.000	5501183	46.3		93.4	6291	
D 38 d5-NEtFOSAA										
589.00 > 419.00	4.390	4.390	0.0		3735456	46.2		93.4	4343	
D 37 13C2 PFUnA										
565.00 > 520.00	4.390	4.390	0.0		5481934	49.2		99.3	7424	
40 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.399	4.399	0.0	1.002	3779837	50.7		102	3986	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 41 d-N-MeFOSA-M										
515.00 > 169.00	4.512	4.512	0.0		3859771	46.6		94.1	566	
42 MeFOSA										
512.00 > 169.00	4.512	4.512	0.0	1.000	3810867	50.3		102	1913	
D 43 13C2 PFDoA										
615.00 > 570.00	4.665	4.665	0.0		4923543	42.9		86.7	6784	
44 Perfluorododecanoic acid										
613.00 > 569.00	4.665	4.665	0.0	1.000	4719978	50.7		102	3512	
D 45 d-N-EtFOSA-M										
531.00 > 169.00	4.679	4.679	0.0		3631172	44.5		89.9	1355	
46 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.686	4.686	0.0	1.000	3847979	52.7		106	1572	
47 Perfluorotridecanoic acid										
663.00 > 619.00	4.921	4.921	0.0	1.000	4550233	49.6		100	6187	
49 Perfluorotetradecanoic acid										
712.50 > 668.90	5.140	5.140	0.0	1.000	10045010	49.5		100.0	7450	
713.00 > 169.00	5.140	5.140	0.0	1.000	1444288		6.95(0.00-0.00)		4935	
D 48 13C2-PFTeDA										
715.00 > 670.00	5.140	5.140	0.0		9579179	43.6		88.1	11614	
D 50 13C2-PFHxDA										
815.00 > 770.00	5.551	5.551	0.0		6543718	48.6		98.2	4515	
51 Perfluorohexadecanoic acid										
813.00 > 769.00	5.551	5.551	0.0	1.000	5944450	58.0		117	849	
52 Perfluorooctadecanoic acid										
913.00 > 869.00	5.904	5.904	0.0	1.000	6291474	61.8		125	976	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

LCPFC_FULL-L5_00004 Amount Added: 1.00 Units: mL

Report Date: 13-Jun-2017 14:16:05 Chrom Revision: 2.2 12-Jun-2017 15:21:46

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170613-44222.b\2017.06.13B_011.d

Injection Date: 13-Jun-2017 12:55:52 Instrument ID: A8_N

Lims ID: CCV L5

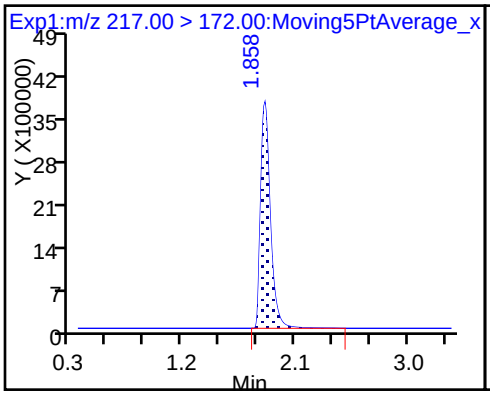
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 32 Worklist Smp#: 11

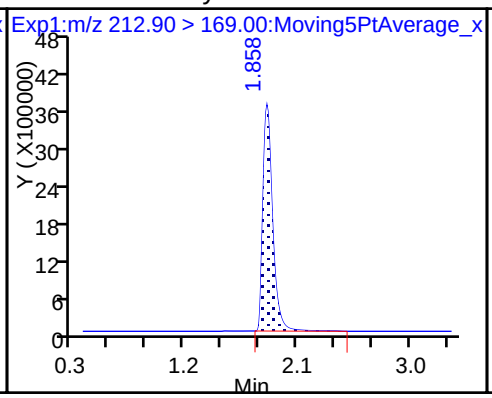
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

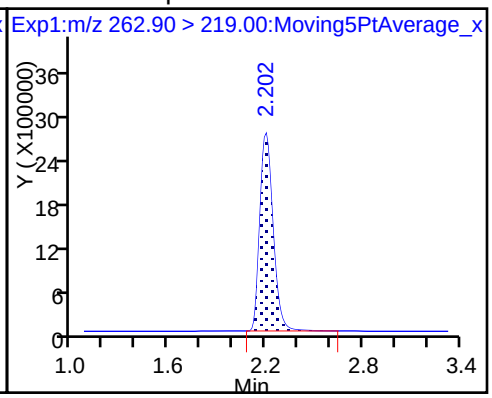
D 1 13C4 PFBA



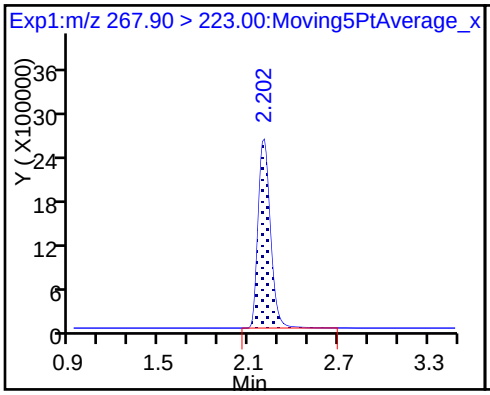
5 Perfluorobutyric acid



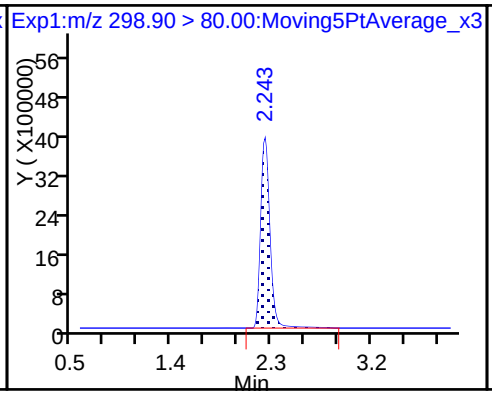
7 Perfluoropentanoic acid



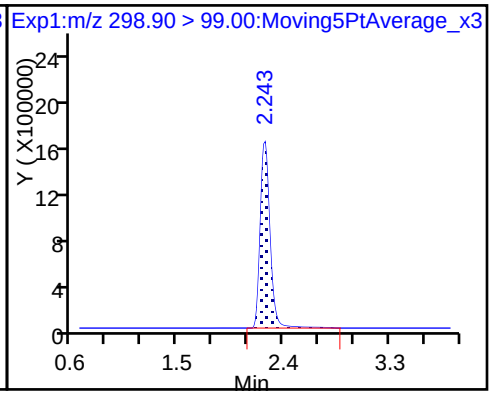
D 6 13C5-PFPeA



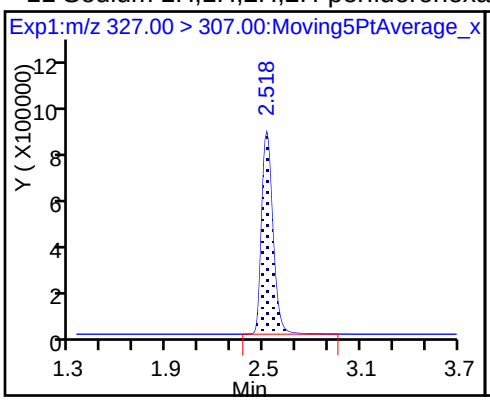
9 Perfluorobutanesulfonic acid



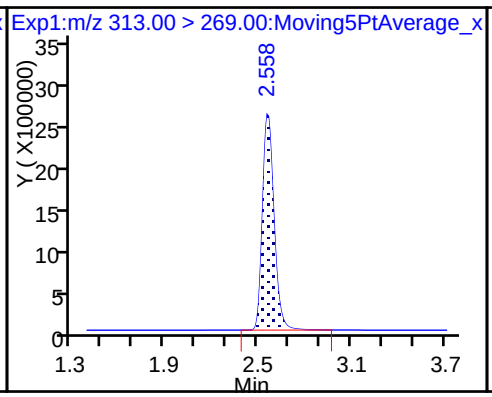
9 Perfluorobutanesulfonic acid



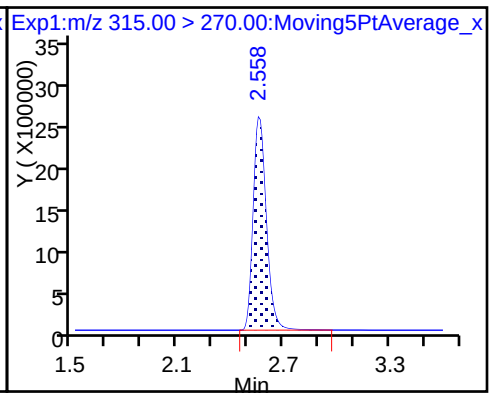
11 Sodium 1H,1H,2H,2H-perfluorohexane



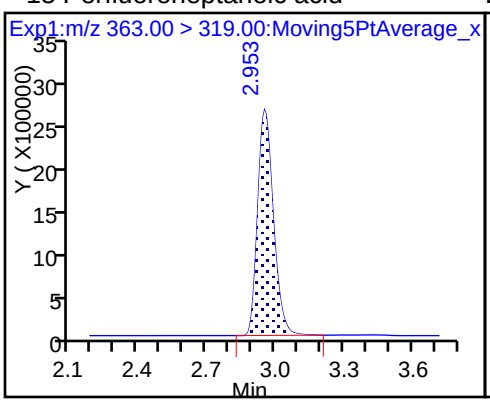
13 Perfluorohexanoic acid



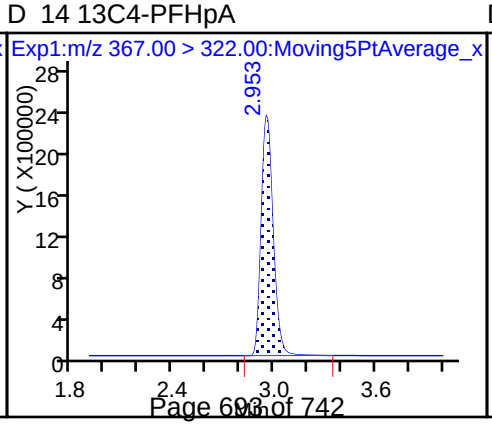
D 12 13C2 PFHxA



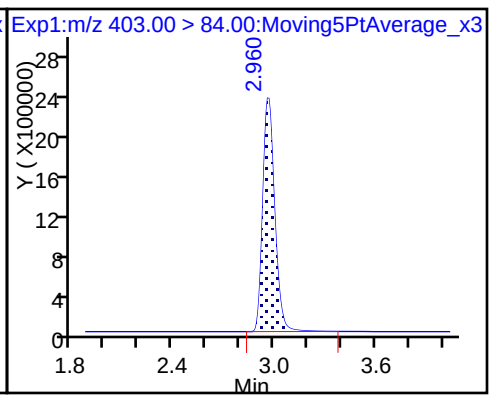
15 Perfluoroheptanoic acid



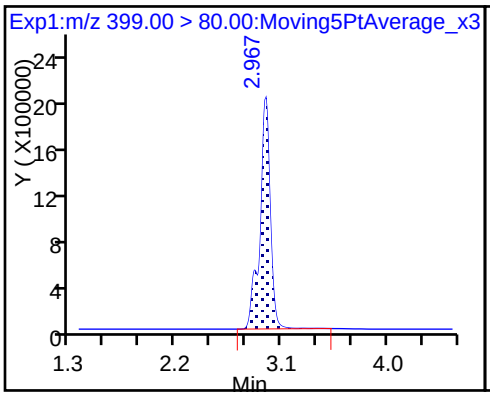
D 14 13C4-PFHpA



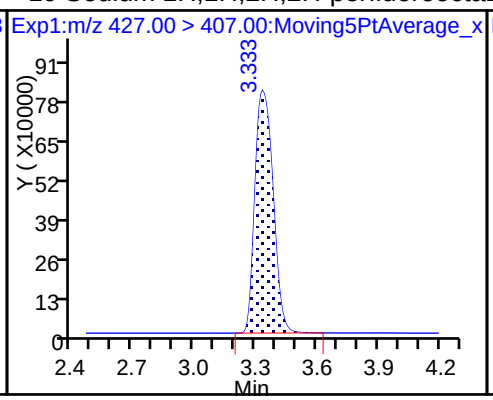
D 16 18O2 PFHxS



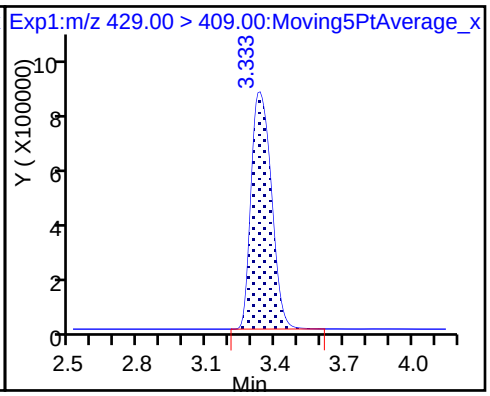
17 Perfluorohexanesulfonic acid



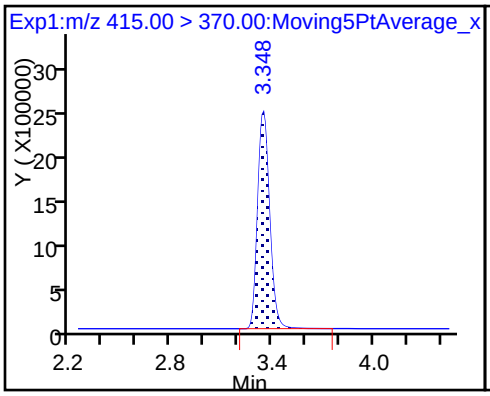
19 Sodium 1H,1H,2H,2H-perfluorooctane



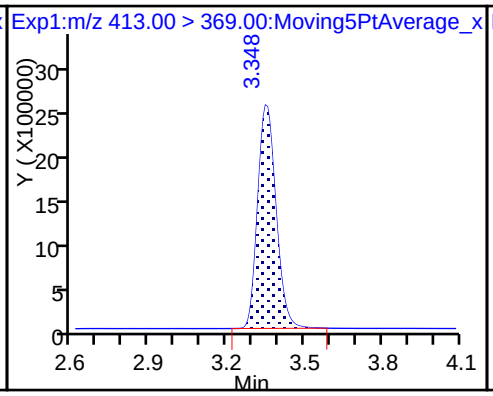
D 18 M2-6:2FTS



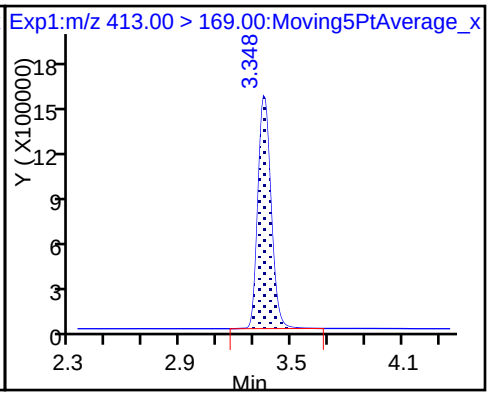
* 22 13C2-PFOA



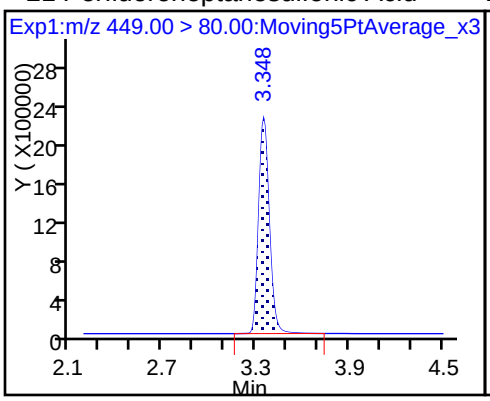
23 Perfluorooctanoic acid



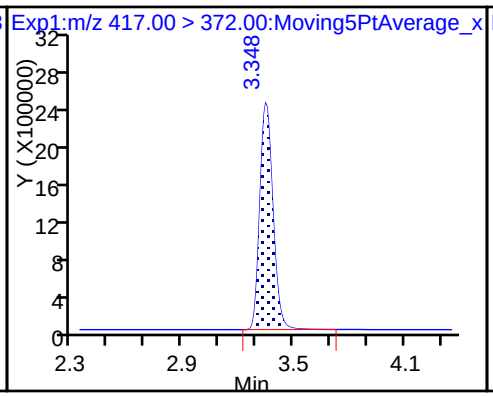
23 Perfluorooctanoic acid



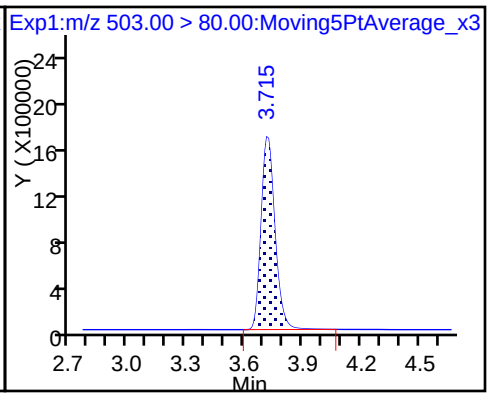
21 Perfluoroheptanesulfonic Acid



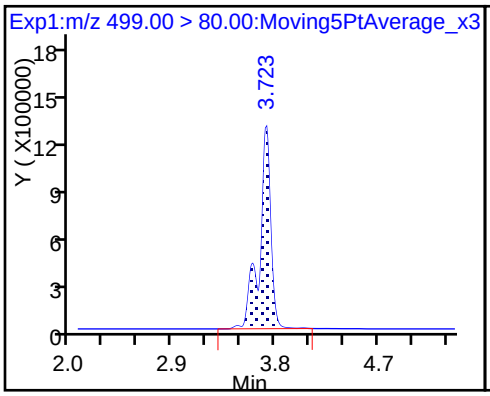
D 20 13C4 PFOA



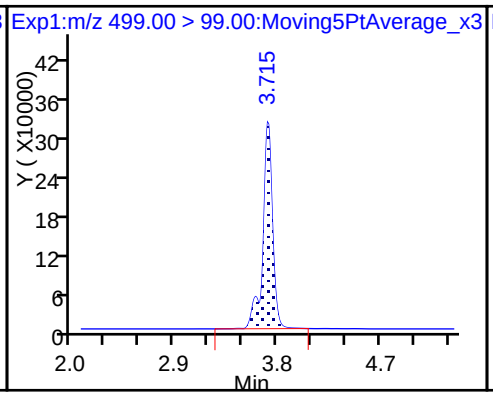
D 24 13C4 PFOS



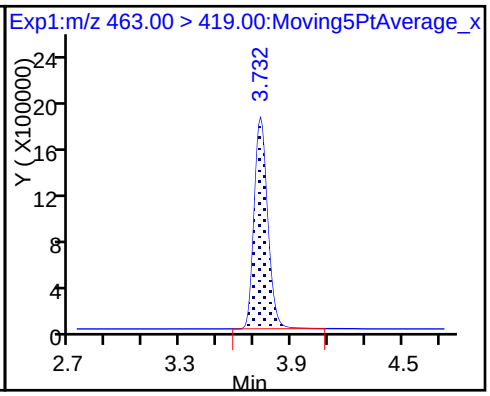
25 Perfluorooctane sulfonic acid



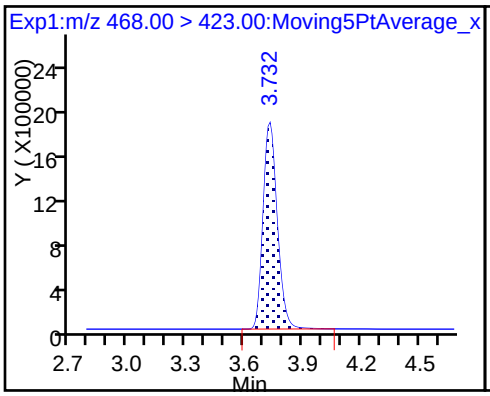
25 Perfluorooctane sulfonic acid



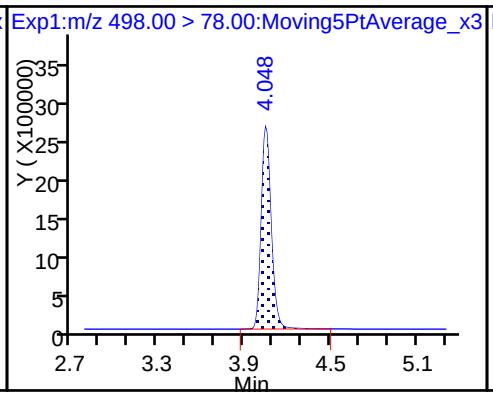
27 Perfluorononanoic acid



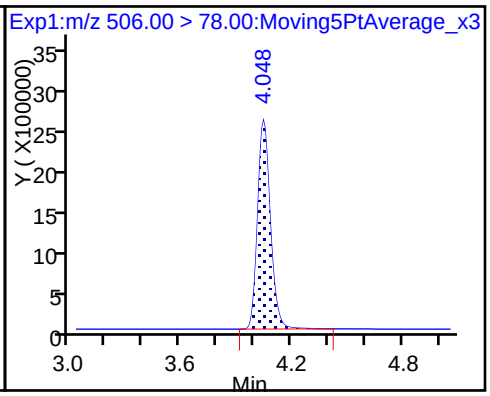
D 26 13C5 PFNA



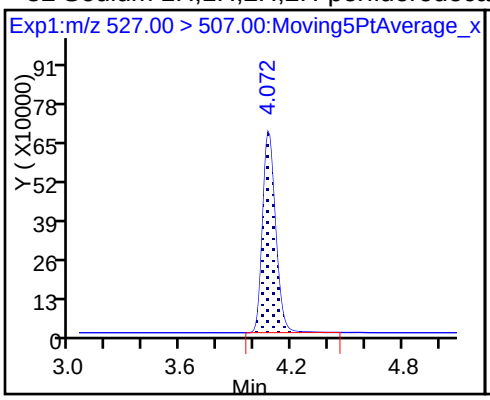
29 Perfluorooctane Sulfonamide



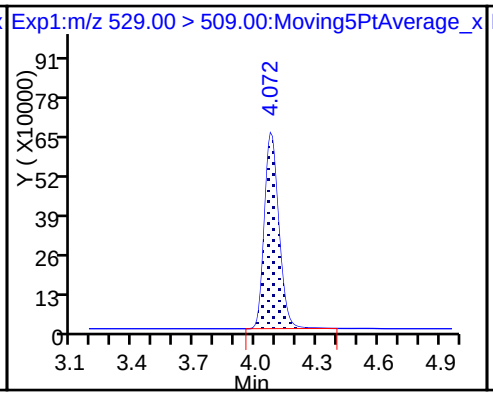
D 28 13C8 FOSA



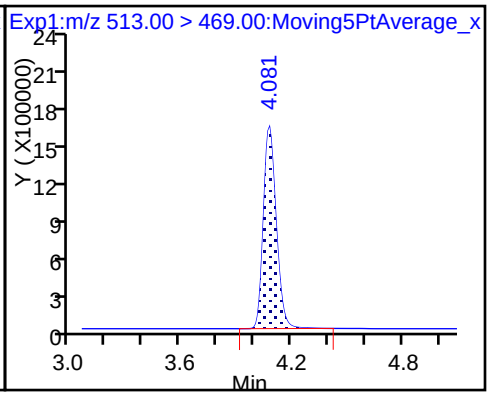
32 Sodium 1H,1H,2H,2H-perfluorodecane



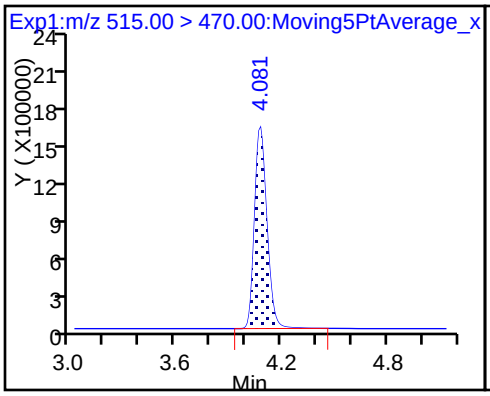
D 30 M2-8:2FTS



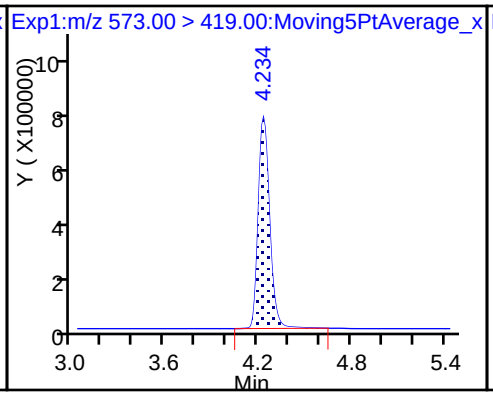
33 Perfluorodecanoic acid



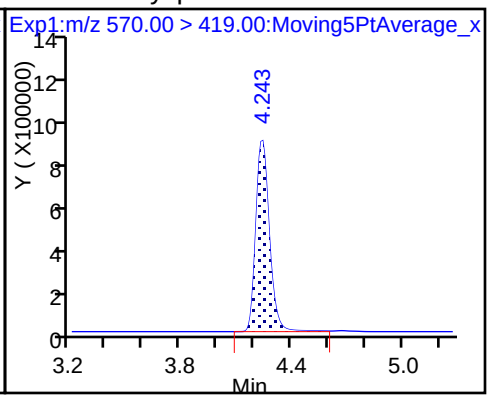
D 31 13C2 PFDA



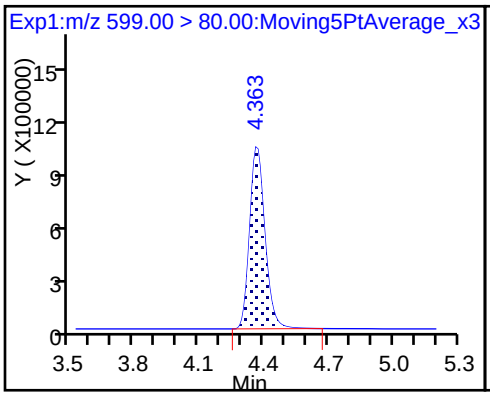
D 34 d3-NMeFOSAA



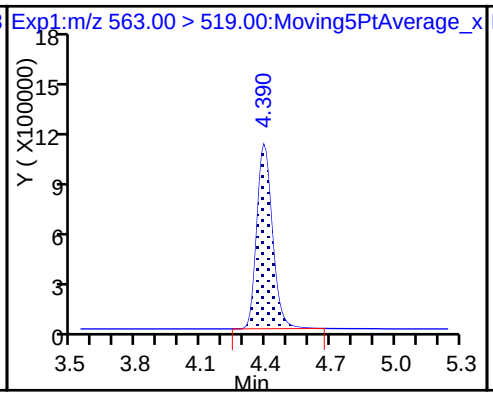
35 N-methyl perfluorooctane sulfonami



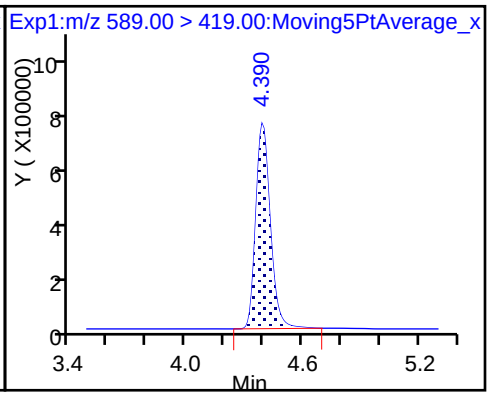
36 Perfluorodecane Sulfonic acid



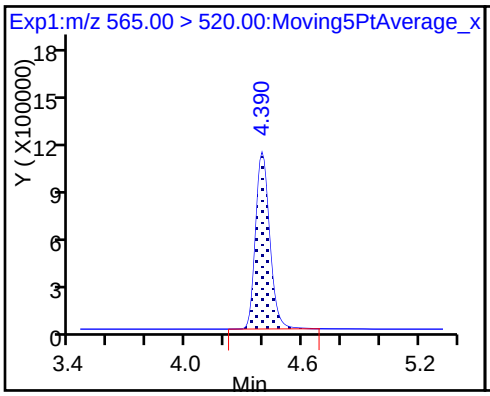
39 Perfluoroundecanoic acid



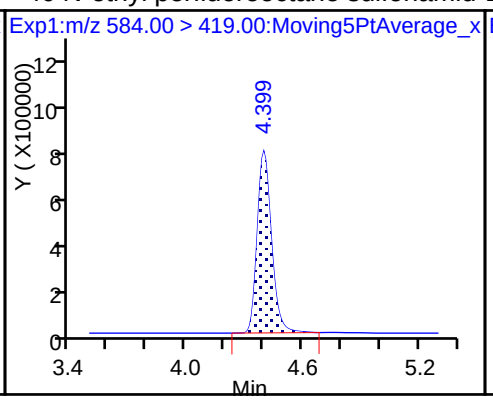
D 38 d5-NEtFOSAA



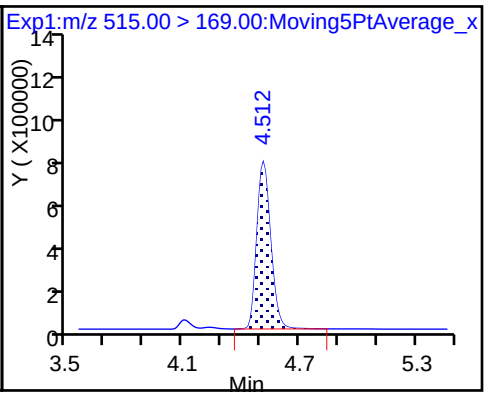
D 37 13C2 PFUnA



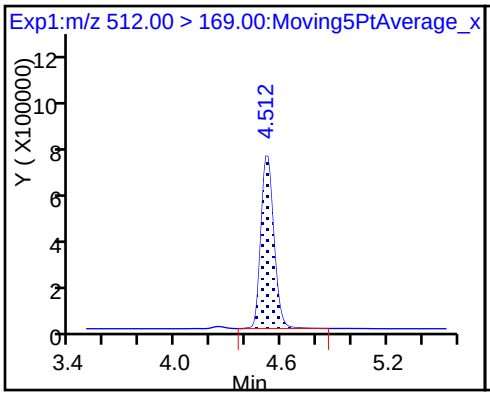
40 N-ethyl perfluorooctane sulfonamid



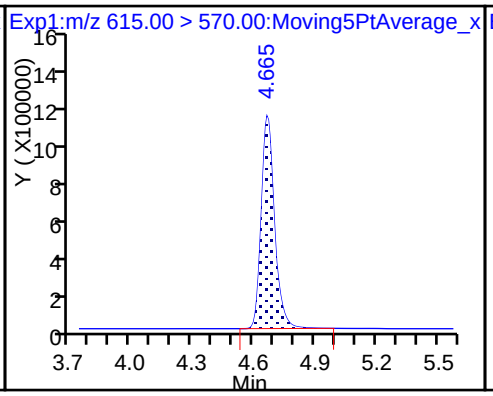
D 41 d-N-MeFOSA-M



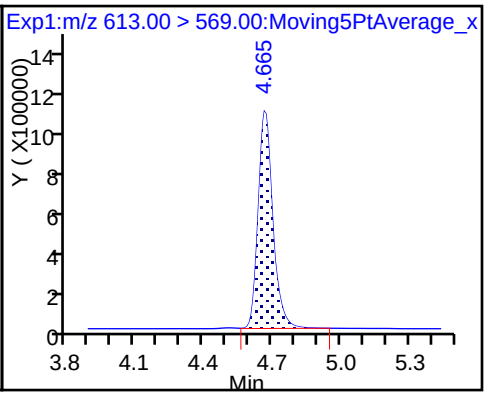
42 MeFOSA



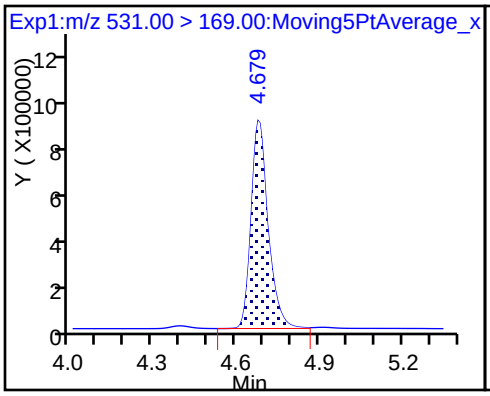
D 43 13C2 PFDoA



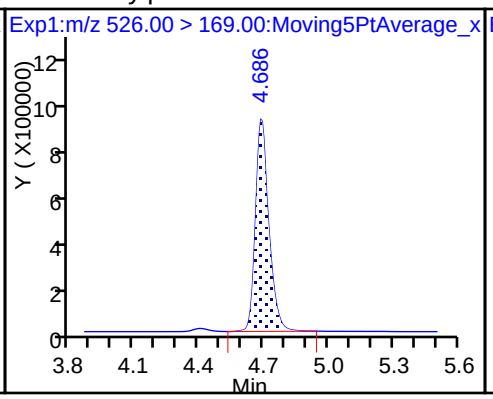
44 Perfluorododecanoic acid



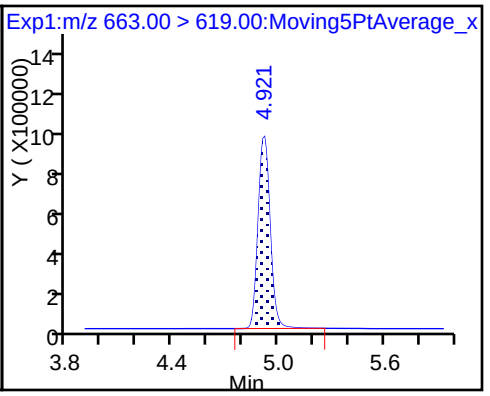
D 45 d-N-EtFOSA-M



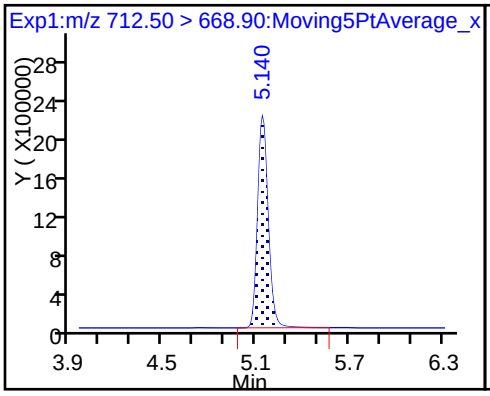
46 N-ethylperfluoro-1-octanesulfonami



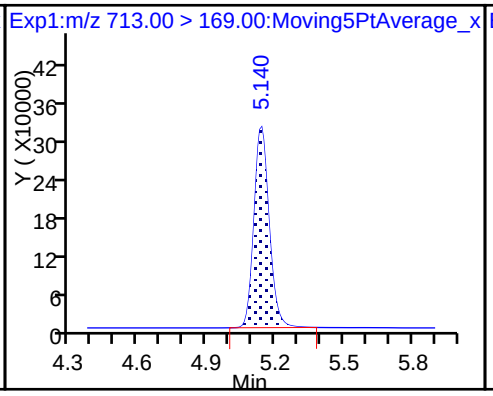
47 Perfluorotridecanoic acid



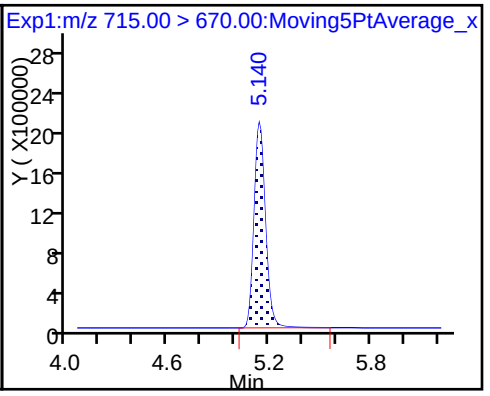
49 Perfluorotetradecanoic acid



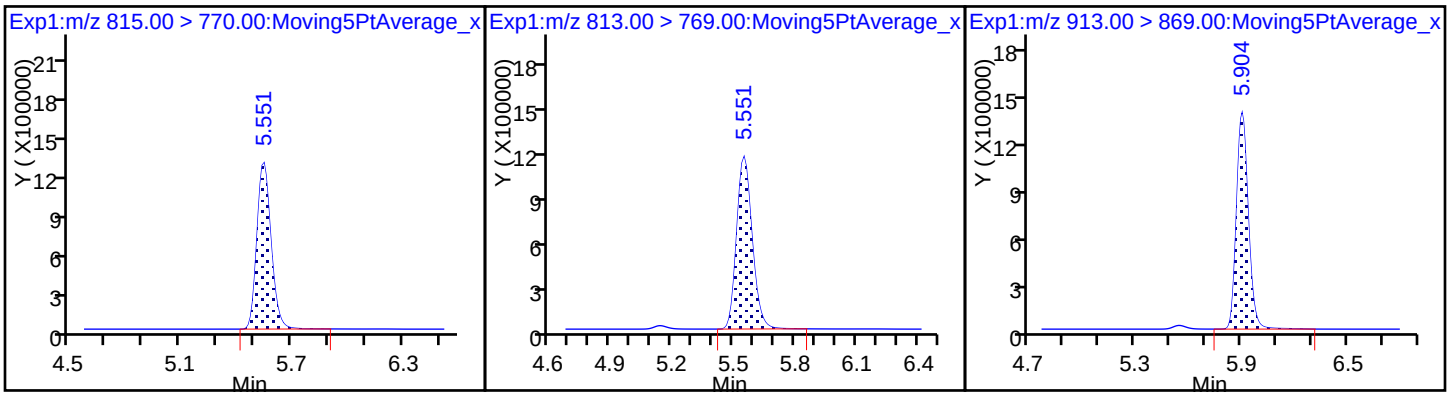
49 Perfluorotetradecanoic acid



D 48 13C2-PFTeDA



D 50 13C2-PFHxDA | 51 Perfluorohexadecanoic acid | 52 Perfluorooctadecanoic acid



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 320-28800-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 320-168463/1-A

Matrix: Water | Lab File ID: 2017.06.13B_002.d

Analysis Method: 537 (Modified) | Date Collected:

Extraction Method: 3535 | Date Extracted: 06/09/2017 10:13

Sample wt/vol: 250(mL) | Date Analyzed: 06/13/2017 11:46

Con. Extract Vol.: 0.5(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 169055 | 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	129		25-150
STL00991	13C4 PFOS	110		25-150
STL00994	18O2 PFHxS	119		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170613-44222.b\2017.06.13B_002.d
Lims ID: MB 320-168463/1-A
Client ID:
Sample Type: MB
Inject. Date: 13-Jun-2017 11:46:29 ALS Bottle#: 1 Worklist Smp#: 2
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: mb 320-168463/1-a
Misc. Info.: Plate: 1 Rack: 4
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170613-44222.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 13-Jun-2017 15:13:03 Calib Date: 11-Jun-2017 15:42:06
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_009.d

Column 1 : Det: EXP1
Process Host: XAWRK015

First Level Reviewer: chandrasenas Date: 13-Jun-2017 15:13:02

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	1.854	1.850	0.004		19679557	53.5		107	180024	
5 Perfluorobutyric acid										M
212.90 > 169.00	1.854	1.850	0.004	1.000	181415	0.5091			29.4	M
D 6 13C5-PFPeA										
267.90 > 223.00	2.196	2.190	0.006		15146318	57.8		116	48187	
D 8 13C3-PFBS										
301.90 > 83.00	2.236	2.231	0.005		324277	NC			4962	
9 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.236	2.231	0.005	1.000	6462	0.0129			1.6	
298.90 > 99.00	2.236	2.231	0.005	1.000	4944		1.31(0.00-0.00)		2.0	
13 Perfluorohexanoic acid										
313.00 > 269.00	2.555	2.548	0.007	1.000	22833	0.0845			26.5	
D 12 13C2 PFHxA										
315.00 > 270.00	2.555	2.548	0.007		13435474	55.2		110	46901	
15 Perfluoroheptanoic acid										
363.00 > 319.00	2.950	2.937	0.013	1.000	6292	0.0221			4.0	
D 14 13C4-PFHpA										
367.00 > 322.00	2.950	2.937	0.013		13505887	60.9		122	62076	
D 16 18O2 PFHxS										
403.00 > 84.00	2.957	2.944	0.013		13700256	56.3		119	43930	
17 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.957	2.944	0.013	1.000	50687	0.1578			22.5	
19 Sodium 1H,1H,2H,2H-perfluorooctane										
427.00 > 407.00	3.315	3.308	0.007	1.000	375479	NR			2976	
D 18 M2-6:2FTS										
429.00 > 409.00	3.315	3.315	0.0		24832	0.2561		0.0	801	
* 22 13C2-PFOA										
415.00 > 370.00	3.339	3.323	0.016		19239	50.0			212	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
23 Perfluorooctanoic acid										
413.00 > 369.00	3.339	3.331	0.008	1.000	25405	0.0828			10.8	
413.00 > 169.00	3.339	3.331	0.008	1.000	17351		1.46(0.90-1.10)		37.6	
21 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.346	3.331	0.015	1.000	6195	0.0276			73.2	
D 20 13C4 PFOA										
417.00 > 372.00	3.339	3.331	0.008		14324051	64.3		129	75477	
D 24 13C4 PFOS										
503.00 > 80.00	3.712	3.695	0.017		8806598	52.5		110	25679	
27 Perfluorononanoic acid										
463.00 > 419.00	3.729	3.712	0.017	1.000	8471	0.0410			18.5	
D 26 13C5 PFNA										
468.00 > 423.00	3.721	3.712	0.009		10547508	57.7		115	35094	
D 28 13C8 FOSA										
506.00 > 78.00	4.046	4.029	0.017		313216	1.19		2.4	1487	
32 Sodium 1H,1H,2H,2H-perfluorodecane										
527.00 > 507.00	4.070	4.054	0.016	1.000	2315	NR			61.7	
D 30 M2-8:2FTS										
529.00 > 509.00	4.070	4.054	0.016		4340	0.0624		0.0	135	
33 Perfluorodecanoic acid										
513.00 > 469.00	4.079	4.062	0.017	1.000	12694	0.0763			54.0	
D 31 13C2 PFDA										
515.00 > 470.00	4.070	4.062	0.008		8645186	55.7		111	24016	
D 34 d3-NMeFOSAA										
573.00 > 419.00	4.223	4.214	0.009		47286	0.5646		0.0	182	
35 N-methyl perfluorooctane sulfonami										
570.00 > 419.00	4.241	4.214	0.027	1.004	24681	NR			38.8	
36 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.359	4.350	0.009	1.000	4799	0.0428			42.9	
39 Perfluoroundecanoic acid										
563.00 > 519.00	4.387	4.377	0.010	1.000	25877	0.1941			98.1	
D 38 d5-NEtFOSAA										
589.00 > 419.00	4.387	4.377	0.010		55536	0.6876		0.0	200	
D 37 13C2 PFUnA										
565.00 > 520.00	4.387	4.377	0.010		6207169	55.7		111	26612	
40 N-ethyl perfluorooctane sulfonamid										
584.00 > 419.00	4.396	4.377	0.019	1.002	25296	NR			138	
D 41 d-N-MeFOSA-M										
515.00 > 169.00	4.508	4.488	0.020		4378	0.0528		0.0	0.9	
D 43 13C2 PFDoA										
615.00 > 570.00	4.662	4.648	0.014		5902280	51.5		103	11924	
44 Perfluorododecanoic acid										
613.00 > 569.00	4.662	4.655	0.007	1.000	12210	0.1104			36.6	
D 45 d-N-EtFOSA-M										
531.00 > 169.00	4.676	4.662	0.014		4029	0.0494		0.0	31.6	
46 N-ethylperfluoro-1-octanesulfonami										
526.00 > 169.00	4.683	4.668	0.015	1.000	2072	NR			29.7	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
47 Perfluorotridecanoic acid										
663.00 > 619.00	4.916	4.906	0.010	1.000	10203	0.0936			33.9	
49 Perfluorotetradecanoic acid										
712.50 > 668.90	5.128	5.127	0.001	1.000	62095	0.2018			66.1	
713.00 > 169.00	5.136	5.127	0.009	1.002	9255		6.71(0.00-0.00)		150	
D 48 13C2-PFTeDA										
715.00 > 670.00	5.136	5.127	0.009		11429715	52.0		104	14640	
D 50 13C2-PFHxDA										
815.00 > 770.00	5.545	5.540	0.005		7263844	54.0		108	4810	
51 Perfluorohexadecanoic acid										
813.00 > 769.00	5.555	5.551	0.004	1.000	109320	0.0696			24.6	
52 Perfluorooctadecanoic acid										
913.00 > 869.00	5.913	5.896	0.017	1.000	16274	0.1346			2.8	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

NC - Not Calibrated

Review Flags

M - Manually Integrated

Report Date: 13-Jun-2017 15:13:03 Chrom Revision: 2.2 12-Jun-2017 15:21:46

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170613-44222.b\2017.06.13B_002.d

Injection Date: 13-Jun-2017 11:46:29 Instrument ID: A8_N

Lims ID: MB 320-168463/1-A

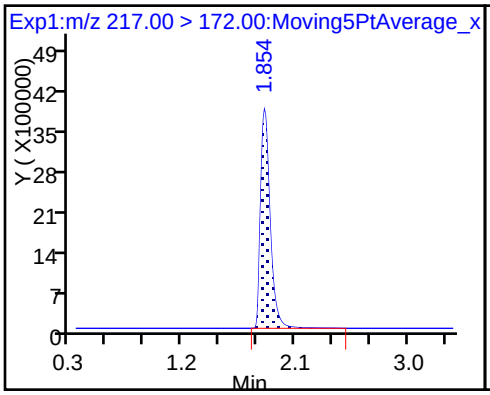
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 1 Worklist Smp#: 2

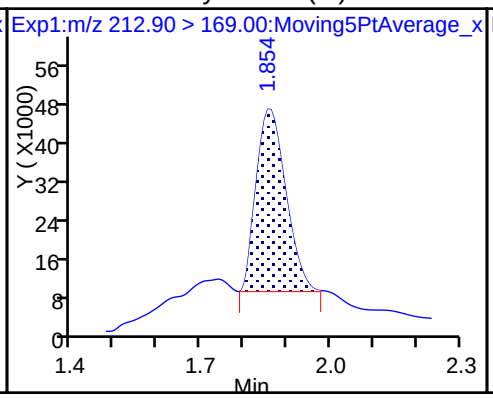
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

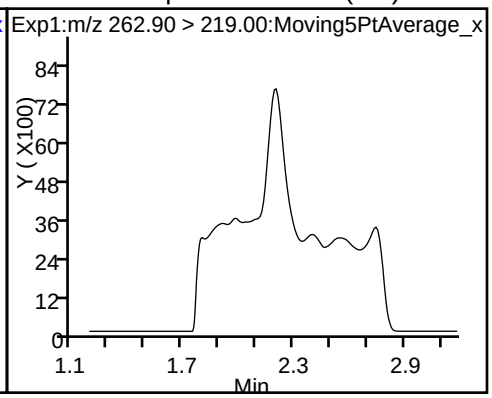
D 1 13C4 PFBA



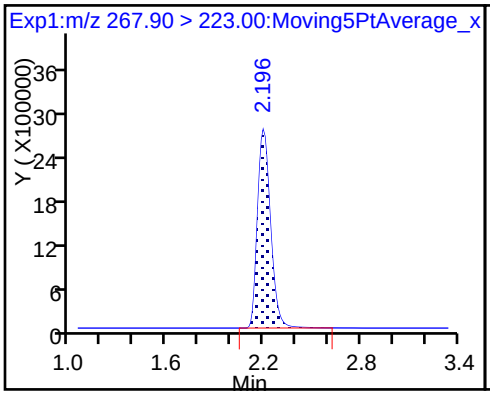
5 Perfluorobutyric acid (M)



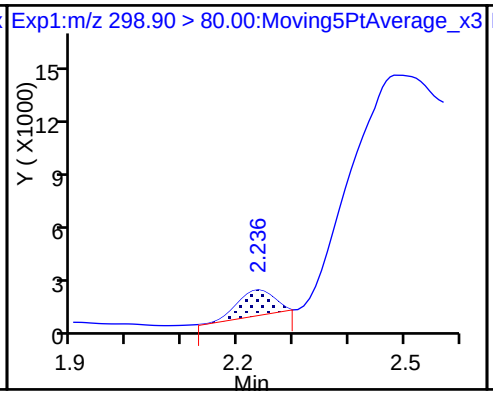
7 Perfluoropentanoic acid (ND)



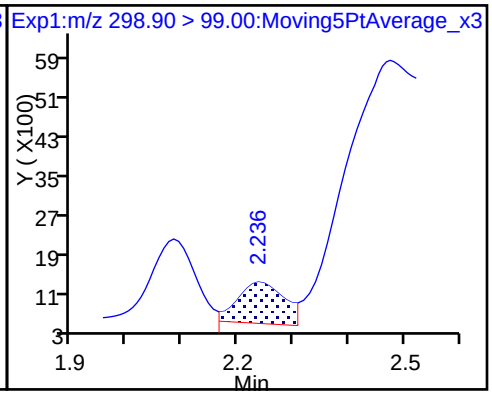
D 6 13C5-PFPeA



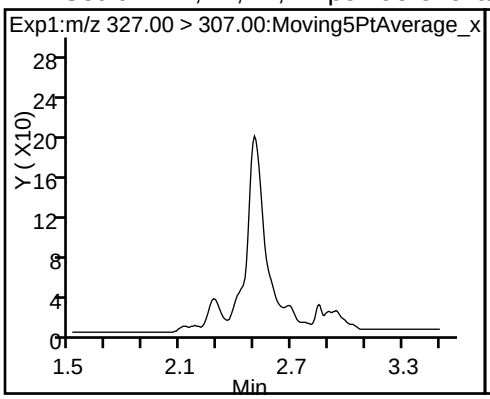
9 Perfluorobutanesulfonic acid



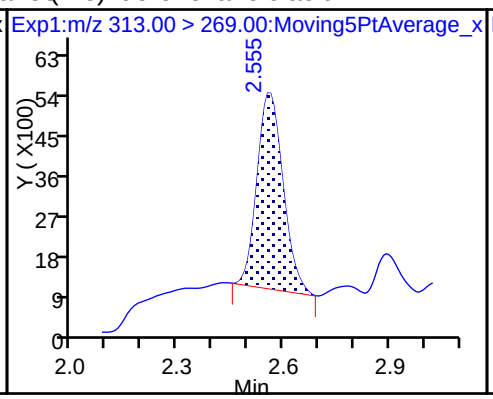
9 Perfluorobutanesulfonic acid



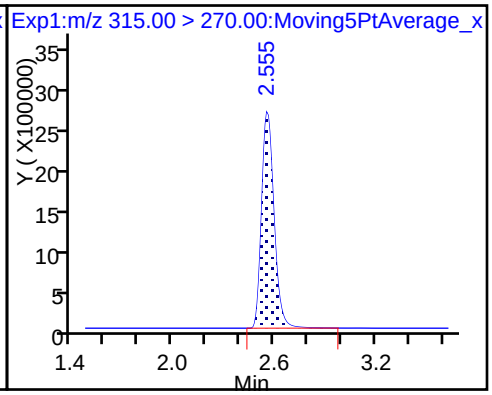
11 Sodium 1H,1H,2H,2H-perfluorohexanesulfonate



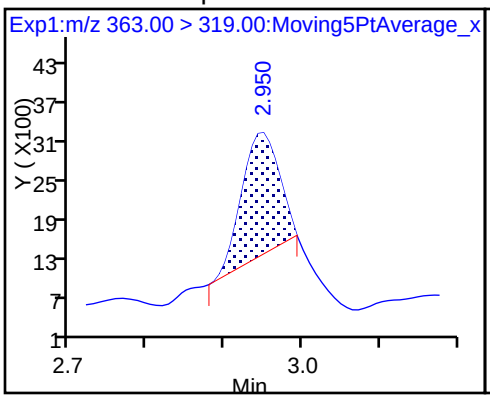
13 Perfluorohexanoic acid



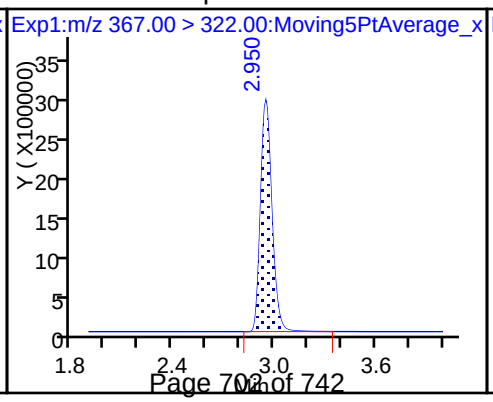
D 12 13C2 PFHxA



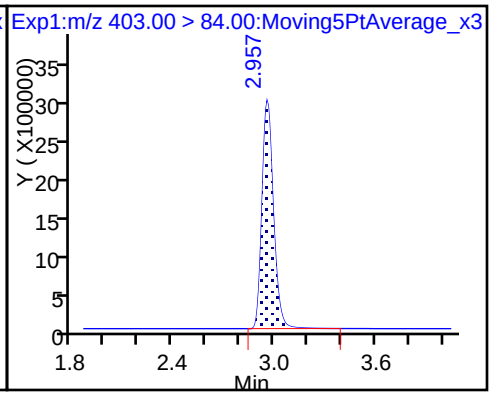
15 Perfluoroheptanoic acid



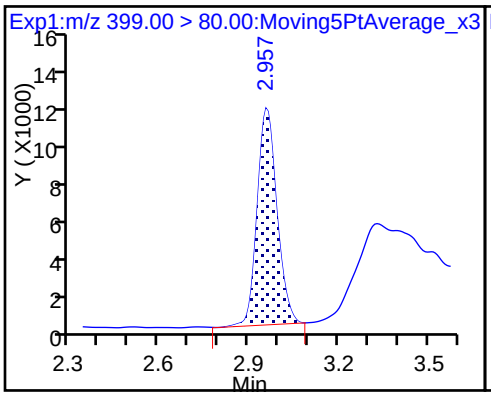
D 14 13C4-PFHpA



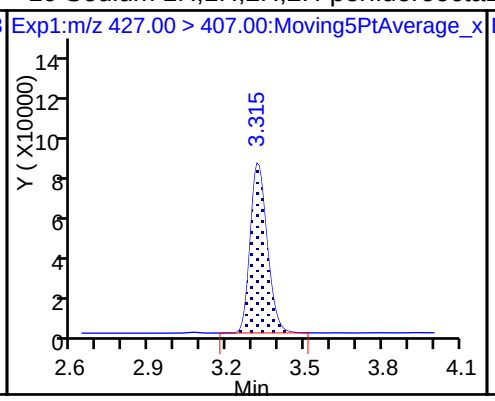
D 16 18O2 PFHxS



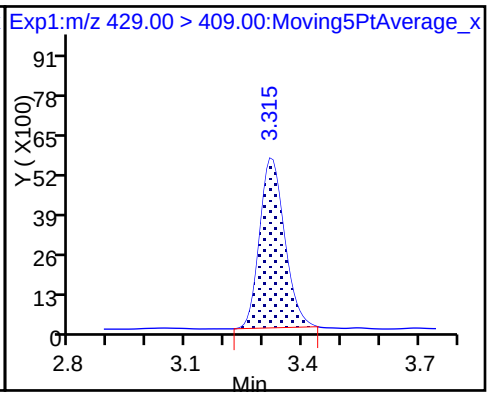
17 Perfluorohexanesulfonic acid



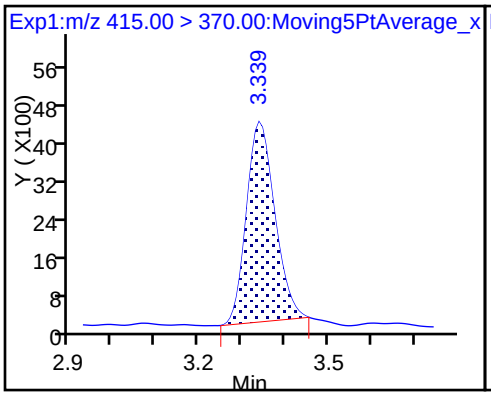
19 Sodium 1H,1H,2H,2H-perfluorooctane



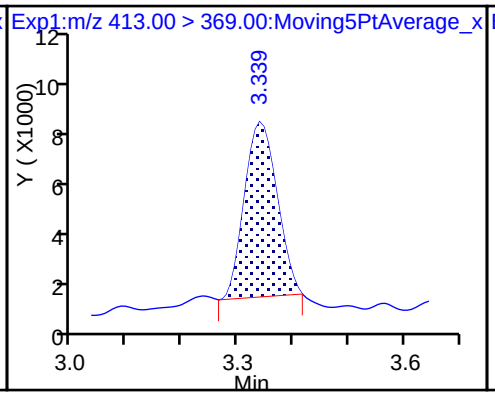
D 18 M2-6:2FTS



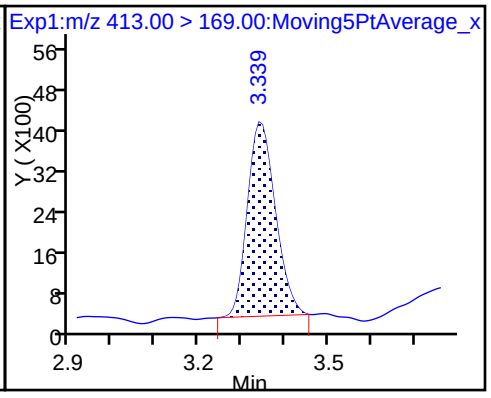
* 22 13C2-PFOA



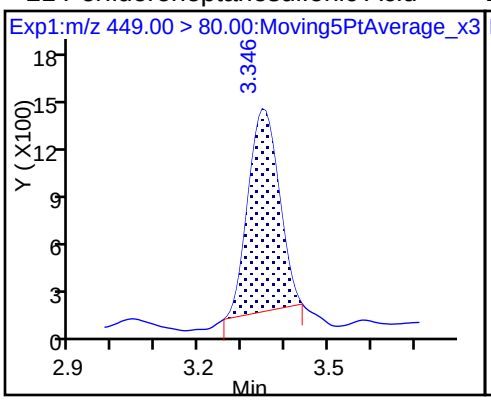
23 Perfluorooctanoic acid



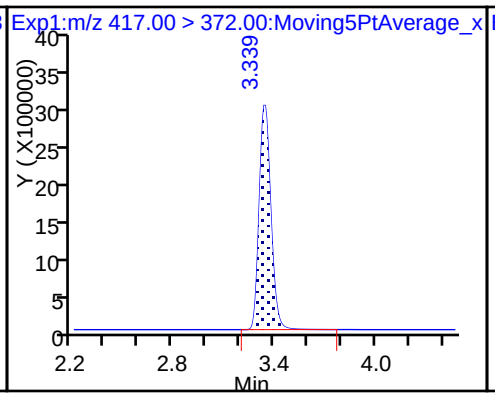
23 Perfluorooctanoic acid



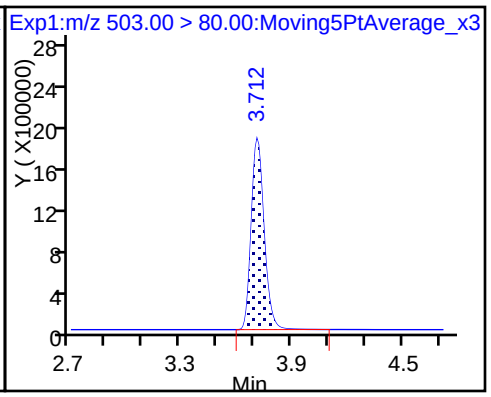
21 Perfluoroheptanesulfonic Acid



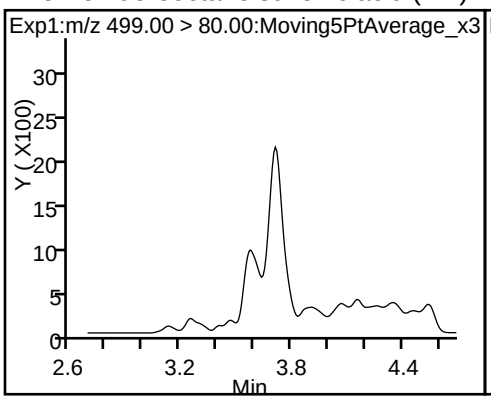
D 20 13C4 PFOA



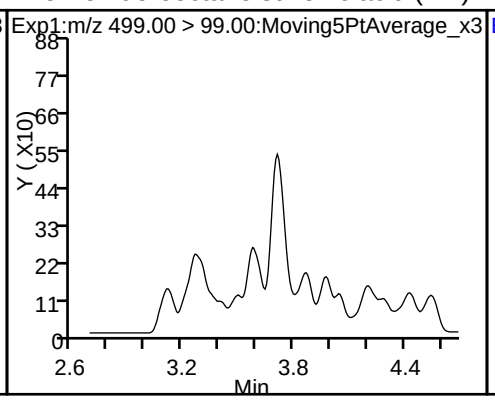
D 24 13C4 PFOS



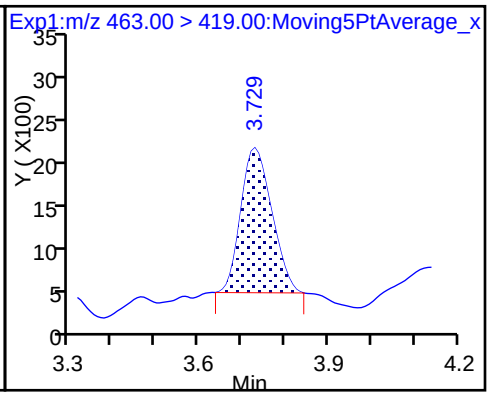
25 Perfluorooctane sulfonic acid (ND)



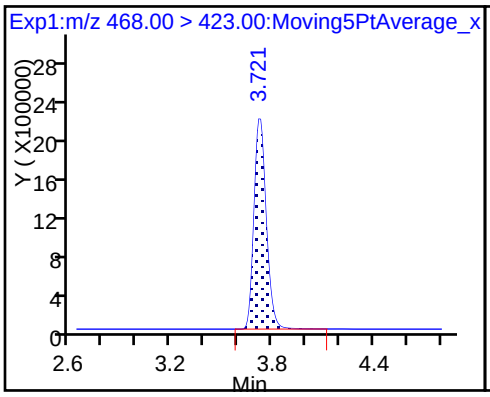
25 Perfluorooctane sulfonic acid (ND)



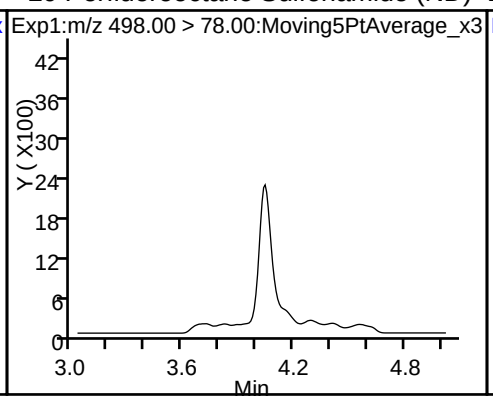
27 Perfluorononanoic acid



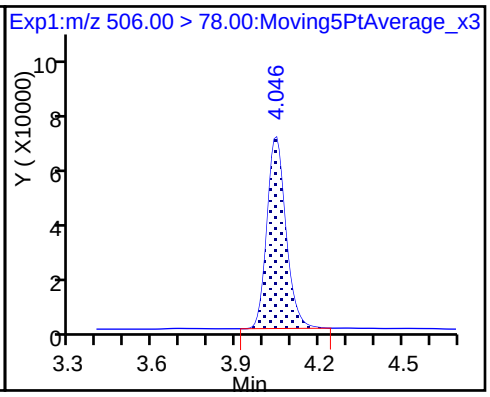
D 26 13C5 PFNA



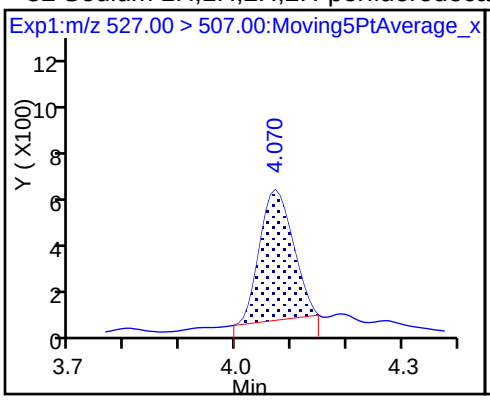
29 Perfluorooctane Sulfonamide (ND)



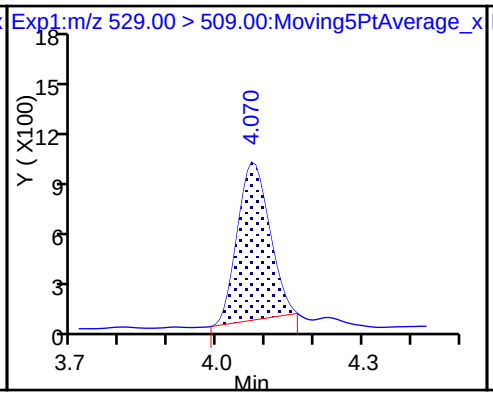
D 28 13C8 FOSA



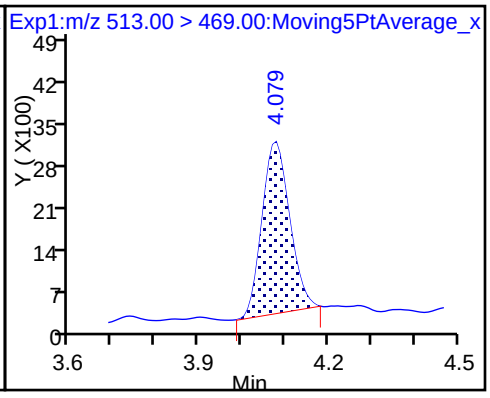
32 Sodium 1H,1H,2H,2H-perfluorodecane



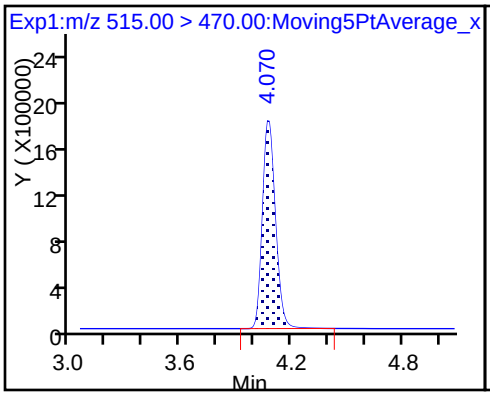
D 30 M2-8:2FTS



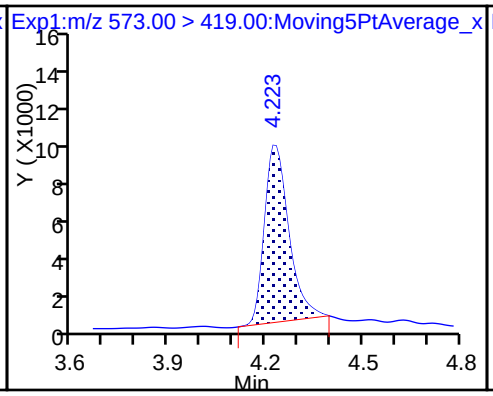
33 Perfluorodecanoic acid



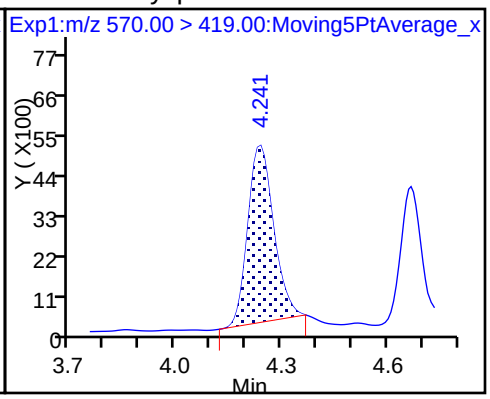
D 31 13C2 PFDA



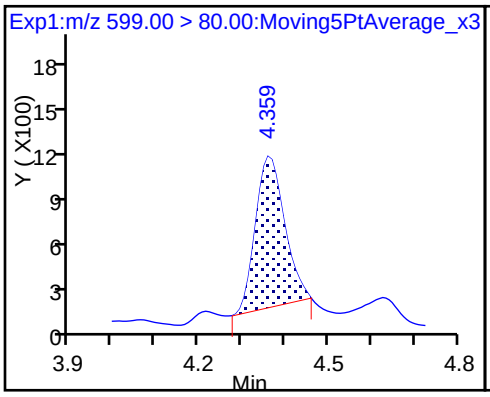
D 34 d3-NMeFOSAA



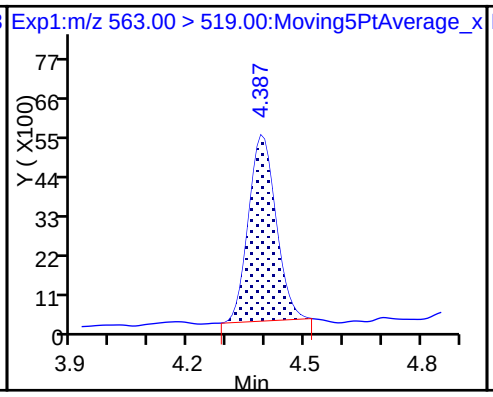
35 N-methyl perfluorooctane sulfonami



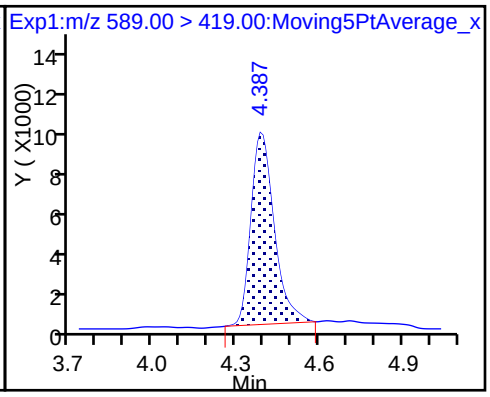
36 Perfluorodecane Sulfonic acid



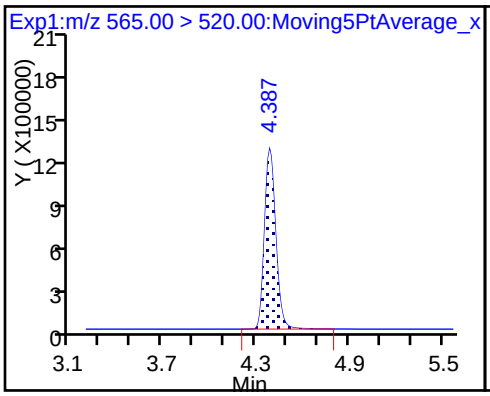
39 Perfluoroundecanoic acid



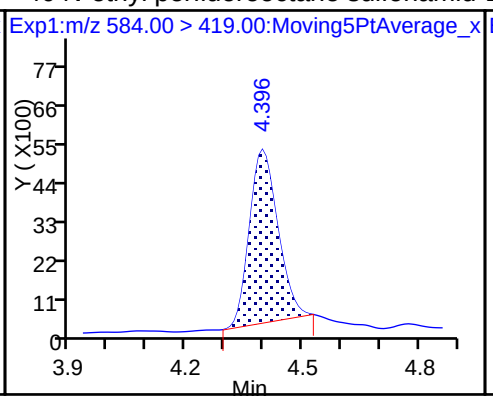
D 38 d5-NEtFOSAA



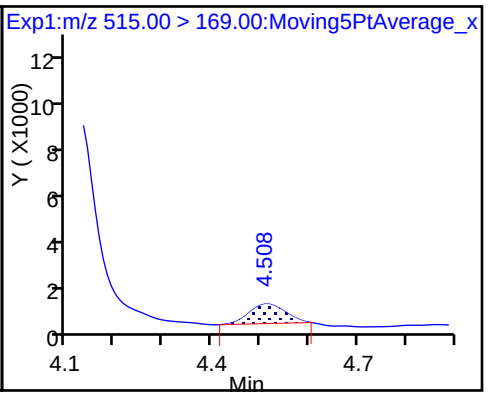
D 37 13C2 PFUnA



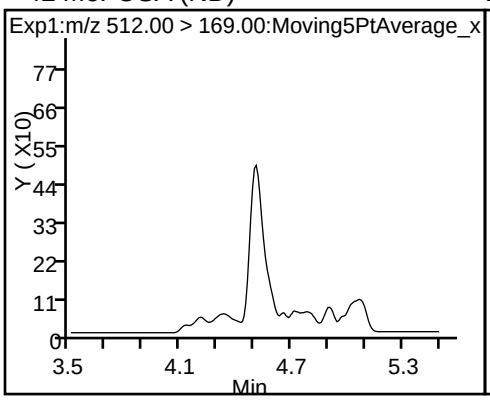
40 N-ethyl perfluorooctane sulfonamid



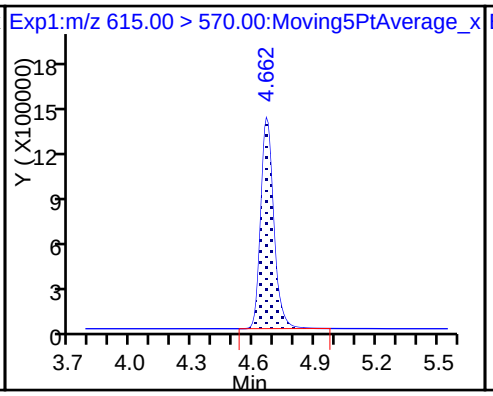
D 41 d-N-MeFOSA-M



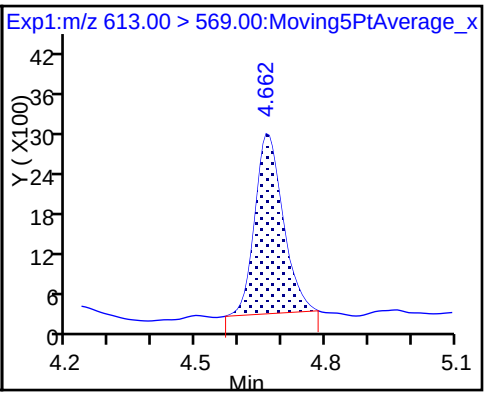
42 MeFOSA (ND)



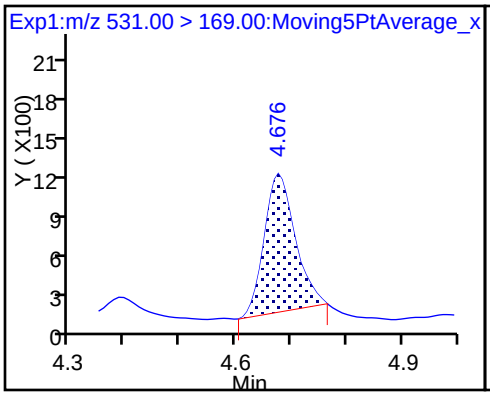
D 43 13C2 PFDoA



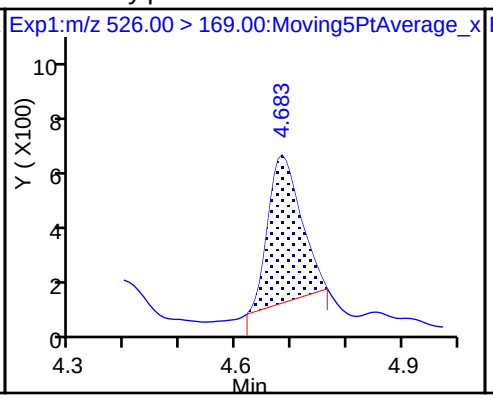
44 Perfluorododecanoic acid



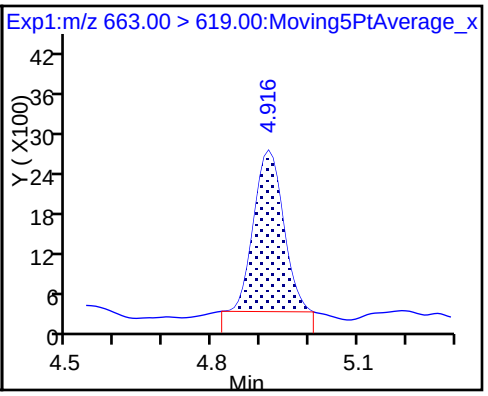
D 45 d-N-EtFOSA-M



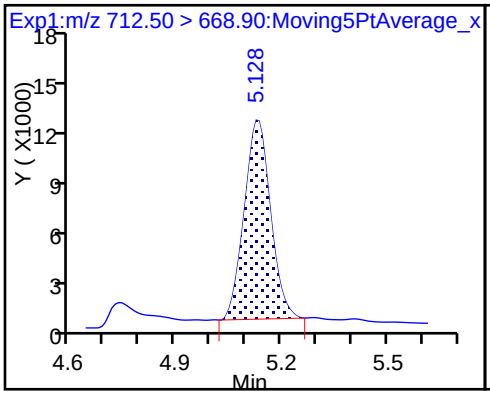
46 N-ethylperfluoro-1-octanesulfonami



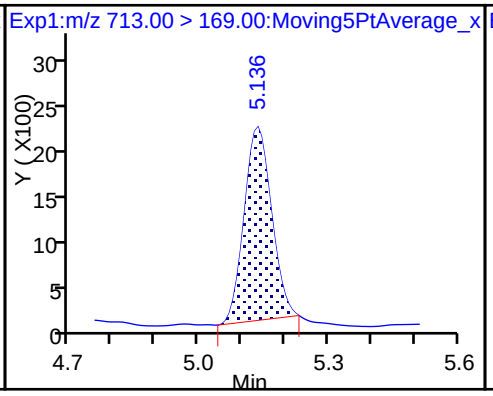
47 Perfluorotridecanoic acid



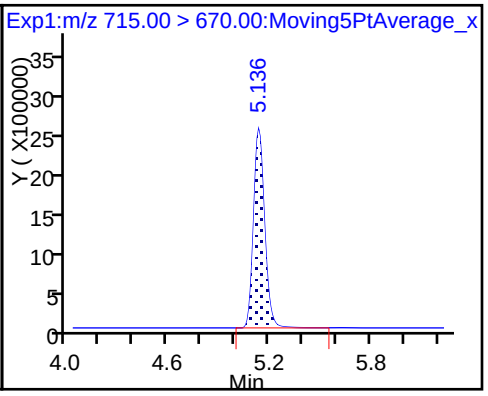
49 Perfluorotetradecanoic acid



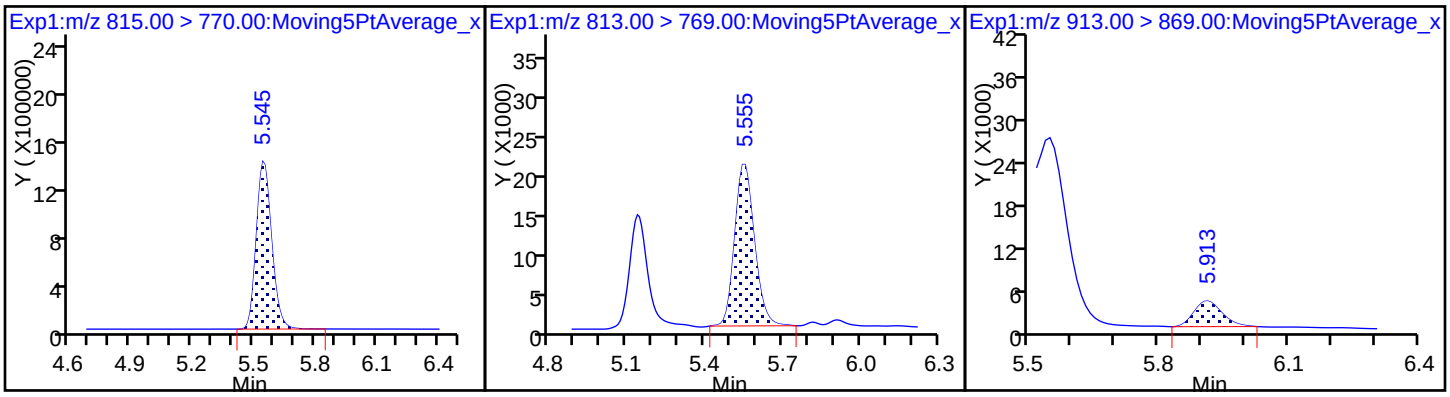
49 Perfluorotetradecanoic acid



D 48 13C2-PFTeDA



D 50 13C2-PFHxDA | 51 Perfluorohexadecanoic acid | 52 Perfluorooctadecanoic acid



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 320-28800-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 320-168463/2-A

Matrix: Water | Lab File ID: 2017.06.10B_028.d

Analysis Method: 537 (Modified) | Date Collected:

Extraction Method: 3535 | Date Extracted: 06/09/2017 10:13

Sample wt/vol: 250(mL) | Date Analyzed: 06/11/2017 05:17

Con. Extract Vol.: 0.5(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 168683 | Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	41.1		2.5	2.0	0.75
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	39.7		4.0	3.0	1.3
375-73-5	Perfluorobutanesulfonic acid (PFBS)	42.7		2.5	2.0	0.92

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	136		25-150
STL00991	13C4 PFOS	94		25-150
STL00994	18O2 PFHxS	109		25-150

Report Date: 12-Jun-2017 17:04:09 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_028.d
Lims ID: LCS 320-168463/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Jun-2017 05:17:49 ALS Bottle#: 20 Worklist Smp#: 3
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: lcs 320-168463/2-a
Misc. Info.: Plate: 1 Rack: 4
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 12-Jun-2017 17:04:04 Calib Date: 06-Jun-2017 14:25:49
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170606-43899.b\2017.06.06CURVE_010.d

Column 1 : Det: EXP1
Process Host: XAWRK020

First Level Reviewer: chandrasenas Date: 12-Jun-2017 15:48:09

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	1.881	1.874	0.007		17971484	54.5		109	160307	
2 Perfluorobutyric acid										
212.90 > 169.00	1.881	1.874	0.007	1.000	7599671	23.0		115	1175	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.221	2.211	0.010	1.000	5480388	20.5		102	1931	
D 3 13C5-PFPeA										
267.90 > 223.00	2.221	2.211	0.010		12858753	58.5		117	46184	
D 47 13C3-PFBS										
301.90 > 83.00	2.251	2.252	-0.001		283399	NC				
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.262	2.252	0.010	1.000	8739989	21.4		121		
298.90 > 99.00	2.262	2.252	0.010	1.000	3289788		2.66(0.00-0.00)			
6 Perfluorohexanoic acid										
313.00 > 269.00	2.582	2.574	0.008	1.000	4661041	20.5		102	4895	
D 7 13C2 PFHxA										
315.00 > 270.00	2.582	2.574	0.008		11237354	58.3		117	34871	
10 Perfluoroheptanoic acid										
363.00 > 319.00	2.973	2.957	0.016	1.000	4845918	21.1		105	2420	
D 9 13C4-PFHpA										
367.00 > 322.00	2.973	2.957	0.016		10980799	61.7		123	49023	
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.980	2.971	0.009	1.000	4873220	17.7		97.5		
D 11 18O2 PFHxS										
403.00 > 84.00	2.980	2.971	0.009		11858493	51.4		109	31577	
16 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.362	3.346	0.016	1.000	4646693	24.4		128		
D 14 13C4 PFOA										
417.00 > 372.00	3.362	3.354	0.008		12255236	68.0		136	43912	

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	3.362	3.354	0.008	1.000	5382791	20.6		103	1770	
413.00 > 169.00	3.362	3.354	0.008	1.000	3008817		1.79(0.90-1.10)		5160	
17 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.730	3.671	0.059	1.000	3505877	19.9		107	7095	
499.00 > 99.00	3.730	3.671	0.059	1.000	755011		4.64(0.90-1.10)		3090	
D 18 13C4 PFOS										
503.00 > 80.00	3.730	3.713	0.017		7994185	44.9		93.9	23048	
20 Perfluorononanoic acid										
463.00 > 419.00	3.738	3.729	0.009	1.000	3737246	19.9		99.3	7865	
D 19 13C5 PFNA										
468.00 > 423.00	3.738	3.729	0.009		9385020	61.5		123	35473	
D 21 13C8 FOSA										
506.00 > 78.00	4.072	4.063	0.009		217056	0.7230		1.4	1850	
22 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.072	4.063	0.009	1.000	83118	19.8		98.8	892	
D 23 13C2 PFDA										
515.00 > 470.00	4.088	4.079	0.009		7986280	53.0		106	22423	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.088	4.079	0.009	1.000	3131459	20.6		103	12247	
29 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.371	4.360	0.011	1.000	2194767	19.9		103		
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.398	4.387	0.011	1.000	2477410	19.6		97.9	5935	
D 30 13C2 PFUnA										
565.00 > 520.00	4.398	4.387	0.011		5938540	49.6		99.1	19784	
D 36 13C2 PFDoA										
615.00 > 570.00	4.671	4.663	0.008		5848874	47.0		94.0	11883	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.671	4.663	0.008	1.000	2376444	21.2		106	4848	
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.920	4.916	0.004	1.000	2210681	18.9		94.5	6204	
D 43 13C2-PFTeDA										
715.00 > 670.00	5.140	5.136	0.004		12031586	46.8		93.6	18298	
42 Perfluorotetradecanoic acid										
712.50 > 668.90	5.140	5.136	0.004	1.000	5115156	21.1		105	4843	
713.00 > 169.00	5.140	5.136	0.004	1.000	693884		7.37(0.00-0.00)		5626	
D 44 13C2-PFHxDA										
815.00 > 770.00	5.550	5.538	0.012		7156456	52.3		105	4873	
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.550	5.548	0.002	1.000	2793739	24.7		124	510	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.895	5.886	0.009	1.000	2927055	28.3		141	340	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Report Date: 12-Jun-2017 17:04:09 Chrom Revision: 2.2 25-May-2017 18:29:58

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b\2017.06.10B_028.d

Injection Date: 11-Jun-2017 05:17:49 Instrument ID: A8_N

Lims ID: LCS 320-168463/2-A

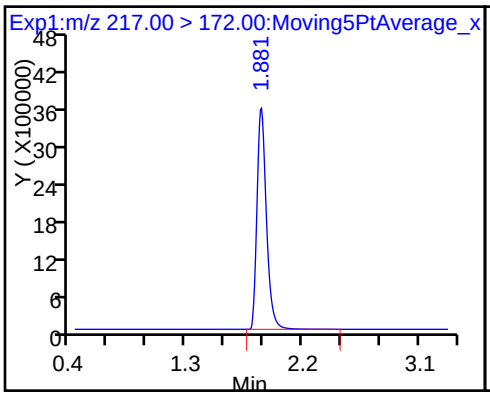
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 20 Worklist Smp#: 3

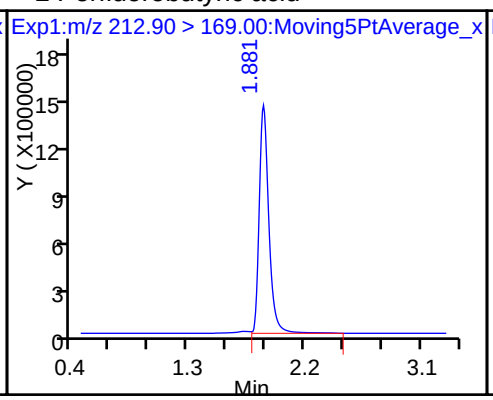
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

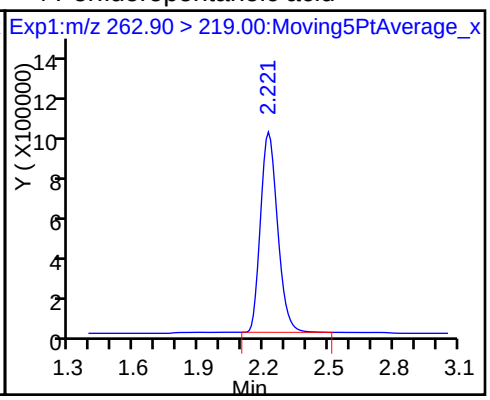
D 1 13C4 PFBA



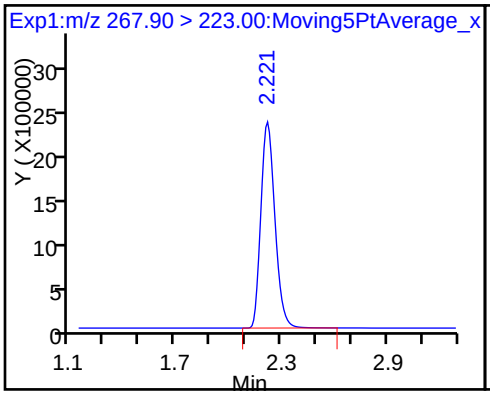
2 Perfluorobutyric acid



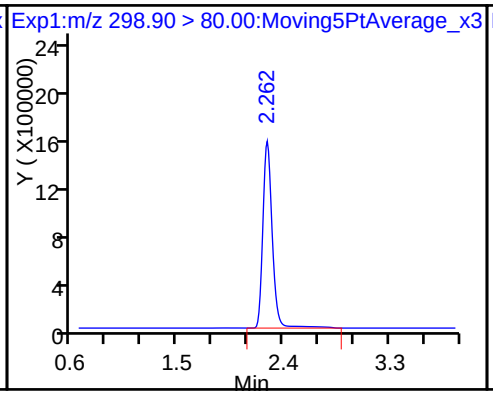
4 Perfluoropentanoic acid



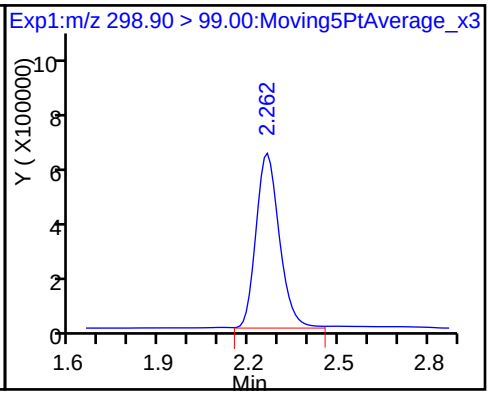
D 3 13C5-PFPeA



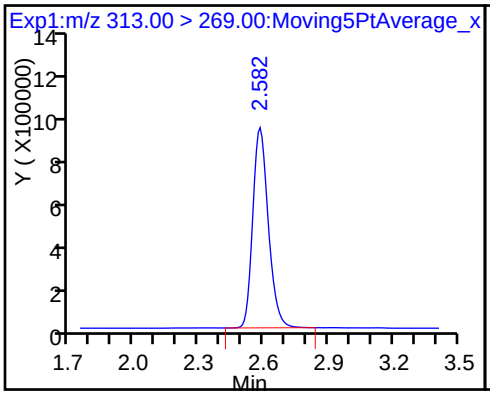
5 Perfluorobutanesulfonic acid



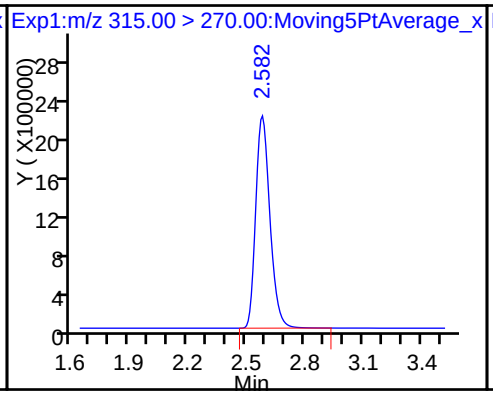
5 Perfluorobutanesulfonic acid



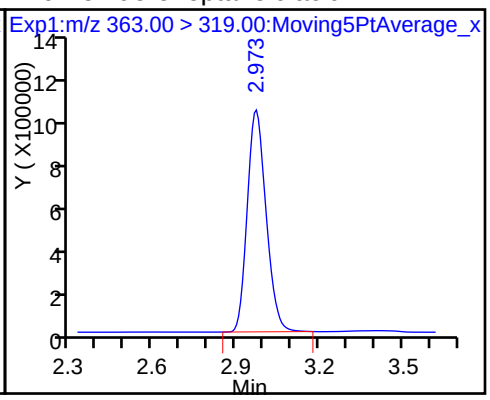
6 Perfluorohexanoic acid



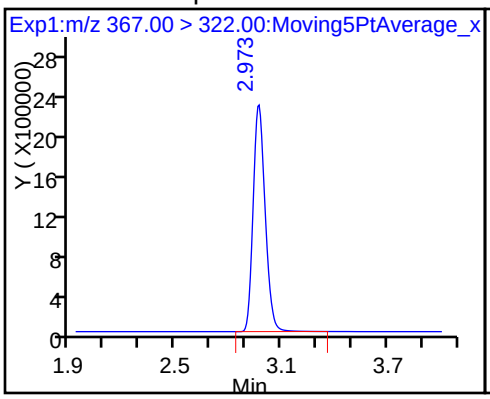
D 7 13C2 PFHxA



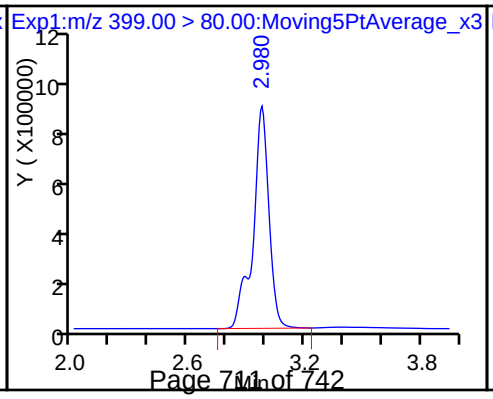
10 Perfluoroheptanoic acid



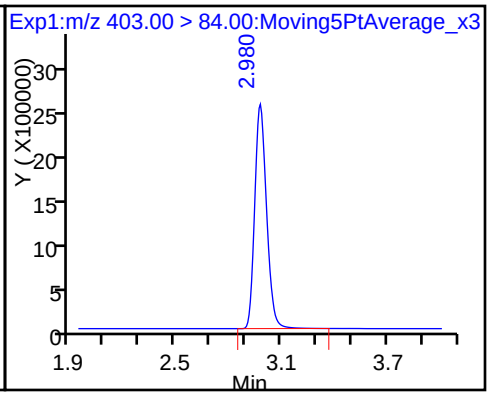
D 9 13C4-PFHpA



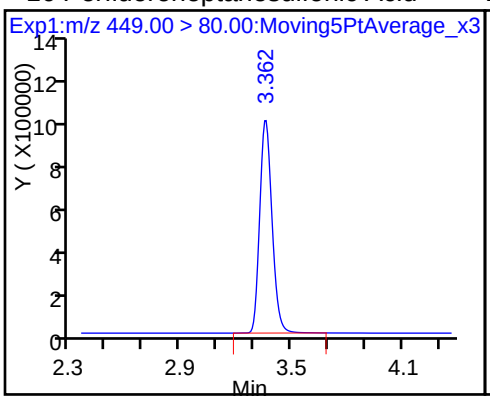
8 Perfluorohexanesulfonic acid



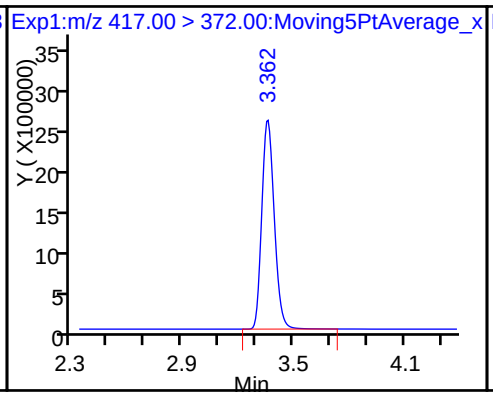
D 11 18O2 PFHxS



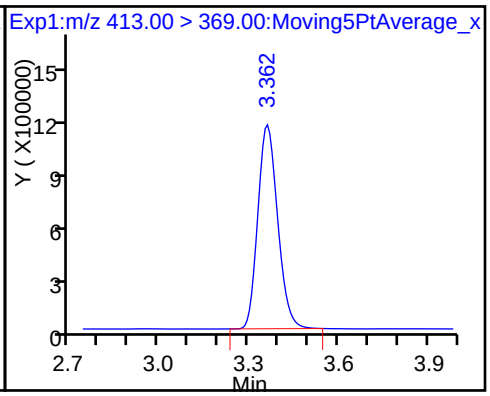
16 Perfluoroheptanesulfonic Acid



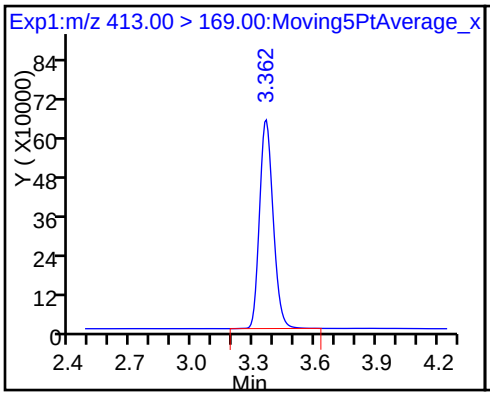
D 14 13C4 PFOA



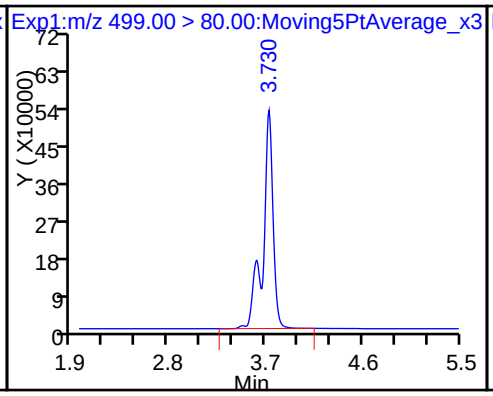
15 Perfluorooctanoic acid



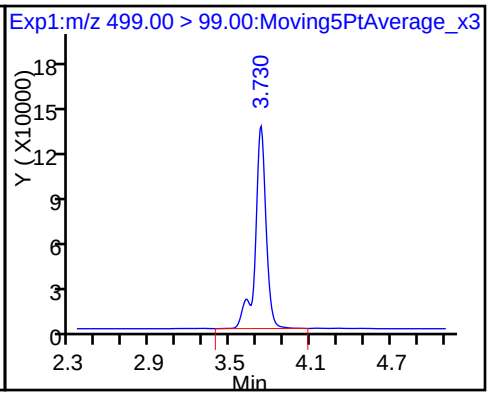
15 Perfluorooctanoic acid



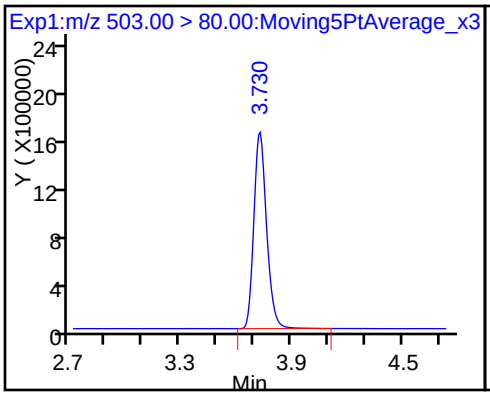
17 Perfluorooctane sulfonic acid



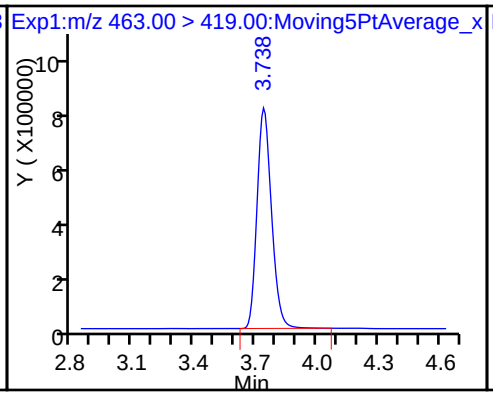
17 Perfluorooctane sulfonic acid



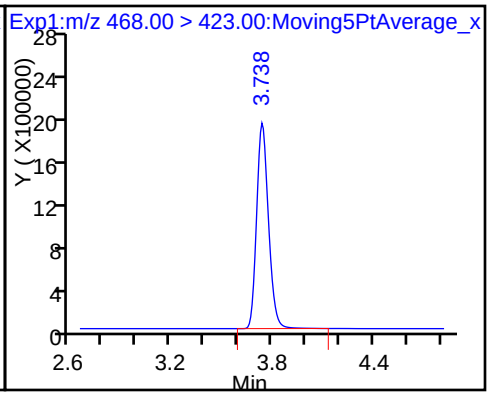
D 18 13C4 PFOS



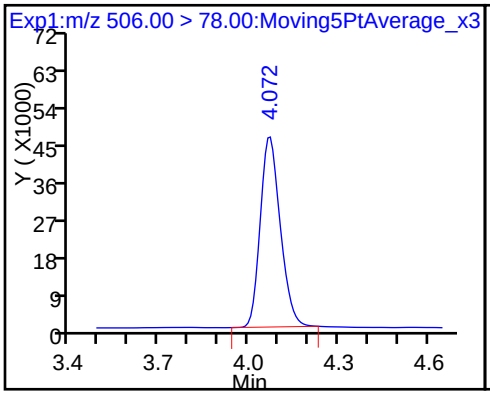
20 Perfluorononanoic acid



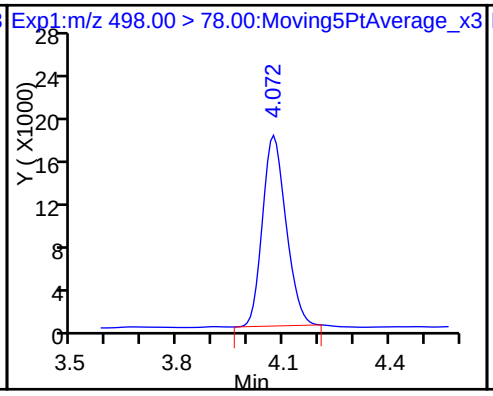
D 19 13C5 PFNA



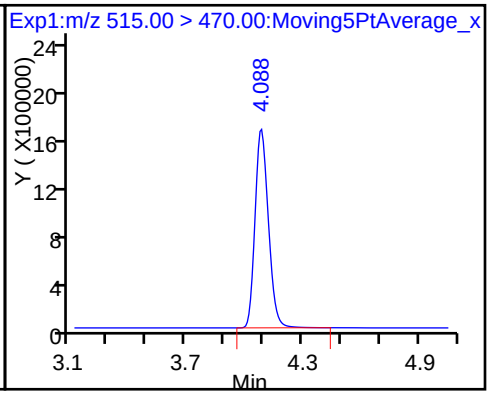
D 21 13C8 FOSA



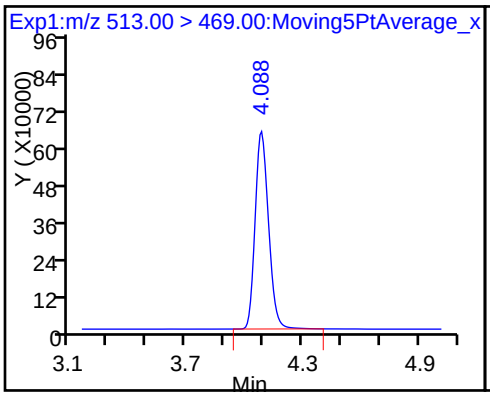
22 Perfluorooctane Sulfonamide



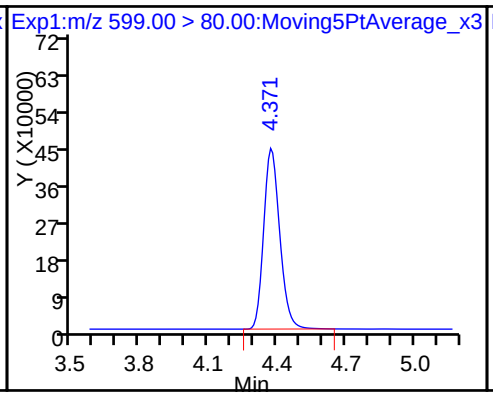
D 23 13C2 PFDA



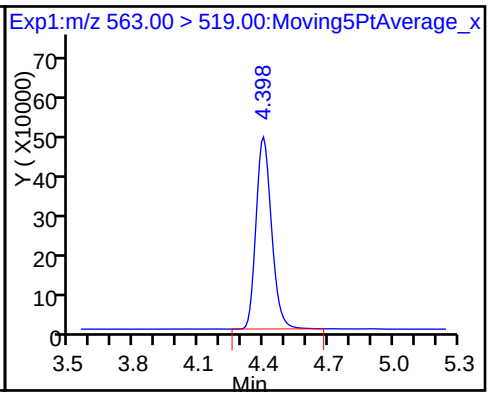
24 Perfluorodecanoic acid



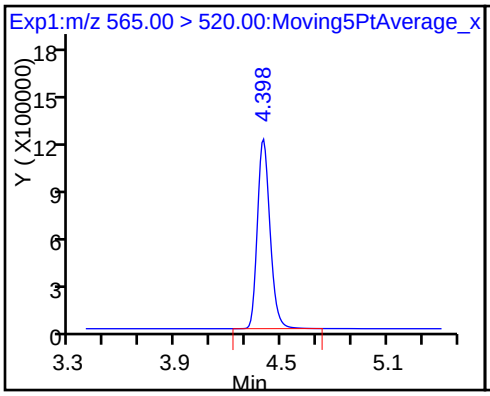
29 Perfluorodecane Sulfonic acid



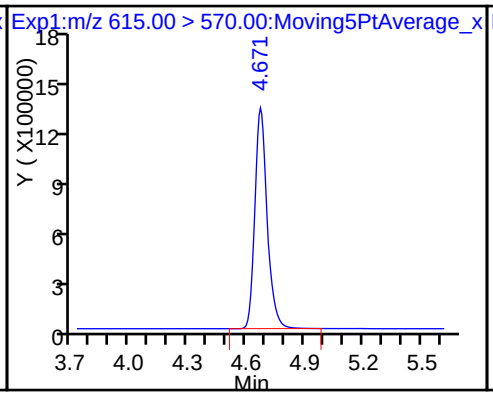
31 Perfluoroundecanoic acid



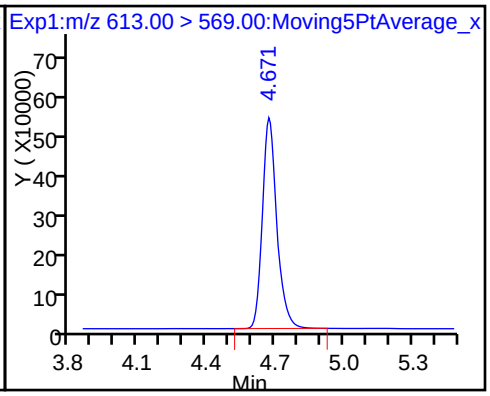
D 30 13C2 PFUnA



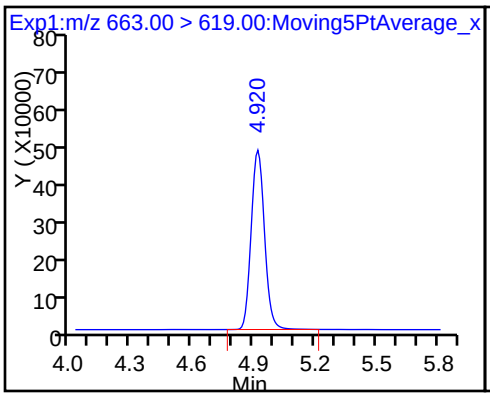
D 36 13C2 PFDoA



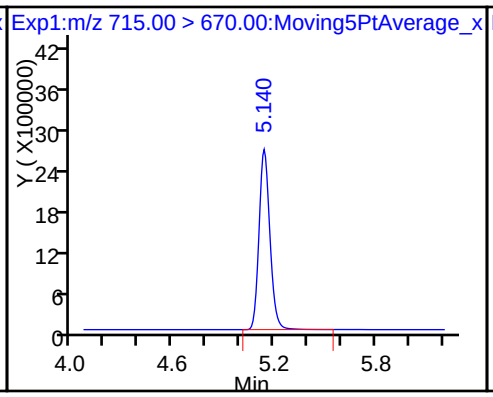
37 Perfluorododecanoic acid



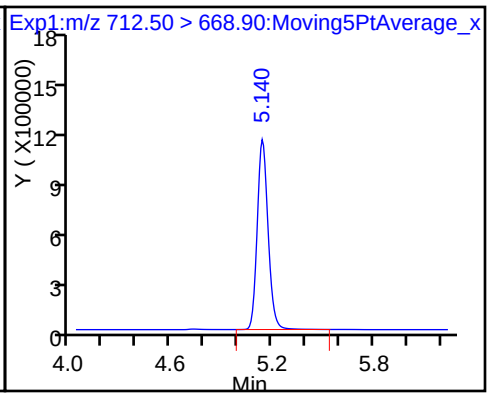
41 Perfluorotridecanoic acid



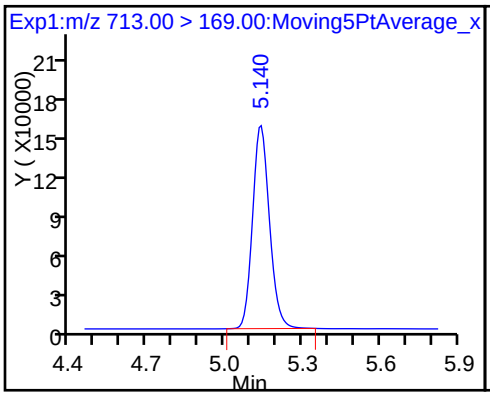
D 43 13C2-PFTeDA



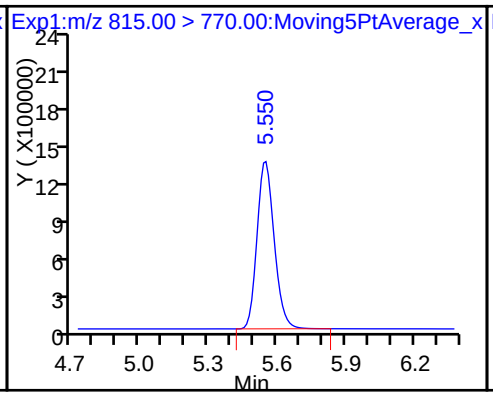
42 Perfluorotetradecanoic acid



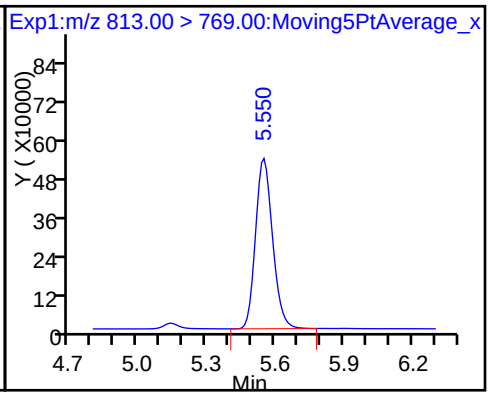
42 Perfluorotetradecanoic acid



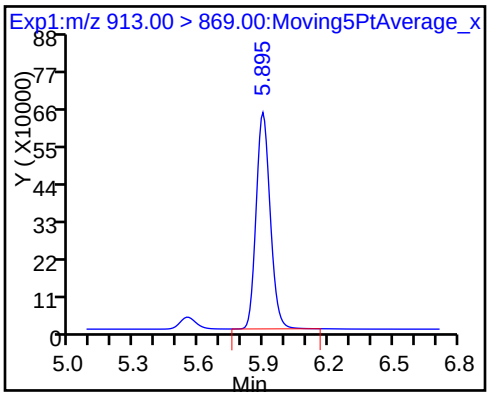
D 44 13C2-PFHxDA



45 Perfluorohexadecanoic acid



46 Perfluorooctadecanoic acid



FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 320-168463/3-A

Matrix: Water Lab File ID: 2017.06.13B_003.d

Analysis Method: 537 (Modified) Date Collected:

Extraction Method: 3535 Date Extracted: 06/09/2017 10:13

Sample wt/vol: 250(mL) Date Analyzed: 06/13/2017 11:54

Con. Extract Vol.: 0.5(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 169055 Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	39.9		2.5	2.0	0.75
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	37.1		4.0	3.0	1.3
375-73-5	Perfluorobutanesulfonic acid (PFBS)	39.1		2.5	2.0	0.92

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	125		25-150
STL00991	13C4 PFOS	114		25-150
STL00994	18O2 PFHxS	118		25-150

TestAmerica Sacramento
Target Compound Quantitation Report

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170613-44222.b\2017.06.13B_003.d
Lims ID: LCSD 320-168463/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 13-Jun-2017 11:54:13 ALS Bottle#: 2 Worklist Smp#: 3
Injection Vol: 2.0 ul Dil. Factor: 1.0000
Sample Info: lcsd 320-168463/3-a
Misc. Info.: Plate: 1 Rack: 4
Operator ID: SACINSTLCMS01 Instrument ID: A8_N

Method: \\ChromNa\Sacramento\ChromData\A8_N\20170613-44222.b\A8_N.m
Limit Group: LC PFC_DOD ICAL
Last Update: 13-Jun-2017 14:15:20 Calib Date: 11-Jun-2017 15:42:06
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\ChromNA\Sacramento\ChromData\A8_N\20170611-44123.b\2017.06.11AA_009.d

Column 1 : Det: EXP1
Process Host: XAWRK015

First Level Reviewer: chandrasenas Date: 13-Jun-2017 13:55:58

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	1.857	1.850	0.007		18778182	51.0		102	169605	
5 Perfluorobutyric acid										
212.90 > 169.00	1.857	1.850	0.007	1.000	7846717	23.1		115	1758	
7 Perfluoropentanoic acid										
262.90 > 219.00	2.189	2.190	-0.001	1.000	6106636	20.4		102	2790	
D 6 13C5-PFPeA										
267.90 > 223.00	2.189	2.190	-0.001		14360795	54.8		110	91960	
D 8 13C3-PFBS										
301.90 > 83.00	2.230	2.231	-0.001		343046	NC			7012	
9 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.230	2.231	-0.001	1.000	9756301	19.6		111	95733	
298.90 > 99.00	2.230	2.231	-0.001	1.000	3853148		2.53(0.00-0.00)		12633	
13 Perfluorohexanoic acid										
313.00 > 269.00	2.556	2.548	0.008	1.000	5076018	18.5		92.7	6575	
D 12 13C2 PFHxA										
315.00 > 270.00	2.556	2.548	0.008		13607967	55.9		112	54191	
15 Perfluoroheptanoic acid										
363.00 > 319.00	2.943	2.937	0.006	1.000	5618791	20.5		102	2519	
D 14 13C4-PFHpA										
367.00 > 322.00	2.943	2.937	0.006		12994570	58.6		117	71521	
D 16 18O2 PFHxS										
403.00 > 84.00	2.950	2.944	0.006		13615179	56.0		118	39786	
17 Perfluorohexanesulfonic acid										
399.00 > 80.00	2.950	2.944	0.006	1.000	5744438	18.0		98.9	1801	
23 Perfluorooctanoic acid										
413.00 > 369.00	3.338	3.331	0.007	1.000	5970537	20.0		99.8	2067	
413.00 > 169.00	3.338	3.331	0.007	1.000	3393840		1.76(0.90-1.10)		6029	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
21 Perfluoroheptanesulfonic Acid										
449.00 > 80.00	3.338	3.331	0.007	1.000	5227536	22.4		118	38291	
D 20 13C4 PFOA										
417.00 > 372.00	3.338	3.331	0.007		13966279	62.7		125	62392	
D 24 13C4 PFOS										
503.00 > 80.00	3.703	3.695	0.008		9128759	54.5		114	29728	
25 Perfluorooctane sulfonic acid										
499.00 > 80.00	3.712	3.695	0.017	1.000	3843523	18.6		100	6358	
499.00 > 99.00	3.703	3.695	0.008	0.998	863029		4.45(0.90-1.10)		3727	
27 Perfluorononanoic acid										
463.00 > 419.00	3.720	3.712	0.008	1.000	4171804	20.5		102	5601	
D 26 13C5 PFNA										
468.00 > 423.00	3.720	3.712	0.008		10402330	56.9		114	47816	
29 Perfluorooctane Sulfonamide										
498.00 > 78.00	4.036	4.029	0.007	1.000	104229	20.4		102	1012	
D 28 13C8 FOSA										
506.00 > 78.00	4.036	4.029	0.007		262359	1.00		2.0	1711	
33 Perfluorodecanoic acid										
513.00 > 469.00	4.069	4.062	0.007	1.000	3457582	20.8		104	8790	
D 31 13C2 PFDA										
515.00 > 470.00	4.069	4.062	0.007		8625413	55.6		111	32513	
36 Perfluorodecane Sulfonic acid										
599.00 > 80.00	4.358	4.350	0.008	1.000	2160710	18.6		96.3	10957	
39 Perfluoroundecanoic acid										
563.00 > 519.00	4.377	4.377	0.0	1.000	2661819	18.9		94.5	5749	
D 37 13C2 PFUnA										
565.00 > 520.00	4.377	4.377	0.0		6557251	58.8		118	18559	
D 43 13C2 PFDoA										
615.00 > 570.00	4.654	4.648	0.006		6139857	53.5		107	13923	
44 Perfluorododecanoic acid										
613.00 > 569.00	4.654	4.655	-0.001	1.000	2431393	21.1		106	5035	
47 Perfluorotridecanoic acid										
663.00 > 619.00	4.906	4.906	0.0	1.000	2182081	19.2		96.2	5789	
49 Perfluorotetradecanoic acid										
712.50 > 668.90	5.128	5.127	0.001	1.000	4791172	19.1		95.4	7209	
713.00 > 169.00	5.128	5.127	0.001	1.000	671265		7.14(0.00-0.00)		4781	
D 48 13C2-PFTeDA										
715.00 > 670.00	5.128	5.127	0.001		11217267	51.1		102	11914	
D 50 13C2-PFHxDA										
815.00 > 770.00	5.544	5.540	0.004		7402429	55.0		110	5490	
51 Perfluorohexadecanoic acid										
813.00 > 769.00	5.544	5.551	-0.007	1.000	2825677	21.8		109	654	
52 Perfluorooctadecanoic acid										
913.00 > 869.00	5.904	5.896	0.008	1.000	2962223	23.6		118	437	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Report Date: 13-Jun-2017 14:15:28 Chrom Revision: 2.2 12-Jun-2017 15:21:46

TestAmerica Sacramento

Data File: \\ChromNa\Sacramento\ChromData\A8_N\20170613-44222.b\2017.06.13B_003.d

Injection Date: 13-Jun-2017 11:54:13 Instrument ID: A8_N

Lims ID: LCSD 320-168463/3-A

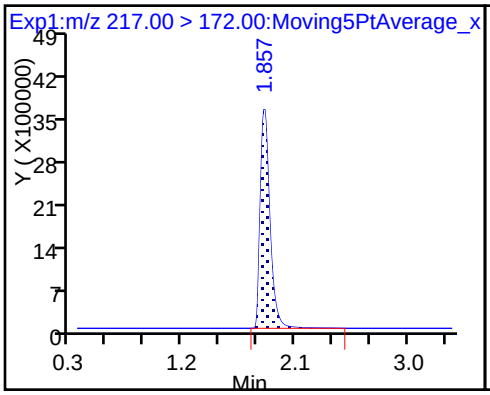
Client ID:

Operator ID: SACINSTLCMS01 ALS Bottle#: 2 Worklist Smp#: 3

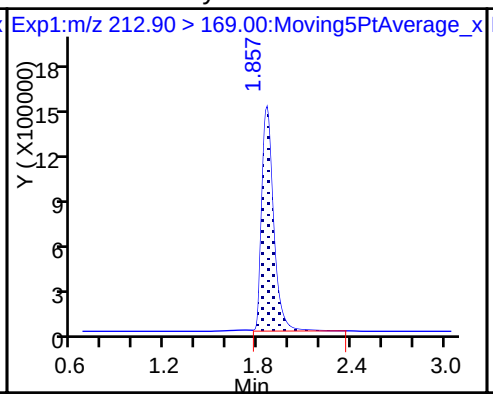
Injection Vol: 2.0 ul Dil. Factor: 1.0000

Method: A8_N Limit Group: LC PFC_DOD ICAL

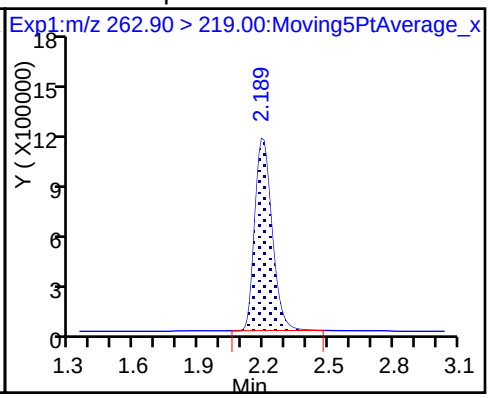
D 1 13C4 PFBA



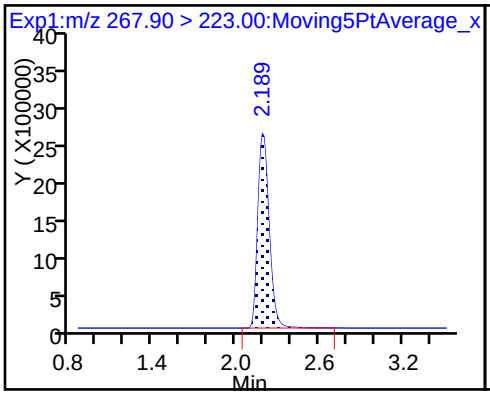
5 Perfluorobutyric acid



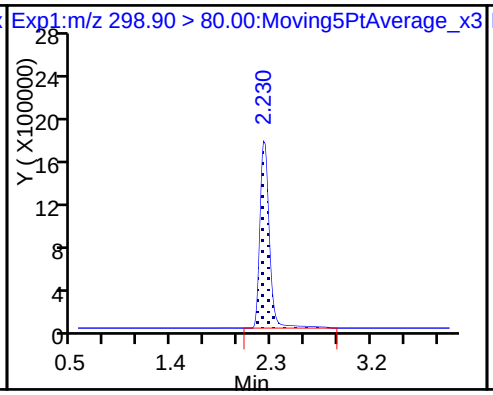
7 Perfluoropentanoic acid



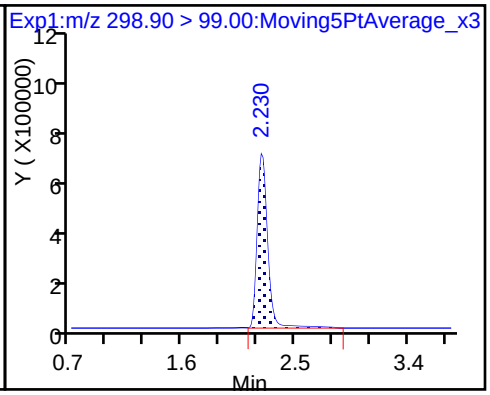
D 6 13C5-PFPeA



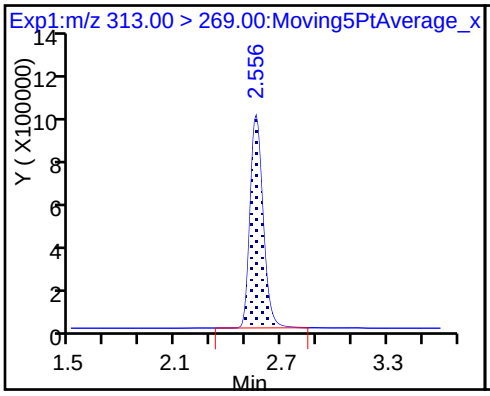
9 Perfluorobutanesulfonic acid



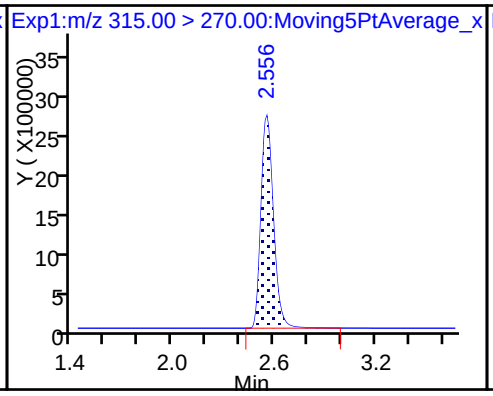
9 Perfluorobutanesulfonic acid



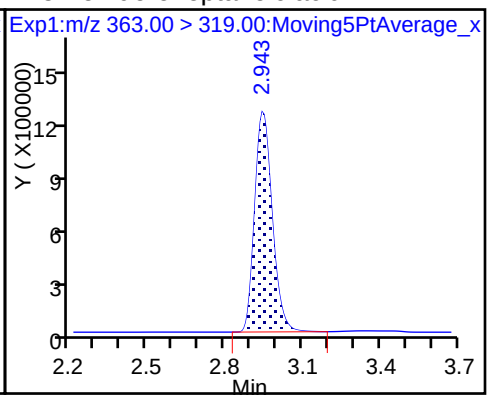
13 Perfluorohexanoic acid



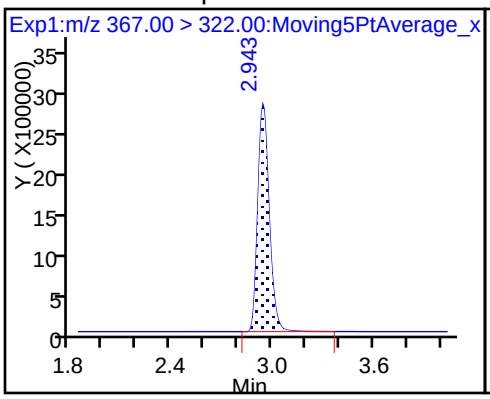
D 12 13C2 PFHxA



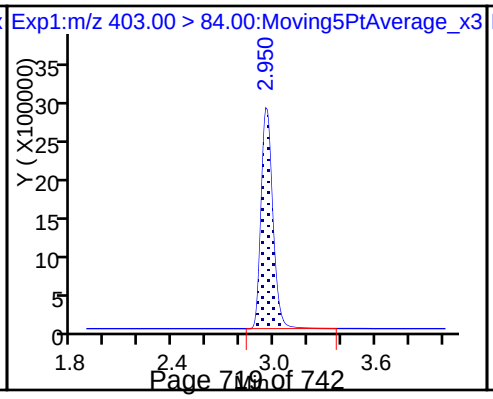
15 Perfluoroheptanoic acid



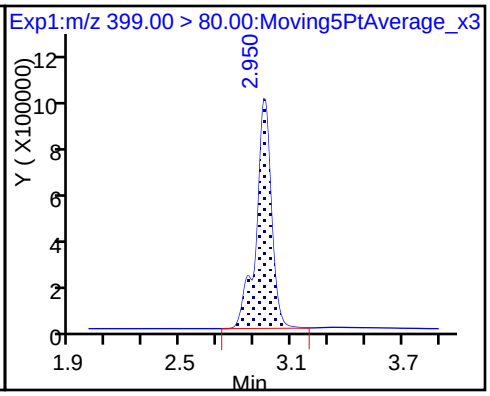
D 14 13C4-PFHpA



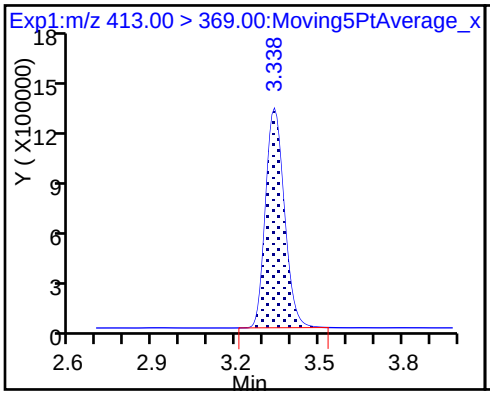
D 16 18O2 PFHxS



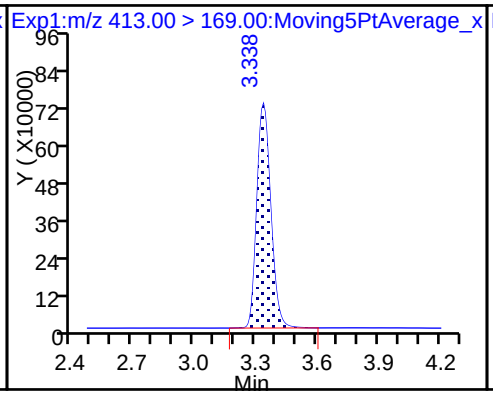
17 Perfluorohexanesulfonic acid



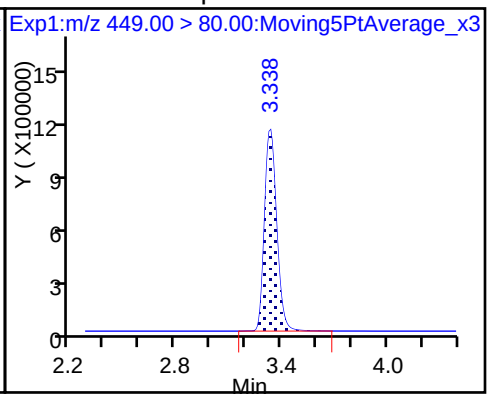
23 Perfluorooctanoic acid



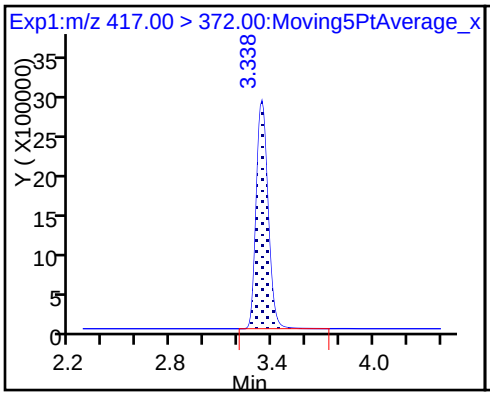
23 Perfluorooctanoic acid



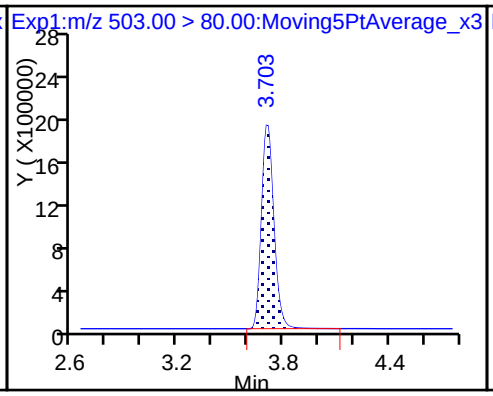
21 Perfluoroheptanesulfonic Acid



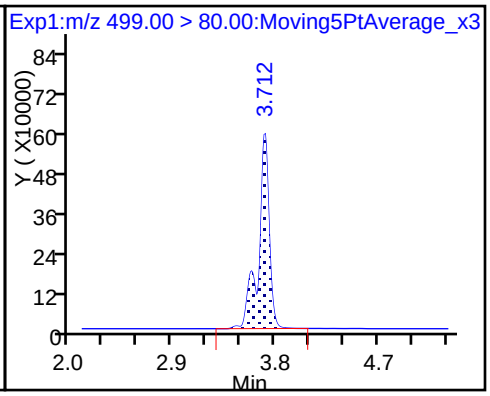
D 20 13C4 PFOA



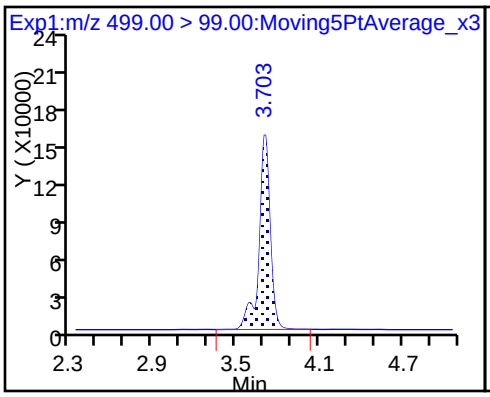
D 24 13C4 PFOS



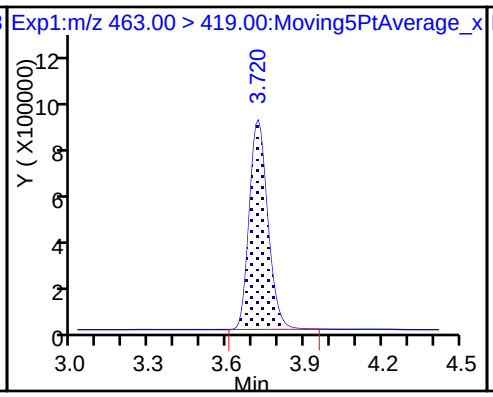
25 Perfluorooctane sulfonic acid



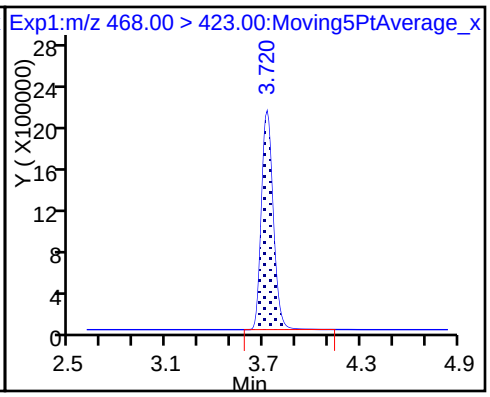
25 Perfluorooctane sulfonic acid



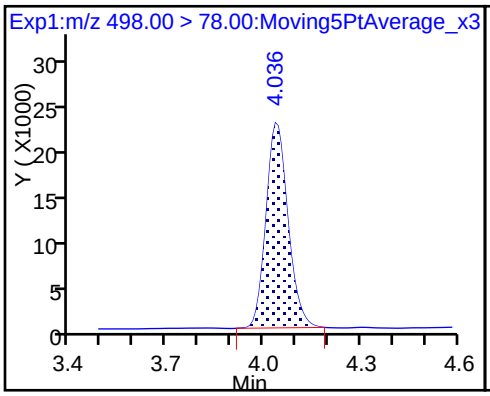
27 Perfluorononanoic acid



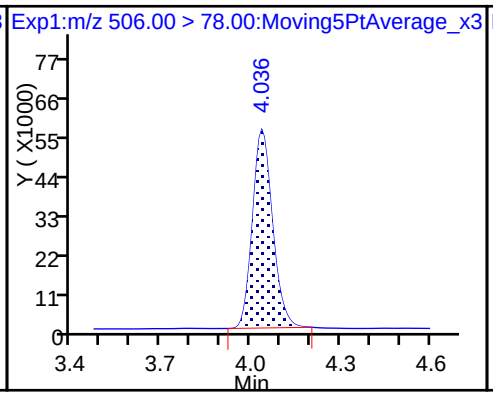
D 26 13C5 PFNA



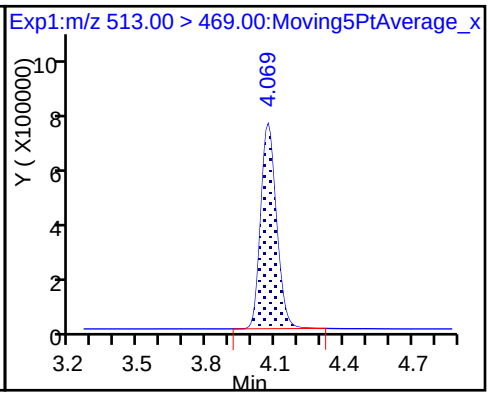
29 Perfluorooctane Sulfonamide



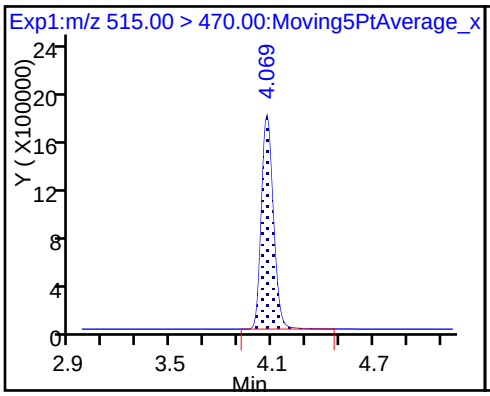
D 28 13C8 FOSA



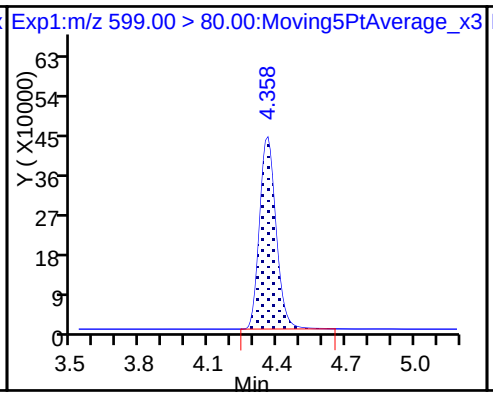
33 Perfluorodecanoic acid



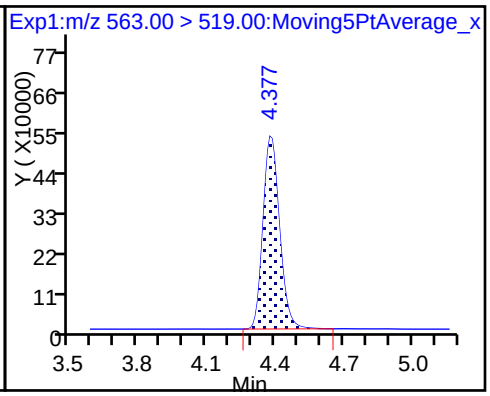
D 31 13C2 PFDA



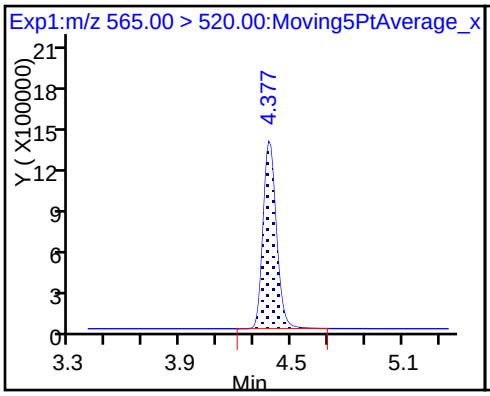
36 Perfluorodecane Sulfonic acid



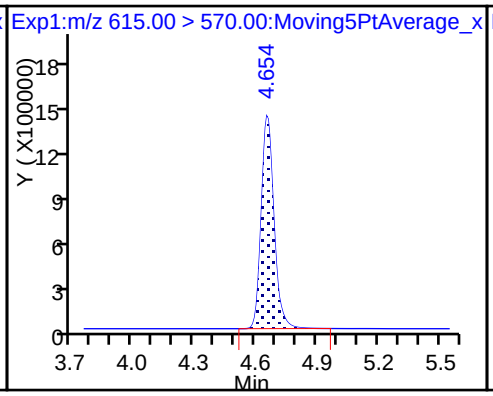
39 Perfluoroundecanoic acid



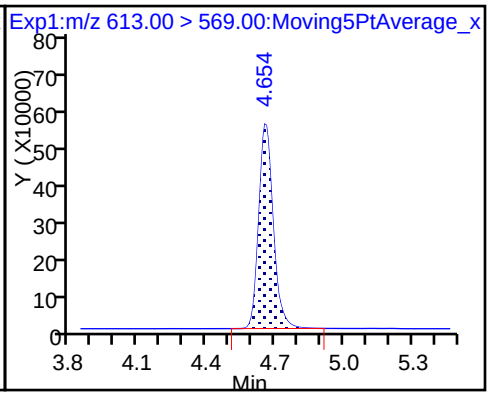
D 37 13C2 PFUnA



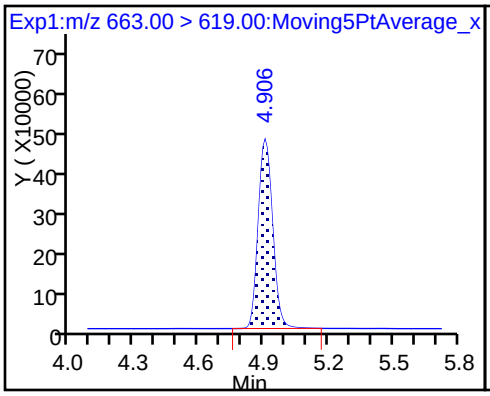
D 43 13C2 PFDoA



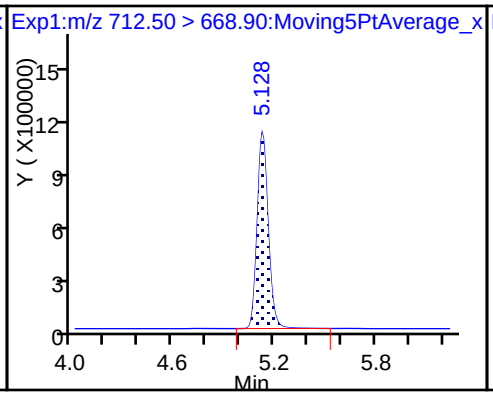
44 Perfluorododecanoic acid



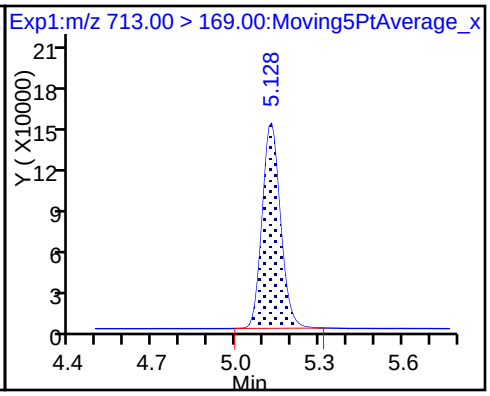
47 Perfluorotridecanoic acid



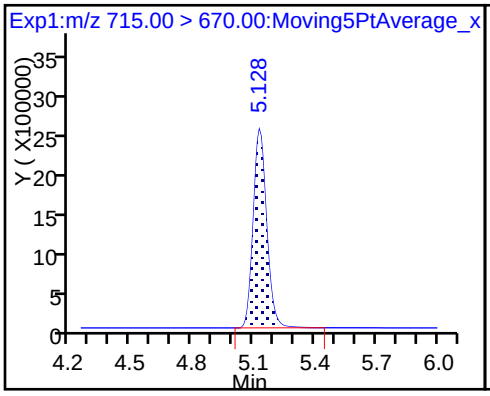
49 Perfluorotetradecanoic acid



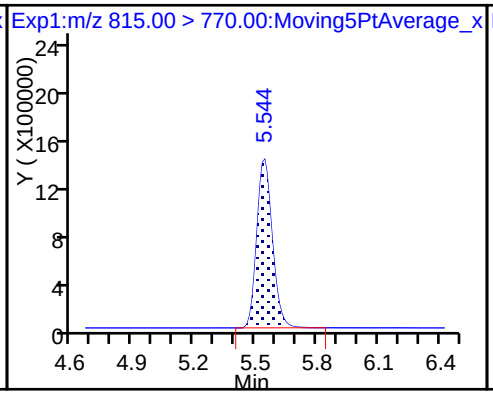
49 Perfluorotetradecanoic acid



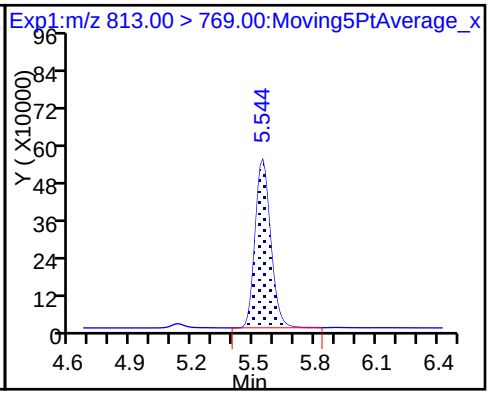
D 48 13C2-PFTeDA



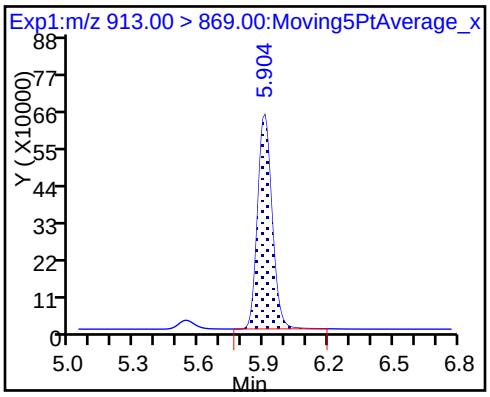
D 50 13C2-PFHxDA



51 Perfluorohexadecanoic acid



52 Perfluorooctadecanoic acid



LCMS ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Instrument ID: A8_N Start Date: 06/06/2017 13:31

Analysis Batch Number: 167755 End Date: 06/06/2017 14:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 320-167755/2		06/06/2017 13:31	1	2017.06.06CURVE 003.d	GeminiC18 3x100 3(mm)
IC 320-167755/3		06/06/2017 13:39	1	2017.06.06CURVE 004.d	GeminiC18 3x100 3(mm)
IC 320-167755/4		06/06/2017 13:47	1	2017.06.06CURVE 005.d	GeminiC18 3x100 3(mm)
IC 320-167755/5		06/06/2017 13:55	1	2017.06.06CURVE 006.d	GeminiC18 3x100 3(mm)
IC 320-167755/6		06/06/2017 14:02	1	2017.06.06CURVE 007.d	GeminiC18 3x100 3(mm)
IC 320-167755/7		06/06/2017 14:10	1	2017.06.06CURVE 008.d	GeminiC18 3x100 3(mm)
IC 320-167755/8		06/06/2017 14:18	1	2017.06.06CURVE 009.d	GeminiC18 3x100 3(mm)
IC 320-167755/9		06/06/2017 14:25	1	2017.06.06CURVE 010.d	GeminiC18 3x100 3(mm)
ICB 320-167755/10		06/06/2017 14:33	1		GeminiC18 3x100 3(mm)
ICV 320-167755/11		06/06/2017 14:41	1	2017.06.06CURVE 012.d	GeminiC18 3x100 3(mm)

537 (Modified)

LCMS ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Instrument ID: A8_N Start Date: 06/11/2017 02:12

Analysis Batch Number: 168680 End Date: 06/11/2017 05:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVL 320-168680/1		06/11/2017 02:12	1	2017.06.10B_004.d	GeminiC18 3x100 3(mm)
CCV 320-168680/2		06/11/2017 02:20	1		GeminiC18 3x100 3(mm)
ZZZZZ		06/11/2017 02:28	1		GeminiC18 3x100 3(mm)
CCV 320-168680/14		06/11/2017 03:52	1		GeminiC18 3x100 3(mm)
CCV 320-168680/23		06/11/2017 05:02	1		GeminiC18 3x100 3(mm)

537 (Modified)

LCMS ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Instrument ID: A8_N Start Date: 06/11/2017 05:02

Analysis Batch Number: 168683 End Date: 06/11/2017 08:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 320-168683/1		06/11/2017 05:02	1	2017.06.10B_026.d	GeminiC18 3x100 3(mm)
ZZZZZ		06/11/2017 05:10	1		GeminiC18 3x100 3(mm)
LCS 320-168463/2-A		06/11/2017 05:17	1	2017.06.10B_028.d	GeminiC18 3x100 3(mm)
ZZZZZ		06/11/2017 05:25	1		GeminiC18 3x100 3(mm)
RINSE 320-168683/10		06/11/2017 06:11	1		GeminiC18 3x100 3(mm)
RINSE 320-168683/11		06/11/2017 06:19	1		GeminiC18 3x100 3(mm)
CCV 320-168683/12		06/11/2017 06:27	1	2017.06.10B_037.d	GeminiC18 3x100 3(mm)
RINSE 320-168683/15		06/11/2017 06:50	1		GeminiC18 3x100 3(mm)
RINSE 320-168683/16		06/11/2017 06:57	1		GeminiC18 3x100 3(mm)
320-28800-1		06/11/2017 07:05	1	2017.06.10B_042.d	GeminiC18 3x100 3(mm)
320-28800-2		06/11/2017 07:13	1	2017.06.10B_043.d	GeminiC18 3x100 3(mm)
RINSE 320-168683/19		06/11/2017 07:21	1		GeminiC18 3x100 3(mm)
RINSE 320-168683/20		06/11/2017 07:28	1		GeminiC18 3x100 3(mm)
CCV 320-168683/21		06/11/2017 07:36	1	2017.06.10B_046.d	GeminiC18 3x100 3(mm)
RINSE 320-168683/27		06/11/2017 08:22	1		GeminiC18 3x100 3(mm)
RINSE 320-168683/28		06/11/2017 08:30	1		GeminiC18 3x100 3(mm)
CCV 320-168683/29		06/11/2017 08:38	1		GeminiC18 3x100 3(mm)

537 (Modified)

LCMS ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Instrument ID: A8_N Start Date: 06/11/2017 14:55

Analysis Batch Number: 168697 End Date: 06/11/2017 16:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 320-168697/3		06/11/2017 14:55	1	2017.06.11AA_003.d	GeminiC18 3x100 3(mm)
IC 320-168697/4		06/11/2017 15:03	1	2017.06.11AA_004.d	GeminiC18 3x100 3(mm)
IC 320-168697/5		06/11/2017 15:11	1	2017.06.11AA_005.d	GeminiC18 3x100 3(mm)
IC 320-168697/6		06/11/2017 15:19	1	2017.06.11AA_006.d	GeminiC18 3x100 3(mm)
IC 320-168697/7		06/11/2017 15:26	1	2017.06.11AA_007.d	GeminiC18 3x100 3(mm)
IC 320-168697/8		06/11/2017 15:34	1	2017.06.11AA_008.d	GeminiC18 3x100 3(mm)
IC 320-168697/9		06/11/2017 15:42	1	2017.06.11AA_009.d	GeminiC18 3x100 3(mm)
IC 320-168697/10		06/11/2017 15:49	1	2017.06.11AA_010.d	GeminiC18 3x100 3(mm)
ICB 320-168697/11		06/11/2017 15:57	1		GeminiC18 3x100 3(mm)
ICV 320-168697/12		06/11/2017 16:05	1	2017.06.11AA_012.d	GeminiC18 3x100 3(mm)

537 (Modified)

LCMS ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Instrument ID: A8_N Start Date: 06/13/2017 08:49

Analysis Batch Number: 169024 End Date: 06/13/2017 08:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVL 320-169024/1		06/13/2017 08:49	1	2017.06.13A_004.d	GeminiC18 3x100 3(mm)

537 (Modified)

LCMS ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Instrument ID: A8_N Start Date: 06/13/2017 11:38

Analysis Batch Number: 169055 End Date: 06/13/2017 12:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 320-169055/1		06/13/2017 11:38	1	2017.06.13B_001.d	GeminiC18 3x100 3(mm)
MB 320-168463/1-A		06/13/2017 11:46	1	2017.06.13B_002.d	GeminiC18 3x100 3(mm)
LCSD 320-168463/3-A		06/13/2017 11:54	1	2017.06.13B_003.d	GeminiC18 3x100 3(mm)
CCV 320-169055/11		06/13/2017 12:55	1	2017.06.13B_011.d	GeminiC18 3x100 3(mm)

537 (Modified)

LCMS BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 320-28800-1

SDG No.:

Batch Number: 168463 Batch Start Date: 06/09/17 10:13 Batch Analyst: Branscum, Cassie

Batch Method: 3535 Batch End Date: 06/09/17 21:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	LCMPFCSU 00072	LCPFCSP 00092
MB 320-168463/1		3535, 537 (Modified)				250 mL	0.5 mL	500 uL	
LCS 320-168463/2		3535, 537 (Modified)				250 mL	0.5 mL	500 uL	500 uL
LCSD 320-168463/3		3535, 537 (Modified)				250 mL	0.5 mL	500 uL	500 uL
320-28800-A-1	GroutTruck_Blank 2	3535, 537 (Modified)	T	271.80 g	28.69 g	243.1 mL	0.5 mL	500 uL	
320-28800-A-2	ATVRig_Blank	3535, 537 (Modified)	T	268.54 g	27.08 g	241.5 mL	0.5 mL	500 uL	

Batch Notes	
Balance ID	QA-070
H2O ID	6/9/17
Hexane ID	939388
Manifold ID	2
Methanol ID	944980
Sodium Hydroxide ID	947164
Pipette ID	N32655F
Analyst ID - Reagent Drop	CCB
Analyst ID - SU Reagent Drop	CCB
Analyst ID - SU Reagent Drop Witness	NSH
Solvent Lot #	946942
Solvent Name	0.3% NH4OH/MeOH
SOP Number	WS-LC-0025
SPE Cartridge Type	WAX 500mg
Solid Phase Extraction Disk ID	003137033A

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): 28800; 480-118982 Work List ID(s): 44116; 44222

Extraction Batch: 168463 Analysis Batch(es): 168684; 169056 168683, 169055

Delivery Rank 2; 4 Due Date: 6/9/17; 6/14/17

A. Calibration/Instrument Run QC 168697; 168700	1st Level	2nd Level	N/A
1. ICAL locked in Chrom and TALS? ICAL Batch# 167755; 167758;	✓	✓	
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: 6/13/17

2nd Level Reviewer: [signature] Date: 6/14/17

NCMs: 90477; 90481; 90485; 89867; 90491; 90602

TestAmerica Laboratories
Worklist QC Batch Report

Worklist Name: 10JUN2017E_PFC Worklist Number: 44116
Instrument Name: A8_N Chrom Method: A8_N
Data Directory: \\ChromNa\Sacramento\ChromData\A8_N\20170611-44116.b
QC Batching: Disabled Limit Group Batching: Enabled

QC Batch. 1	LC PFC_DOD ICAL Raw Batch: 168683	LC PFC ICAL Raw Batch: 168684	LC PFAS ICAL Raw Batch: 168685
# 1 CCV L4	# 1 CCV L4	# 1 CCV L4	use 169056
# 2 MB 320-168463/1-A	# 2 MB 320-168463/1-A RI	# 2 MB 320-168463/1-A	
# 3 LCS 320-168463/2-A	# 3 LCS 320-168463/2-A	# 3 LCS 320-168463/2-A	
# 4 LCSD 320-168463/3-A	# 4 LCSD 320-168463/3-A RI	# 4 LCSD 320-168463/3-A	
# 5 480-118982-A-1-A 10X	↳ use RI in 169055	# 5 480-118982-A-1-A	# 5 480-118982-A-1-A
# 6 480-118982-A-2-A 10X		# 6 480-118982-A-2-A	# 6 480-118982-A-2-A
# 7 480-118982-B-2-A MS 10X		# 7 480-118982-B-2-A MS	# 7 480-118982-B-2-A MS
# 8 480-118982-B-2-B MSD 10X		# 8 480-118982-B-2-B MSD	# 8 480-118982-B-2-B MSD
# 9 480-118982-A-3-A 10X		# 9 480-118982-A-3-A	# 9 480-118982-A-3-A
#10 RINSE	#10 RINSE	#10 RINSE	
#11 RINSE	#11 RINSE	#11 RINSE	
#12 CCV L5	#12 CCV L5	#12 CCV L5	
#13 480-118982-B-4-A 10X		#13 480-118982-B-4-A	#13 480-118982-B-4-A
#14 480-118982-A-5-A 10X		#14 480-118982-A-5-A	#14 480-118982-A-5-A
#15 RINSE	#15 RINSE	#15 RINSE	
#16 RINSE	#16 RINSE	#16 RINSE	
#17 320-28800-A-1-A 10x 8Bc	#17 320-28800-A-1-A		
#18 320-28800-A-2-A 10x 6/12	#18 320-28800-A-2-A		
#19 RINSE	#19 RINSE	#19 RINSE	
#20 RINSE	#20 RINSE	#20 RINSE	
#21 CCV L4	#21 CCV L4	#21 CCV L4	
#22 MB 320-167556/1-A RI		#22 MB 320-167556/1-A	
#23 LCS 320-167556/2-A		#23 LCS 320-167556/2-A	
#24 LCSD 320-167556/3-A		#24 LCSD 320-167556/3-A	
#25 320-28754-A-1-A all ND; Prep @ Sailer DL maybe		#25 320-28754-A-1-A	#25 320-28754-A-1-A
#26 320-28754-A-2-A		#26 320-28754-A-2-A	#26 320-28754-A-2-A
#27 RINSE	#27 RINSE	#27 RINSE	
#28 RINSE	#28 RINSE	#28 RINSE	
#29 CCV L5	#29 CCV L5	#29 CCV L5	

ccvl 168680 168681

TestAmerica Laboratories
Worklist QC Batch Report

Worklist Name: 13JUN2017C_PFC Worklist Number: 44222
Instrument Name: A8_N Chrom Method: A8_N
Data Directory: \\ChromNa\Sacramento\ChromData\A8_N\20170613-44222.b
QC Batching: Disabled Limit Group Batching: Enabled

QC Batch 1	LC PFC_DOD ICAL Raw Batch 169055	LC PFC ICAL Raw Batch 169056	LC PFAS ICAL Raw Batch 169057
# 1 CCV L4	# 1 CCV L4	# 1 CCV L4	
# 2 MB 320-168463/1-A	# 2 MB 320-168463/1-A	# 2 MB 320-168463/1-A	
# 3 LCSD 320-168463/3-A	# 3 LCSD 320-168463/3-A	# 3 LCSD 320-168463/3-A	
# 4 480-118982-A-1-A		# 4 480-118982-A-1-A	# 4 480-118982-A-1-A
# 5 480-118982-A-2-A		# 5 480-118982-A-2-A	# 5 480-118982-A-2-A
# 6 480-118982-B-2-A MS		# 6 480-118982-B-2-A MS	# 6 480-118982-B-2-A MS
# 7 480-118982-B-2-B MSD		# 7 480-118982-B-2-B MSD	# 7 480-118982-B-2-B MSD
# 8 480-118982-A-3-A		# 8 480-118982-A-3-A	# 8 480-118982-A-3-A
# 9 480-118982-B-4-A		# 9 480-118982-B-4-A	# 9 480-118982-B-4-A
#10 480-118982-A-5-A		#10 480-118982-A-5-A	#10 480-118982-A-5-A
#11 CCV L5	#11 CCV L5	#11 CCV L5	

169024 RL, matrix 90477 CCVL 169025
RL, DL 90481
FOSA low 90485
Tune 89867
90491

T

Aqueous Extraction Analysis Sheet

(To Accompany Samples to Instruments)

AS 6/10/17
6/13/17

Batch Number: 320-168463

Method Code: 320-3535_PFC-320

Analyst: Branscum, Cassie

Batch Open: 6/9/2017 10:13:00AM

Batch End: 6/9/2017 9:20:00PM

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	Dlv Rank	Comments	Output Sample Lab ID
1	MB-320-168463/1 N/A	N/A		250 mL				N/A	N/A	N/A	RI DOD IDA	MB 320-168463/1-A
				0.5 mL								
2	LCS-320-168463/2 N/A	N/A		250 mL				N/A	N/A	N/A		LCS 320-168463/2-A
				0.5 mL								
3	LCSD-320-168463/3 N/A	N/A		250 mL				N/A	N/A	N/A	RI DOD IDA	LCSD 320-168463/3-A
				0.5 mL								
4	480-118982-A-1 (PFC_IDA)	N/A (480-118982-1)	281.23 g	253.9 mL				6/14/17	8_Days	2	10X	480-118982-A-1-A
			27.38 g	0.5 mL								
5	480-118982-A-2 (PFC_IDA)	N/A (480-118982-1)	282.91 g	255.9 mL				6/14/17	8_Days	2	10X	480-118982-A-2-A
			27.05 g	0.5 mL								
6	480-118982-B-2-MS (PFC_IDA)	N/A (480-118982-1)	264.13 g	236.5 mL				6/14/17	8_Days	2	10X	480-118982-B-2-A MS
			27.65 g	0.5 mL								
7	480-118982-B-2-MSD (PFC_IDA)	N/A (480-118982-1)	285.72 g	258.3 mL				6/14/17	8_Days	2	10X	480-118982-B-2-B MSD
			27.40 g	0.5 mL								
8	480-118982-A-3 (PFC_IDA)	N/A (480-118982-1)	239.59 g	212.2 mL				6/14/17	8_Days	2	10X	480-118982-A-3-A
			27.38 g	0.5 mL								
9	480-118982-B-4 (PFC_IDA)	N/A (480-118982-1)	282.19 g	255 mL				6/14/17	8_Days	2	10X	480-118982-B-4-A
			27.22 g	0.5 mL								
10	480-118982-A-5 (PFC_IDA)	N/A (480-118982-1)	274.90 g	247.7 mL				6/14/17	8_Days	2	10X	480-118982-A-5-A
			27.16 g	0.5 mL								

Aqueous Extraction Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-168463

Analyst: Branscum, Cassie

Batch Open: 6/9/2017 10:13:00AM

Method Code: 320-3535_PFC-320

Batch End: 6/9/2017 9:20:00PM

11	320-28800-A-1 (PFC_IDA_DOD5)	N/A (320-28800-1)	271.80 g 28.69 g	243.1 mL 0.5 mL				6/9/17	23_Days	4	
12	320-28800-A-2 (PFC_IDA_DOD5)	N/A (320-28800-1)	268.54 g 27.08 g	241.5 mL 0.5 mL				6/9/17	23_Days	4	

Aqueous Extraction Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-168463
Method Code: 320-3535_PFC-320

Analyst: Branscum, Cassie

Batch Open: 6/9/2017 10:13:00AM
Batch End: 6/9/2017 9:20:00PM

Batch Notes

Manifold ID	2
Methanol ID	944980
Hexane ID	939388
Sodium Hydroxide ID	947164
First Start time	NA
First End time	NA
SPE Cartridge Type	WAX 500mg
Solid Phase Extraction Disk ID	003137033A
Balance ID	QA-070
H2O ID	6/9/17
Pipette ID	N32655F
Solvent Name	0.3% NH4OH/MeOH
Solvent Lot #	946942
Analyst ID - Reagent Drop	CCB
Analyst ID - SU Reagent Drop	CCB
Analyst ID - SU Reagent Drop Witness	NSH
Acid Name	NA
Acid ID	NA
Reagent ID	NA
Reagent Lot Number	NA
SOP Number	WS-LC-0025

Aqueous Extraction Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-168463

Analyst: Branscum, Cassie

Batch Open: 6/9/2017 10:13:00AM

Method Code: 320-3535_PFC-320

Batch End: 6/9/2017 9:20:00PM

Batch Comment

Comments

320-28800-A-1

Method Comments: DOD site, Screen-caution

320-28800-A-2

Method Comments: DOD site, Screen-caution

Aqueous Extraction Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-168463
Method Code: 320-3535_PFC-320

Analyst: Branscum, Cassie

Batch Open: 6/9/2017 10:13:00AM
Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
MB 320-168463/1	LCMPFCSU_00072	500 uL	0.5mL	CB 6-9-17	NSH 6/9/17
LCS 320-168463/2	LCMPFCSU_00072	500 uL			
LCS 320-168463/2	LCPFCSP_00092	500 uL			
LCSD 320-168463/3	LCMPFCSU_00072	500 uL			
LCSD 320-168463/3	LCPFCSP_00092	500 uL			
480-118982-A-1	LCMPFCSU_00072	500 uL			
480-118982-A-2	LCMPFCSU_00072	500 uL			
480-118982-B-2 MS	LCMPFCSU_00072	500 uL			
480-118982-B-2 MS	LCPFCSP_00092	500 uL			
480-118982-B-2 MSD	LCMPFCSU_00072	500 uL			
480-118982-B-2 MSD	LCPFCSP_00092	500 uL			
480-118982-A-3	LCMPFCSU_00072	500 uL			
480-118982-B-4	LCMPFCSU_00072	500 uL			
480-118982-A-5	LCMPFCSU_00072	500 uL			
320-28800-A-1	LCMPFCSU_00072	500 uL			
320-28800-A-2	LCMPFCSU_00072	500 uL			

Aqueous Extraction Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 320-168463
Analyst: Branscum, Cassie
Batch Open: 6/9/2017 10:13:00AM

Method Code: 320-3535_PFC-320
Batch End:

Other Reagents:

Reagent	Amount/Units	Lot#:

TestAmerica
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Sacramento
Preparation Data Review Checklist

Preparation Batch Number(s): 168463 Test: DFC - IDA

Earliest Holding Time: 06-09-17

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	N/A	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	N/A	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: TN Date: 06/09/17

2nd Level Reviewer: VM Date: 6/10/17

Comments:

Shipping and Receiving Documents

Chain of Custody Record

TestAmerica Sacramento
180 Riverside Parkway

West Sacramento, CA 95605-1500
Phone 916.373.5600 fax 303.467.7248

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

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Bryan Burkingstock	Site Contact: Ryan Brown	Date: 6/2/17	COC No: 11
CH2M Hill	Tel/Fax:	Lab Contact: Jill Kellmann	Carrier: FedEx	1 of 1 COCs
3600 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.:
PO #: 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:
Grout Truck_Blank_2 (MB)	6/2/17	0920	G	W	2	N	N	X	Tank on grouting truck
ATV Rig_Blank	↓	0955	↓	↓	↓	↓	↓	↓	Tank on ATV HSA rig

320-28800 Chain of Custody

Preservation Used: (1= Ice) 2= HCl; 3= H_2SO_4; 4=HNO_3; 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

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: 6.7 Corr'd: 6.7		Therm ID No.: A2-1 melt water
Relinquished by: Ryan Brann	Company: CH2M Hill	Date/Time: 6/2/17 1600	Received by: Tracy G. Tarpey	Company: TAWS	Date/Time: 6/5/17 0920
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: 320-28800-1

Login Number: 28800
List Number: 1
Creator: Nelson, Kym D

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.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	6.7
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	
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_Rece	Leachate_	Leachate_	Extraction	Extraction	Analysis_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_N	Percent_L	Chem_Name	Analyte_II	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_E	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			

Contract_	DO_CTO_	Phase	Installatio	Sample_Name	CH2M_Co	Analysis_C	Analytical	PRC_Code	Lab_Code	Lab_Name	Leachate_	Sample_B	Extraction	Result_Ty	Lab_QC_T	Sample_M	QC_Level	DateTime_	Date_Rece	Leachate_	Leachate_	Extraction	Extraction	Analysis_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_M	Percent_L	Chem_Name	Analyte_I	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-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 320-15	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 320-15	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 320-15	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 320-15	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 320-15	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 320-15	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 320-15	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 320-15	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 320-15	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 320-15	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 320-15	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 320-15	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 320-15	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	320-26011	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 320-15	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	320-26011	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 320-15	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 320-15	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 320-15	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	320-26011	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 320-15	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 320-15	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 320-15	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	320-26011	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 320-15	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 320-15	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 320-15	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	320-26011	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 320-15	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			

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_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_M	Percent_L	Chem_Name	Analyte_I	Analyte_V	Original_A	Result_Un	Lab_Quali	Validator_	GC_Colum	Analysis_F	Result_Na	QC_Contr	QC_Accura	QC_Accura	Control_Li	QC_Narrat	MDL	Detection	QSM_Vers	DL	LOD	LOQ	SDG	Analysis_B	Validator_	Val_Date	
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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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			

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_Rece	Leachate_	Leachate_	Extraction	Extraction	Analysis_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_N	Percent_L	Chem_Name	Analyte_I	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-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 320-15	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 320-15	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 320-15	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 320-15	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 320-15	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			

Contract_I	DO_CTO_I	Phase	Installatio	Sample_Name	CH2M_Co	Analysis_C	Analytical	PRC_Code	Lab_Code	Lab_Name	Leachate_	Sample_B	Extraction	Result_Ty	Lab_QC_T	Sample_M	QC_Level	DateTime_	Date_Rece	Leachate_	Leachate_	Extraction	Extraction	Analysis_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_M	Percent_L	Chem_Name	Analyte_II	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-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 PFHXS	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 PFHXS	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 PFHXS	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 PFHXS	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 PFHXS	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 PFHXS	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 PFHXS	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 PFHXS	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 PFHXS	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 PFHXS	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 PFHXS	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 PFHXS	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 PFHXS	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 PFHXS	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 PFHXS	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 PFHXS	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 PFHXS	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 320-15	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	320-26273	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 320-15	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	320-26273	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 320-15	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 320-15	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 320-15	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	320-26273	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 320-15	1	1			18O2 PFHXS	18O2 PFHXS	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 320-15	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 320-15	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 PFHXS	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 320-15	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	320-26273	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 320-15	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	320-26273	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 320-15	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 320-15	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 320-15	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	320-26273	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 320-15	1	1			18O2 PFHXS	18O2 PFHXS	124	124	PCT_REC			PR	SURR		SMSA	150	25	00000000				5.0				320-26273	320-154459		

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_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_N	Percent_L	Chem_Name	Analyte_I	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_E	Validator_	Val_Date
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 320-15	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	320-26273	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 320-15	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 PFO	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 PFO	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 PFH	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 320-15	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 320-15	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 320-15	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 320-15	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 320-15	1	1			13C4 PFOA	13C4 PFO	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 320-15	1	1			13C4 PFOS	13C4 PFO	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 320-15	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	320-26324	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 320-15	1	1			18O2 PFHXS	18O2 PFH	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 320-15	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	320-26324	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 320-15	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 320-15	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	320-26324	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 320-15	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	320-26324	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 320-15	1	1			13C4 PFOA	13C4 PFO	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 320-15	1	1			13C4 PFOS	13C4 PFO	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 320-15	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	320-26324	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 320-15	1	1			18O2 PFHXS	18O2 PFH	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		

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_Rece	Leachate_	Leachate_	Extraction	Extraction	Analysis_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_M	Percent_L	Chem_Name	Analyte_I	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	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	SK1681-20	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	SK1681-20	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	SK1681-20	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	SK1681-20	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	SK1681-10	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	SK1681-10	20	1			Toluene-D8	2037-26-5	102.	102.	PCT				SURR		SLSA	120	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	SK1681-10	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 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	SK1681-10	20	1			Dibromofluoromethane	1868-53-7	102.	102.	PCT				SURR		SLSA	115	85	20091101	IDW			4.2	0	0	0	SK1681	WG20141	Preload Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	20170801

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_Rece	Leachate_	Leachate_	Extraction	Extraction	Analysis_	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_N	Percent_L	Chem_Name	Analyte_I	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_E	Validator_	Val_Date
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 Ch	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 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-Fluorophenol	367-12-4		22.5	PCT				SURR		SLSA	110	20	20091101				4.2	0	0	0	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			Phenol-D6	13127-88-3		12.5	PCT				SURR		SLSA	115	10	20091101				4.2	0	0	0	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-D5	4165-60-0		71.1	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	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-Fluorobiphenyl	321-60-8		59.9	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	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-Tribromophenol	118-79-6		68.2	PCT				SURR		SLSA	125	40	20091101				4.2	0	0	0	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			Terphenyl-D14	1718-51-0		72.8	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	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-Fluorophenol	367-12-4		29.8	PCT				SURR		SLSA	110	20	20091101				4.2	0	0	0	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			Phenol-D6	13127-88-3		19.5	PCT				SURR		SLSA	115	10	20091101				4.2	0	0	0	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-D5	4165-60-0		81.7	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	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-Fluorobiphenyl	321-60-8		72.3	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	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-Tribromophenol	118-79-6		63.0	PCT				SURR		SLSA	125	40	20091101				4.2	0	0	0	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			Terphenyl-D14	1718-51-0		86.9	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	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			2-Fluorophenol	367-12-4		15.7	PCT	*			SURR		SLSA	110	20	20091101				4.2	0	0	0	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			Phenol-D6	13127-88-3		13.6	PCT				SURR		SLSA	115	10	20091101				4.2	0	0	0	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-D5	4165-60-0		56.1	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	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-Fluorobiphenyl	321-60-8		52.9	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	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-Tribromophenol	118-79-6		41.0	PCT				SURR		SLSA	125	40	20091101				4.2	0	0	0	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			Terphenyl-D14	1718-51-0		76.7	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	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-Fluorophenol	367-12-4		38.2	PCT				SURR		SLSA	110	20	20091101				4.2	0	0	0	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			Phenol-D6	13127-88-3		24.1	PCT				SURR		SLSA	115	10	20091101				4.2	0	0	0	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-D5	4165-60-0		83.7	PCT				SURR		SLSA	110	40	20091101				4.2	0	0	0	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-Fluorobiphenyl	321-60-8		71.0	PCT				SURR		SLSA	110	50	20091101				4.2	0	0	0	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-Tribromophenol	118-79-6		73.9	PCT				SURR		SLSA	125	40	20091101				4.2	0	0	0	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			Terphenyl-D14	1718-51-0		85.8	PCT				SURR		SLSA	135	50	20091101				4.2	0	0	0	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-DICHLOROPHENYLACETIC ACID	19719-28-9		70.5	PCT				SURR		SLSA	126	35	20091101				4.2	0	0	0	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-DICHLOROPHENYLACETIC ACID	19719-28-9		94.9	PCT				SURR		SLSA	126	35	20091101	IDW			4.2	0	0	0	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-DICHLOROPHENYLACETIC ACID	19719-28-9		75.6	PCT				SURR		SLSA	126	35	20091101				4.2	0	0	0	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-DICHLOROPHENYLACETIC ACID	19719-28-9		76.1	PCT				SURR		SLSA	126	35	20091101	IDW			4.2	0	0	0	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-DICHLOROPHENYLACETIC ACID	19719-28-9		71.8	PCT				SURR		SLSA	126	35	20091101	IDW			4.2	0	0	0	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-DICHLOROPHENYLACETIC ACID	19719-28-9		87.6	PCT				SURR		SLSA	126	35	20091101	IDW			4.2	0	0	0	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-DICHLOROPHENYLACETIC ACID	19719-28-9		60.7	PCT				SURR		SLSA	126	35	20091101	IDW			4.2	0	0	0	SK5275	WG20806	Preload Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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	SK5275-1D	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 Ch	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	SK5275-1D	20	1			Toluene-D8	2037-26-5		102.	PCT				SURR		SLSA	120	85	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload Ch	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	SK5275-1D	20	1			4-Bromofluorobenzene	460-00-4		96.7	PCT				SURR		SLSA	120	75	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload Ch	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	SK5275-1D	20	1			Dibromofluoromethane	1868-53-7		108.	PCT				SURR		SLSA	115	85	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload Ch	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			1,2-Dichloroethane-d4	17060-07-0		114.	PCT				SURR		SLSA	120	70	20091101	IDW			4.2	0	0	0	SK5275	WG20829	Preload Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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		

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_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_N	Percent_L	Chem_Name	Analyte_I	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	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		

Contract_	DO_CTO_I	Phase	Installatio	Sample_Name	CH2M_Co	Analysis_C	Analytical	PRC_Code	Lab_Code	Lab_Name	Leachate_	Sample_B	Extraction	Result_Ty	Lab_QC_T	Sample_M	QC_Level	DateTime_	Date_Rece	Leachate_	Leachate_	Extraction	Extraction	Analysis_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_N	Percent_L	Chem_Name	Analyte_II	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	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		

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_Rece	Leachate_	Leachate_	Extraction	Extraction	Analysis_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_N	Percent_L	Chem_Name	Analyte_I	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	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			

Contract_	DO_CTO_I	Phase	Installatio	Sample_Name	CH2M_Co	Analysis_C	Analytical	PRC_Code	Lab_Code	Lab_Name	Leachate_	Sample_B	Extraction	Result_Ty	Lab_QC_T	Sample_M	QC_Level	DateTime_	Date_Rece	Leachate_	Leachate_	Extraction	Extraction	Analysis_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_M	Percent_L	Chem_Name	Analyte_II	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	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		

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_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_M	Percent_L	Chem_Name	Analyte_I	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	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		

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_I	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_E	Validator_	Val_Date	
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			

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_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_N	Percent_L	Chem_Name	Analyte_I	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_E	Validator_	Val_Date
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		

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_N	Percent_L	Chem_Name	Analyte_I	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_E	Validator_	Val_Date
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 320-17	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	320-29267	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.002	UG_L	U		PR	TRG					00000000				5.0	0.00075	0.002	0.0025	320-29267	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 320-17	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.003	UG_L	U		PR	TRG					00000000				5.0	0.0013	0.003	0.004	320-29267	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 320-17	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 320-17	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 320-17	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.002	UG_L	UM		PR	TRG					00000000				5.0	0.00092	0.002	0.0025	320-29267	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 320-17	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 320-17	1	1			Perfluorooctanoic acid (PFOA)	335-67-1		0.002	UG_L	U		PR	TRG					00000000				5.0	0.00075	0.002	0.0025	320-29267	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 320-17	1	1			Perfluorooctane Sulfonate (PFOS)	1763-23-1		0.003	UG_L	U		PR	TRG					00000000				5.0	0.0013	0.003	0.004	320-29267	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 320-17	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 320-17	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 320-17	1	1			Perfluorobutanesulfonic acid (PFBS)	375-73-5		0.002	UG_L	U		PR	TRG					00000000				5.0	0.00092	0.002	0.0025	320-29267	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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 320-17	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		

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_Rece	Leachate_	Leachate_	Extraction	Extraction	Analysis_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_M	Percent_L	Chem_Name	Analyte_I	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-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		

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_Rece	Leachate_	Leachate_	Extraction	Extraction	Analysis_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_N	Percent_L	Chem_Name	Analyte_I	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_E	Validator_	Val_Date
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		

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_N	Percent_L	Chem_Name	Analyte_I	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	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			

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_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_N	Percent_L	Chem_Name	Analyte_I	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	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			

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_Rece	Leachate_	Leachate_	Extraction	Extraction	Analysis_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_N	Percent_L	Chem_Name	Analyte_I	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_E	Validator_	Val_Date
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	WG201342	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 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			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-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 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			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-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 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			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-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 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			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 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	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	PBWKC15I	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	PBWKC10I	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	PBWKC10I	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	PBWKC15I	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	PBWKC15I	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	PBWKC10I	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	PBWKC15I	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	PBWKC10I	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	PBWKC10I	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	PBWKC15I	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	PBWKC15I	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	PBWKC10I	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	PBWKC10I	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	PBWKC15I	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

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_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_N	Percent_L	Chem_Name	Analyte_II	Analyte_V	Original_A	Result_Un	Lab_Quali	Validator_	GC_Colum	Analysis_F	Result_Na	QC_Contr	QC_Accura	QC_Accura	Control_Li	QC_Narrat	MDL	Detection	QSM_Vers	DL	LOD	LOQ	SDG	Analysis_E	Validator_	Val_Date	
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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 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			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 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			Pentachlorophenol	87-86-5	107.	107.	UG_L				TRG		LSA	115	40	20091101				4.2	2.3	19.	25.	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-D	94-75-7	7.0	7.0	UG_L	U			TRG									4.2	1.4	7.0	14.	SK1681	WG20112	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			2,4,5-TP (Silvex)	93-72-1	7.1	7.1	UG_L	U			TRG									4.2	0.95	7.1	14.	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-D	94-75-7	7.0	7.0	UG_L	U			TRG						IDW			4.2	1.4	7.0	14.	SK1681	WG20140	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			2,4,5-TP (Silvex)	93-72-1	7.1	7.1	UG_L	U			TRG						IDW			4.2	0.95	7.1	14.	SK1681	WG20140	Preload 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-D	94-75-7	7.0	7.0	UG_L	U			TRG						IDW			4.2	1.4	7.0	14.	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			2,4,5-TP (Silvex)	93-72-1	7.1	7.1	UG_L	U			TRG						IDW			4.2	0.95	7.1	14.	SK1681	WG20140	Preload Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 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			Pyridine	110-86-1	190	190	UG_L	U			TRG						IDW			4.2	7.5	190	250	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			Pyridine	110-86-1	190	190	UG_L	U			TRG						IDW			4.2	7.5	190	250	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			1,4-Dichlorobenzene	106-46-7	38	38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	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			1,4-Dichlorobenzene	106-46-7	38	38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	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-Methylphenol	95-48-7	38	38	UG_L	U			TRG						IDW			4.2	19.	38.	50.	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-Methylphenol	95-48-7	38	38	UG_L	U			TRG						IDW			4.2	19.	38.	50.	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			3- and 4-Methylphenol	m&pCRES	38	38	UG_L	U			TRG						IDW			4.2	28.	38.	50.	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			3- and 4-Methylphenol	m&pCRES	38	38	UG_L	U			TRG						IDW			4.2	28.	38.	50.	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			Hexachloroethane	67-72-1	38	38	UG_L	U			TRG						IDW			4.2	12.	38.	50.	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			Hexachloroethane	67-72-1	38	38	UG_L	U			TRG						IDW			4.2	12.	38.	50.	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			Nitrobenzene	98-95-3	38	38	UG_L	U			TRG						IDW			4.2	16.	38.	50.	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			Nitrobenzene	98-95-3	38	38	UG_L	U			TRG						IDW			4.2	16.	38.	50.	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			Hexachlorobutadiene	87-68-3	38	38	UG_L	U			TRG						IDW			4.2	9.0	38.	50.	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			Hexachlorobutadiene	87-68-3	38	38	UG_L	U			TRG						IDW			4.2	9.0	38.	50.	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			2,4,6-Trichlorophenol	88-06-2	38	38	UG_L	U			TRG						IDW			4.2	14.	38.	50.	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-Trichlorophenol	88-06-2	38	38	UG_L	U			TRG						IDW			4.2	14.	38.	50.	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			2,4,5-Trichlorophenol	95-95-4	94	94	UG_L	U			TRG						IDW			4.2	18.	94.	120	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			2,4,5-Trichlorophenol	95-95-4	94	94	UG_L	U			TRG						IDW			4.2	18.	94.	120	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-Dinitrotoluene	121-14-2	38	38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	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-Dinitrotoluene	121-14-2	38	38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	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			Hexachlorobenzene	118-74-1	38	38	UG_L	U			TRG						IDW			4.2	10.	38.	50.	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			Hexachlorobenzene	118-74-1	38	38	UG_L	U			TRG						IDW			4.2	10.	38.	50.	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			Pentachlorophenol	87-86-5	94	94	UG_L	U			TRG						IDW			4.2	12.	94.	120	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			Pentachlorophenol	87-86-5	94	94	UG_L	U			TRG						IDW			4.2	12.	94.	120	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			Pyridine	110-86-1	190	190	UG_L	U			TRG						IDW			4.2	7.5	190	250	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			1,4-Dichlorobenzene	106-46-7	38	38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	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-Methylphenol	95-48-7	38	38	UG_L	U			TRG						IDW			4.2	19.	38.	50.	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			3- and 4-Methylphenol	m&pCRES	38	38	UG_L	U			TRG						IDW			4.2	28.	38.	50.	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			Hexachloroethane	67-72-1	38	38	UG_L	U			TRG						IDW			4.2	12.	38.	50.	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	98-95-3	38	38	UG_L	U			TRG						IDW			4.2	16.	38.	50.	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			Hexachlorobutadiene	87-68-3	38	38	UG_L	U			TRG						IDW			4.2	9.0	38.	50.	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-Trichlorophenol	88-06-2	38	38	UG_L	UL			TRG						IDW			4.2	14.	38.	50.	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			2,4,5-Trichlorophenol	95-95-4	94	94	UG_L	UL			TRG						IDW			4.2	18.	94.	120	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-Dinitrotoluene	121-14-2	38	38	UG_L	U			TRG						IDW			4.2	11.	38.	50.	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			Hexachlorobenzene	118-74-1	38	38	UG_L	U			TRG						IDW			4.2	10.	38.	50.	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			Pentachlorophenol	87-86-5	94	94	UG_L	UL			TRG						IDW			4.2	12.	94.	120	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			Pyridine	110-86-1	190	190	UG_L	U			TRG									4.2	7.5	190	250	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			1,4-Dichlorobenzene	106-46-7	38	38	UG_L	U			TRG									4.2	11.	38.	50.	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-Methylphenol	95-48-7	38	38	UG_L	U			TRG									4.2	19.	38.	50.	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			3- and 4-Methylphenol	m&pCRES	38	38	UG_L	U			TRG									4.2	28.	38.	50.	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			Hexachloroethane	67-72-1	38	38	UG_L	U			TRG									4.2	12.	38.	50.	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	98-95-3	38	38	UG_L	U			TRG									4.2	16.	38.	50.	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			Hexachlorobutadiene	87-68-3	38	38	UG_L	U			TRG									4.2	9.0	38.	50.	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-Trichlorophenol	88-06-2	38	38	UG_L	U			TRG									4.2	14.	38.	50.	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			2,4,5-Trichlorophenol	95-95-4	94	94	UG_L	U			TRG									4.2	18.	94.	120	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-Dinitrotoluene	121-14-2	38	38	UG_L	U			TRG									4.2	11.	38.	50.	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			Hexachlorobenzene	118-74-1	38	38	UG_L	U			TRG									4.2	10.	38.	50.	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			Pentachlorophenol	87-86-5	94	94	UG_L	U			TRG									4.2	12.	94.	120	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			Pyridine	110-86-1	38	38	UG_L	U			TRG									4.2	1.5	38.	50.	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			1,4-Dichlorobenzene	106-46-7	7.5	7.5	UG_L	U			TRG									4.2	2.2	7.5	10.	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-Methylphenol	95-48-7	7.5	7.5	UG_L	U			TRG									4.2	3.8	7.5	10.	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			3- and 4-Methylphenol	m&pCRES	7.5	7.5	UG_L	U			TRG									4.2	5.6	7.5	10.	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			Hexachloroethane	67-72-1	7.5	7.5	UG_L	U			TRG									4.2	2.3	7.5	10.	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	98-95-3	7.5	7.5	UG_L	U			TRG									4.2	3.1	7.5	10.	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			Hexachlorobutadiene	87-68-3	7.5	7.5	UG_L	U			TRG									4.2	1.8	7.5	10.	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-Trichlorophenol	88-06-2	7.5	7.5	UG_L	U			TRG									4.2	2.7	7.5	10.	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			2,4,5-Trichlorophenol	95-95-4	19	19	UG_L	U			TRG									4.2	3.6	19.	25.	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-Dinitrotoluene	121-14-2	7.5	7.5	UG_L	U			TRG									4.2	2.2	7.5	10.	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			Hexachlorobenzene	118-74-1	7.5	7.5	UG_L	U			TRG									4.2	2.1	7.5	10.	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			Pentachlorophenol	87-86-5	19	19	UG_L	U			TRG									4.2	2.3	19.	25.	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			Pyridine	110-86-1	11.4	11.4	UG_L				TRG		LSA	96	10	20091101				4.2	1.5	38.	50.	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			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 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-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 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			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 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			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 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	98-95-3	32.1	32.1	UG_L				TRG		LSA	110	45	20091101				4.2	3.1	7.5	10.	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			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 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-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 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			2,4,5-Trichlorophenol	95-95-4	76.7	76.7	UG_L				TRG		LSA	110	50	20091101				4.2	3.6	19.	25.	SK1681	WG20193	Preload 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-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 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			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 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			Pentachlorophenol	87-86-5	95.7	95.7	UG_L				TRG		LSA	115	40	20091101				4.2	2.3	19.	25.	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			Pyridine	110-86-1	4.11	4.11	UG_L	*			TRG		LSA	96	10	20091101				4.2	1.5	38.	50.	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			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 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-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 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			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 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			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 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	98-95-3	35.4	35.4	UG_L				TRG		LSA	110	45	20091101				4.2	3.1	7.5	10.	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			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 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-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 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			2,4,5-Trichlorophenol	95-95-4	86.2	86.2	UG_L				TRG		LSA	110	50	20091101				4.2	3.6	19.	25.	SK1681	WG20193	Preload 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-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 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			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 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			Pentachlorophenol	87-86-5	100.	100.	UG_L				TRG		LSA	115	40	20091101				4.2	2.3	19.	25.	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		Benzene	71-43-2	10	10	UG_L	U			TRG									4.2	5.2	10.	100	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		Carbon tetrachloride	56-23-5	10	10	UG_L	U			TRG									4.2	4.4	10.	100	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		Chlorobenzene	108-90-7	10	10	UG_L	U			TRG									4.2	4.4	10.	100	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		Chloroform	67-66-3	10	10	UG_L	U			TRG									4.2	6.4	10.	100	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		1,2-Dichloroethane	107-06-2	10	10	UG_L	U			TRG									4.2	4.0	10.	100	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		1,1-Dichloroethene	75-35-4	10	10	UG_L	U			TRG									4.2	7.0	10.	100	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		2-Butanone	78-93-3	50	50	UG_L	U			TRG									4.2	26.	50.	300	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		Tetrachloroethene	127-18-4	10	10	UG_L	U			TRG									4.2	8.0	10.	100	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		Trichloroethene	79-01-6	10	10	UG_L	U			TRG									4.2	5.6	10.	100	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		Vinyl chloride	75-01-4	20	20	UG_L	U			TRG									4.2	5.0	20.	100	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			Benzene	71-43-2	10	10	UG_L	U			TRG						IDW			4.2	5.2	10.	100	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			Carbon tetrachloride	56-23-5	10	10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	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			Chlorobenzene	108-90-7	10	10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	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			Chloroform	67-66-3	10	10	UG_L	U			TRG						IDW			4.2	6.4	10.	100	SK1681	WG20141	Preload Ch	20170331	

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_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_N	Percent_L	Chem_Name	Analyte_I	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_E	Validator_	Val_Date	
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	107-06-2	10	10	UG_L	U			TRG						IDW			4.2	4.0	10.	100	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			1,1-Dichloroethene	75-35-4	10	10	UG_L	U			TRG						IDW			4.2	7.0	10.	100	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			2-Butanone	78-93-3	50	50	UG_L	U			TRG						IDW			4.2	26.	50.	300	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			Tetrachloroethene	127-18-4	10	10	UG_L	U			TRG						IDW			4.2	8.0	10.	100	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			Trichloroethene	79-01-6	10	10	UG_L	U			TRG						IDW			4.2	5.6	10.	100	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			Vinyl chloride	75-01-4	20	20	UG_L	U			TRG						IDW			4.2	5.0	20.	100	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			Benzene	71-43-2	10	10	UG_L	U			TRG						IDW			4.2	5.2	10.	100	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			Carbon tetrachloride	56-23-5	10	10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	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			Chlorobenzene	108-90-7	10	10	UG_L	U			TRG						IDW			4.2	4.4	10.	100	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			Chloroform	67-66-3	10	10	UG_L	U			TRG						IDW			4.2	6.4	10.	100	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	107-06-2	10	10	UG_L	U			TRG						IDW			4.2	4.0	10.	100	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			1,1-Dichloroethene	75-35-4	10	10	UG_L	U			TRG						IDW			4.2	7.0	10.	100	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			2-Butanone	78-93-3	50	50	UG_L	U			TRG						IDW			4.2	26.	50.	300	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			Tetrachloroethene	127-18-4	10	10	UG_L	U			TRG						IDW			4.2	8.0	10.	100	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			Trichloroethene	79-01-6	10	10	UG_L	U			TRG						IDW			4.2	5.6	10.	100	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			Vinyl chloride	75-01-4	20	20	UG_L	U			TRG						IDW			4.2	5.0	20.	100	SK1681	WG20141	Preload Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 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			Arsenic	7440-38-2		25	UG_L	U			TRG									4.2	7.1	25	40	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			Arsenic	7440-38-2		25	UG_L	U			TRG									4.2	7.1	25	40	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			Arsenic	7440-38-2		7.7	UG_L	J			TRG									4.2	7.1	25	40	SK5275	KF19ICW1	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			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	

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_N	Percent_L	Chem_Name	Analyte_I	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	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 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			2,4,5-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-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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	20170801

Contract_	DO_CTO_	Phase	Installatio	Sample_Name	CH2M_Co	Analysis_C	Analytical	PRC_Code	Lab_Code	Lab_Name	Leachate_	Sample_B	Extraction	Result_Ty	Lab_QC_T	Sample_M	QC_Level	DateTime_	Date_Rece	Leachate_	Leachate_	Extraction	Extraction	Analysis_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_M	Percent_L	Chem_Name	Analyte_I	Analyte_V	Original_A	Result_Un	Lab_Quali	Validator_	GC_Colum	Analysis_F	Result_Na	QC_Contr	QC_Accura	QC_Accura	Control_Li	QC_Narrat	MDL	Detection	QSM_Vers	DL	LOD	LOQ	SDG	Analysis_B	Validator_	Val_Date
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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	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 Ch	20170801

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_D	Analysis_T	Lab_Samp	Dilution	Run_Num	Percent_M	Percent_L	Chem_Name	Analyte_I	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-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 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			Tetrachloroethene	127-18-4		0.50	UG_L	U			TRG									4.2	0.40	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			Trichloroethene	79-01-6		0.50	UG_L	U			TRG									4.2	0.28	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			Vinyl chloride	75-01-4		1.0	UG_L	U			TRG									4.2	0.25	1.0	5.0	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			Benzene	71-43-2		45.7	UG_L				TRG		LSA	120	80	20091101				4.2	0.26	0.50	5.0	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			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 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			Chlorobenzene	108-90-7		44.2	UG_L				TRG		LSA	120	80	20091101				4.2	0.22	0.50	5.0	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			Chloroform	67-66-3		44.7	UG_L				TRG		LSA	135	65	20091101				4.2	0.32	0.50	5.0	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	107-06-2		46.0	UG_L				TRG		LSA	130	70	20091101				4.2	0.20	0.50	5.0	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			1,1-Dichloroethene	75-35-4		41.4	UG_L				TRG		LSA	130	70	20091101				4.2	0.35	0.50	5.0	SK5275	WG20860	Preload 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			2-Butanone	78-93-3		42.0	UG_L				TRG		LSA	150	30	20091101				4.2	1.3	2.5	15.	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			Tetrachloroethene	127-18-4		42.2	UG_L				TRG		LSA	150	45	20091101				4.2	0.40	0.50	5.0	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			Trichloroethene	79-01-6		43.4	UG_L				TRG		LSA	125	70	20091101				4.2	0.28	0.50	5.0	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			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 C	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 C	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 C	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 C	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 C	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 C	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 C	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 C	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 C	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 C	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 C	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 C	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 C	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 C	20170801

Contract_	DO_CTO_	Phase	Installatio	Sample_Name	CH2M_Co	Analysis_	Analytical	PRC_Code	Lab_Code	Lab_Nam	Leachate_	Sample_B	Extraction	Result_Ty	Lab_QC_T	Sample_M	QC_Level	DateTime	Date_Rec	Leachate_	Leachate_	Extraction	Extraction	Analysis_I	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_R	Result_Na	QC_Contr	QC_Accur	QC_Accur	Control_Li	QC_Narra	MDL	Detection	QSM_Ver	DL	LOD	LOQ	SDG	Analysis_B	Validator	Val_Date
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 C	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 C	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 C	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 C	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 C	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	WG207995	1	1			Reactive sulfide	REACT-S		25.	MG_KG	U			TRG								4.2	16.39	25.	50.	SK5275	WG20799	Preload C	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	WG207995	1	1			Reactive sulfide	REACT-S		1000	MG_KG				TRG		LSA	120	30	20091101			4.2	16.39	25.	50.	SK5275	WG20799	Preload C	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 C	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 C	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 C	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 C	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 C	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 C	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	WG207763	1	1			Ignitability	IGN		71.	DEG_C	NI			TRG	>							4.2	71.	71	71.	SK5275	WG20776	Preload C	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	WG207763	1	1			Ignitability	IGN		27.	DEG_C				TRG		LSA	120	80	20091101			4.2	71.	71	71.	SK5275	WG20776	Preload C	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	WG207763	1	1			Ignitability	IGN		27.	DEG_C				TRG		LSA	120	80	20091101			4.2	71.	71	71.	SK5275	WG20776	Preload C	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	WG207691	1	1			Corrosivity (pH units)	CORR		6.4	PH				TRG								4.2	0.10	0.10	0.10	SK5275	WG20769	Preload C	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 C	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	WG207691	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 C	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 C	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 C	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 C	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 C	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 C	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	WG207691	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 C	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	WG207691	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 C	20170801							

ENVIRONMENTAL
Data Services, Inc.

DATA VALIDATION SUMMARY REPORT
NAVAL AIR STATION MERIDIAN, MISSISSIPPI

Client: CH2M HILL, Inc., Virginia Beach, Virginia
SDG: 320-28800-1
Laboratory: Test America Laboratories, West Sacramento, California
Site: Naval Air Station Meridian, JM01, Meridian, Mississippi
Date: October 30, 2017

PFCs			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	GROUTTRUCK_BLANK_2	320-28800-1	Water
2	ATVRIG_BLANK	320-28800-2	Water

A full data validation was performed on the analytical data for two water samples collected on June 2, 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

- The sample cooler was received at 6.7°C which is greater than the 4±2°C criteria. No action was taken on this basis.
- All samples were extracted within 14 days for water 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

- Field QC samples were not analyzed.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

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

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

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.

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

1

Lab Name: TestAmerica Sacramento | Job No.: 320-28800-1

SDG No.:

Client Sample ID: GroutTruck_Blank_2 | Lab Sample ID: 320-28800-1

Matrix: Water | Lab File ID: 2017.06.10B_042.d

Analysis Method: 537 (Modified) | Date Collected: 06/02/2017 09:20

Extraction Method: 3535 | Date Extracted: 06/09/2017 10:13

Sample wt/vol: 243.1(mL) | Date Analyzed: 06/11/2017 07:05

Con. Extract Vol.: 0.5(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 168683 | Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	2.1	U	2.6	2.1	0.77
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	3.1	U	4.1	3.1	1.3
375-73-5	Perfluorobutanesulfonic acid (PFBS)	2.1	U	2.6	2.1	0.94

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	91		25-150
STL00991	13C4 PFOS	108		25-150
STL00994	18O2 PFHxS	127		25-150

MW 10/30/17

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

2

Lab Name: TestAmerica Sacramento | Job No.: 320-28800-1

SDG No.:

Client Sample ID: ATVRig_Blank | Lab Sample ID: 320-28800-2

Matrix: Water | Lab File ID: 2017.06.10B_043.d

Analysis Method: 537 (Modified) | Date Collected: 06/02/2017 09:55

Extraction Method: 3535 | Date Extracted: 06/09/2017 10:13

Sample wt/vol: 241.5(mL) | Date Analyzed: 06/11/2017 07:13

Con. Extract Vol.: 0.5(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 168683 | Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
335-67-1	Perfluorooctanoic acid (PFOA)	1.2	J M	2.6	2.1	0.77
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	3.1	U M	4.1	3.1	1.3
375-73-5	Perfluorobutanesulfonic acid (PFBS)	2.1	U M	2.6	2.1	0.95

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00990	13C4 PFOA	69		25-150
STL00991	13C4 PFOS	110		25-150
STL00994	18O2 PFHxS	124		25-150

MW 10/30/17