



**Groundwater Sample Results,
Combined Level 2 and Level 4 Laboratory Report,
Electronic Data Deliverable, Data Validation Report,
and the Sample Location Report, SDG 1802094**

*Naval Weapons Industrial Reserve Plant Calverton
Riverhead, New York*

August 2019

September 17, 2018

Vista Work Order No. 1802094

Mr. Ernie Wu
Tetra Tech
5700 Lake Wright Drive, Suite 309
Norfolk, VA 23502

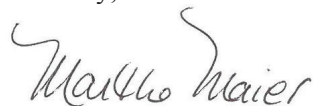
Dear Mr. Wu,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on July 28, 2018 under your Project Name 'Calverton 6A'. The SDG Number is WE05.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,



Martha Maier
Laboratory Director



Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

SDG Number WE05

Vista Work Order No. 1802094

Case Narrative

Sample Condition on Receipt:

Nineteen aqueous samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology. As requested, the analyte list was increased from two to twenty-one analytes.

Analytical Notes:

PFAS Isotope Dilution Method

The following samples contained particulate and were centrifuged prior to extraction:

<u>Laboratory ID</u>	<u>Sample Name</u>
1802094-01	FC-MW025R1-20180726
1802094-04	SA-PZ182I-20180726
1802094-06	SA-PZ145D-20180726
1802094-11	SA-SW201-20180727
1802094-12	SA-SW204-20180727
1802094-13	SA-SW301-20180727
1802094-14	EB01-072618

The samples were extracted and analyzed for a selected list of PFAS using the PFAS Isotope Dilution Method (Modified EPA Method 537). The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted and analyzed within the method hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 the LOQ. The OPR recoveries were within the method acceptance criteria.

The extracts of samples "SA-PZ145D-20180726", "SA-PZ144I-20180726" and "FRB02-072718" were re-injected because one or more Injection Internal Standard Analyte response areas were outside of criteria. The results were similar in the second injection of "FRB02-072718" and the results from the original injections have been reported. The area criteria passed for the second injections of "SA-PZ145D-20180726" and "SA-PZ144I-20180726" and the results from the re-injections have been reported.

The extract of sample "SA-MW128I-20180726" was re-injected because it followed an extract with an analyte with a concentration greater than the highest point in the calibration curve. The results from the re-injection have been reported.

As requested, an MS/MSD was performed on sample "SA-PZ1711-20180727". The MS/MSD recoveries and/or RPDs were out of the acceptance criteria for PFNA and PFUnA.

The labeled standard recoveries outside the acceptance criteria are listed in the table below.

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
1802094-01	FC-MW025R1-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	38.8
1802094-02	SA-PZ163I-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	30.6
1802094-02	SA-PZ163I-20180726	PFAS Isotope Dilution Method	d3-MeFOSAA	H	47.6
1802094-02	SA-PZ163I-20180726	PFAS Isotope Dilution Method	d5-EtFOSAA	H	45.6
1802094-03	SA-PZ181I-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	36.5
1802094-04	SA-PZ182I-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	31.1
1802094-05	SA-PZ145I-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	34.3
1802094-06	SA-PZ145D-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	21.4
1802094-06	SA-PZ145D-20180726	PFAS Isotope Dilution Method	d3-MeFOSAA	H	43.9
1802094-06	SA-PZ145D-20180726	PFAS Isotope Dilution Method	d5-EtFOSAA	H	44.6
1802094-06	SA-PZ145D-20180726	PFAS Isotope Dilution Method	13C2-PFUnA	H	49.8
1802094-07	SA-MW128I-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	25.4
1802094-08	SA-PZ144I-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	30.6
1802094-09	SA-PZ144S-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	31.0
1802094-10	SA-PZ171I-20180727	PFAS Isotope Dilution Method	13C8-PFOA	H	35.9
1802094-11	SA-SW201-20180727	PFAS Isotope Dilution Method	13C8-PFOA	H	33.6
1802094-12	SA-SW204-20180727	PFAS Isotope Dilution Method	13C8-PFOA	H	34.5
1802094-14	EB01-072618	PFAS Isotope Dilution Method	13C8-PFOA	H	35.9
1802094-15	FRB01-072618	PFAS Isotope Dilution Method	13C8-PFOA	H	23.6
1802094-16	GW01-072618	PFAS Isotope Dilution Method	13C8-PFOA	H	40.7
1802094-17	SA-DUP-01-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	23.7
1802094-17	SA-DUP-01-20180726	PFAS Isotope Dilution Method	d3-MeFOSAA	H	47.6
1802094-18	EB02-072718	PFAS Isotope Dilution Method	13C8-PFOA	H	32.4
1802094-19	FRB02-072718	PFAS Isotope Dilution Method	13C8-PFOA	H	17.7
1802094-19	FRB02-072718	PFAS Isotope Dilution Method	13C2-PFDoA	H	49.8
1802094-19	FRB02-072718	PFAS Isotope Dilution Method	13C2-PFTeDA	H	30.5
B8H0014-BLK1	B8H0014-BLK1	PFAS Isotope Dilution Method	13C8-PFOA	H	34.6
B8H0014-BS1	B8H0014-BS1	PFAS Isotope Dilution Method	13C8-PFOA	H	23.9
B8H0014-MS1	B8H0014-MS1	PFAS Isotope Dilution Method	13C8-PFOA	H	29.4
B8H0014-MSD1	B8H0014-MSD1	PFAS Isotope Dilution Method	13C8-PFOA	H	38.5

H = Recovery was outside laboratory acceptance criteria.

In addition, the laboratory QC officer must read and sign a copy of the Quality Assurance Review Form displayed on the next page of this Attachment. Electronic deliverables are not considered to be complete without the accompanying Quality Assurance Review Form.

I Martha Moier, as the designated Quality Assurance Officer, hereby attest that all electronic deliverables have been thoroughly reviewed and are in agreement with the associated hardcopy data. The enclosed electronic files have been reviewed for accuracy (including significant figures), completeness and format. The laboratory will be responsible for any labor time necessary to correct enclosed electronic deliverables that have been found to be in error. I can be reached at (916) 673-1520 If there are any questions or problems with the enclosed electronic deliverables.

Signature: Martha Moier Title: President Date: 9/17/18

Revision 9
ISG
08/18/16

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1802094-01	FC-MW025R1-20180726	26-Jul-18 10:15	28-Jul-18 09:23	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1802094-02	SA-PZ163I-20180726	26-Jul-18 13:45	28-Jul-18 09:23	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1802094-03	SA-PZ181I-20180726	26-Jul-18 09:45	28-Jul-18 09:23	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1802094-04	SA-PZ182I-20180726	26-Jul-18 11:55	28-Jul-18 09:23	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1802094-05	SA-PZ145I-20180726	26-Jul-18 15:15	28-Jul-18 09:23	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1802094-06	SA-PZ145D-20180726	26-Jul-18 15:15	28-Jul-18 09:23	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1802094-07	SA-MW128I-20180726	26-Jul-18 12:50	28-Jul-18 09:23	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1802094-08	SA-PZ144I-20180726	26-Jul-18 09:50	28-Jul-18 09:23	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1802094-09	SA-PZ144S-20180726	26-Jul-18 11:10	28-Jul-18 09:23	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1802094-10	SA-PZ171I-20180727	MS/MSD27-Jul-18 10:15	28-Jul-18 09:23	HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1802094-11	SA-SW201-20180727	27-Jul-18 09:08	28-Jul-18 09:23	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1802094-12	SA-SW204-20180727	27-Jul-18 08:50	28-Jul-18 09:23	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1802094-13	SA-SW301-20180727	27-Jul-18 10:00	28-Jul-18 09:23	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1802094-14	EB01-072618	26-Jul-18 12:45	28-Jul-18 09:23	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1802094-15	FRB01-072618	26-Jul-18 12:30	28-Jul-18 09:23	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1802094-16	GW01-072618	26-Jul-18 11:00	28-Jul-18 09:23	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1802094-17	SA-DUP-01-20180726	26-Jul-18 12:00	28-Jul-18 09:23	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1802094-18	EB02-072718	27-Jul-18 09:30	28-Jul-18 09:23	HDPE Bottle, 125 mL

Vista Project: 1802094

Client Project: Calverton 6A

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1802094-18	EB02-072718	27-Jul-18 09:30	28-Jul-18 09:23	HDPE Bottle, 125 mL
1802094-19	FRB02-072718	27-Jul-18 09:45	28-Jul-18 09:23	HDPE Bottle, 125 mL HDPE Bottle, 125 mL

ANALYTICAL RESULTS

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data					Laboratory Data							
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	B8H0014-BLK1	Column:	BEH C18				
Project:	Calverton 6A											

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFPeA	2706-90-3	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFBS	375-73-5	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFHxA	307-24-4	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFHpA	375-85-9	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFHxS	355-46-4	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
6:2 FTS	27619-97-2	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFOA	335-67-1	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFHpS	375-92-8	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFNA	375-95-1	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFOSA	754-91-6	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFOS	1763-23-1	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFDA	335-76-2	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
8:2 FTS	39108-34-4	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
MeFOSAA	2355-31-9	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
EtFOSAA	2991-50-6	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFUnA	2058-94-8	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFDS	335-77-3	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFDoA	307-55-1	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFTTrDA	72629-94-8	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
PFTeDA	376-06-7	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	99.9	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
13C3-PFPeA	IS	94.6	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
13C3-PFBS	IS	113	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
13C2-PFHxA	IS	97.8	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
13C4-PFHpA	IS	104	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
18O2-PFHxS	IS	98.0	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
13C2-PFOA	IS	90.5	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
13C5-PFNA	IS	79.2	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
13C8-PFOSA	IS	34.6	50 - 150	H	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
13C8-PFOS	IS	95.9	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
13C2-PFDA	IS	71.6	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
d3-MeFOSAA	IS	61.1	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
d5-EtFOSAA	IS	64.8	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1

Sample ID: Method Blank **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	B8H0014-BLK1	Column:	BEH C18
Project:	Calverton 6A						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFUnA	IS	64.0	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
13C2-PFDoA	IS	65.9	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1
13C2-PFTeDA	IS	71.1	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	B8H0014-BS1	Column:	BEH C18				
Project:	Calverton 6A										

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	39.2	40.0	98.1	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFPeA	2706-90-3	41.0	40.0	102	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFBS	375-73-5	39.4	40.0	98.4	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFHxA	307-24-4	42.0	40.0	105	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFHpA	375-85-9	41.0	40.0	102	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFHxS	355-46-4	42.7	40.0	107	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
6:2 FTS	27619-97-2	43.5	40.0	109	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFOA	335-67-1	41.5	40.0	104	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFHpS	375-92-8	45.2	40.0	113	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFNA	375-95-1	38.4	40.0	96.0	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFOSA	754-91-6	38.9	40.0	97.3	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFOS	1763-23-1	43.6	40.0	109	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFDA	335-76-2	40.7	40.0	102	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
8:2 FTS	39108-34-4	42.5	40.0	106	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
MeFOSAA	2355-31-9	39.8	40.0	99.6	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
EtFOSAA	2991-50-6	38.8	40.0	96.9	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFUnA	2058-94-8	42.6	40.0	106	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFDS	335-77-3	41.1	40.0	103	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFDoA	307-55-1	42.2	40.0	106	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFTTrDA	72629-94-8	43.0	40.0	107	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFTeDA	376-06-7	42.6	40.0	107	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	102	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
13C3-PFPeA	IS	97.2	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
13C3-PFBS	IS	111	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
13C2-PFHxA	IS	97.6	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
13C4-PFHpA	IS	97.3	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
18O2-PFHxS	IS	100	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
13C2-PFOA	IS	94.0	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
13C5-PFNA	IS	89.3	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
13C8-PFOSA	IS	23.9	50- 150	H	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
13C8-PFOS	IS	96.9	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
13C2-PFDA	IS	78.9	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
d3-MeFOSAA	IS	69.9	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
d5-EtFOSAA	IS	76.0	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1

Sample ID: OPR					PFAS Isotope Dilution Method					
Client Data					Laboratory Data					
Name:	Tetra Tech		Matrix:	Aqueous	Lab Sample:	B8H0014-BS1	Column:	BEH C18		
Project:	Calverton 6A									
Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-PFUnA	IS	69.4	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1	
13C2-PFDoA	IS	75.3	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1	
13C2-PFTeDA	IS	78.7	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1	

Sample ID: FC-MW025R1-20180726

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-01	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	26-Jul-18 10:15		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFPeA	2706-90-3	15.0	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFBS	375-73-5	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFHxA	307-24-4	14.2	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFHpA	375-85-9	5.83	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFHxS	355-46-4	1.79	1.38	2.52	4.03	J	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
6:2 FTS	27619-97-2	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFOA	335-67-1	24.2	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFHpS	375-92-8	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFNA	375-95-1	192	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFOSA	754-91-6	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFOS	1763-23-1	12.8	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFDA	335-76-2	84.6	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
8:2 FTS	39108-34-4	5.96	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
MeFOSAA	2355-31-9	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
EtFOSAA	2991-50-6	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFUnA	2058-94-8	1710	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFDS	335-77-3	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFDoA	307-55-1	2.38	1.38	2.52	4.03	J	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFTTrDA	72629-94-8	4.08	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFTeDA	376-06-7	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	96.1	50 - 150			B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C3-PFPeA	IS	88.8	50 - 150			B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C3-PFBS	IS	105	50 - 150			B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C2-PFHxA	IS	95.9	50 - 150			B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C4-PFHpA	IS	95.8	50 - 150			B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
18O2-PFHxS	IS	91.4	50 - 150			B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C2-PFOA	IS	83.6	50 - 150			B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C5-PFNA	IS	77.3	50 - 150			B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C8-PFOSA	IS	38.8	50 - 150		H	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C8-PFOS	IS	72.3	50 - 150			B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C2-PFDA	IS	63.6	50 - 150			B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
d3-MeFOSAA	IS	62.4	50 - 150			B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1

Sample ID: FC-MW025R1-20180726 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-01	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	26-Jul-18 10:15	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	61.1	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C2-PFUnA	IS	60.4	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C2-PFDoA	IS	62.8	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C2-PFTeDA	IS	94.1	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: SA-PZ163I-20180726

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-02		Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	26-Jul-18 13:45		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFPeA	2706-90-3	9.62	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFBS	375-73-5	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFHxA	307-24-4	8.98	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFHpA	375-85-9	14.6	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFHxS	355-46-4	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
6:2 FTS	27619-97-2	4.38	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFOA	335-67-1	25.8	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFHpS	375-92-8	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFNA	375-95-1	737	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFOSA	754-91-6	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFOS	1763-23-1	3.49	1.41	2.57	4.11	J	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFDA	335-76-2	67.7	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
8:2 FTS	39108-34-4	2.73	1.41	2.57	4.11	J	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
MeFOSAA	2355-31-9	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
EtFOSAA	2991-50-6	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFUnA	2058-94-8	511	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFDS	335-77-3	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFDoA	307-55-1	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFTTrDA	72629-94-8	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFTeDA	376-06-7	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	98.8	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
13C3-PFPeA	IS	93.2	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
13C3-PFBS	IS	108	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
13C2-PFHxA	IS	93.2	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
13C4-PFHpA	IS	96.3	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
18O2-PFHxS	IS	92.5	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
13C2-PFOA	IS	82.0	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
13C5-PFNA	IS	72.4	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
13C8-PFOSA	IS	30.6	50 - 150		H	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
13C8-PFOS	IS	69.7	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
13C2-PFDA	IS	56.3	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
d3-MeFOSAA	IS	47.6	50 - 150		H	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1

Sample ID: SA-PZ163I-20180726 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-02	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	26-Jul-18 13:45	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	45.6	50 - 150	H	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
13C2-PFUnA	IS	51.9	50 - 150		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
13C2-PFDoA	IS	52.1	50 - 150		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
13C2-PFTeDA	IS	60.0	50 - 150		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: SA-PZ181I-20180726

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-03		Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	26-Jul-18 09:45		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	2.06	1.36	2.49	3.98	J	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFPeA	2706-90-3	4.73	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFBS	375-73-5	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFHxA	307-24-4	4.31	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFHpA	375-85-9	6.01	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFHxS	355-46-4	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
6:2 FTS	27619-97-2	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFOA	335-67-1	9.84	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFHpS	375-92-8	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFNA	375-95-1	101	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFOSA	754-91-6	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFOS	1763-23-1	13.2	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFDA	335-76-2	3.43	1.36	2.49	3.98	J	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
8:2 FTS	39108-34-4	10.2	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
MeFOSAA	2355-31-9	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
EtFOSAA	2991-50-6	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFUnA	2058-94-8	92.5	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFDS	335-77-3	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFDoA	307-55-1	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFTTrDA	72629-94-8	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
PFTeDA	376-06-7	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.4	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
13C3-PFPeA	IS	95.6	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
13C3-PFBS	IS	129	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
13C2-PFHxA	IS	96.0	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
13C4-PFHpA	IS	97.3	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
18O2-PFHxS	IS	96.3	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
13C2-PFOA	IS	89.2	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
13C5-PFNA	IS	85.3	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
13C8-PFOSA	IS	36.5	50 - 150	H	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
13C8-PFOS	IS	90.3	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
13C2-PFDA	IS	86.4	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
d3-MeFOSAA	IS	75.3	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1

Sample ID: SA-PZ181I-20180726 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-03	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	26-Jul-18 09:45	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	75.3	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
13C2-PFUnA	IS	80.9	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
13C2-PFDoA	IS	88.1	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1
13C2-PFTeDA	IS	82.5	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: SA-PZ182I-20180726

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-04		Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	26-Jul-18 11:55		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFPeA	2706-90-3	1.63	1.42	2.60	4.16	J	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFBS	375-73-5	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFHxA	307-24-4	1.88	1.42	2.60	4.16	J	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFHpA	375-85-9	3.19	1.42	2.60	4.16	J	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFHxS	355-46-4	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
6:2 FTS	27619-97-2	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFOA	335-67-1	5.80	1.42	2.60	4.16		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFHpS	375-92-8	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFNA	375-95-1	63.1	1.42	2.60	4.16		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFOSA	754-91-6	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFOS	1763-23-1	7.51	1.42	2.60	4.16		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFDA	335-76-2	2.29	1.42	2.60	4.16	J	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
8:2 FTS	39108-34-4	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
MeFOSAA	2355-31-9	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
EtFOSAA	2991-50-6	7.70	1.42	2.60	4.16		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFUnA	2058-94-8	55.7	1.42	2.60	4.16		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFDS	335-77-3	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFDoA	307-55-1	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFTTrDA	72629-94-8	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
PFTeDA	376-06-7	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	101	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
13C3-PFPeA	IS	100	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
13C3-PFBS	IS	126	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
13C2-PFHxA	IS	99.9	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
13C4-PFHpA	IS	101	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
18O2-PFHxS	IS	94.3	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
13C2-PFOA	IS	91.2	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
13C5-PFNA	IS	87.0	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
13C8-PFOSA	IS	31.1	50 - 150		H	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
13C8-PFOS	IS	97.7	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
13C2-PFDA	IS	74.4	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
d3-MeFOSAA	IS	64.7	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1

Sample ID: SA-PZ182I-20180726 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-04	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	26-Jul-18 11:55	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	59.0	50 - 150		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
13C2-PFUnA	IS	67.4	50 - 150		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
13C2-PFDoA	IS	73.8	50 - 150		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1
13C2-PFTeDA	IS	69.3	50 - 150		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: SA-PZ145I-20180726

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-05	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	26-Jul-18 15:15		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	7.03	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
PFPeA	2706-90-3	28.0	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
PFBS	375-73-5	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
PFHxA	307-24-4	21.8	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
PFHpA	375-85-9	62.1	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
PFHxS	355-46-4	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
6:2 FTS	27619-97-2	29.2	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
PFOA	335-67-1	74.2	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
PFHpS	375-92-8	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
PFNA	375-95-1	2140	6.78	12.4	19.8	D	B8H0014	07-Aug-18	0.253 L	26-Aug-18 17:34	5
PFOSA	754-91-6	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
PFOS	1763-23-1	5.34	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
PFDA	335-76-2	25.4	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
8:2 FTS	39108-34-4	5.71	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
MeFOSAA	2355-31-9	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
EtFOSAA	2991-50-6	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
PFUnA	2058-94-8	322	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
PFDS	335-77-3	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
PFDoA	307-55-1	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
PFTTrDA	72629-94-8	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
PFTeDA	376-06-7	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	99.2	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
13C3-PFPeA	IS	91.6	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
13C3-PFBS	IS	108	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
13C2-PFHxA	IS	94.8	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
13C4-PFHpA	IS	94.3	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
18O2-PFHxS	IS	98.2	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
13C2-PFOA	IS	85.9	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
13C5-PFNA	IS	80.1	50 - 150		D	B8H0014	07-Aug-18	0.253 L	26-Aug-18 17:34	5
13C8-PFOSA	IS	34.3	50 - 150		H	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
13C8-PFOS	IS	95.3	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
13C2-PFDA	IS	73.7	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
d3-MeFOSAA	IS	63.5	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1

Sample ID: SA-PZ145I-20180726 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-05	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	26-Jul-18 15:15	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	63.0	50 - 150		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
13C2-PFUnA	IS	61.9	50 - 150		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
13C2-PFDoA	IS	64.0	50 - 150		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1
13C2-PFTeDA	IS	71.6	50 - 150		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: SA-PZ145D-20180726

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-06	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	26-Jul-18 15:15		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	5.47	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
PFPeA	2706-90-3	14.2	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
PFBS	375-73-5	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
PFHxA	307-24-4	14.7	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
PFHpA	375-85-9	26.8	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
PFHxS	355-46-4	7.51	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
6:2 FTS	27619-97-2	14.4	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
PFOA	335-67-1	64.1	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
PFHpS	375-92-8	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
PFNA	375-95-1	2350	6.90	12.6	20.2	D	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:45	5
PFOSA	754-91-6	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
PFOS	1763-23-1	5.93	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
PFDA	335-76-2	46.4	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
8:2 FTS	39108-34-4	7.71	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
MeFOSAA	2355-31-9	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
EtFOSAA	2991-50-6	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
PFUnA	2058-94-8	160	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
PFDS	335-77-3	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
PFDoA	307-55-1	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
PFTTrDA	72629-94-8	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
PFTeDA	376-06-7	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.5	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
13C3-PFPeA	IS	96.7	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
13C3-PFBS	IS	109	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
13C2-PFHxA	IS	93.5	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
13C4-PFHpA	IS	97.8	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
18O2-PFHxS	IS	81.7	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
13C2-PFOA	IS	77.7	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
13C5-PFNA	IS	68.9	50 - 150		D	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:45	5
13C8-PFOSA	IS	21.4	50 - 150		H	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
13C8-PFOS	IS	76.8	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
13C2-PFDA	IS	58.2	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
d3-MeFOSAA	IS	43.9	50 - 150		H	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1

Sample ID: SA-PZ145D-20180726 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-06	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	26-Jul-18 15:15	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	44.6	50 - 150	H	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
13C2-PFUnA	IS	49.8	50 - 150	H	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
13C2-PFDoA	IS	51.7	50 - 150		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1
13C2-PFTeDA	IS	62.2	50 - 150		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: SA-MW128I-20180726

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-07		Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	26-Jul-18 12:50		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	7.46	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
PFPeA	2706-90-3	23.9	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
PFBS	375-73-5	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
PFHxA	307-24-4	22.6	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
PFHpA	375-85-9	62.6	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
PFHxS	355-46-4	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
6:2 FTS	27619-97-2	38.3	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
PFOA	335-67-1	78.7	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
PFHpS	375-92-8	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
PFNA	375-95-1	2060	6.77	12.4	19.8	D	B8H0014	07-Aug-18	0.253 L	13-Sep-18 10:16	5
PFOSA	754-91-6	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
PFOS	1763-23-1	4.93	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
PFDA	335-76-2	46.4	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
8:2 FTS	39108-34-4	5.31	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
MeFOSAA	2355-31-9	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
EtFOSAA	2991-50-6	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
PfUnA	2058-94-8	287	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
PFDS	335-77-3	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
PFDoA	307-55-1	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
PFTTrDA	72629-94-8	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
PFTeDA	376-06-7	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	99.8	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
13C3-PFPeA	IS	94.6	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
13C3-PFBS	IS	109	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
13C2-PFHxA	IS	93.0	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
13C4-PFHpA	IS	98.7	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
18O2-PFHxS	IS	90.7	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
13C2-PFOA	IS	85.2	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
13C5-PFNA	IS	77.2	50 - 150	D	B8H0014	07-Aug-18	0.253 L	13-Sep-18 10:16	5
13C8-PFOSA	IS	25.4	50 - 150	H	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
13C8-PFOS	IS	81.7	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
13C2-PFDA	IS	64.3	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
d3-MeFOSAA	IS	50.6	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1

Sample ID: SA-MW128I-20180726 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-07	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	26-Jul-18 12:50	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	52.5	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
13C2-PFUnA	IS	56.1	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
13C2-PFDoA	IS	57.7	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1
13C2-PFTeDA	IS	65.6	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: SA-PZ144I-20180726

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-08		Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	26-Jul-18 09:50		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFPeA	2706-90-3	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFBS	375-73-5	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFHxA	307-24-4	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFHpA	375-85-9	1.98	1.28	2.32	3.72	J	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFHxS	355-46-4	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
6:2 FTS	27619-97-2	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFOA	335-67-1	4.37	1.28	2.32	3.72		B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFHpS	375-92-8	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFNA	375-95-1	13.6	1.28	2.32	3.72		B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFOSA	754-91-6	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFOS	1763-23-1	4.05	1.28	2.32	3.72		B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFDA	335-76-2	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
8:2 FTS	39108-34-4	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
MeFOSAA	2355-31-9	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
EtFOSAA	2991-50-6	2.94	1.28	2.32	3.72	J	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFUnA	2058-94-8	1.64	1.28	2.32	3.72	J	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFDS	335-77-3	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFDoA	307-55-1	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFTTrDA	72629-94-8	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
PFTeDA	376-06-7	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	115	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
13C3-PFPeA	IS	107	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
13C3-PFBS	IS	136	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
13C2-PFHxA	IS	111	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
13C4-PFHpA	IS	116	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
18O2-PFHxS	IS	96.6	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
13C2-PFOA	IS	94.3	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
13C5-PFNA	IS	92.8	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
13C8-PFOSA	IS	30.6	50 - 150		H	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
13C8-PFOS	IS	96.9	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
13C2-PFDA	IS	82.5	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
d3-MeFOSAA	IS	71.6	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1

Sample ID: SA-PZ144I-20180726 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-08	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	26-Jul-18 09:50	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	74.3	50 - 150		B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
13C2-PFUnA	IS	75.7	50 - 150		B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
13C2-PFDoA	IS	79.7	50 - 150		B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
13C2-PFTeDA	IS	77.0	50 - 150		B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: SA-PZ144S-20180726

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-09		Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	26-Jul-18 11:10		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	2.19	1.35	2.46	3.93	J	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFPeA	2706-90-3	3.05	1.35	2.46	3.93	J	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFBS	375-73-5	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFHxA	307-24-4	3.20	1.35	2.46	3.93	J	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFHpA	375-85-9	3.28	1.35	2.46	3.93	J	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFHxS	355-46-4	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
6:2 FTS	27619-97-2	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFOA	335-67-1	6.12	1.35	2.46	3.93		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFHpS	375-92-8	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFNA	375-95-1	58.6	1.35	2.46	3.93		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFOSA	754-91-6	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFOS	1763-23-1	2.77	1.35	2.46	3.93	J	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFDA	335-76-2	3.98	1.35	2.46	3.93		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
8:2 FTS	39108-34-4	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
MeFOSAA	2355-31-9	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
EtFOSAA	2991-50-6	1.35	1.35	2.46	3.93	J	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFUnA	2058-94-8	61.8	1.35	2.46	3.93		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFDS	335-77-3	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFDoA	307-55-1	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFTTrDA	72629-94-8	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
PFTeDA	376-06-7	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	108	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
13C3-PFPeA	IS	102	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
13C3-PFBS	IS	111	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
13C2-PFHxA	IS	104	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
13C4-PFHpA	IS	104	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
18O2-PFHxS	IS	94.4	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
13C2-PFOA	IS	87.1	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
13C5-PFNA	IS	77.6	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
13C8-PFOSA	IS	31.0	50 - 150		H	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
13C8-PFOS	IS	80.4	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
13C2-PFDA	IS	68.5	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
d3-MeFOSAA	IS	57.1	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1

Sample ID: SA-PZ144S-20180726 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-09	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	26-Jul-18 11:10	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	56.7	50 - 150		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
13C2-PFUnA	IS	65.7	50 - 150		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
13C2-PFDoA	IS	63.6	50 - 150		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1
13C2-PFTeDA	IS	73.1	50 - 150		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1

DL - Detection Limit LOD - Limit of Detection Results reported to the DL. When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

LOQ - Limit of quantitation

Sample ID: SA-PZ171I-20180727

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-10		Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	27-Jul-18 10:15		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFPeA	2706-90-3	8.23	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFBS	375-73-5	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFHxA	307-24-4	9.10	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFHpA	375-85-9	19.5	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFHxS	355-46-4	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
6:2 FTS	27619-97-2	12.0	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFOA	335-67-1	36.0	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFHpS	375-92-8	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFNA	375-95-1	1090	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFOSA	754-91-6	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFOS	1763-23-1	8.31	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFDA	335-76-2	27.9	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
8:2 FTS	39108-34-4	4.80	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
MeFOSAA	2355-31-9	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
EtFOSAA	2991-50-6	5.66	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFUnA	2058-94-8	653	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFDS	335-77-3	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFDoA	307-55-1	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFTTrDA	72629-94-8	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
PFTeDA	376-06-7	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.6	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
13C3-PFPeA	IS	89.2	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
13C3-PFBS	IS	117	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
13C2-PFHxA	IS	95.7	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
13C4-PFHpA	IS	98.2	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
18O2-PFHxS	IS	89.8	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
13C2-PFOA	IS	87.2	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
13C5-PFNA	IS	78.0	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
13C8-PFOSA	IS	35.9	50 - 150		H	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
13C8-PFOS	IS	88.1	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
13C2-PFDA	IS	69.1	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
d3-MeFOSAA	IS	65.6	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1

Sample ID: SA-PZ171I-20180727 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-10	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	27-Jul-18 10:15	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	61.8	50 - 150		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
13C2-PFUnA	IS	65.0	50 - 150		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
13C2-PFDoA	IS	61.3	50 - 150		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1
13C2-PFTeDA	IS	75.7	50 - 150		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1

DL - Detection Limit LOD - Limit of Detection Results reported to the DL. When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

LOQ - Limit of quantitation

Sample ID: SA-PZ1711-20180727

PFAS Isotope Dilution Method

Name: Tetra Tech	Lab Sample: B8H0014-MS1/B8H0014-MSD1	Source Lab Sample: 1802094-10
Project: Calverton 6A	QC Batch: B8H0014	Date Extracted: 07-Aug-18
Matrix: Aqueous	Samp Size: 0.253/0.256 L	Column: BEH C18

Analyte	CAS Number	Sample (ng/L)	MS (ng/L)	MS Spike Amt	MS % Rec	MS Quals	MSD (ng/L)	MSD Spike Amt	MSD % Rec	MSD RPD	MSD Quals	%Rec Limits	RPD Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
PFBA	375-22-4	ND	39.8	39.6	101		38.9	39.0	99.7	1.30		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFPeA	2706-90-3	8.23	50.1	39.6	106		49.9	39.0	107	0.939		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFBS	375-73-5	ND	39.7	39.6	100		41.5	39.0	106	5.83		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFHxA	307-24-4	9.10	50.6	39.6	105		50.5	39.0	106	0.948		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFHpA	375-85-9	19.5	57.0	39.6	94.7		58.4	39.0	99.6	5.04		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFHxS	355-46-4	ND	42.0	39.6	103		41.0	39.0	102	0.976		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
6:2 FTS	27619-97-2	12.0	53.6	39.6	105		57.5	39.0	117	10.8		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFOA	335-67-1	36.0	81.2	39.6	114		80.6	39.0	114	0		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFHpS	375-92-8	ND	44.4	39.6	112		44.4	39.0	114	1.77		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFNA	375-95-1	1090	1100	39.6	20.8	H	1080	39.0	-23.7	3070	H	70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFOSA	754-91-6	ND	39.7	39.6	100		41.2	39.0	106	5.83		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFOS	1763-23-1	8.31	50.7	39.6	107		51.6	39.0	111	3.67		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFDA	335-76-2	27.9	62.9	39.6	88.4		64.5	39.0	93.8	5.93		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
8:2 FTS	39108-34-4	4.80	41.3	39.6	92.2		47.4	39.0	109	16.7		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
MeFOSAA	2355-31-9	ND	40.4	39.6	102		36.9	39.0	94.7	7.42		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
EtFOSAA	2991-50-6	5.66	45.3	39.6	100		43.4	39.0	96.7	3.36		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFUnA	2058-94-8	653	737	39.6	212	H	746	39.0	237	11.1	H	70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFDS	335-77-3	ND	39.5	39.6	99.9		40.2	39.0	103	3.06		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFDoA	307-55-1	ND	40.7	39.6	103		43.8	39.0	112	8.37		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFTTrDA	72629-94-8	ND	41.1	39.6	104		42.1	39.0	108	3.77		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFTeDA	376-06-7	ND	43.6	39.6	110		48.7	39.0	125	12.8		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C3-PFBA	IS	98.3		99.5		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
13C3-PFPeA	IS	93.8		92.5		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
13C3-PFBS	IS	107		116		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
13C2-PFHxA	IS	94.8		97.0		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
13C4-PFHpA	IS	98.8		103		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
18O2-PFHxS	IS	93.4		92.1		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
13C2-PFOA	IS	85.3		87.9		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
13C5-PFNA	IS	84.5		85.4		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
13C8-PFOSA	IS	29.4	H	38.5	H	50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
13C8-PFOS	IS	96.2		94.2		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
13C2-PFDA	IS	81.6		81.2		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
d3-MeFOSAA	IS	88.4		98.8		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1

Sample ID: SA-PZ1711-20180727
PFAS Isotope Dilution Method

Name:	Tetra Tech	Lab Sample:	B8H0014-MS1/B8H0014-MSD1	Source Lab Sample:	1802094-10
Project:	Calverton 6A	QC Batch:	B8H0014	Date Extracted:	07-Aug-18
Matrix:	Aqueous	Samp Size:	0.253/0.256 L	Column:	BEH C18

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
d5-EtFOSAA	IS	82.8		86.4		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
13C2-PFUnA	IS	80.9		78.7		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
13C2-PFDoA	IS	84.7		78.2		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
13C2-PFTeDA	IS	101		83.7		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1

Sample ID: SA-SW201-20180727

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-11	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	27-Jul-18 09:08		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	3.53	3.23	5.90	9.44	J	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFPeA	2706-90-3	4.02	3.23	5.90	9.44	J	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFBS	375-73-5	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFHxA	307-24-4	3.71	3.23	5.90	9.44	J	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFHpA	375-85-9	3.55	3.23	5.90	9.44	J	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFHxS	355-46-4	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
6:2 FTS	27619-97-2	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFOA	335-67-1	6.33	3.23	5.90	9.44	J	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFHpS	375-92-8	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFNA	375-95-1	29.9	3.23	5.90	9.44		B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFOSA	754-91-6	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFOS	1763-23-1	3.58	3.23	5.90	9.44	J	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFDA	335-76-2	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
8:2 FTS	39108-34-4	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
MeFOSAA	2355-31-9	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
EtFOSAA	2991-50-6	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFUnA	2058-94-8	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFDS	335-77-3	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFDoA	307-55-1	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFTTrDA	72629-94-8	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
PFTeDA	376-06-7	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	90.5	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
13C3-PFPeA	IS	86.4	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
13C3-PFBS	IS	106	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
13C2-PFHxA	IS	86.5	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
13C4-PFHpA	IS	82.0	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
18O2-PFHxS	IS	88.0	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
13C2-PFOA	IS	73.2	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
13C5-PFNA	IS	72.8	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
13C8-PFOSA	IS	33.6	50 - 150		H	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
13C8-PFOS	IS	75.0	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
13C2-PFDA	IS	62.1	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
d3-MeFOSAA	IS	61.4	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1

Sample ID: SA-SW201-20180727 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-11	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	27-Jul-18 09:08	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	64.6	50 - 150		B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
13C2-PFUnA	IS	63.2	50 - 150		B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
13C2-PFDoA	IS	63.3	50 - 150		B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1
13C2-PFTeDA	IS	71.0	50 - 150		B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: SA-SW204-20180727

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-12		Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	27-Jul-18 08:50		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	5.19	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFPeA	2706-90-3	8.30	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFBS	375-73-5	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFHxA	307-24-4	6.29	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFHpA	375-85-9	5.82	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFHxS	355-46-4	5.48	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
6:2 FTS	27619-97-2	5.39	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFOA	335-67-1	8.81	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFHpS	375-92-8	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFNA	375-95-1	89.9	3.12	5.68	9.11		B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFOSA	754-91-6	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFOS	1763-23-1	12.2	3.12	5.68	9.11		B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFDA	335-76-2	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
8:2 FTS	39108-34-4	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
MeFOSAA	2355-31-9	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
EtFOSAA	2991-50-6	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFUnA	2058-94-8	3.92	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFDS	335-77-3	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFDoA	307-55-1	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFTTrDA	72629-94-8	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
PFTeDA	376-06-7	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.5	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
13C3-PFPeA	IS	90.9	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
13C3-PFBS	IS	107	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
13C2-PFHxA	IS	91.2	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
13C4-PFHpA	IS	87.5	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
18O2-PFHxS	IS	86.6	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
13C2-PFOA	IS	79.5	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
13C5-PFNA	IS	73.4	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
13C8-PFOSA	IS	34.5	50 - 150		H	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
13C8-PFOS	IS	79.6	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
13C2-PFDA	IS	70.3	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
d3-MeFOSAA	IS	56.5	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1

Sample ID: SA-SW204-20180727 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-12	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	27-Jul-18 08:50	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	57.3	50 - 150		B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
13C2-PFUnA	IS	65.6	50 - 150		B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
13C2-PFDoA	IS	63.8	50 - 150		B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1
13C2-PFTeDA	IS	64.8	50 - 150		B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1

DL - Detection Limit LOD - Limit of Detection Results reported to the DL. When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

LOQ - Limit of quantitation

Sample ID: SA-SW301-20180727

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-13		Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	27-Jul-18 10:00		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFPeA	2706-90-3	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFBS	375-73-5	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFHxA	307-24-4	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFHpA	375-85-9	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFHxS	355-46-4	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
6:2 FTS	27619-97-2	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFOA	335-67-1	4.78	3.29	6.01	9.60	J	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFHpS	375-92-8	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFNA	375-95-1	54.7	3.29	6.01	9.60		B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFOSA	754-91-6	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFOS	1763-23-1	3.62	3.29	6.01	9.60	J	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFDA	335-76-2	25.1	3.29	6.01	9.60		B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
8:2 FTS	39108-34-4	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
MeFOSAA	2355-31-9	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
EtFOSAA	2991-50-6	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFUnA	2058-94-8	55.9	3.29	6.01	9.60		B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFDS	335-77-3	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFDoA	307-55-1	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFTTrDA	72629-94-8	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
PFTeDA	376-06-7	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.2	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
13C3-PFPeA	IS	91.9	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
13C3-PFBS	IS	105	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
13C2-PFHxA	IS	93.9	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
13C4-PFHpA	IS	95.4	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
18O2-PFHxS	IS	93.7	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
13C2-PFOA	IS	82.6	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
13C5-PFNA	IS	78.1	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
13C8-PFOSA	IS	51.1	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
13C8-PFOS	IS	88.5	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
13C2-PFDA	IS	73.3	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
d3-MeFOSAA	IS	67.3	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1

Sample ID: SA-SW301-20180727 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-13	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	27-Jul-18 10:00	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	61.3	50 - 150		B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
13C2-PFUnA	IS	67.1	50 - 150		B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
13C2-PFDoA	IS	68.0	50 - 150		B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1
13C2-PFTeDA	IS	64.9	50 - 150		B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1

DL - Detection Limit LOD - Limit of Detection Results reported to the DL. When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

LOQ - Limit of quantitation

Sample ID: EB01-072618

PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-14	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	26-Jul-18 12:45	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFPeA	2706-90-3	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFBS	375-73-5	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFHxA	307-24-4	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFHpA	375-85-9	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFHxS	355-46-4	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
6:2 FTS	27619-97-2	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFOA	335-67-1	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFHpS	375-92-8	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFNA	375-95-1	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFOSA	754-91-6	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFOS	1763-23-1	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFDA	335-76-2	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
8:2 FTS	39108-34-4	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
MeFOSAA	2355-31-9	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
EtFOSAA	2991-50-6	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFUnA	2058-94-8	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFDS	335-77-3	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFDoA	307-55-1	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFTTrDA	72629-94-8	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
PFTeDA	376-06-7	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.7	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
13C3-PFPeA	IS	88.9	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
13C3-PFBS	IS	105	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
13C2-PFHxA	IS	90.1	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
13C4-PFHpA	IS	94.0	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
18O2-PFHxS	IS	94.1	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
13C2-PFOA	IS	82.3	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
13C5-PFNA	IS	75.8	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
13C8-PFOSA	IS	35.9	50 - 150	H	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
13C8-PFOS	IS	85.7	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
13C2-PFDA	IS	78.4	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
d3-MeFOSAA	IS	69.1	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1

Sample ID: EB01-072618 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-14	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	26-Jul-18 12:45	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	68.1	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
13C2-PFUnA	IS	69.3	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
13C2-PFDoA	IS	73.0	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1
13C2-PFTeDA	IS	69.9	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: FRB01-072618

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-15		Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	26-Jul-18 12:30		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFPeA	2706-90-3	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFBS	375-73-5	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFHxA	307-24-4	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFHpA	375-85-9	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFHxS	355-46-4	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
6:2 FTS	27619-97-2	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFOA	335-67-1	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFHpS	375-92-8	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFNA	375-95-1	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFOSA	754-91-6	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFOS	1763-23-1	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFDA	335-76-2	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
8:2 FTS	39108-34-4	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
MeFOSAA	2355-31-9	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
EtFOSAA	2991-50-6	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFUnA	2058-94-8	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFDS	335-77-3	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFDoA	307-55-1	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFTTrDA	72629-94-8	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
PFTeDA	376-06-7	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	95.3	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
13C3-PFPeA	IS	88.0	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
13C3-PFBS	IS	112	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
13C2-PFHxA	IS	91.1	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
13C4-PFHpA	IS	97.1	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
18O2-PFHxS	IS	93.0	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
13C2-PFOA	IS	86.8	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
13C5-PFNA	IS	81.4	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
13C8-PFOSA	IS	23.6	50 - 150		H	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
13C8-PFOS	IS	83.0	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
13C2-PFDA	IS	66.2	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
d3-MeFOSAA	IS	69.0	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1

Sample ID: FRB01-072618 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-15	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	26-Jul-18 12:30	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	67.2	50 - 150		B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
13C2-PFUnA	IS	62.7	50 - 150		B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
13C2-PFDoA	IS	75.9	50 - 150		B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1
13C2-PFTeDA	IS	79.1	50 - 150		B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1

DL - Detection Limit LOD - Limit of Detection Results reported to the DL. When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

LOQ - Limit of quantitation

Sample ID: GW01-072618

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-16		Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	26-Jul-18 11:00		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFPeA	2706-90-3	15.4	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFBS	375-73-5	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFHxA	307-24-4	14.7	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFHpA	375-85-9	4.87	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFHxS	355-46-4	1.79	1.36	2.49	3.98	J	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
6:2 FTS	27619-97-2	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFOA	335-67-1	24.6	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFHpS	375-92-8	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFNA	375-95-1	186	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFOSA	754-91-6	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFOS	1763-23-1	12.3	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFDA	335-76-2	85.7	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
8:2 FTS	39108-34-4	5.87	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
MeFOSAA	2355-31-9	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
EtFOSAA	2991-50-6	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFUnA	2058-94-8	1570	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFDS	335-77-3	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFDoA	307-55-1	2.61	1.36	2.49	3.98	J	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFTTrDA	72629-94-8	4.63	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
PFTeDA	376-06-7	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	92.9	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
13C3-PFPeA	IS	90.1	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
13C3-PFBS	IS	104	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
13C2-PFHxA	IS	92.6	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
13C4-PFHpA	IS	97.3	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
18O2-PFHxS	IS	92.4	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
13C2-PFOA	IS	81.4	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
13C5-PFNA	IS	76.1	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
13C8-PFOSA	IS	40.7	50 - 150		H	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
13C8-PFOS	IS	76.6	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
13C2-PFDA	IS	62.3	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
d3-MeFOSAA	IS	61.7	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1

Sample ID: GW01-072618 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-16	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	26-Jul-18 11:00	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	64.8	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
13C2-PFUnA	IS	63.1	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
13C2-PFDoA	IS	64.2	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1
13C2-PFTeDA	IS	93.6	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: SA-DUP-01-20180726

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-17		Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	26-Jul-18 12:00		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	2.25	1.31	2.39	3.83	J	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFPeA	2706-90-3	3.39	1.31	2.39	3.83	J	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFBS	375-73-5	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFHxA	307-24-4	3.35	1.31	2.39	3.83	J	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFHpA	375-85-9	3.54	1.31	2.39	3.83	J	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFHxS	355-46-4	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
6:2 FTS	27619-97-2	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFOA	335-67-1	6.68	1.31	2.39	3.83		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFHpS	375-92-8	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFNA	375-95-1	54.7	1.31	2.39	3.83		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFOSA	754-91-6	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFOS	1763-23-1	2.77	1.31	2.39	3.83	J	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFDA	335-76-2	4.54	1.31	2.39	3.83		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
8:2 FTS	39108-34-4	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
MeFOSAA	2355-31-9	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
EtFOSAA	2991-50-6	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFUnA	2058-94-8	70.6	1.31	2.39	3.83		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFDS	335-77-3	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFDoA	307-55-1	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFTTrDA	72629-94-8	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
PFTeDA	376-06-7	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	92.9	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
13C3-PFPeA	IS	86.6	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
13C3-PFBS	IS	112	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
13C2-PFHxA	IS	89.6	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
13C4-PFHpA	IS	93.9	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
18O2-PFHxS	IS	76.1	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
13C2-PFOA	IS	71.7	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
13C5-PFNA	IS	66.3	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
13C8-PFOSA	IS	23.7	50 - 150		H	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
13C8-PFOS	IS	68.4	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
13C2-PFDA	IS	53.6	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
d3-MeFOSAA	IS	47.6	50 - 150		H	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1

Sample ID: SA-DUP-01-20180726 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-17	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	26-Jul-18 12:00	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	52.3	50 - 150		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
13C2-PFUnA	IS	51.8	50 - 150		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
13C2-PFDoA	IS	53.5	50 - 150		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1
13C2-PFTeDA	IS	62.8	50 - 150		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1

DL - Detection Limit LOD - Limit of Detection Results reported to the DL. When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

LOQ - Limit of quantitation

Sample ID: EB02-072718

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-18		Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	27-Jul-18 09:30		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFPeA	2706-90-3	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFBS	375-73-5	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFHxA	307-24-4	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFHpA	375-85-9	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFHxS	355-46-4	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
6:2 FTS	27619-97-2	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFOA	335-67-1	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFHpS	375-92-8	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFNA	375-95-1	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFOSA	754-91-6	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFOS	1763-23-1	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFDA	335-76-2	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
8:2 FTS	39108-34-4	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
MeFOSAA	2355-31-9	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
EtFOSAA	2991-50-6	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFUnA	2058-94-8	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFDS	335-77-3	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFDoA	307-55-1	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFTTrDA	72629-94-8	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
PFTeDA	376-06-7	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	101	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
13C3-PFPeA	IS	99.0	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
13C3-PFBS	IS	118	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
13C2-PFHxA	IS	98.0	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
13C4-PFHpA	IS	101	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
18O2-PFHxS	IS	101	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
13C2-PFOA	IS	91.4	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
13C5-PFNA	IS	81.4	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
13C8-PFOSA	IS	32.4	50 - 150		H	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
13C8-PFOS	IS	96.6	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
13C2-PFDA	IS	76.3	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
d3-MeFOSAA	IS	73.0	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1

Sample ID: EB02-072718 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-18	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	27-Jul-18 09:30	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	70.9	50 - 150		B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
13C2-PFUnA	IS	71.5	50 - 150		B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
13C2-PFDoA	IS	67.9	50 - 150		B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1
13C2-PFTeDA	IS	79.7	50 - 150		B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: FRB02-072718

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-19		Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	27-Jul-18 09:45		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFPeA	2706-90-3	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFBS	375-73-5	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFHxA	307-24-4	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFHpA	375-85-9	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFHxS	355-46-4	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
6:2 FTS	27619-97-2	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFOA	335-67-1	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFHpS	375-92-8	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFNA	375-95-1	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFOSA	754-91-6	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFOS	1763-23-1	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFDA	335-76-2	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
8:2 FTS	39108-34-4	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
MeFOSAA	2355-31-9	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
EtFOSAA	2991-50-6	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFUnA	2058-94-8	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFDS	335-77-3	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFDoA	307-55-1	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFTTrDA	72629-94-8	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
PFTeDA	376-06-7	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1

Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	95.6	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
13C3-PFPeA	IS	90.1	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
13C3-PFBS	IS	105	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
13C2-PFHxA	IS	90.2	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
13C4-PFHpA	IS	94.3	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
18O2-PFHxS	IS	96.4	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
13C2-PFOA	IS	83.1	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
13C5-PFNA	IS	77.6	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
13C8-PFOSA	IS	17.7	50 - 150		H	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
13C8-PFOS	IS	87.9	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
13C2-PFDA	IS	62.6	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
d3-MeFOSAA	IS	59.6	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1

Sample ID: FRB02-072718 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-19	Column:	BEH C18
Project:	Calverton 6A	Date Collected:	27-Jul-18 09:45	Date Received:	28-Jul-18 09:23		
SDG:	WE05						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	60.4	50 - 150		B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
13C2-PFUnA	IS	51.6	50 - 150		B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
13C2-PFDoA	IS	49.8	50 - 150	H	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1
13C2-PFTeDA	IS	30.5	50 - 150	H	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
D	Dilution
DL	Detection limit
E	The associated compound concentration exceeded the calibration range of the instrument
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limits of Detection
LOQ	Limits of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
NA	Not applicable
ND	Not Detected
Q	Ion ratio outside of 70-130% of Standard Ratio. (DOD PFAS projects only)
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

CERTIFICATIONS

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	18-008-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-18
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Minnesota Department of Health	1322288
New Hampshire Environmental Accreditation Program	207717
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-009
Pennsylvania Department of Environmental Protection	014
Texas Commission on Environmental Quality	T104704189-18-8
Virginia Department of General Services	9077
Washington Department of Ecology	C584
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	Method
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23

MATRIX: Biological Tissue	
Description of Test	Method
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	Method
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537

MATRIX: Non-Potable Water	
Description of Test	Method
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	Method
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A



1 of 2
CHAIN OF CUSTODY

For Laboratory Use Only
 Work Order #: 1802094 Temp: 1.2 °C
 Storage ID: WR-2 Storage Secured: Yes No

Project ID: Calverton GA PO#: WE05 Sampler: Scott Anderson
 (name)

TAT Standard: 21 days
 (check one): Rush (surcharge may apply)
 14 days 7 days Specify: _____

Invoice to: Name Kristi Francisco Company Tetra Tech Inc. Address 5700 Lake Wright City Norfolk VA State VA Ph# 757-466-4902 Fax# _____

Relinquished by (printed name and signature) [Signature] Date 7/27/18 Time 1330 Received by (printed name and signature) Bettina Benedict Date 07/28/18 Time 0927
 Relinquished by (printed name and signature) _____ Date _____ Time _____ Received by (printed name and signature) _____ Date _____ Time _____

SHIP TO: Vista Analytical Laboratory
 1104 Windfield Way
 El Dorado Hills, CA 95762
 (916) 673-1520 * Fax (916) 673-0106
 Method of Shipment: Fed Ex
 Tracking No.: 8244 5963 9779
 ATTN: Sampler Receiving

Add Analysis(es) Requested
 Container(s)
 Mod. EPA Method 537
 EPA Method 537(DW only)

Sample ID	Date	Time	Location/Sample Description	Quantity	Type	Matrix	PFOS/PFOA	UCMR3 PFAS List 8	537 List: 14	Full List of 28	Other: Please List Below	PFOS/PFOA	UCMR3 PFAS List 8	PFAS List: 14	Comments
FC-MW025A1-20180726	7/26	1015	FC-MW025A1	2	P	AQ	X								
SA-P2163E-20180726		1345	SA-P2163E				X								
SA-D2181I-20180726		945	SA-P2181I				X								
SA-P2182E-20180726		1155	SA-P2182E				X								
SA-P2145I-20180726		1515	SA-P2145I				X								
SA-P2145D-20180726		1515	SA-P2145D				X								
SA-MW128I-20180726		1250	SA-MW128I				X								
SA-P2144I-20180726		950	SA-P2144I				X								
SA-P2144S-20180726		1110	SA-P2144S				X								
SA-P2171I-20180727	7/27	1015	SA-P2171I	6			X								MS/MSD

Special Instructions/Comments: _____

SEND DOCUMENTATION AND RESULTS TO:

Name: Kristi Francisco
 Company: Tetra Tech
 Address: Twin Oaks I, Suite 1102 5700 Lake Wright
 City: Norfolk State: VA Zip: 23502
 Phone: 757-466-4902 Fax: _____
 Email: kristi.francisco@tetratech.com

Container Types: P= HDPE, PJ= HDPE Jar
 Bottle Preservation Type: T = Thiosulfate, TZ = Trizma:
 Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other:

2 of 2



CHAIN OF CUSTODY

For Laboratory Use Only
 Work Order #: 1802094 Temp: 1.2 °C
 Storage ID: WR-2 Storage Secured: Yes No

Project ID: Calverton GA PO#: WE05 Sampler: Scott Anderson
 (name)

TAT (check one): 21 days
 Rush (surcharge may apply)
 14 days 7 days Specify: _____

Invoice to: Name Krist. Francisco Company Tetra Tech Inc. Address 5700 Lake Wright City Norfolk, VA State 23502 Ph# 757-466-4902 Fax# _____

Relinquished by (printed name and signature) [Signature] Date 7/27/18 Time 1330 Received by (printed name and signature) Bettina Benedict Date 07/28/18 Time 0927

SHIP TO: Vista Analytical Laboratory
 1104 Windfield Way
 El Dorado Hills, CA 95762
 (916) 673-1520 * Fax (916) 673-0106
 ATTN: Sample Receiving
 Method of Shipment: Fed Ex
 Tracking No.: 8714 5962 4779

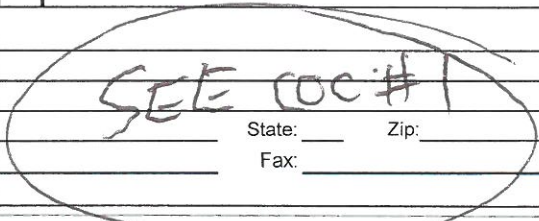
Add Analysis(es) Requested				Mod. EPA Method 537	EPA Method 537 (DW only)						
Container(s)											
Quantity	Type	Matrix		PFOA/PFOA	UCMR3 PFAS List 6	537 List: 14	Full List of 26	Other: Please List Below	PFOA/PFOA	UCMR3 PFAS List 6	PFAS List: 14

Sample ID	Date	Time	Location/Sample Description	Quantity	Type	Matrix	PFOA/PFOA	UCMR3 PFAS List 6	537 List: 14	Full List of 26	Other: Please List Below	PFOA/PFOA	UCMR3 PFAS List 6	PFAS List: 14	Comments
SA-SW201-20180727	7/27	908	SA-SW201	2	P	AQ	X								
SA-SW204-20180727	↓	850	SA-SW204	↓	↓	↓	X								
SA-SW301-20180727	↓	1000	SA-SW301	↓	↓	↓	X								
EB01-072618	7/26	1245	<div style="font-size: 4em; transform: rotate(45deg); opacity: 0.5;">X</div>	↓	↓	↓	X								
FRB01-072618	7/26	1230		X											
GW01-072618	7/26	1100		X											
SA-DUP-01-20180726	7/26	1200		X											
EB02-072718	7/27	930		X											
FRB02-072718	7/27	945		X											

Special Instructions/Comments: _____

SEND DOCUMENTATION AND RESULTS TO:

Name: _____
 Company: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone: _____ Fax: _____
 Email: _____



Container Types: P= HDPE, PJ= HDPE Jar Bottle Preservation Type: T = Thiosulfate, TZ = Trizma: _____
 O = Other: _____ Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other: _____

Sample Log-in Checklist

 Vista Work Order #: 1802094 TAT Std

Samples Arrival:	Date/Time: 07/28/18 0923	Initials: BBB	Location: WR-2
			Shelf/Rack: NA
Logged In:	Date/Time: 07/30/18 0931	Initials: KE	Location: WR-2
			Shelf/Rack: F3/F6
Delivered By:	<input checked="" type="radio"/> FedEx	<input type="radio"/> UPS	<input type="radio"/> On Trac
		<input type="radio"/> GSO	<input type="radio"/> DHL
		<input type="radio"/> Hand Delivered	<input type="radio"/> Other
Preservation:	<input checked="" type="radio"/> Ice	<input type="radio"/> Blue Ice	<input type="radio"/> Dry Ice
	<input type="radio"/> None		
Temp °C: 1.3 (uncorrected)	Time: 0924	Thermometer ID: IR-4	
Temp °C: 1.2 (corrected)	Probe used: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		

	YES	NO	NA
Adequate Sample Volume Received?	KE		
Holding Time Acceptable?	KE		
Shipping Container(s) Intact?	BBB		
Shipping Custody Seals Intact?	BBB		
Shipping Documentation Present?	BBB		
Airbill	BBB		
Trk #	8744 5963 9779		
Sample Container Intact?	KE		
Sample Custody Seals Intact?			KE
Chain of Custody / Sample Documentation Present?	KE		
COC Anomaly/Sample Acceptance Form completed?			KE
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			KE
Preservation Documented:	<input type="checkbox"/> Na ₂ S ₂ O ₃	<input type="checkbox"/> Trizma	<input type="checkbox"/> None
	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA
Shipping Container	<input checked="" type="radio"/> Vista	<input type="radio"/> Client	<input checked="" type="radio"/> Retain
	<input type="radio"/> Return	<input type="radio"/> Dispose	

Comments:

EXTRACTION INFORMATION

Process Sheet

Workorder: 1802094

Prep Expiration: 2018-Aug-09
Client: Tetra Tech

Workorder Due: 20-Aug-18 00:00

TAT: 23

Method: 537M PFAS DOD (LOQ as mRL)
Matrix: Aqueous

Prep Batch: B8H0014

Prep Data Entered: 8/8/18 ae
Date and Initials

Version: Bethpage (21 Analytes)
DoD: DoD QSM 5.1

Initial Sequence: SIT 0000

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
1802094-01	"A"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	FC-MW025R1-20180726		WR-2 F-3	HDPE Bottle, 250 mL
1802094-02		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SA-PZ163I-20180726		WR-2 F-3	HDPE Bottle, 250 mL
1802094-03		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SA-PZ181I-20180726		WR-2 F-3	HDPE Bottle, 250 mL
1802094-04		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SA-PZ182I-20180726		WR-2 F-3	HDPE Bottle, 250 mL
1802094-05		<input type="checkbox"/>	<input type="checkbox"/>	SA-PZ145I-20180726	SA-PZ-145I-20180726 ✓	WR-2 F-3	HDPE Bottle, 250 mL
1802094-06		<input type="checkbox"/>	<input type="checkbox"/>	SA-PZ145D-20180726	SA-PZ-145D-20180726 ✓	WR-2 F-3	HDPE Bottle, 250 mL
1802094-07		<input type="checkbox"/>	<input type="checkbox"/>	SA-MW128I-20180726	SA-MW-128I-20180726 ✓	WR-2 F-3	HDPE Bottle, 250 mL
1802094-08		<input type="checkbox"/>	<input type="checkbox"/>	SA-PZ144I-20180726	SA-PZ-144I-20180726 ✓	WR-2 F-3	HDPE Bottle, 250 mL
1802094-09		<input type="checkbox"/>	<input type="checkbox"/>	SA-PZ144S-20180726	SA-PZ-144S-20180726 ✓	WR-2 F-3	HDPE Bottle, 250 mL
1802094-10	"ABC"	<input type="checkbox"/>	<input type="checkbox"/>	SA-PZ171I-20180727	SA-PZ171I, MS/MSD	WR-2 F-3	HDPE Bottle, 250 mL
1802094-11	"A"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SA-SW201-20180727	20180726 ✓	WR-2 F-3	HDPE Bottle, 125 mL
1802094-12		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SA-SW204-20180727	HB 8/02/18 ✓	WR-2 F-3	HDPE Bottle, 125 mL
1802094-13		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SA-SW301-20180727	✓	WR-2 F-3	HDPE Bottle, 125 mL
1802094-14		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EB01-072618	✓	WR-2 F-3	HDPE Bottle, 125 mL
1802094-15		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	FRB01-072618	✓	WR-2 F-3	HDPE Bottle, 125 mL
1802094-16		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GW01-072618	✓	WR-2 F-3	HDPE Bottle, 250 mL
1802094-17		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SA-DUP-01-20180726	✓	WR-2 F-3	HDPE Bottle, 250 mL
1802094-18		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EB02-072718	✓	WR-2 F-3	HDPE Bottle, 125 mL
1802094-19		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	FRB02-072718	✓	WR-2 F-3	HDPE Bottle, 125 mL

WO Comments: Provide all analytical runs.
MS/MSD per batch, if MS/MSD is not provided - LCS/LCSD.

Pre-Prep Check Out: HB 8/02/18
Pre-Prep Check In: HB 8/02/18

Prep Check Out: JR 8/7/18
Prep Check In: NA

Prep Reconciled Initials/Date: HB 8/02/18
Spike Reconciled Initials/Date: JR 8/7/18
VialBoxID: Book

Internal Chain of Custody 1802094



Client: Tetra Tech

Project Number: Calverton 6A

Received: 28-Jul-18 09:23

Received By: Bettina Benedict

Vista Sample ID	Bottle	Sample				Extract						
		Initials Date/Time	Initials Date/Time	Initials Date/Time	Initials Date/Time	Initials Date/Time	Initials Date/Time					
		New Location	New Location	New Location	New Location	New Location	New Location					
1802094-01	A/B	KE 7-30-18 F-3 F-6	"Abottles" HB 8/2/18 replab # 1	"Abottles" HB 8/2/18 WR-2 Backlab	"4bottles" SB 8/7/18 Prep Lab #1 consumed	"A" SB 8/7/18 ABF	On 8/20/18 2414 instrument					
1802094-02	A/B	KE 7-30-18 F-3 F-6	↓	↓	↓	↓	↓					
1802094-03	A/B	KE 7-30-18 F3 F-6										
1802094-04	A/B	KE 7-30-18 F-3 F-6										
1802094-05	A/B	KE 7-30-18 F3 F6										
1802094-06	A/B	KE 7-30-18 F3 F6										
1802094-07	A/B	KE 7-30-18 F3 F6										
1802094-08	A/B	KE 7-30-18 F3 F6										
1802094-09	A/B	KE 7-30-18 F3 F6										
1802094-10	ABC/ DEF	KE 7-30-18 F3 F6										
1802094-11	A/B	KE 7-30-18 F3 F6						✓	✓	✓	✓	✓

Note in grid if sample or extract are depleted. See Login Checklist for initial location.

Internal Chain of Custody

1802094



Client: Tetra Tech

Project Number: Calverton 6A

Received: 28-Jul-18 09:23

Received By: Bettina Benedict

Vista Sample ID	Bottle	Sample				Extract	
		Initials Date/Time	Initials Date/Time	Initials Date/Time	Initials Date/Time	Initials Date/Time	Initials Date/Time
		New Location	New Location	New Location	New Location	New Location	New Location
1802094-12	A/B	KE 7-30-18 F3 / F6	"A bottles" HBK118 prep Lab #1	"A bottles" HBK118 WR2 backwall	"A bottles" JB 8/7/18 Prep Lab #1 covered	"A" JB 8/7/18 R7	DM 8/26/18 1416 instrument
1802094-13	A/B	KE 7-30-18 F3 / F6	↓	↓	↓	↓	↓
1802094-14	A/B	KE 7-30-18 F3 / F6	↓	↓	↓	↓	↓
1802094-15	A/B	KE 7-30-18 F3 / F6	↓	↓	↓	↓	↓
1802094-16	A/B	KE 7-30-18 F3 / F6	↓	↓	↓	↓	↓
1802094-17	A/B	KE 7-30-18 F3 / F6	↓	↓	↓	↓	↓
1802094-18	A/B	KE 7-30-18 F3 / F6	↓	↓	↓	↓	↓
1802094-19	A/B	KE 7-30-18 F3 / F6	↓	↓	↓	↓	↓

Note in grid if sample or extract are depleted. See Login Checklist for initial location.

PREPARATION BENCH SHEET

Matrix: Aqueous

B8H0014

Chemist: JR

Method: 537M PFAS DOD (LOQ as mL)

Prep Date: 8/7/18

Prepared using: LCMS - SPE Extraction-LCMS

Prep Time: 1:00

		Date/Initials: <u>hb 8/2/18</u>				Balance ID: <u>HRM 7-8</u>					
Cen	VISTA Sample ID	pH Before	pH After	Chlorine (Cl)	Drops HCl Added	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE	RS CHEM/WIT DATE
<input type="checkbox"/>	B8H0014-BLK1 <u>(D)</u>	5	2	0	4	NA	NA	(0.250)	<u>JR KC 8/7/18</u>	<u>JR 8/7/18</u>	<u>JR KC 8/7/18</u>
<input type="checkbox"/>	B8H0014-BS1	5	2	0	4	↓	↓	(0.250)			
<input type="checkbox"/>	B8H0014-MS1 1802094-10	4	2	0	4	280.02	27.51	0.25251			
<input type="checkbox"/>	B8H0014-MSD1 1802094-10	4	2	0	4	283.22	26.92	0.25630			
<input checked="" type="checkbox"/>	1802094-01	5	2	0	4	275.74	27.60	0.24814			
<input type="checkbox"/>	1802094-02	4	2	0	4	280.95	37.46	0.24349			
<input type="checkbox"/>	1802094-03	4	2	0	4	288.23	37.15	0.25108			
<input checked="" type="checkbox"/>	1802094-04 <u>(B)</u>	5	2	0	4	277.61	37.18	0.24043			
<input type="checkbox"/>	1802094-05	4	2	0	4	279.67	26.94	0.25273			
<input checked="" type="checkbox"/>	1802094-06	5	2	0	4	275.72	27.67	0.24805			
<input type="checkbox"/>	1802094-07	5	2	0	4	280.76	27.76	0.25300			
<input type="checkbox"/>	1802094-08	5	2	0	4	296.39	27.87	0.26852			
<input type="checkbox"/>	1802094-09	5	2	0	4	281.98	27.76	0.25422			
<input type="checkbox"/>	1802094-10	4	2	0	4	287.14	27.50	0.25964			
<input checked="" type="checkbox"/>	1802094-11 <u>(A)(C)</u>	5	2	0	3	140.42 ^{137.57}	26.66	0.10591			
<input checked="" type="checkbox"/>	1802094-12 <u>(A)(C)</u> ✓	4	2	0	3	143.98 ^{136.33}	26.56	0.10477			

IS: 18F0406, 10µL (V₁)
 IS SUP: NA
 NS: 18F2025, 10µL (V₃)
 RS: 18F0406, 10µL (V₁)

SPE Chem: Stata XAW 3µm 200µm/s n1
 Ele SOLV: MCOH 5% NH₄OH in MeCN
 Final Volume(s) 1ml

Notes: (A) sample was centrifuged, but was still deeply colored. HB 8/2/18
(B) sample centrifuged twice, but some orange floaty particulate still remained suspended in sample. HB 8/2/18
(C) sample centrifuged a second time to remove leftover precipitate. HB 8/7/18
(D) ENVI-cob used. Lot # 10262101. JR 8/7/18

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M PFAS DOD (LOQ as mL)

B8H0014

Chemist: JR

Prep Date: 8/7/13

Prep Time: 11:00

Prepared using: LCMS - SPE Extraction-LCMS

		Date/Initials: HB 8/02/13				BalanceID: HRW-8					
Cen	VISTA Sample ID	pH Before	pH After	Chlorine (Cl)	Drops HCl Added	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (g)	IS/NS CHEM/WIT DATE	SPE	RS CHEM/WIT DATE
<input checked="" type="checkbox"/>	1802094-13 (A)(C)(D)	4	2	0	3	130.90	26.67	0.10413	JR KC 8/7/13	JR	JR KC 8/7/13
<input type="checkbox"/>	1802094-14	4	2	0	3	141.45	26.56	0.11489			
<input type="checkbox"/>	1802094-15	4	2	0	3	145.94	26.78	0.11916			
<input checked="" type="checkbox"/>	1802094-16	5	2	0	4	278.79	27.50	0.25129			
<input type="checkbox"/>	1802094-17	4	2	0	4	288.65	27.45	0.26040			
<input type="checkbox"/>	1802094-18	4	2	0	3	143.54	26.59	0.11695			
<input type="checkbox"/>	1802094-19	4	2	0	3	139.68	26.69	0.11299			

IS: 18F0405, 10µL (V)	SPE Chem: Stata XAW 33µm 200mg/L	Notes: (A) sample was centrifuged, but I was deeply colored. HB 8/30/13 (B) EMI-C66 used. Lot # 10262101. JR still 3/1/13
IS SUP: NA	Ele SOLV: MeOH .5% v/v in MeOH	
NS: 13F2025, 10µL (V ₃)	Final Volume(s) 1mL	
RS: 18F0406, 10µL (V)		

Comments: Assume 1 g = 1 mL

Cen = Centrifuged

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
1802094-01	0.24814 ✓	NA	NA	1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-02	0.24349 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-03	0.25108 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-04	0.24043 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-05	0.25273 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-06	0.24805 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-07	0.253 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-08	0.26852 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-09	0.25422 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-10	0.25964 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-11	0.10591 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-12	0.10977 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-13	0.10413 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-14	0.11489 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-15	0.11916 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-16	0.25129 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-17	0.2609 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-18	0.11695 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-19	0.11299 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
B8H0014-BLK1	0.25 ✓			1000	02-Aug-18 07:00	JMR				QC
B8H0014-BS1	0.25 ✓			1000	07-Aug-18 11:00	JMR	18F2025 ✓	10 ✓		QC
B8H0014-MS1	0.25251 ✓			1000	07-Aug-18 11:00	JMR	18F2025 ✓	10 ✓		QC
B8H0014-MSD1	0.2563 ✓			1000	07-Aug-18 11:00	JMR	18F2025 ✓	10 ✓		QC

8/8/18
AE

Sample Data – PFAS Isotope Dilution Method

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-29.qld

Last Altered: Thursday, August 30, 2018 12:46:02 Pacific Daylight Time

Printed: Thursday, August 30, 2018 12:47:54 Pacific Daylight Time

Name: 180825M1_29, Date: 25-Aug-2018, Time: 18:29:29, ID: B8H0014-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respo...	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8		1.32e4	0.250							
2	2 PFPeA	263.1 > 218.9		2.04e4	0.250							
3	3 PFBS	299.0 > 79.7		2.47e3	0.250							
4	4 4:2 FTS	327.2>307.2		4.70e3	0.250							
5	5 PFHxA	313 > 269		1.27e4	0.250							
6	36 13C3-PFBA	216.1 > 171.8	1.32e4	1.60e4	0.250	0.826	1.27	10.3	49.9570	99.9		
7	37 13C3-PFPeA	266. > 221.8	2.04e4	3.36e4	0.250	0.606	2.27	7.57	47.3166	94.6		
8	38 13C3-PFBS	302. > 98.8	2.47e3	3.36e4	0.250	0.0734	2.58	0.918	56.3730	112.7		
9	39 13C2-4:2 FTS	329.2>308.9	4.70e3	3.36e4	0.250	0.140	2.99	1.75	49.9268	99.9		
10	40 13C2-PFHxA	315 > 270	1.27e4	3.36e4	0.250	0.947	3.08	4.73	19.5682	97.8		
11	-1											
12	6 PFPeS	349.1>80.1		2.47e3	0.250							
13	7 PFHpA	363.0 > 318.9		2.04e4	0.250							
14	8 L-PFHxS	398.9 > 79.6	1.11e1	2.32e3	0.250	0.000	3.86	0.0597	0.1069		1.27	NO
15	68 Total PFHxS	398.9 > 79.6	1.11e1	2.32e3	0.250			0.0597	0.1069			
16	10 6:2 FTS	427.1 > 407	1.33e1	4.79e3	0.250	0.000	4.18	0.0348			3.62	NO
17	38 13C3-PFBS	302. > 98.8	2.47e3	3.36e4	0.250	0.0734	2.58	0.918	56.3730	112.7		
18	41 13C4-PFHpA	367.2 > 321.8	2.04e4	3.36e4	0.250	0.606	3.71	7.58	51.7976	103.6		
19	42 18O2-PFHxS	403.0 > 102.6	2.32e3	4.57e3	0.250	0.507	3.86	6.34	49.0001	98.0		
20	42 18O2-PFHxS	403.0 > 102.6	2.32e3	4.57e3	0.250	0.507	3.86	6.34	49.0001	98.0		
21	43 13C2-6:2 FTS	429.1 > 408.9	4.79e3	3.79e4	0.250	0.126	4.18	1.58	47.3065	94.6		
22	-1											
23	11 L-PFOA	412.8 > 368.9		2.95e4	0.250							
24	69 Total PFOA	412.8 > 368.9	0.00e0	2.95e4	0.250			0.000				
25	13 PFHpS	449 > 80.0		5.22e3	0.250							
26	16 L-PFOS	498.9 > 79.9		5.22e3	0.250							
27	70 Total PFOS	498.9 > 79.9	0.00e0	5.22e3	0.250			0.000				
28	44 13C2-PFOA	414.9 > 369.7	2.95e4	3.79e4	0.250	0.780	4.24	9.75	45.2312	90.5		
29	44 13C2-PFOA	414.9 > 369.7	2.95e4	3.79e4	0.250	0.780	4.24	9.75	45.2312	90.5		
30	47 13C8-PFOS	507.0 > 79.9	5.22e3	5.12e3	0.250	1.02	4.77	12.7	47.9653	95.9		
31	47 13C8-PFOS	507.0 > 79.9	5.22e3	5.12e3	0.250	1.02	4.77	12.7	47.9653	95.9		
32	47 13C8-PFOS	507.0 > 79.9	5.22e3	5.12e3	0.250	1.02	4.77	12.7	47.9653	95.9		
33	-1											
34	14 PFNA	463.0 > 418.8	9.40e1	2.63e4	0.250	0.000	4.69	0.0447			5.81	NO
35	15 PFOSA	497.9 > 77.9		2.74e3	0.250							
36	18 PFDA	513 > 468.8	6.11e1	2.53e4	0.250	0.000	5.07	0.0302			74.7	YES

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-29.qld

Last Altered: Thursday, August 30, 2018 12:46:02 Pacific Daylight Time

Printed: Thursday, August 30, 2018 12:47:54 Pacific Daylight Time

Name: 180825M1_29, Date: 25-Aug-2018, Time: 18:29:29, ID: B8H0014-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respo...	Conc.	%Rec	Ion Ratio	Ratio Out?
37	19 8:2 FTS	527 > 506.9		3.54e3	0.250							
38	20 PFNS	549.1 > 80.1		5.22e3	0.250							
39	45 13C5-PFNA	468.2 > 422.9	2.63e4	3.45e4	0.250	0.761	4.68	9.51	39.6131	79.2		
40	46 13C8-PFOA	506.1 > 77.7	2.74e3	4.05e4	0.250	0.0677	4.74	0.846	17.2778	34.6		
41	48 13C2-PFDA	515.1 > 469.9	2.53e4	3.74e4	0.250	0.675	5.07	8.44	35.7978	71.6		
42	49 13C2-8:2 FTS	529.1 > 508.7	3.54e3	3.79e4	0.250	0.0934	5.04	1.17	44.5466	89.1		
43	47 13C8-PFOS	507.0 > 79.9	5.22e3	5.12e3	0.250	1.02	4.77	12.7	47.9653	95.9		
44	-1											
45	21 L-MeFOSAA	570 > 419		5.60e3	0.250							
46	71 Total N-MeFOSAA	570. > 419	0.00e0	5.60e3	0.250			0.000				
47	23 L-EtFOSAA	584.1 > 419		6.47e3	0.250							
48	72 Total N-EtFOSAA	584.1 > 419	0.00e0	6.47e3	0.250			0.000				
49	25 PFUdA	563.0 > 518.9	1.42e2	2.61e4	0.250	0.000	5.40	0.0680			179	YES
50	50 d3-N-MeFOSAA	573.3 > 419	5.60e3	4.05e4	0.250	0.138	5.22	1.73	30.5278	61.1		
51	50 d3-N-MeFOSAA	573.3 > 419	5.60e3	4.05e4	0.250	0.138	5.22	1.73	30.5278	61.1		
52	52 d5-N-EtFOSAA	589.3 > 419	6.47e3	4.05e4	0.250	0.160	5.37	2.00	32.4206	64.8		
53	52 d5-N-EtFOSAA	589.3 > 419	6.47e3	4.05e4	0.250	0.160	5.37	2.00	32.4206	64.8		
54	51 13C2-PFUdA	565 > 519.8	2.61e4	4.05e4	0.250	0.645	5.40	8.07	32.0224	64.0		
55	-1											
56	26 PFDS	598.8 > 79.9		5.22e3	0.250							
57	27 PFDoA	612.9 > 569.0		2.81e4	0.250							
58	29 PFTTrDA	662.9 > 618.9		2.81e4	0.250							
59	30 PFTeDA	712.8 > 669.0		2.08e4	0.250							
60	28 N-MeFOSA	512.1 > 168.9			0.250							
61	51 13C2-PFUdA	565 > 519.8	2.61e4	4.05e4	0.250	0.645	5.40	8.07	32.0224	64.0		
62	53 13C2-PFDoA	615.0 > 569.7	2.81e4	3.74e4	0.250	0.753	5.69	9.41	32.9303	65.9		
63	53 13C2-PFDoA	615.0 > 569.7	2.81e4	3.74e4	0.250	0.753	5.69	9.41	32.9303	65.9		
64	55 13C2-PFTeDA	714.8 > 669.6	2.08e4	4.05e4	0.250	0.514	6.15	6.43	35.5662	71.1		
65	54 d3-N-MeFOSA	515.2 > 168.9		4.05e4	0.250							
66	-1											
67	31 N-EtFOSA	526.1 > 168.9			0.250							
68	32 PFHxDA	813.1 > 768.6	1.32e2	1.09e4	0.250	0.000	6.49	0.0602			257	YES
69	33 PFOA	913.1 > 868.8	5.36e1	1.09e4	0.250	0.000	6.49	0.0245	0.0279			
70	34 N-MeFOSE	616.1 > 58.9			0.250							
71	35 N-EtFOSE	630.1 > 58.9			0.250							
72	56 d5-N-ETFOSA	531.1 > 168.9		4.05e4	0.250							

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-29.qld

Last Altered: Thursday, August 30, 2018 12:46:02 Pacific Daylight Time

Printed: Thursday, August 30, 2018 12:47:54 Pacific Daylight Time

Name: 180825M1_29, Date: 25-Aug-2018, Time: 18:29:29, ID: B8H0014-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respo...	Conc.	%Rec	Ion Ratio	Ratio Out?
73	57 13C2-PFHxDA	815 > 769.7	1.09e4	4.05e4	0.250	0.676	6.49	3.38	14.7203	73.6		
74	57 13C2-PFHxDA	815 > 769.7	1.09e4	4.05e4	0.250	0.676	6.49	3.38	14.7203	73.6		
75	58 d7-N-MeFOSE	623.1 > 58.9		4.05e4	0.250							
76	59 d9-N-EtFOSE	639.2 > 58.8		4.05e4	0.250							
77	-1											
78	73 TCDA	498.3>106.9			0.250							
79	61 13C5-PFHxA	318 > 272.9	3.36e4	3.36e4	0.250	1.00	3.08	12.5	50.0000	100.0		
80	60 13C4-PFBA	217. > 172	1.60e4	1.60e4	0.250	1.00	1.27	12.5	50.0000	100.0		
81	62 13C3-PFHxS	401.8 > 79.9	4.57e3	4.57e3	0.250	1.00	3.86	12.5	50.0000	100.0		
82	63 13C8-PFOA	420.9 > 376	3.79e4	3.79e4	0.250	1.00	4.24	12.5	50.0000	100.0		
83	47 13C8-PFOS	507.0 > 79.9	5.22e3	5.12e3	0.250	1.02	4.77	12.7	47.9653	95.9		
84	64 13C9-PFNA	472.2 > 426.9	3.45e4	3.45e4	0.250	1.00	4.68	12.5	50.0000	100.0		
85	65 13C4-PFOS	503 > 79.9	5.12e3	5.12e3	0.250	1.00	4.77	12.5	50.0000	100.0		
86	66 13C6-PFDA	519.1 > 473.7	3.74e4	3.74e4	0.250	1.00	5.07	12.5	50.0000	100.0		
87	67 13C7-PFUdA	570.1 > 524.8	4.05e4	4.05e4	0.250	1.00	5.40	12.5	50.0000	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-29.qld

Last Altered: Thursday, August 30, 2018 12:46:02 Pacific Daylight Time

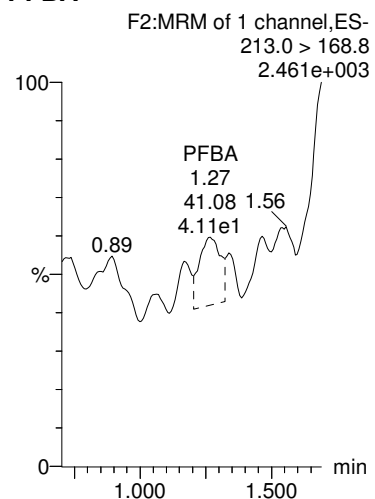
Printed: Thursday, August 30, 2018 12:47:54 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 27 Aug 2018 10:30:44

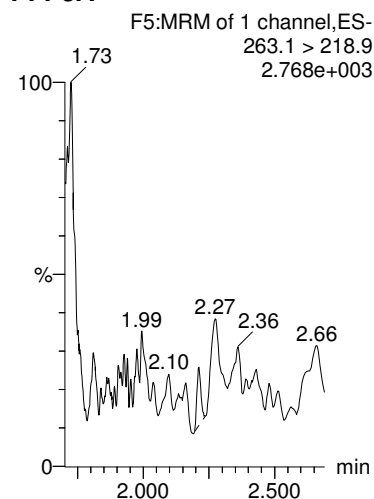
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Name: 180825M1_29, Date: 25-Aug-2018, Time: 18:29:29, ID: B8H0014-BLK1 Method Blank 0.25, Description: Method Blank

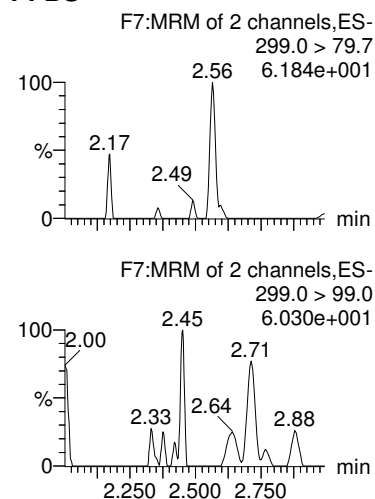
PFBA



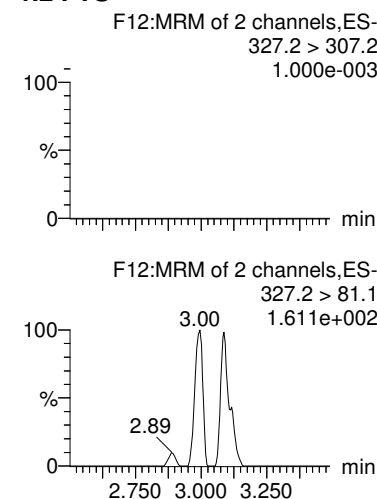
PFPeA



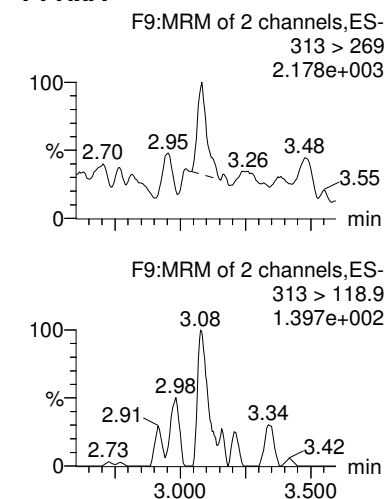
PFBS



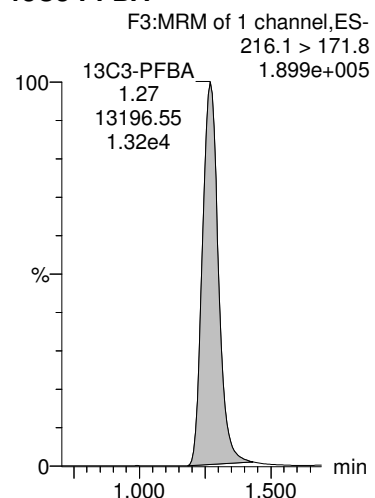
4:2 FTS



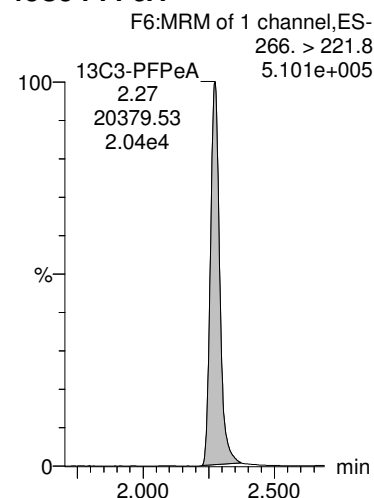
PFHxA



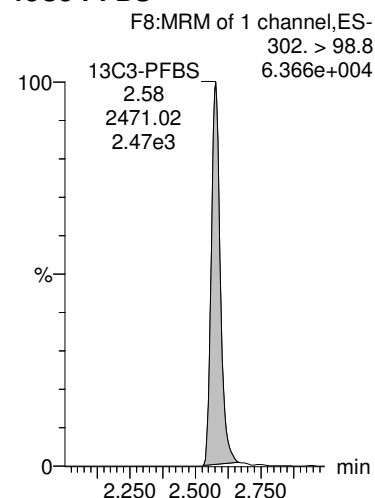
13C3-PFBA



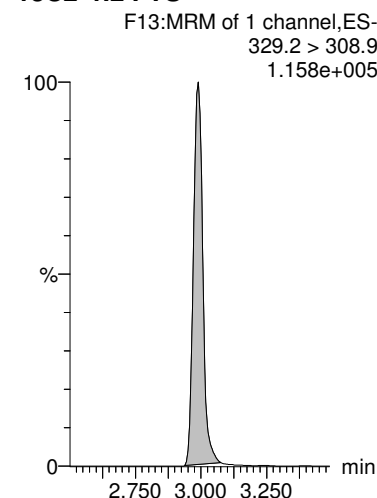
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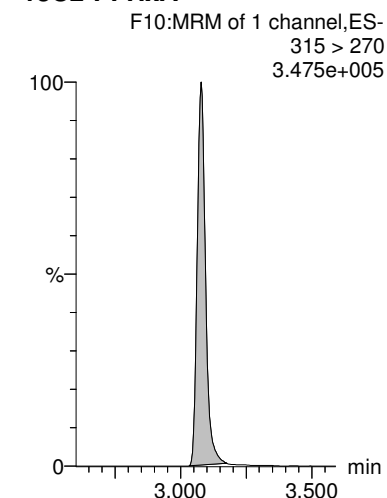
13C3-PFBS



13C2-4:2 FTS



13C2-PFHxA



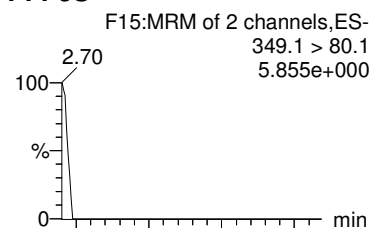
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Last Altered: Thursday, August 30, 2018 12:46:02 Pacific Daylight Time

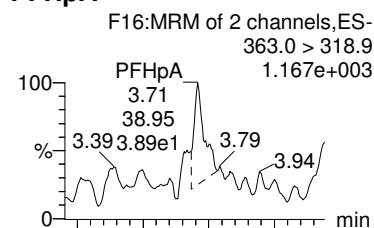
Printed: Thursday, August 30, 2018 12:47:54 Pacific Daylight Time

Name: 180825M1_29, Date: 25-Aug-2018, Time: 18:29:29, ID: B8H0014-BLK1 Method Blank 0.25, Description: Method Blank

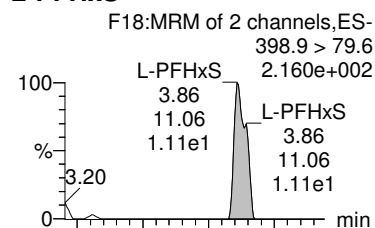
PFPeS



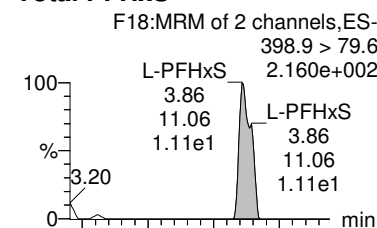
PFHpA



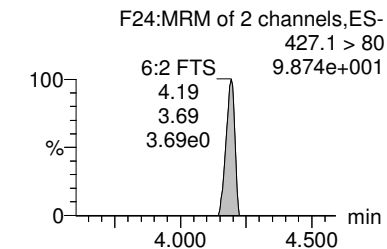
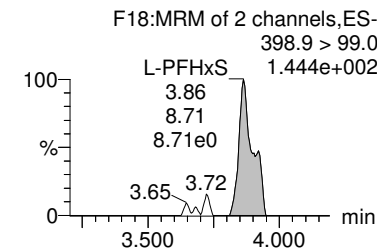
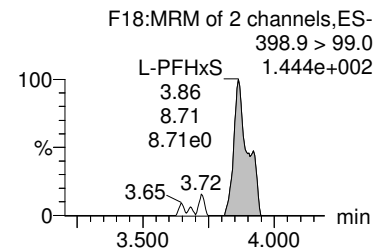
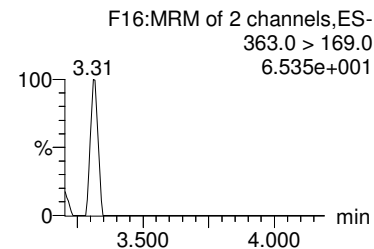
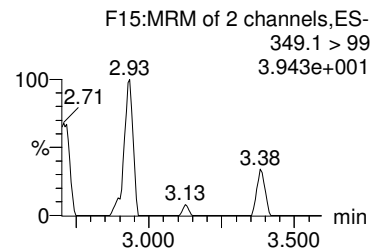
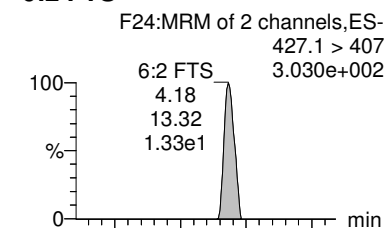
L-PFHxS



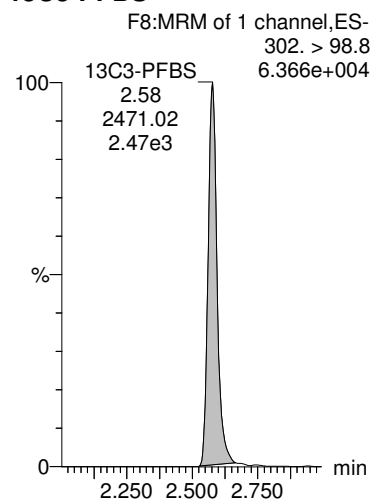
Total PFHxS



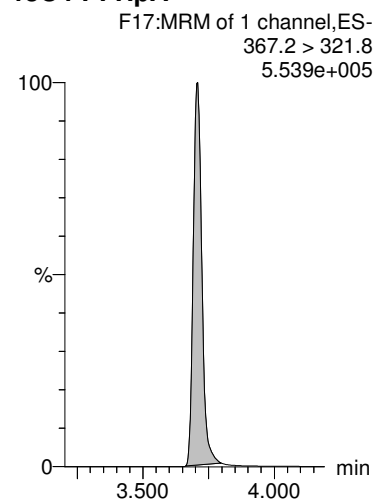
6:2 FTS



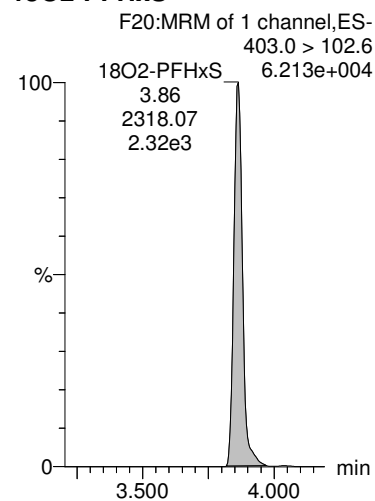
13C3-PFBS



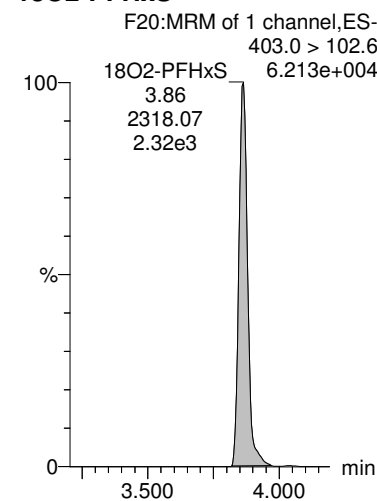
13C4-PFHpA



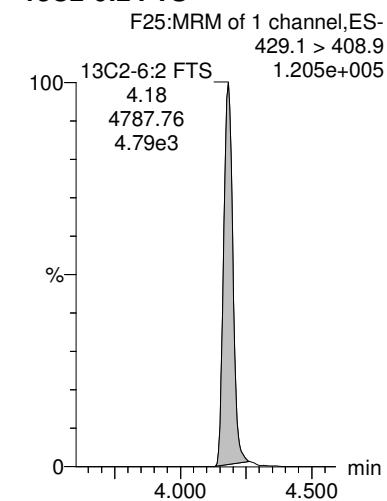
18O2-PFHxS



18O2-PFHxS



13C2-6:2 FTS



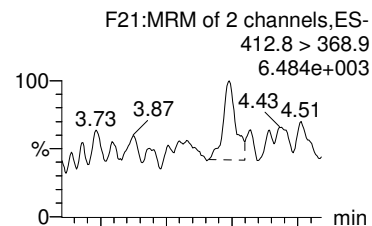
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-29.qld

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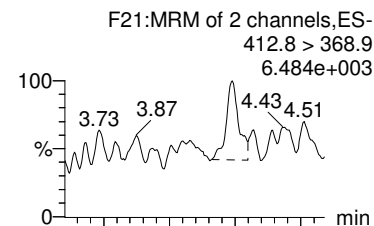
Printed: Thursday, August 30, 2018 12:47:54 Pacific Daylight Time

Name: 180825M1_29, Date: 25-Aug-2018, Time: 18:29:29, ID: B8H0014-BLK1 Method Blank 0.25, Description: Method Blank

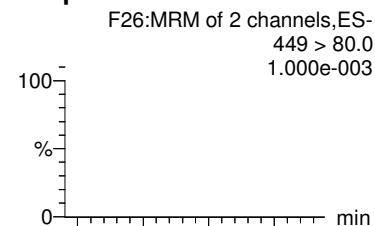
L-PFOA



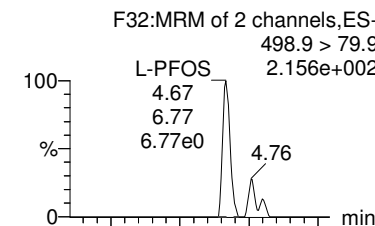
Total PFOA



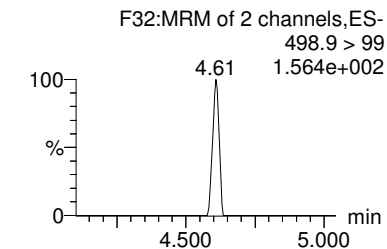
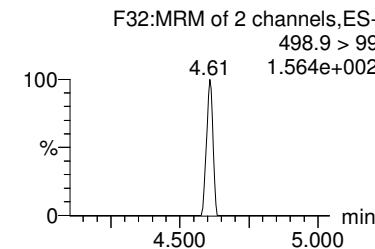
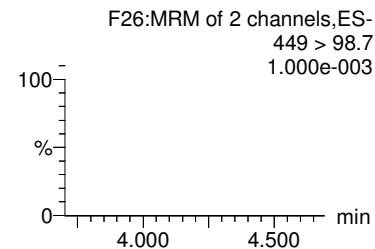
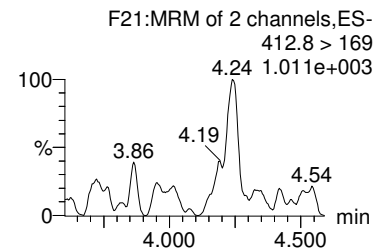
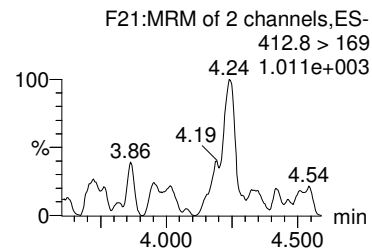
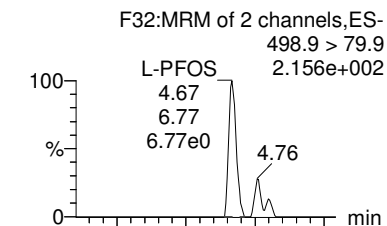
PFHpS



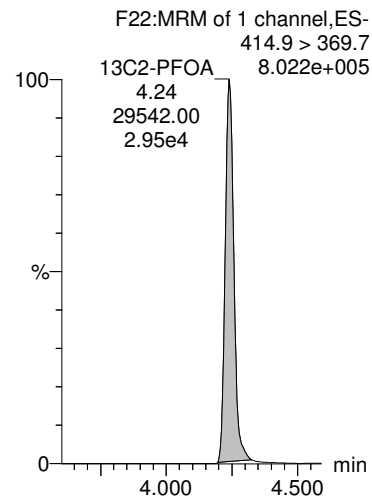
L-PFOS



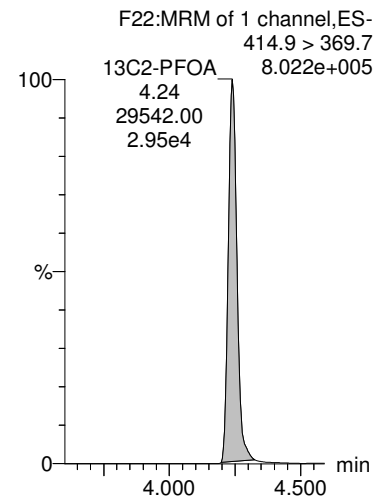
Total PFOS



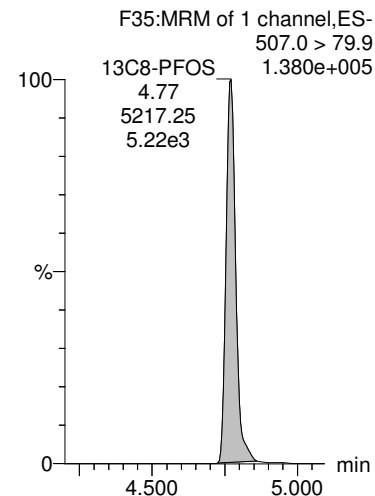
13C2-PFOA



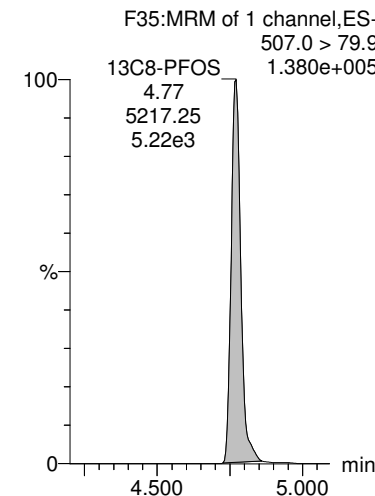
13C2-PFOA



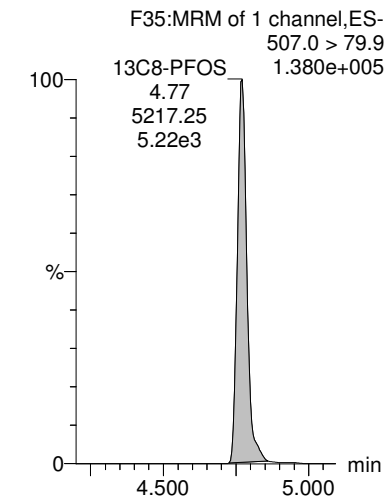
13C8-PFOS



13C8-PFOS



13C8-PFOS



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-29.qld

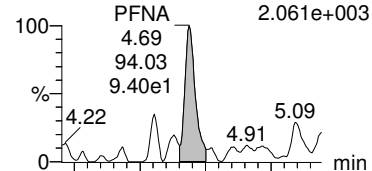
Last Altered: Thursday, August 30, 2018 12:46:02 Pacific Daylight Time

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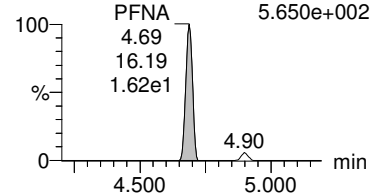
Name: 180825M1_29, Date: 25-Aug-2018, Time: 18:29:29, ID: B8H0014-BLK1 Method Blank 0.25, Description: Method Blank

PFNA

F27:MRM of 2 channels,ES-
463.0 > 418.8
2.061e+003

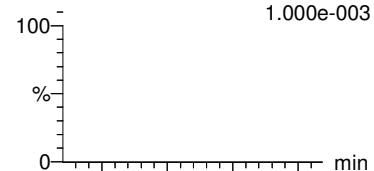


F27:MRM of 2 channels,ES-
463.0 > 219.0
5.650e+002

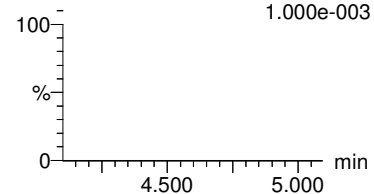


PFOSA

F30:MRM of 2 channels,ES-
497.9 > 77.9
1.000e-003

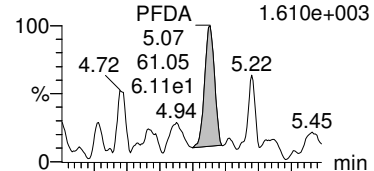


F30:MRM of 2 channels,ES-
497.9 > 169
1.000e-003

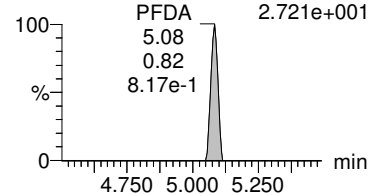


PFDA

F37:MRM of 2 channels,ES-
513 > 468.8
1.610e+003

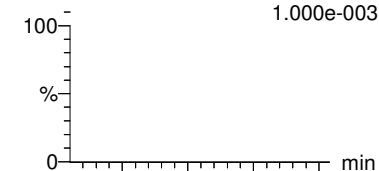


F37:MRM of 2 channels,ES-
513 > 219
2.721e+001

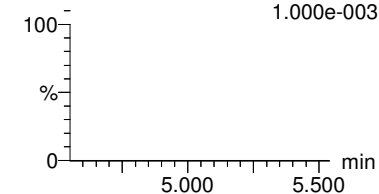


8:2 FTS

F42:MRM of 2 channels,ES-
527 > 506.9
1.000e-003

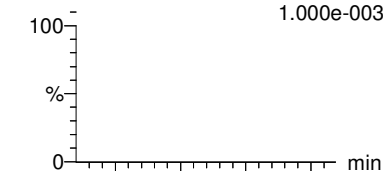


F42:MRM of 2 channels,ES-
527 > 80
1.000e-003

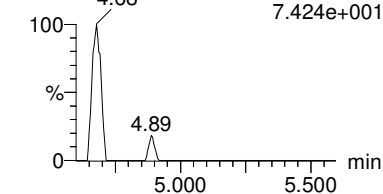


PFNS

F45:MRM of 2 channels,ES-
549.1 > 80.1
1.000e-003

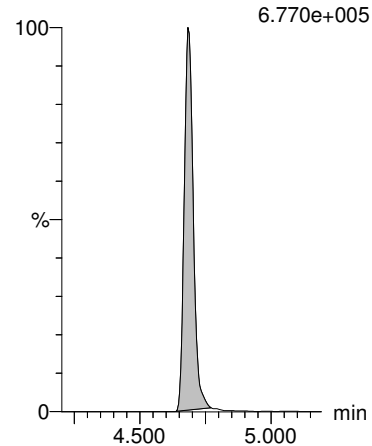


F45:MRM of 2 channels,ES-
549.1 > 99.1
7.424e+001



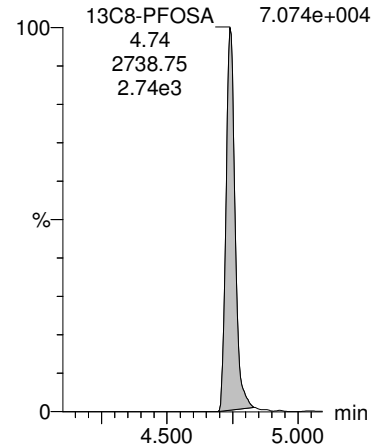
13C5-PFNA

F28:MRM of 1 channel,ES-
468.2 > 422.9
6.770e+005



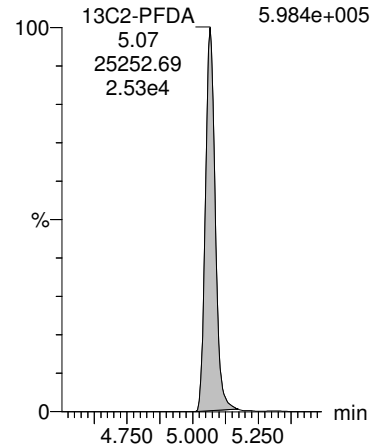
13C8-PFOSA

F34:MRM of 1 channel,ES-
506.1 > 77.7
7.074e+004



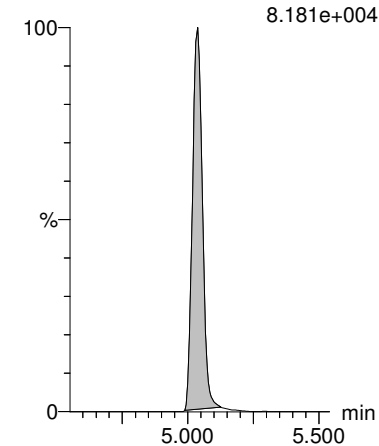
13C2-PFDA

F38:MRM of 1 channel,ES-
515.1 > 469.9
5.984e+005



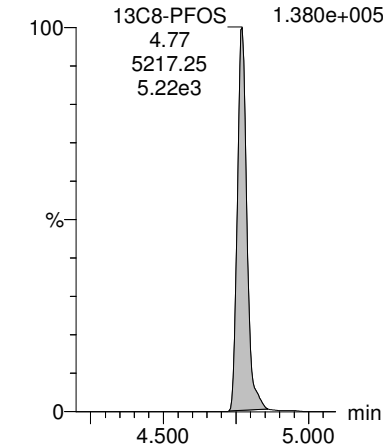
13C2-8:2 FTS

F43:MRM of 1 channel,ES-
529.1 > 508.7
8.181e+004



13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.380e+005



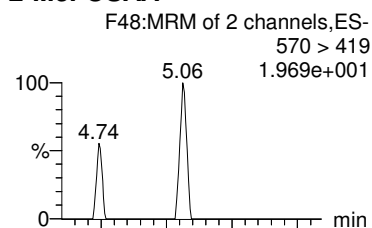
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-29.qld

Last Altered: Thursday, August 30, 2018 12:46:02 Pacific Daylight Time

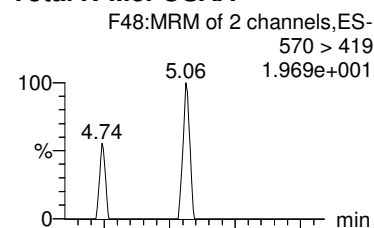
Printed: Thursday, August 30, 2018 12:47:54 Pacific Daylight Time

Name: 180825M1_29, Date: 25-Aug-2018, Time: 18:29:29, ID: B8H0014-BLK1 Method Blank 0.25, Description: Method Blank

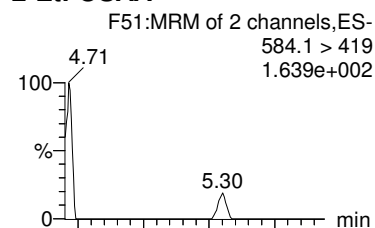
L-MeFOSAA



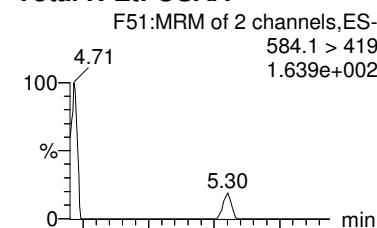
Total N-MeFOSAA



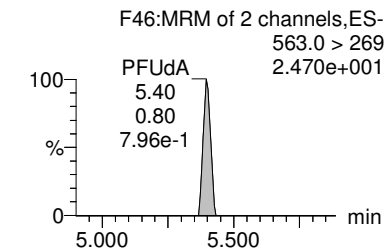
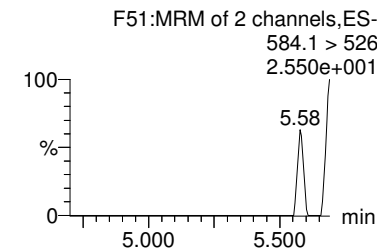
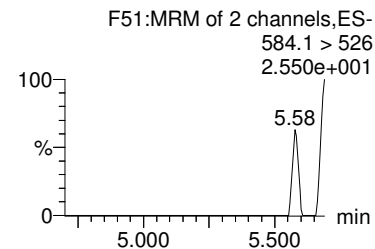
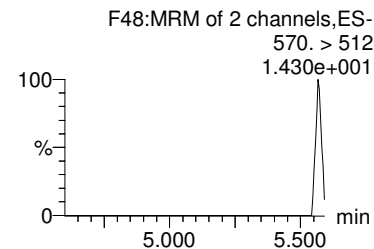
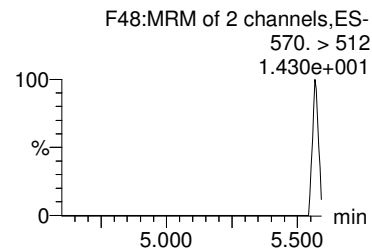
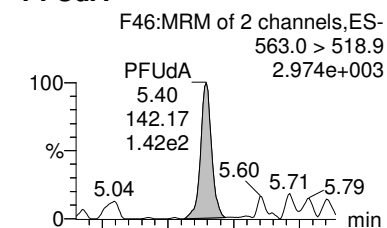
L-EtFOSAA



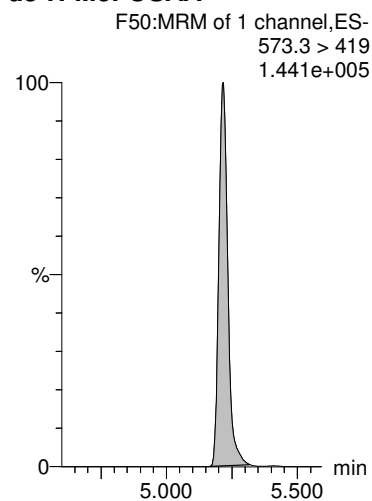
Total N-EtFOSAA



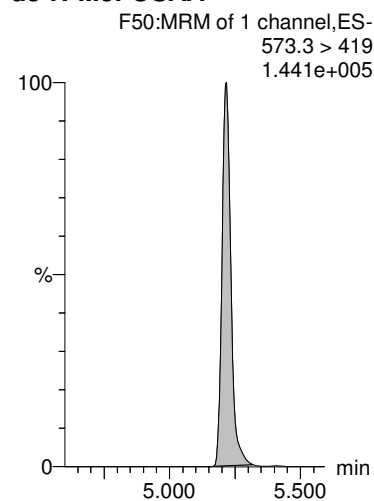
PFUdA



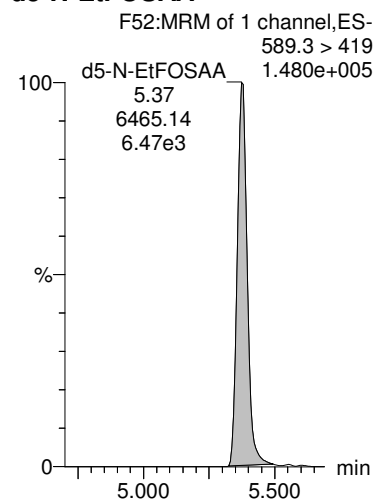
d3-N-MeFOSAA



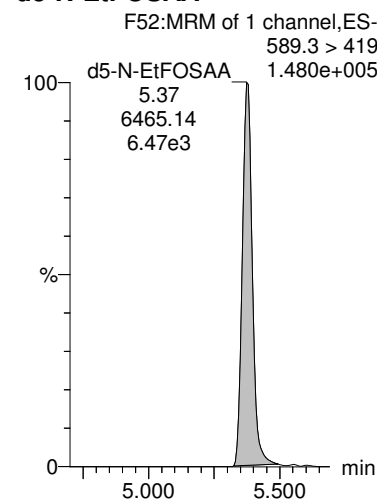
d3-N-MeFOSAA



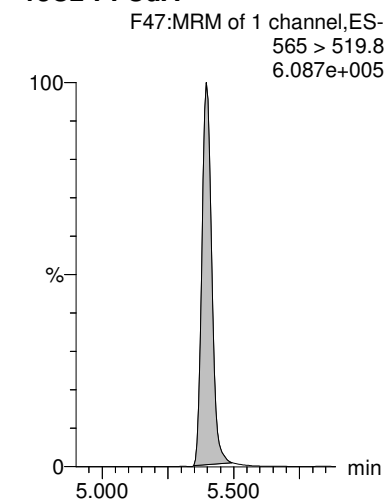
d5-N-EtFOSAA



d5-N-EtFOSAA



13C2-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-29.qld

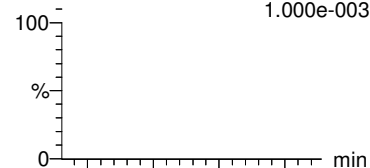
Last Altered: Thursday, August 30, 2018 12:46:02 Pacific Daylight Time

Printed: Thursday, August 30, 2018 12:47:54 Pacific Daylight Time

Name: 180825M1_29, Date: 25-Aug-2018, Time: 18:29:29, ID: B8H0014-BLK1 Method Blank 0.25, Description: Method Blank

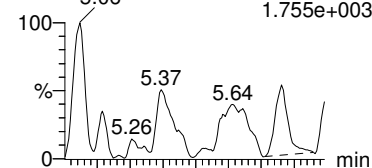
PFDS

F53:MRM of 2 channels,ES-
598.8 > 79.9
1.000e-003



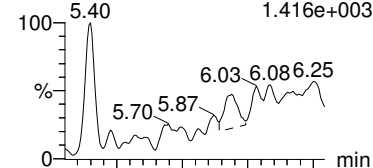
PFDaA

F54:MRM of 4 channels,ES-
612.9 > 569.0
1.755e+003



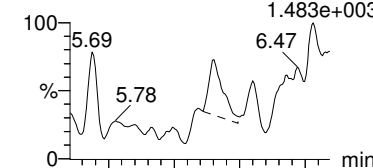
PFTTrDA

F60:MRM of 2 channels,ES-
662.9 > 618.9
1.416e+003



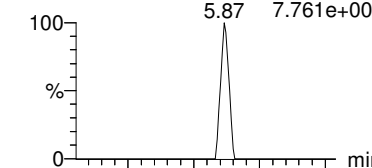
PFTeDA

F61:MRM of 2 channels,ES-
712.8 > 669.0
1.483e+003

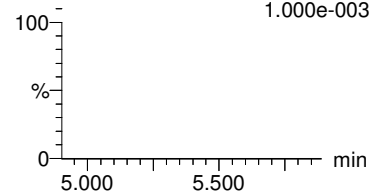


N-MeFOSA

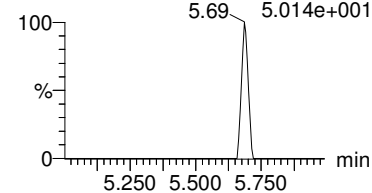
F36:MRM of 2 channels,ES-
512.1 > 168.9
7.761e+000



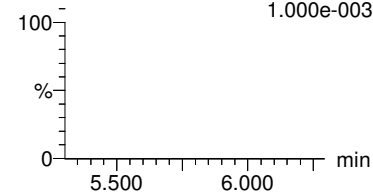
F53:MRM of 2 channels,ES-
598.8 > 98.9
1.000e-003



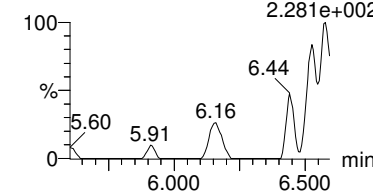
F54:MRM of 4 channels,ES-
612.9 > 318.8
5.014e+001



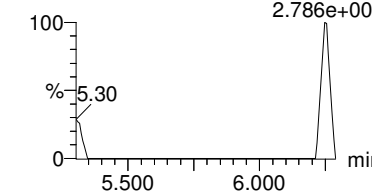
F60:MRM of 2 channels,ES-
662.9 > 319
1.000e-003



F61:MRM of 2 channels,ES-
712.8 > 368.9
2.281e+002

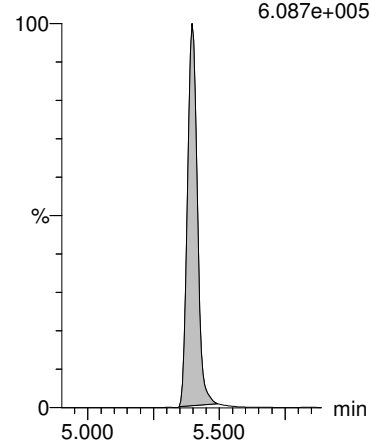


F36:MRM of 2 channels,ES-
512.1 > 219
2.786e+001



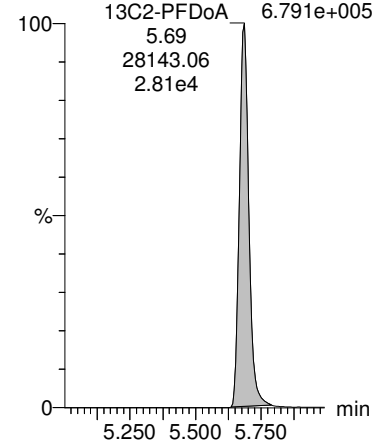
13C2-PFUDa

F47:MRM of 1 channel,ES-
565 > 519.8
6.087e+005



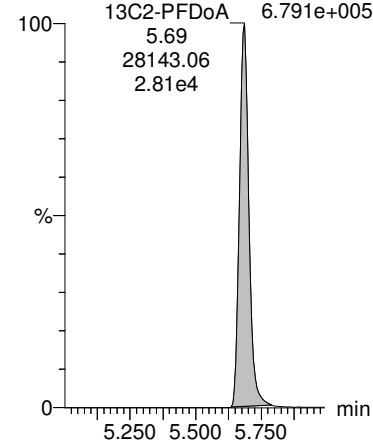
13C2-PFDaA

F55:MRM of 2 channels,ES-
615.0 > 569.7
6.791e+005



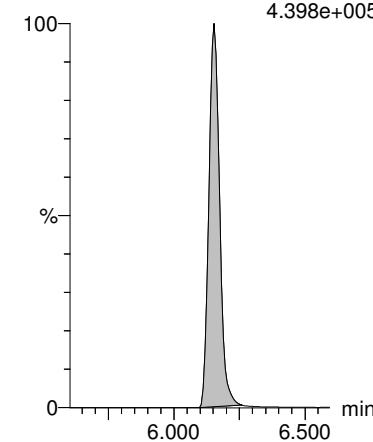
13C2-PFDaA

F55:MRM of 2 channels,ES-
615.0 > 569.7
6.791e+005



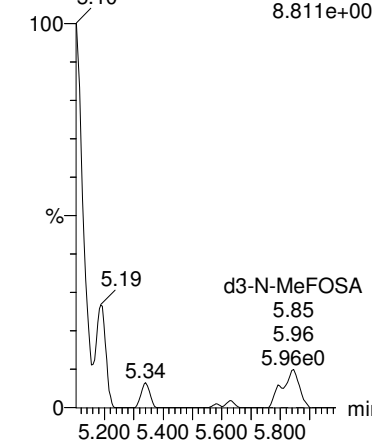
13C2-PFTeDA

F62:MRM of 2 channels,ES-
714.8 > 669.6
4.398e+005



d3-N-MeFOSA

F39:MRM of 1 channel,ES-
515.2 > 168.9
8.811e+002



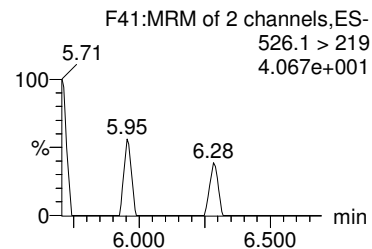
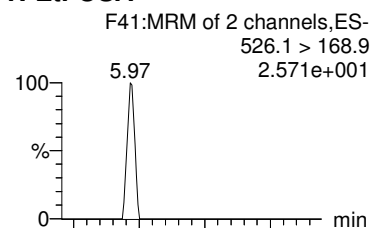
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-29.qld

Last Altered: Thursday, August 30, 2018 12:46:02 Pacific Daylight Time

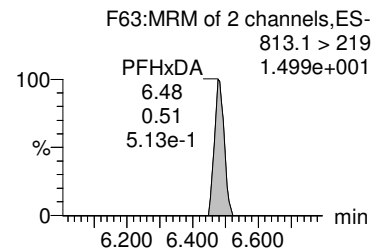
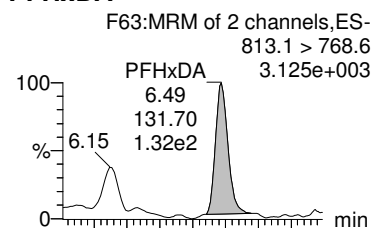
Printed: Thursday, August 30, 2018 12:47:54 Pacific Daylight Time

Name: 180825M1_29, Date: 25-Aug-2018, Time: 18:29:29, ID: B8H0014-BLK1 Method Blank 0.25, Description: Method Blank

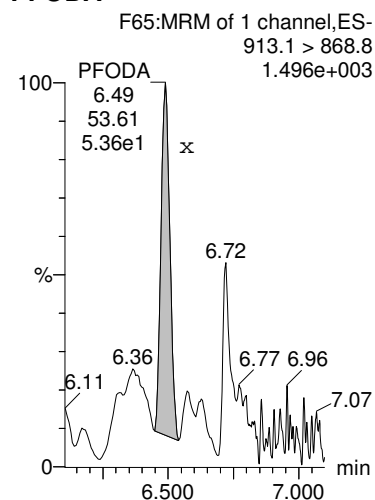
N-EtFOSA



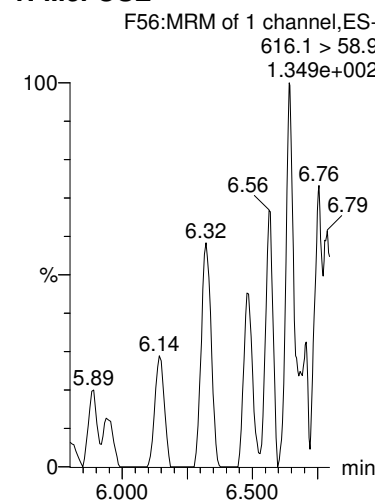
PFHxDA



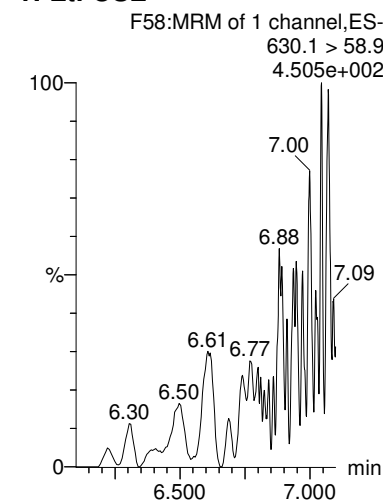
PFODA



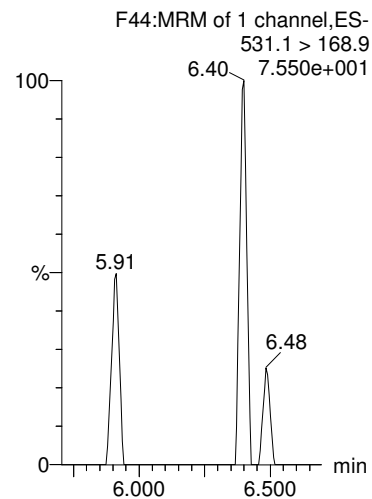
N-MeFOSE



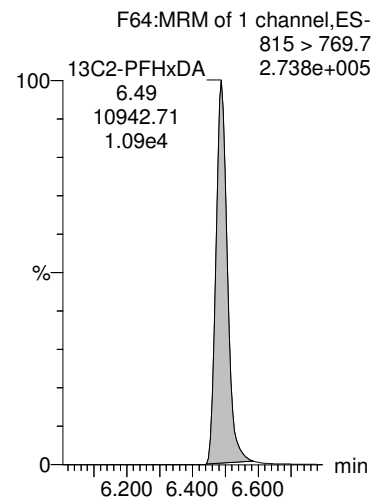
N-EtFOSE



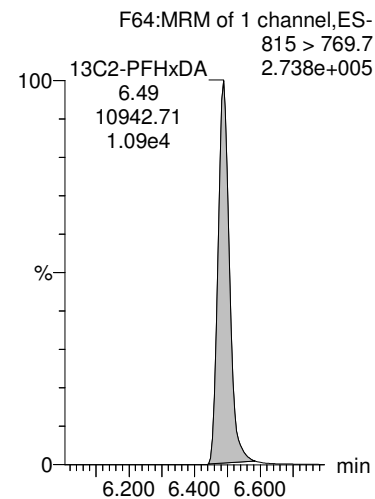
d5-N-ETFOSA



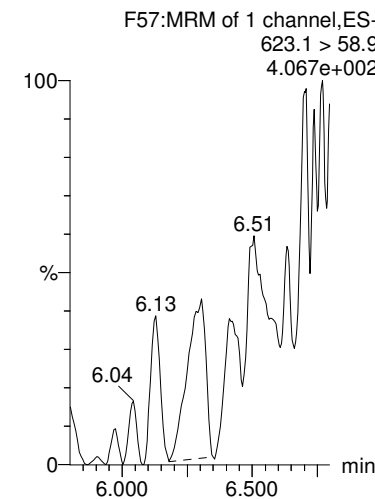
13C2-PFHxDA



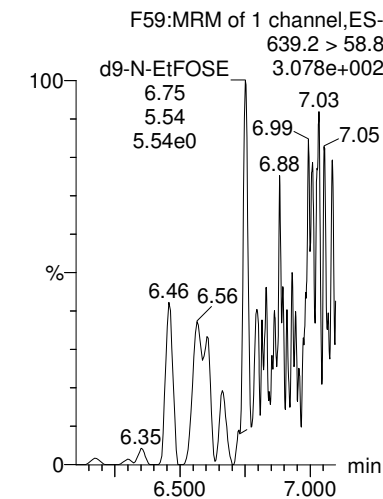
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-29.qld

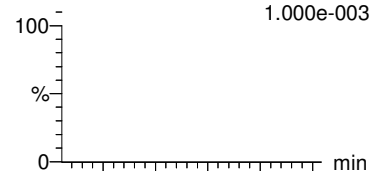
Last Altered: Thursday, August 30, 2018 12:46:02 Pacific Daylight Time

Printed: Thursday, August 30, 2018 12:47:54 Pacific Daylight Time

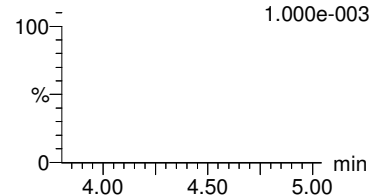
Name: 180825M1_29, Date: 25-Aug-2018, Time: 18:29:29, ID: B8H0014-BLK1 Method Blank 0.25, Description: Method Blank

TCDA

F31:MRM of 3 channels,ES-
498.3 > 106.9
1.000e-003

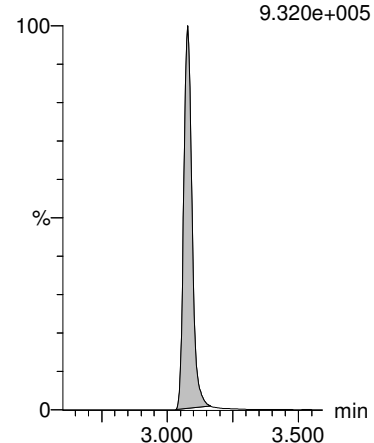


F31:MRM of 3 channels,ES-
498.3 > 123.9
1.000e-003



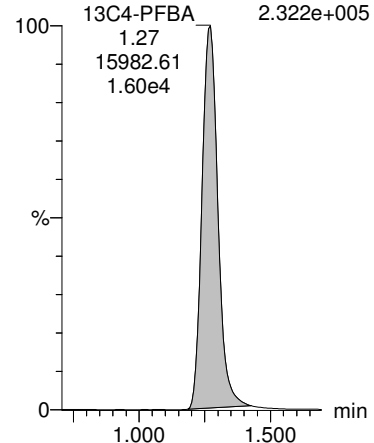
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
9.320e+005



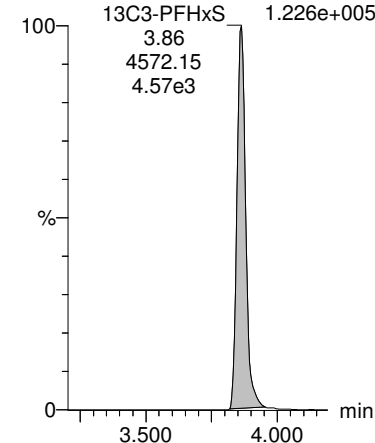
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
2.322e+005



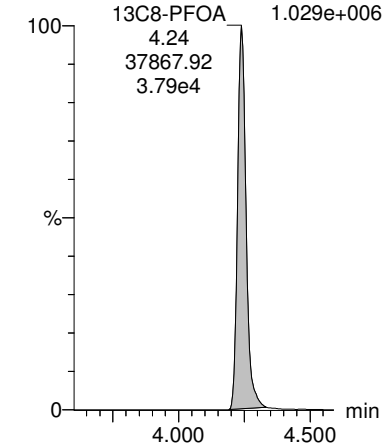
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.226e+005



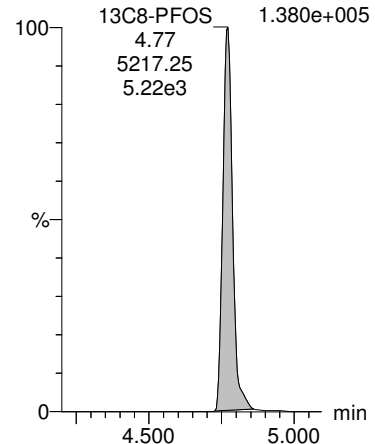
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
1.029e+006



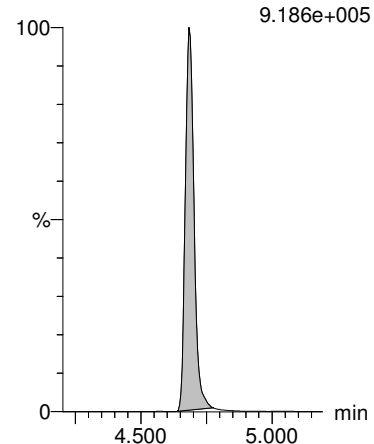
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.380e+005



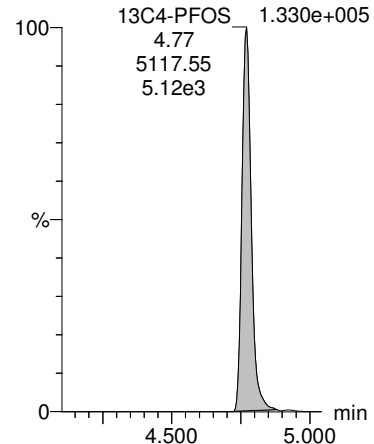
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
9.186e+005



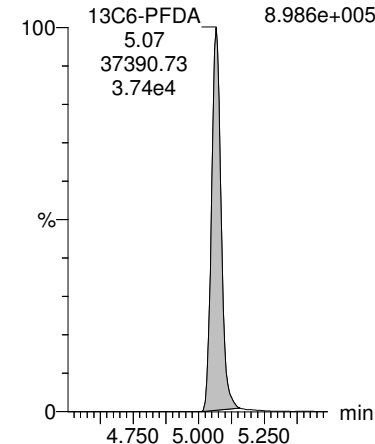
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.330e+005



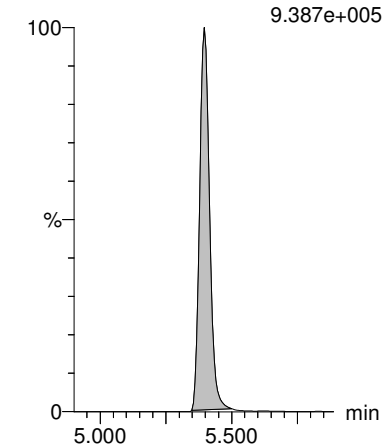
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
8.986e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
9.387e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-28.qld

Last Altered: Thursday, August 30, 2018 12:33:29 Pacific Daylight Time

Printed: Thursday, August 30, 2018 12:37:16 Pacific Daylight Time

Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

	# Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respo...	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	1.26e4	1.39e4	0.250	1.14	1.27	11.4	39.2332	98.1		
2	2 PFPeA	263.1 > 218.9	1.65e4	2.10e4	0.250	0.980	2.27	9.80	40.9748	102.4		
3	3 PFBS	299.0 > 79.7	3.83e3	2.45e3	0.250	1.96	2.58	19.6	39.3525	98.4	2.71	NO
4	4 4:2 FTS	327.2>307.2	3.71e3	4.86e3	0.250	0.954	2.99	9.54	40.2196	100.5	1.58	NO
5	5 PFHxA	313 > 269	2.52e4	1.28e4	0.250	0.988	3.08	9.88	41.9517	104.9	14.9	NO
6	36 13C3-PFBA	216.1 > 171.8	1.39e4	1.66e4	0.250	0.839	1.27	10.5	50.7527	101.5		
7	37 13C3-PFPeA	266. > 221.8	2.10e4	3.38e4	0.250	0.622	2.27	7.78	48.5969	97.2		
8	38 13C3-PFBS	302. > 98.8	2.45e3	3.38e4	0.250	0.0724	2.57	0.905	55.5671	111.1		
9	39 13C2-4:2 FTS	329.2>308.9	4.86e3	3.38e4	0.250	0.144	2.99	1.80	51.4374	102.9		
10	40 13C2-PFHxA	315 > 270	1.28e4	3.38e4	0.250	0.944	3.08	4.72	19.5208	97.6		
11	-1											
12	6 PFPeS	349.1>80.1	3.38e3	2.45e3	0.250	1.73	3.29	17.3	41.2371	103.1	1.68	NO
13	7 PFHpA	363.0 > 318.9	1.84e4	1.92e4	0.250	1.20	3.70	12.0	40.9587	102.4	22.5	NO
14	8 L-PFHxS	398.9 > 79.6	3.18e3	2.15e3	0.250	1.84	3.86	18.4	42.6598	106.6	1.80	NO
15	68 Total PFHxS	398.9 > 79.6	3.18e3	2.15e3	0.250			18.4	42.6598			
16	10 6:2 FTS	427.1 > 407	4.22e3	4.86e3	0.250	1.08	4.18	10.8	43.4625	108.7	2.68	NO
17	38 13C3-PFBS	302. > 98.8	2.45e3	3.38e4	0.250	0.0724	2.57	0.905	55.5671	111.1		
18	41 13C4-PFHpA	367.2 > 321.8	1.92e4	3.38e4	0.250	0.570	3.70	7.12	48.6724	97.3		
19	42 18O2-PFHxS	403.0 > 102.6	2.15e3	4.16e3	0.250	0.518	3.86	6.48	50.0909	100.2		
20	42 18O2-PFHxS	403.0 > 102.6	2.15e3	4.16e3	0.250	0.518	3.86	6.48	50.0909	100.2		
21	43 13C2-6:2 FTS	429.1 > 408.9	4.86e3	3.62e4	0.250	0.134	4.18	1.68	50.2807	100.6		
22	-1											
23	11 L-PFOA	412.8 > 368.9	3.02e4	2.93e4	0.250	1.29	4.24	12.9	41.4641	103.7	3.46	NO
24	69 Total PFOA	412.8 > 368.9	3.02e4	2.93e4	0.250			12.9	41.4641			
25	13 PFHpS	449 > 80.0	3.73e3	4.88e3	0.250	0.954	4.35	9.54	45.1743	112.9	1.71	NO
26	16 L-PFOS	498.9 > 79.9	4.14e3	4.88e3	0.250	1.06	4.77	10.6	43.5834	109.0	1.87	NO
27	70 Total PFOS	498.9 > 79.9	4.14e3	4.88e3	0.250			10.6	43.5834			
28	44 13C2-PFOA	414.9 > 369.7	2.93e4	3.62e4	0.250	0.811	4.24	10.1	47.0169	94.0		
29	44 13C2-PFOA	414.9 > 369.7	2.93e4	3.62e4	0.250	0.811	4.24	10.1	47.0169	94.0		
30	47 13C8-PFOS	507.0 > 79.9	4.88e3	4.74e3	0.250	1.03	4.77	12.9	48.4671	96.9		
31	47 13C8-PFOS	507.0 > 79.9	4.88e3	4.74e3	0.250	1.03	4.77	12.9	48.4671	96.9		
32	47 13C8-PFOS	507.0 > 79.9	4.88e3	4.74e3	0.250	1.03	4.77	12.9	48.4671	96.9		
33	-1											
34	14 PFNA	463.0 > 418.8	2.52e4	2.74e4	0.250	1.15	4.68	11.5	38.4168	96.0	5.48	NO
35	15 PFOSA	497.9 > 77.9	1.50e3	1.83e3	0.250	1.02	4.74	10.2	38.9202	97.3	55.2	YES
36	18 PFDA	513 > 468.8	2.51e4	2.51e4	0.250	1.25	5.07	12.5	40.6756	101.7	6.62	NO

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-28.qld

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Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

#	Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respo...	Conc.	%Rec	Ion Ratio	Ratio Out?
37	19 8:2 FTS	527 > 506.9	4.16e3	3.60e3	0.250	1.45	5.03	14.5	42.4522	106.1	2.75	NO
38	20 PFNS	549.1 > 80.1	3.21e3	4.88e3	0.250	0.822	5.13	8.22	42.7264	106.8	1.59	NO
39	45 13C5-PFNA	468.2 > 422.9	2.74e4	3.20e4	0.250	0.857	4.68	10.7	44.6549	89.3		
40	46 13C8-PFOA	506.1 > 77.7	1.83e3	3.90e4	0.250	0.0468	4.74	0.585	11.9563	23.9		
41	48 13C2-PFDA	515.1 > 469.9	2.51e4	3.38e4	0.250	0.744	5.07	9.30	39.4354	78.9		
42	49 13C2-8:2 FTS	529.1 > 508.7	3.60e3	3.62e4	0.250	0.0994	5.03	1.24	47.4276	94.9		
43	47 13C8-PFOS	507.0 > 79.9	4.88e3	4.74e3	0.250	1.03	4.77	12.9	48.4671	96.9		
44	-1											
45	21 L-MeFOSAA	570 > 419	6.31e3	6.18e3	0.250	1.28	5.22	12.8	39.8343	99.6	2.57	NO
46	71 Total N-MeFOSAA	570. > 419	6.31e3	6.18e3	0.250			12.8	39.8343			
47	23 L-EtFOSAA	584.1 > 419	5.52e3	7.31e3	0.250	0.943	5.38	9.43	38.7662	96.9	1.48	NO
48	72 Total N-EtFOSAA	584.1 > 419	5.52e3	7.31e3	0.250			9.43	38.7662			
49	25 PFUDa	563.0 > 518.9	2.20e4	2.73e4	0.250	1.01	5.40	10.1	42.5740	106.4	13.0	NO
50	50 d3-N-MeFOSAA	573.3 > 419	6.18e3	3.90e4	0.250	0.158	5.21	1.98	34.9361	69.9		
51	50 d3-N-MeFOSAA	573.3 > 419	6.18e3	3.90e4	0.250	0.158	5.21	1.98	34.9361	69.9		
52	52 d5-N-EtFOSAA	589.3 > 419	7.31e3	3.90e4	0.250	0.187	5.37	2.34	38.0072	76.0		
53	52 d5-N-EtFOSAA	589.3 > 419	7.31e3	3.90e4	0.250	0.187	5.37	2.34	38.0072	76.0		
54	51 13C2-PFUDa	565 > 519.8	2.73e4	3.90e4	0.250	0.699	5.40	8.74	34.6899	69.4		
55	-1											
56	26 PFDS	598.8 > 79.9	3.70e3	4.88e3	0.250	0.949	5.45	9.49	41.0671	102.7	1.64	NO
57	27 PFDoA	612.9 > 569.0	2.69e4	2.91e4	0.250	1.16	5.68	11.6	42.2473	105.6	8.99	NO
58	29 PFTrDA	662.9 > 618.9	2.85e4	2.91e4	0.250	1.22	5.93	12.2	42.9540	107.4	32.7	NO
59	30 PFTeDA	712.8 > 669.0	2.47e4	2.22e4	0.250	1.39	6.15	13.9	42.6303	106.6	11.3	NO
60	28 N-MeFOSA	512.1 > 168.9	2.74e1		0.250	0.000	5.76				1.47	NO
61	51 13C2-PFUDa	565 > 519.8	2.73e4	3.90e4	0.250	0.699	5.40	8.74	34.6899	69.4		
62	53 13C2-PFDoA	615.0 > 569.7	2.91e4	3.38e4	0.250	0.861	5.68	10.8	37.6501	75.3		
63	53 13C2-PFDoA	615.0 > 569.7	2.91e4	3.38e4	0.250	0.861	5.68	10.8	37.6501	75.3		
64	55 13C2-PFTeDA	714.8 > 669.6	2.22e4	3.90e4	0.250	0.569	6.15	7.11	39.3328	78.7		
65	54 d3-N-MeFOSA	515.2 > 168.9		3.90e4	0.250							
66	-1											
67	31 N-EtFOSA	526.1 > 168.9	6.73e1		0.250	0.000	6.18				1.44	NO
68	32 PFHxDA	813.1 > 768.6	1.38e4	1.02e4	0.250	0.677	6.49	6.77	40.9121	102.3	41.6	NO
69	33 PFOA	913.1 > 868.8	3.52e3	1.02e4	0.250	0.172	6.72	1.72	8.2401	20.6		
70	34 N-MeFOSE	616.1 > 58.9	2.30e3		0.250	0.000	6.35					
71	35 N-EtFOSE	630.1 > 58.9	2.77e3		0.250	0.000	6.51					
72	56 d5-N-ETFOSA	531.1 > 168.9		3.90e4	0.250							

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Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

#	Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respo...	Conc.	%Rec	Ion Ratio	Ratio Out?
73	57 13C2-PFHxDA	815 > 769.7	1.02e4	3.90e4	0.250	0.654	6.49	3.27	14.2457	71.2		
74	57 13C2-PFHxDA	815 > 769.7	1.02e4	3.90e4	0.250	0.654	6.49	3.27	14.2457	71.2		
75	58 d7-N-MeFOSE	623.1 > 58.9		3.90e4	0.250							
76	59 d9-N-EtFOSE	639.2 > 58.8		3.90e4	0.250							
77	-1											
78	73 TCDA	498.3>106.9			0.250							
79	61 13C5-PFHxA	318 > 272.9	3.38e4	3.38e4	0.250	1.00	3.08	12.5	50.0000	100.0		
80	60 13C4-PFBA	217. > 172	1.66e4	1.66e4	0.250	1.00	1.26	12.5	50.0000	100.0		
81	62 13C3-PFHxS	401.8 > 79.9	4.16e3	4.16e3	0.250	1.00	3.86	12.5	50.0000	100.0		
82	63 13C8-PFOA	420.9 > 376	3.62e4	3.62e4	0.250	1.00	4.24	12.5	50.0000	100.0		
83	47 13C8-PFOS	507.0 > 79.9	4.88e3	4.74e3	0.250	1.03	4.77	12.9	48.4671	96.9		
84	64 13C9-PFNA	472.2 > 426.9	3.20e4	3.20e4	0.250	1.00	4.68	12.5	50.0000	100.0		
85	65 13C4-PFOS	503 > 79.9	4.74e3	4.74e3	0.250	1.00	4.77	12.5	50.0000	100.0		
86	66 13C6-PFDA	519.1 > 473.7	3.38e4	3.38e4	0.250	1.00	5.07	12.5	50.0000	100.0		
87	67 13C7-PFUdA	570.1 > 524.8	3.90e4	3.90e4	0.250	1.00	5.40	12.5	50.0000	100.0		

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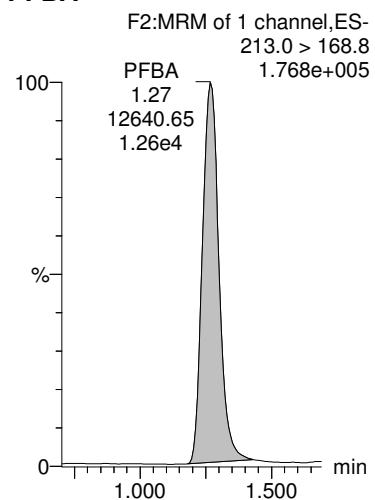
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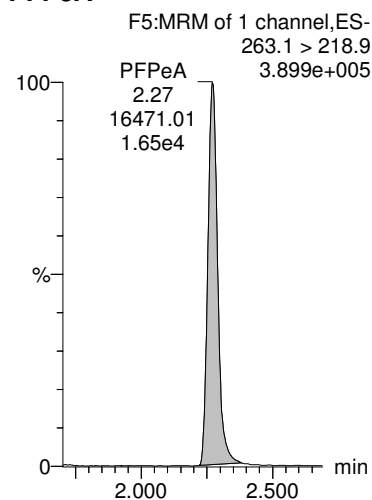
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Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

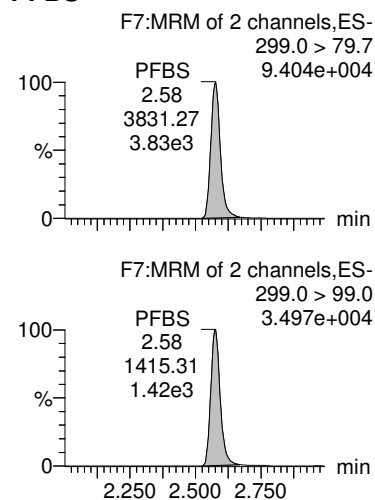
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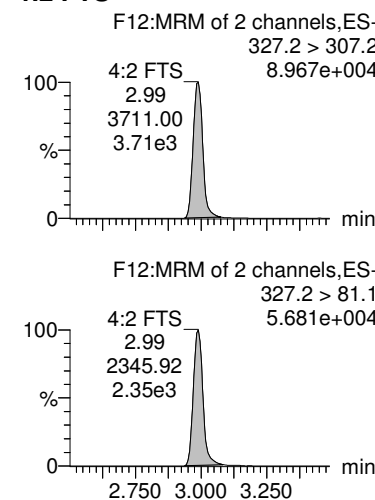
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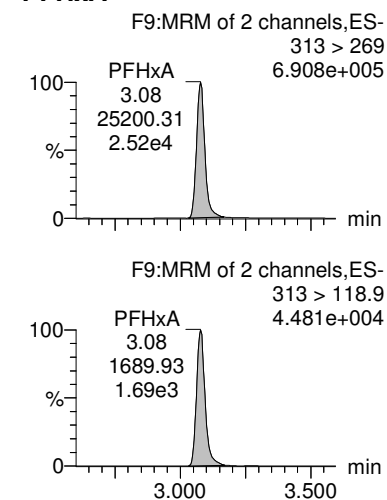
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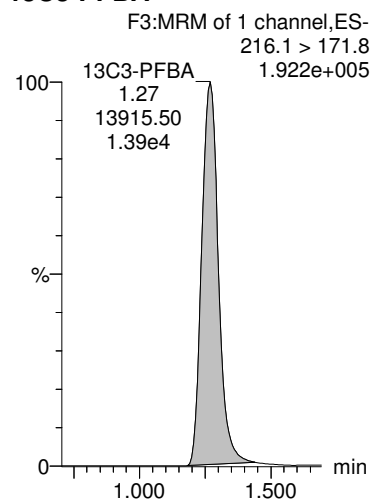
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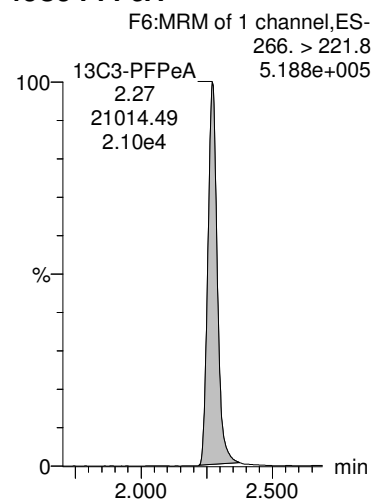
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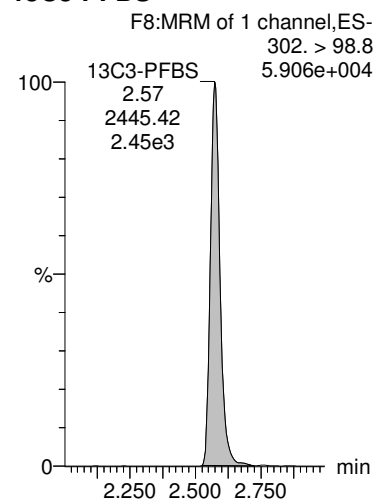
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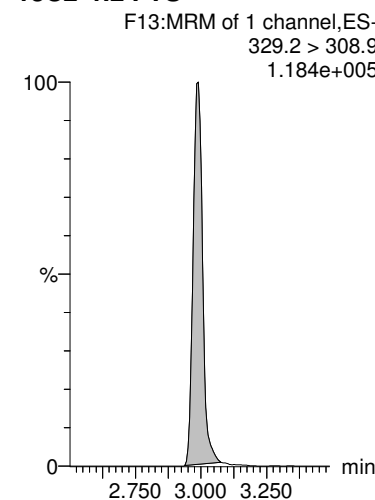
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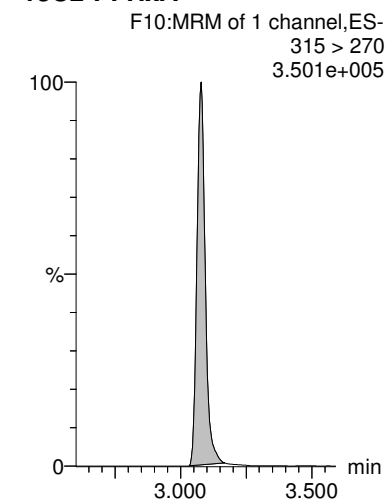
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13C2-4:2 FTS



13C2-PFHxA



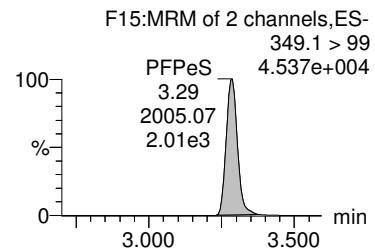
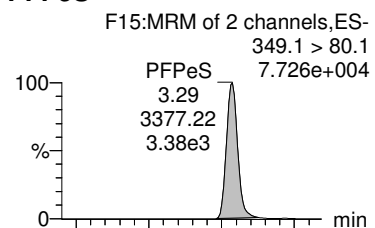
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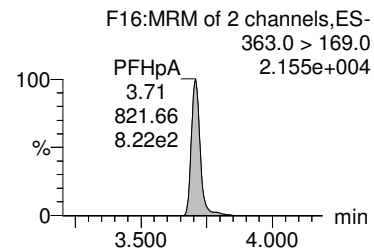
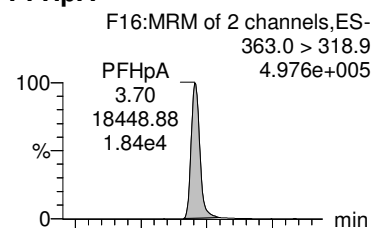
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Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

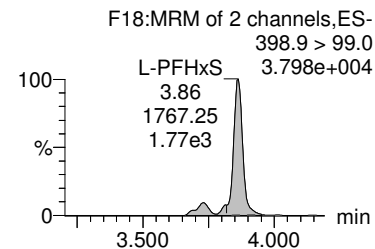
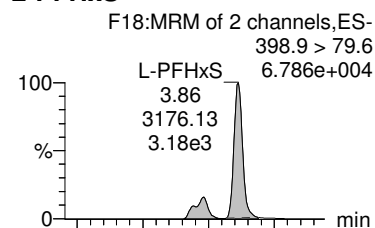
PFPeS



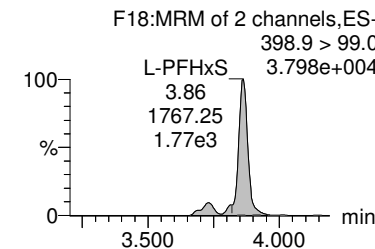
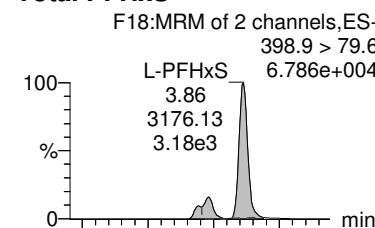
PFHpA



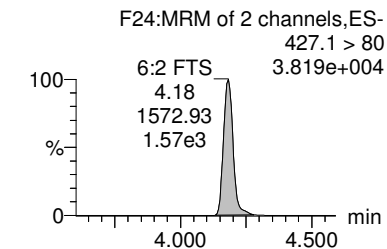
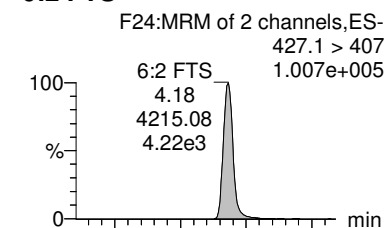
L-PFHxS



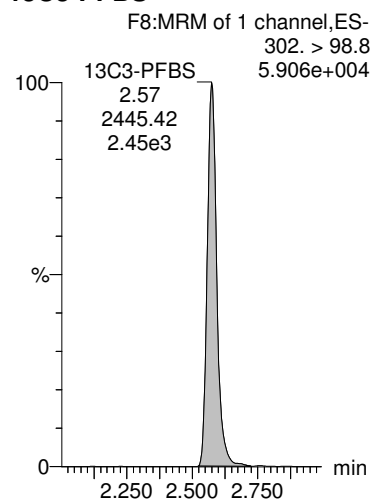
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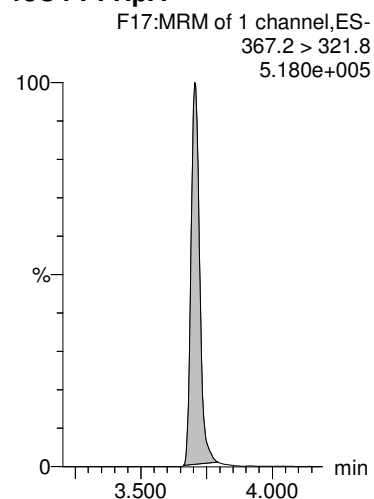
6:2 FTS



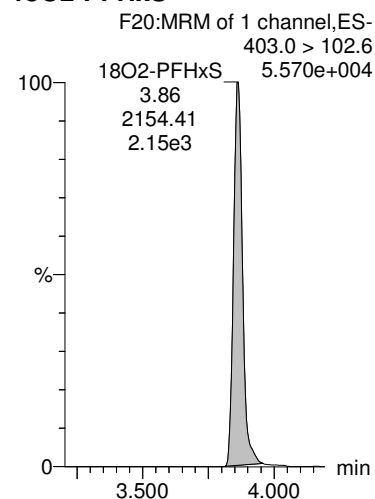
13C3-PFBS



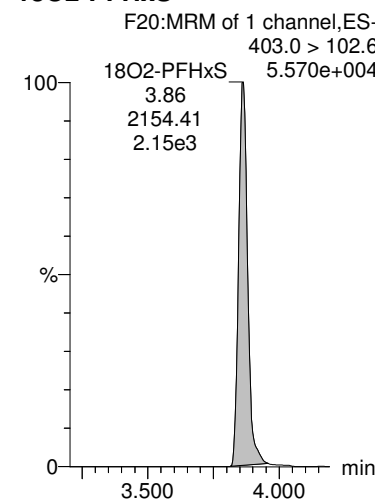
13C4-PFHpA



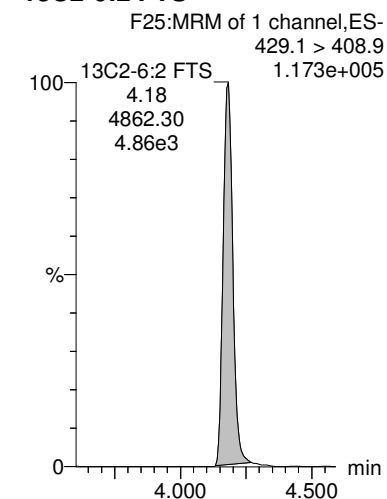
18O2-PFHxS



18O2-PFHxS



13C2-6:2 FTS



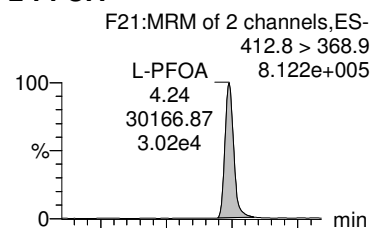
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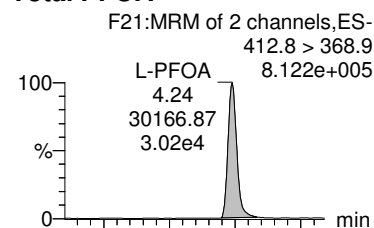
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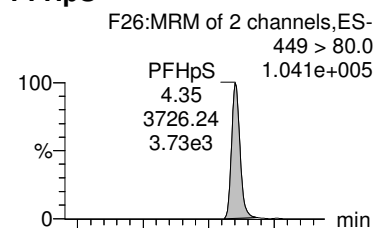
L-PFOA



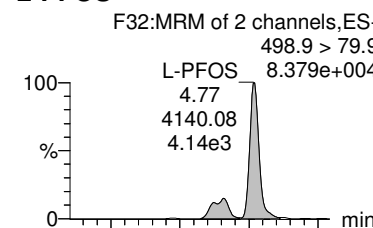
Total PFOA



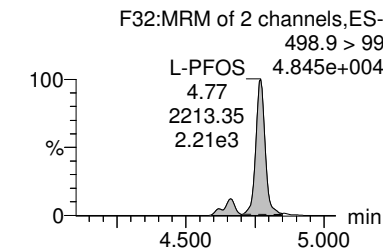
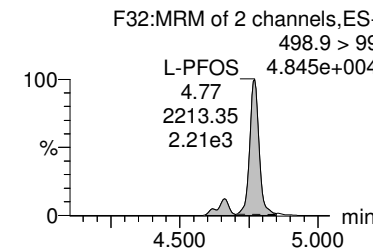
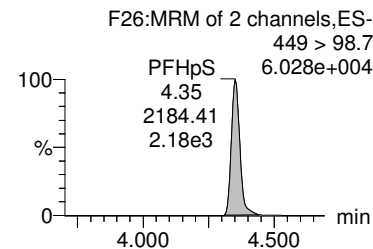
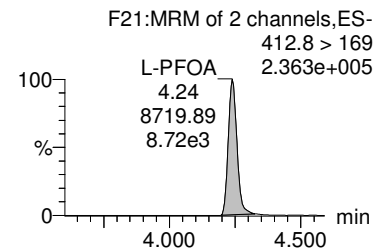
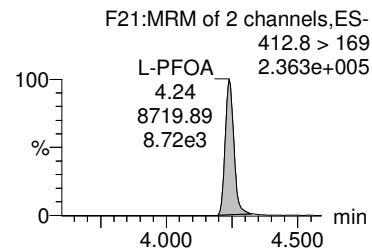
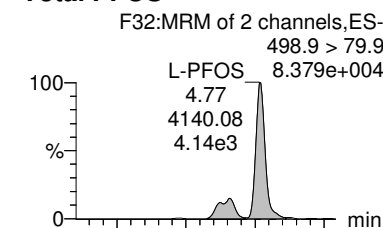
PFHpS



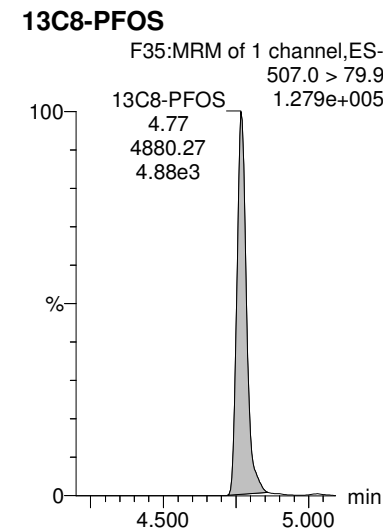
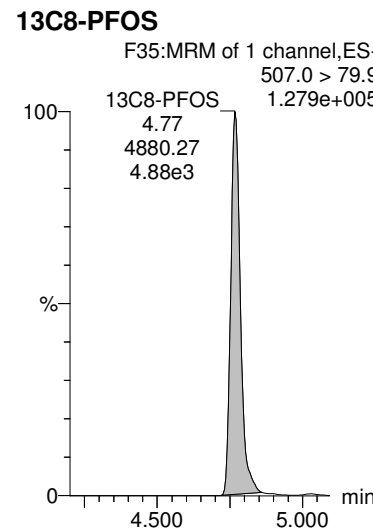
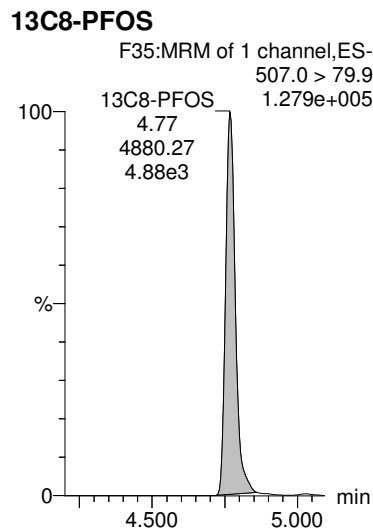
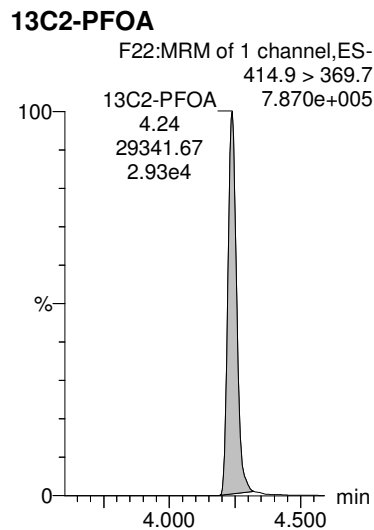
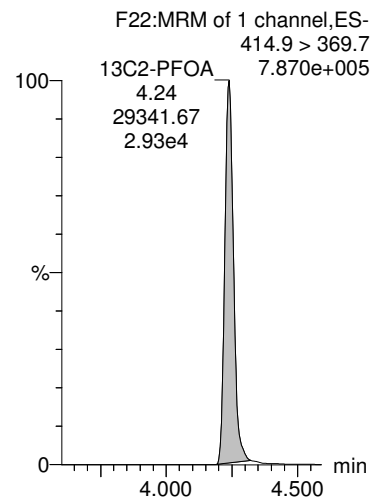
L-PFOS



Total PFOS



13C2-PFOA



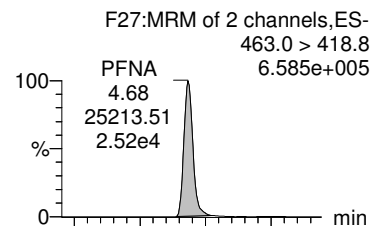
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-28.qld

Last Altered: Thursday, August 30, 2018 12:33:29 Pacific Daylight Time

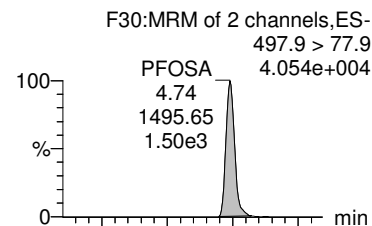
Printed: Thursday, August 30, 2018 12:37:16 Pacific Daylight Time

Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

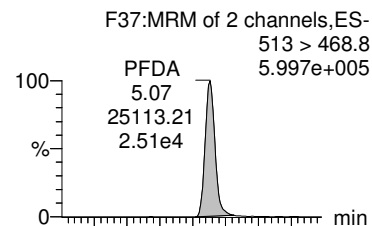
PFNA



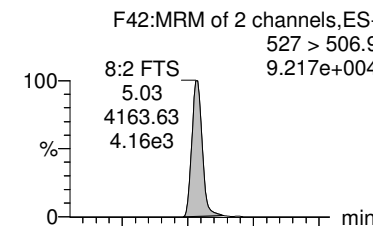
PFOSA



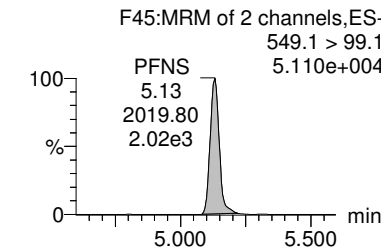
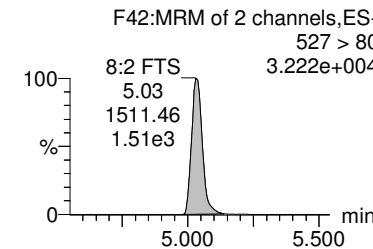
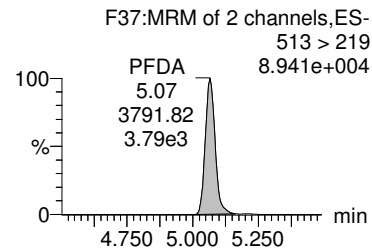
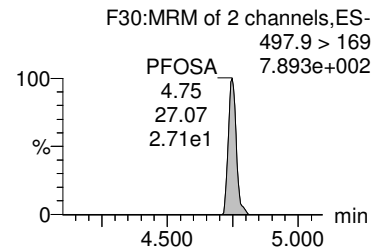
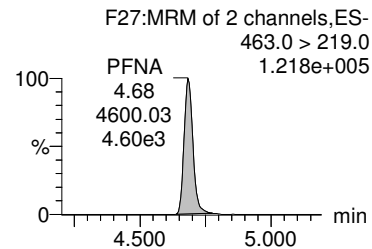
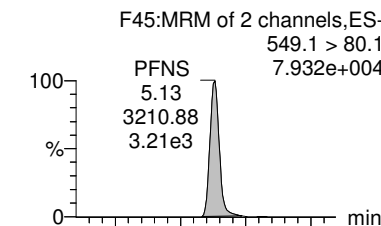
PFDA



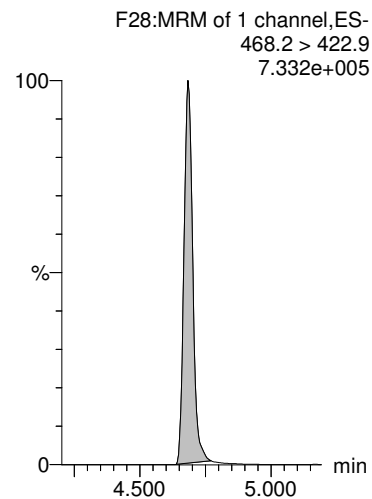
8:2 FTS



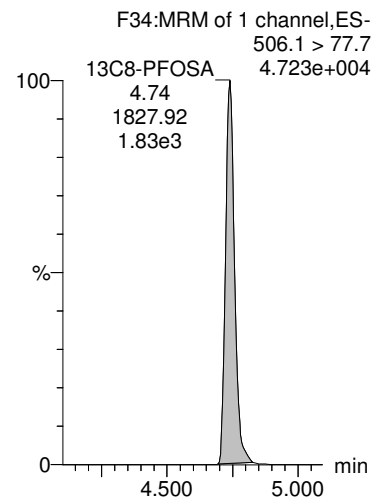
PFNS



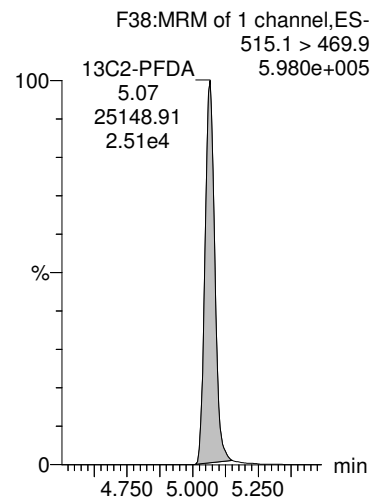
13C5-PFNA



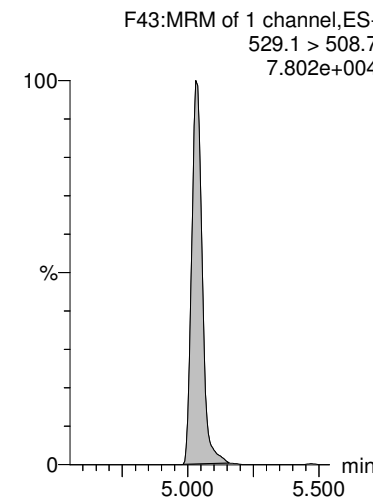
13C8-PFOSA



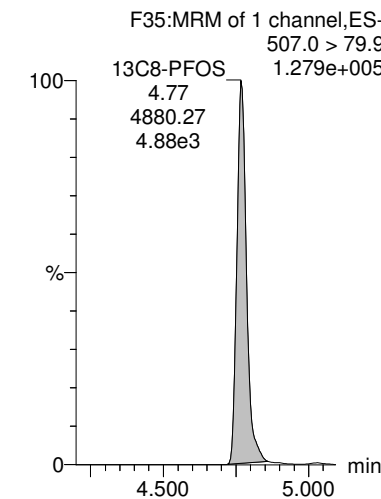
13C2-PFDA



13C2-8:2 FTS



13C8-PFOS



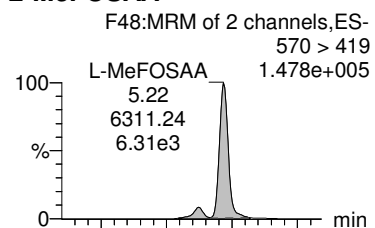
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-28.qld

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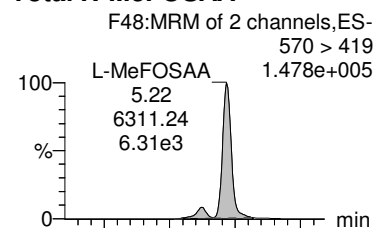
Printed: Thursday, August 30, 2018 12:37:16 Pacific Daylight Time

Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

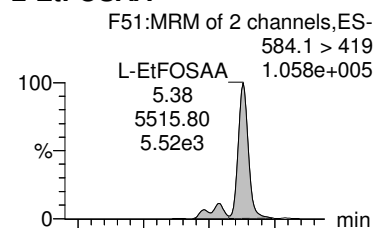
L-MeFOSAA



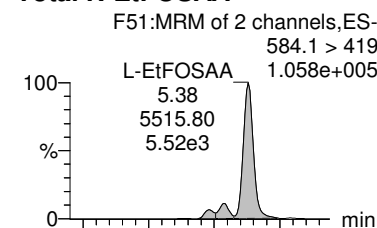
Total N-MeFOSAA



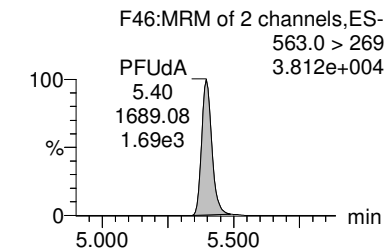
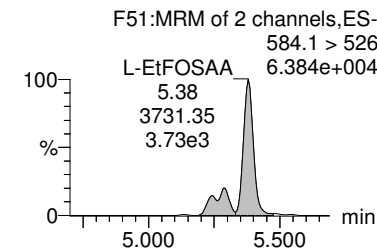
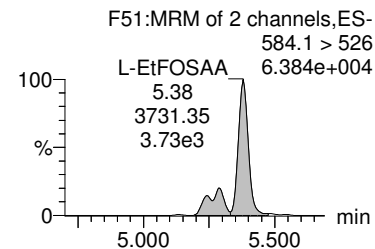
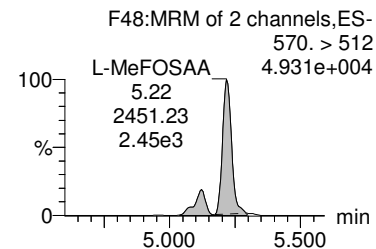
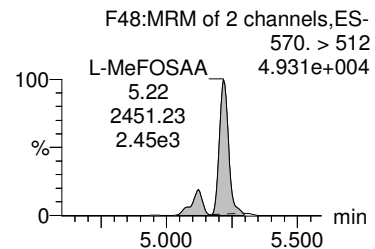
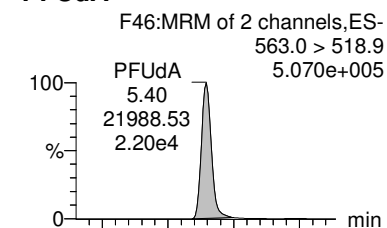
L-EtFOSAA



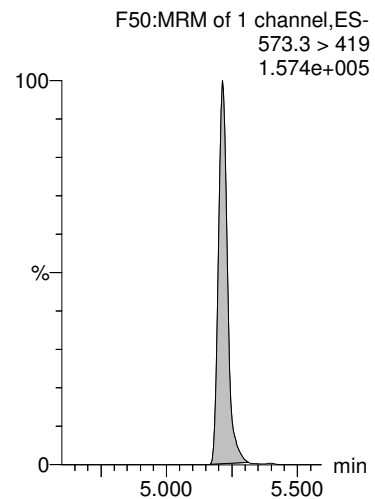
Total N-EtFOSAA



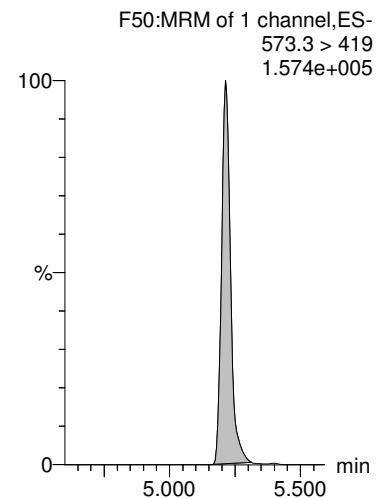
PFUdA



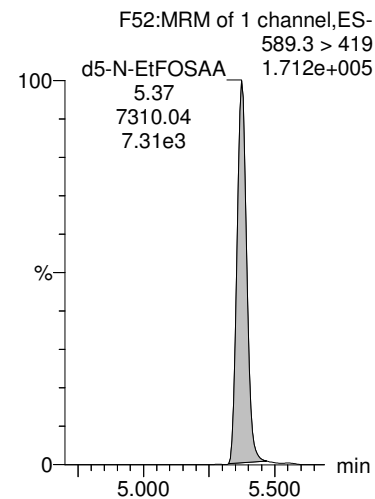
d3-N-MeFOSAA



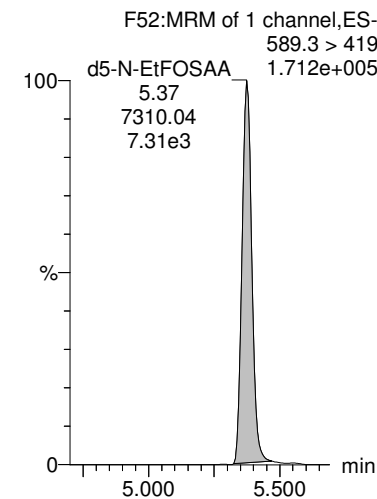
d3-N-MeFOSAA



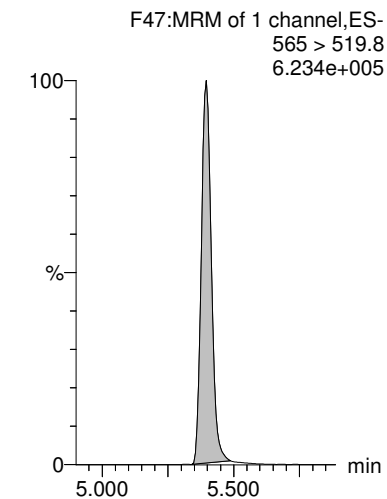
d5-N-EtFOSAA



d5-N-EtFOSAA



13C2-PFUdA



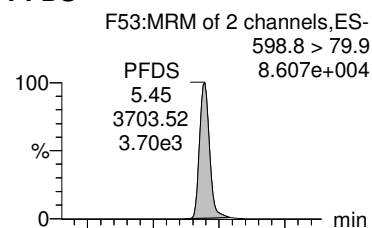
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-28.qld

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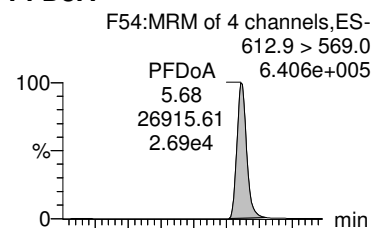
Printed: Thursday, August 30, 2018 12:37:16 Pacific Daylight Time

Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

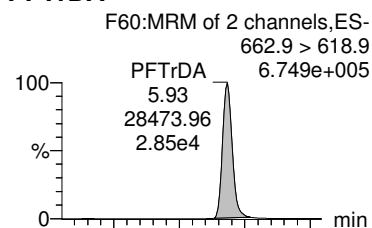
PFDS



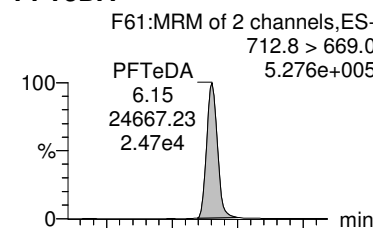
PFDaA



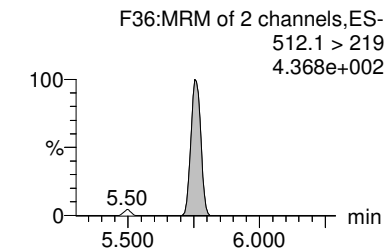
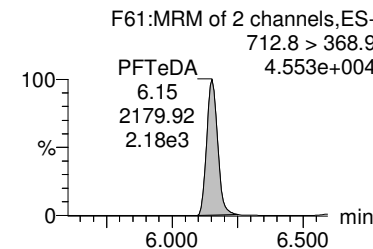
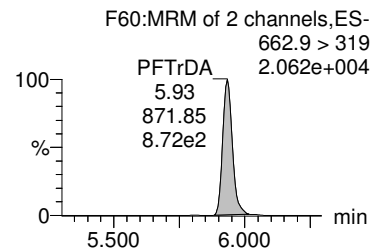
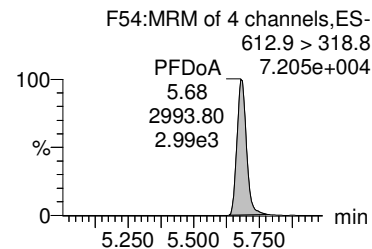
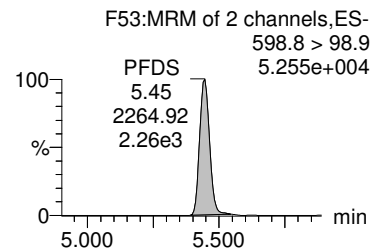
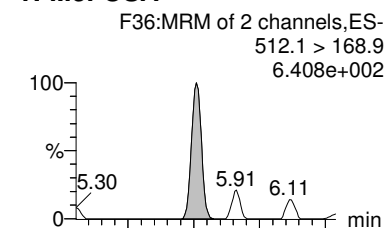
PFTTrDA



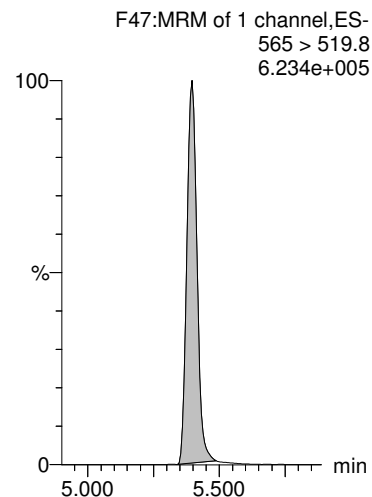
PFTeDA



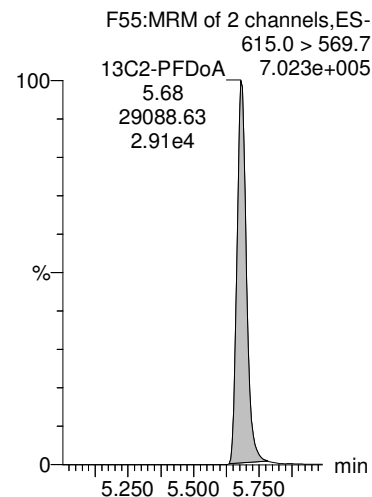
N-MeFOSA



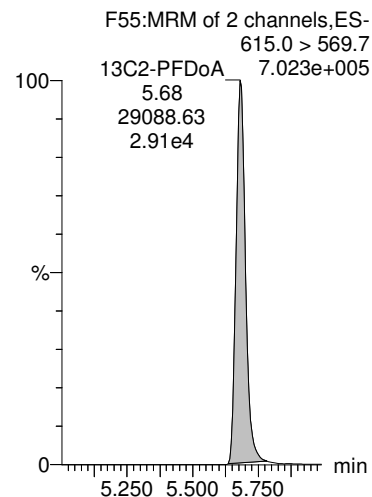
13C2-PFUDa



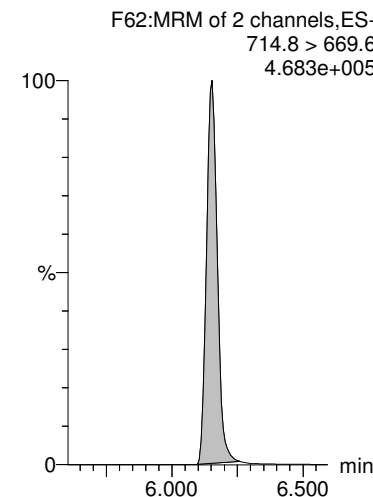
13C2-PFDaA



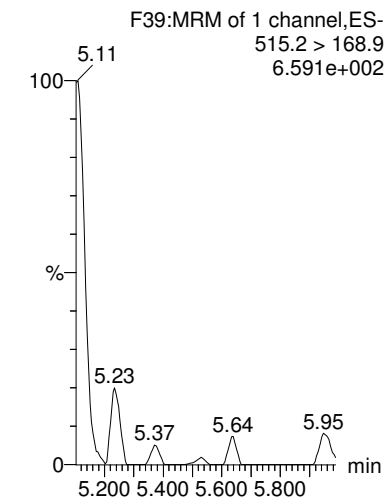
13C2-PFDaA



13C2-PFTeDA



d3-N-MeFOSA



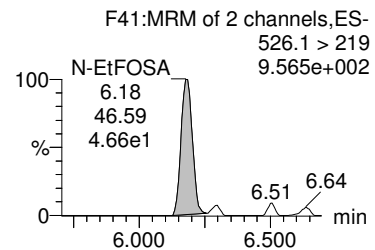
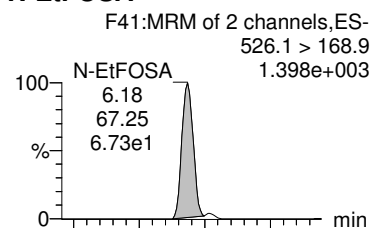
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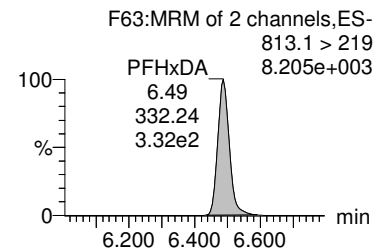
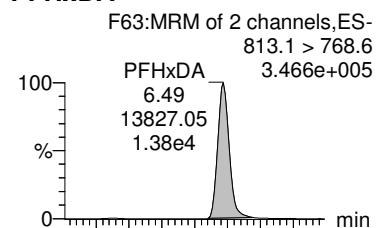
Printed: Thursday, August 30, 2018 12:37:16 Pacific Daylight Time

Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

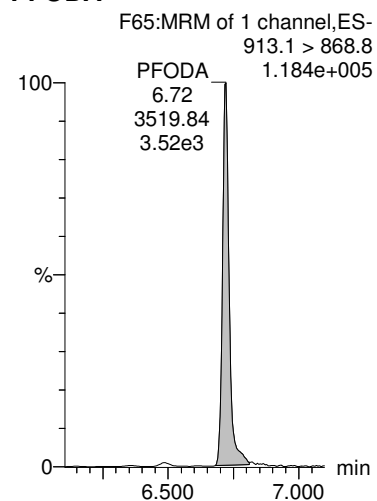
N-EtFOSA



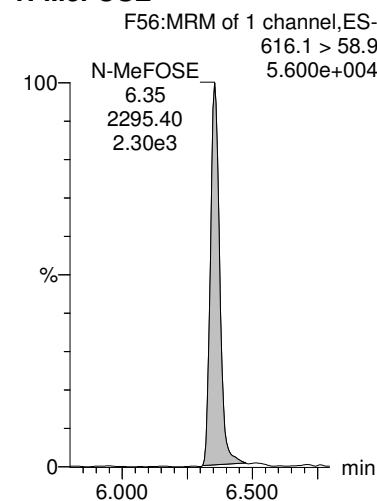
PFHxDA



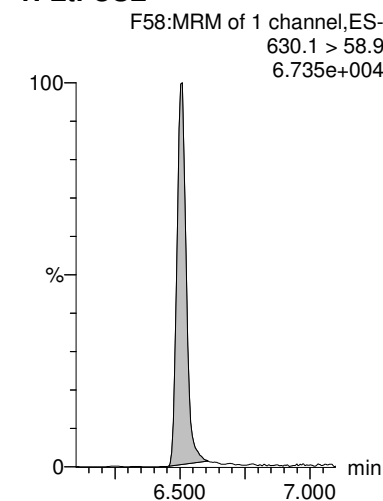
PFODA



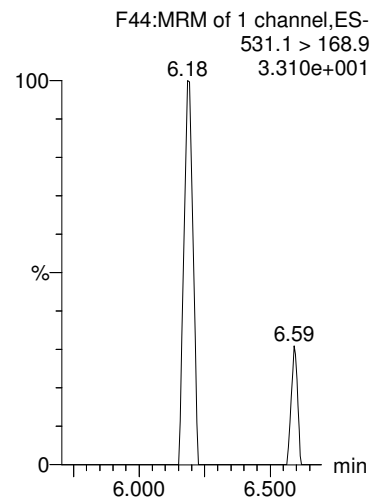
N-MeFOSE



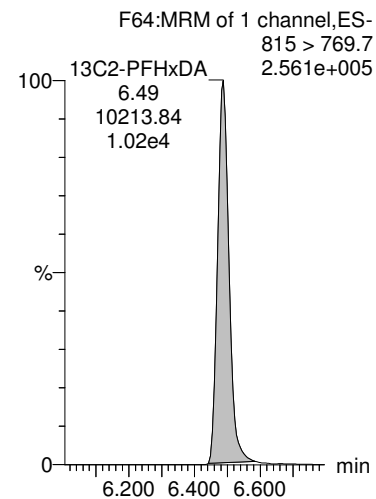
N-EtFOSE



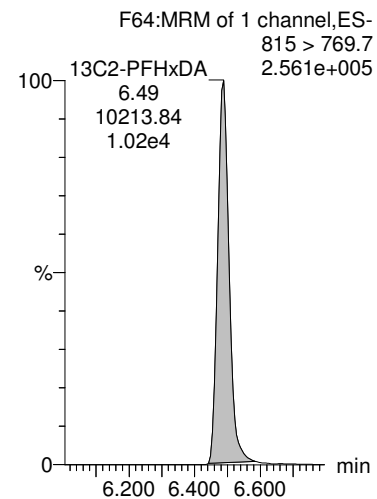
d5-N-ETFOSA



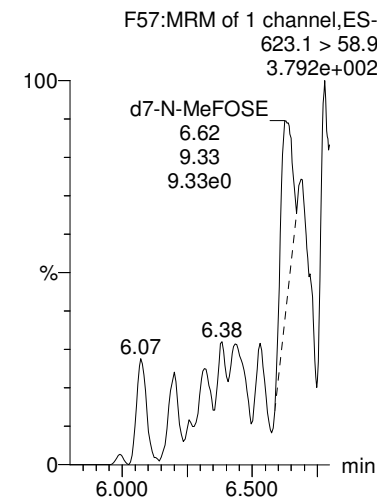
13C2-PFHxDA



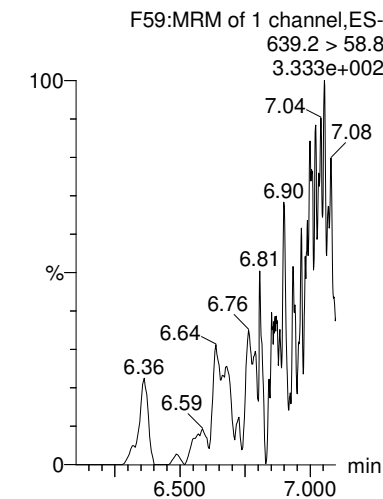
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-28.qld

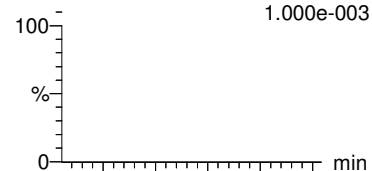
Last Altered: Thursday, August 30, 2018 12:33:29 Pacific Daylight Time

Printed: Thursday, August 30, 2018 12:37:16 Pacific Daylight Time

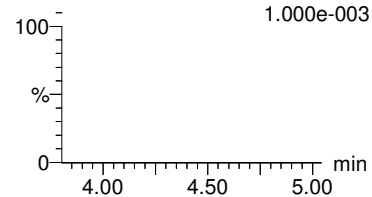
Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

TCDA

F31:MRM of 3 channels,ES-
498.3 > 106.9
1.000e-003

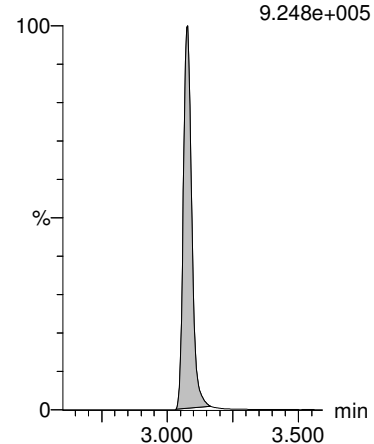


F31:MRM of 3 channels,ES-
498.3 > 123.9
1.000e-003



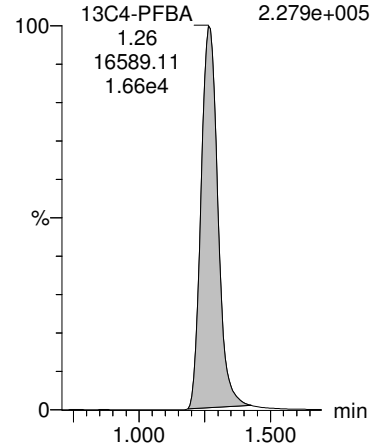
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
9.248e+005



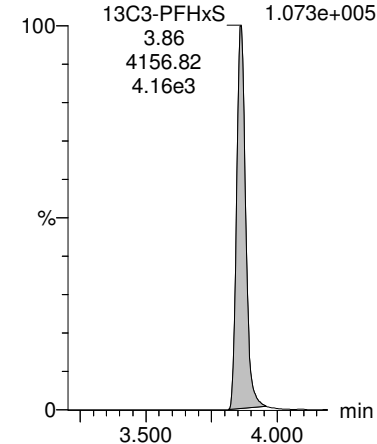
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
2.279e+005



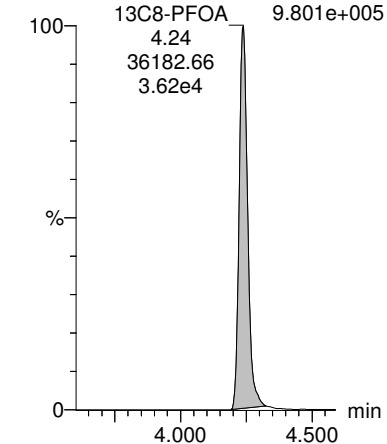
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.073e+005



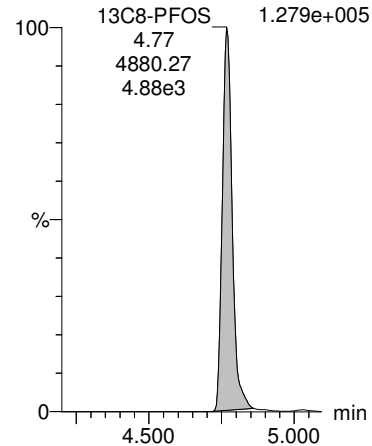
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
9.801e+005



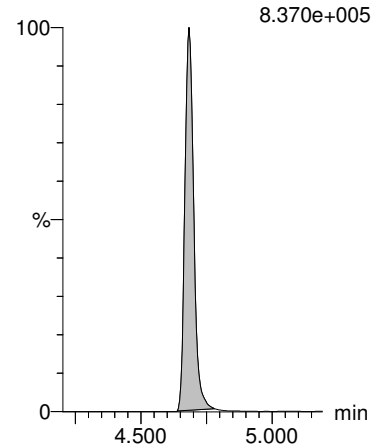
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.279e+005



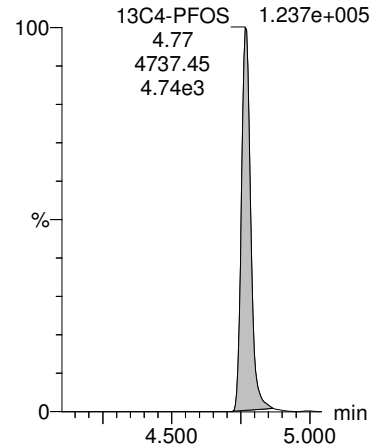
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
8.370e+005



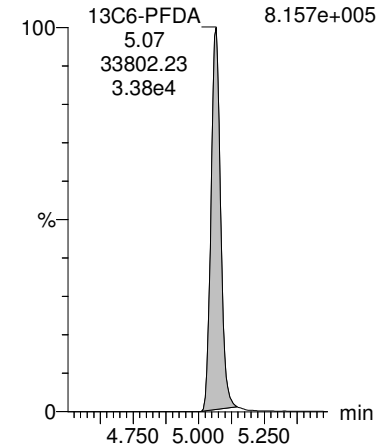
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.237e+005



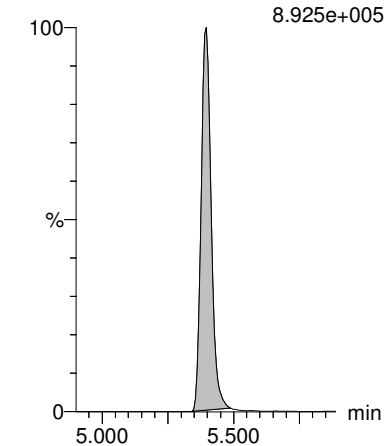
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
8.157e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
8.925e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-32.qld

MMM 9/6/2018

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Name: 180825M1_32, Date: 25-Aug-2018, Time: 19:01:19, ID: 1802094-01 FC-MW025R1-20180726 0.24814, Description: FC-MW025R1-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...		1.33e4	0.248							
2	2 PFPeA	263.1 > 21...	5.58e3	1.95e4	0.248	0.000	2.26	3.59	14.9546			
3	3 PFBS	299.0 > 79.7	6.39e1	2.35e3	0.248	0.000	2.57	0.340	0.6190		2.12	NO
4	5 PFHxA	313 > 269	8.51e3	1.27e4	0.248	0.000	3.07	3.35	14.1696		14.0	NO
5	7 PFHpA	363.0 > 31...	2.65e3	1.92e4	0.248	0.000	3.70	1.73	5.8273		31.2	YES
6	36 13C3-PFBA	216.1 > 17...	1.33e4	1.67e4	0.248	0.794	1.26	9.93	48.4284	96.1		
7	37 13C3-PFPeA	266. > 221.8	1.95e4	3.42e4	0.248	0.569	2.27	7.11	44.7433	88.8		
8	38 13C3-PFBS	302. > 98.8	2.35e3	3.42e4	0.248	0.0686	2.57	0.858	53.0601	105.3		
9	40 13C2-PFHxA	315 > 270	1.27e4	3.42e4	0.248	0.928	3.07	4.64	19.3204	95.9		
10	41 13C4-PFHpA	367.2 > 32...	1.92e4	3.42e4	0.248	0.561	3.70	7.01	48.2640	95.8		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	1.32e2	2.12e3	0.248	0.000	3.86	0.779	1.7879		2.06	NO
13	68 Total PFHxS	398.9 > 79.6	1.32e2	2.12e3	0.248			0.779	1.7879			
14	10 6:2 FTS	427.1 > 407	1.25e2	4.62e3	0.248	0.000	4.18	0.337	1.1762		3.56	NO
15	11 L-PFOA	412.8 > 36...	1.67e4	2.80e4	0.248	0.000	4.24	7.45	24.0254		3.50	NO
16	69 Total PFOA	412.8 > 36...	1.71e4	2.80e4	0.248			7.64	24.2254			
17	42 18O2-PFHxS	403.0 > 10...	2.12e3	4.48e3	0.248	0.473	3.86	5.91	46.0619	91.4		
18	42 18O2-PFHxS	403.0 > 10...	2.12e3	4.48e3	0.248	0.473	3.86	5.91	46.0619	91.4		
19	43 13C2-6:2 FTS	429.1 > 40...	4.62e3	3.89e4	0.248	0.119	4.18	1.49	44.8520	89.0		
20	44 13C2-PFOA	414.9 > 36...	2.80e4	3.89e4	0.248	0.721	4.24	9.01	42.1081	83.6		
21	44 13C2-PFOA	414.9 > 36...	2.80e4	3.89e4	0.248	0.721	4.24	9.01	42.1081	83.6		
22	-1											
23	13 PFHpS	449 > 80.0	3.10e1	4.13e3	0.248	0.000	4.36	0.0938			0.654	YES
24	14 PFNA	463.0 > 41...	1.12e5	2.46e4	0.248	0.000	4.68	56.8	191.7165		5.62	NO
25	15 PFOSA	497.9 > 77.9		2.31e3	0.248							
26	16 L-PFOS	498.9 > 79.9	1.03e3	4.13e3	0.248	0.000	4.77	3.11	12.7870		2.00	NO
27	70 Total PFOS	498.9 > 79.9	1.03e3	4.13e3	0.248			3.11	12.7870			
28	47 13C8-PFOS	507.0 > 79.9	4.13e3	5.37e3	0.248	0.768	4.77	9.60	36.3982	72.3		
29	45 13C5-PFNA	468.2 > 42...	2.46e4	3.32e4	0.248	0.742	4.68	9.28	38.9571	77.3		
30	46 13C8-PFOSA	506.1 > 77.7	2.31e3	3.04e4	0.248	0.0759	4.74	0.949	19.5250	38.8		
31	47 13C8-PFOS	507.0 > 79.9	4.13e3	5.37e3	0.248	0.768	4.77	9.60	36.3982	72.3		
32	47 13C8-PFOS	507.0 > 79.9	4.13e3	5.37e3	0.248	0.768	4.77	9.60	36.3982	72.3		
33	-1											
34	18 PFDA	513 > 468.8	4.41e4	2.15e4	0.248	0.000	5.07	25.7	84.6326		6.80	NO
35	19 8:2 FTS	527 > 506.9	5.52e2	3.18e3	0.248	0.000	5.04	2.17	5.9564		2.05	NO
36	21 L-MeFOSAA	570 > 419		4.30e3	0.248							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	4.30e3	0.248			0.000				

ND

CGH 8/30/2018

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Name: 180825M1_32, Date: 25-Aug-2018, Time: 19:01:19, ID: 1802094-01 FC-MW025R1-20180726 0.24814, Description: FC-MW025R1-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	5.88e5	1.85e4	0.248	0.000	5.40	397	1712.8542		13.1	NO
39	48 13C2-PFDA	515.1 > 46...	2.15e4	3.58e4	0.248	0.600	5.07	7.50	32.0327	63.6		
40	49 13C2-8:2 FTS	529.1 > 50...	3.18e3	3.89e4	0.248	0.0818	5.04	1.02	39.3115	78.0		
41	50 d3-N-MeFOSAA	573.3 > 419	4.30e3	3.04e4	0.248	0.141	5.21	1.77	31.4339	62.4		
42	50 d3-N-MeFOSAA	573.3 > 419	4.30e3	3.04e4	0.248	0.141	5.21	1.77	31.4339	62.4		
43	51 13C2-PFUdA	565 > 519.8	1.85e4	3.04e4	0.248	0.609	5.40	7.61	30.4361	60.4		
44	-1											
45	23 L-EtFOSAA	584.1 > 419		4.57e3	0.248							
46	72 Total N-EtFOSAA	584.1 > 419	0.00e0	4.57e3	0.248			0.000				
47	26 PFDS	598.8 > 79.9		4.13e3	0.248							
48	27 PFDoA	612.9 > 56...	1.38e3	2.57e4	0.248	0.000	5.69	0.672	2.3753		12.2	YES
49	29 PFTrDA	662.9 > 61...	2.46e3	2.57e4	0.248	0.000	5.93	1.19	4.0819		32.7	NO
50	52 d5-N-EtFOSAA	589.3 > 419	4.57e3	3.04e4	0.248	0.150	5.37	1.88	30.7735	61.1		
51	52 d5-N-EtFOSAA	589.3 > 419	4.57e3	3.04e4	0.248	0.150	5.37	1.88	30.7735	61.1		
52	51 13C2-PFUdA	565 > 519.8	1.85e4	3.04e4	0.248	0.609	5.40	7.61	30.4361	60.4		
53	53 13C2-PFDoA	615.0 > 56...	2.57e4	3.58e4	0.248	0.718	5.68	8.98	31.6562	62.8		
54	53 13C2-PFDoA	615.0 > 56...	2.57e4	3.58e4	0.248	0.718	5.68	8.98	31.6562	62.8		
55	-1											
56	30 PFTeDA	712.8 > 66...		2.07e4	0.248							
57	73 TCDA	498.3>106.9			0.248							
58	60 13C4-PFBA	217. > 172	1.67e4	1.67e4	0.248	1.00	1.26	12.5	50.3748	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.42e4	3.42e4	0.248	1.00	3.07	12.5	50.3748	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.48e3	4.48e3	0.248	1.00	3.86	12.5	50.3748	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	2.07e4	3.04e4	0.248	0.680	6.15	8.50	47.3944	94.1		
62	47 13C8-PFOS	507.0 > 79.9	4.13e3	5.37e3	0.248	0.768	4.77	9.60	36.3982	72.3		
63	63 13C8-PFOA	420.9 > 376	3.89e4	3.89e4	0.248	1.00	4.24	12.5	50.3748	100.0		
64	64 13C9-PFNA	472.2 > 42...	3.32e4	3.32e4	0.248	1.00	4.68	12.5	50.3748	100.0		
65	65 13C4-PFOS	503 > 79.9	5.37e3	5.37e3	0.248	1.00	4.77	12.5	50.3748	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.58e4	3.58e4	0.248	1.00	5.07	12.5	50.3748	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.04e4	3.04e4	0.248	1.00	5.40	12.5	50.3748	100.0		

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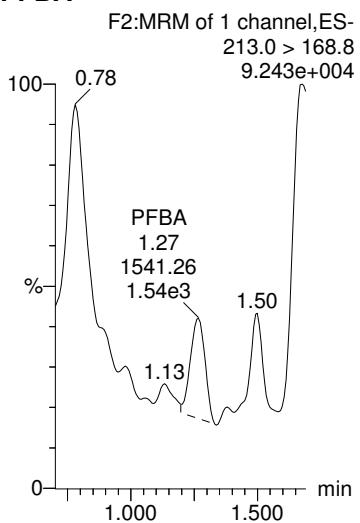
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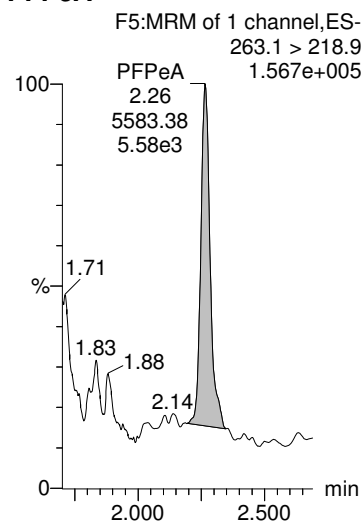
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Name: 180825M1_32, Date: 25-Aug-2018, Time: 19:01:19, ID: 1802094-01 FC-MW025R1-20180726 0.24814, Description: FC-MW025R1-20180726

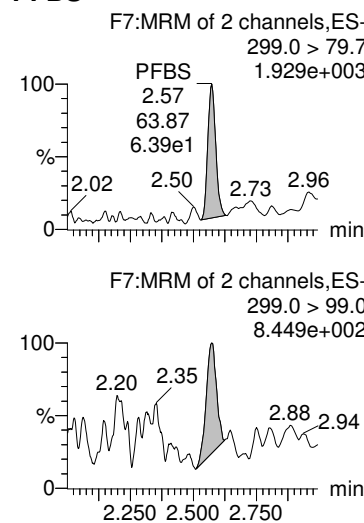
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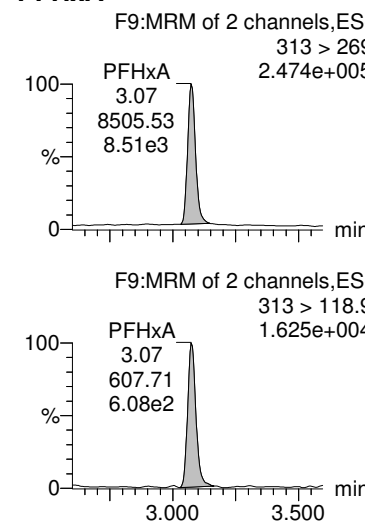
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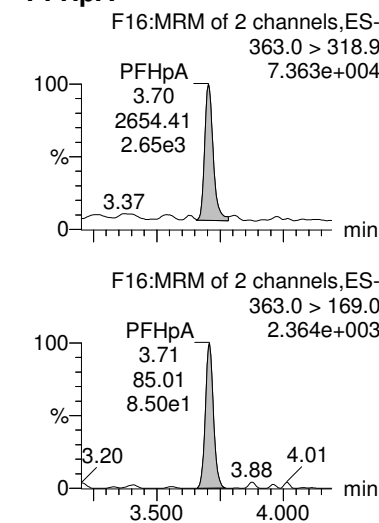
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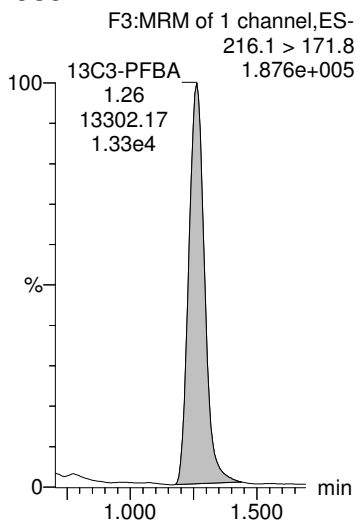
PFHxA



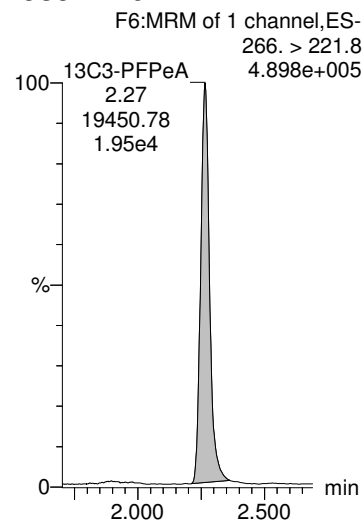
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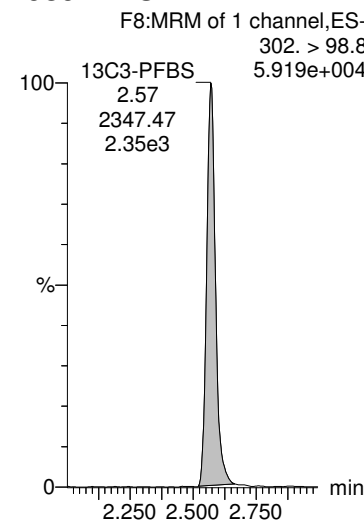
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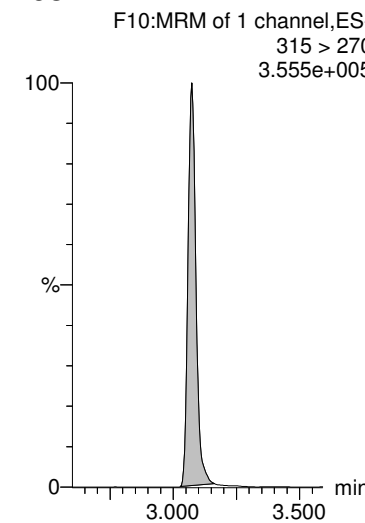
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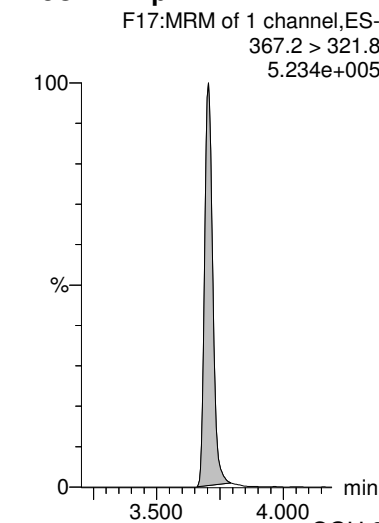
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



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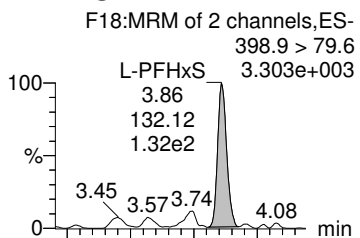
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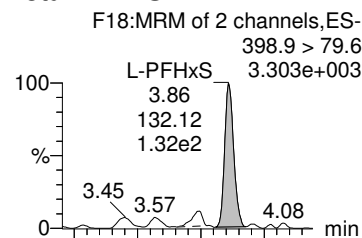
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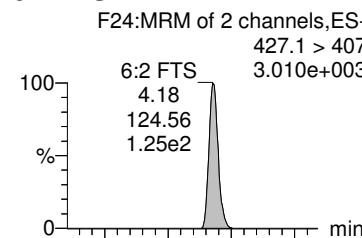
L-PFHxS



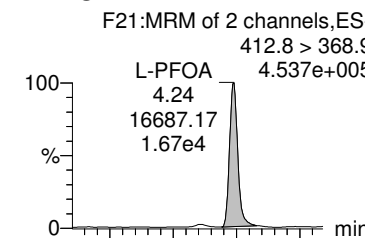
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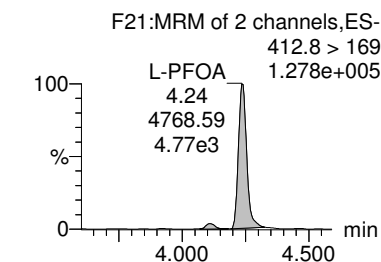
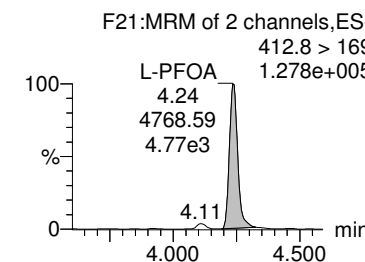
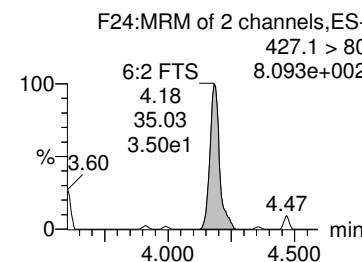
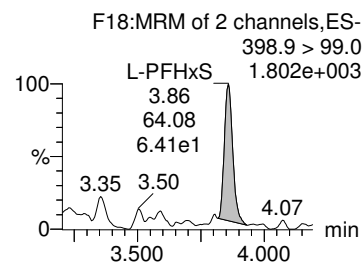
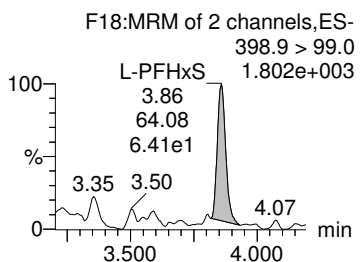
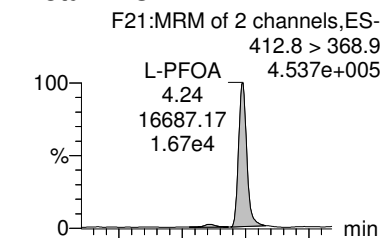
6:2 FTS



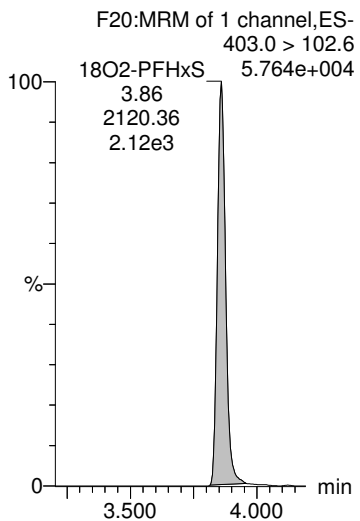
L-PFOA



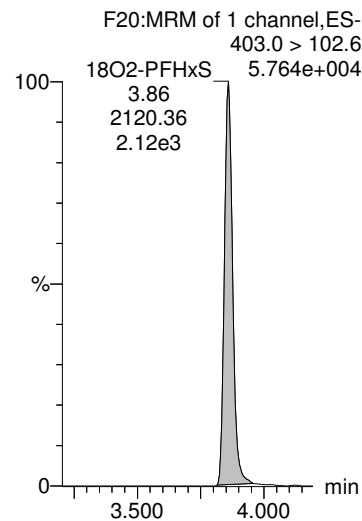
Total PFOA



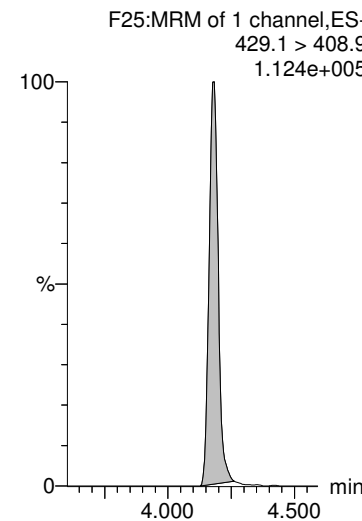
18O2-PFHxS



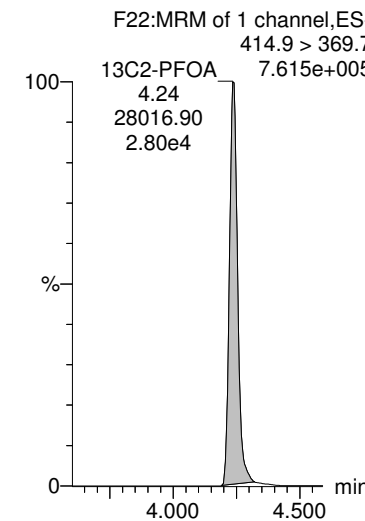
18O2-PFHxS



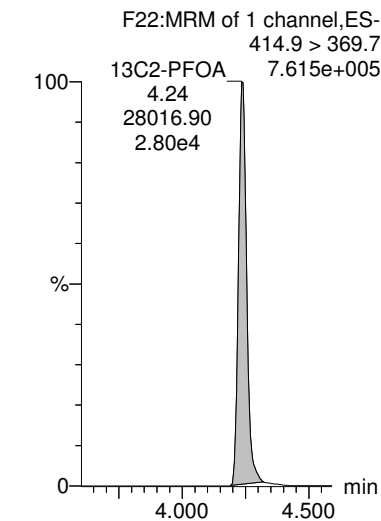
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



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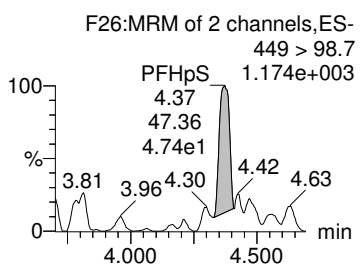
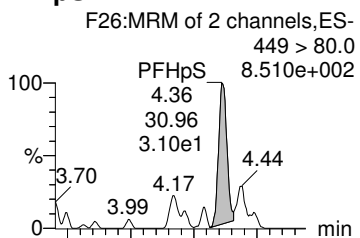
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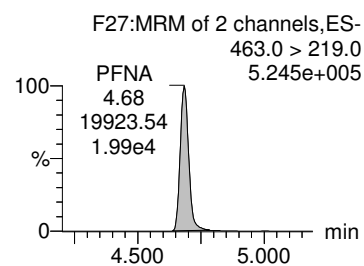
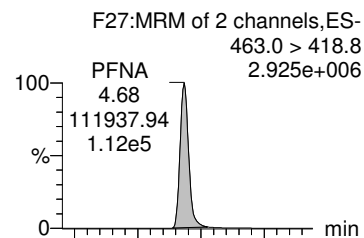
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Name: 180825M1_32, Date: 25-Aug-2018, Time: 19:01:19, ID: 1802094-01 FC-MW025R1-20180726 0.24814, Description: FC-MW025R1-20180726

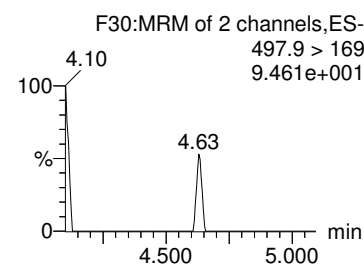
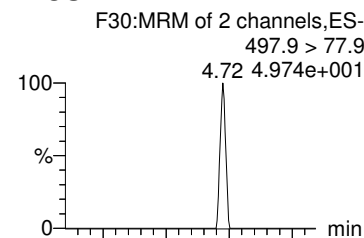
PFHpS



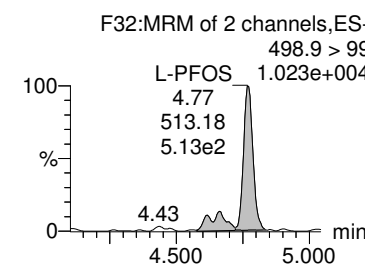
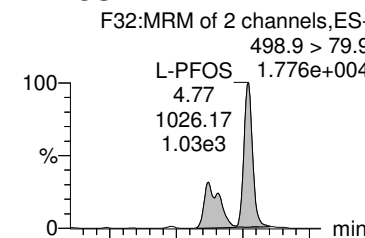
PFNA



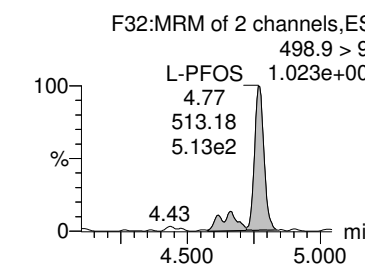
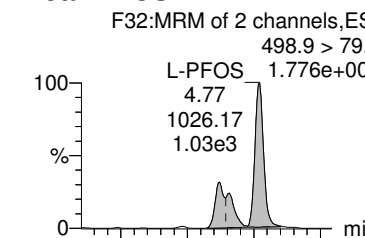
PFOSA



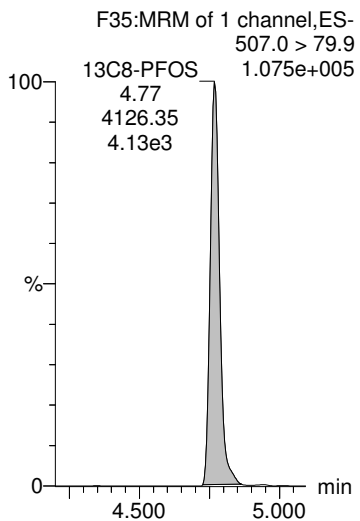
L-PFOS



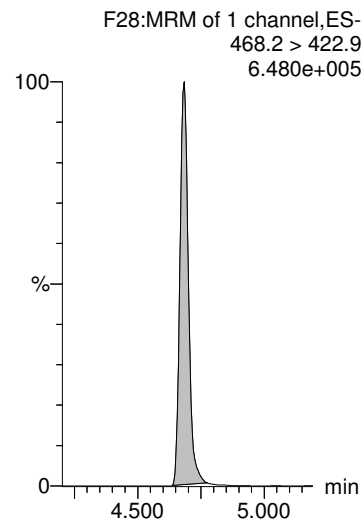
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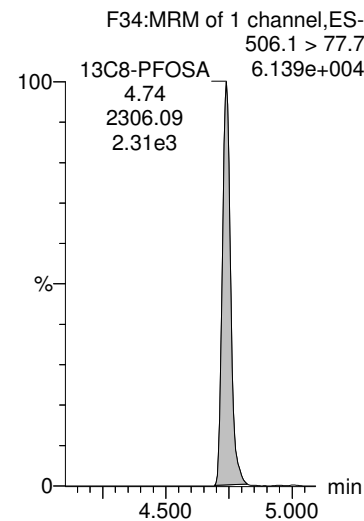
13C8-PFOS



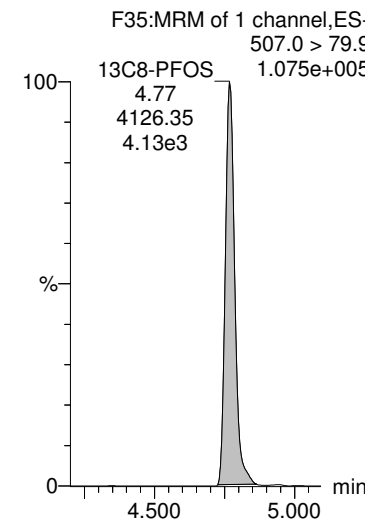
13C5-PFNA



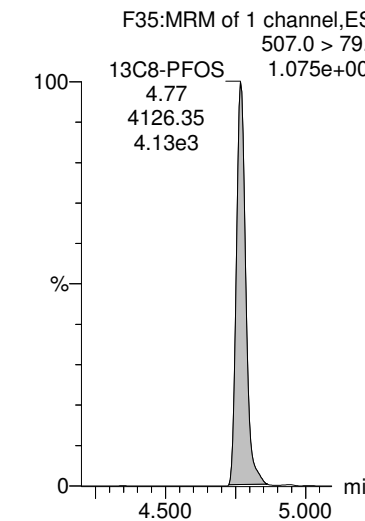
13C8-PFOSA



13C8-PFOS



13C8-PFOS



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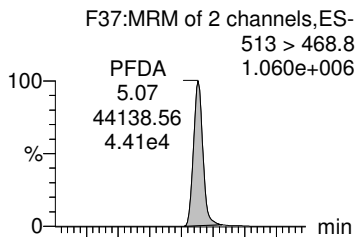
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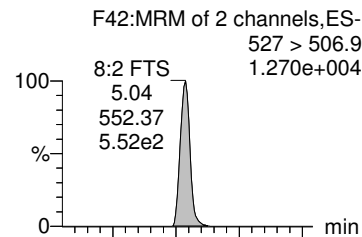
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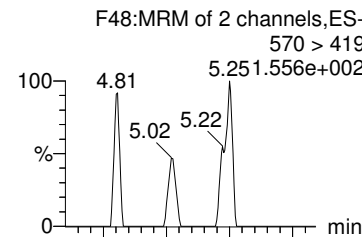
PFDA



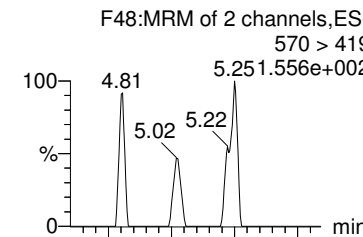
8:2 FTS



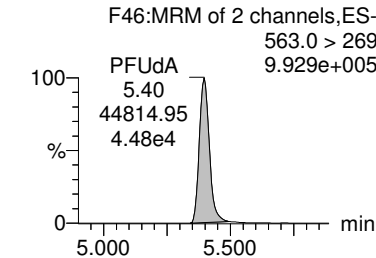
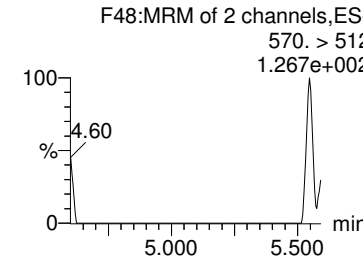
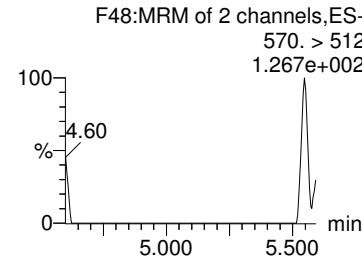
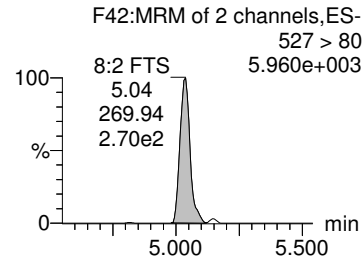
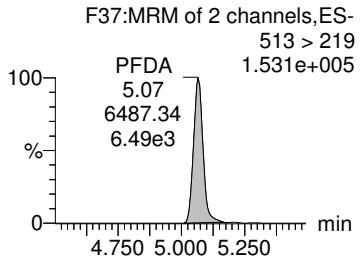
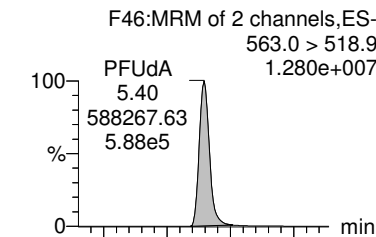
L-MeFOSAA



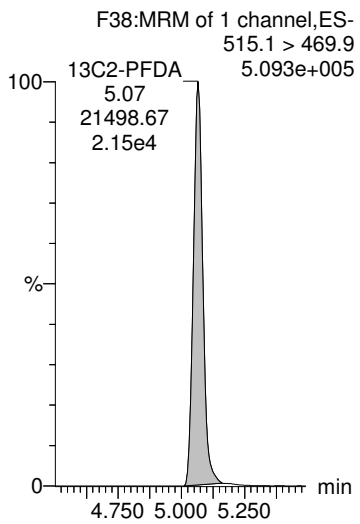
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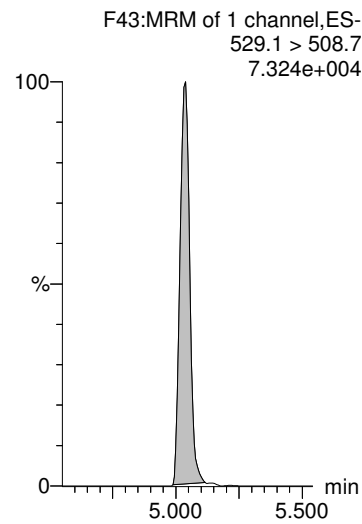
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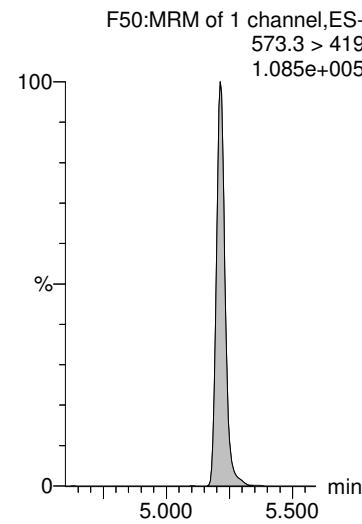
13C2-PFDA



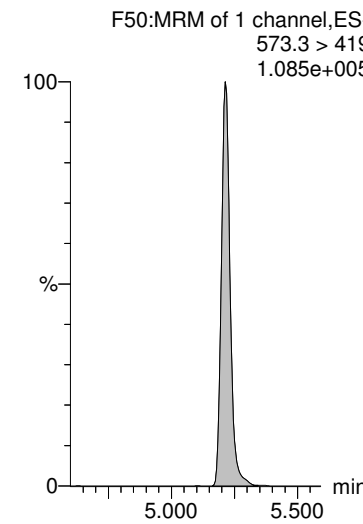
13C2-8:2 FTS



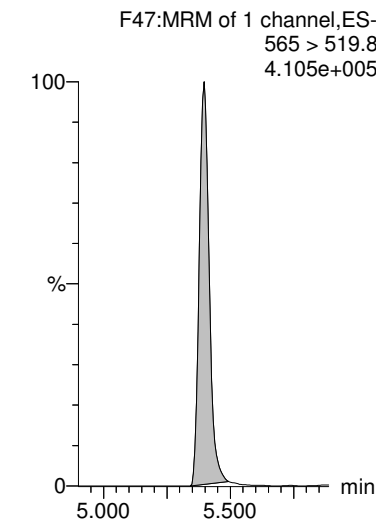
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



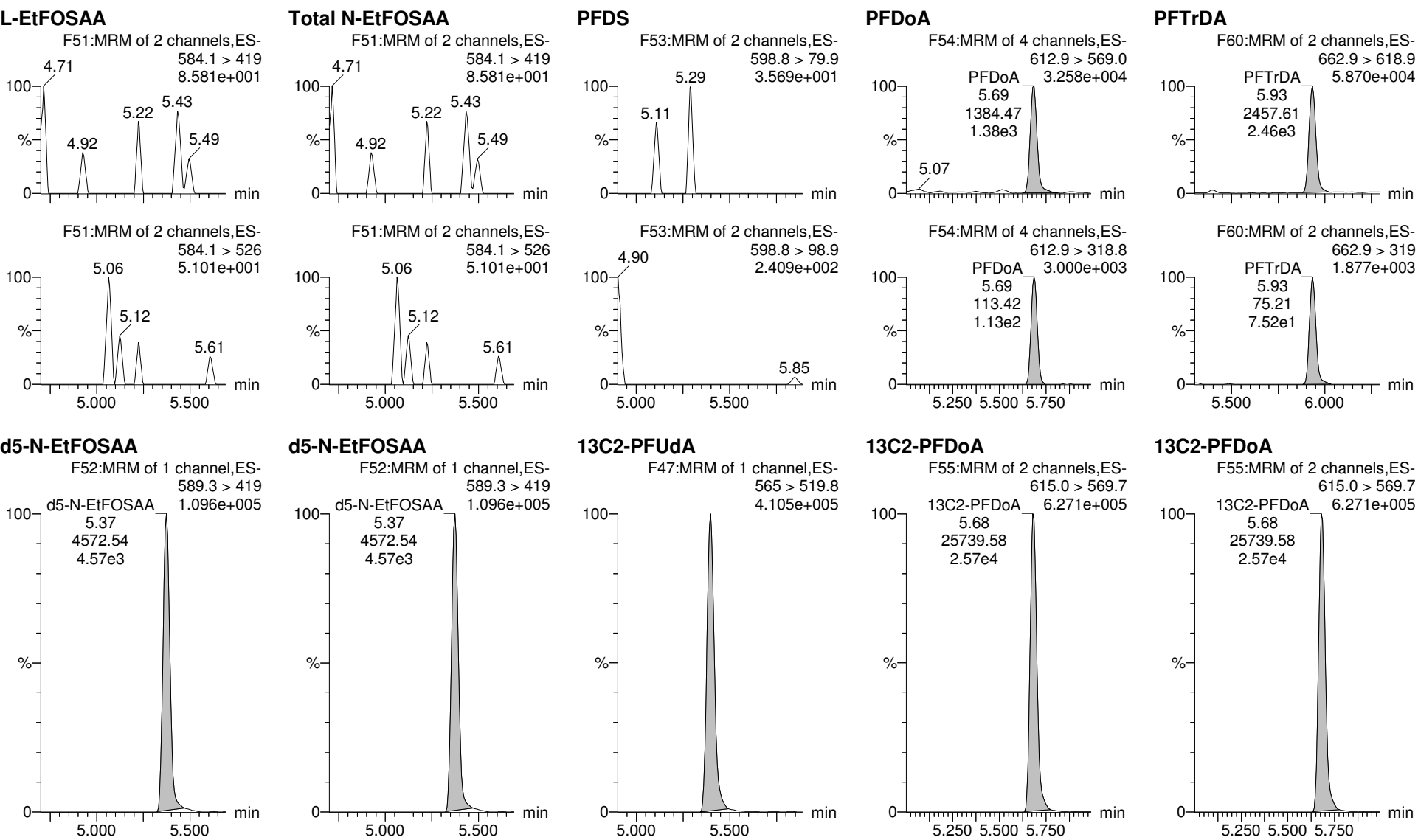
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MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 13:50:13 Pacific Daylight Time

Printed: Thursday, August 30, 2018 13:51:16 Pacific Daylight Time

Name: 180825M1_32, Date: 25-Aug-2018, Time: 19:01:19, ID: 1802094-01 FC-MW025R1-20180726 0.24814, Description: FC-MW025R1-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-32.qld

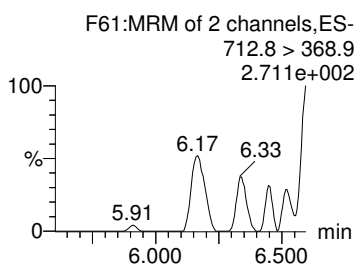
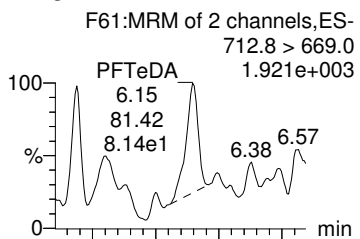
MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 13:50:13 Pacific Daylight Time

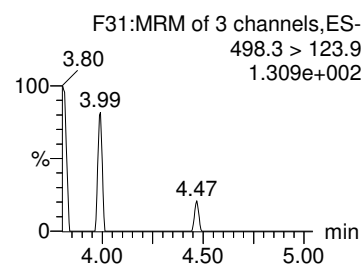
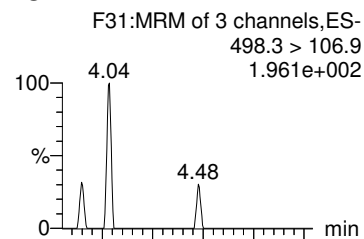
Printed: Thursday, August 30, 2018 13:51:16 Pacific Daylight Time

Name: 180825M1_32, Date: 25-Aug-2018, Time: 19:01:19, ID: 1802094-01 FC-MW025R1-20180726 0.24814, Description: FC-MW025R1-20180726

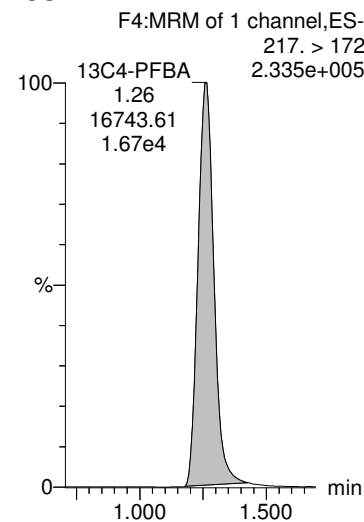
PFTeDA



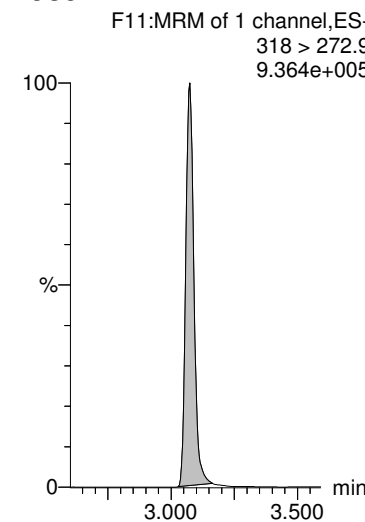
TCDA



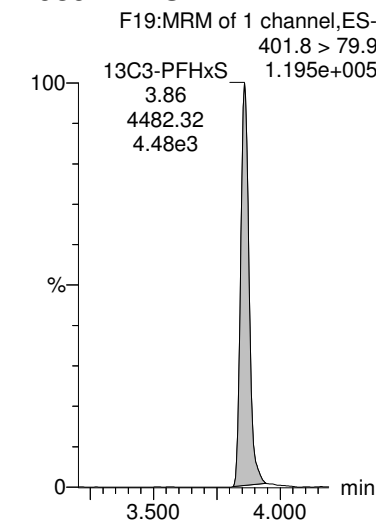
13C4-PFBA



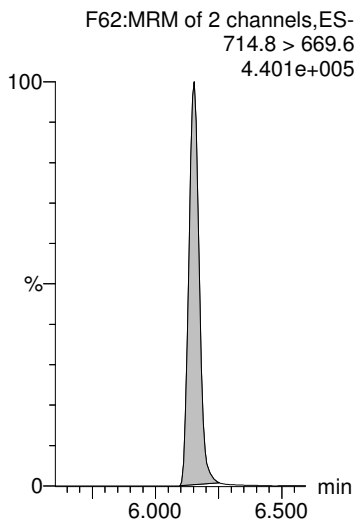
13C5-PFHxA



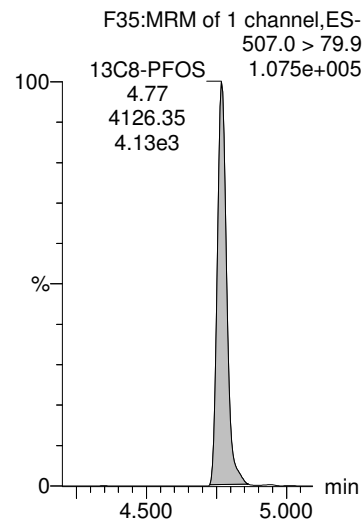
13C3-PFHxS



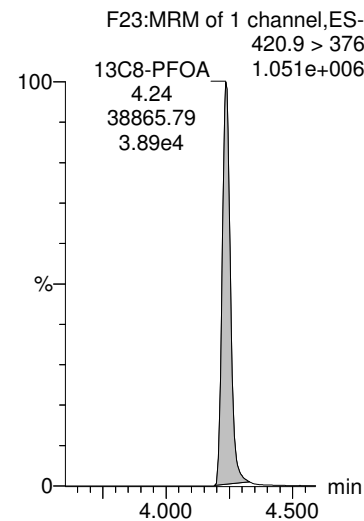
13C2-PFTeDA



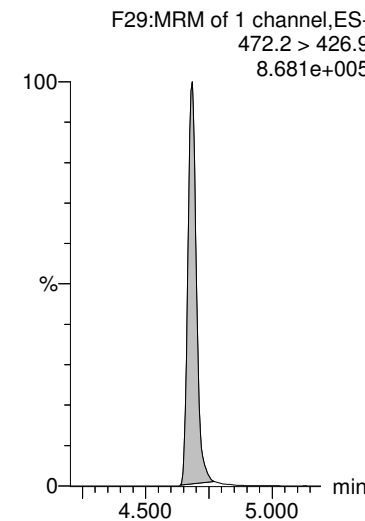
13C8-PFOS



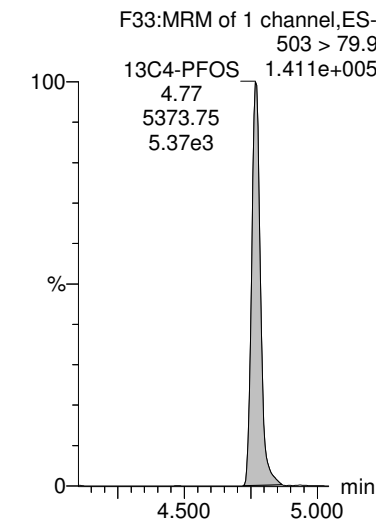
13C8-PFOA



13C9-PFNA



13C4-PFOS



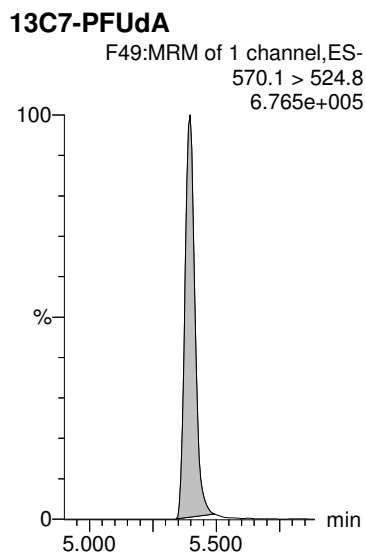
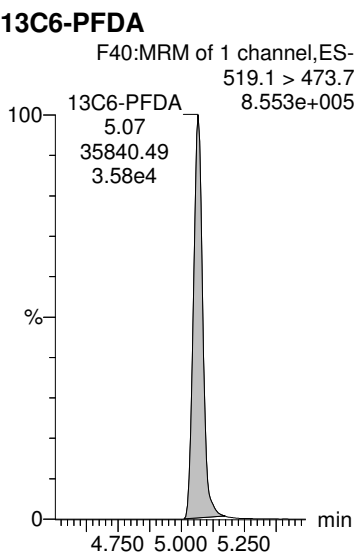
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MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 13:50:13 Pacific Daylight Time

Printed: Thursday, August 30, 2018 13:51:16 Pacific Daylight Time

Name: 180825M1_32, Date: 25-Aug-2018, Time: 19:01:19, ID: 1802094-01 FC-MW025R1-20180726 0.24814, Description: FC-MW025R1-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-33.qld

MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 13:55:02 Pacific Daylight Time

Printed: Thursday, August 30, 2018 13:55:58 Pacific Daylight Time

Name: 180825M1_33, Date: 25-Aug-2018, Time: 19:11:52, ID: 1802094-02 SA-PZ163I-20180726 0.24349, Description: SA-PZ163I-20180726

#	Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...		1.34e4	0.243							
2	2 PFPeA	263.1 > 21...	3.71e3	2.03e4	0.243	0.000	2.27	2.29	9.6166			
3	3 PFBS	299.0 > 79.7		2.38e3	0.243							
4	5 PFHxA	313 > 269	5.15e3	1.22e4	0.243	0.000	3.08	2.11	8.9806		15.6	NO
5	7 PFHpA	363.0 > 31...	6.39e3	1.91e4	0.243	0.000	3.70	4.18	14.5649		23.0	NO
6	36 13C3-PFBA	216.1 > 17...	1.34e4	1.65e4	0.243	0.816	1.26	10.2	50.7089	98.8		
7	37 13C3-PFPeA	266. > 221.8	2.03e4	3.40e4	0.243	0.597	2.27	7.46	47.8542	93.2		
8	38 13C3-PFBS	302. > 98.8	2.38e3	3.40e4	0.243	0.0700	2.57	0.875	55.1722	107.5		
9	40 13C2-PFHxA	315 > 270	1.22e4	3.40e4	0.243	0.901	3.08	4.51	19.1283	93.2		
10	41 13C4-PFHpA	367.2 > 32...	1.91e4	3.40e4	0.243	0.563	3.70	7.04	49.4201	96.3		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	6.00e1	2.13e3	0.243	0.000	3.86	0.353	0.8079		2.09	NO
13	68 Total PFHxS	398.9 > 79.6	6.00e1	2.13e3	0.243			0.353	0.8079			
14	10 6:2 FTS	427.1 > 407	3.70e2	4.11e3	0.243	0.000	4.18	1.13	4.3823		2.53	NO
15	11 L-PFOA	412.8 > 36...	1.65e4	2.63e4	0.243	0.000	4.24	7.85	25.8267		3.25	NO
16	69 Total PFOA	412.8 > 36...	1.68e4	2.63e4	0.243			7.99	25.8414			
17	42 18O2-PFHxS	403.0 > 10...	2.13e3	4.45e3	0.243	0.478	3.86	5.98	47.4704	92.5		
18	42 18O2-PFHxS	403.0 > 10...	2.13e3	4.45e3	0.243	0.478	3.86	5.98	47.4704	92.5		
19	43 13C2-6:2 FTS	429.1 > 40...	4.11e3	3.72e4	0.243	0.111	4.18	1.38	42.4706	82.7		
20	44 13C2-PFOA	414.9 > 36...	2.63e4	3.72e4	0.243	0.707	4.24	8.84	42.0900	82.0		
21	44 13C2-PFOA	414.9 > 36...	2.63e4	3.72e4	0.243	0.707	4.24	8.84	42.0900	82.0		
22	-1											
23	13 PFHpS	449 > 80.0	6.25e0	3.70e3	0.243	0.000	4.35	0.0211			10.2	YES
24	14 PFNA	463.0 > 41...	3.46e5	2.00e4	0.243	0.000	4.68	217	737.2820		5.16	NO
25	15 PFOSA	497.9 > 77.9		2.17e3	0.243							
26	16 L-PFOS	498.9 > 79.9	2.55e2	3.70e3	0.243	0.000	4.77	0.864	3.4884		2.98	YES
27	70 Total PFOS	498.9 > 79.9	2.55e2	3.70e3	0.243			0.864	3.4884			
28	47 13C8-PFOS	507.0 > 79.9	3.70e3	4.99e3	0.243	0.741	4.77	9.26	35.7711	69.7		
29	45 13C5-PFNA	468.2 > 42...	2.00e4	2.87e4	0.243	0.695	4.68	8.68	37.1424	72.4		
30	46 13C8-PFOSA	506.1 > 77.7	2.17e3	3.61e4	0.243	0.0600	4.74	0.750	15.7276	30.6		
31	47 13C8-PFOS	507.0 > 79.9	3.70e3	4.99e3	0.243	0.741	4.77	9.26	35.7711	69.7		
32	47 13C8-PFOS	507.0 > 79.9	3.70e3	4.99e3	0.243	0.741	4.77	9.26	35.7711	69.7		
33	-1											
34	18 PFDA	513 > 468.8	2.97e4	1.84e4	0.243	0.000	5.07	20.2	67.6851		6.68	NO
35	19 8:2 FTS	527 > 506.9	2.11e2	2.56e3	0.243	0.000	5.04	1.03	2.7292		1.42	YES
36	21 L-MeFOSAA	570 > 419		3.90e3	0.243							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	3.90e3	0.243			0.000				

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Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-33.qld

MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 13:55:02 Pacific Daylight Time

Printed: Thursday, August 30, 2018 13:55:58 Pacific Daylight Time

Name: 180825M1_33, Date: 25-Aug-2018, Time: 19:11:52, ID: 1802094-02 SA-PZ163I-20180726 0.24349, Description: SA-PZ163I-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	1.76e5	1.89e4	0.243	0.000	5.40	116	510.7307		12.6	NO
39	48 13C2-PFDA	515.1 > 46...	1.84e4	3.47e4	0.243	0.532	5.07	6.64	28.9275	56.3		
40	49 13C2-8:2 FTS	529.1 > 50...	2.56e3	3.72e4	0.243	0.0690	5.04	0.862	33.7829	65.8		
41	50 d3-N-MeFOSAA	573.3 > 419	3.90e3	3.61e4	0.243	0.108	5.21	1.35	24.4354	47.6		
42	50 d3-N-MeFOSAA	573.3 > 419	3.90e3	3.61e4	0.243	0.108	5.21	1.35	24.4354	47.6		
43	51 13C2-PFUdA	565 > 519.8	1.89e4	3.61e4	0.243	0.523	5.40	6.53	26.6269	51.9		
44	-1											
45	23 L-EtFOSAA	584.1 > 419		4.06e3	0.243							
46	72 Total N-EtFOSAA	584.1 > 419	0.00e0	4.06e3	0.243			0.000				
47	26 PFDS	598.8 > 79.9		3.70e3	0.243							
48	27 PFDoA	612.9 > 56...		2.06e4	0.243							
49	29 PFTrDA	662.9 > 61...		2.06e4	0.243							
50	52 d5-N-EtFOSAA	589.3 > 419	4.06e3	3.61e4	0.243	0.112	5.37	1.40	23.4043	45.6		
51	52 d5-N-EtFOSAA	589.3 > 419	4.06e3	3.61e4	0.243	0.112	5.37	1.40	23.4043	45.6		
52	51 13C2-PFUdA	565 > 519.8	1.89e4	3.61e4	0.243	0.523	5.40	6.53	26.6269	51.9		
53	53 13C2-PFDoA	615.0 > 56...	2.06e4	3.47e4	0.243	0.595	5.69	7.44	26.7389	52.1		
54	53 13C2-PFDoA	615.0 > 56...	2.06e4	3.47e4	0.243	0.595	5.69	7.44	26.7389	52.1		
55	-1											
56	30 PFTeDA	712.8 > 66...		1.57e4	0.243							
57	73 TCDA	498.3>106.9			0.243							
58	60 13C4-PFBA	217. > 172	1.65e4	1.65e4	0.243	1.00	1.26	12.5	51.3368	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.40e4	3.40e4	0.243	1.00	3.08	12.5	51.3368	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.45e3	4.45e3	0.243	1.00	3.86	12.5	51.3368	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	1.57e4	3.61e4	0.243	0.434	6.15	5.43	30.8224	60.0		
62	47 13C8-PFOS	507.0 > 79.9	3.70e3	4.99e3	0.243	0.741	4.77	9.26	35.7711	69.7		
63	63 13C8-PFOA	420.9 > 376	3.72e4	3.72e4	0.243	1.00	4.24	12.5	51.3368	100.0		
64	64 13C9-PFNA	472.2 > 42...	2.87e4	2.87e4	0.243	1.00	4.68	12.5	51.3368	100.0		
65	65 13C4-PFOS	503 > 79.9	4.99e3	4.99e3	0.243	1.00	4.77	12.5	51.3368	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.47e4	3.47e4	0.243	1.00	5.07	12.5	51.3368	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.61e4	3.61e4	0.243	1.00	5.40	12.5	51.3368	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-33.qld

MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 13:55:02 Pacific Daylight Time

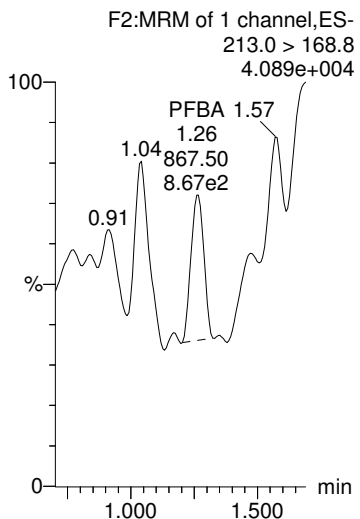
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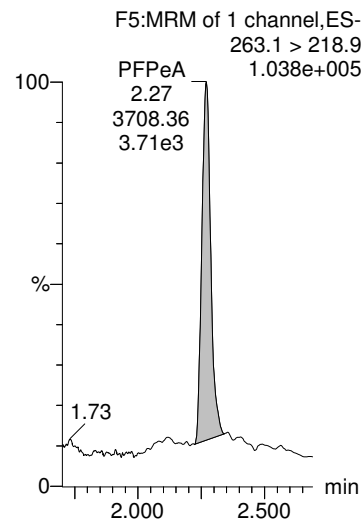
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Name: 180825M1_33, Date: 25-Aug-2018, Time: 19:11:52, ID: 1802094-02 SA-PZ163I-20180726 0.24349, Description: SA-PZ163I-20180726

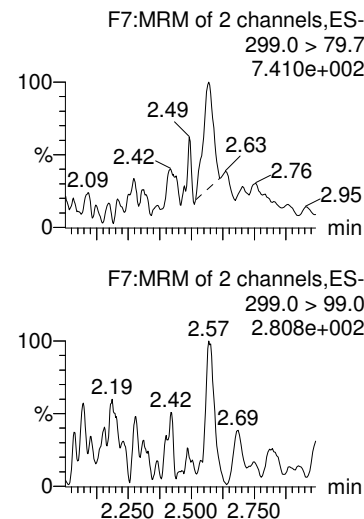
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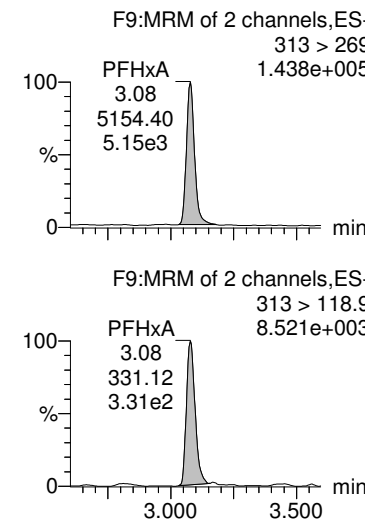
PFPeA



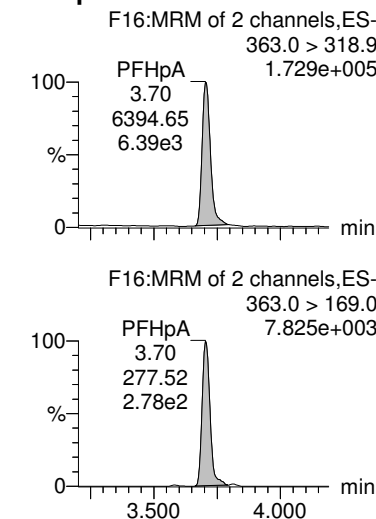
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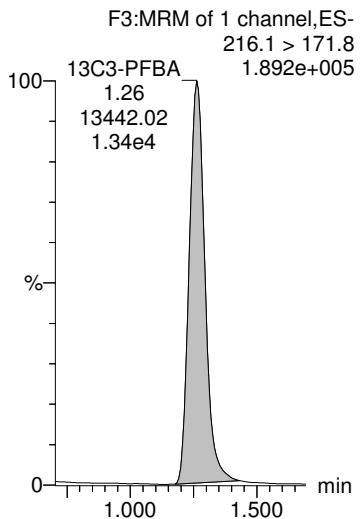
PFHxA



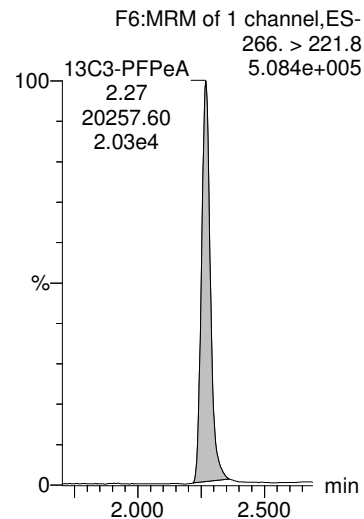
PFHpA



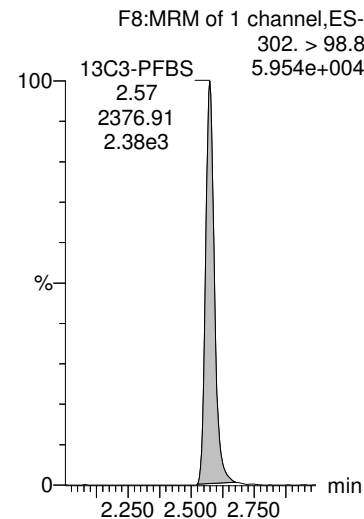
13C3-PFBA



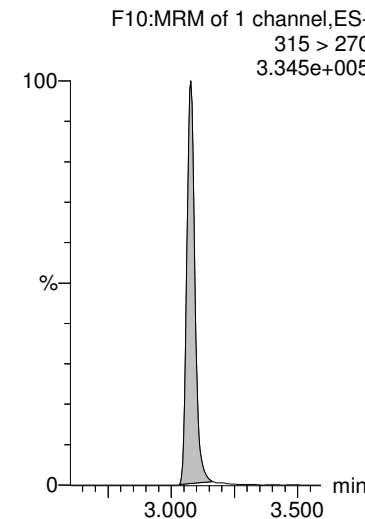
13C3-PFPeA



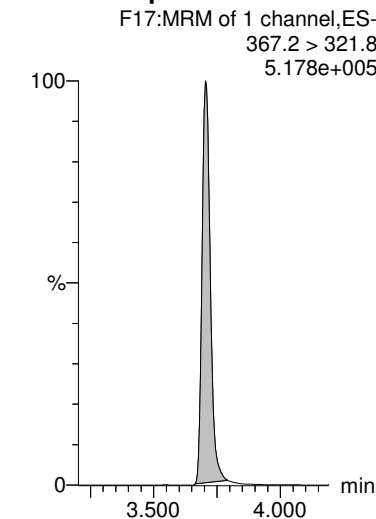
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



CGH 8/30/2018

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-33.qld

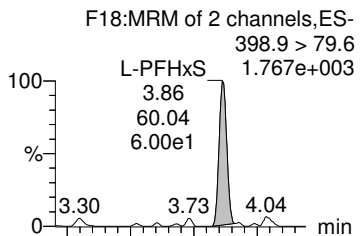
MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 13:55:02 Pacific Daylight Time

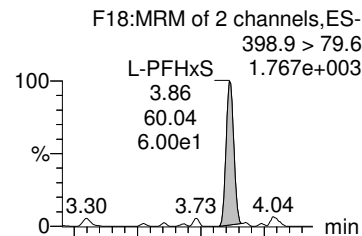
Printed: Thursday, August 30, 2018 13:55:58 Pacific Daylight Time

Name: 180825M1_33, Date: 25-Aug-2018, Time: 19:11:52, ID: 1802094-02 SA-PZ163I-20180726 0.24349, Description: SA-PZ163I-20180726

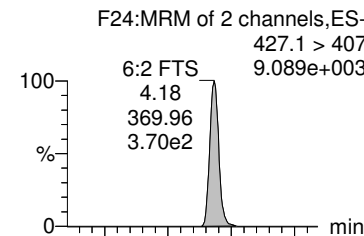
L-PFHxS



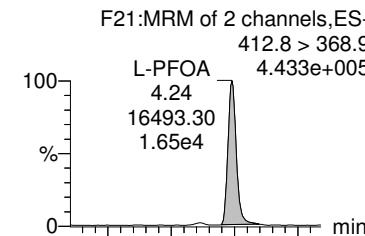
Total PFHxS



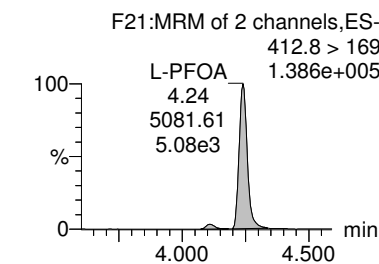
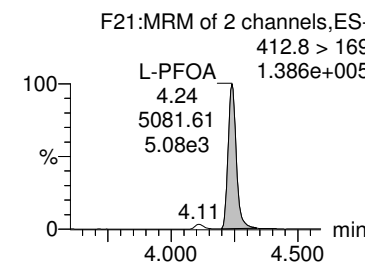
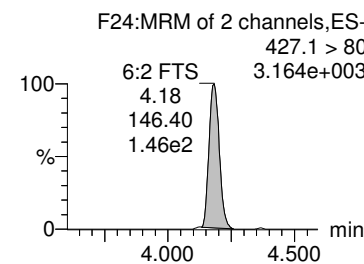
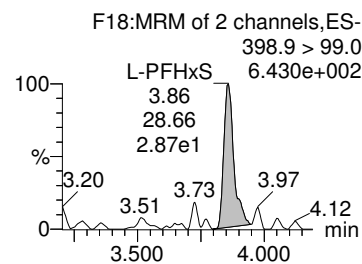
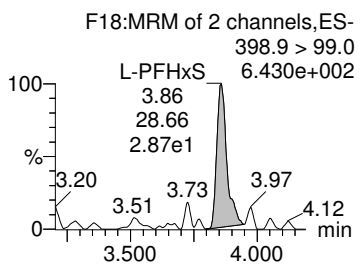
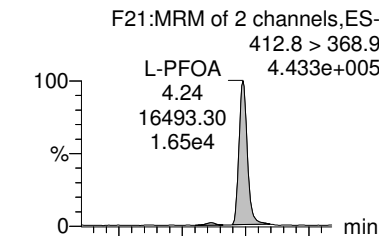
6:2 FTS



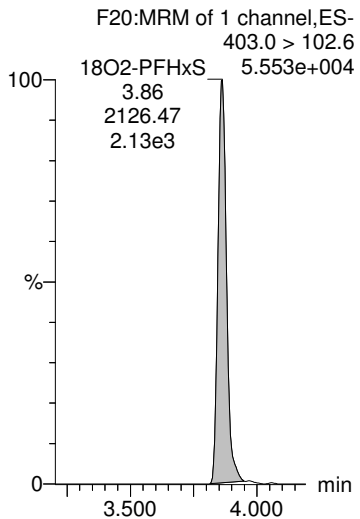
L-PFOA



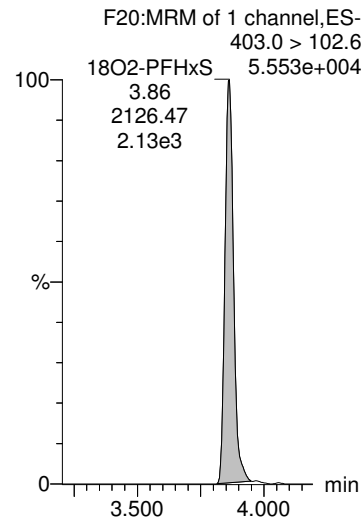
Total PFOA



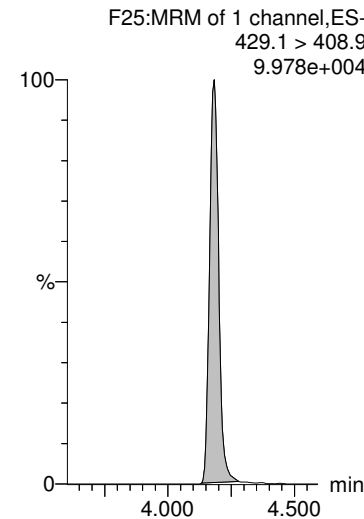
18O2-PFHxS



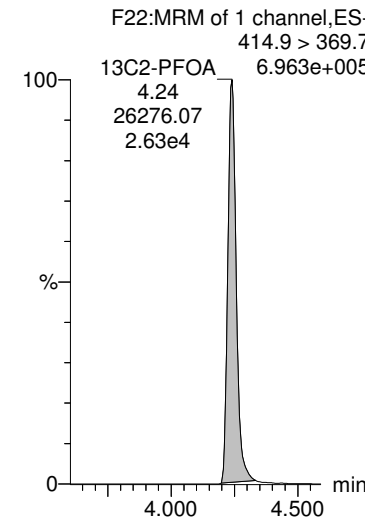
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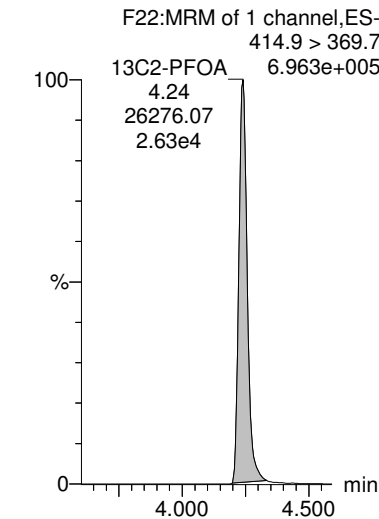
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-33.qld

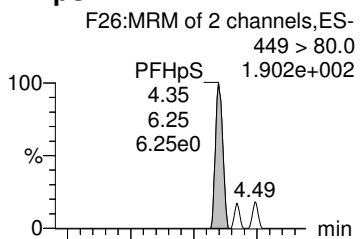
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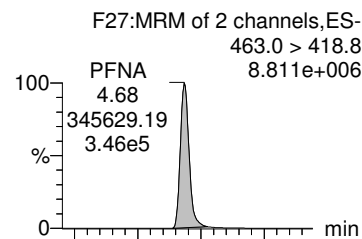
Printed: Thursday, August 30, 2018 13:55:58 Pacific Daylight Time

Name: 180825M1_33, Date: 25-Aug-2018, Time: 19:11:52, ID: 1802094-02 SA-PZ163I-20180726 0.24349, Description: SA-PZ163I-20180726

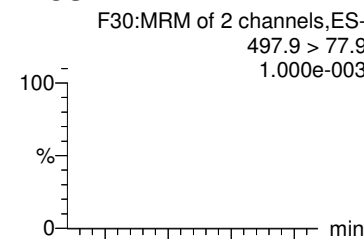
PFHpS



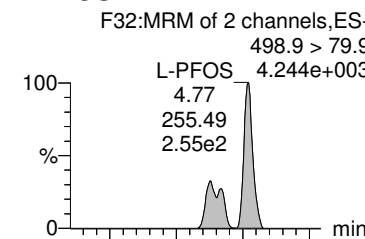
PFNA



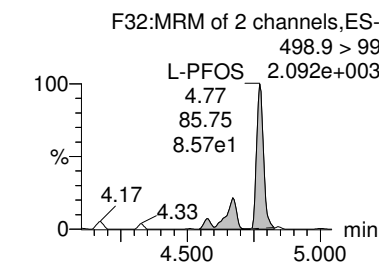
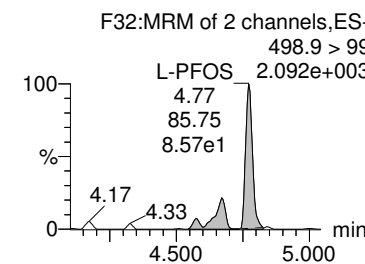
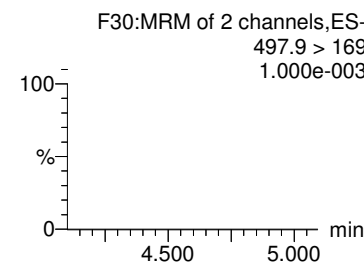
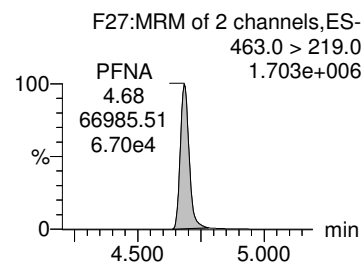
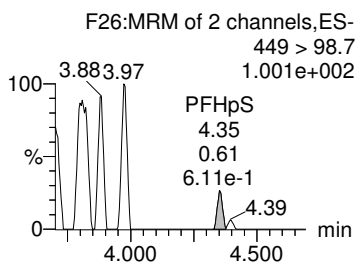
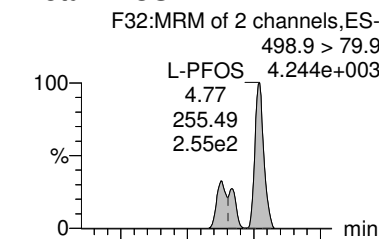
PFOSA



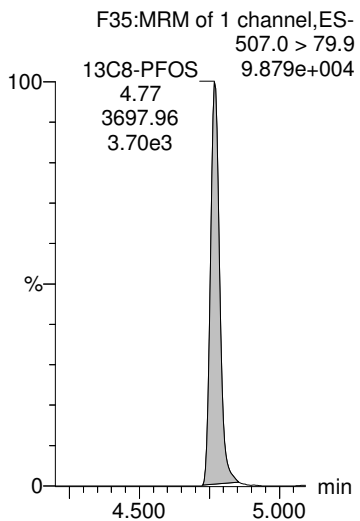
L-PFOS



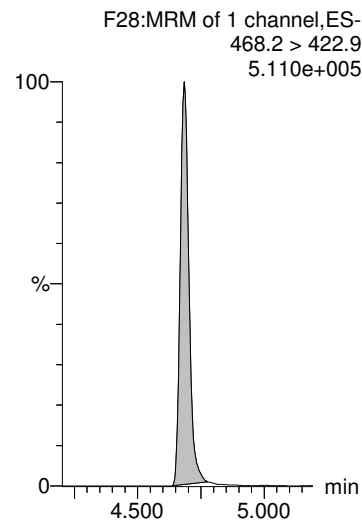
Total PFOS



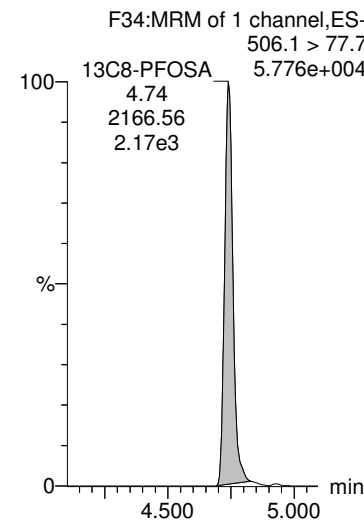
13C8-PFOS



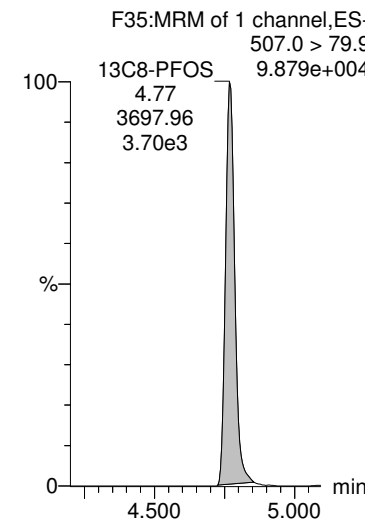
13C5-PFNA



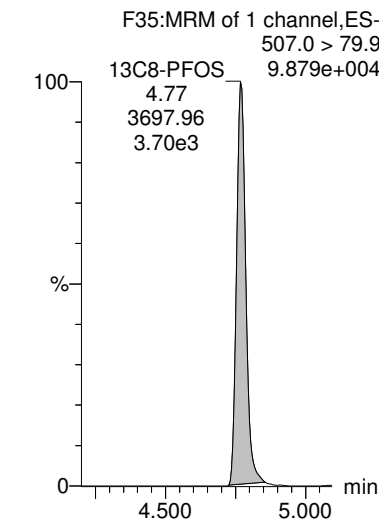
13C8-PFOSA



13C8-PFOS



13C8-PFOS



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-33.qld

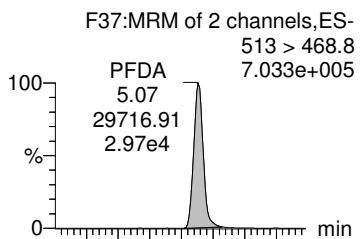
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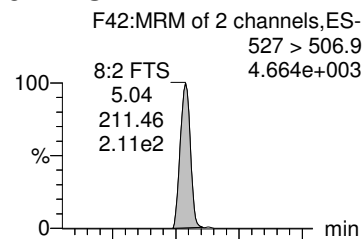
Printed: Thursday, August 30, 2018 13:55:58 Pacific Daylight Time

Name: 180825M1_33, Date: 25-Aug-2018, Time: 19:11:52, ID: 1802094-02 SA-PZ163I-20180726 0.24349, Description: SA-PZ163I-20180726

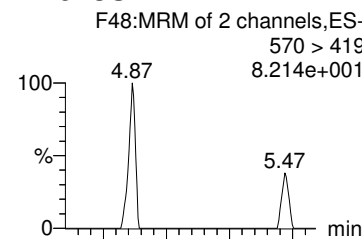
PFDA



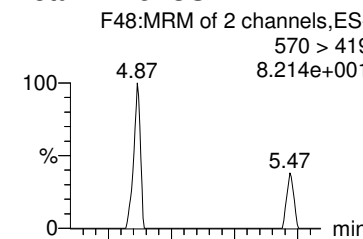
8:2 FTS



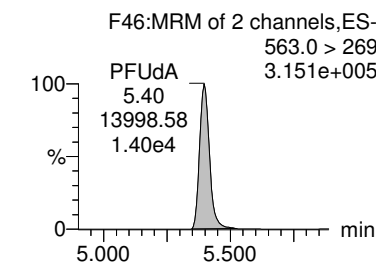
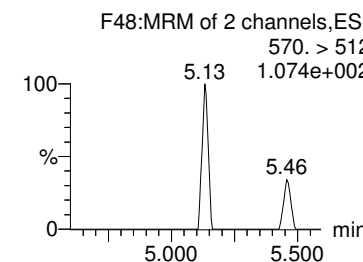
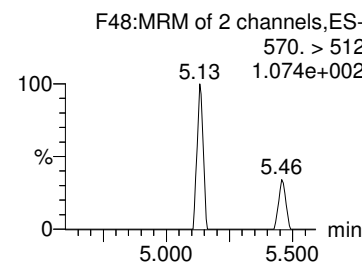
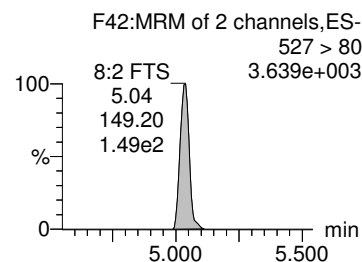
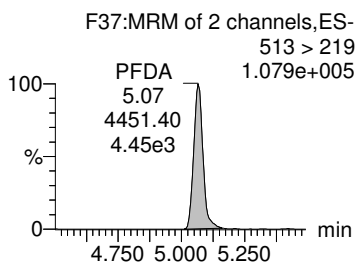
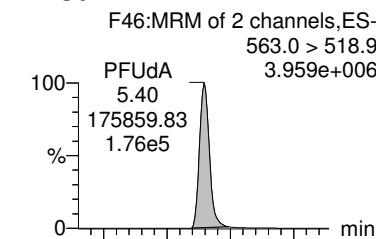
L-MeFOSAA



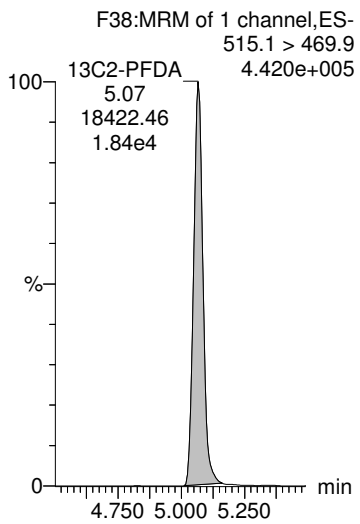
Total N-MeFOSAA



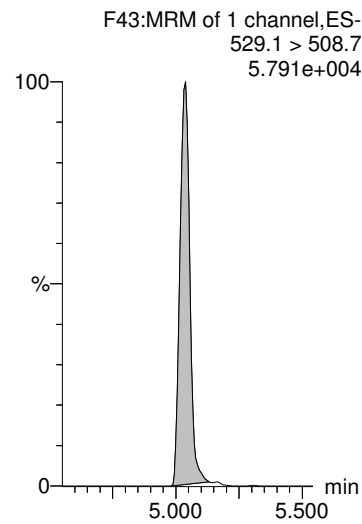
PFUdA



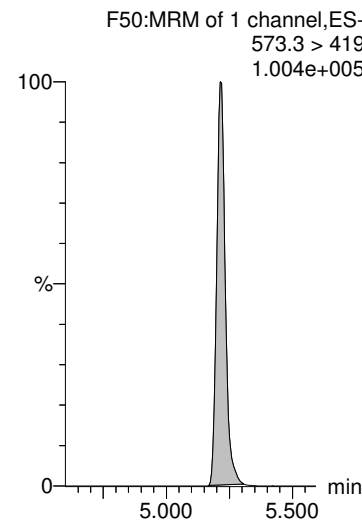
13C2-PFDA



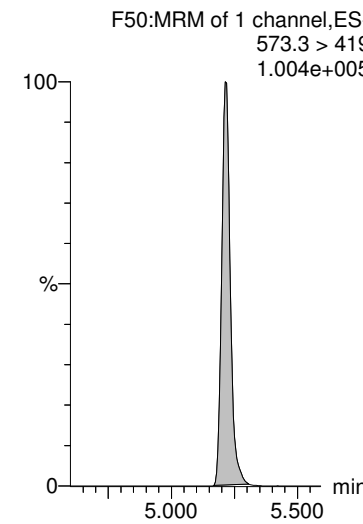
13C2-8:2 FTS



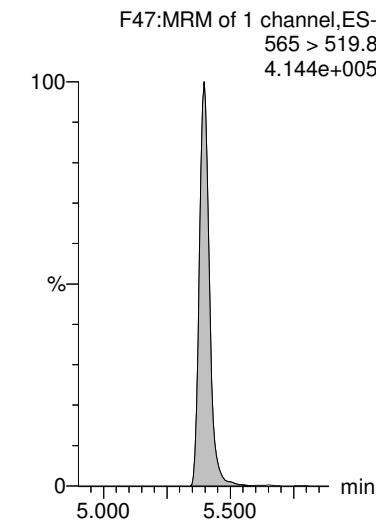
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



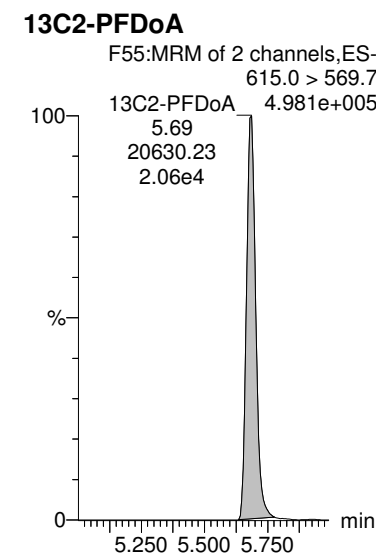
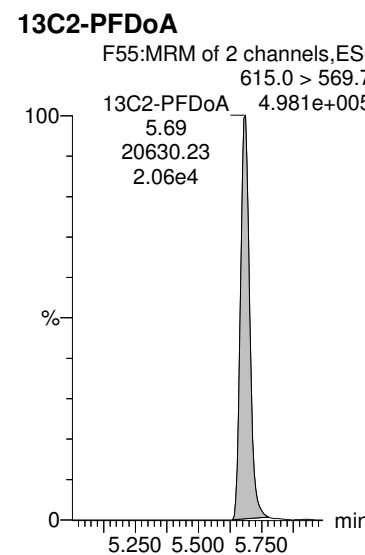
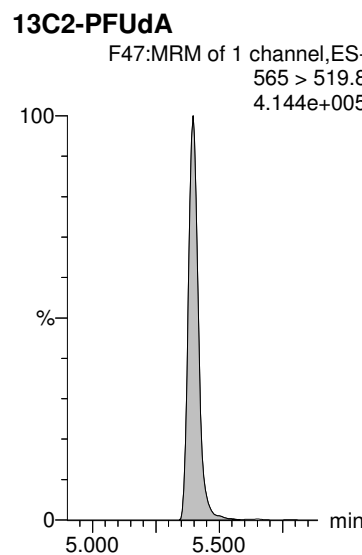
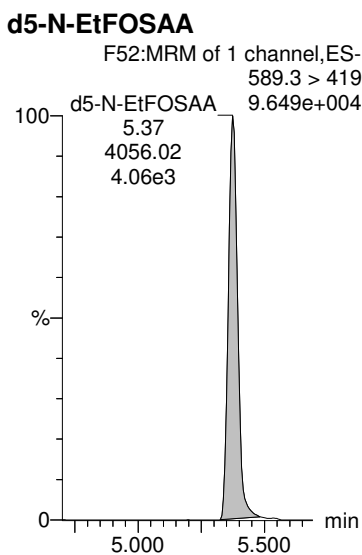
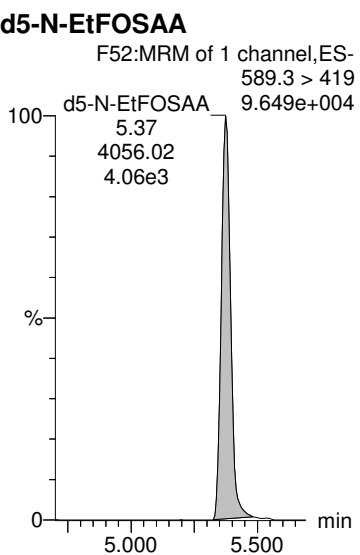
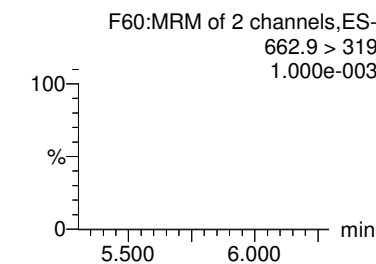
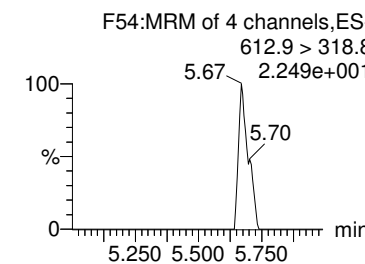
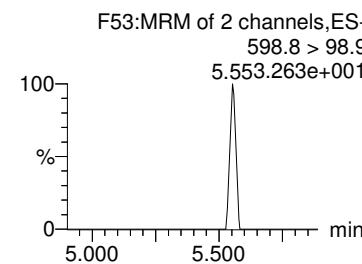
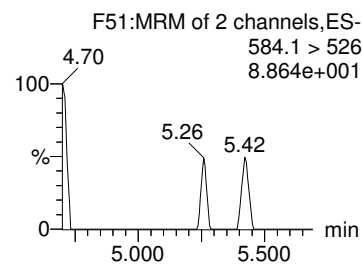
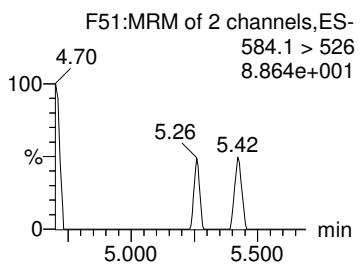
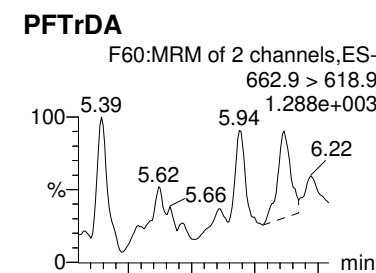
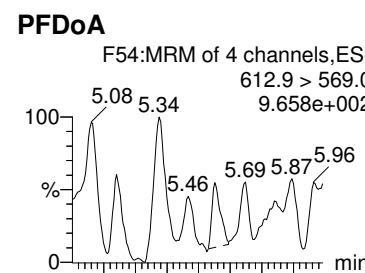
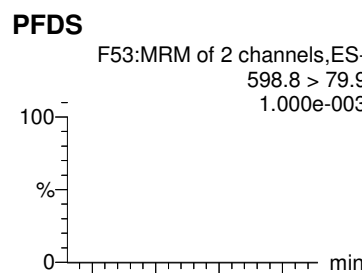
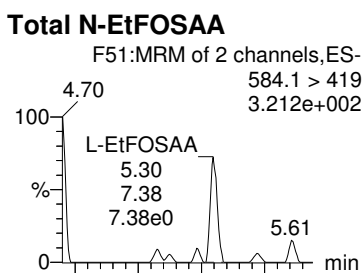
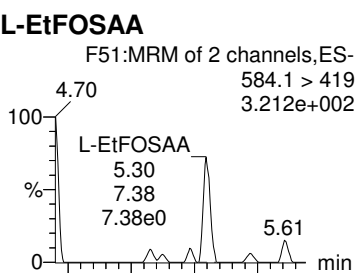
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-33.qld

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Name: 180825M1_33, Date: 25-Aug-2018, Time: 19:11:52, ID: 1802094-02 SA-PZ163I-20180726 0.24349, Description: SA-PZ163I-20180726



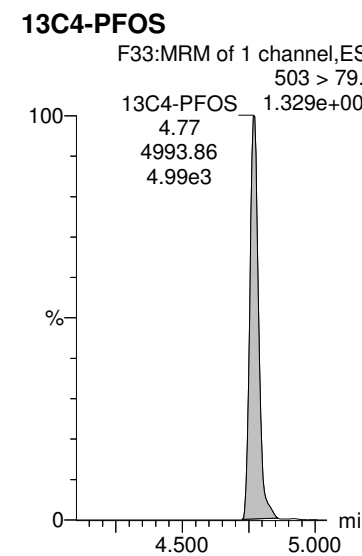
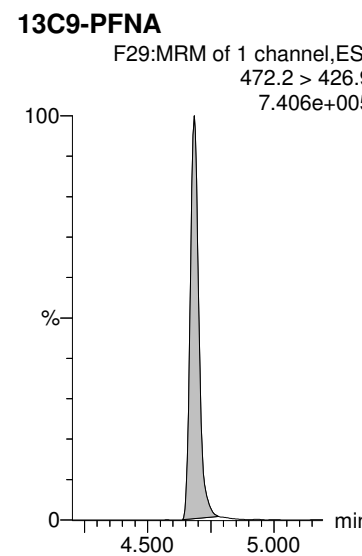
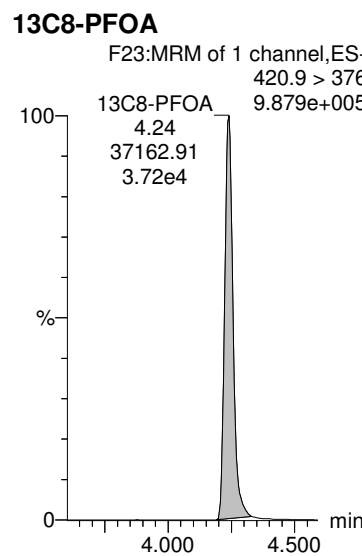
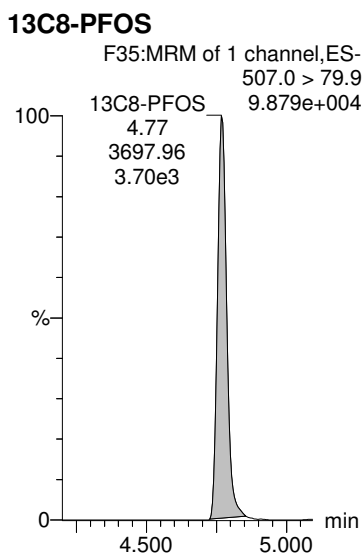
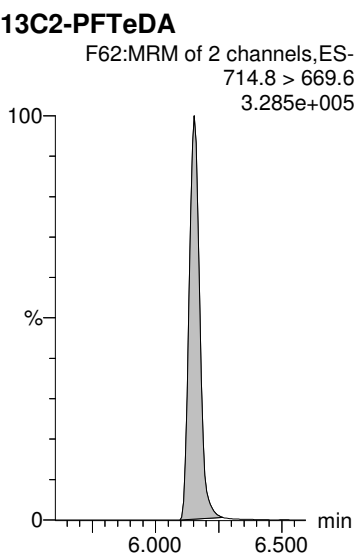
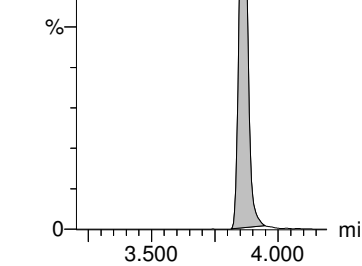
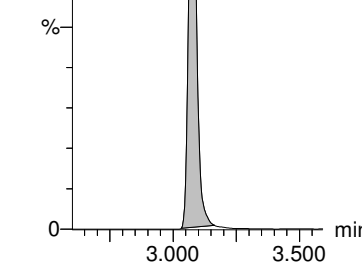
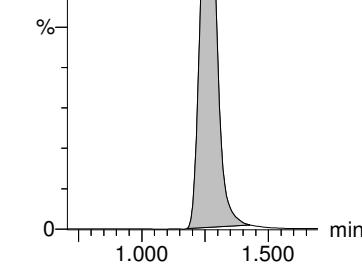
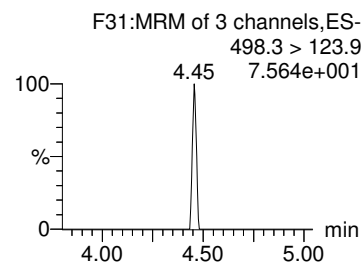
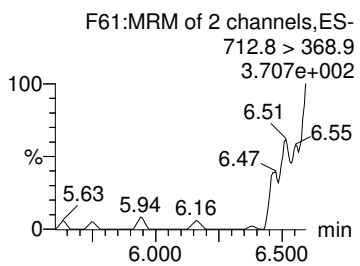
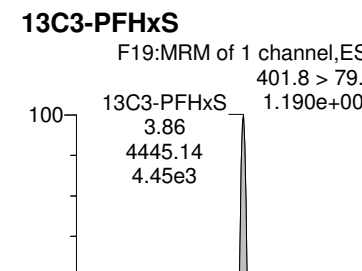
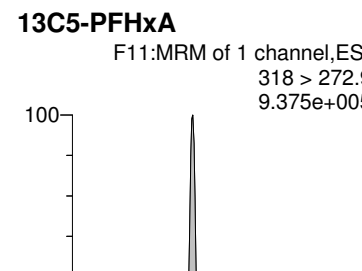
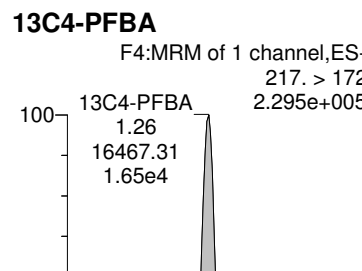
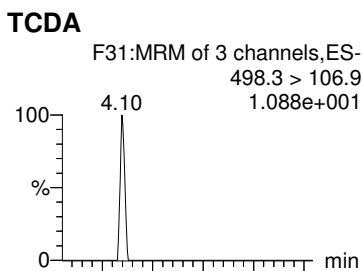
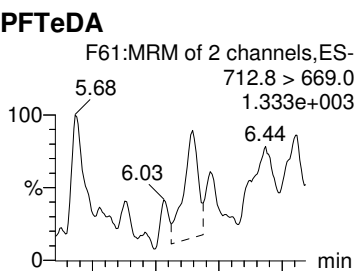
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-33.qld

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Name: 180825M1_33, Date: 25-Aug-2018, Time: 19:11:52, ID: 1802094-02 SA-PZ163I-20180726 0.24349, Description: SA-PZ163I-20180726



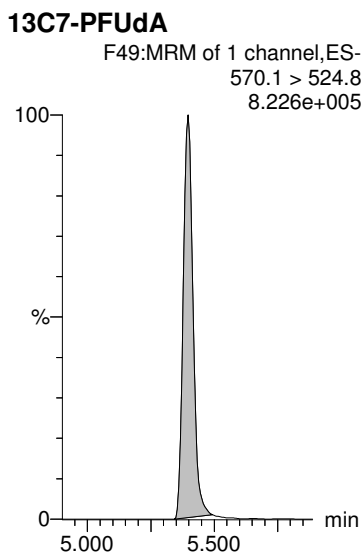
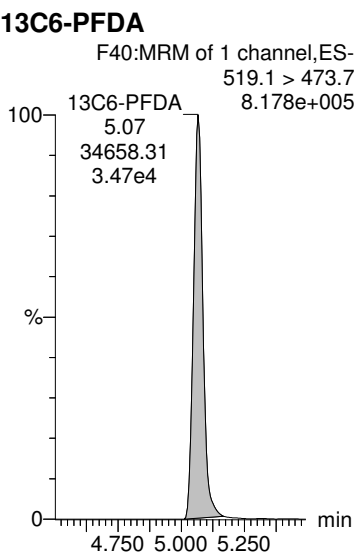
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-33.qld

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Name: 180825M1_33, Date: 25-Aug-2018, Time: 19:11:52, ID: 1802094-02 SA-PZ163I-20180726 0.24349, Description: SA-PZ163I-20180726



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Name: 180825M1_34, Date: 25-Aug-2018, Time: 19:22:31, ID: 1802094-03 SA-PZ181I-20180726 0.25108, Description: SA-PZ181I-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	5.59e2	1.14e4	0.251	0.000	1.27	0.612	2.0583			
2	2 PFPeA	263.1 > 21...	1.62e3	1.70e4	0.251	0.000	2.27	1.19	4.7301			
3	3 PFBS	299.0 > 79.7	3.13e1	2.33e3	0.251	0.000	2.58	0.168	0.2667		2.93	NO
4	5 PFHxA	313 > 269	2.21e3	1.03e4	0.251	0.000	3.08	1.07	4.3059		16.5	NO
5	7 PFHpA	363.0 > 31...	2.28e3	1.58e4	0.251	0.000	3.70	1.80	6.0128		25.4	NO
6	36 13C3-PFBA	216.1 > 17...	1.14e4	1.42e4	0.251	0.805	1.27	10.1	48.4826	97.4		
7	37 13C3-PFPeA	266. > 221.8	1.70e4	2.78e4	0.251	0.612	2.27	7.65	47.6101	95.6		
8	38 13C3-PFBS	302. > 98.8	2.33e3	2.78e4	0.251	0.0840	2.57	1.05	64.1714	128.9		
9	40 13C2-PFHxA	315 > 270	1.03e4	2.78e4	0.251	0.928	3.08	4.64	19.1076	96.0		
10	41 13C4-PFHpA	367.2 > 32...	1.58e4	2.78e4	0.251	0.570	3.70	7.12	48.4631	97.3		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	8.13e1	2.14e3	0.251	0.000	3.86	0.474	1.0637		1.50	NO
13	68 Total PFHxS	398.9 > 79.6	8.13e1	2.14e3	0.251			0.474	1.0637			
14	10 6:2 FTS	427.1 > 407	7.86e1	4.38e3	0.251	0.000	4.18	0.225	0.7247		3.35	NO
15	11 L-PFOA	412.8 > 36...	6.00e3	2.37e4	0.251	0.000	4.24	3.17	9.8415		3.16	NO
16	69 Total PFOA	412.8 > 36...	6.24e3	2.37e4	0.251			3.17	9.8415			
17	42 18O2-PFHxS	403.0 > 10...	2.14e3	4.30e3	0.251	0.498	3.86	6.23	47.9340	96.3		
18	42 18O2-PFHxS	403.0 > 10...	2.14e3	4.30e3	0.251	0.498	3.86	6.23	47.9340	96.3		
19	43 13C2-6:2 FTS	429.1 > 40...	4.38e3	3.08e4	0.251	0.142	4.18	1.78	52.9747	106.4		
20	44 13C2-PFOA	414.9 > 36...	2.37e4	3.08e4	0.251	0.770	4.24	9.62	44.4240	89.2		
21	44 13C2-PFOA	414.9 > 36...	2.37e4	3.08e4	0.251	0.770	4.24	9.62	44.4240	89.2		
22	-1											
23	13 PFHpS	449 > 80.0		4.76e3	0.251							
24	14 PFNA	463.0 > 41...	5.35e4	2.21e4	0.251	0.000	4.68	30.2	100.9088		5.47	NO
25	15 PFOSA	497.9 > 77.9		2.46e3	0.251							
26	16 L-PFOS	498.9 > 79.9	1.23e3	4.76e3	0.251	0.000	4.77	3.24	13.1799		2.13	NO
27	70 Total PFOS	498.9 > 79.9	1.23e3	4.76e3	0.251			3.24	13.1799			
28	47 13C8-PFOS	507.0 > 79.9	4.76e3	4.96e3	0.251	0.960	4.77	12.0	44.9631	90.3		
29	45 13C5-PFNA	468.2 > 42...	2.21e4	2.70e4	0.251	0.819	4.68	10.2	42.4819	85.3		
30	46 13C8-PFOSA	506.1 > 77.7	2.46e3	3.44e4	0.251	0.0715	4.74	0.893	18.1687	36.5		
31	47 13C8-PFOS	507.0 > 79.9	4.76e3	4.96e3	0.251	0.960	4.77	12.0	44.9631	90.3		
32	47 13C8-PFOS	507.0 > 79.9	4.76e3	4.96e3	0.251	0.960	4.77	12.0	44.9631	90.3		
33	-1											
34	18 PFDA	513 > 468.8	2.26e3	2.46e4	0.251	0.000	5.07	1.15	3.4267		7.75	NO
35	19 8:2 FTS	527 > 506.9	1.01e3	3.44e3	0.251	0.000	5.04	3.67	10.1743		2.62	NO
36	21 L-MeFOSAA	570 > 419		5.87e3	0.251							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	5.87e3	0.251			0.000				

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Name: 180825M1_34, Date: 25-Aug-2018, Time: 19:22:31, ID: 1802094-03 SA-PZ181I-20180726 0.25108, Description: SA-PZ181I-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	4.89e4	2.80e4	0.251	0.000	5.40	21.8	92.4630		12.8	NO
39	48 13C2-PFDA	515.1 > 46...	2.46e4	3.01e4	0.251	0.815	5.07	10.2	43.0013	86.4		
40	49 13C2-8:2 FTS	529.1 > 50...	3.44e3	3.08e4	0.251	0.112	5.04	1.40	53.0467	106.6		
41	50 d3-N-MeFOSAA	573.3 > 419	5.87e3	3.44e4	0.251	0.171	5.21	2.13	37.5012	75.3		
42	50 d3-N-MeFOSAA	573.3 > 419	5.87e3	3.44e4	0.251	0.171	5.21	2.13	37.5012	75.3		
43	51 13C2-PFUdA	565 > 519.8	2.80e4	3.44e4	0.251	0.815	5.40	10.2	40.2587	80.9		
44	-1											
45	23 L-EtFOSAA	584.1 > 419	1.79e1	6.37e3	0.251	0.000	5.39	0.0351	0.3054		1.24	NO
46	72 Total N-EtFOSAA	584.1 > 419	1.79e1	6.37e3	0.251			0.0351	0.3054			
47	26 PFDS	598.8 > 79.9		4.76e3	0.251							
48	27 PFDoA	612.9 > 56...	1.82e2	3.03e4	0.251	0.000	5.68	0.0751	0.1707		30.0	YES
49	29 PFTrDA	662.9 > 61...		3.03e4	0.251							
50	52 d5-N-EtFOSAA	589.3 > 419	6.37e3	3.44e4	0.251	0.185	5.37	2.32	37.4772	75.3		
51	52 d5-N-EtFOSAA	589.3 > 419	6.37e3	3.44e4	0.251	0.185	5.37	2.32	37.4772	75.3		
52	51 13C2-PFUdA	565 > 519.8	2.80e4	3.44e4	0.251	0.815	5.40	10.2	40.2587	80.9		
53	53 13C2-PFDoA	615.0 > 56...	3.03e4	3.01e4	0.251	1.01	5.68	12.6	43.8600	88.1		
54	53 13C2-PFDoA	615.0 > 56...	3.03e4	3.01e4	0.251	1.01	5.68	12.6	43.8600	88.1		
55	-1											
56	30 PFTeDA	712.8 > 66...		2.05e4	0.251							
57	73 TCDA	498.3>106.9			0.251							
58	60 13C4-PFBA	217. > 172	1.42e4	1.42e4	0.251	1.00	1.27	12.5	49.7849	100.0		
59	61 13C5-PFHxA	318 > 272.9	2.78e4	2.78e4	0.251	1.00	3.08	12.5	49.7849	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.30e3	4.30e3	0.251	1.00	3.86	12.5	49.7849	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	2.05e4	3.44e4	0.251	0.597	6.15	7.46	41.0962	82.5		
62	47 13C8-PFOS	507.0 > 79.9	4.76e3	4.96e3	0.251	0.960	4.77	12.0	44.9631	90.3		
63	63 13C8-PFOA	420.9 > 376	3.08e4	3.08e4	0.251	1.00	4.24	12.5	49.7849	100.0		
64	64 13C9-PFNA	472.2 > 42...	2.70e4	2.70e4	0.251	1.00	4.68	12.5	49.7849	100.0		
65	65 13C4-PFOS	503 > 79.9	4.96e3	4.96e3	0.251	1.00	4.77	12.5	49.7849	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.01e4	3.01e4	0.251	1.00	5.07	12.5	49.7849	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.44e4	3.44e4	0.251	1.00	5.40	12.5	49.7849	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-34.qld

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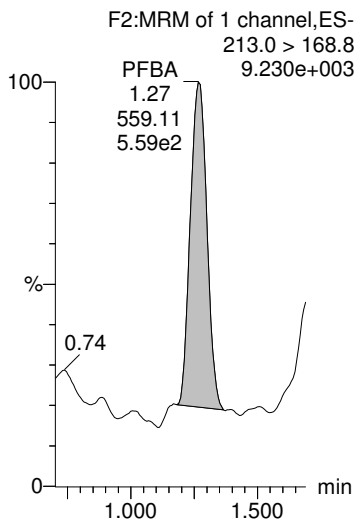
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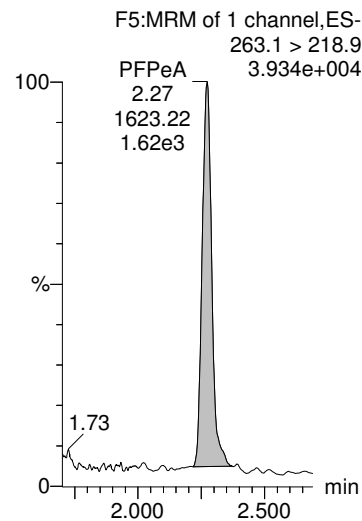
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Name: 180825M1_34, Date: 25-Aug-2018, Time: 19:22:31, ID: 1802094-03 SA-PZ181I-20180726 0.25108, Description: SA-PZ181I-20180726

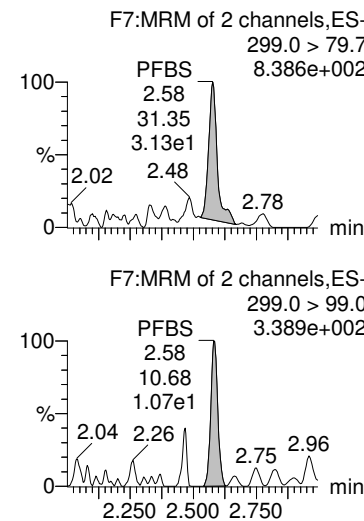
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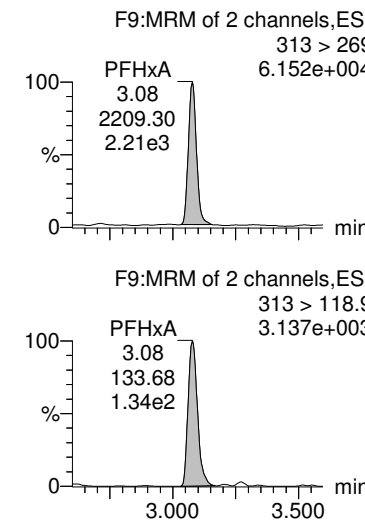
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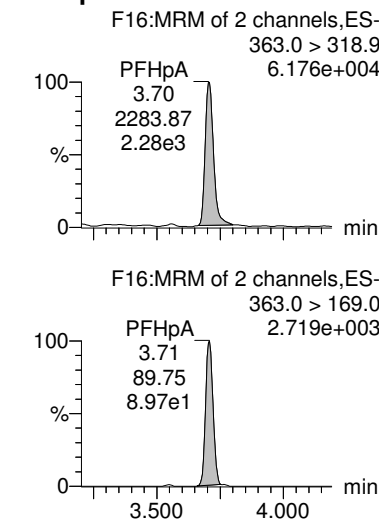
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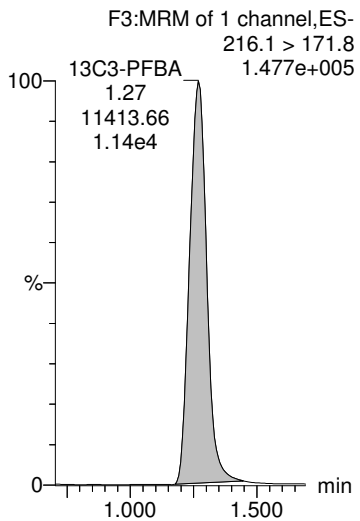
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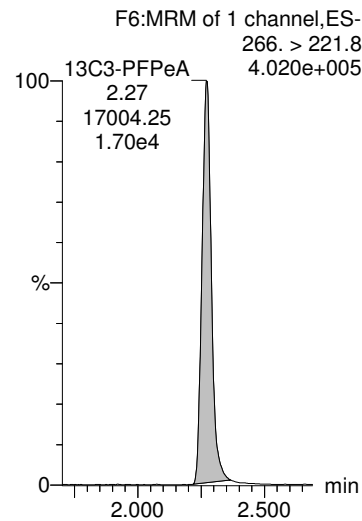
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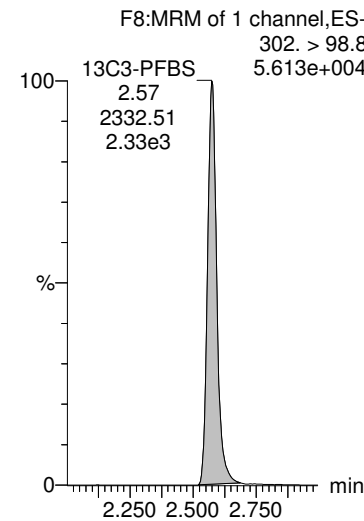
13C3-PFBA



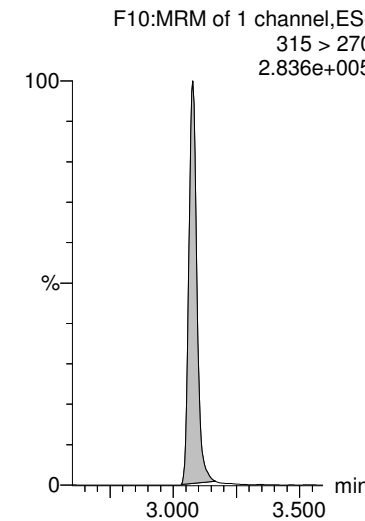
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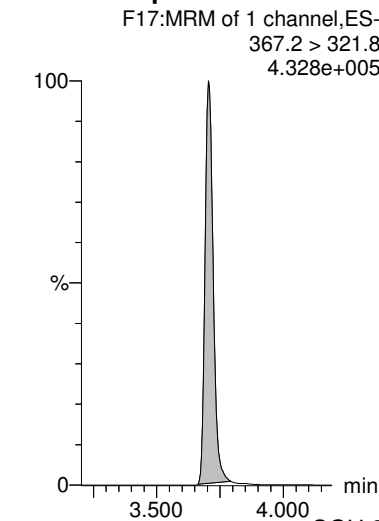
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-34.qld

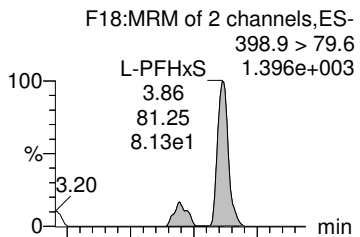
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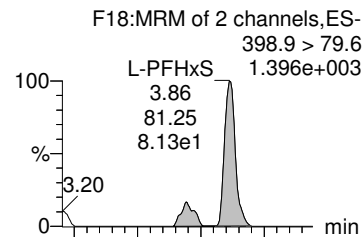
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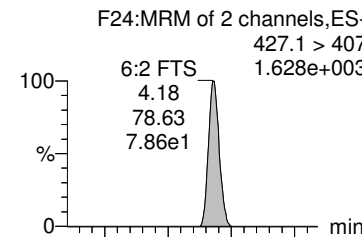
L-PFHxS



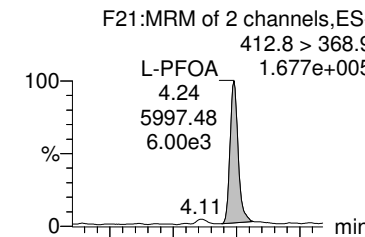
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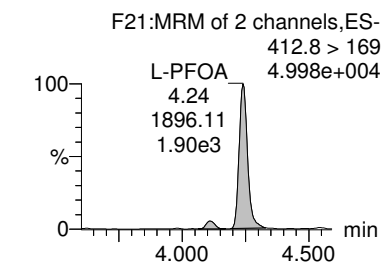
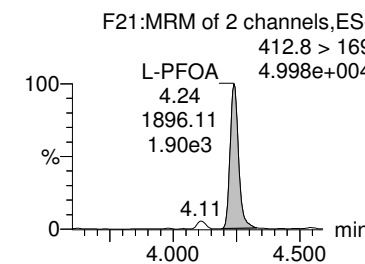
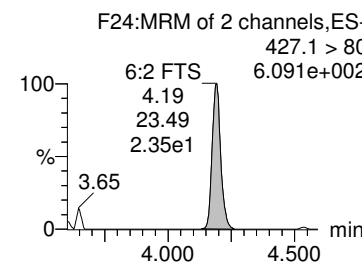
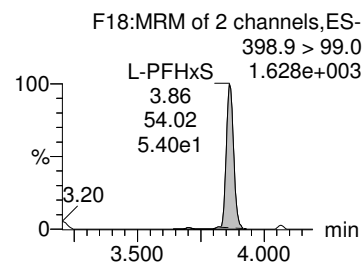
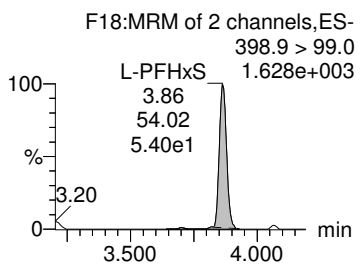
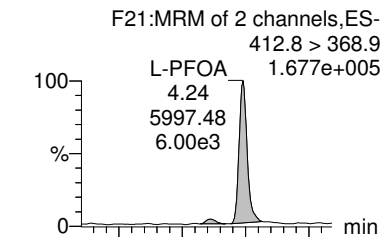
6:2 FTS



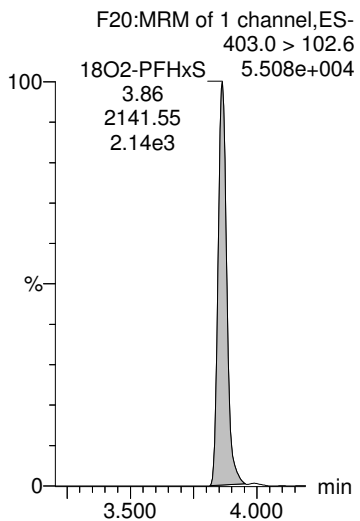
L-PFOA



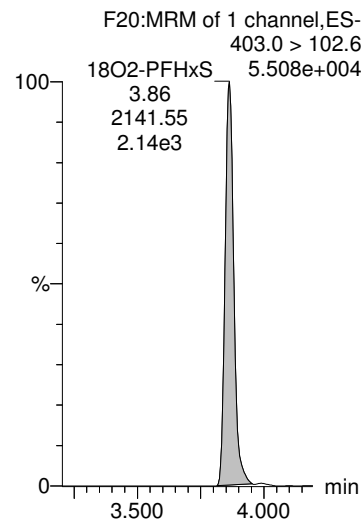
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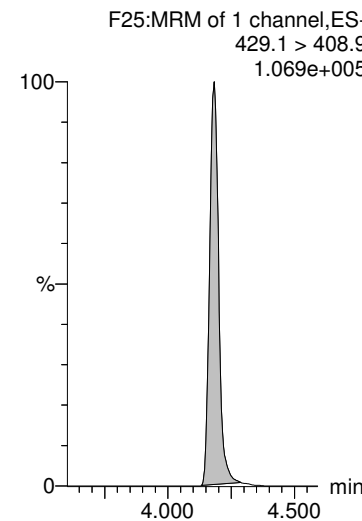
18O2-PFHxS



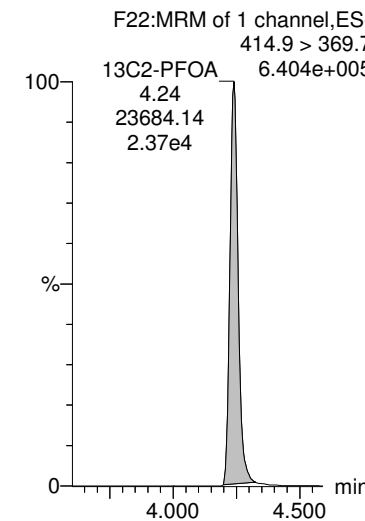
18O2-PFHxS



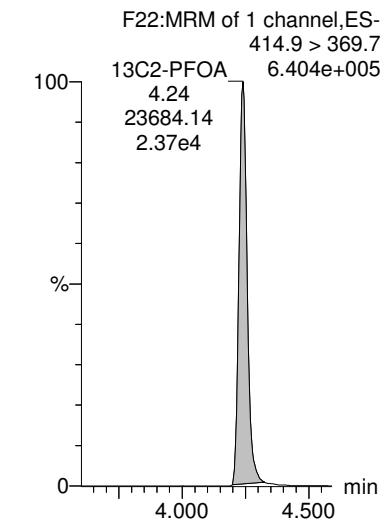
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



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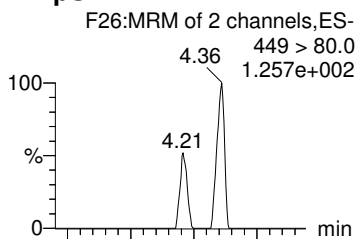
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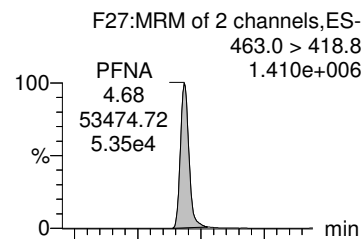
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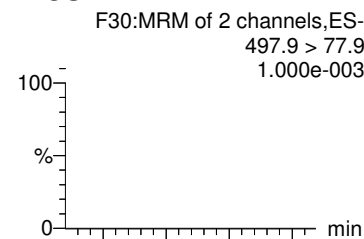
PFHpS



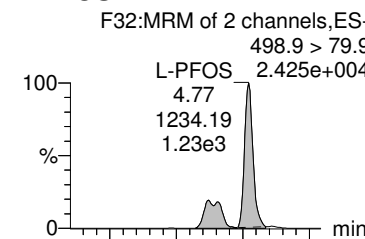
PFNA



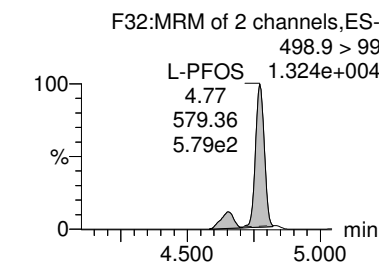
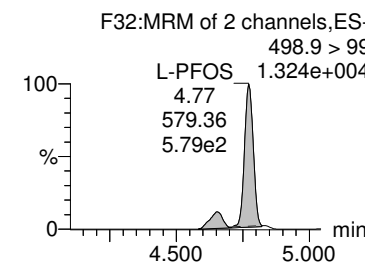
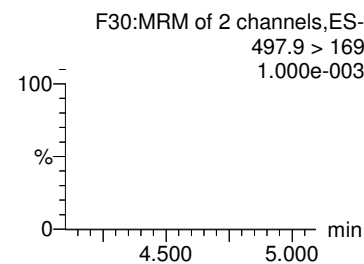
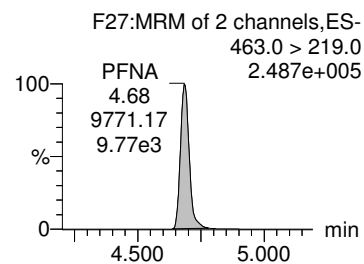
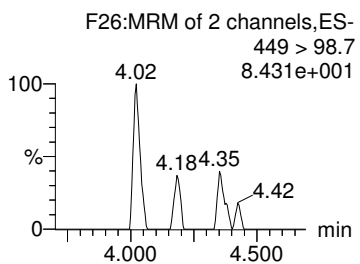
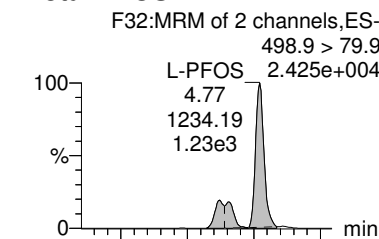
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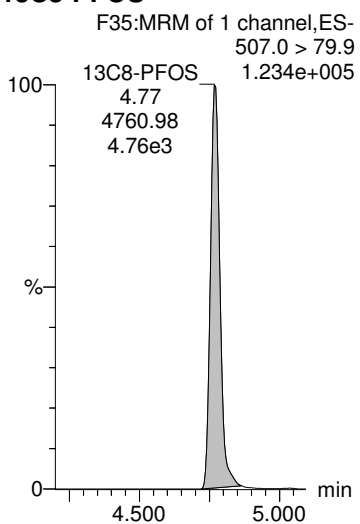
L-PFOS



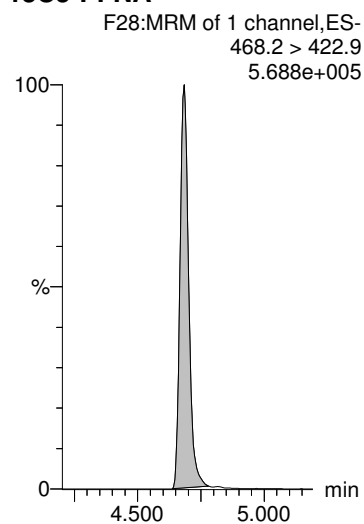
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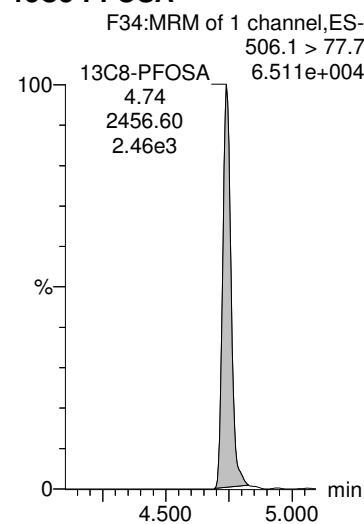
13C8-PFOS



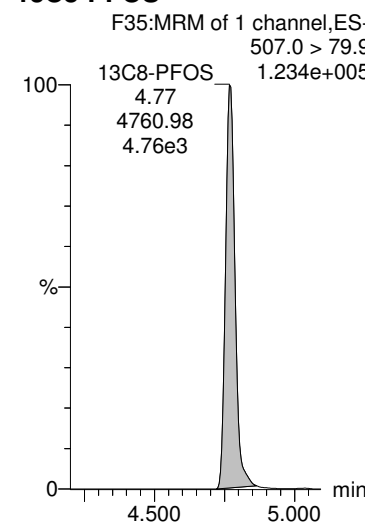
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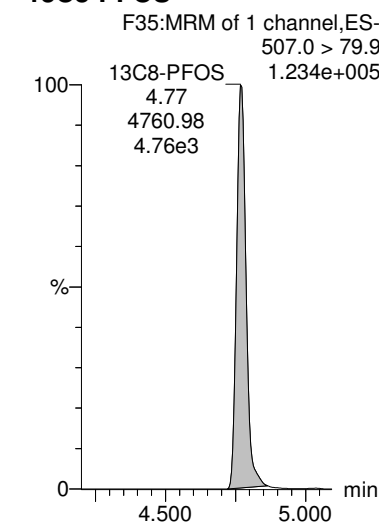
13C8-PFOSA



13C8-PFOS



13C8-PFOS



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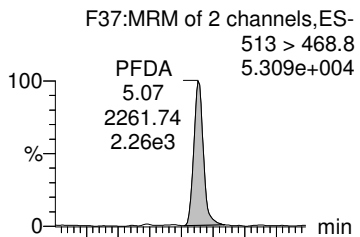
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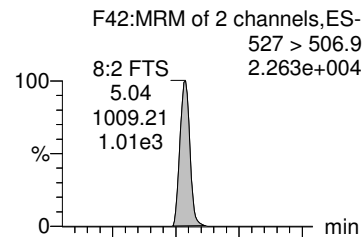
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Name: 180825M1_34, Date: 25-Aug-2018, Time: 19:22:31, ID: 1802094-03 SA-PZ181I-20180726 0.25108, Description: SA-PZ181I-20180726

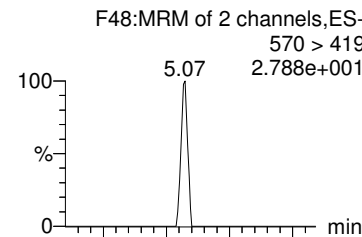
PFDA



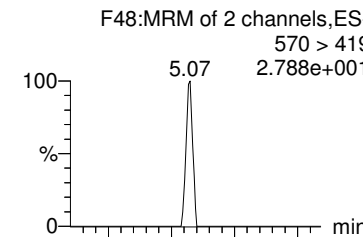
8:2 FTS



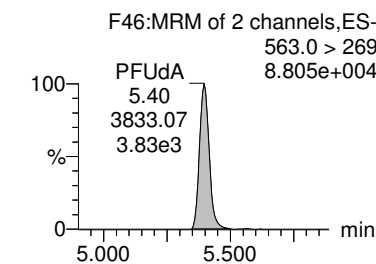
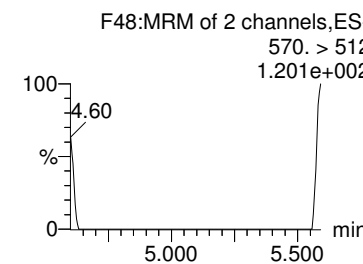
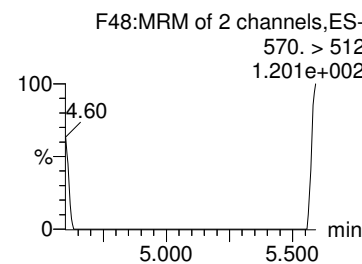
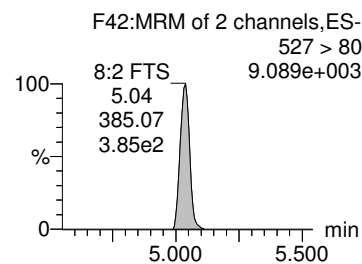
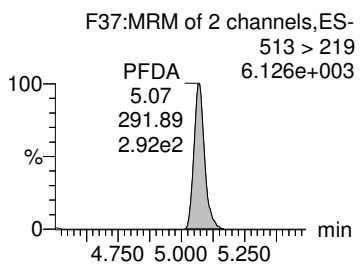
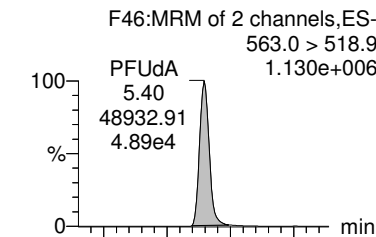
L-MeFOSAA



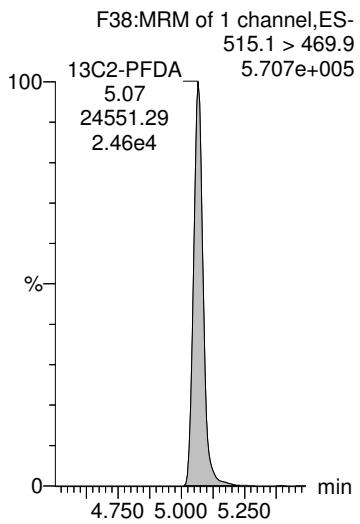
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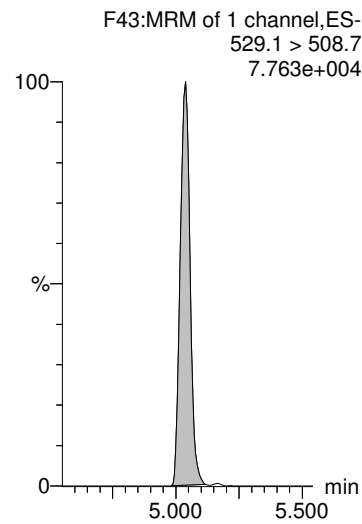
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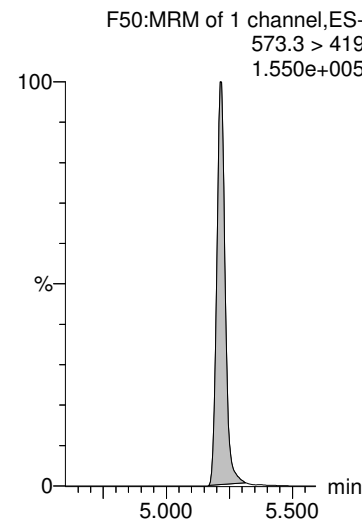
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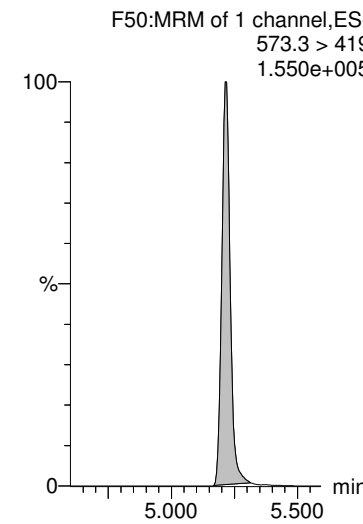
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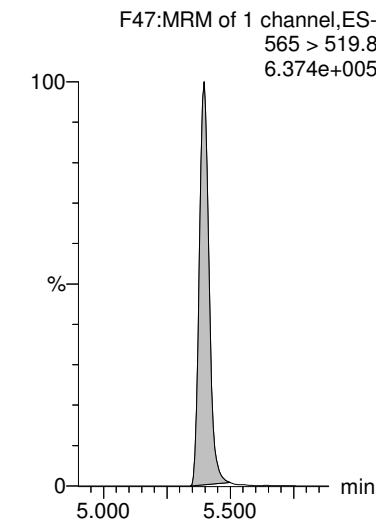
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



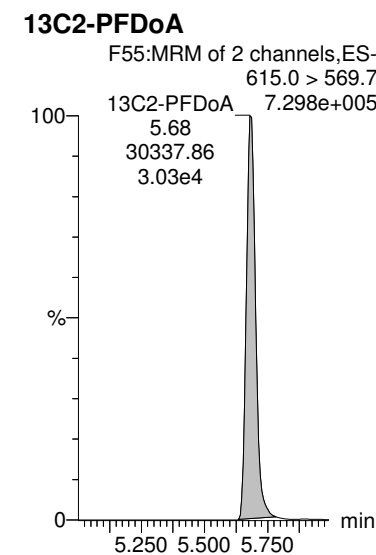
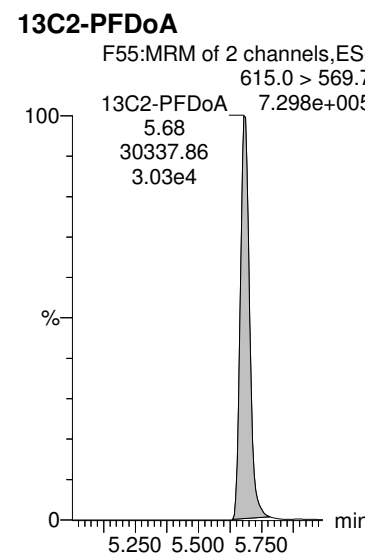
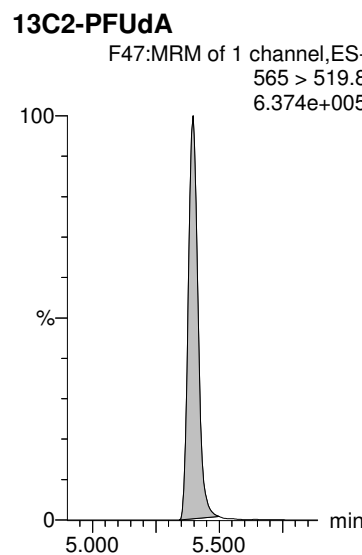
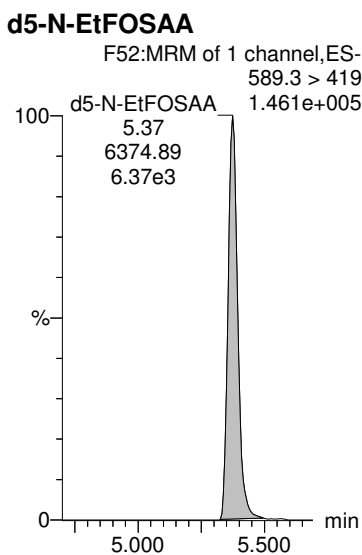
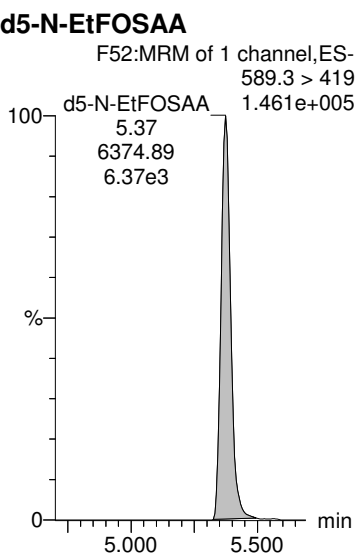
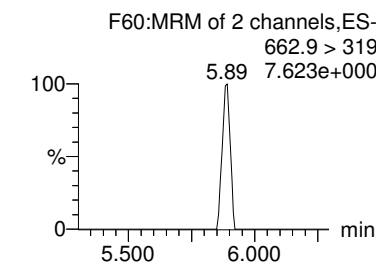
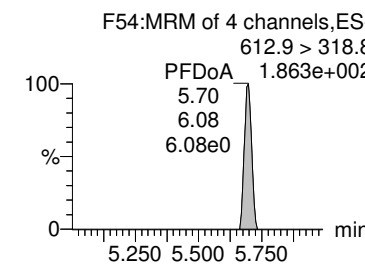
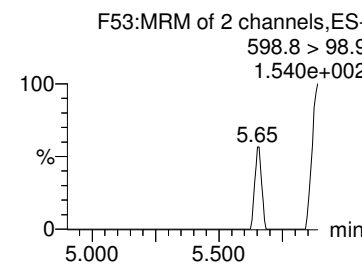
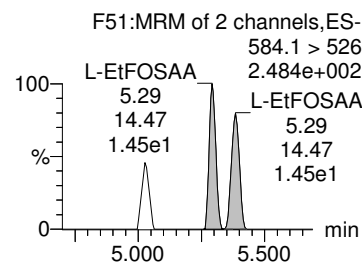
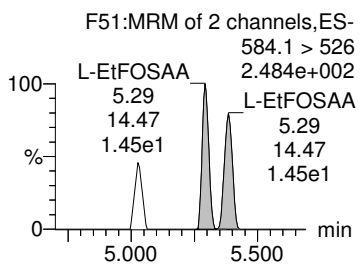
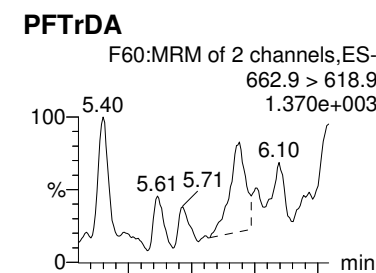
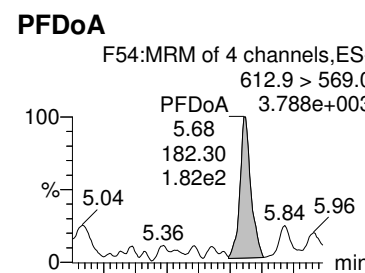
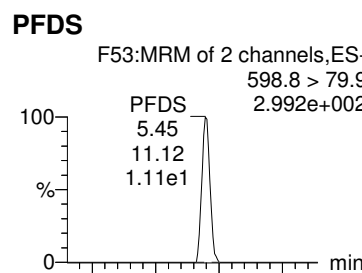
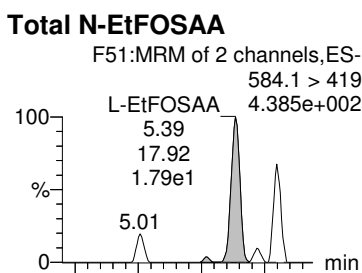
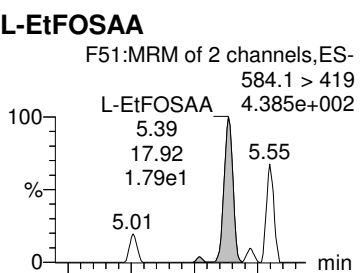
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MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 13:59:38 Pacific Daylight Time

Printed: Thursday, August 30, 2018 14:00:30 Pacific Daylight Time

Name: 180825M1_34, Date: 25-Aug-2018, Time: 19:22:31, ID: 1802094-03 SA-PZ181I-20180726 0.25108, Description: SA-PZ181I-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-34.qld

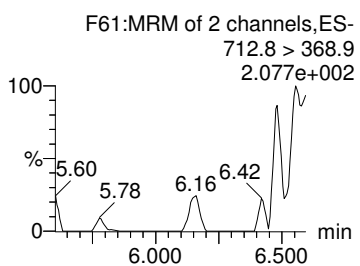
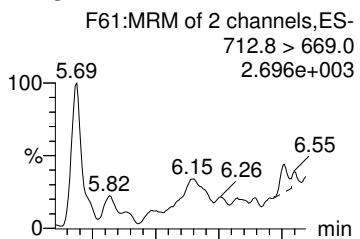
MMM 9/6/2018

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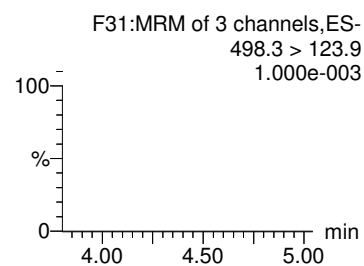
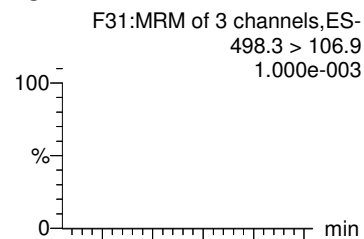
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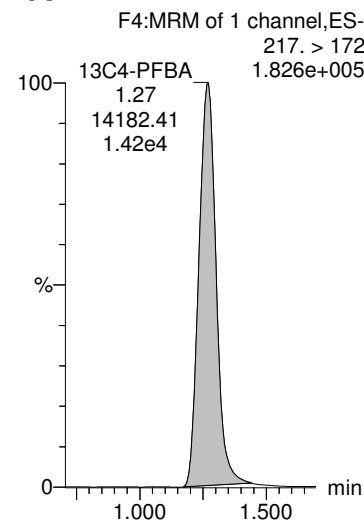
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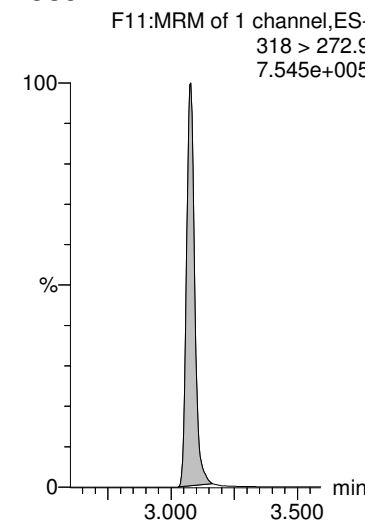
TCDA



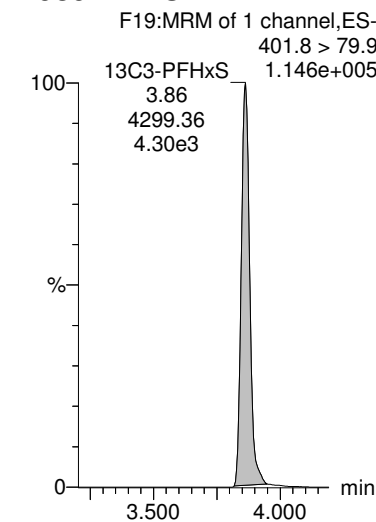
13C4-PFBA



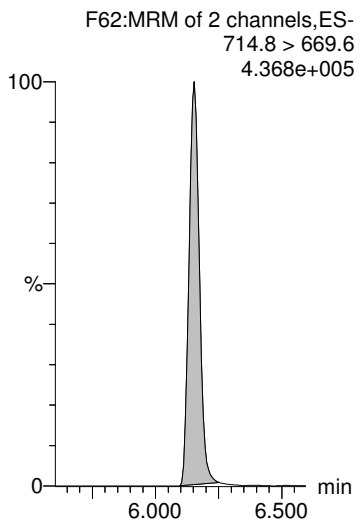
13C5-PFHxA



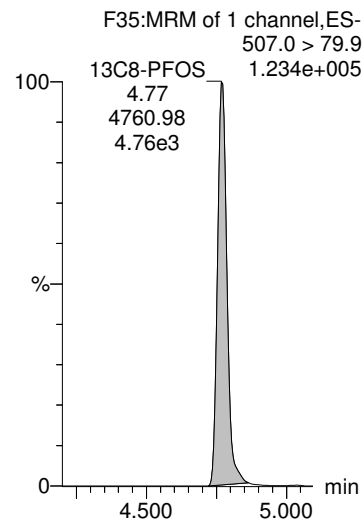
13C3-PFHxS



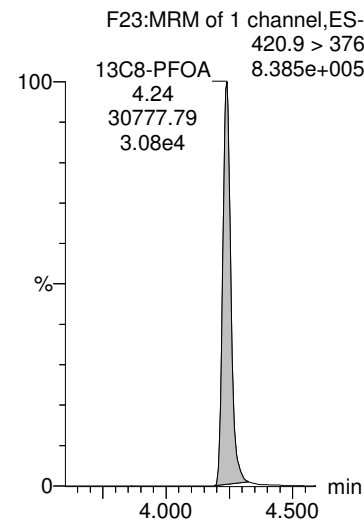
13C2-PFTeDA



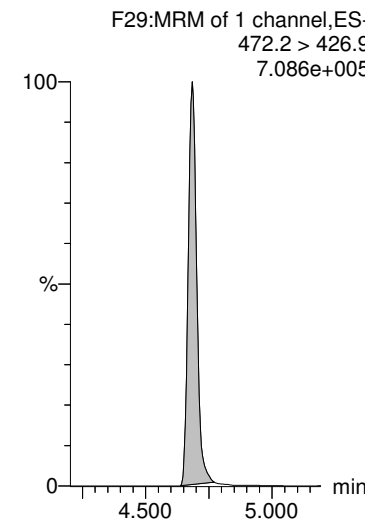
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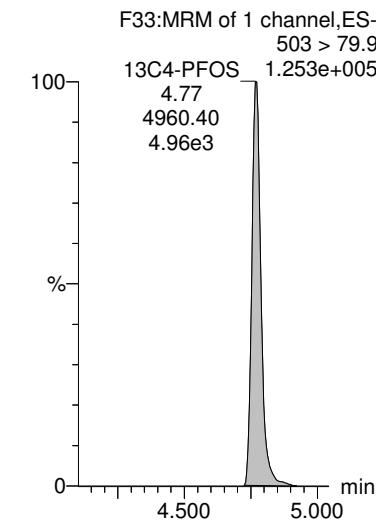
13C8-PFOA



13C9-PFNA



13C4-PFOS



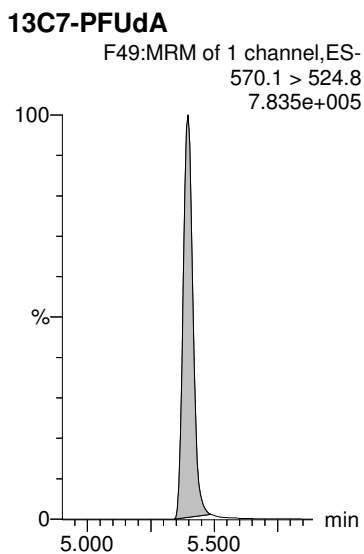
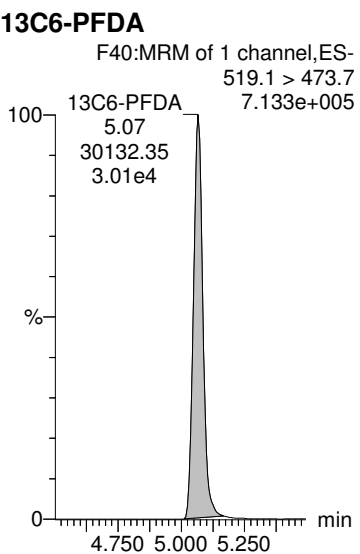
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Last Altered: Thursday, August 30, 2018 13:59:38 Pacific Daylight Time

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Name: 180825M1_34, Date: 25-Aug-2018, Time: 19:22:31, ID: 1802094-03 SA-PZ181I-20180726 0.25108, Description: SA-PZ181I-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-35.qld

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Name: 180825M1_35, Date: 25-Aug-2018, Time: 19:33:04, ID: 1802094-04 SA-PZ182I-20180726 0.24043, Description: SA-PZ182I-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	3.30e2	1.17e4	0.240	0.000	1.27	0.353	1.2178			
2	2 PFPeA	263.1 > 21...	6.18e2	1.77e4	0.240	0.000	2.27	0.437	1.6258			
3	3 PFBS	299.0 > 79.7	1.79e1	2.26e3	0.240	0.000	2.57	0.0990	0.1340		2.33	NO
4	5 PFHxA	313 > 269	1.03e3	1.06e4	0.240	0.000	3.08	0.483	1.8832		15.2	NO
5	7 PFHpA	363.0 > 31...	1.22e3	1.63e4	0.240	0.000	3.70	0.939	3.1931		26.8	NO
6	36 13C3-PFBA	216.1 > 17...	1.17e4	1.39e4	0.240	0.838	1.27	10.5	52.6891	101.3		
7	37 13C3-PFPeA	266. > 221.8	1.77e4	2.75e4	0.240	0.641	2.27	8.01	52.0633	100.1		
8	38 13C3-PFBS	302. > 98.8	2.26e3	2.75e4	0.240	0.0822	2.57	1.03	65.5780	126.1		
9	40 13C2-PFHxA	315 > 270	1.06e4	2.75e4	0.240	0.967	3.08	4.83	20.7758	99.9		
10	41 13C4-PFHpA	367.2 > 32...	1.63e4	2.75e4	0.240	0.592	3.70	7.40	52.5808	101.1		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	7.38e1	2.00e3	0.240	0.000	3.86	0.462	1.0804		1.97	NO
13	68 Total PFHxS	398.9 > 79.6	7.38e1	2.00e3	0.240			0.462	1.0804			
14	10 6:2 FTS	427.1 > 407	1.05e2	4.26e3	0.240	0.000	4.18	0.308	1.0959		4.63	YES
15	11 L-PFOA	412.8 > 36...	3.46e3	2.34e4	0.240	0.000	4.24	1.85	5.7984		2.94	NO
16	69 Total PFOA	412.8 > 36...	3.60e3	2.34e4	0.240			1.85	5.7984			
17	42 18O2-PFHxS	403.0 > 10...	2.00e3	4.09e3	0.240	0.488	3.86	6.10	49.0198	94.3		
18	42 18O2-PFHxS	403.0 > 10...	2.00e3	4.09e3	0.240	0.488	3.86	6.10	49.0198	94.3		
19	43 13C2-6:2 FTS	429.1 > 40...	4.26e3	2.98e4	0.240	0.143	4.18	1.79	55.7440	107.2		
20	44 13C2-PFOA	414.9 > 36...	2.34e4	2.98e4	0.240	0.787	4.24	9.83	47.4172	91.2		
21	44 13C2-PFOA	414.9 > 36...	2.34e4	2.98e4	0.240	0.787	4.24	9.83	47.4172	91.2		
22	-1											
23	13 PFHpS	449 > 80.0		4.57e3	0.240							
24	14 PFNA	463.0 > 41...	3.23e4	2.23e4	0.240	0.000	4.68	18.1	63.0506		5.32	NO
25	15 PFOSA	497.9 > 77.9		2.09e3	0.240							
26	16 L-PFOS	498.9 > 79.9	6.54e2	4.57e3	0.240	0.000	4.77	1.79	7.5147		2.13	NO
27	70 Total PFOS	498.9 > 79.9	6.54e2	4.57e3	0.240			1.79	7.5147			
28	47 13C8-PFOS	507.0 > 79.9	4.57e3	4.40e3	0.240	1.04	4.77	13.0	50.8089	97.7		
29	45 13C5-PFNA	468.2 > 42...	2.23e4	2.67e4	0.240	0.836	4.68	10.4	45.2497	87.0		
30	46 13C8-PFOSA	506.1 > 77.7	2.09e3	3.43e4	0.240	0.0608	4.74	0.760	16.1520	31.1		
31	47 13C8-PFOS	507.0 > 79.9	4.57e3	4.40e3	0.240	1.04	4.77	13.0	50.8089	97.7		
32	47 13C8-PFOS	507.0 > 79.9	4.57e3	4.40e3	0.240	1.04	4.77	13.0	50.8089	97.7		
33	-1											
34	18 PFDA	513 > 468.8	1.26e3	2.02e4	0.240	0.000	5.07	0.776	2.2938		8.72	YES
35	19 8:2 FTS	527 > 506.9	6.32e1	3.09e3	0.240	0.000	5.03	0.256	0.4766		1.80	NO
36	21 L-MeFOSAA	570 > 419		5.03e3	0.240							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	5.03e3	0.240			0.000				

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Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-35.qld

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Printed: Thursday, August 30, 2018 14:08:16 Pacific Daylight Time

Name: 180825M1_35, Date: 25-Aug-2018, Time: 19:33:04, ID: 1802094-04 SA-PZ182I-20180726 0.24043, Description: SA-PZ182I-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	2.36e4	2.33e4	0.240	0.000	5.40	12.6	55.7272		12.6	NO
39	48 13C2-PFDA	515.1 > 46...	2.02e4	2.88e4	0.240	0.702	5.07	8.77	38.6825	74.4		
40	49 13C2-8:2 FTS	529.1 > 50...	3.09e3	2.98e4	0.240	0.104	5.04	1.30	51.5108	99.1		
41	50 d3-N-MeFOSAA	573.3 > 419	5.03e3	3.43e4	0.240	0.147	5.21	1.83	33.6455	64.7		
42	50 d3-N-MeFOSAA	573.3 > 419	5.03e3	3.43e4	0.240	0.147	5.21	1.83	33.6455	64.7		
43	51 13C2-PFUdA	565 > 519.8	2.33e4	3.43e4	0.240	0.680	5.40	8.50	35.0661	67.4		
44	-1											
45	23 L-EtFOSAA	584.1 > 419	7.05e2	4.99e3	0.240	0.000	5.38	1.77	7.6957		1.70	NO
46	72 Total N-EtFOSAA	584.1 > 419	7.05e2	4.99e3	0.240			1.77	7.6957			
47	26 PFDS	598.8 > 79.9		4.57e3	0.240							
48	27 PFDoA	612.9 > 56...		2.43e4	0.240							
49	29 PFTrDA	662.9 > 61...		2.43e4	0.240							
50	52 d5-N-EtFOSAA	589.3 > 419	4.99e3	3.43e4	0.240	0.145	5.37	1.82	30.6974	59.0		
51	52 d5-N-EtFOSAA	589.3 > 419	4.99e3	3.43e4	0.240	0.145	5.37	1.82	30.6974	59.0		
52	51 13C2-PFUdA	565 > 519.8	2.33e4	3.43e4	0.240	0.680	5.40	8.50	35.0661	67.4		
53	53 13C2-PFDoA	615.0 > 56...	2.43e4	2.88e4	0.240	0.843	5.68	10.5	38.3559	73.8		
54	53 13C2-PFDoA	615.0 > 56...	2.43e4	2.88e4	0.240	0.843	5.68	10.5	38.3559	73.8		
55	-1											
56	30 PFTeDA	712.8 > 66...		1.72e4	0.240							
57	73 TCDA	498.3>106.9			0.240							
58	60 13C4-PFBA	217. > 172	1.39e4	1.39e4	0.240	1.00	1.26	12.5	51.9902	100.0		
59	61 13C5-PFHxA	318 > 272.9	2.75e4	2.75e4	0.240	1.00	3.08	12.5	51.9902	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.09e3	4.09e3	0.240	1.00	3.86	12.5	51.9902	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	1.72e4	3.43e4	0.240	0.501	6.15	6.26	36.0288	69.3		
62	47 13C8-PFOS	507.0 > 79.9	4.57e3	4.40e3	0.240	1.04	4.77	13.0	50.8089	97.7		
63	63 13C8-PFOA	420.9 > 376	2.98e4	2.98e4	0.240	1.00	4.24	12.5	51.9902	100.0		
64	64 13C9-PFNA	472.2 > 42...	2.67e4	2.67e4	0.240	1.00	4.68	12.5	51.9902	100.0		
65	65 13C4-PFOS	503 > 79.9	4.40e3	4.40e3	0.240	1.00	4.77	12.5	51.9902	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	2.88e4	2.88e4	0.240	1.00	5.07	12.5	51.9902	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.43e4	3.43e4	0.240	1.00	5.40	12.5	51.9902	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-35.qld

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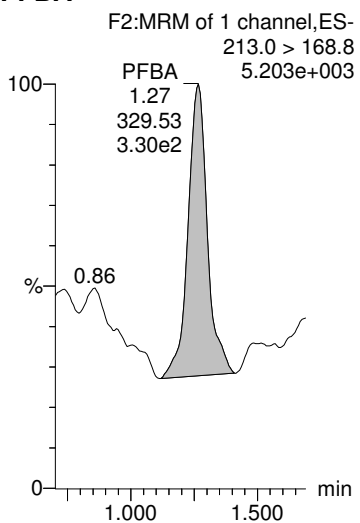
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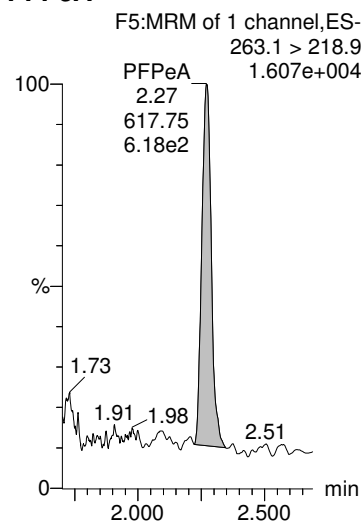
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Name: 180825M1_35, Date: 25-Aug-2018, Time: 19:33:04, ID: 1802094-04 SA-PZ182I-20180726 0.24043, Description: SA-PZ182I-20180726

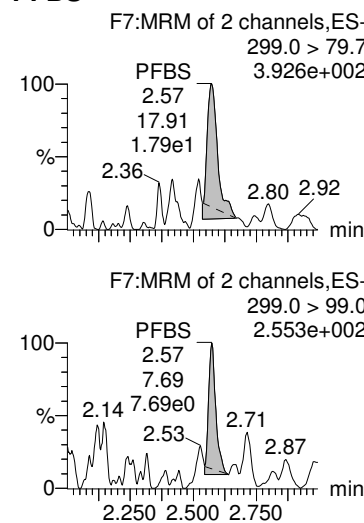
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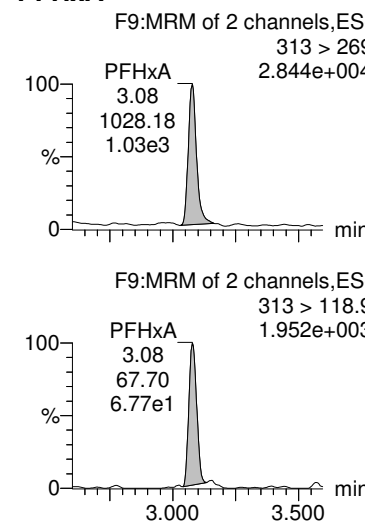
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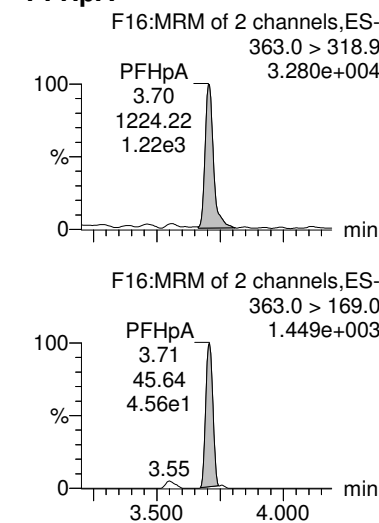
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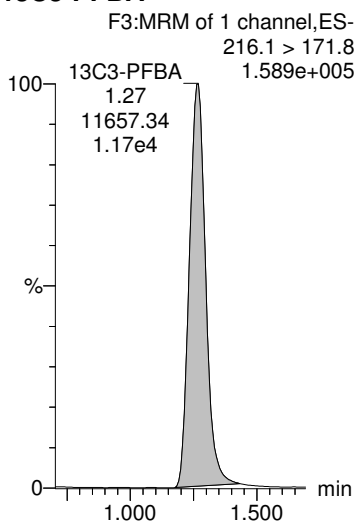
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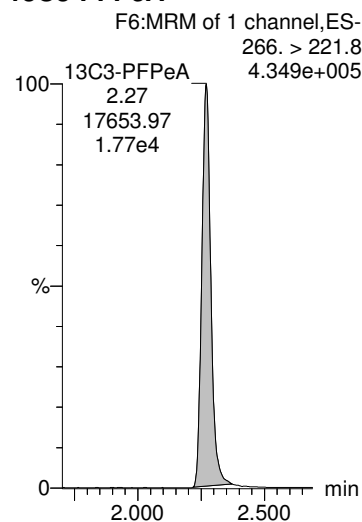
PFHpA



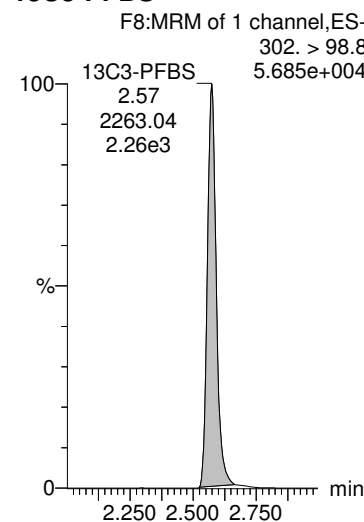
13C3-PFBA



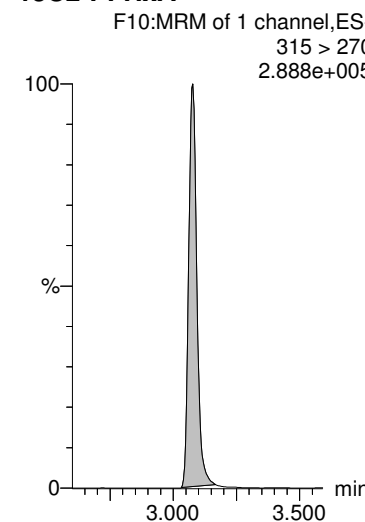
13C3-PFPeA



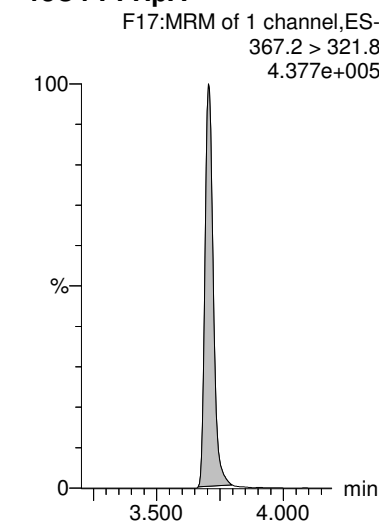
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-35.qld

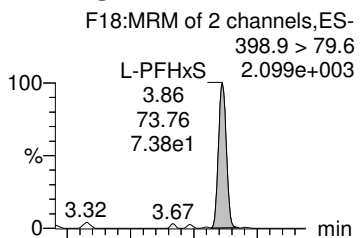
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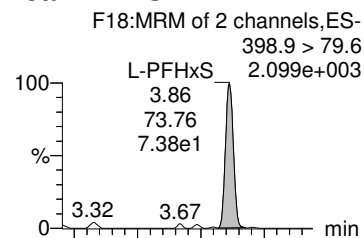
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Name: 180825M1_35, Date: 25-Aug-2018, Time: 19:33:04, ID: 1802094-04 SA-PZ182I-20180726 0.24043, Description: SA-PZ182I-20180726

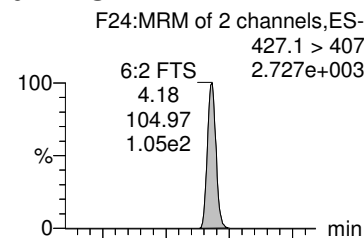
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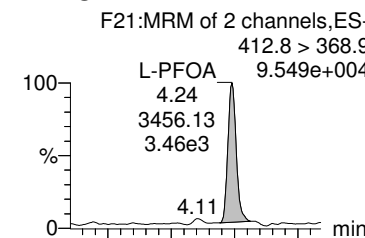
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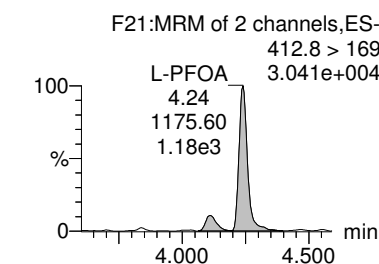
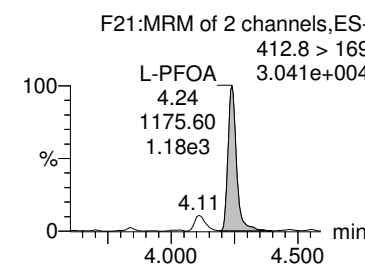
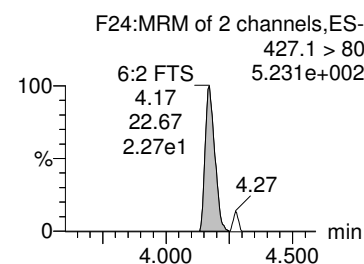
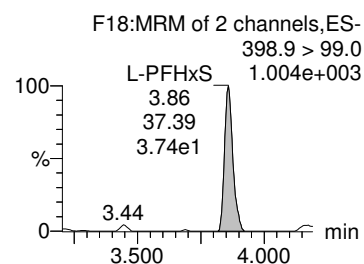
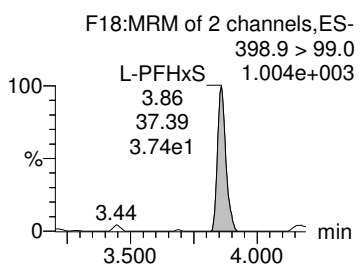
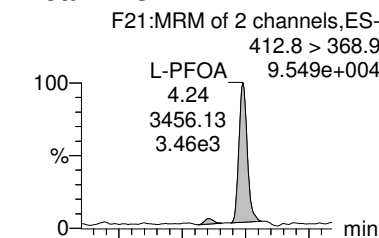
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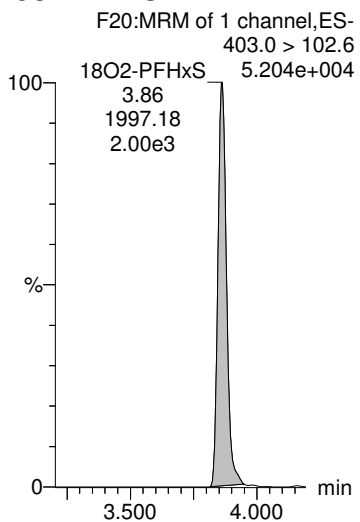
L-PFOA



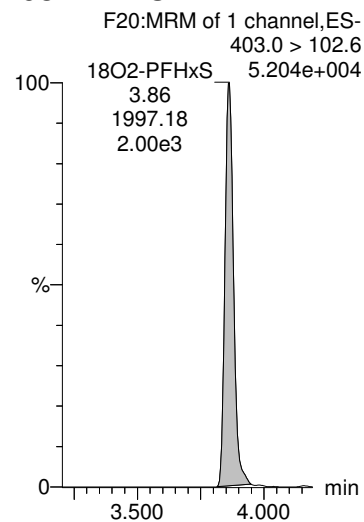
Total PFOA



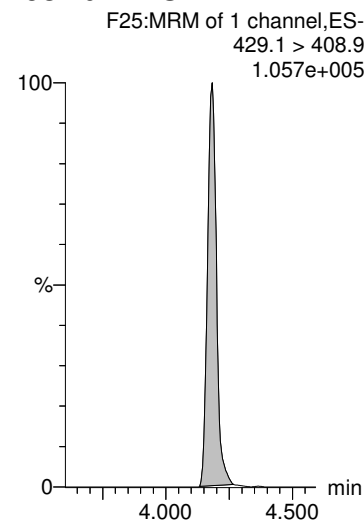
18O2-PFHxS



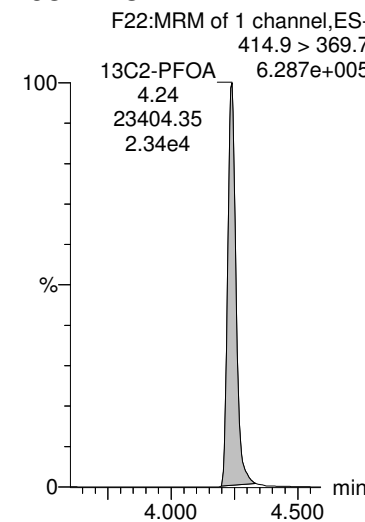
18O2-PFHxS



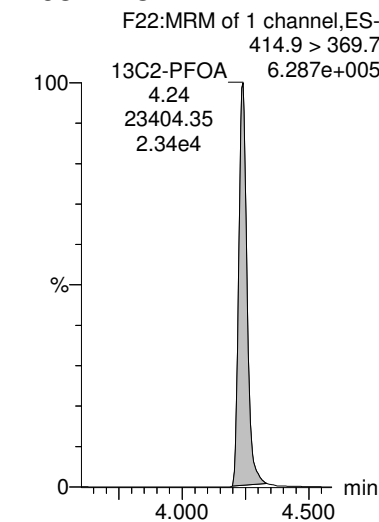
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-35.qld

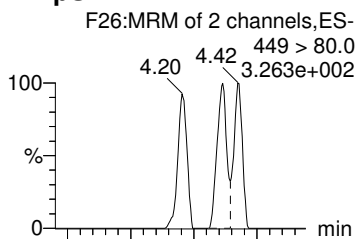
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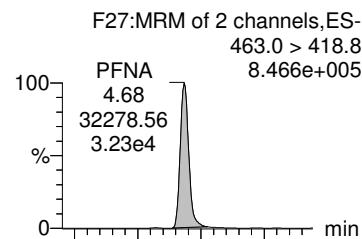
Printed: Thursday, August 30, 2018 14:08:16 Pacific Daylight Time

Name: 180825M1_35, Date: 25-Aug-2018, Time: 19:33:04, ID: 1802094-04 SA-PZ182I-20180726 0.24043, Description: SA-PZ182I-20180726

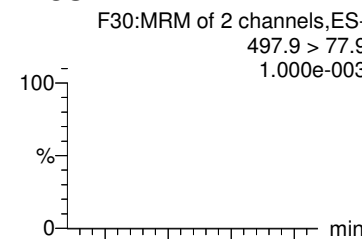
PFHpS



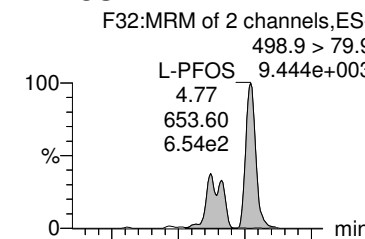
PFNA



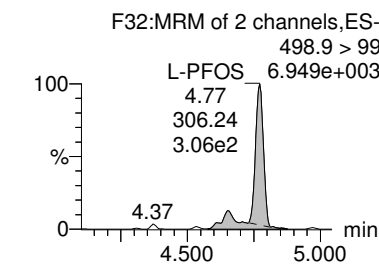
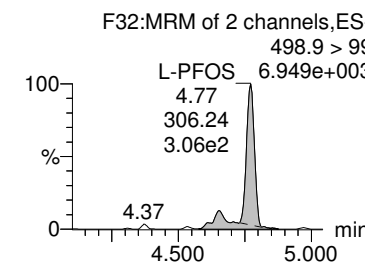
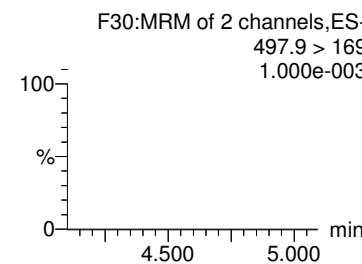
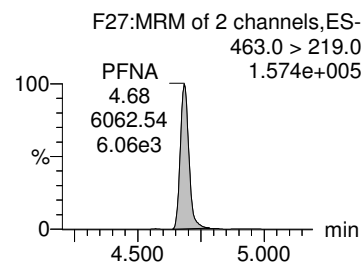
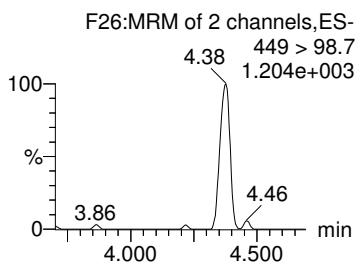
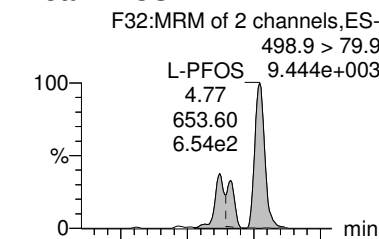
PFOSA



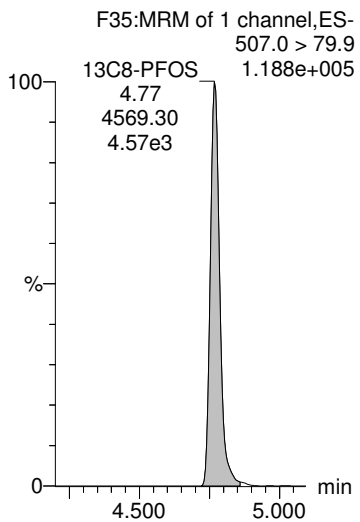
L-PFOS



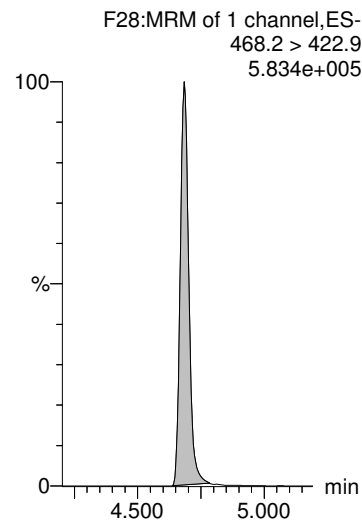
Total PFOS



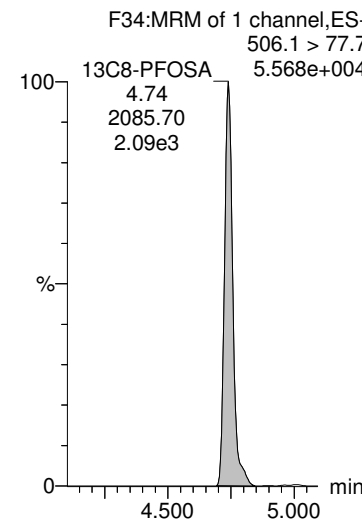
13C8-PFOS



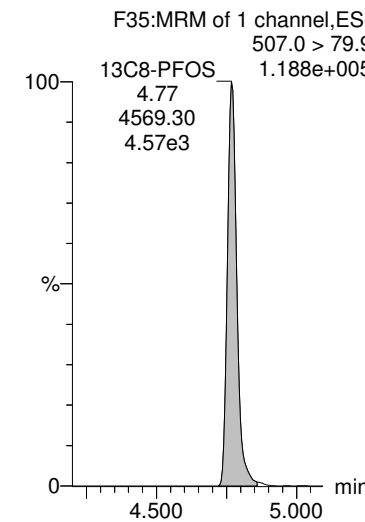
13C5-PFNA



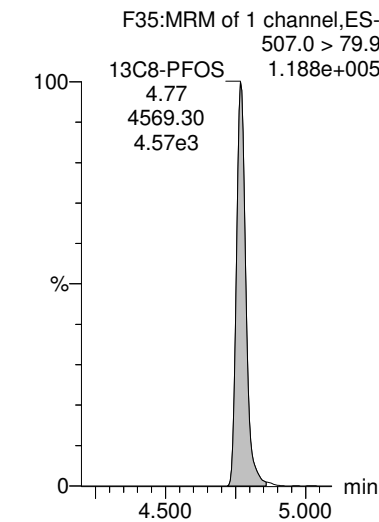
13C8-PFOSA



13C8-PFOS



13C8-PFOS



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-35.qld

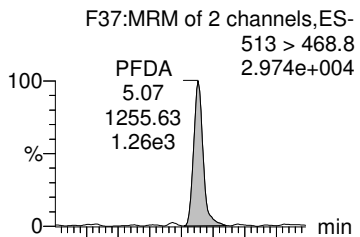
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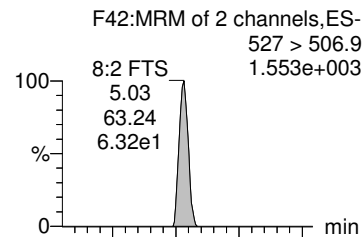
Printed: Thursday, August 30, 2018 14:08:16 Pacific Daylight Time

Name: 180825M1_35, Date: 25-Aug-2018, Time: 19:33:04, ID: 1802094-04 SA-PZ182I-20180726 0.24043, Description: SA-PZ182I-20180726

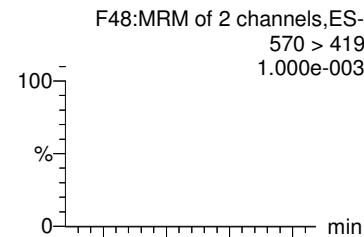
PFDA



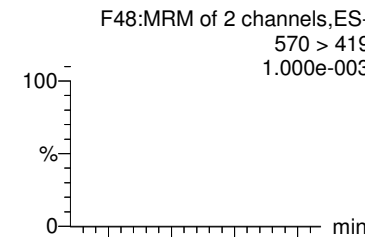
8:2 FTS



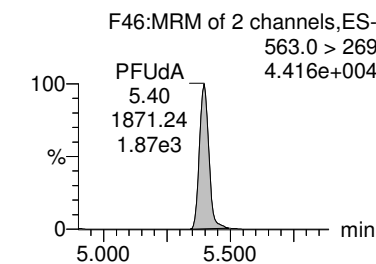
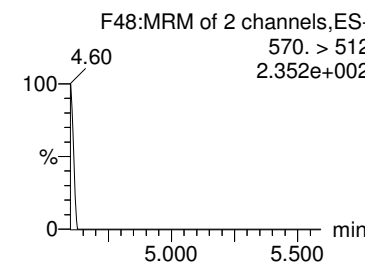
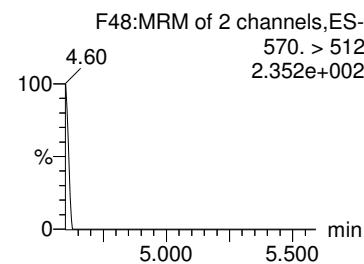
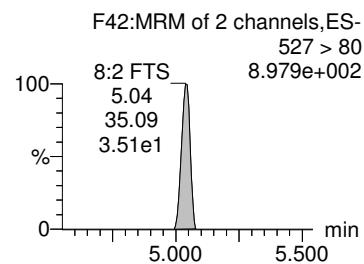
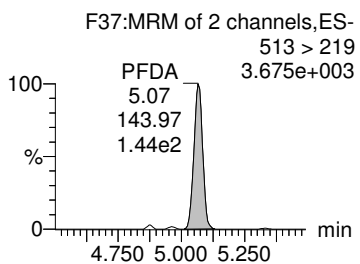
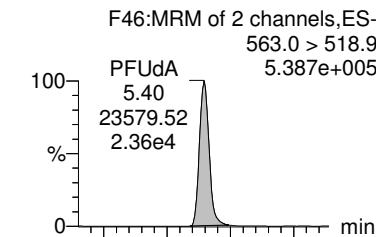
L-MeFOSAA



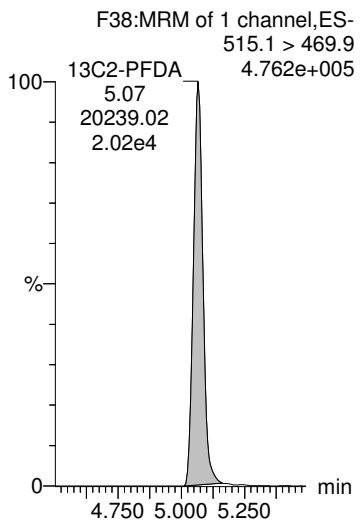
Total N-MeFOSAA



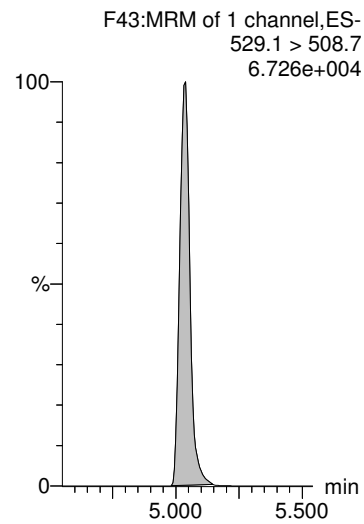
PFUdA



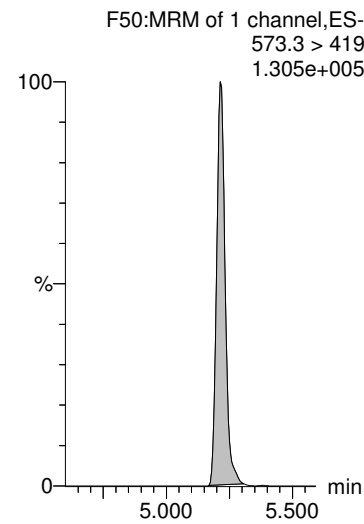
13C2-PFDA



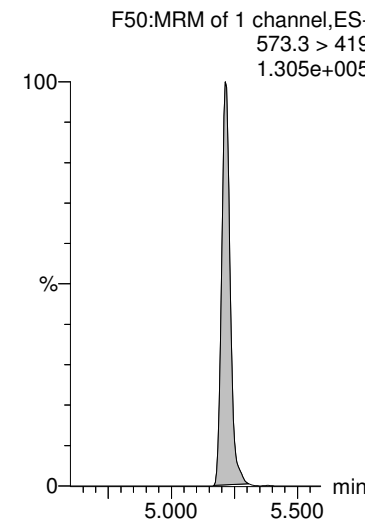
13C2-8:2 FTS



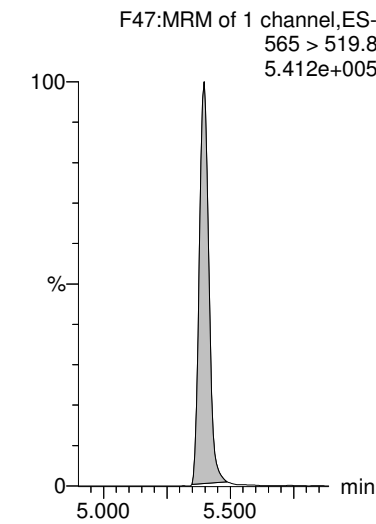
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



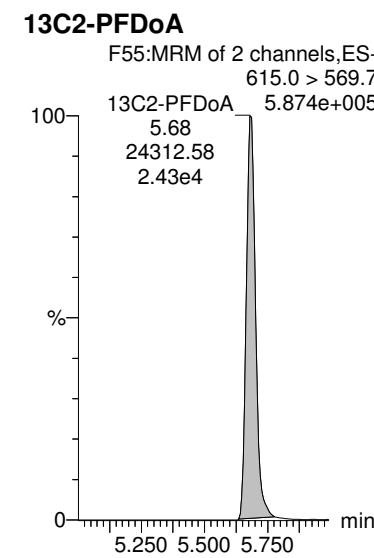
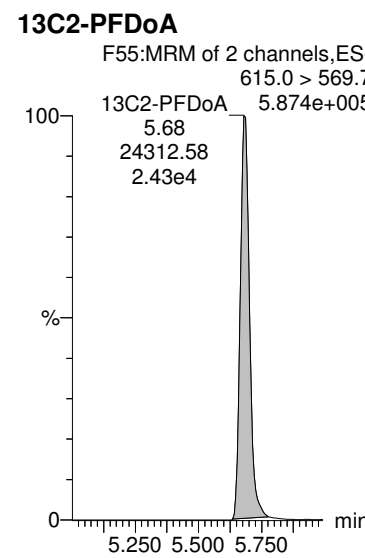
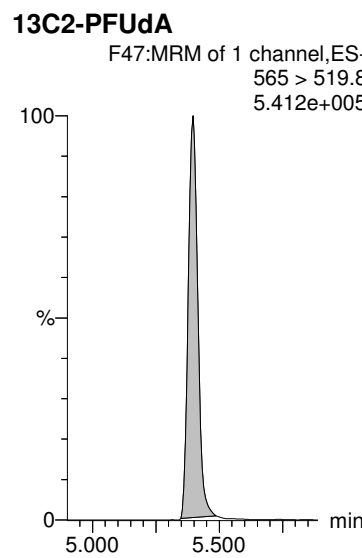
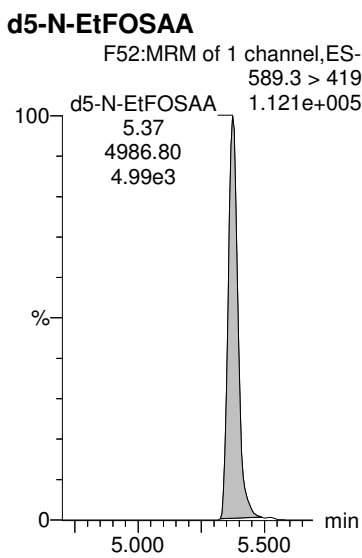
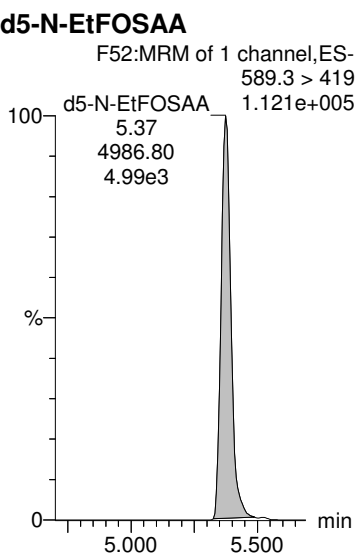
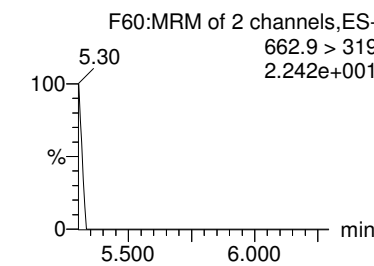
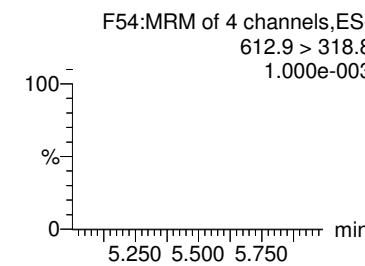
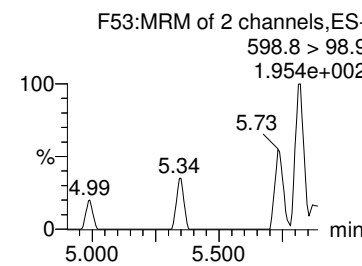
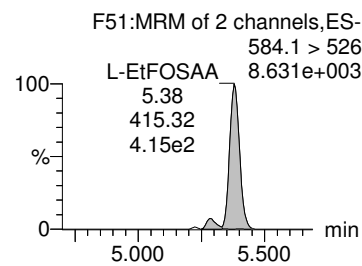
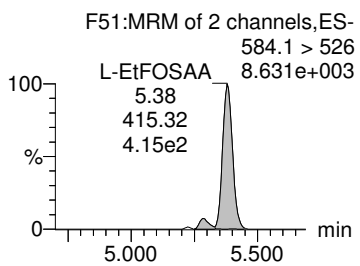
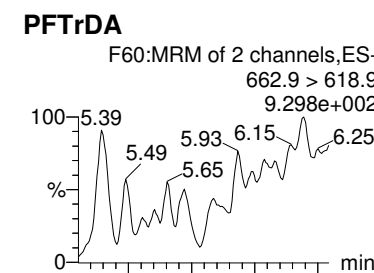
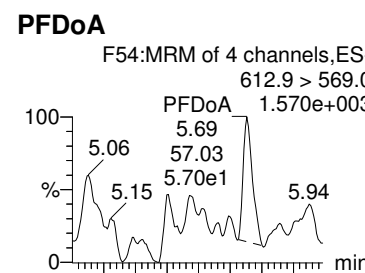
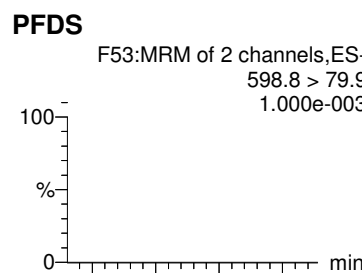
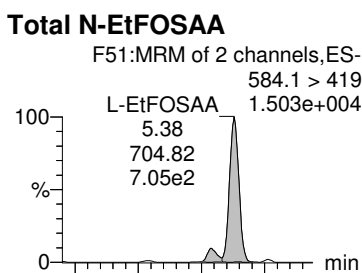
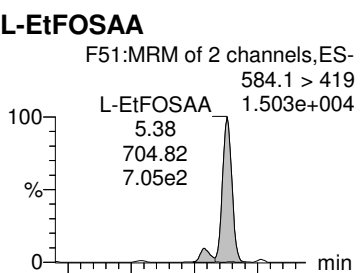
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-35.qld

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Name: 180825M1_35, Date: 25-Aug-2018, Time: 19:33:04, ID: 1802094-04 SA-PZ182I-20180726 0.24043, Description: SA-PZ182I-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-35.qld

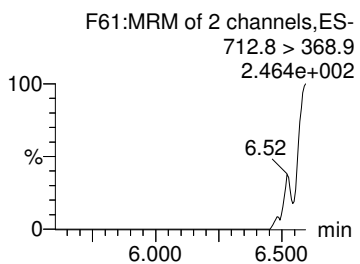
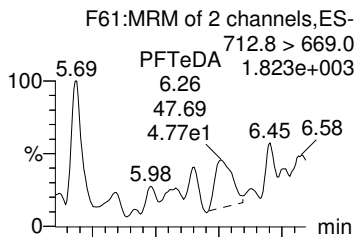
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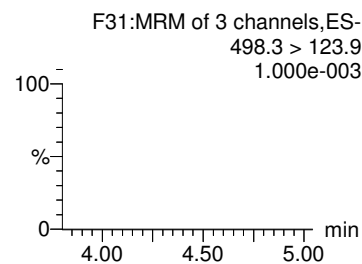
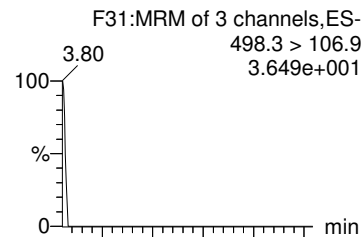
Printed: Thursday, August 30, 2018 14:08:16 Pacific Daylight Time

Name: 180825M1_35, Date: 25-Aug-2018, Time: 19:33:04, ID: 1802094-04 SA-PZ182I-20180726 0.24043, Description: SA-PZ182I-20180726

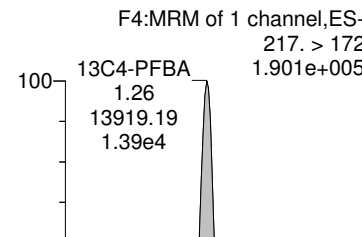
PFTeDA



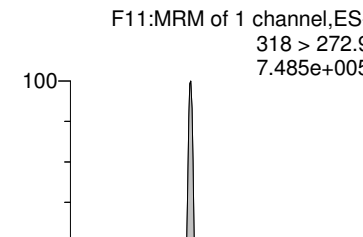
TCDA



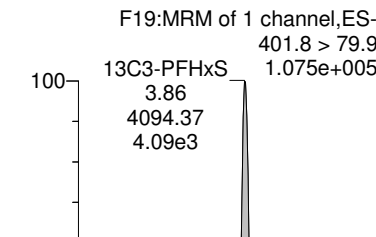
13C4-PFBA



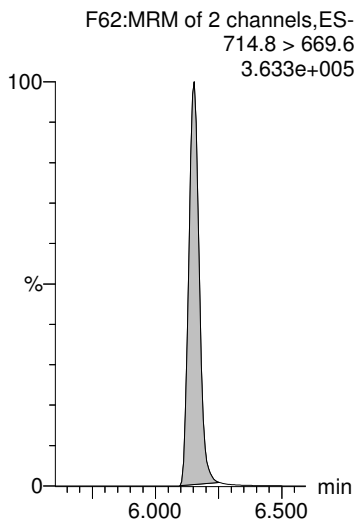
13C5-PFHxA



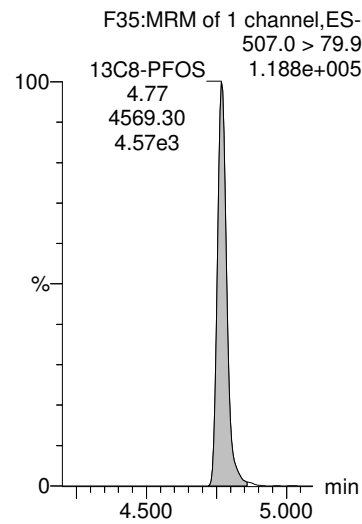
13C3-PFHxS



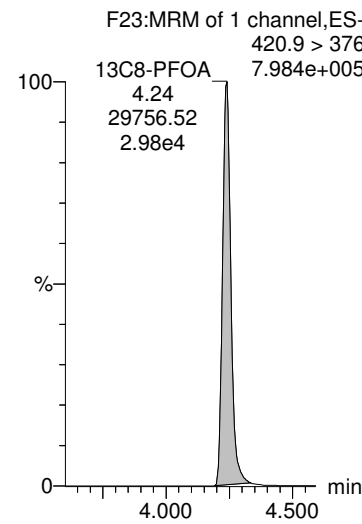
13C2-PFTeDA



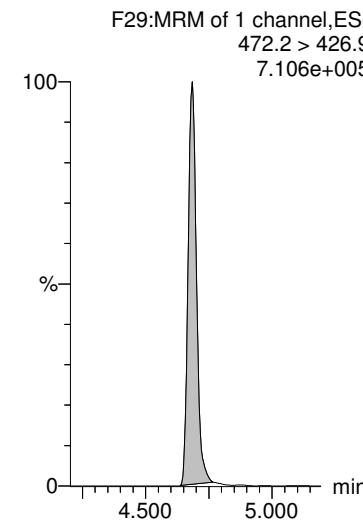
13C8-PFOS



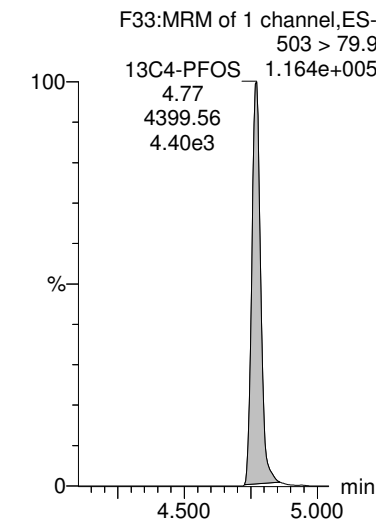
13C8-PFOA



13C9-PFNA



13C4-PFOS



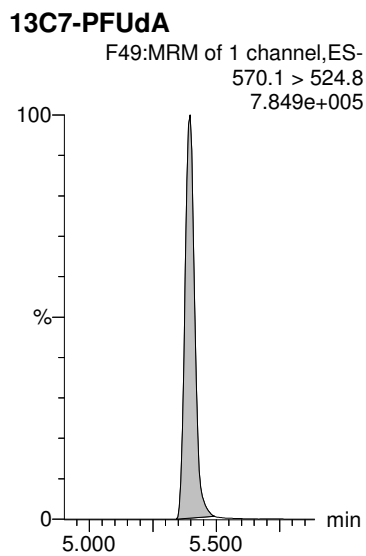
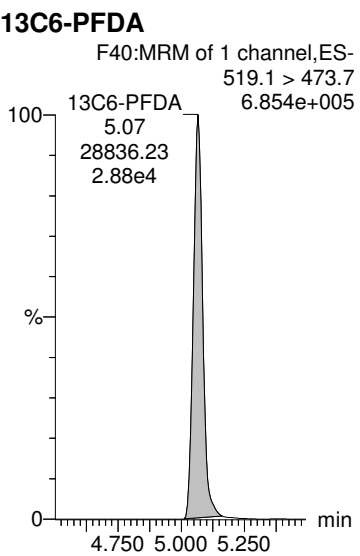
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-35.qld

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Name: 180825M1_35, Date: 25-Aug-2018, Time: 19:33:04, ID: 1802094-04 SA-PZ182I-20180726 0.24043, Description: SA-PZ182I-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-36.qld

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Name: 180825M1_36, Date: 25-Aug-2018, Time: 19:43:42, ID: 1802094-05 SA-PZ145I-20180726 0.25273, Description: SA-PZ145I-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	2.19e3	1.32e4	0.253	0.000	1.27	2.07	7.0310			
2	2 PFPeA	263.1 > 21...	1.05e4	1.93e4	0.253	0.000	2.27	6.79	28.0300			
3	3 PFBS	299.0 > 79.7		2.31e3	0.253							
4	5 PFHxA	313 > 269	1.26e4	1.21e4	0.253	0.000	3.08	5.21	21.7853		15.3	NO
5	7 PFHpA	363.0 > 31...	2.66e4	1.82e4	0.253	0.000	3.70	18.3	62.0686		23.5	NO
6	36 13C3-PFBA	216.1 > 17...	1.32e4	1.62e4	0.253	0.819	1.27	10.2	49.0471	99.2		
7	37 13C3-PFPeA	266. > 221.8	1.93e4	3.29e4	0.253	0.586	2.27	7.33	45.2901	91.6		
8	38 13C3-PFBS	302. > 98.8	2.31e3	3.29e4	0.253	0.0701	2.57	0.876	53.2285	107.6		
9	40 13C2-PFHxA	315 > 270	1.21e4	3.29e4	0.253	0.917	3.08	4.59	18.7537	94.8		
10	41 13C4-PFHpA	367.2 > 32...	1.82e4	3.29e4	0.253	0.552	3.70	6.90	46.6438	94.3		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	7.31e1	2.27e3	0.253	0.000	3.86	0.403	0.8930		3.83	YES
13	68 Total PFHxS	398.9 > 79.6	7.31e1	2.27e3	0.253			0.403	0.8930			
14	10 6:2 FTS	427.1 > 407	2.83e3	4.76e3	0.253	0.000	4.18	7.44	29.2165		2.98	NO
15	11 L-PFOA	412.8 > 36...	4.92e4	2.65e4	0.253	0.000	4.24	23.2	74.2126		3.17	NO
16	69 Total PFOA	412.8 > 36...	4.95e4	2.65e4	0.253			23.3	74.2271			
17	42 18O2-PFHxS	403.0 > 10...	2.27e3	4.46e3	0.253	0.508	3.86	6.35	48.5480	98.2		
18	42 18O2-PFHxS	403.0 > 10...	2.27e3	4.46e3	0.253	0.508	3.86	6.35	48.5480	98.2		
19	43 13C2-6:2 FTS	429.1 > 40...	4.76e3	3.59e4	0.253	0.133	4.18	1.66	49.0975	99.3		
20	44 13C2-PFOA	414.9 > 36...	2.65e4	3.59e4	0.253	0.740	4.24	9.25	42.4634	85.9		
21	44 13C2-PFOA	414.9 > 36...	2.65e4	3.59e4	0.253	0.740	4.24	9.25	42.4634	85.9		
22	-1											
23	13 PFHpS	449 > 80.0		4.95e3	0.253							
24	14 PFNA	463.0 > 41...	9.24e5	1.78e4	0.253	0.000	4.68	650	2073.1368	E	5.19	NO
25	15 PFOSA	497.9 > 77.9		2.37e3	0.253							
26	16 L-PFOS	498.9 > 79.9	5.33e2	4.95e3	0.253	0.000	4.77	1.35	5.3438		2.07	NO
27	70 Total PFOS	498.9 > 79.9	5.33e2	4.95e3	0.253			1.35	5.3438			
28	47 13C8-PFOS	507.0 > 79.9	4.95e3	4.89e3	0.253	1.01	4.77	12.7	47.1211	95.3		
29	45 13C5-PFNA	468.2 > 42...	1.78e4	2.27e4	0.253	0.783	4.68	9.78	40.3190	81.5		
30	46 13C8-PFOSA	506.1 > 77.7	2.37e3	3.52e4	0.253	0.0672	4.74	0.840	16.9815	34.3		
31	47 13C8-PFOS	507.0 > 79.9	4.95e3	4.89e3	0.253	1.01	4.77	12.7	47.1211	95.3		
32	47 13C8-PFOS	507.0 > 79.9	4.95e3	4.89e3	0.253	1.01	4.77	12.7	47.1211	95.3		
33	-1											
34	18 PFDA	513 > 468.8	1.50e4	2.37e4	0.253	0.000	5.07	7.93	25.4275		6.90	NO
35	19 8:2 FTS	527 > 506.9	5.12e2	3.02e3	0.253	0.000	5.03	2.12	5.7080		2.45	NO
36	21 L-MeFOSAA	570 > 419		5.07e3	0.253							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	5.07e3	0.253			0.000				

CGH 8/30/2018

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-36.qld

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Name: 180825M1_36, Date: 25-Aug-2018, Time: 19:43:42, ID: 1802094-05 SA-PZ145I-20180726 0.25273, Description: SA-PZ145I-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	1.34e5	2.20e4	0.253	0.000	5.40	76.3	322.1021		12.6	NO
39	48 13C2-PFDA	515.1 > 46...	2.37e4	3.40e4	0.253	0.696	5.07	8.69	36.4672	73.7		
40	49 13C2-8:2 FTS	529.1 > 50...	3.02e3	3.59e4	0.253	0.0842	5.04	1.05	39.7147	80.3		
41	50 d3-N-MeFOSAA	573.3 > 419	5.07e3	3.52e4	0.253	0.144	5.21	1.80	31.4193	63.5		
42	50 d3-N-MeFOSAA	573.3 > 419	5.07e3	3.52e4	0.253	0.144	5.21	1.80	31.4193	63.5		
43	51 13C2-PFUdA	565 > 519.8	2.20e4	3.52e4	0.253	0.623	5.40	7.79	30.5946	61.9		
44	-1											
45	23 L-EtFOSAA	584.1 > 419		5.47e3	0.253							
46	72 Total N-EtFOSAA	584.1 > 419	0.00e0	5.47e3	0.253			0.000				
47	26 PFDS	598.8 > 79.9		4.95e3	0.253							
48	27 PFDoA	612.9 > 56...		2.49e4	0.253							
49	29 PFTrDA	662.9 > 61...		2.49e4	0.253							
50	52 d5-N-EtFOSAA	589.3 > 419	5.47e3	3.52e4	0.253	0.155	5.37	1.94	31.1821	63.0		
51	52 d5-N-EtFOSAA	589.3 > 419	5.47e3	3.52e4	0.253	0.155	5.37	1.94	31.1821	63.0		
52	51 13C2-PFUdA	565 > 519.8	2.20e4	3.52e4	0.253	0.623	5.40	7.79	30.5946	61.9		
53	53 13C2-PFDoA	615.0 > 56...	2.49e4	3.40e4	0.253	0.731	5.68	9.14	31.6392	64.0		
54	53 13C2-PFDoA	615.0 > 56...	2.49e4	3.40e4	0.253	0.731	5.68	9.14	31.6392	64.0		
55	-1											
56	30 PFTeDA	712.8 > 66...		1.82e4	0.253							
57	73 TCDA	498.3>106.9			0.253							
58	60 13C4-PFBA	217. > 172	1.62e4	1.62e4	0.253	1.00	1.27	12.5	49.4599	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.29e4	3.29e4	0.253	1.00	3.07	12.5	49.4599	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.46e3	4.46e3	0.253	1.00	3.86	12.5	49.4599	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	1.82e4	3.52e4	0.253	0.518	6.15	6.47	35.4285	71.6		
62	47 13C8-PFOS	507.0 > 79.9	4.95e3	4.89e3	0.253	1.01	4.77	12.7	47.1211	95.3		
63	63 13C8-PFOA	420.9 > 376	3.59e4	3.59e4	0.253	1.00	4.24	12.5	49.4599	100.0		
64	64 13C9-PFNA	472.2 > 42...	2.27e4	2.27e4	0.253	1.00	4.68	12.5	49.4599	100.0		
65	65 13C4-PFOS	503 > 79.9	4.89e3	4.89e3	0.253	1.00	4.77	12.5	49.4599	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.40e4	3.40e4	0.253	1.00	5.07	12.5	49.4599	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.52e4	3.52e4	0.253	1.00	5.40	12.5	49.4599	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-36.qld

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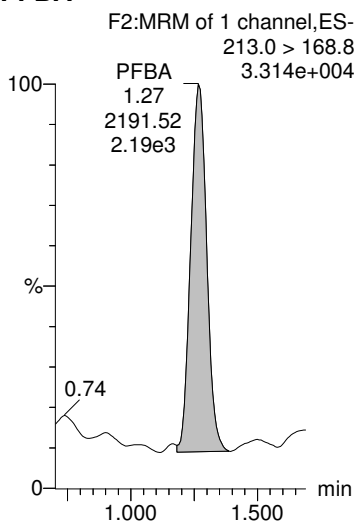
Printed: Thursday, August 30, 2018 14:29:31 Pacific Daylight Time

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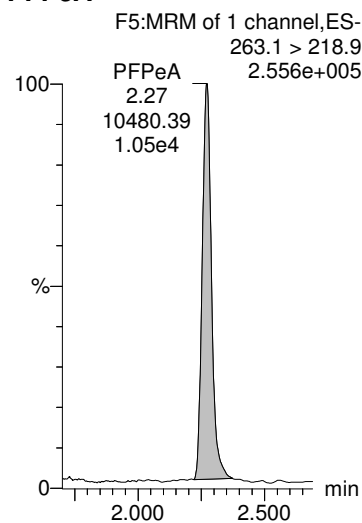
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Name: 180825M1_36, Date: 25-Aug-2018, Time: 19:43:42, ID: 1802094-05 SA-PZ145I-20180726 0.25273, Description: SA-PZ145I-20180726

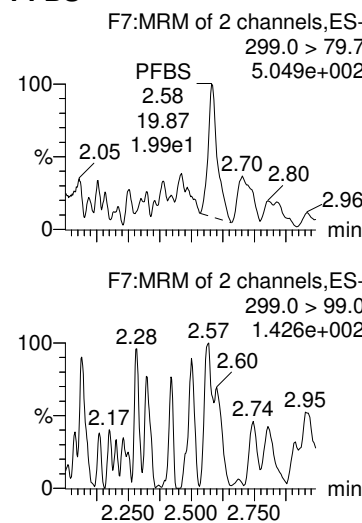
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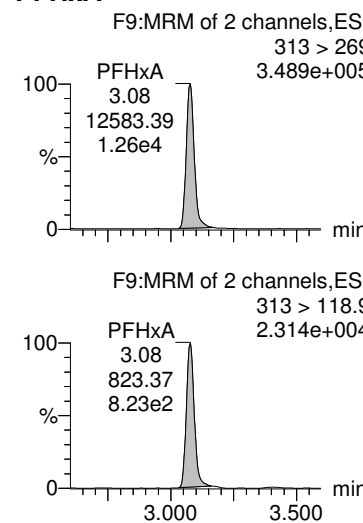
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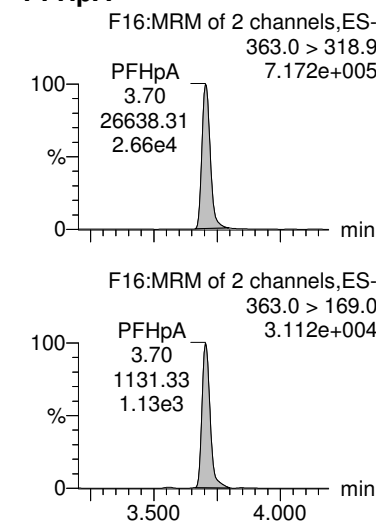
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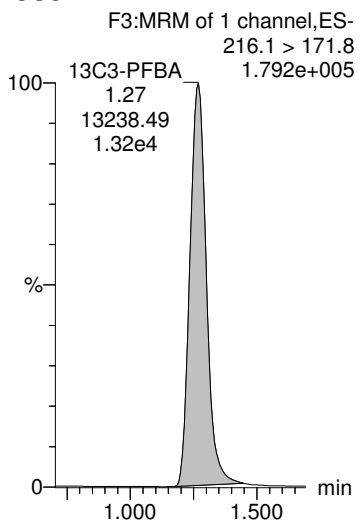
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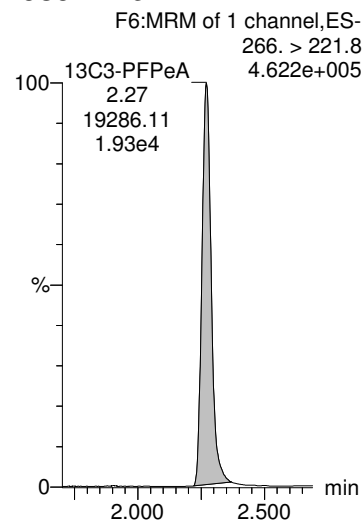
PFHpA



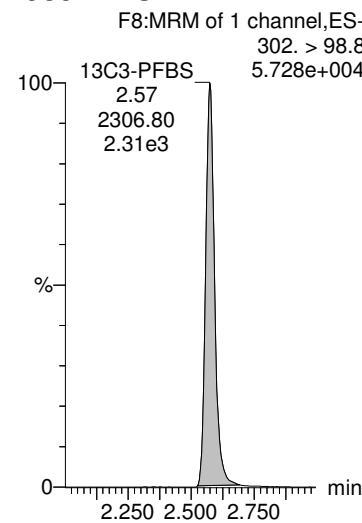
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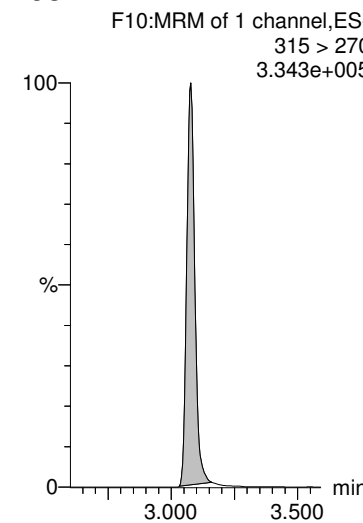
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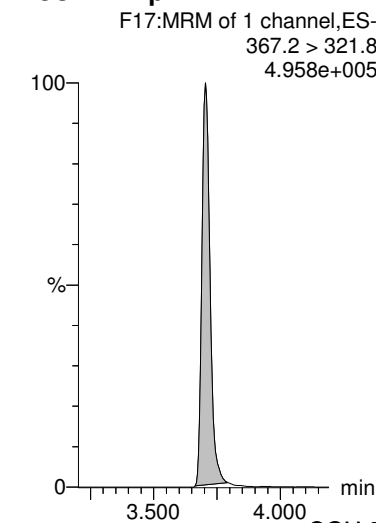
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13C2-PFHxA



13C4-PFHpA



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-36.qld

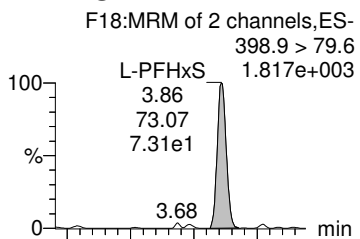
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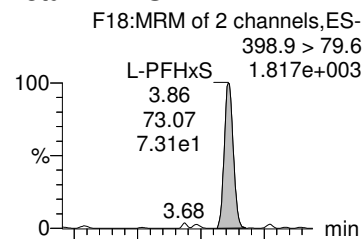
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Name: 180825M1_36, Date: 25-Aug-2018, Time: 19:43:42, ID: 1802094-05 SA-PZ145I-20180726 0.25273, Description: SA-PZ145I-20180726

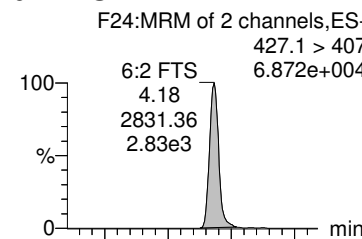
L-PFHxS



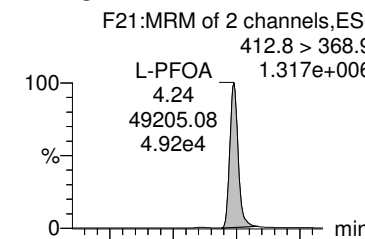
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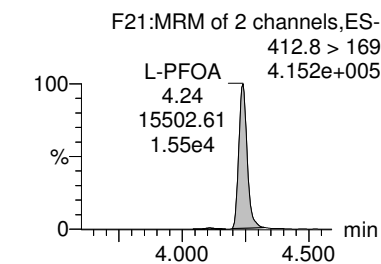
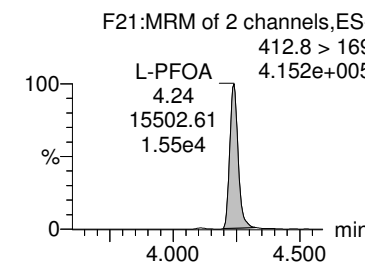
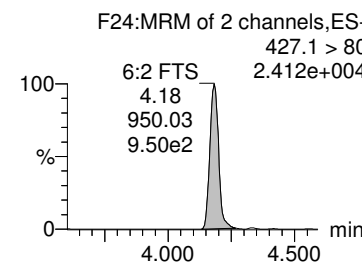
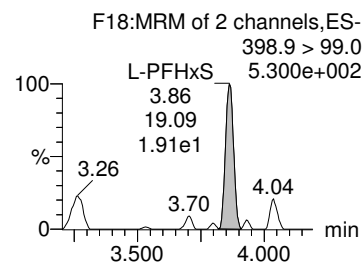
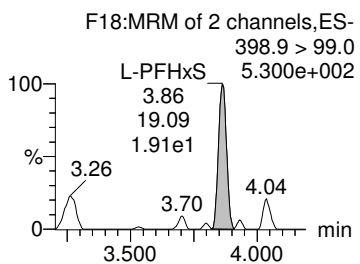
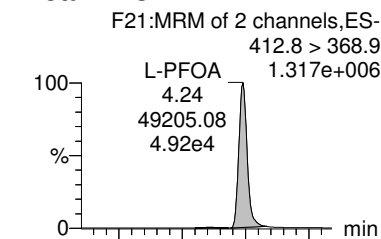
6:2 FTS



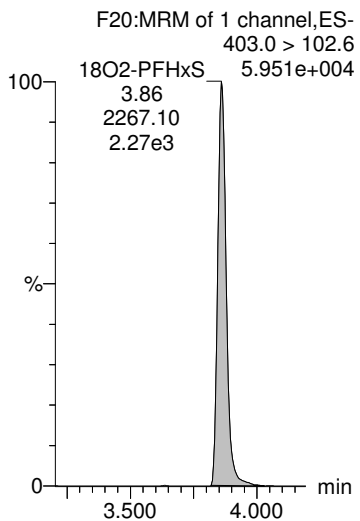
L-PFOA



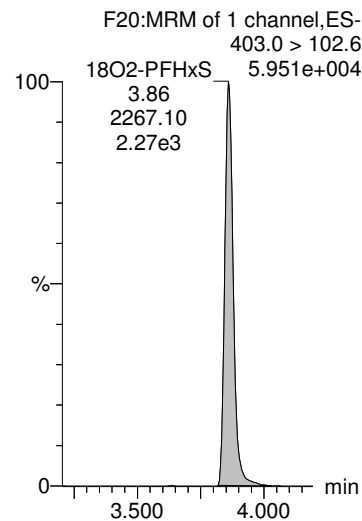
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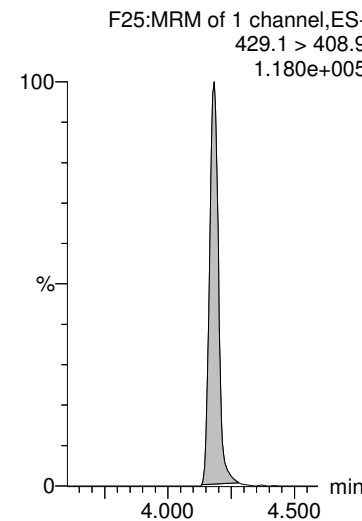
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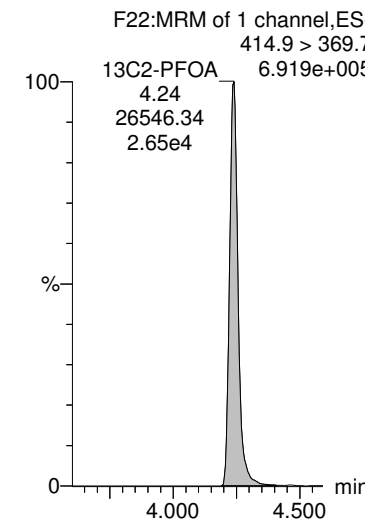
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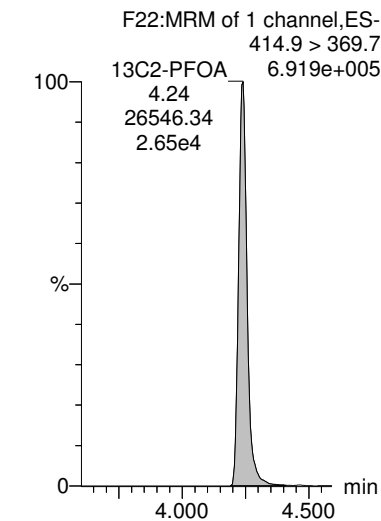
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



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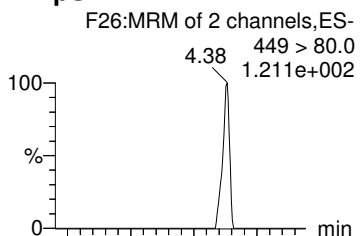
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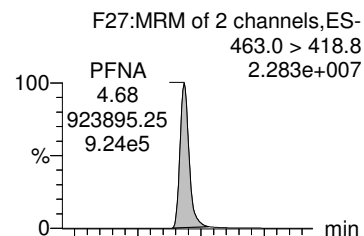
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Name: 180825M1_36, Date: 25-Aug-2018, Time: 19:43:42, ID: 1802094-05 SA-PZ145I-20180726 0.25273, Description: SA-PZ145I-20180726

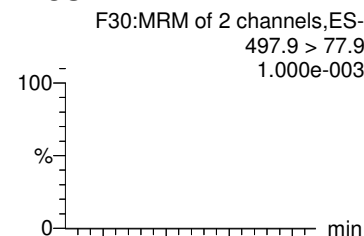
PFHpS



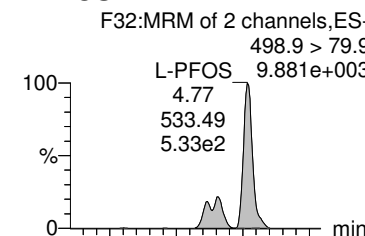
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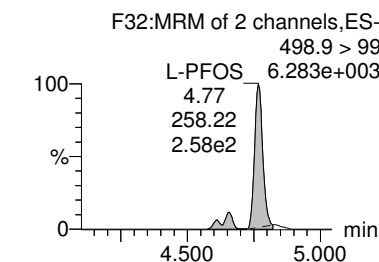
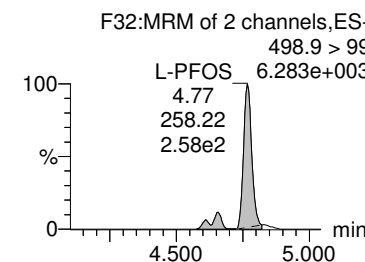
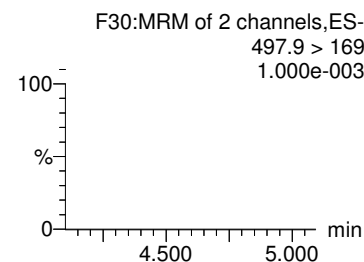
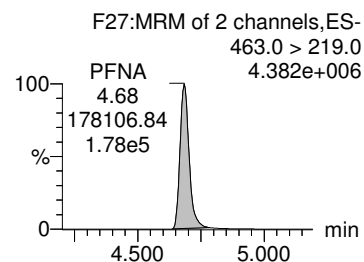
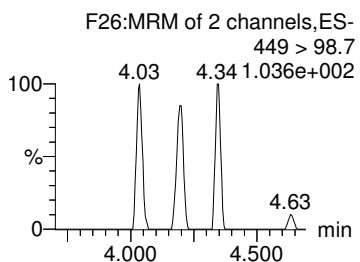
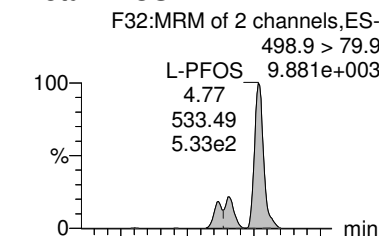
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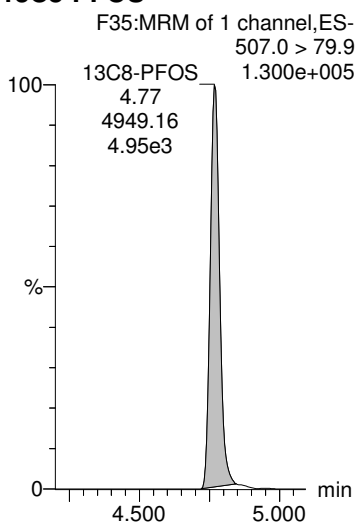
L-PFOS



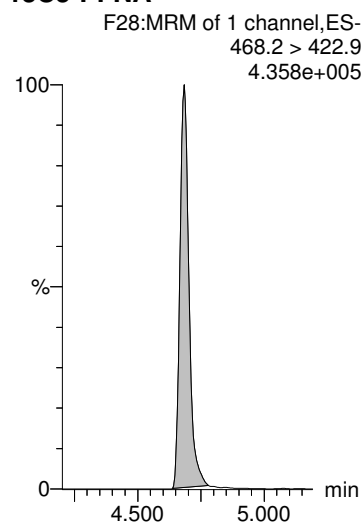
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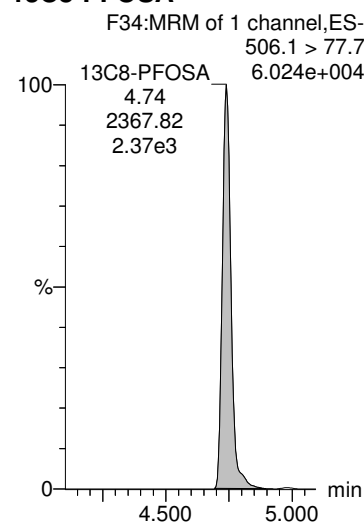
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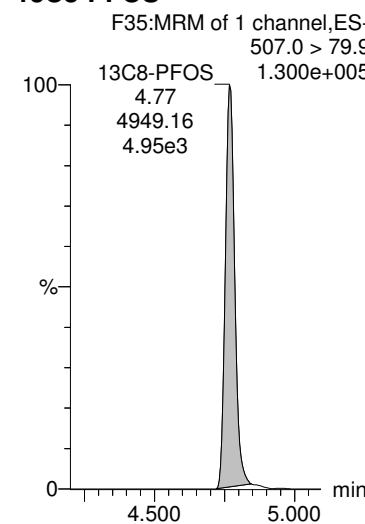
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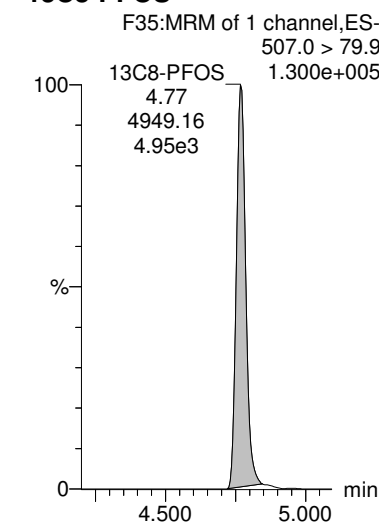
13C8-PFOSA



13C8-PFOS



13C8-PFOS



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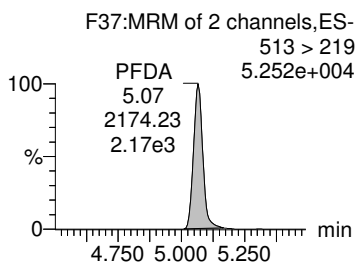
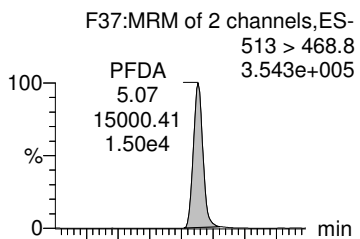
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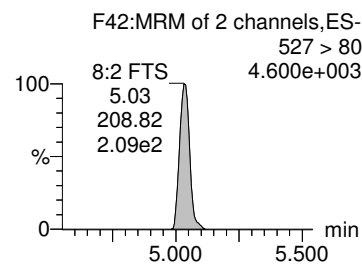
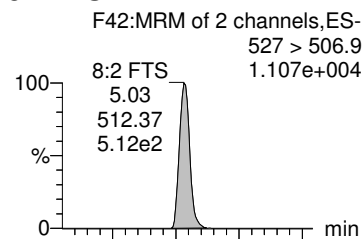
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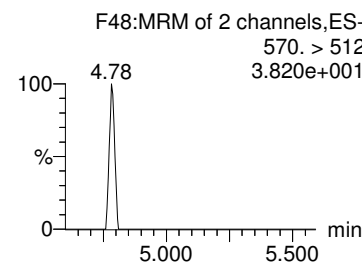
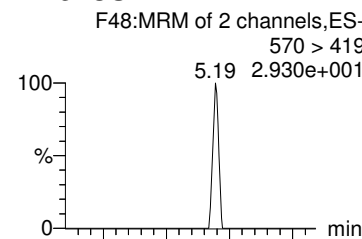
PFDA



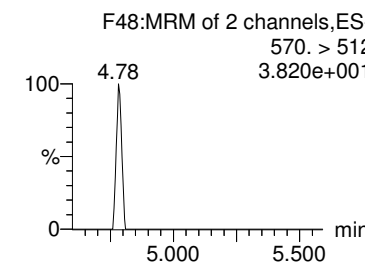
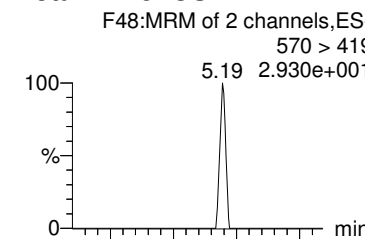
8:2 FTS



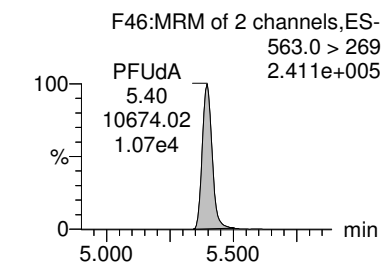
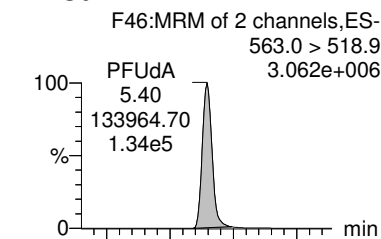
L-MeFOSAA



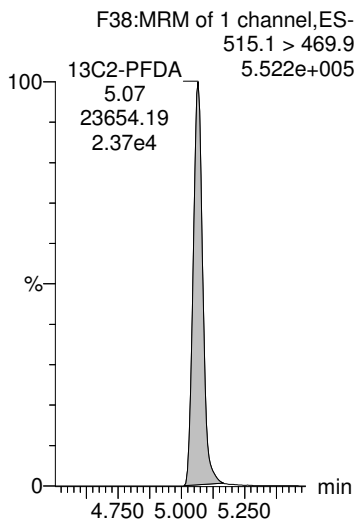
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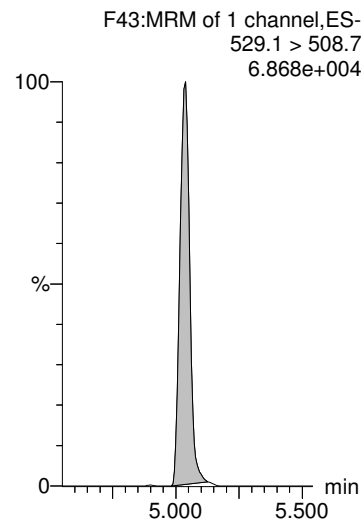
PFUdA



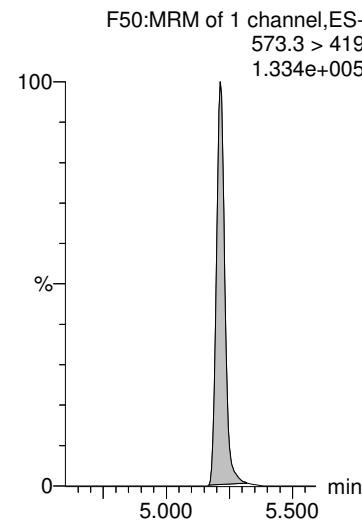
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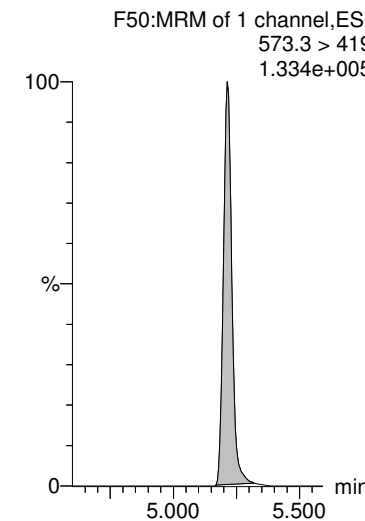
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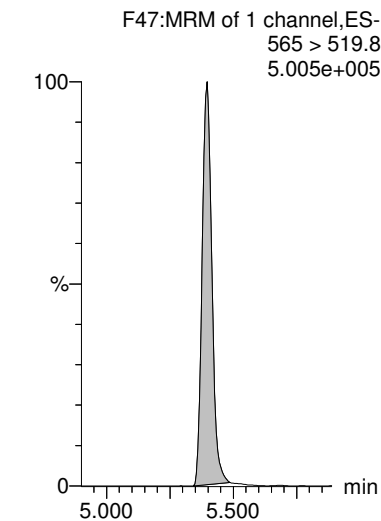
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



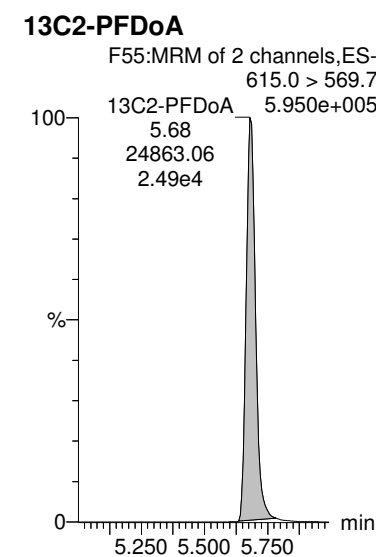
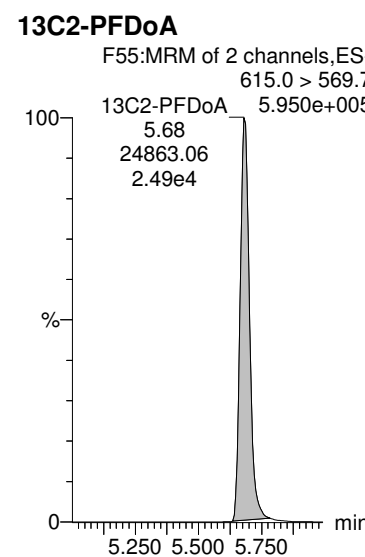
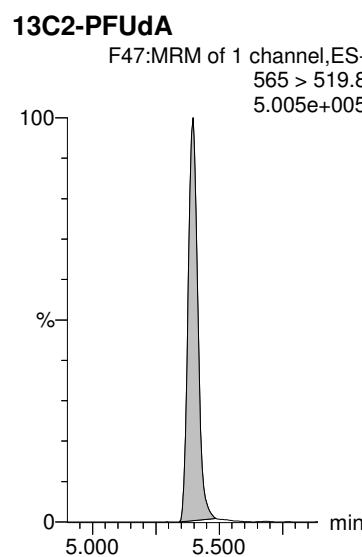
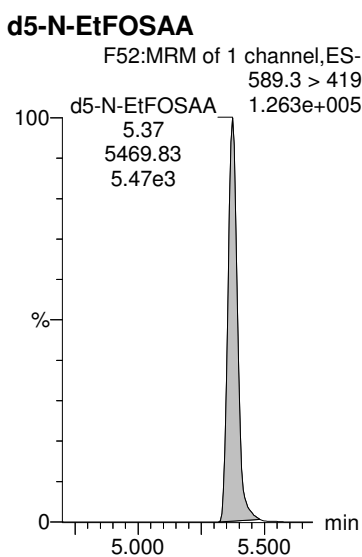
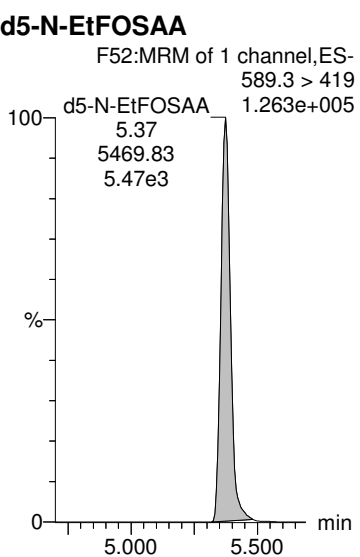
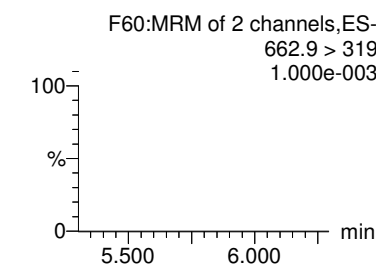
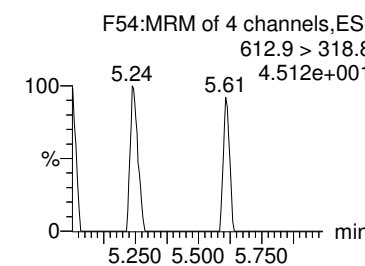
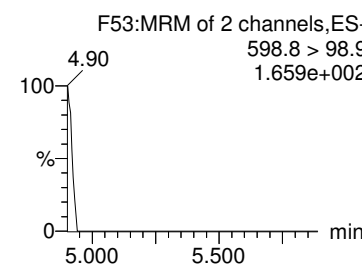
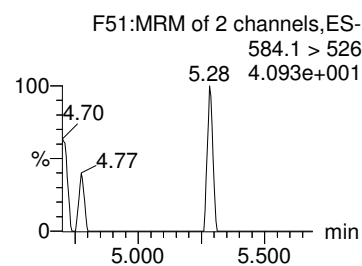
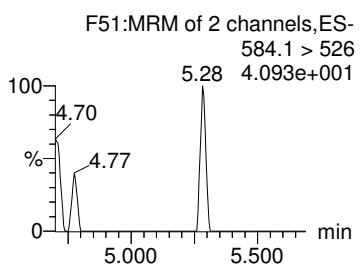
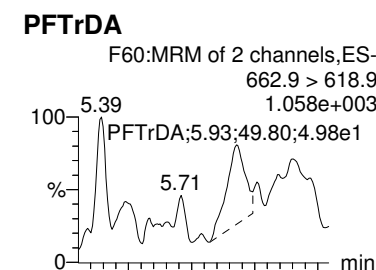
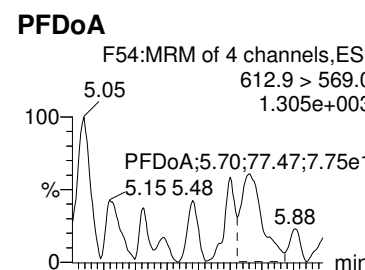
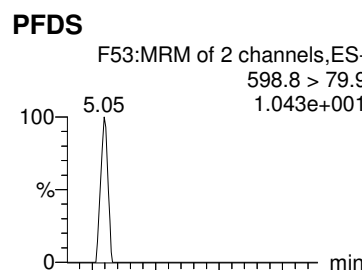
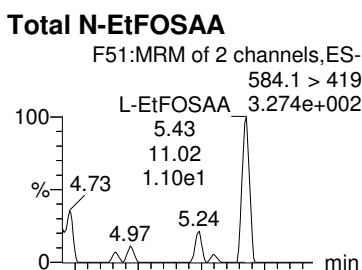
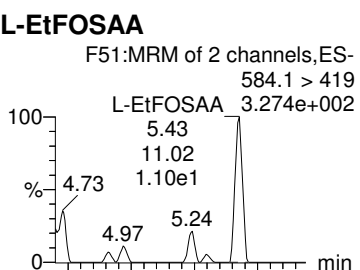
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MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 14:29:02 Pacific Daylight Time

Printed: Thursday, August 30, 2018 14:29:31 Pacific Daylight Time

Name: 180825M1_36, Date: 25-Aug-2018, Time: 19:43:42, ID: 1802094-05 SA-PZ145I-20180726 0.25273, Description: SA-PZ145I-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-36.qld

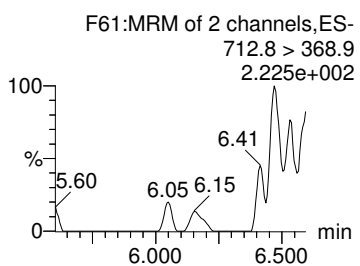
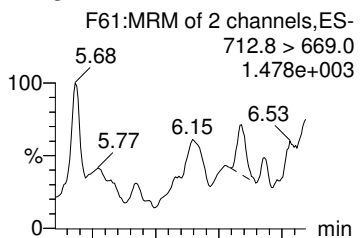
MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 14:29:02 Pacific Daylight Time

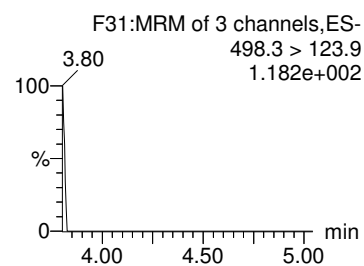
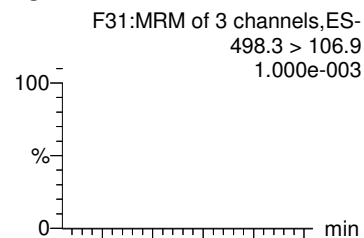
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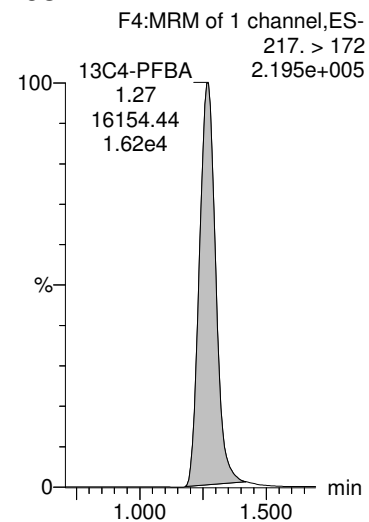
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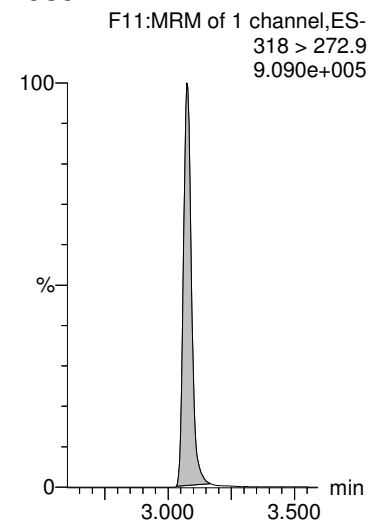
TCDA



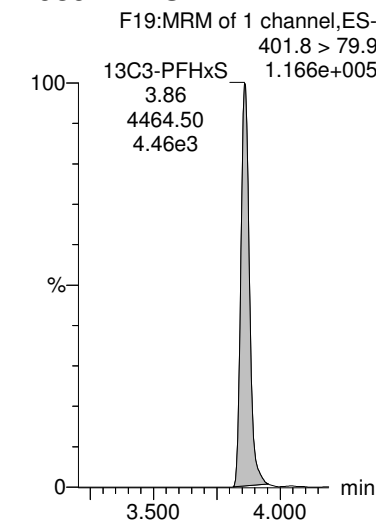
13C4-PFBA



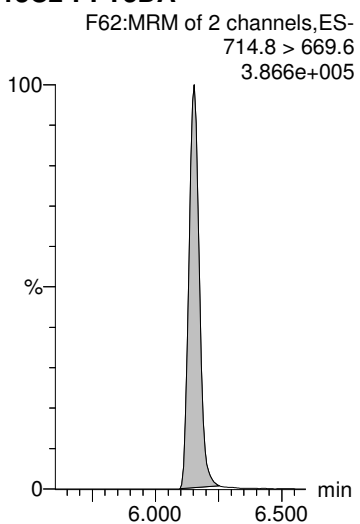
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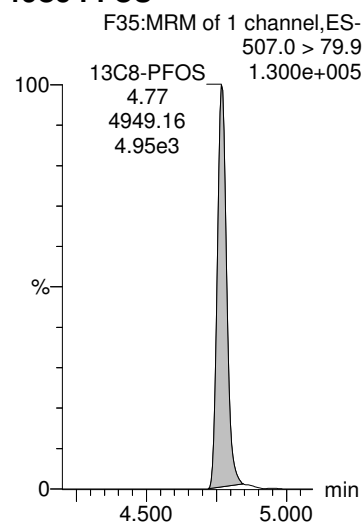
13C3-PFHxS



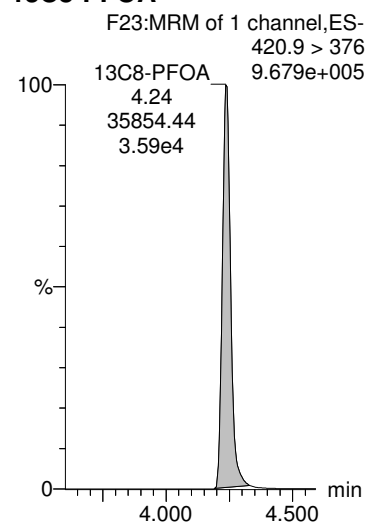
13C2-PFTeDA



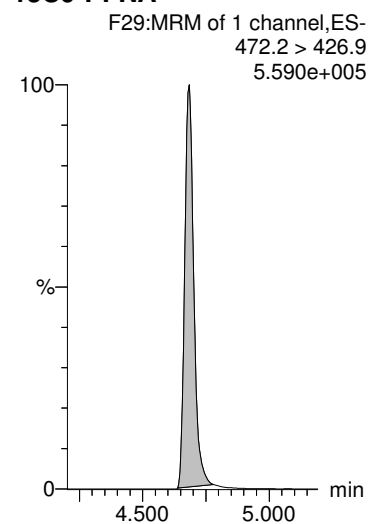
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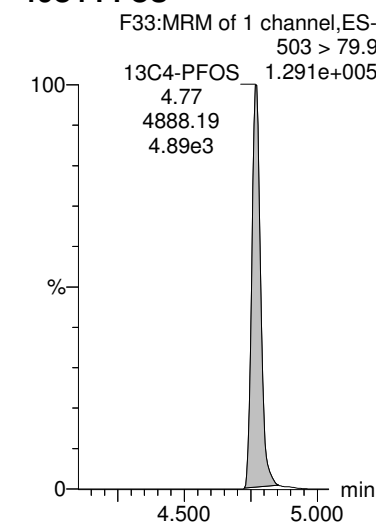
13C8-PFOA



13C9-PFNA



13C4-PFOS



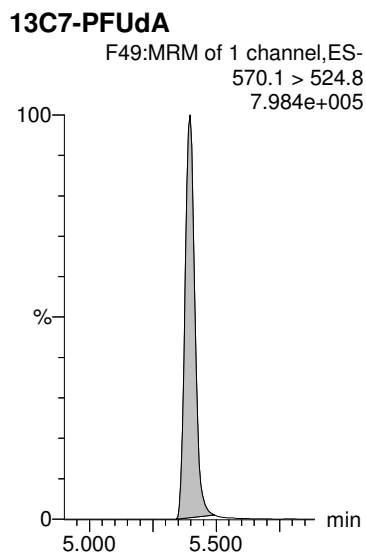
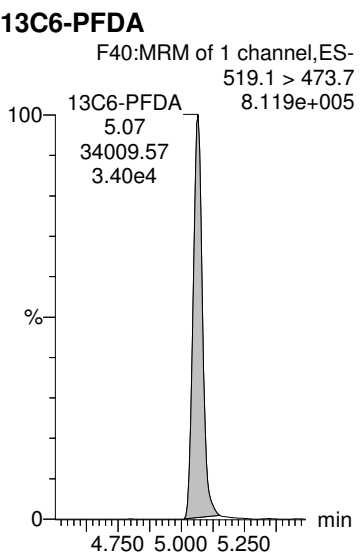
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Last Altered: Thursday, August 30, 2018 14:29:02 Pacific Daylight Time

Printed: Thursday, August 30, 2018 14:29:31 Pacific Daylight Time

Name: 180825M1_36, Date: 25-Aug-2018, Time: 19:43:42, ID: 1802094-05 SA-PZ145I-20180726 0.25273, Description: SA-PZ145I-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-20.qld

Last Altered: Thursday, August 30, 2018 15:46:43 Pacific Daylight Time

Printed: Thursday, August 30, 2018 15:48:09 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 27 Aug 2018 10:30:44

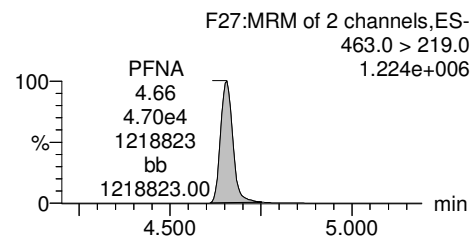
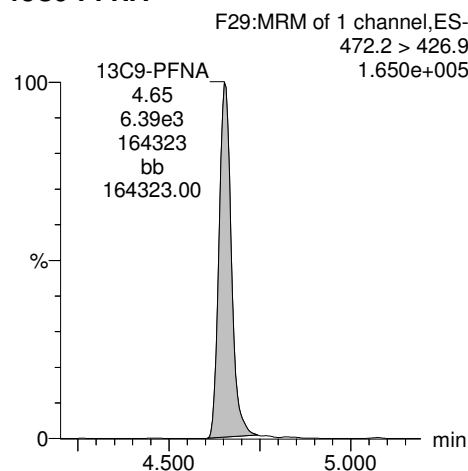
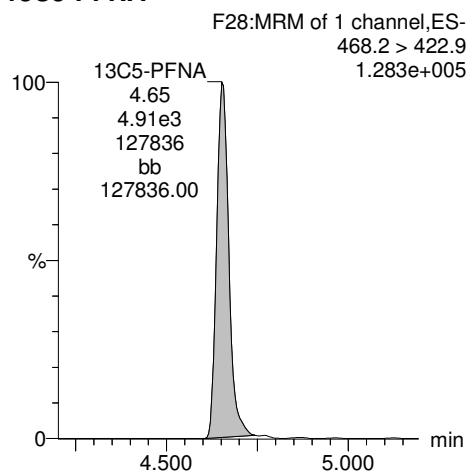
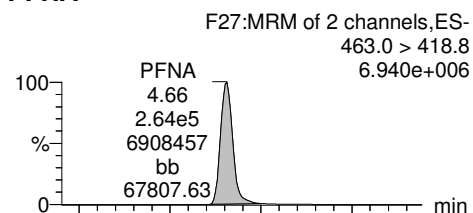
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Name: 180826M1_20, Date: 26-Aug-2018, Time: 17:34:26, ID: 1802094-05@5X SA-PZ145I-20180726 0.25273, Description: SA-PZ145I-20180726

PFNA

13C5-PFNA

13C9-PFNA



#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	14 PFNA	463.0 > 418.8	2.64e5	4.91e3	0.253	0.000	4.94	4.66	671	2136.2666		5.619	NO
2	45 13C5-PFNA	468.2 > 422.9	4.91e3	6.39e3	0.253	0.769	4.94	4.65	9.61	39.6023	80.1		
3	64 13C9-PFNA	472.2 > 426.9	6.39e3	6.39e3	0.253	1.00	4.94	4.65	12.5	49.4599	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-18.qld

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Last Altered: Thursday, August 30, 2018 15:44:18 Pacific Daylight Time

Printed: Thursday, August 30, 2018 15:44:52 Pacific Daylight Time

Name: 180826M1_18, Date: 26-Aug-2018, Time: 17:13:16, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	1.75e3	1.38e4	0.248	0.000	1.24	1.58	5.4710			
2	2 PFPeA	263.1 > 21...	5.71e3	2.10e4	0.248	0.000	2.24	3.40	14.1758			
3	3 PFBS	299.0 > 79.7	3.02e1	2.40e3	0.248	0.000	2.54	0.157	0.2486		2.47	NO
4	5 PFHxA	313 > 269	8.51e3	1.23e4	0.248	0.000	3.05	3.47	14.7098		14.8	NO
5	7 PFHpA	363.0 > 31...	1.21e4	1.94e4	0.248	0.000	3.68	7.79	26.7878		26.1	NO
6	36 13C3-PFBA	216.1 > 17...	1.38e4	1.72e4	0.248	0.806	1.24	10.1	49.1365	97.5		
7	37 13C3-PFPeA	266. > 221.8	2.10e4	3.39e4	0.248	0.619	2.24	7.74	48.7386	96.7		
8	38 13C3-PFBS	302. > 98.8	2.40e3	3.39e4	0.248	0.0709	2.54	0.886	54.8347	108.8		
9	40 13C2-PFHxA	315 > 270	1.23e4	3.39e4	0.248	0.905	3.04	4.52	18.8466	93.5		
10	41 13C4-PFHpA	367.2 > 32...	1.94e4	3.39e4	0.248	0.572	3.68	7.15	49.2762	97.8		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	4.97e2	1.92e3	0.248	0.000	3.83	3.23	7.5122		1.80	NO
13	68 Total PFHxS	398.9 > 79.6	4.97e2	1.92e3	0.248			3.23	7.5122			
14	10 6:2 FTS	427.1 > 407	1.09e3	3.73e3	0.248	0.000	4.15	3.65	14.3899		2.63	NO
15	11 L-PFOA	412.8 > 36...	4.06e4	2.58e4	0.248	0.000	4.21	19.7	64.0913		3.29	NO
16	69 Total PFOA	412.8 > 36...	4.08e4	2.58e4	0.248			19.7	64.0913			
17	42 18O2-PFHxS	403.0 > 10...	1.92e3	4.55e3	0.248	0.423	3.83	5.29	41.1852	81.7		
18	42 18O2-PFHxS	403.0 > 10...	1.92e3	4.55e3	0.248	0.423	3.83	5.29	41.1852	81.7		
19	43 13C2-6:2 FTS	429.1 > 40...	3.73e3	3.85e4	0.248	0.0969	4.15	1.21	36.5565	72.5		
20	44 13C2-PFOA	414.9 > 36...	2.58e4	3.85e4	0.248	0.670	4.21	8.38	39.1606	77.7		
21	44 13C2-PFOA	414.9 > 36...	2.58e4	3.85e4	0.248	0.670	4.21	8.38	39.1606	77.7		
22	-1											
23	13 PFHpS	449 > 80.0	3.23e1	3.67e3	0.248	0.000	4.33	0.110	0.0501		0.728	YES
24	14 PFNA	463.0 > 41...	9.45e5	1.69e4	0.248	0.000	4.65	698	2259.2623 E		5.36	NO
25	15 PFOSA	497.9 > 77.9		1.50e3	0.248							
26	16 L-PFOS	498.9 > 79.9	4.29e2	3.67e3	0.248	0.000	4.74	1.46	5.9289		2.47	NO
27	70 Total PFOS	498.9 > 79.9	4.29e2	3.67e3	0.248			1.46	5.9289			
28	47 13C8-PFOS	507.0 > 79.9	3.67e3	4.49e3	0.248	0.817	4.74	10.2	38.7221	76.8		
29	45 13C5-PFNA	468.2 > 42...	1.69e4	2.44e4	0.248	0.694	4.65	8.68	36.4378	72.3		
30	46 13C8-PFOSA	506.1 > 77.7	1.50e3	3.59e4	0.248	0.0418	4.71	0.523	10.7615	21.4		
31	47 13C8-PFOS	507.0 > 79.9	3.67e3	4.49e3	0.248	0.817	4.74	10.2	38.7221	76.8		
32	47 13C8-PFOS	507.0 > 79.9	3.67e3	4.49e3	0.248	0.817	4.74	10.2	38.7221	76.8		
33	-1											
34	18 PFDA	513 > 468.8	2.02e4	1.79e4	0.248	0.000	5.04	14.1	46.4302		7.28	NO
35	19 8:2 FTS	527 > 506.9	4.89e2	2.20e3	0.248	0.000	5.00	2.78	7.7078		2.28	NO
36	21 L-MeFOSAA	570 > 419		3.57e3	0.248							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	3.57e3	0.248			0.000				

CGH 8/30/2018

Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-18.qld

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Last Altered: Thursday, August 30, 2018 15:44:18 Pacific Daylight Time

Printed: Thursday, August 30, 2018 15:44:52 Pacific Daylight Time

Name: 180826M1_18, Date: 26-Aug-2018, Time: 17:13:16, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	5.36e4	1.80e4	0.248	0.000	5.37	37.3	160.0595		12.8	NO
39	48 13C2-PFDA	515.1 > 46...	1.79e4	3.25e4	0.248	0.549	5.04	6.86	29.3114	58.2		
40	49 13C2-8:2 FTS	529.1 > 50...	2.20e3	3.85e4	0.248	0.0571	5.01	0.714	27.4485	54.5		
41	50 d3-N-MeFOSAA	573.3 > 419	3.57e3	3.59e4	0.248	0.0994	5.18	1.24	22.1113	43.9		
42	50 d3-N-MeFOSAA	573.3 > 419	3.57e3	3.59e4	0.248	0.0994	5.18	1.24	22.1113	43.9		
43	51 13C2-PFUdA	565 > 519.8	1.80e4	3.59e4	0.248	0.502	5.37	6.27	25.0773	49.8		
44	-1											
45	23 L-EtFOSAA	584.1 > 419		3.94e3	0.248							
46	72 Total N-EtFOSAA	584.1 > 419	0.00e0	3.94e3	0.248			0.000				
47	26 PFDS	598.8 > 79.9		3.67e3	0.248							
48	27 PFDoA	612.9 > 56...		1.92e4	0.248							
49	29 PFTrDA	662.9 > 61...		1.92e4	0.248							
50	52 d5-N-EtFOSAA	589.3 > 419	3.94e3	3.59e4	0.248	0.110	5.34	1.37	22.4755	44.6		
51	52 d5-N-EtFOSAA	589.3 > 419	3.94e3	3.59e4	0.248	0.110	5.34	1.37	22.4755	44.6		
52	51 13C2-PFUdA	565 > 519.8	1.80e4	3.59e4	0.248	0.502	5.37	6.27	25.0773	49.8		
53	53 13C2-PFDoA	615.0 > 56...	1.92e4	3.25e4	0.248	0.591	5.65	7.39	26.0669	51.7		
54	53 13C2-PFDoA	615.0 > 56...	1.92e4	3.25e4	0.248	0.591	5.65	7.39	26.0669	51.7		
55	-1											
56	30 PFTeDA	712.8 > 66...		1.61e4	0.248							
57	73 TCDA	498.3>106.9			0.248							
58	60 13C4-PFBA	217. > 172	1.72e4	1.72e4	0.248	1.00	1.24	12.5	50.3931	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.39e4	3.39e4	0.248	1.00	3.05	12.5	50.3931	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.55e3	4.55e3	0.248	1.00	3.83	12.5	50.3931	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	1.61e4	3.59e4	0.248	0.450	6.13	5.62	31.3585	62.2		
62	47 13C8-PFOS	507.0 > 79.9	3.67e3	4.49e3	0.248	0.817	4.74	10.2	38.7221	76.8		
63	63 13C8-PFOA	420.9 > 376	3.85e4	3.85e4	0.248	1.00	4.21	12.5	50.3931	100.0		
64	64 13C9-PFNA	472.2 > 42...	2.44e4	2.44e4	0.248	1.00	4.65	12.5	50.3931	100.0		
65	65 13C4-PFOS	503 > 79.9	4.49e3	4.49e3	0.248	1.00	4.74	12.5	50.3931	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.25e4	3.25e4	0.248	1.00	5.04	12.5	50.3931	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.59e4	3.59e4	0.248	1.00	5.37	12.5	50.3931	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-18.qld

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Last Altered: Thursday, August 30, 2018 15:44:18 Pacific Daylight Time

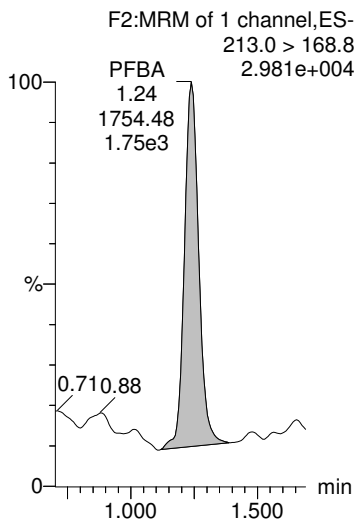
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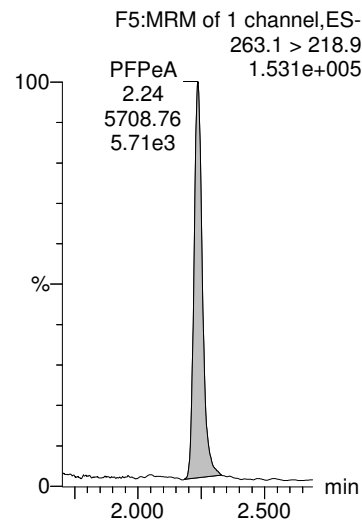
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Name: 180826M1_18, Date: 26-Aug-2018, Time: 17:13:16, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

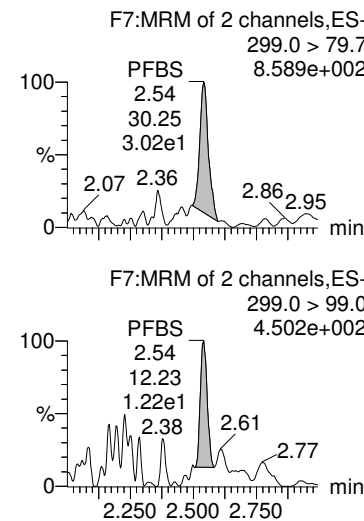
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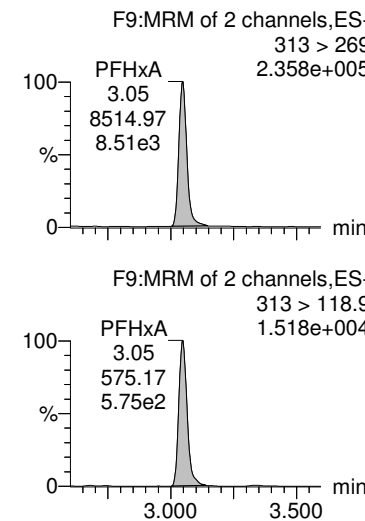
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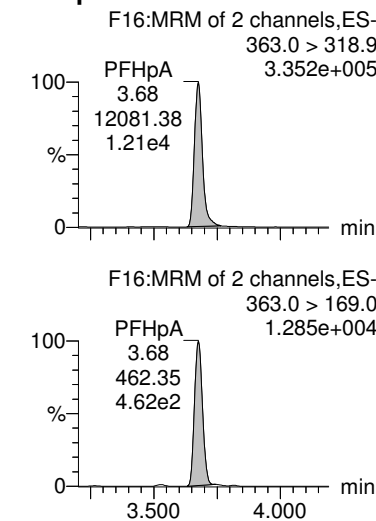
PFBS



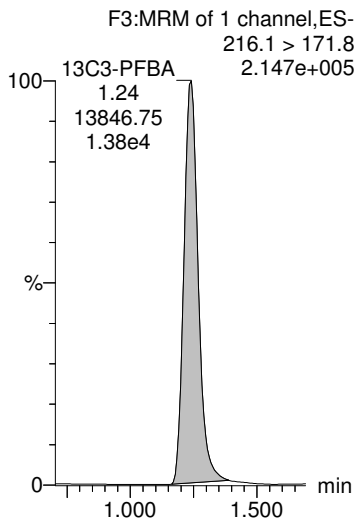
PFHxA



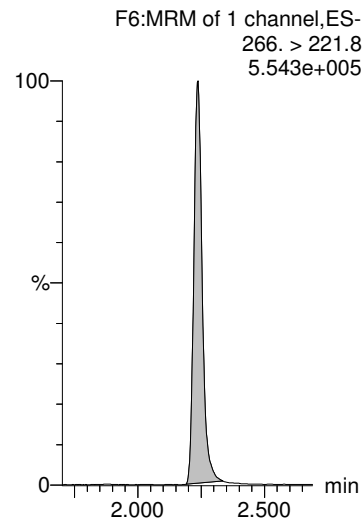
PFHpA



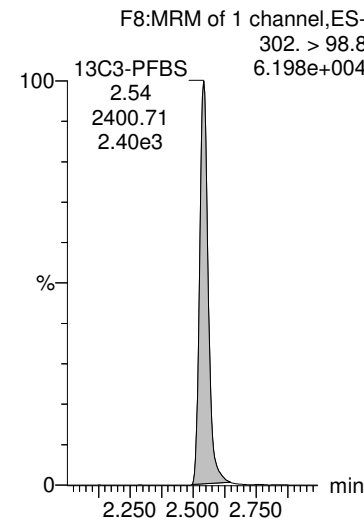
13C3-PFBA



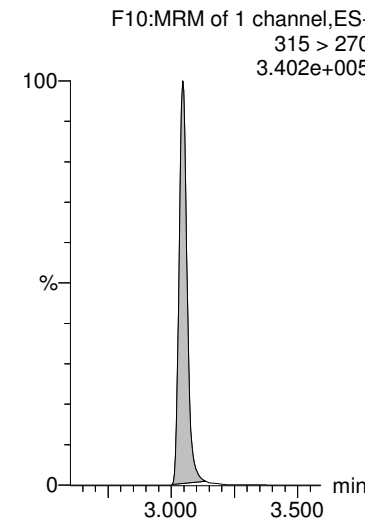
13C3-PFPeA



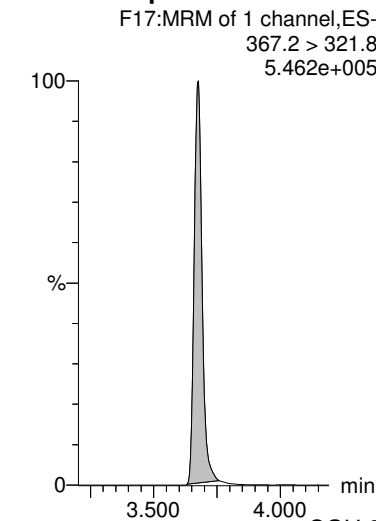
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-18.qld

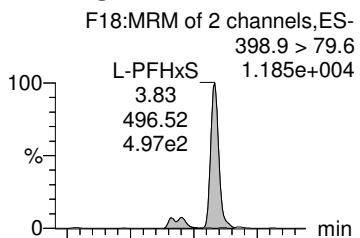
MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 15:44:18 Pacific Daylight Time

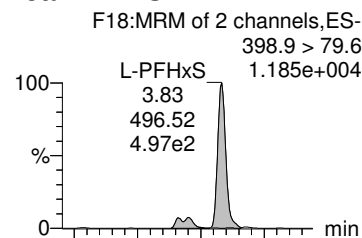
Printed: Thursday, August 30, 2018 15:44:52 Pacific Daylight Time

Name: 180826M1_18, Date: 26-Aug-2018, Time: 17:13:16, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

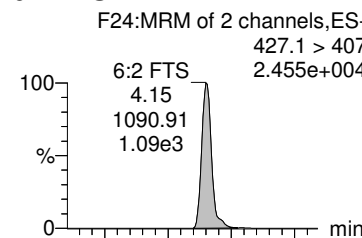
L-PFHxS



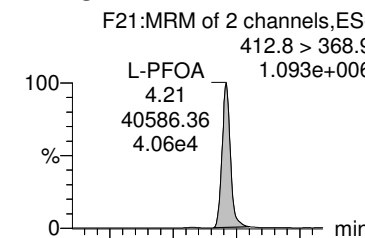
Total PFHxS



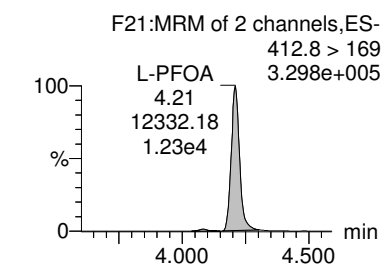
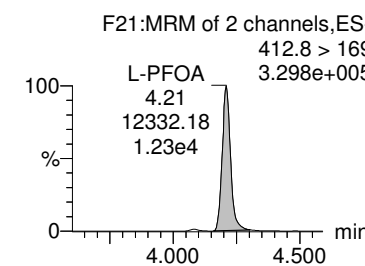
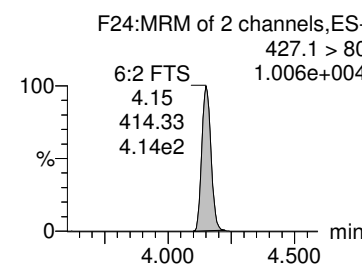
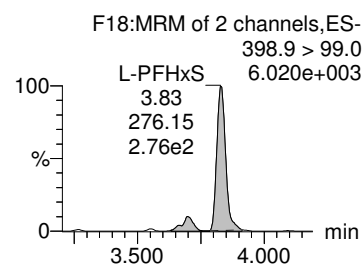
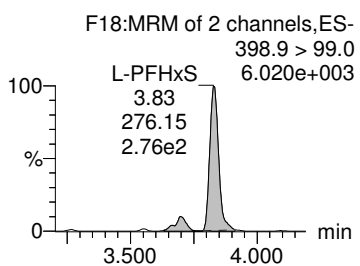
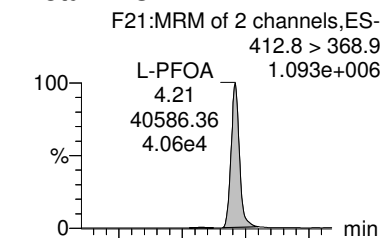
6:2 FTS



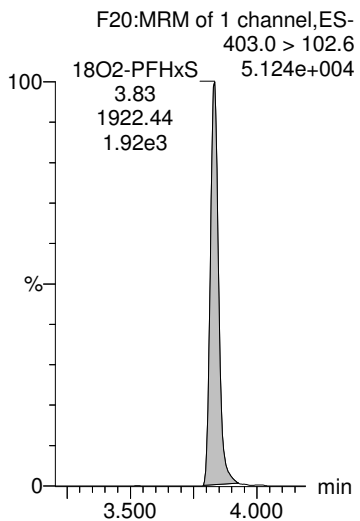
L-PFOA



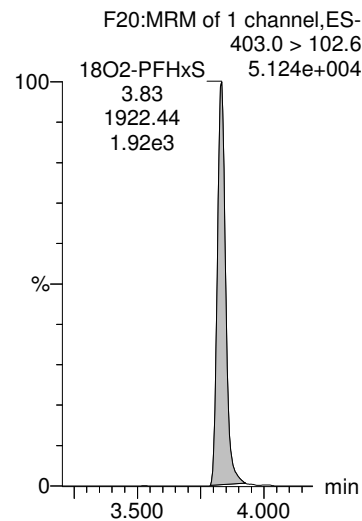
Total PFOA



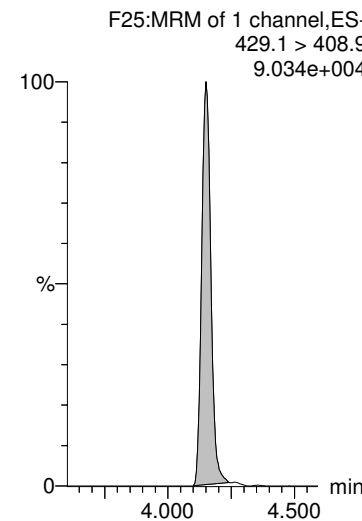
18O2-PFHxS



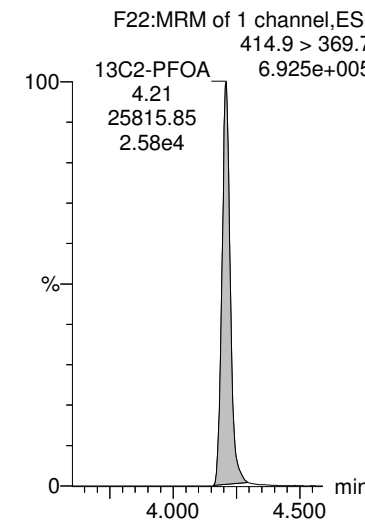
18O2-PFHxS



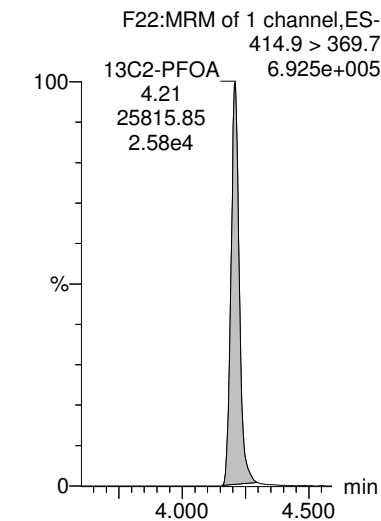
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



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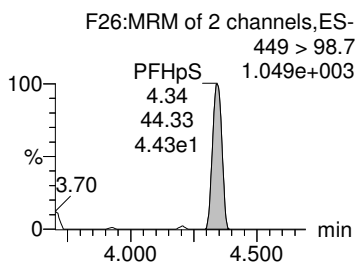
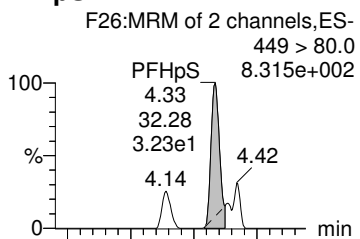
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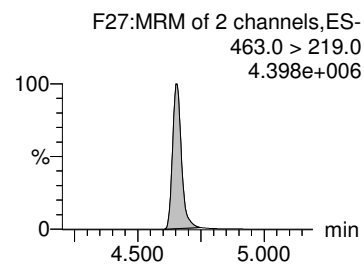
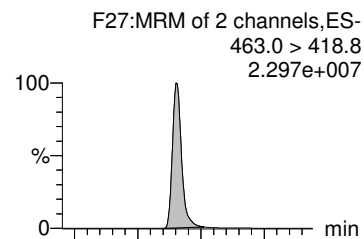
Printed: Thursday, August 30, 2018 15:44:52 Pacific Daylight Time

Name: 180826M1_18, Date: 26-Aug-2018, Time: 17:13:16, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

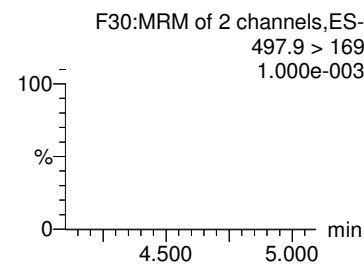
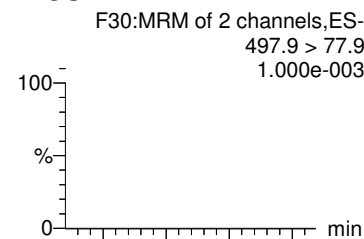
PFHpS



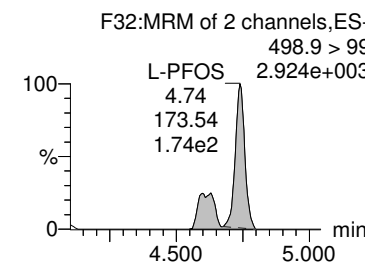
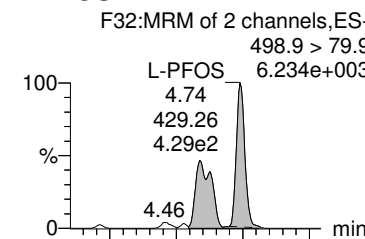
PFNA



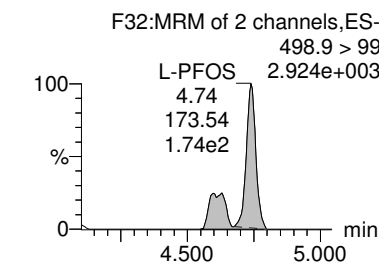
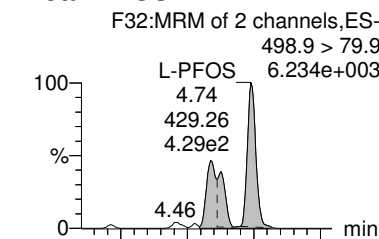
PFOSA



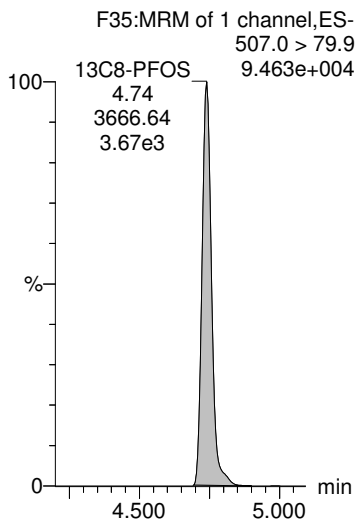
L-PFOS



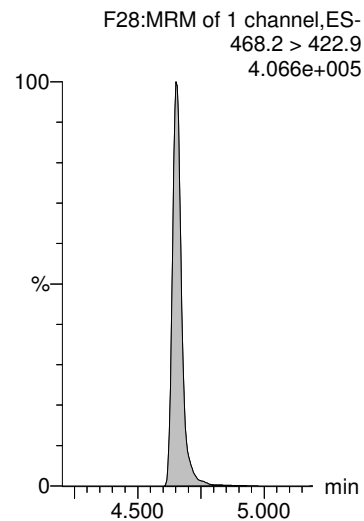
Total PFOS



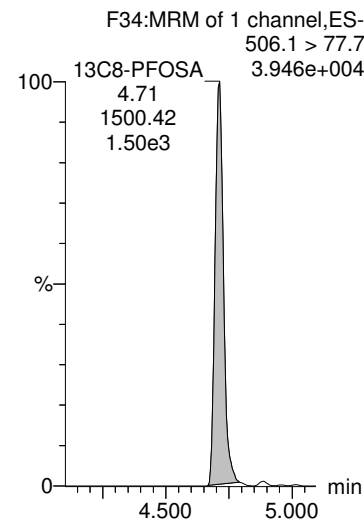
13C8-PFOS



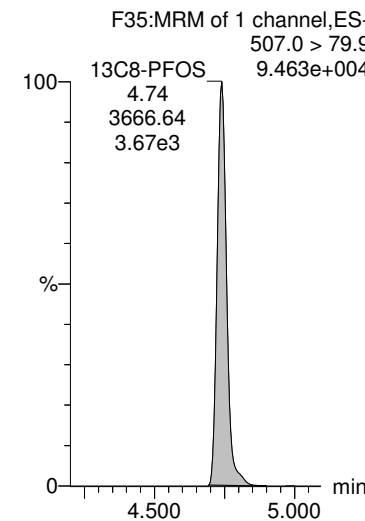
13C5-PFNA



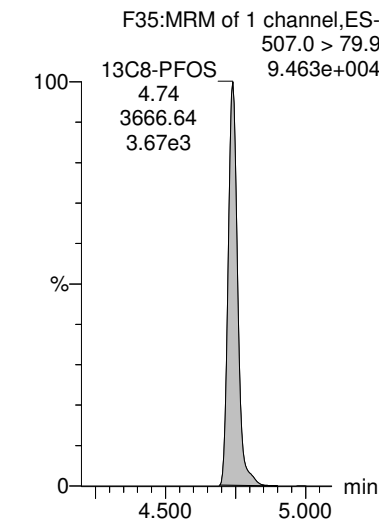
13C8-PFOSA



13C8-PFOS



13C8-PFOS



Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-18.qld

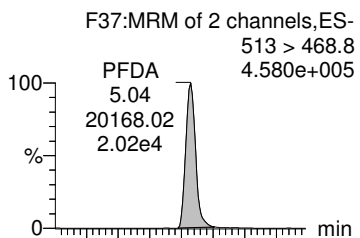
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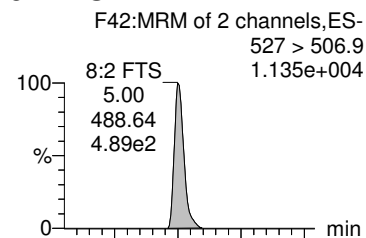
Printed: Thursday, August 30, 2018 15:44:52 Pacific Daylight Time

Name: 180826M1_18, Date: 26-Aug-2018, Time: 17:13:16, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

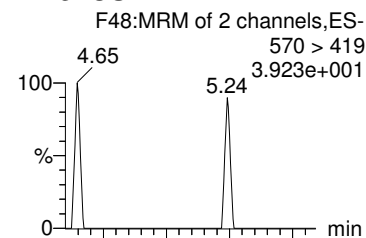
PFDA



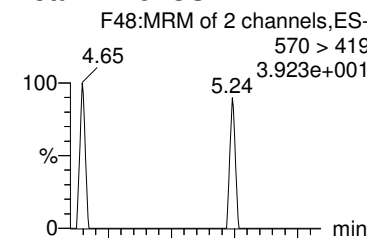
8:2 FTS



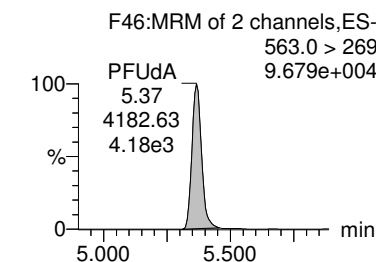
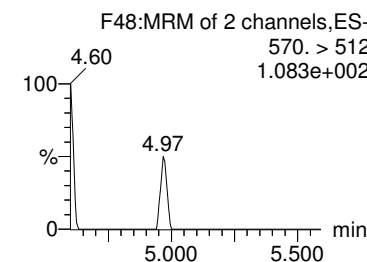
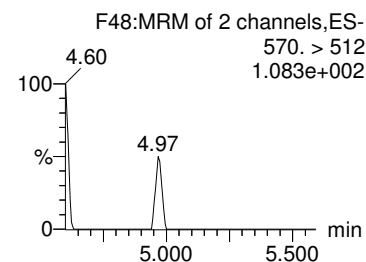
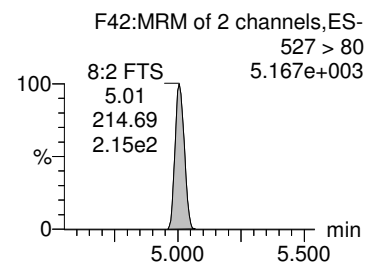
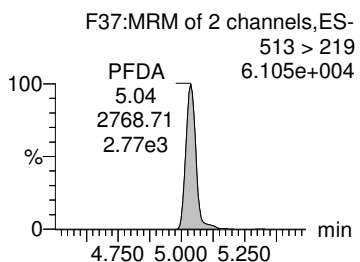
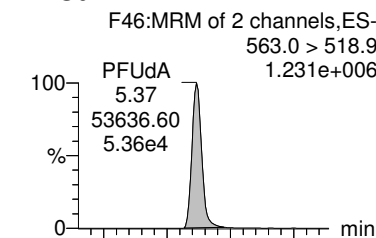
L-MeFOSAA



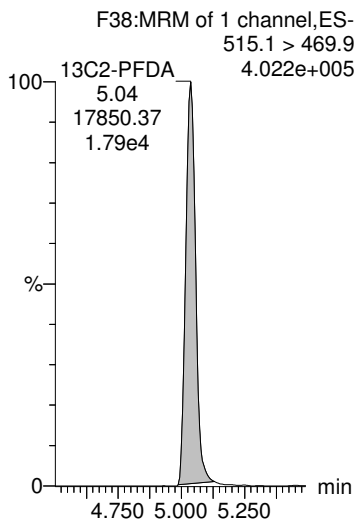
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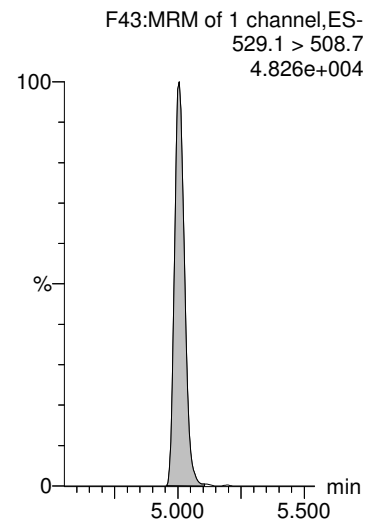
PFUdA



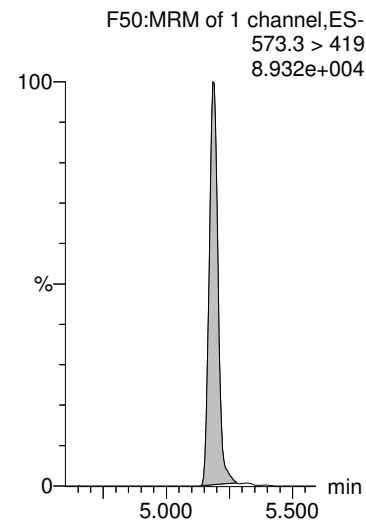
13C2-PFDA



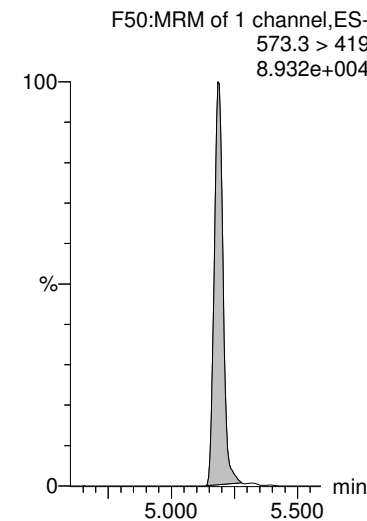
13C2-8:2 FTS



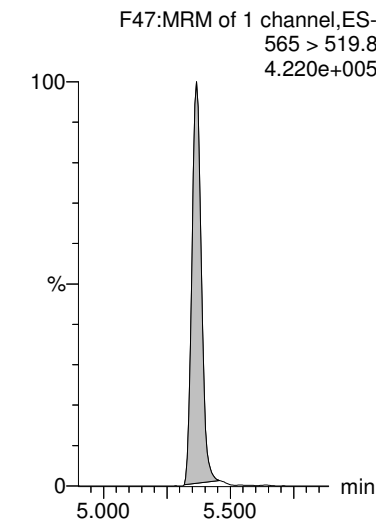
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



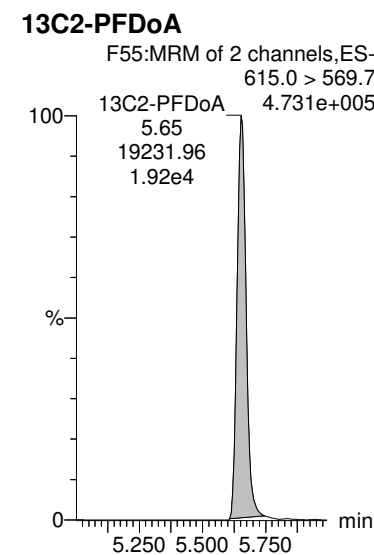
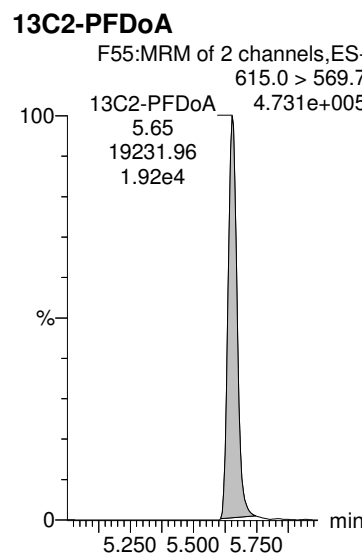
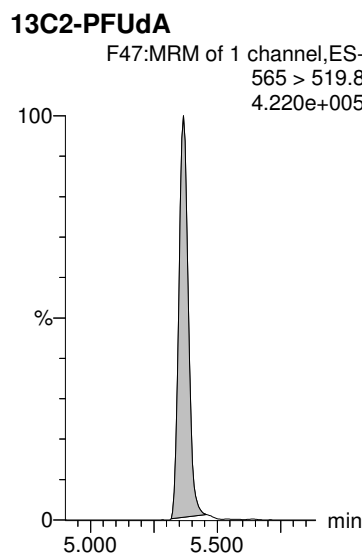
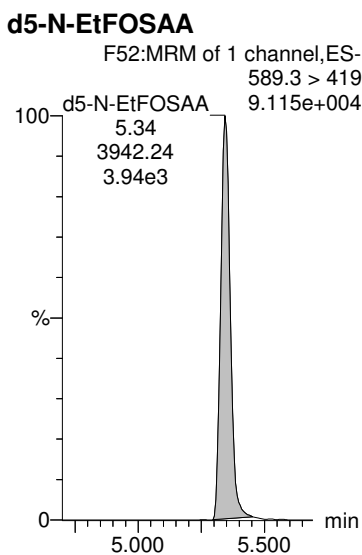
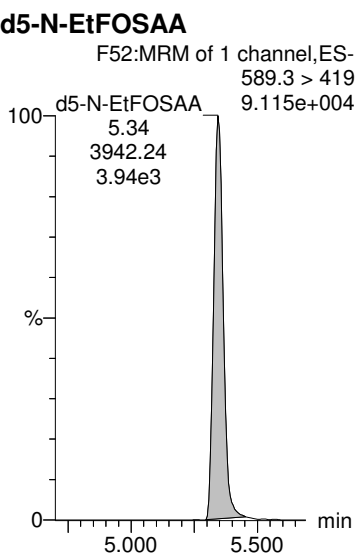
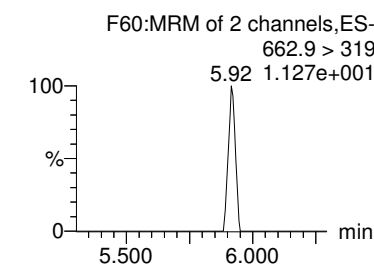
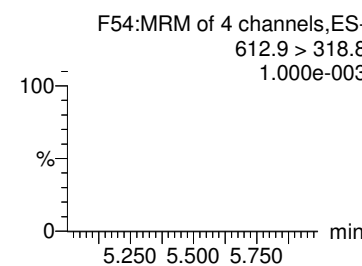
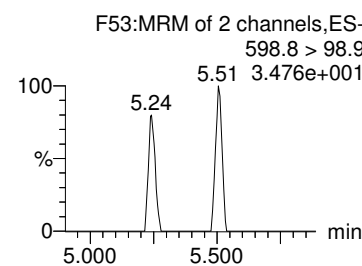
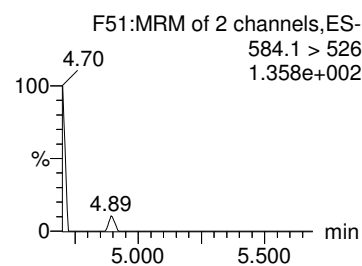
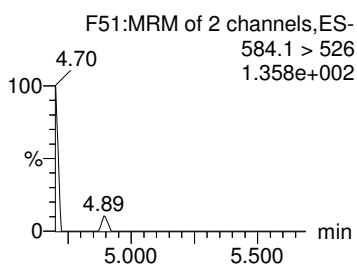
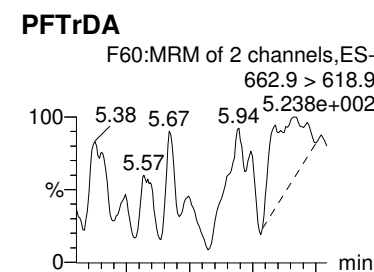
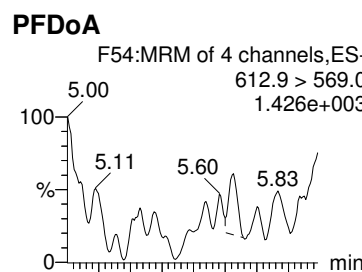
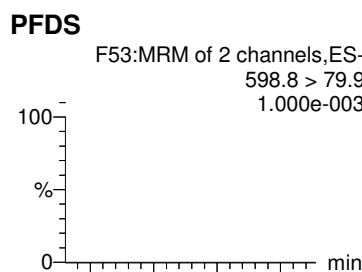
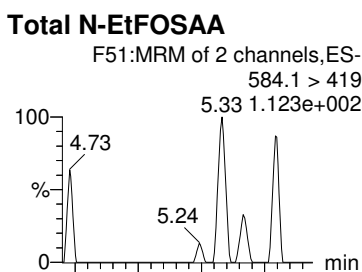
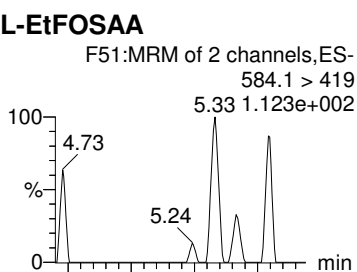
Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-18.qld

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Name: 180826M1_18, Date: 26-Aug-2018, Time: 17:13:16, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-18.qld

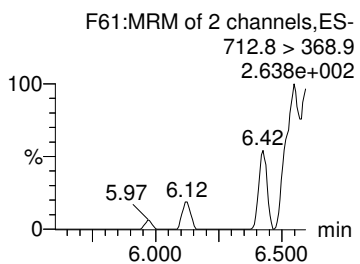
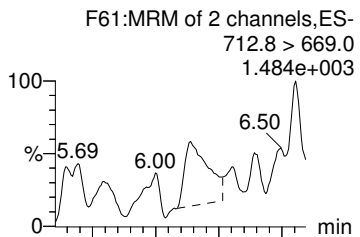
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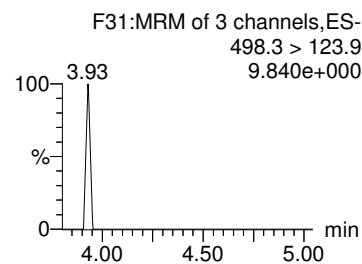
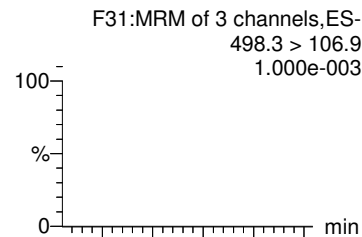
Printed: Thursday, August 30, 2018 15:44:52 Pacific Daylight Time

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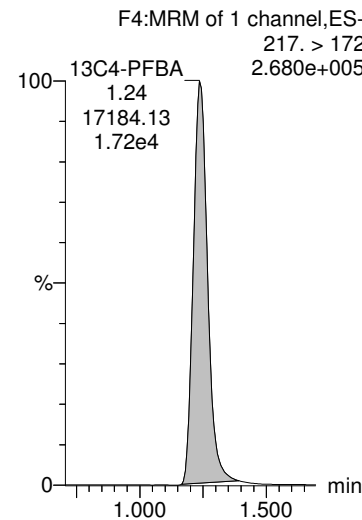
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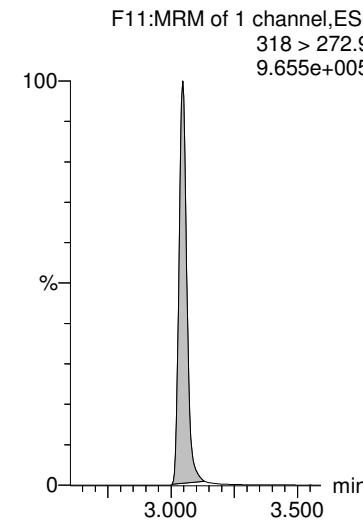
TCDA



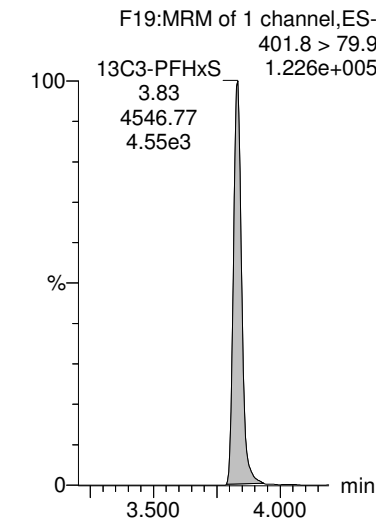
13C4-PFBA



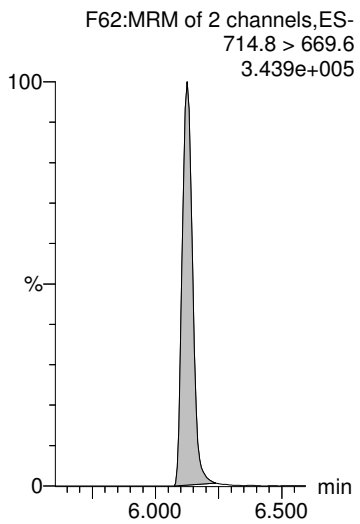
13C5-PFHxA



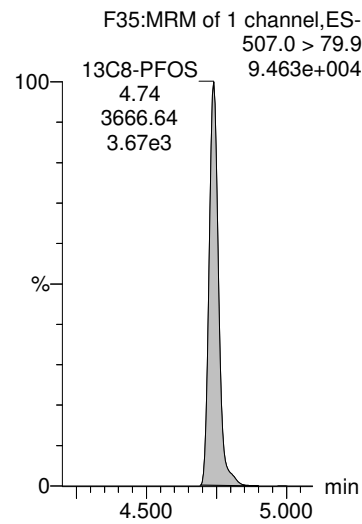
13C3-PFHxS



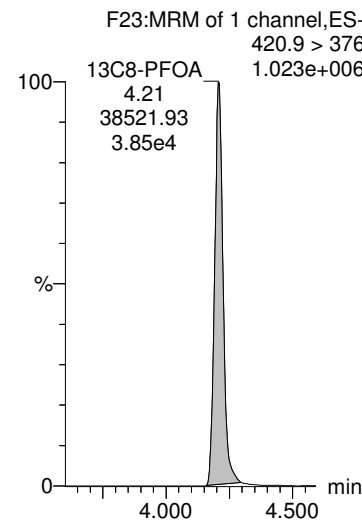
13C2-PFTeDA



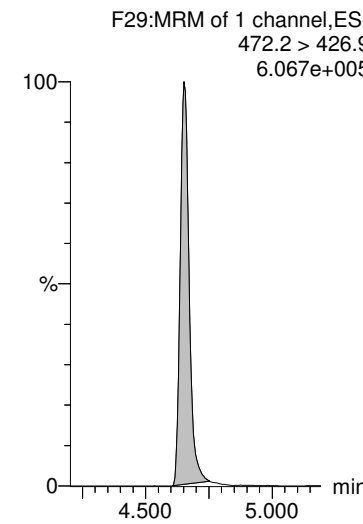
13C8-PFOS



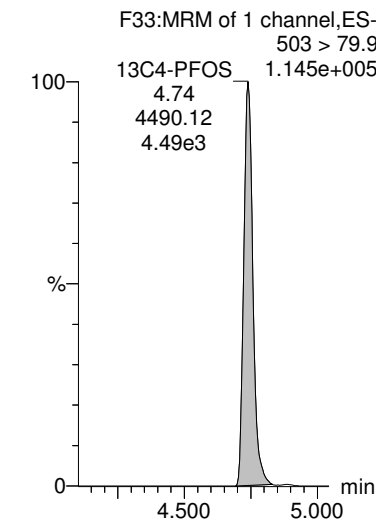
13C8-PFOA



13C9-PFNA



13C4-PFOS



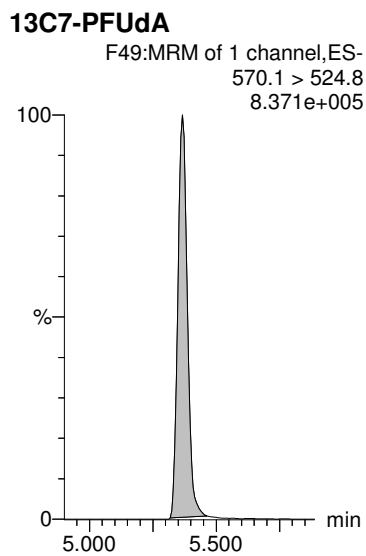
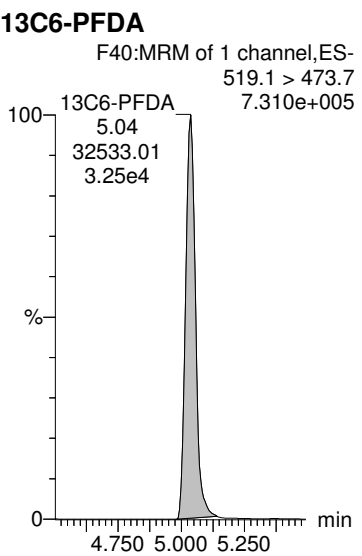
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Name: 180826M1_18, Date: 26-Aug-2018, Time: 17:13:16, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-21.qld

Last Altered: Thursday, August 30, 2018 15:50:04 Pacific Daylight Time

Printed: Thursday, August 30, 2018 15:50:34 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 27 Aug 2018 10:30:44

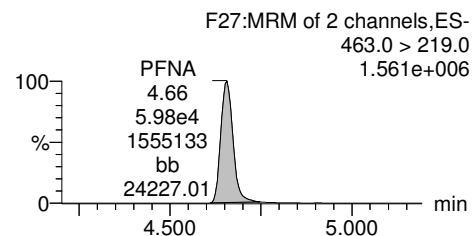
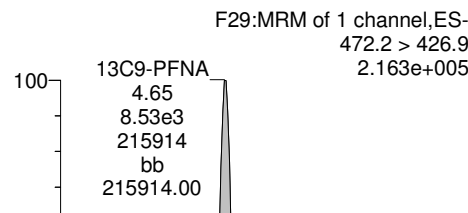
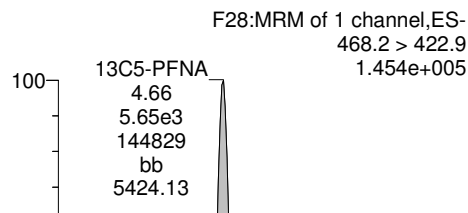
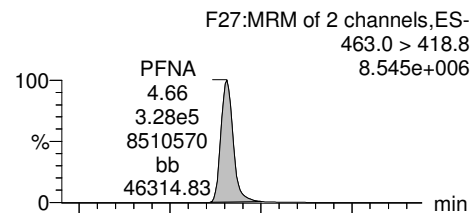
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Name: 180826M1_21, Date: 26-Aug-2018, Time: 17:45:04, ID: 1802094-06@5X SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

PFNA

13C5-PFNA

13C9-PFNA



#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	14 PFNA	463.0 > 418.8	3.28e5	5.65e3	0.248	0.000	4.94	4.66	726	2345.3387		5.477	NO
2	45 13C5-PFNA	468.2 > 422.9	5.65e3	8.53e3	0.248	0.662	4.94	4.66	8.27	34.7298	68.9		
3	64 13C9-PFNA	472.2 > 426.9	8.53e3	8.53e3	0.248	1.00	4.94	4.65	12.5	50.3931	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-14.qld

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Last Altered: Thursday, August 30, 2018 15:32:37 Pacific Daylight Time

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Name: 180826M1_14, Date: 26-Aug-2018, Time: 16:30:54, ID: 1802094-07 SA-MW128I-20180726 0.253, Description: SA-MW128I-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	2.52e3	1.43e4	0.253	0.000	1.24	2.20	7.4634			
2	2 PFPeA	263.1 > 21...	9.89e3	2.13e4	0.253	0.000	2.24	5.81	23.8955			
3	3 PFBS	299.0 > 79.7	2.03e1	2.48e3	0.253	0.000	2.54	0.102	0.1338		1.17	YES
4	5 PFHxA	313 > 269	1.37e4	1.27e4	0.253	0.000	3.05	5.42	22.6297		15.3	NO
5	7 PFHpA	363.0 > 31...	3.01e4	2.03e4	0.253	0.000	3.68	18.5	62.6456		27.9	NO
6	36 13C3-PFBA	216.1 > 17...	1.43e4	1.74e4	0.253	0.825	1.23	10.3	49.3144	99.8		
7	37 13C3-PFPeA	266. > 221.8	2.13e4	3.52e4	0.253	0.606	2.23	7.57	46.7580	94.6		
8	38 13C3-PFBS	302. > 98.8	2.48e3	3.52e4	0.253	0.0707	2.54	0.883	53.5953	108.5		
9	40 13C2-PFHxA	315 > 270	1.27e4	3.52e4	0.253	0.900	3.04	4.50	18.3747	93.0		
10	41 13C4-PFHpA	367.2 > 32...	2.03e4	3.52e4	0.253	0.578	3.68	7.22	48.7865	98.7		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	5.95e1	2.13e3	0.253	0.000	3.83	0.350	0.7710		1.68	NO
13	68 Total PFHxS	398.9 > 79.6	5.95e1	2.13e3	0.253			0.350	0.7710			
14	10 6:2 FTS	427.1 > 407	3.79e3	4.88e3	0.253	0.000	4.16	9.71	38.3457		2.78	NO
15	11 L-PFOA	412.8 > 36...	5.59e4	2.84e4	0.253	0.000	4.21	24.6	78.6371		3.35	NO
16	69 Total PFOA	412.8 > 36...	5.62e4	2.84e4	0.253			24.7	78.6559			
17	42 18O2-PFHxS	403.0 > 10...	2.13e3	4.53e3	0.253	0.469	3.83	5.86	44.7919	90.7		
18	42 18O2-PFHxS	403.0 > 10...	2.13e3	4.53e3	0.253	0.469	3.83	5.86	44.7919	90.7		
19	43 13C2-6:2 FTS	429.1 > 40...	4.88e3	3.87e4	0.253	0.126	4.15	1.58	46.6227	94.4		
20	44 13C2-PFOA	414.9 > 36...	2.84e4	3.87e4	0.253	0.735	4.21	9.18	42.0865	85.2		
21	44 13C2-PFOA	414.9 > 36...	2.84e4	3.87e4	0.253	0.735	4.21	9.18	42.0865	85.2		
22	-1											
23	13 PFHpS	449 > 80.0		4.28e3	0.253							
24	14 PFNA	463.0 > 41...	9.13e5	1.83e4	0.253	0.000	4.66	623	1985.9059		5.48	NO
25	15 PFOSA	497.9 > 77.9		1.88e3	0.253							
26	16 L-PFOS	498.9 > 79.9	4.28e2	4.28e3	0.253	0.000	4.74	1.25	4.9343		1.98	NO
27	70 Total PFOS	498.9 > 79.9	4.28e2	4.28e3	0.253			1.25	4.9343			
28	47 13C8-PFOS	507.0 > 79.9	4.28e3	4.93e3	0.253	0.868	4.74	10.9	40.3654	81.7		
29	45 13C5-PFNA	468.2 > 42...	1.83e4	2.57e4	0.253	0.713	4.66	8.91	36.6660	74.2		
30	46 13C8-PFOSA	506.1 > 77.7	1.88e3	3.78e4	0.253	0.0497	4.71	0.622	12.5507	25.4		
31	47 13C8-PFOS	507.0 > 79.9	4.28e3	4.93e3	0.253	0.868	4.74	10.9	40.3654	81.7		
32	47 13C8-PFOS	507.0 > 79.9	4.28e3	4.93e3	0.253	0.868	4.74	10.9	40.3654	81.7		
33	-1											
34	18 PFDA	513 > 468.8	2.37e4	2.06e4	0.253	0.000	5.04	14.4	46.3930		6.84	NO
35	19 8:2 FTS	527 > 506.9	5.08e2	3.20e3	0.253	0.000	5.01	1.98	5.3053		2.42	NO
36	21 L-MeFOSAA	570 > 419		4.34e3	0.253							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	4.34e3	0.253			0.000				

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Name: 180826M1_14, Date: 26-Aug-2018, Time: 16:30:54, ID: 1802094-07 SA-MW128I-20180726 0.253, Description: SA-MW128I-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	1.17e5	2.14e4	0.253	0.000	5.37	68.2	287.4886		13.0	NO
39	48 13C2-PFDA	515.1 > 46...	2.06e4	3.39e4	0.253	0.606	5.04	7.58	31.7507	64.3		
40	49 13C2-8:2 FTS	529.1 > 50...	3.20e3	3.87e4	0.253	0.0827	5.01	1.03	38.9798	78.9		
41	50 d3-N-MeFOSAA	573.3 > 419	4.34e3	3.78e4	0.253	0.115	5.19	1.43	24.9819	50.6		
42	50 d3-N-MeFOSAA	573.3 > 419	4.34e3	3.78e4	0.253	0.115	5.19	1.43	24.9819	50.6		
43	51 13C2-PFUdA	565 > 519.8	2.14e4	3.78e4	0.253	0.565	5.37	7.06	27.7027	56.1		
44	-1											
45	23 L-EtFOSAA	584.1 > 419		4.90e3	0.253							
46	72 Total N-EtFOSAA	584.1 > 419	0.00e0	4.90e3	0.253			0.000				
47	26 PFDS	598.8 > 79.9		4.28e3	0.253							
48	27 PFDoA	612.9 > 56...		2.24e4	0.253							
49	29 PFTrDA	662.9 > 61...		2.24e4	0.253							
50	52 d5-N-EtFOSAA	589.3 > 419	4.90e3	3.78e4	0.253	0.129	5.34	1.62	25.9544	52.5		
51	52 d5-N-EtFOSAA	589.3 > 419	4.90e3	3.78e4	0.253	0.129	5.34	1.62	25.9544	52.5		
52	51 13C2-PFUdA	565 > 519.8	2.14e4	3.78e4	0.253	0.565	5.37	7.06	27.7027	56.1		
53	53 13C2-PFDoA	615.0 > 56...	2.24e4	3.39e4	0.253	0.659	5.65	8.24	28.4948	57.7		
54	53 13C2-PFDoA	615.0 > 56...	2.24e4	3.39e4	0.253	0.659	5.65	8.24	28.4948	57.7		
55	-1											
56	30 PFTeDA	712.8 > 66...		1.80e4	0.253							
57	73 TCDA	498.3>106.9			0.253							
58	60 13C4-PFBA	217. > 172	1.74e4	1.74e4	0.253	1.00	1.24	12.5	49.4071	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.52e4	3.52e4	0.253	1.00	3.05	12.5	49.4071	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.53e3	4.53e3	0.253	1.00	3.83	12.5	49.4071	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	1.80e4	3.78e4	0.253	0.474	6.13	5.93	32.4189	65.6		
62	47 13C8-PFOS	507.0 > 79.9	4.28e3	4.93e3	0.253	0.868	4.74	10.9	40.3654	81.7		
63	63 13C8-PFOA	420.9 > 376	3.87e4	3.87e4	0.253	1.00	4.21	12.5	49.4071	100.0		
64	64 13C9-PFNA	472.2 > 42...	2.57e4	2.57e4	0.253	1.00	4.66	12.5	49.4071	100.0		
65	65 13C4-PFOS	503 > 79.9	4.93e3	4.93e3	0.253	1.00	4.74	12.5	49.4071	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.39e4	3.39e4	0.253	1.00	5.04	12.5	49.4071	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.78e4	3.78e4	0.253	1.00	5.37	12.5	49.4071	100.0		

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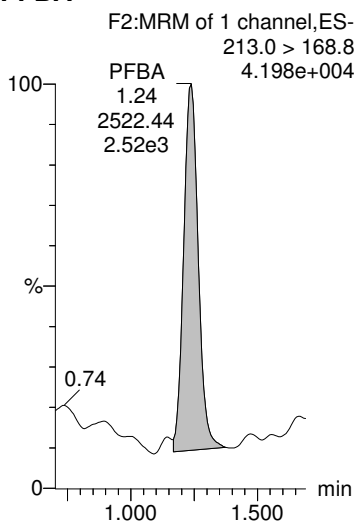
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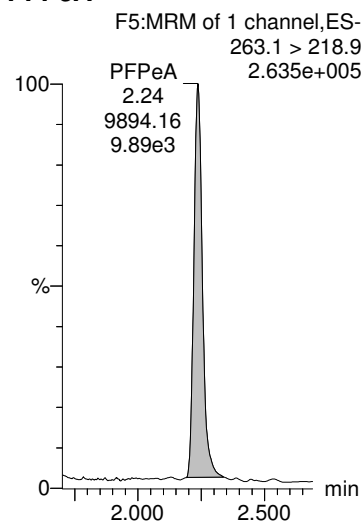
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Name: 180826M1_14, Date: 26-Aug-2018, Time: 16:30:54, ID: 1802094-07 SA-MW128I-20180726 0.253, Description: SA-MW128I-20180726

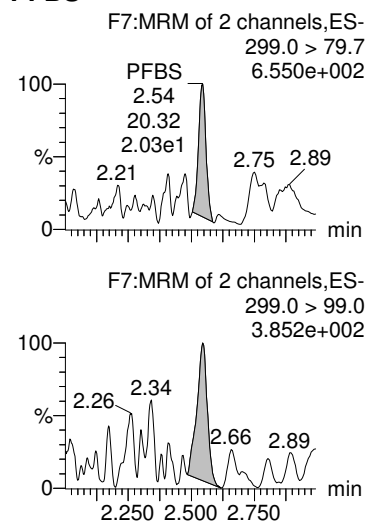
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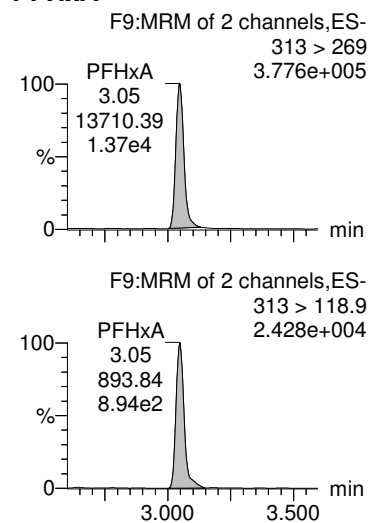
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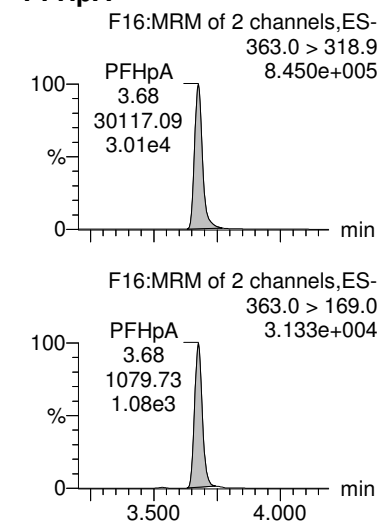
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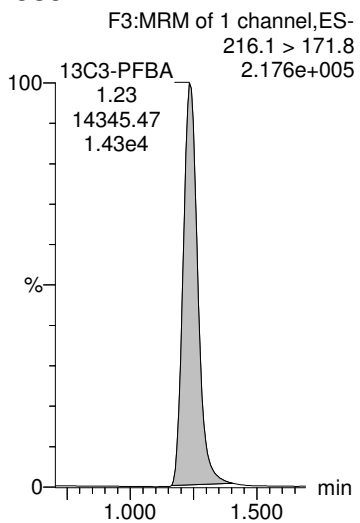
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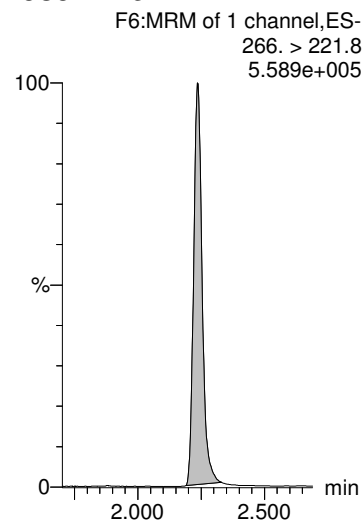
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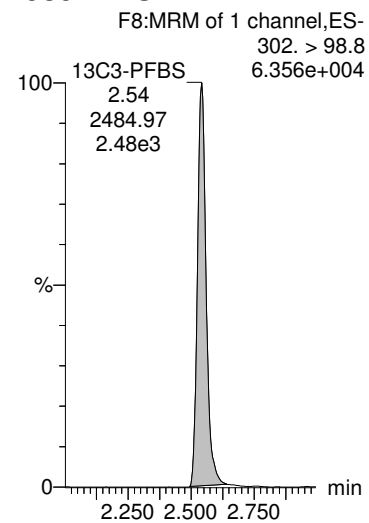
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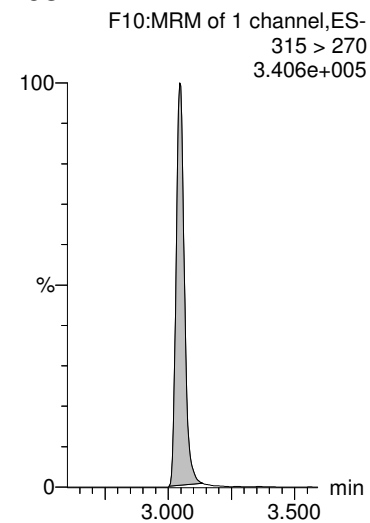
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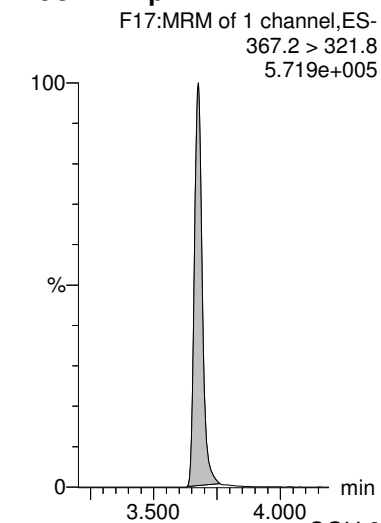
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13C2-PFHxA



13C4-PFHpA



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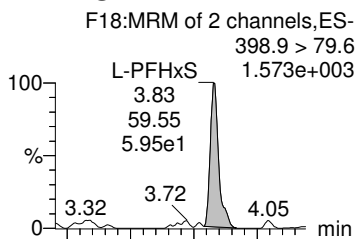
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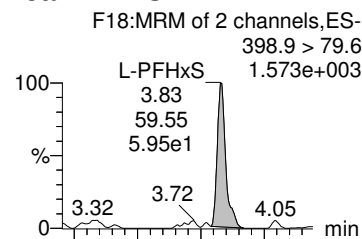
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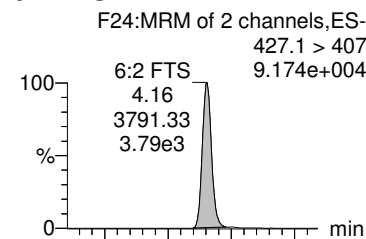
L-PFHxS



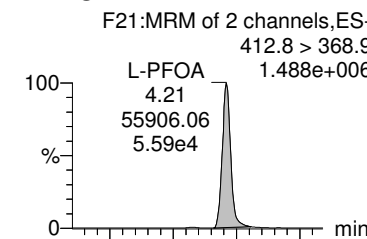
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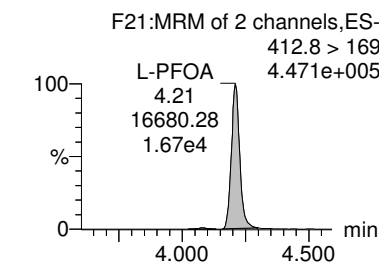
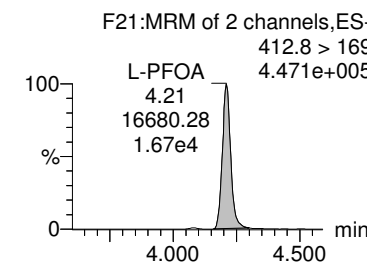
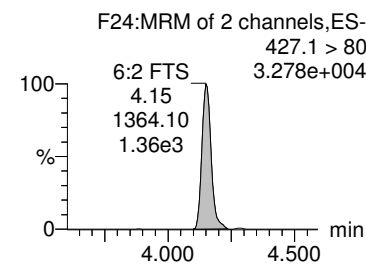
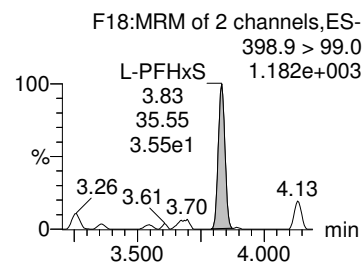
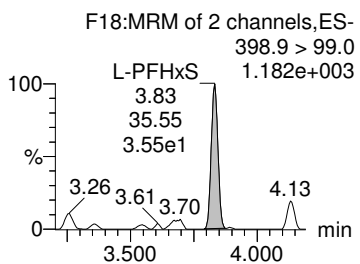
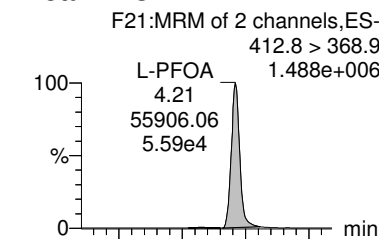
6:2 FTS



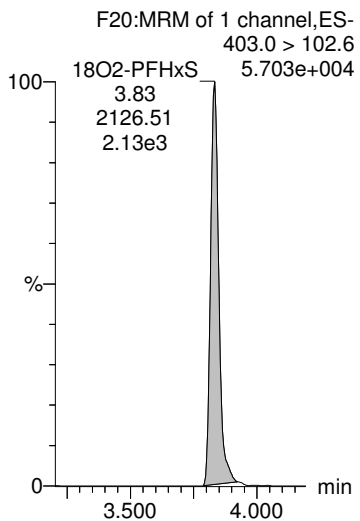
L-PFOA



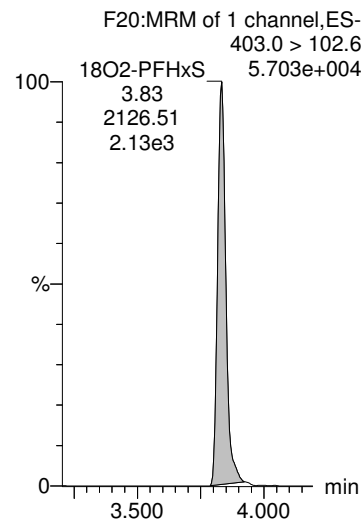
Total PFOA



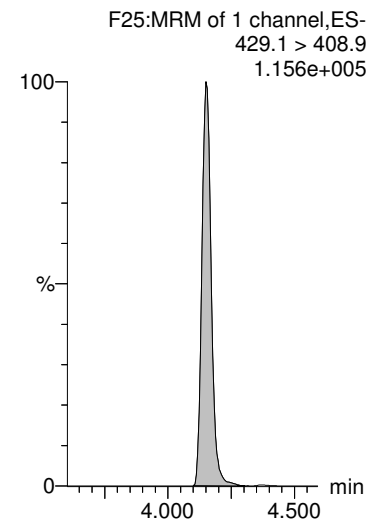
18O2-PFHxS



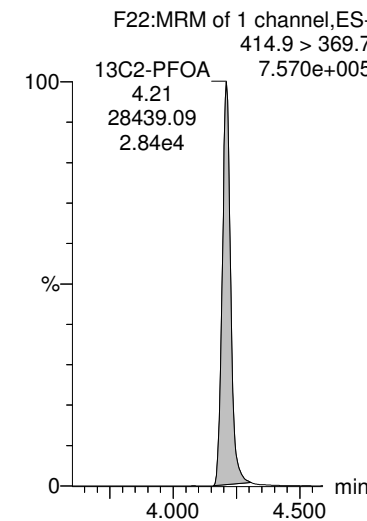
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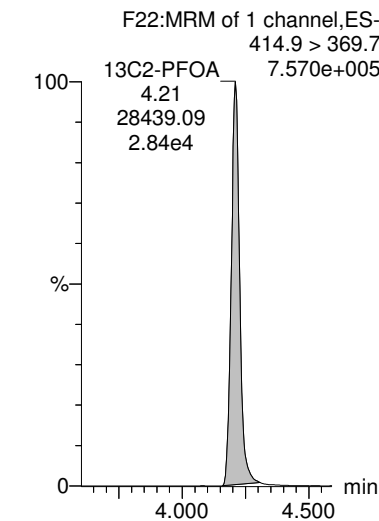
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



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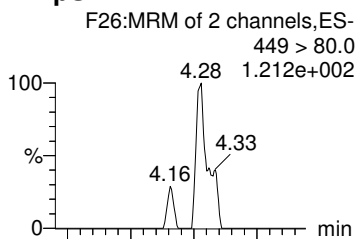
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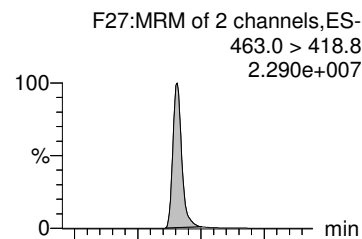
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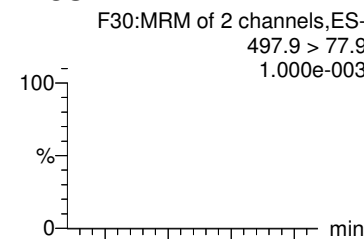
PFHpS



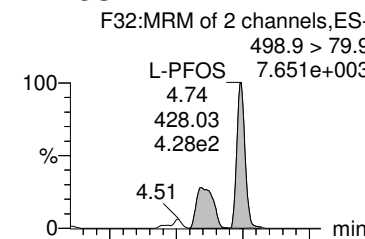
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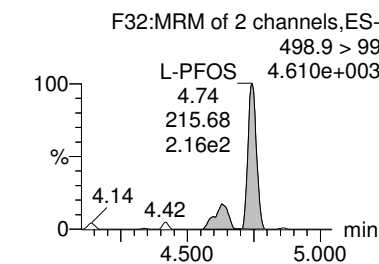
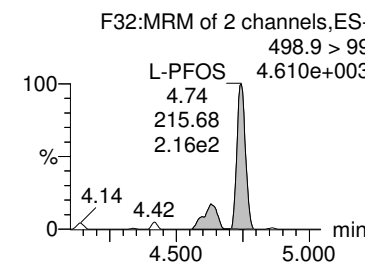
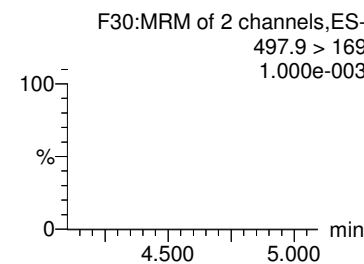
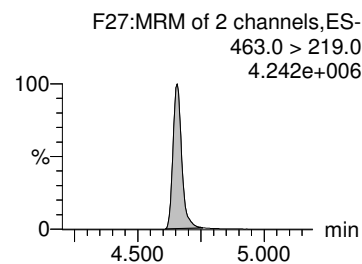
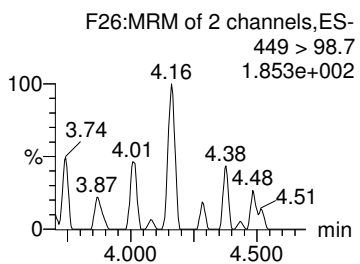
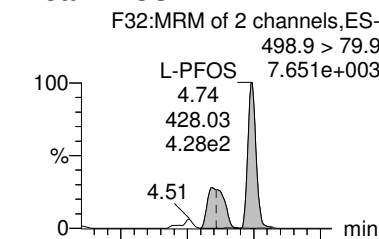
PFOSA



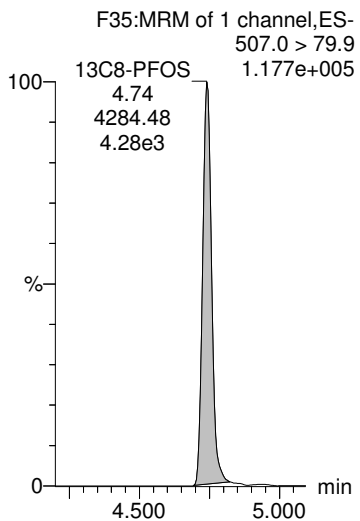
L-PFOS



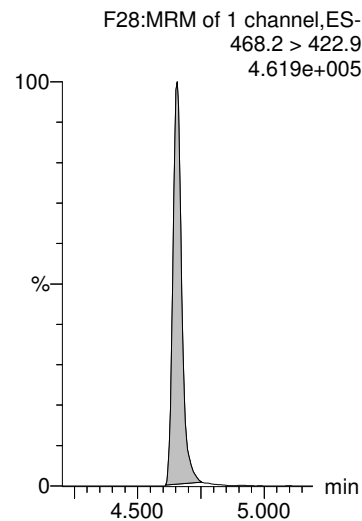
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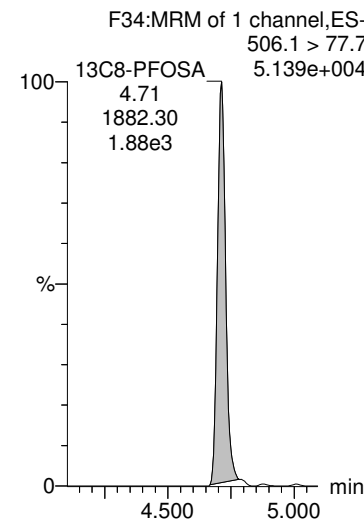
13C8-PFOS



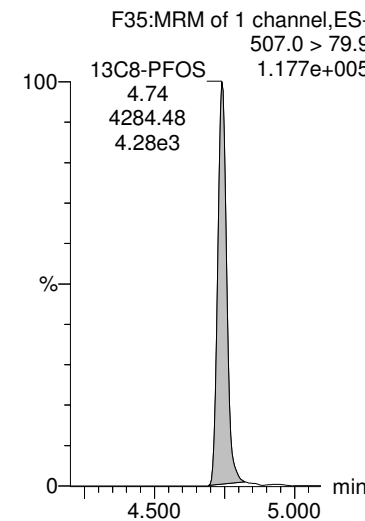
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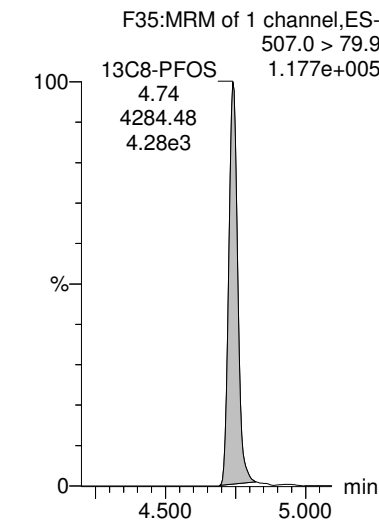
13C8-PFOSA



13C8-PFOS



13C8-PFOS



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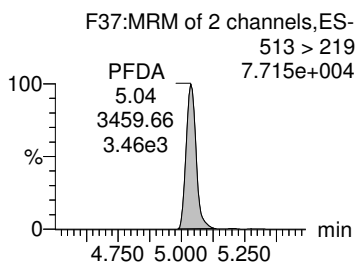
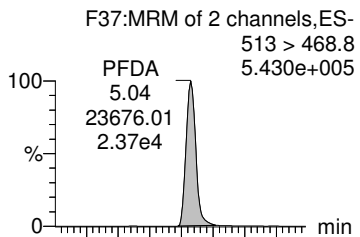
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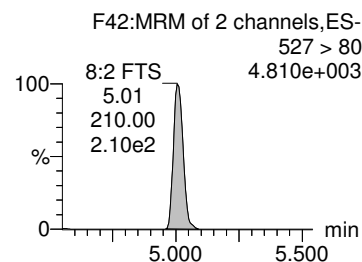
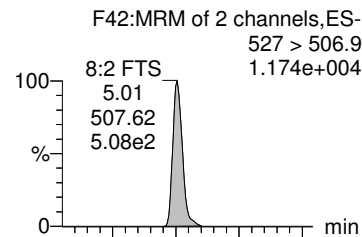
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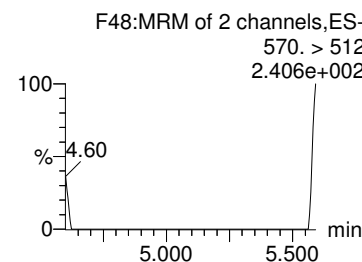
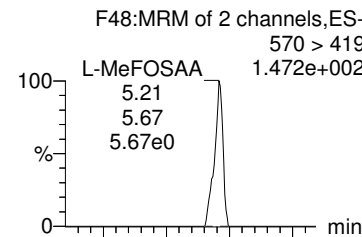
PFDA



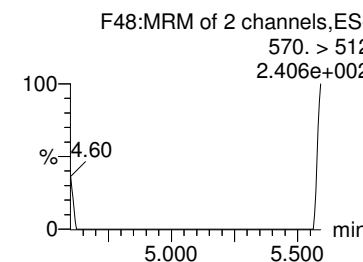
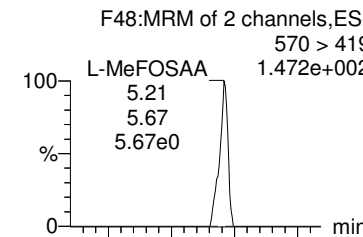
8:2 FTS



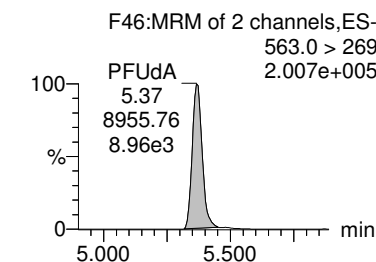
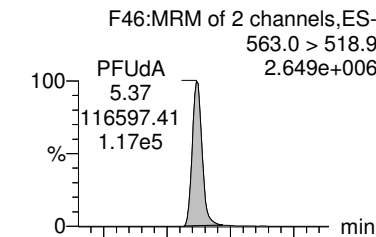
L-MeFOSAA



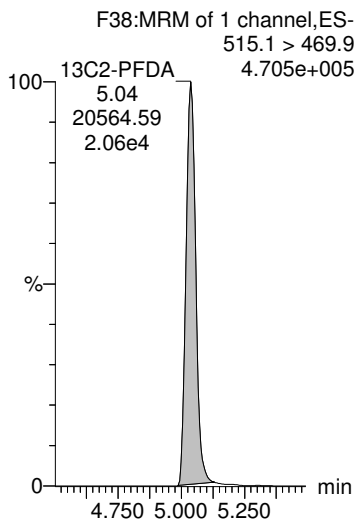
Total N-MeFOSAA



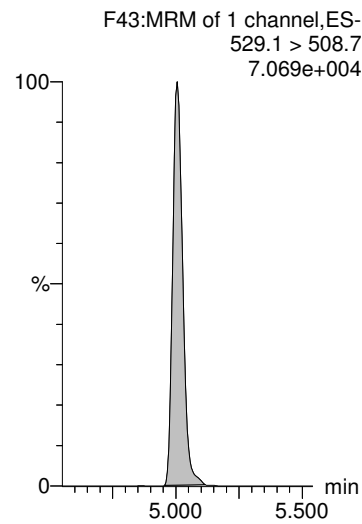
PFUdA



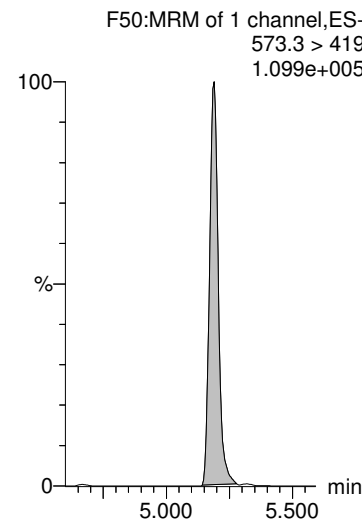
13C2-PFDA



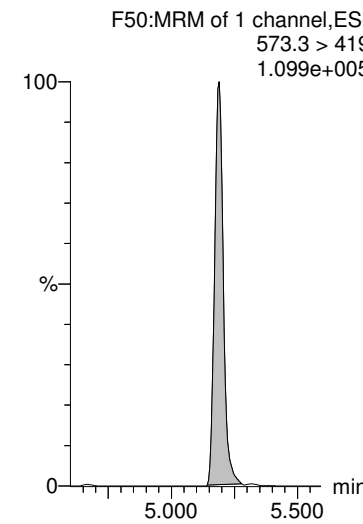
13C2-8:2 FTS



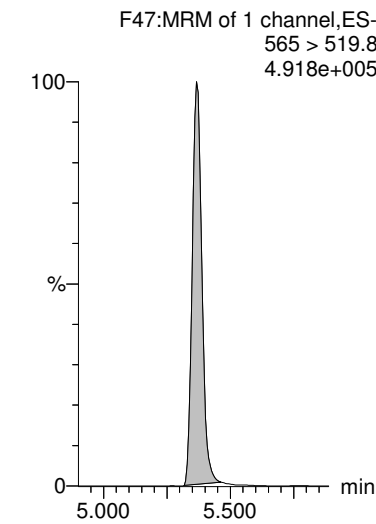
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



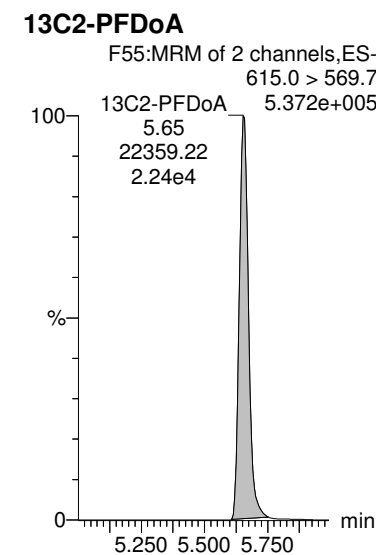
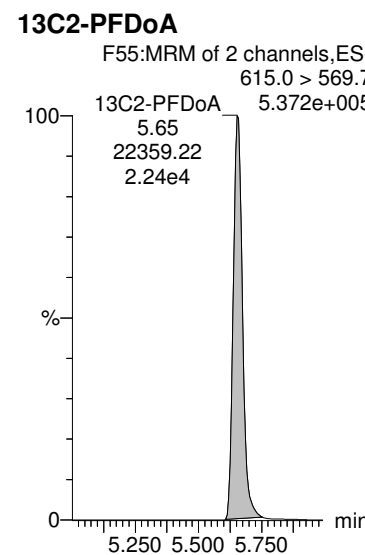
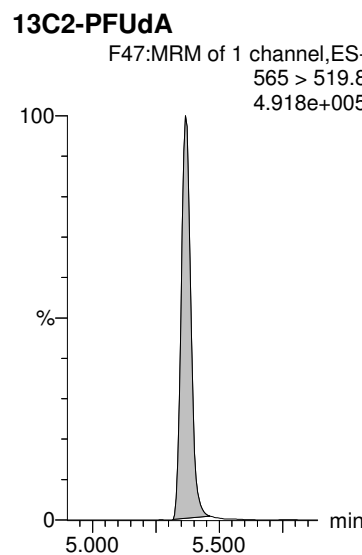
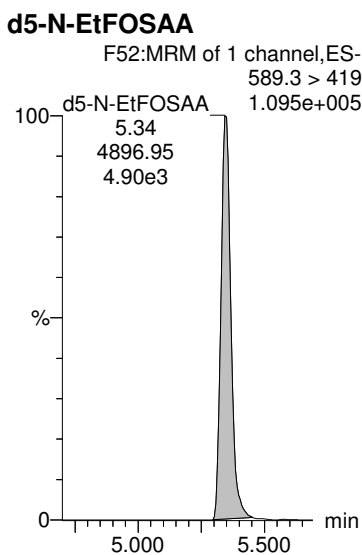
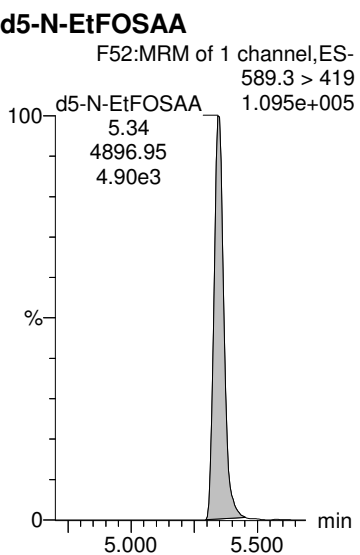
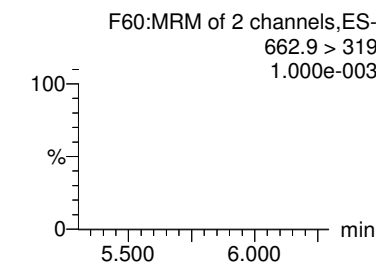
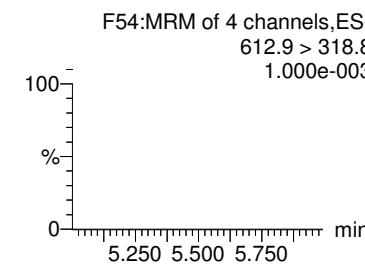
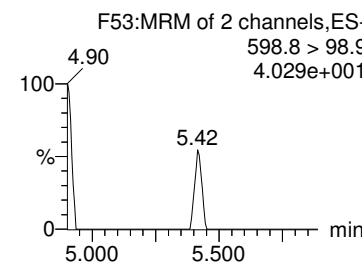
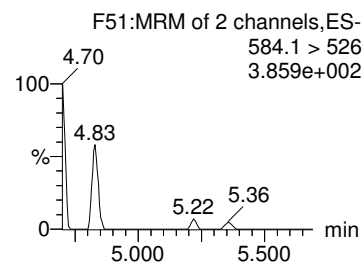
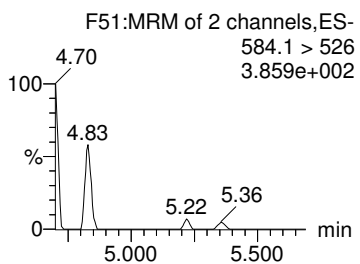
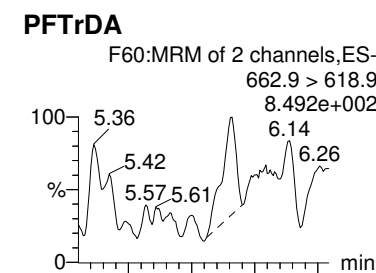
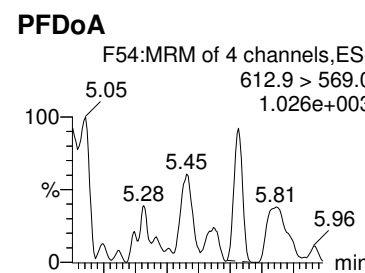
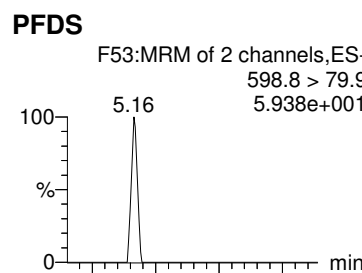
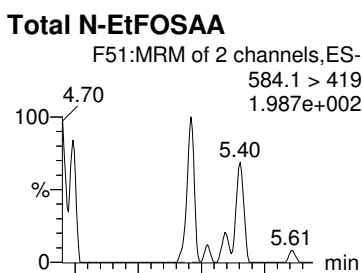
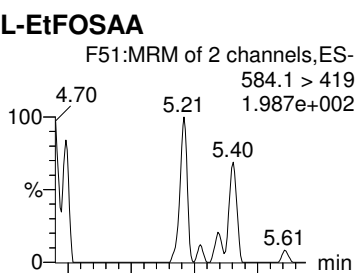
Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-14.qld

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Printed: Thursday, August 30, 2018 15:33:15 Pacific Daylight Time

Name: 180826M1_14, Date: 26-Aug-2018, Time: 16:30:54, ID: 1802094-07 SA-MW128I-20180726 0.253, Description: SA-MW128I-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-14.qld

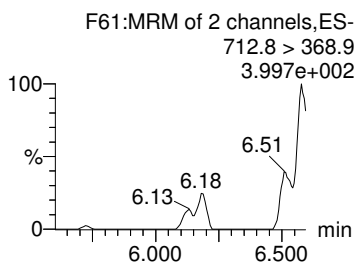
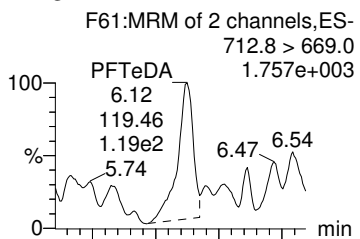
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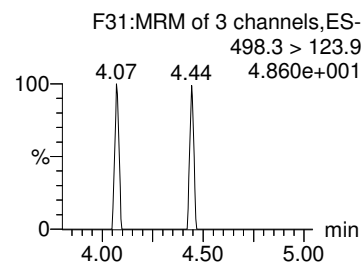
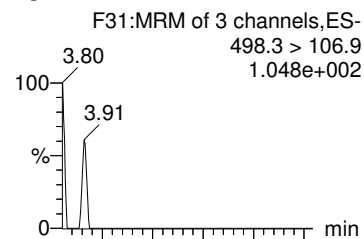
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Name: 180826M1_14, Date: 26-Aug-2018, Time: 16:30:54, ID: 1802094-07 SA-MW128I-20180726 0.253, Description: SA-MW128I-20180726

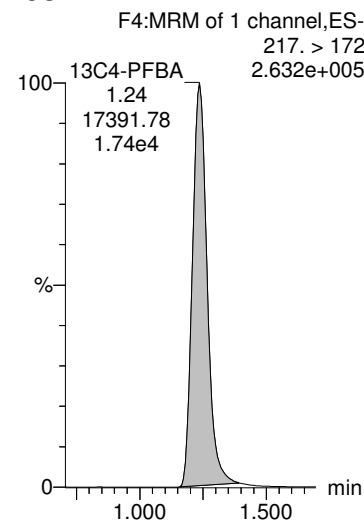
PFTeDA



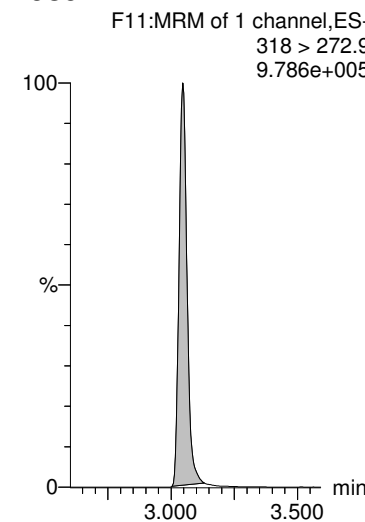
TCDA



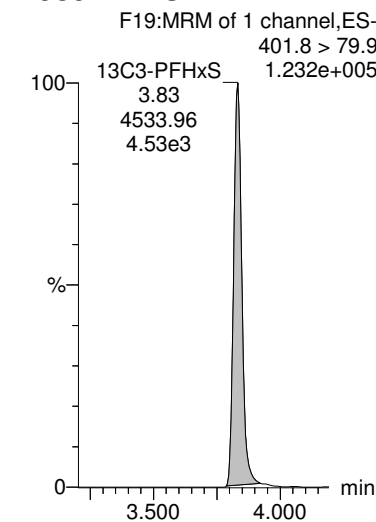
13C4-PFBA



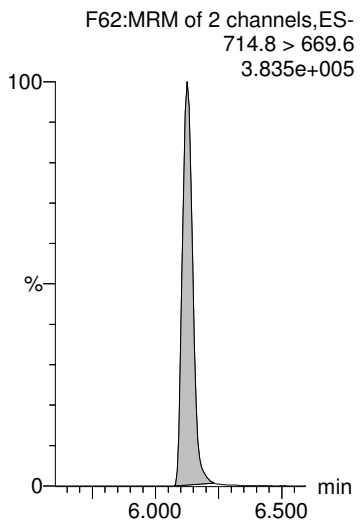
13C5-PFHxA



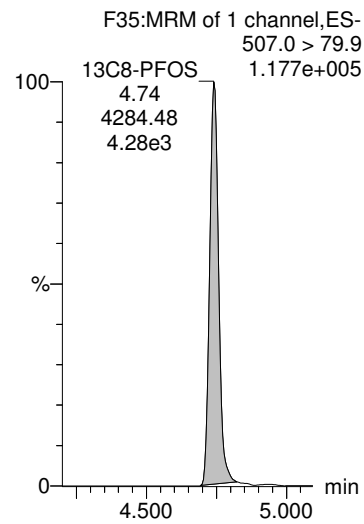
13C3-PFHxS



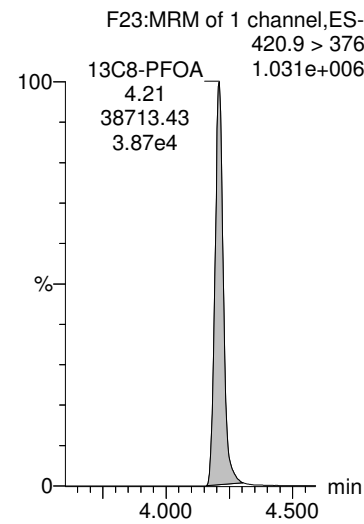
13C2-PFTeDA



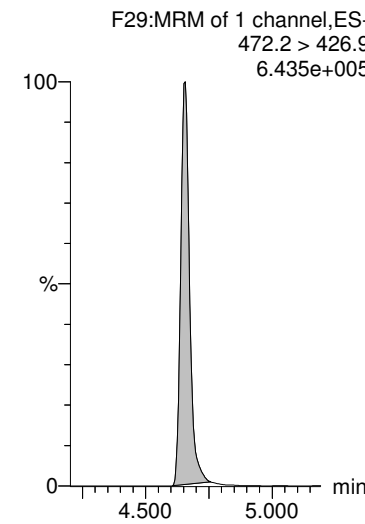
13C8-PFOS



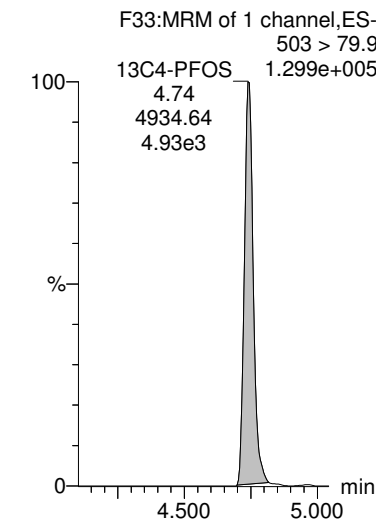
13C8-PFOA



13C9-PFNA



13C4-PFOS



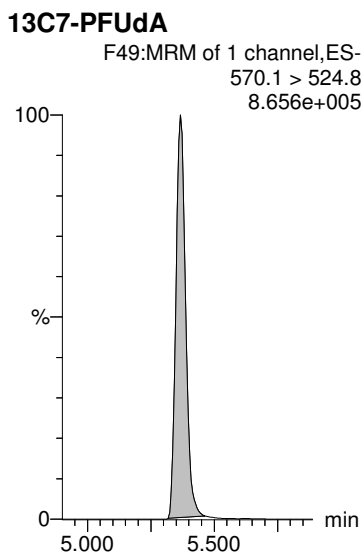
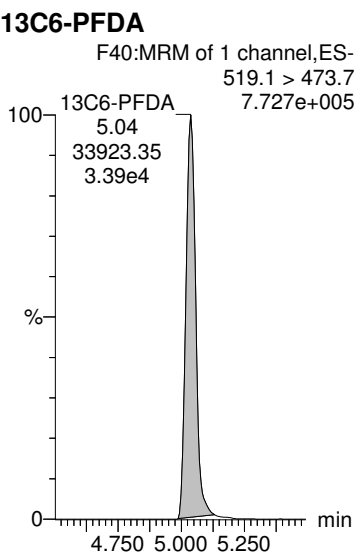
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Last Altered: Thursday, August 30, 2018 15:32:37 Pacific Daylight Time

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Name: 180826M1_14, Date: 26-Aug-2018, Time: 16:30:54, ID: 1802094-07 SA-MW128I-20180726 0.253, Description: SA-MW128I-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180913M1\180913M1-7.qld

Last Altered: Thursday, September 13, 2018 13:54:39 Pacific Daylight Time

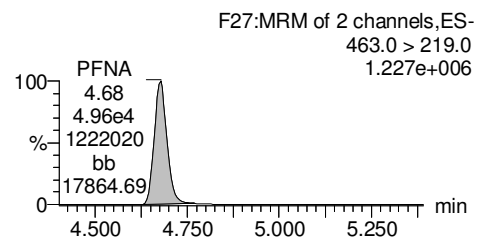
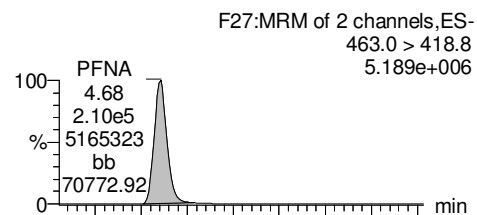
Printed: Thursday, September 13, 2018 13:55:08 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091318.mdb 13 Sep 2018 09:36:16

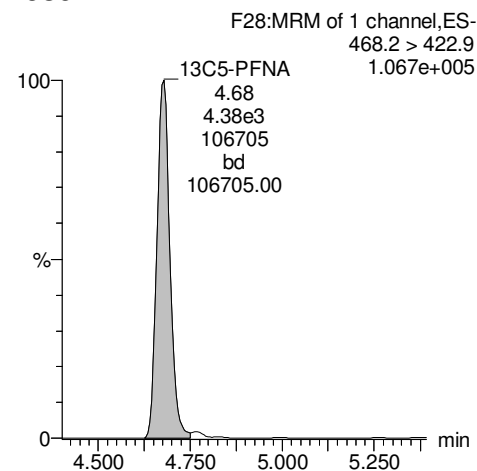
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Name: 180913M1_7, Date: 13-Sep-2018, Time: 10:16:25, ID: 1802094-07@5X SA-MW128I-20180726 0.253, Description: SA-MW128I-20180726

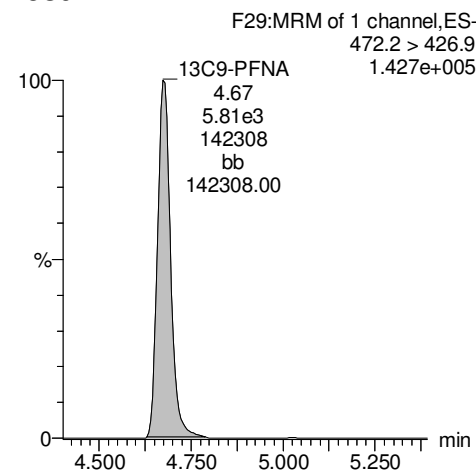
PFNA



13C5-PFNA



13C9-PFNA



#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	14 PFNA	463.0 > 418.8	2.10e5	4.38e3	0.253	0.000	4.65	4.68	599	2064.5875		4.231	NO
2	45 13C5-PFNA	468.2 > 422.9	4.38e3	5.81e3	0.253	0.754	4.65	4.68	9.42	38.1375	77.2		
3	64 13C9-PFNA	472.2 > 426.9	5.81e3	5.81e3	0.253	1.00	4.65	4.67	12.5	49.4071	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-15.qld

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Name: 180826M1_15, Date: 26-Aug-2018, Time: 16:41:30, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	3.03e2	1.29e4	0.269	0.000	1.23	0.294	0.8982			
2	2 PFPeA	263.1 > 21...	3.60e2	1.90e4	0.269	0.000	2.24	0.236	0.6668			
3	3 PFBS	299.0 > 79.7	2.16e1	2.46e3	0.269	0.000	2.54	0.110	0.1406		2.18	NO
4	5 PFHxA	313 > 269	7.49e2	1.19e4	0.269	0.000	3.05	0.313	1.0120		15.7	NO
5	7 PFHpA	363.0 > 31...	9.97e2	1.88e4	0.269	0.000	3.68	0.664	1.9810		22.6	NO
6	36 13C3-PFBA	216.1 > 17...	1.29e4	1.36e4	0.269	0.946	1.23	11.8	53.3122	114.5		
7	37 13C3-PFPeA	266. > 221.8	1.90e4	2.78e4	0.269	0.686	2.24	8.57	49.8611	107.1		
8	38 13C3-PFBS	302. > 98.8	2.46e3	2.78e4	0.269	0.0885	2.54	1.11	63.2597	135.9		
9	40 13C2-PFHxA	315 > 270	1.19e4	2.78e4	0.269	1.08	3.05	5.38	20.6981	111.2		
10	41 13C4-PFHpA	367.2 > 32...	1.88e4	2.78e4	0.269	0.676	3.68	8.45	53.7587	115.5		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	1.04e2	2.33e3	0.269	0.000	3.84	0.555	1.1699		1.97	NO
13	68 Total PFHxS	398.9 > 79.6	1.04e2	2.33e3	0.269			0.555	1.1699			
14	10 6:2 FTS	427.1 > 407	7.85e1	5.23e3	0.269	0.000	4.16	0.188	0.5435		2.49	NO
15	11 L-PFOA	412.8 > 36...	3.53e3	2.80e4	0.269	0.000	4.21	1.58	4.3719		3.41	NO
16	69 Total PFOA	412.8 > 36...	3.77e3	2.80e4	0.269			1.58	4.3719			
17	42 18O2-PFHxS	403.0 > 10...	2.33e3	4.66e3	0.269	0.500	3.83	6.25	44.9818	96.6		
18	42 18O2-PFHxS	403.0 > 10...	2.33e3	4.66e3	0.269	0.500	3.83	6.25	44.9818	96.6		
19	43 13C2-6:2 FTS	429.1 > 40...	5.23e3	3.44e4	0.269	0.152	4.16	1.90	52.8686	113.6		
20	44 13C2-PFOA	414.9 > 36...	2.80e4	3.44e4	0.269	0.813	4.21	10.2	43.8965	94.3		
21	44 13C2-PFOA	414.9 > 36...	2.80e4	3.44e4	0.269	0.813	4.21	10.2	43.8965	94.3		
22	-1											
23	13 PFHpS	449 > 80.0		5.13e3	0.269							
24	14 PFNA	463.0 > 41...	9.46e3	2.68e4	0.269	0.000	4.66	4.41	13.6142		5.77	NO
25	15 PFOSA	497.9 > 77.9		2.23e3	0.269							
26	16 L-PFOS	498.9 > 79.9	4.48e2	5.13e3	0.269	0.000	4.74	1.09	4.0468		2.62	YES
27	70 Total PFOS	498.9 > 79.9	4.48e2	5.13e3	0.269			1.09	4.0468			
28	47 13C8-PFOS	507.0 > 79.9	5.13e3	4.98e3	0.269	1.03	4.74	12.9	45.0985	96.9		
29	45 13C5-PFNA	468.2 > 42...	2.68e4	3.01e4	0.269	0.891	4.66	11.1	43.1982	92.8		
30	46 13C8-PFOSA	506.1 > 77.7	2.23e3	3.72e4	0.269	0.0599	4.71	0.749	14.2420	30.6		
31	47 13C8-PFOS	507.0 > 79.9	5.13e3	4.98e3	0.269	1.03	4.74	12.9	45.0985	96.9		
32	47 13C8-PFOS	507.0 > 79.9	5.13e3	4.98e3	0.269	1.03	4.74	12.9	45.0985	96.9		
33	-1											
34	18 PFDA	513 > 468.8	3.33e2	2.42e4	0.269	0.000	5.04	0.172	0.2078		14.7	YES
35	19 8:2 FTS	527 > 506.9		3.70e3	0.269							
36	21 L-MeFOSAA	570 > 419		6.03e3	0.269							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	6.03e3	0.269			0.000				

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Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-15.qld

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Name: 180826M1_15, Date: 26-Aug-2018, Time: 16:41:30, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	1.18e3	2.83e4	0.269	0.000	5.37	0.522	1.6397		11.3	NO
39	48 13C2-PFDA	515.1 > 46...	2.42e4	3.11e4	0.269	0.778	5.04	9.73	38.3977	82.5		
40	49 13C2-8:2 FTS	529.1 > 50...	3.70e3	3.44e4	0.269	0.107	5.01	1.34	47.6691	102.4		
41	50 d3-N-MeFOSAA	573.3 > 419	6.03e3	3.72e4	0.269	0.162	5.19	2.03	33.3288	71.6		
42	50 d3-N-MeFOSAA	573.3 > 419	6.03e3	3.72e4	0.269	0.162	5.19	2.03	33.3288	71.6		
43	51 13C2-PFUdA	565 > 519.8	2.83e4	3.72e4	0.269	0.762	5.37	9.53	35.2163	75.7		
44	-1											
45	23 L-EtFOSAA	584.1 > 419	3.98e2	6.81e3	0.269	0.000	5.35	0.731	2.9395		1.51	NO
46	72 Total N-EtFOSAA	584.1 > 419	3.98e2	6.81e3	0.269			0.731	2.9395			
47	26 PFDS	598.8 > 79.9		5.13e3	0.269							
48	27 PFDoA	612.9 > 56...		2.83e4	0.269							
49	29 PFTrDA	662.9 > 61...		2.83e4	0.269							
50	52 d5-N-EtFOSAA	589.3 > 419	6.81e3	3.72e4	0.269	0.183	5.35	2.29	34.6024	74.3		
51	52 d5-N-EtFOSAA	589.3 > 419	6.81e3	3.72e4	0.269	0.183	5.35	2.29	34.6024	74.3		
52	51 13C2-PFUdA	565 > 519.8	2.83e4	3.72e4	0.269	0.762	5.37	9.53	35.2163	75.7		
53	53 13C2-PFDoA	615.0 > 56...	2.83e4	3.11e4	0.269	0.911	5.66	11.4	37.1218	79.7		
54	53 13C2-PFDoA	615.0 > 56...	2.83e4	3.11e4	0.269	0.911	5.66	11.4	37.1218	79.7		
55	-1											
56	30 PFTeDA	712.8 > 66...		2.07e4	0.269							
57	73 TCDA	498.3>106.9			0.269							
58	60 13C4-PFBA	217. > 172	1.36e4	1.36e4	0.269	1.00	1.23	12.5	46.5515	100.0		
59	61 13C5-PFHxA	318 > 272.9	2.78e4	2.78e4	0.269	1.00	3.05	12.5	46.5515	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.66e3	4.66e3	0.269	1.00	3.83	12.5	46.5515	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	2.07e4	3.72e4	0.269	0.557	6.13	6.96	35.8496	77.0		
62	47 13C8-PFOS	507.0 > 79.9	5.13e3	4.98e3	0.269	1.03	4.74	12.9	45.0985	96.9		
63	63 13C8-PFOA	420.9 > 376	3.44e4	3.44e4	0.269	1.00	4.21	12.5	46.5515	100.0		
64	64 13C9-PFNA	472.2 > 42...	3.01e4	3.01e4	0.269	1.00	4.66	12.5	46.5515	100.0		
65	65 13C4-PFOS	503 > 79.9	4.98e3	4.98e3	0.269	1.00	4.74	12.5	46.5515	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.11e4	3.11e4	0.269	1.00	5.04	12.5	46.5515	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.72e4	3.72e4	0.269	1.00	5.37	12.5	46.5515	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-15.qld

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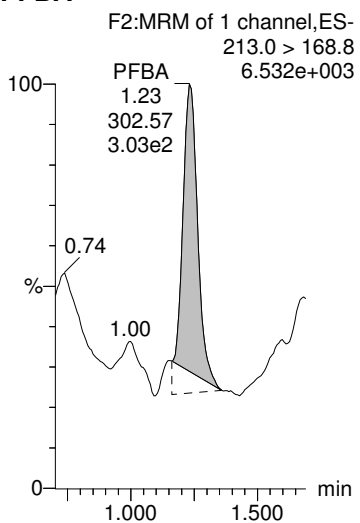
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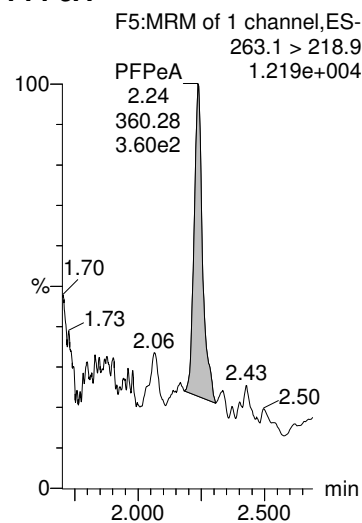
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Name: 180826M1_15, Date: 26-Aug-2018, Time: 16:41:30, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

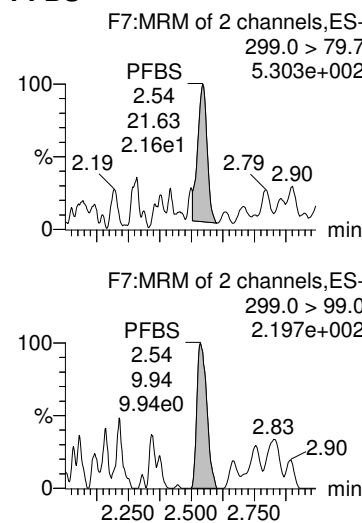
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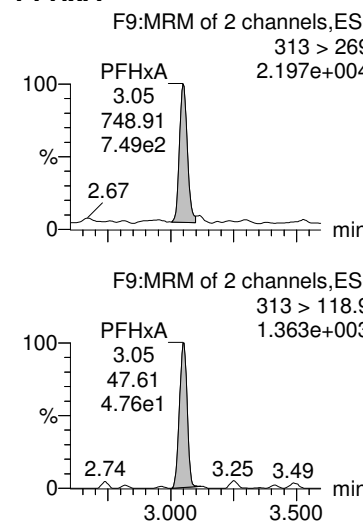
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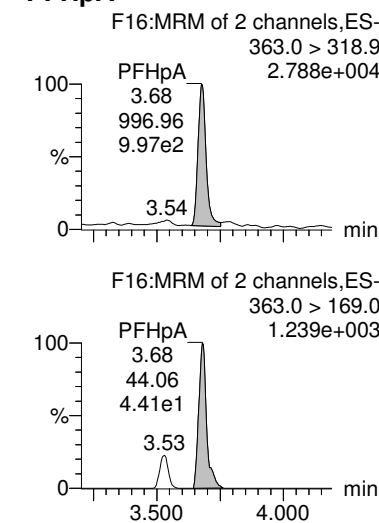
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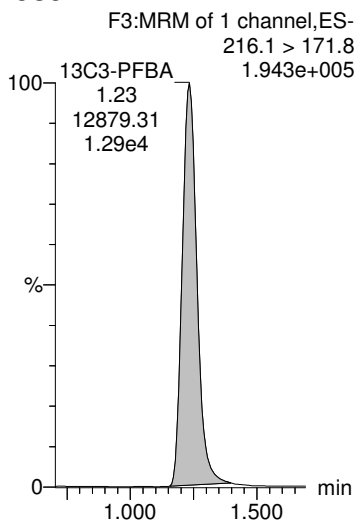
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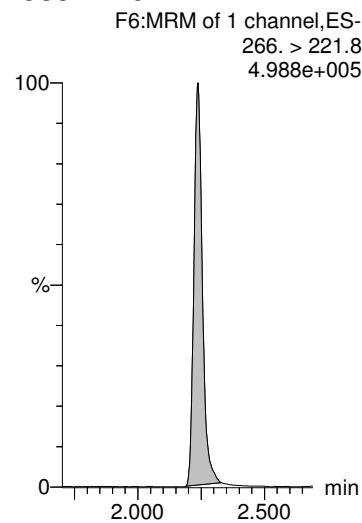
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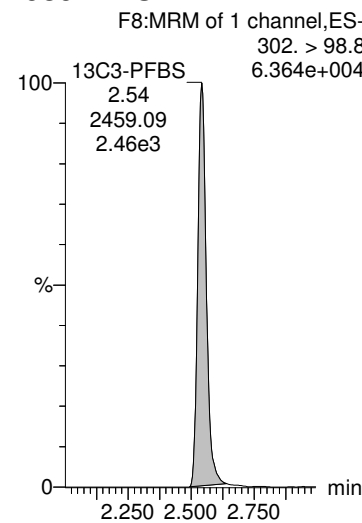
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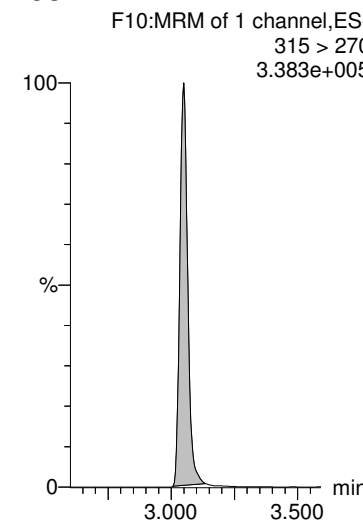
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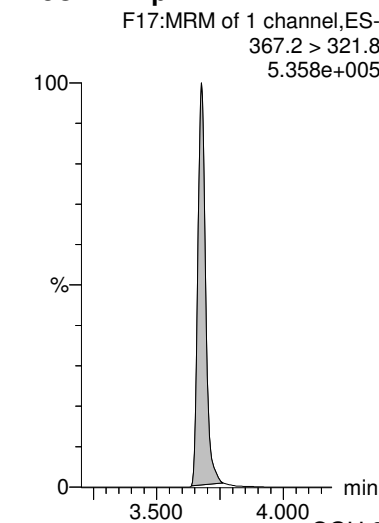
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



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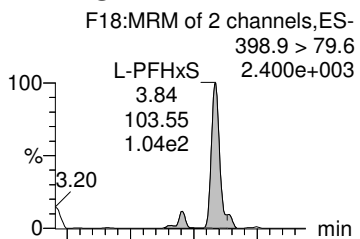
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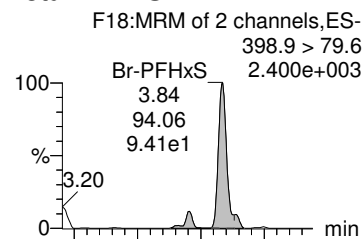
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Name: 180826M1_15, Date: 26-Aug-2018, Time: 16:41:30, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

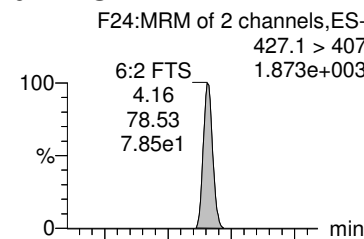
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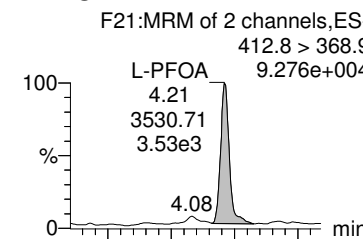
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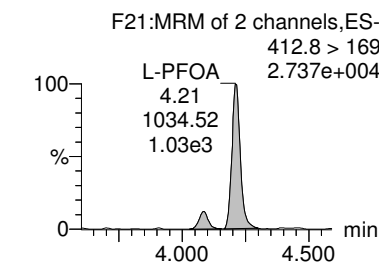
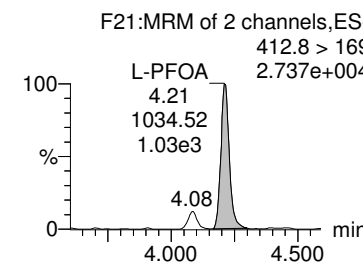
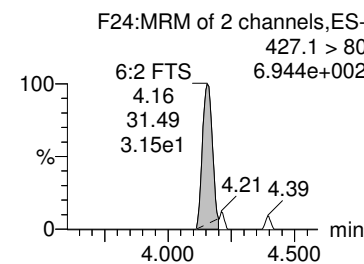
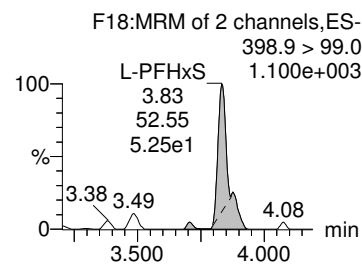
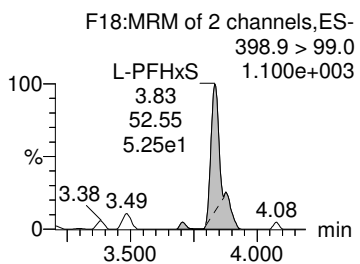
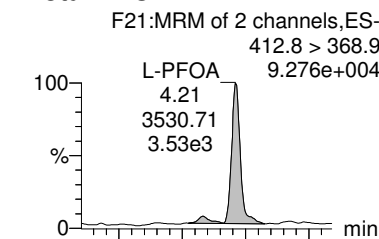
6:2 FTS



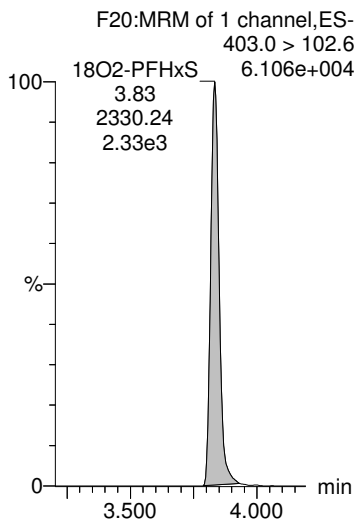
L-PFOA



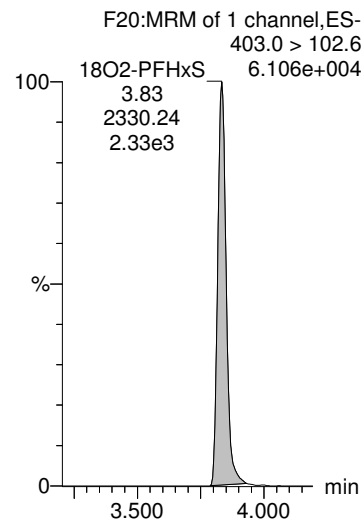
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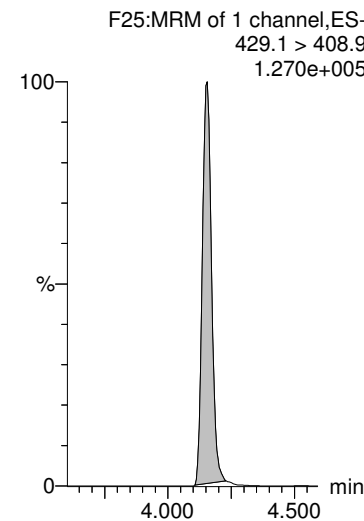
18O2-PFHxS



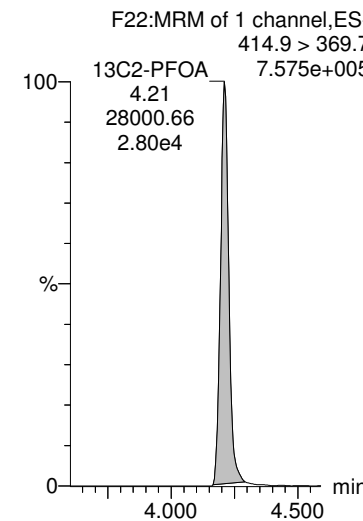
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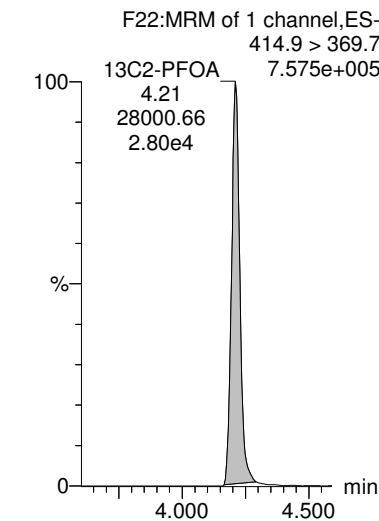
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



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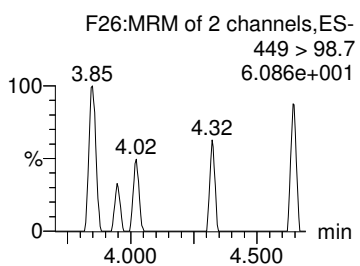
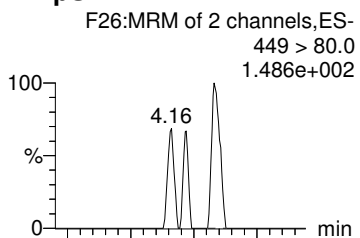
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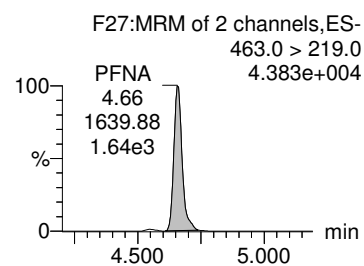
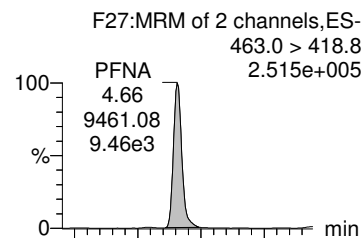
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Name: 180826M1_15, Date: 26-Aug-2018, Time: 16:41:30, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

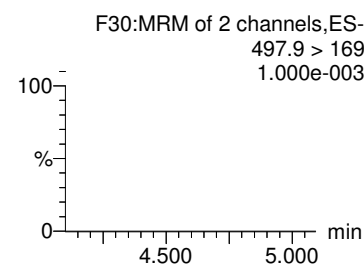
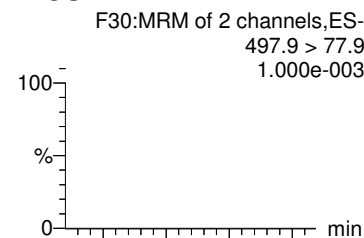
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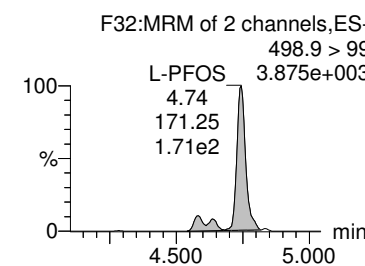
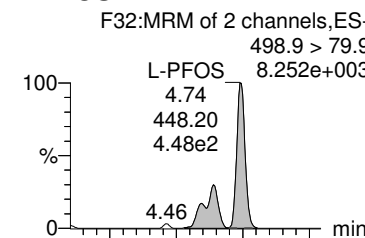
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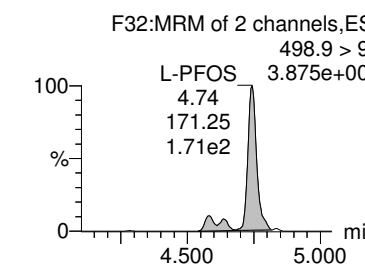
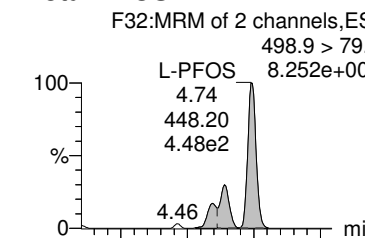
PFOSA



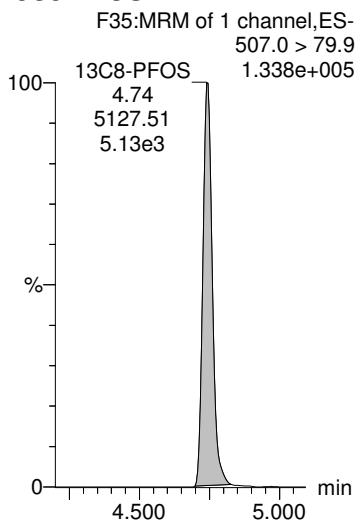
L-PFOS



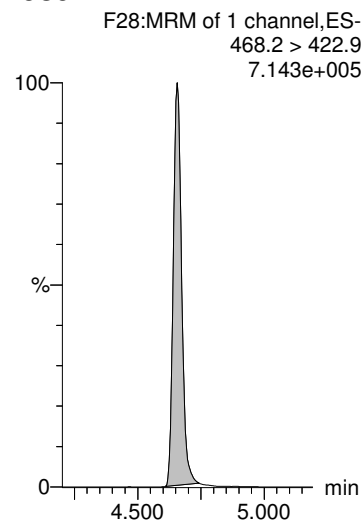
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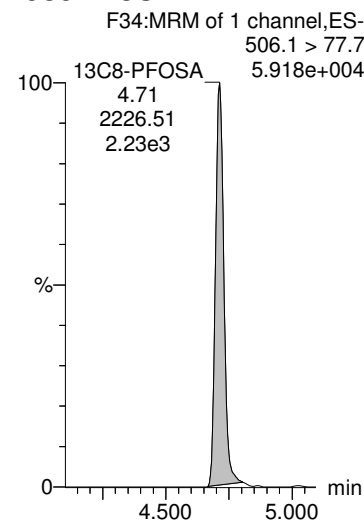
13C8-PFOS



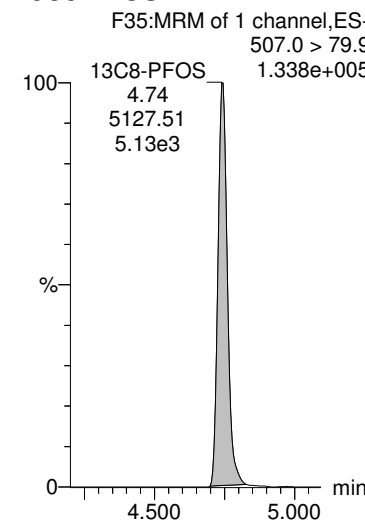
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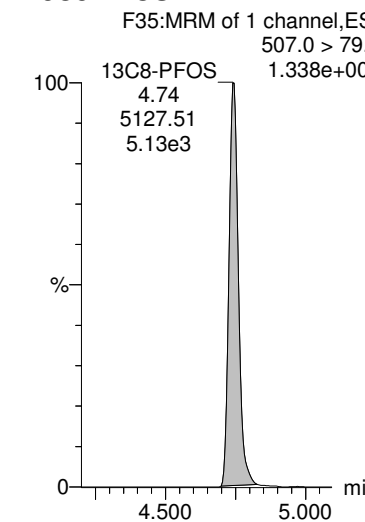
13C8-PFOSA



13C8-PFOS



13C8-PFOS



Dataset: Z:\Projects\PFAS.PRO\Results\180826M1\180826M1-15.qld

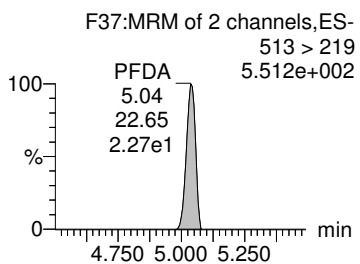
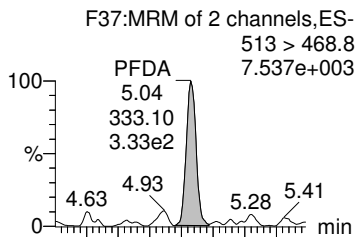
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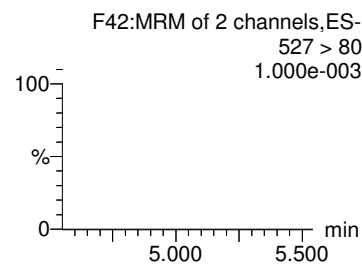
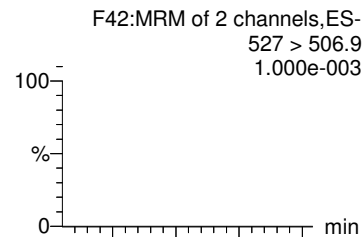
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Name: 180826M1_15, Date: 26-Aug-2018, Time: 16:41:30, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

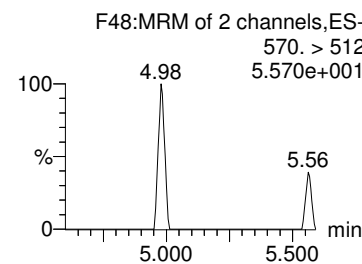
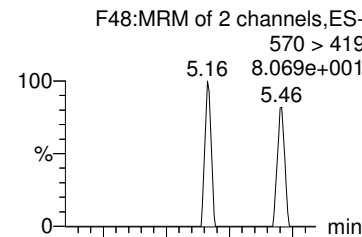
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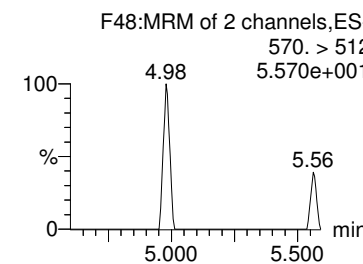
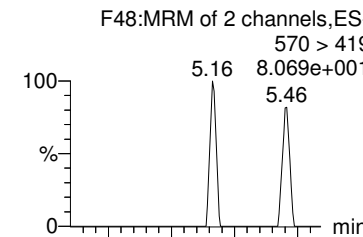
8:2 FTS



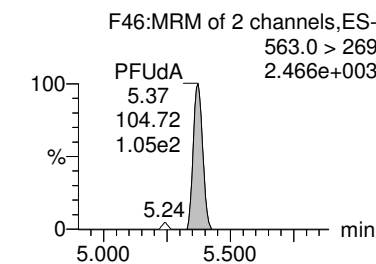
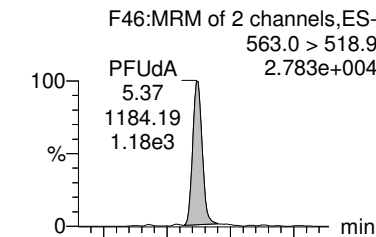
L-MeFOSAA



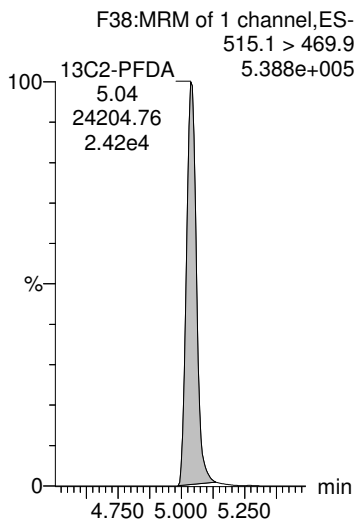
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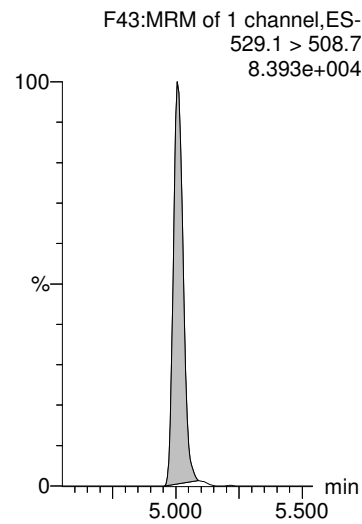
PFUdA



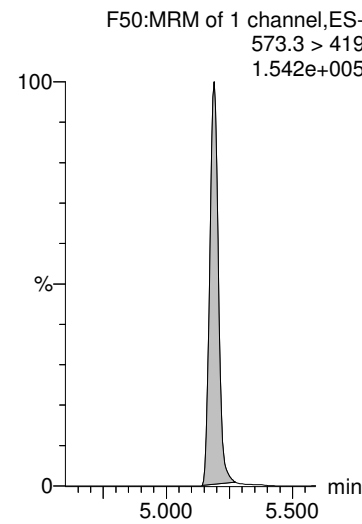
13C2-PFDA



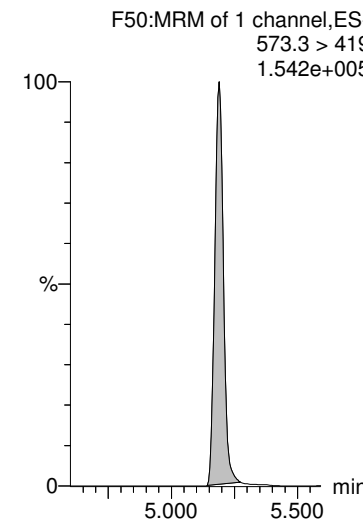
13C2-8:2 FTS



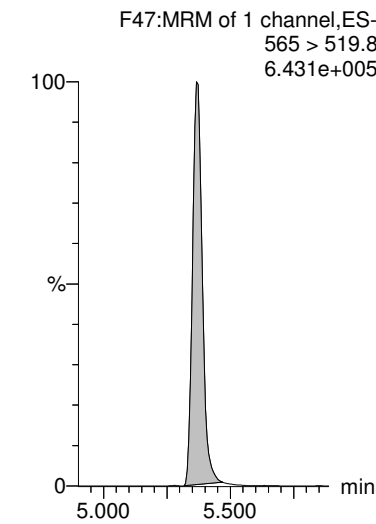
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



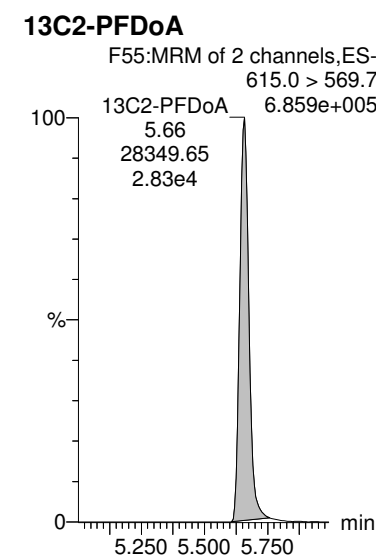
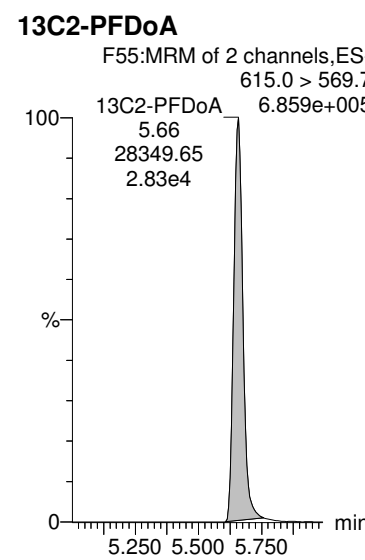
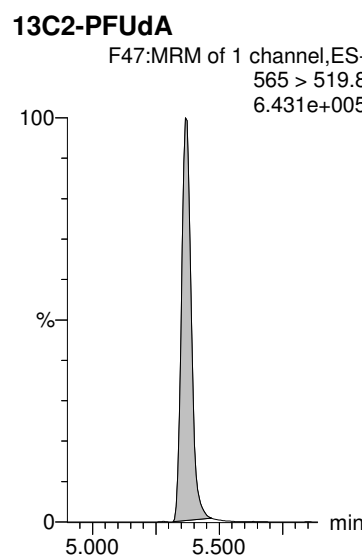
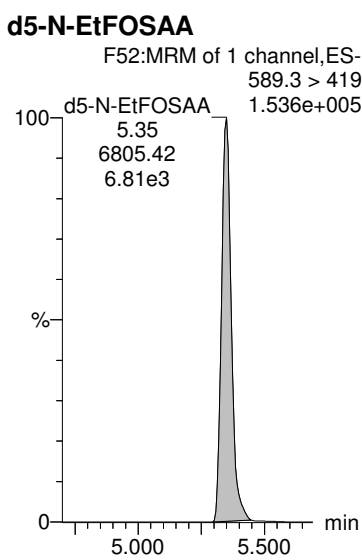
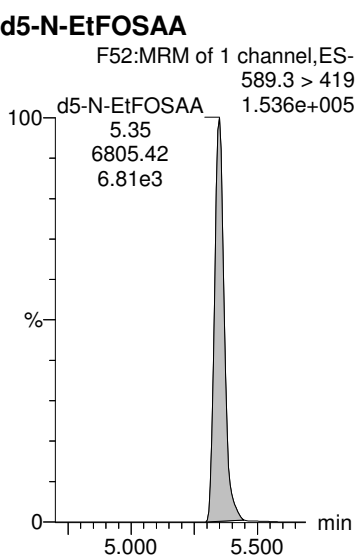
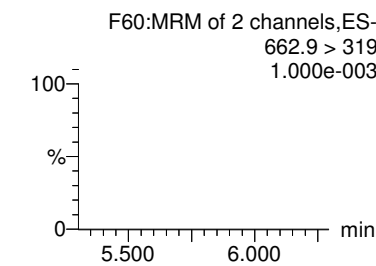
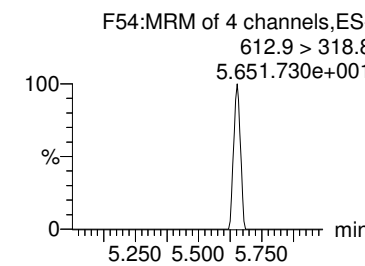
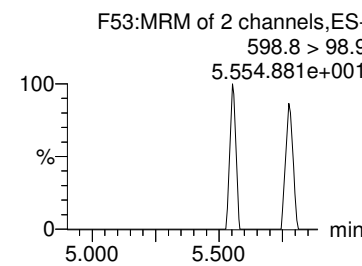
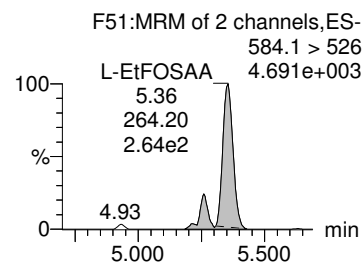
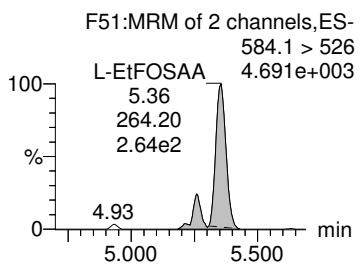
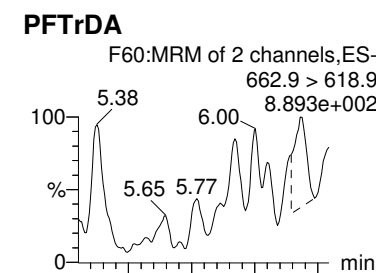
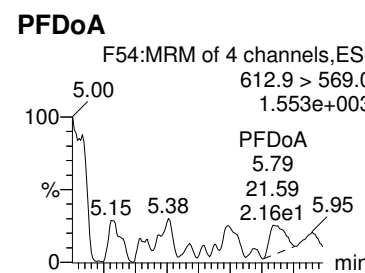
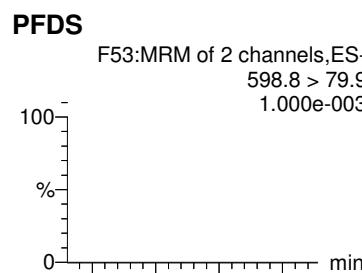
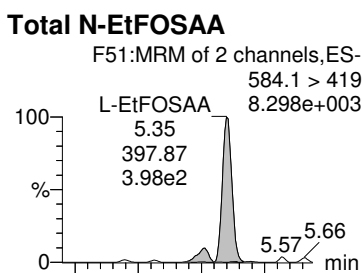
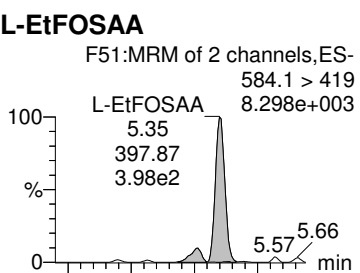
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Name: 180826M1_15, Date: 26-Aug-2018, Time: 16:41:30, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726



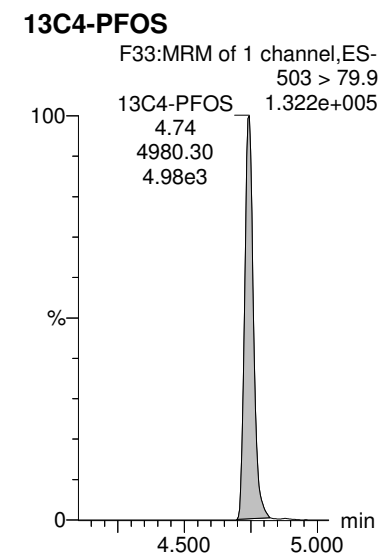
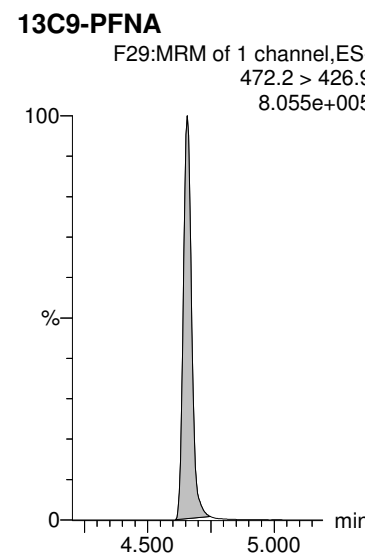
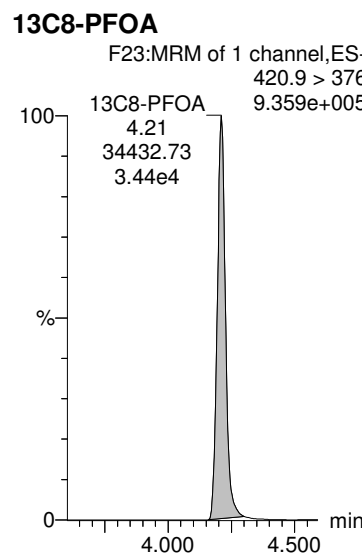
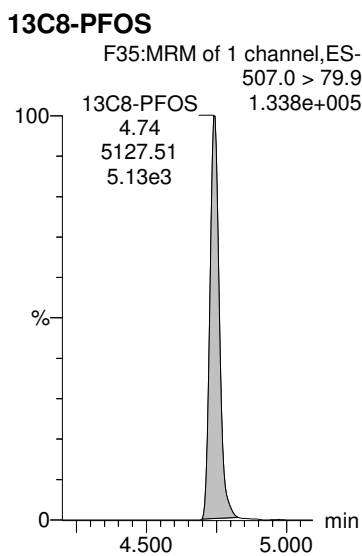
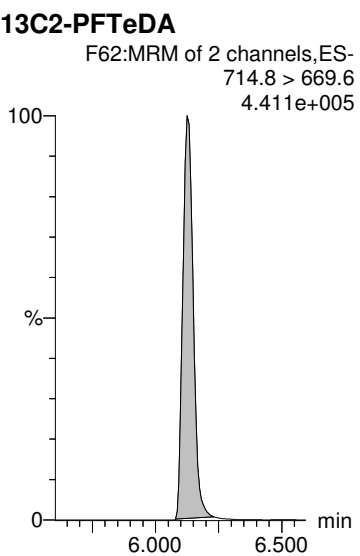
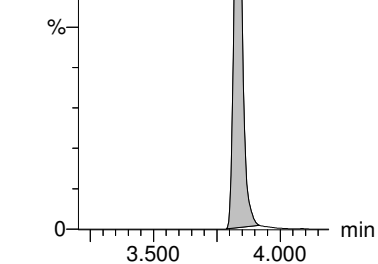
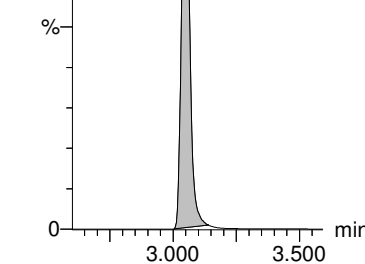
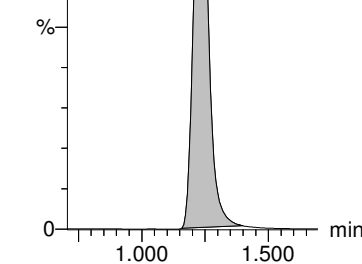
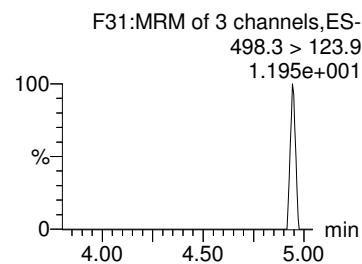
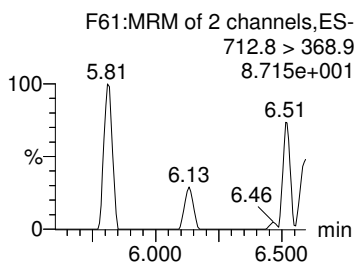
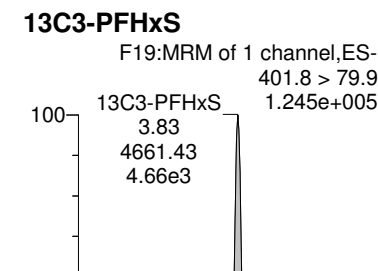
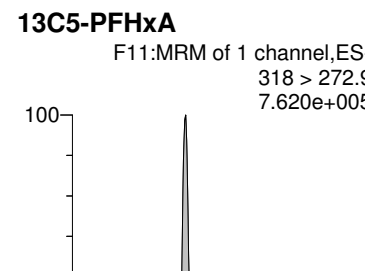
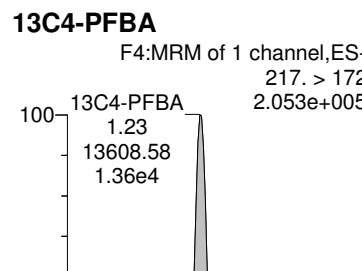
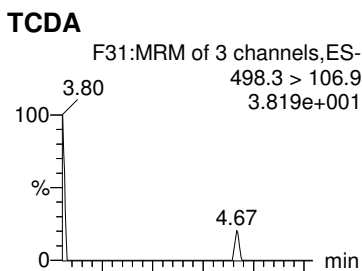
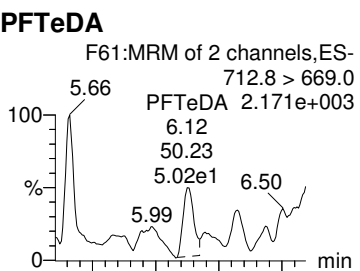
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MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 15:40:34 Pacific Daylight Time

Printed: Thursday, August 30, 2018 15:41:11 Pacific Daylight Time

Name: 180826M1_15, Date: 26-Aug-2018, Time: 16:41:30, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726



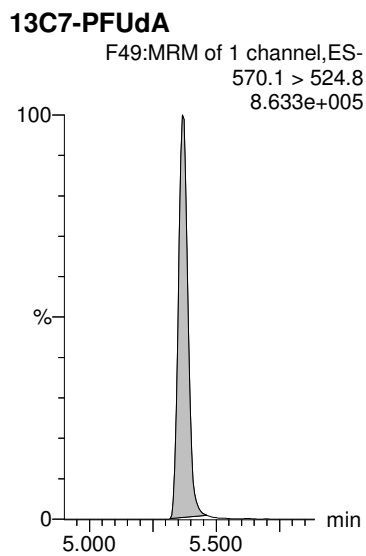
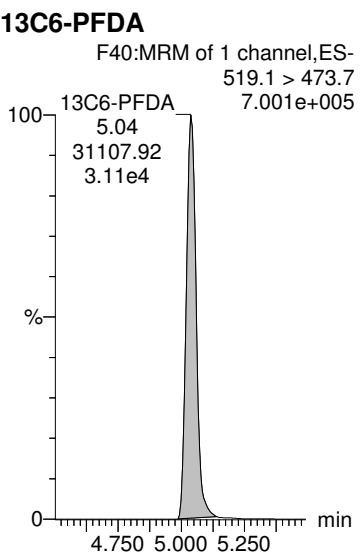
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MMM 9/6/2018

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Printed: Thursday, August 30, 2018 15:41:11 Pacific Daylight Time

Name: 180826M1_15, Date: 26-Aug-2018, Time: 16:41:30, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-42.qld

MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 14:41:25 Pacific Daylight Time

Printed: Thursday, August 30, 2018 14:41:53 Pacific Daylight Time

Name: 180825M1_42, Date: 25-Aug-2018, Time: 20:47:16, ID: 1802094-09 SA-PZ144S-20180726 0.25422, Description: SA-PZ144S-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	7.90e2	1.50e4	0.254	0.000	1.27	0.659	2.1919			
2	2 PFPeA	263.1 > 21...	1.42e3	2.21e4	0.254	0.000	2.27	0.802	3.0491			
3	3 PFBS	299.0 > 79.7		2.45e3	0.254							
4	5 PFHxA	313 > 269	2.25e3	1.37e4	0.254	0.000	3.08	0.819	3.1952		16.2	NO
5	7 PFHpA	363.0 > 31...	1.68e3	2.06e4	0.254	0.000	3.70	1.02	3.2836		20.5	NO
6	36 13C3-PFBA	216.1 > 17...	1.50e4	1.68e4	0.254	0.889	1.27	11.1	52.9075	107.6		
7	37 13C3-PFPeA	266. > 221.8	2.21e4	3.40e4	0.254	0.651	2.27	8.14	50.0032	101.7		
8	38 13C3-PFBS	302. > 98.8	2.45e3	3.40e4	0.254	0.0720	2.57	0.900	54.3221	110.5		
9	40 13C2-PFHxA	315 > 270	1.37e4	3.40e4	0.254	1.01	3.08	5.03	20.4686	104.1		
10	41 13C4-PFHpA	367.2 > 32...	2.06e4	3.40e4	0.254	0.607	3.70	7.59	50.9791	103.7		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	7.09e1	2.08e3	0.254	0.000	3.86	0.427	0.9431		1.97	NO
13	68 Total PFHxS	398.9 > 79.6	7.09e1	2.08e3	0.254			0.427	0.9431			
14	10 6:2 FTS	427.1 > 407	4.78e1	4.56e3	0.254	0.000	4.18	0.131	0.3556		2.31	NO
15	11 L-PFOA	412.8 > 36...	4.60e3	2.81e4	0.254	0.000	4.24	2.04	6.1193		3.23	NO
16	69 Total PFOA	412.8 > 36...	4.91e3	2.81e4	0.254			2.04	6.1193			
17	42 18O2-PFHxS	403.0 > 10...	2.08e3	4.25e3	0.254	0.488	3.86	6.10	46.4182	94.4		
18	42 18O2-PFHxS	403.0 > 10...	2.08e3	4.25e3	0.254	0.488	3.86	6.10	46.4182	94.4		
19	43 13C2-6:2 FTS	429.1 > 40...	4.56e3	3.74e4	0.254	0.122	4.18	1.52	44.7816	91.1		
20	44 13C2-PFOA	414.9 > 36...	2.81e4	3.74e4	0.254	0.751	4.24	9.39	42.8219	87.1		
21	44 13C2-PFOA	414.9 > 36...	2.81e4	3.74e4	0.254	0.751	4.24	9.39	42.8219	87.1		
22	-1											
23	13 PFHpS	449 > 80.0		4.14e3	0.254							
24	14 PFNA	463.0 > 41...	3.39e4	2.38e4	0.254	0.000	4.68	17.8	58.6069		5.57	NO
25	15 PFOSA	497.9 > 77.9		2.16e3	0.254							
26	16 L-PFOS	498.9 > 79.9	2.39e2	4.14e3	0.254	0.000	4.77	0.723	2.7676		3.32	YES
27	70 Total PFOS	498.9 > 79.9	2.39e2	4.14e3	0.254			0.723	2.7676			
28	47 13C8-PFOS	507.0 > 79.9	4.14e3	4.84e3	0.254	0.855	4.77	10.7	39.5378	80.4		
29	45 13C5-PFNA	468.2 > 42...	2.38e4	3.19e4	0.254	0.745	4.68	9.32	38.1737	77.6		
30	46 13C8-PFOSA	506.1 > 77.7	2.16e3	3.55e4	0.254	0.0607	4.74	0.759	15.2479	31.0		
31	47 13C8-PFOS	507.0 > 79.9	4.14e3	4.84e3	0.254	0.855	4.77	10.7	39.5378	80.4		
32	47 13C8-PFOS	507.0 > 79.9	4.14e3	4.84e3	0.254	0.855	4.77	10.7	39.5378	80.4		
33	-1											
34	18 PFDA	513 > 468.8	2.23e3	2.09e4	0.254	0.000	5.07	1.33	3.9751		6.81	NO
35	19 8:2 FTS	527 > 506.9	2.61e1	2.92e3	0.254	0.000	5.04	0.112	0.0496		1.92	NO
36	21 L-MeFOSAA	570 > 419		4.59e3	0.254							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	4.59e3	0.254			0.000				

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Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-42.qld

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Printed: Thursday, August 30, 2018 14:41:53 Pacific Daylight Time

Name: 180825M1_42, Date: 25-Aug-2018, Time: 20:47:16, ID: 1802094-09 SA-PZ144S-20180726 0.25422, Description: SA-PZ144S-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	2.78e4	2.35e4	0.254	0.000	5.40	14.8	61.7645		13.0	NO
39	48 13C2-PFDA	515.1 > 46...	2.09e4	3.24e4	0.254	0.647	5.07	8.08	33.7029	68.5		
40	49 13C2-8:2 FTS	529.1 > 50...	2.92e3	3.74e4	0.254	0.0781	5.03	0.976	36.6273	74.5		
41	50 d3-N-MeFOSAA	573.3 > 419	4.59e3	3.55e4	0.254	0.129	5.21	1.62	28.0730	57.1		
42	50 d3-N-MeFOSAA	573.3 > 419	4.59e3	3.55e4	0.254	0.129	5.21	1.62	28.0730	57.1		
43	51 13C2-PFUdA	565 > 519.8	2.35e4	3.55e4	0.254	0.662	5.40	8.27	32.2843	65.7		
44	-1											
45	23 L-EtFOSAA	584.1 > 419	1.17e2	4.96e3	0.254	0.000	5.38	0.296	1.3525		1.23	NO
46	72 Total N-EtFOSAA	584.1 > 419	1.17e2	4.96e3	0.254			0.296	1.3525			
47	26 PFDS	598.8 > 79.9		4.14e3	0.254							
48	27 PFDoA	612.9 > 56...		2.35e4	0.254							
49	29 PFTrDA	662.9 > 61...		2.35e4	0.254							
50	52 d5-N-EtFOSAA	589.3 > 419	4.96e3	3.55e4	0.254	0.140	5.37	1.75	27.8932	56.7		
51	52 d5-N-EtFOSAA	589.3 > 419	4.96e3	3.55e4	0.254	0.140	5.37	1.75	27.8932	56.7		
52	51 13C2-PFUdA	565 > 519.8	2.35e4	3.55e4	0.254	0.662	5.40	8.27	32.2843	65.7		
53	53 13C2-PFDoA	615.0 > 56...	2.35e4	3.24e4	0.254	0.726	5.68	9.08	31.2569	63.6		
54	53 13C2-PFDoA	615.0 > 56...	2.35e4	3.24e4	0.254	0.726	5.68	9.08	31.2569	63.6		
55	-1											
56	30 PFTeDA	712.8 > 66...		1.88e4	0.254							
57	73 TCDA	498.3>106.9			0.254							
58	60 13C4-PFBA	217. > 172	1.68e4	1.68e4	0.254	1.00	1.27	12.5	49.1700	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.40e4	3.40e4	0.254	1.00	3.07	12.5	49.1700	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.25e3	4.25e3	0.254	1.00	3.86	12.5	49.1700	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	1.88e4	3.55e4	0.254	0.528	6.15	6.60	35.9258	73.1		
62	47 13C8-PFOS	507.0 > 79.9	4.14e3	4.84e3	0.254	0.855	4.77	10.7	39.5378	80.4		
63	63 13C8-PFOA	420.9 > 376	3.74e4	3.74e4	0.254	1.00	4.24	12.5	49.1700	100.0		
64	64 13C9-PFNA	472.2 > 42...	3.19e4	3.19e4	0.254	1.00	4.68	12.5	49.1700	100.0		
65	65 13C4-PFOS	503 > 79.9	4.84e3	4.84e3	0.254	1.00	4.77	12.5	49.1700	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.24e4	3.24e4	0.254	1.00	5.06	12.5	49.1700	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.55e4	3.55e4	0.254	1.00	5.39	12.5	49.1700	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-42.qld

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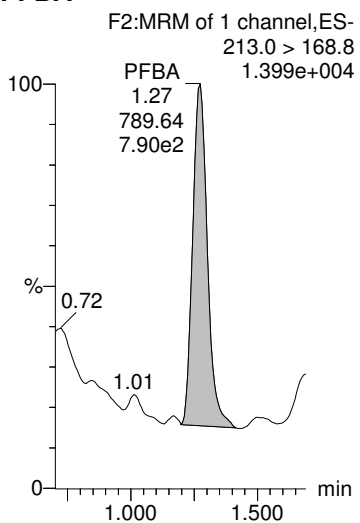
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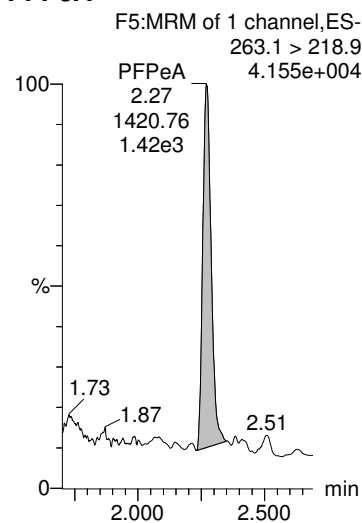
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Name: 180825M1_42, Date: 25-Aug-2018, Time: 20:47:16, ID: 1802094-09 SA-PZ144S-20180726 0.25422, Description: SA-PZ144S-20180726

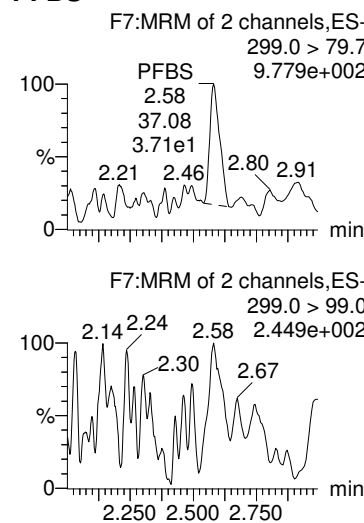
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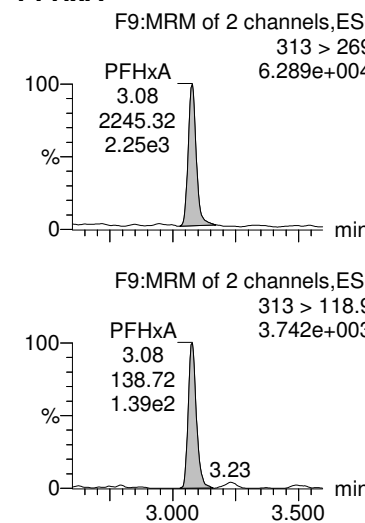
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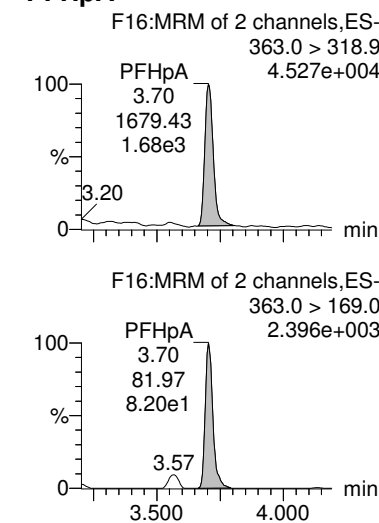
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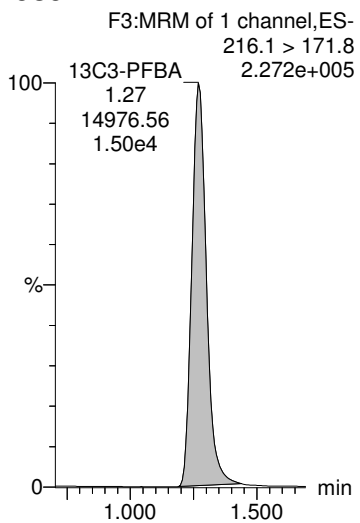
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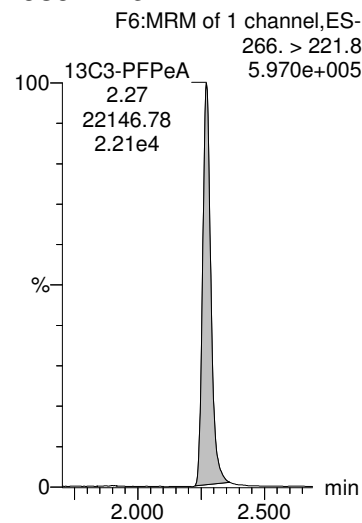
PFHpA



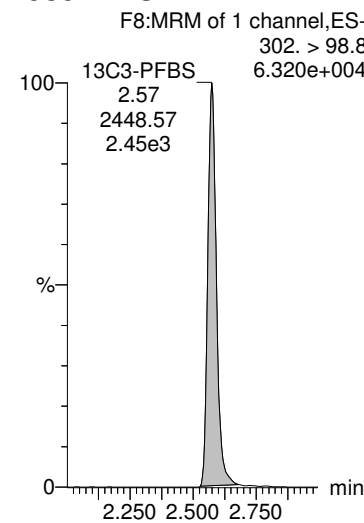
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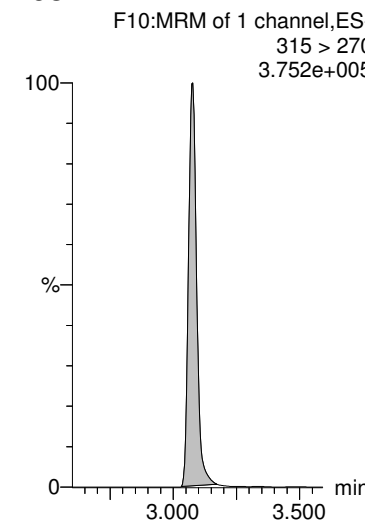
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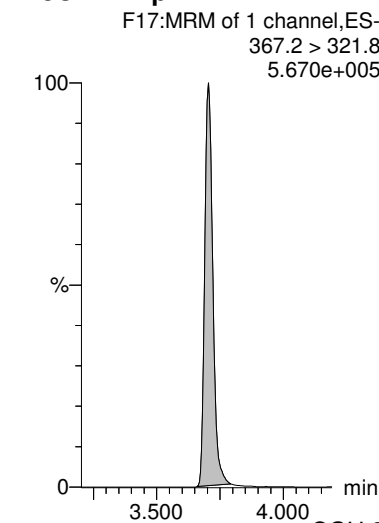
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



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Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-42.qld

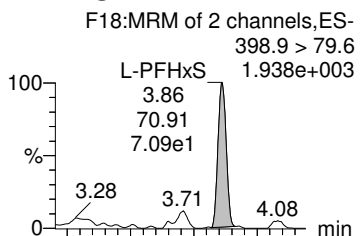
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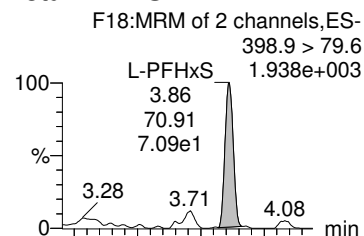
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Name: 180825M1_42, Date: 25-Aug-2018, Time: 20:47:16, ID: 1802094-09 SA-PZ144S-20180726 0.25422, Description: SA-PZ144S-20180726

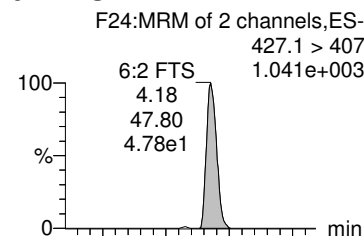
L-PFHxS



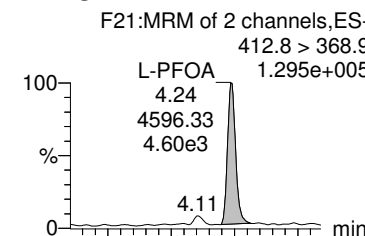
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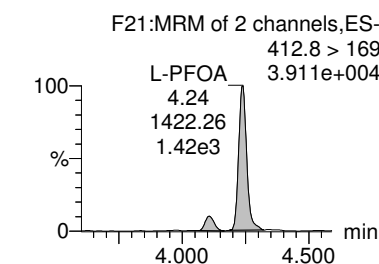
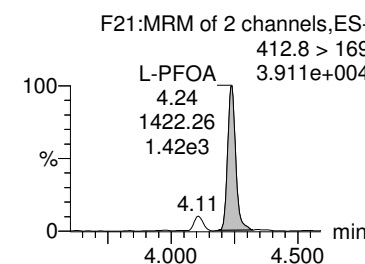
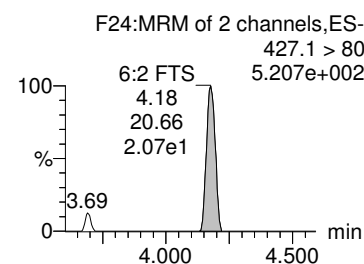
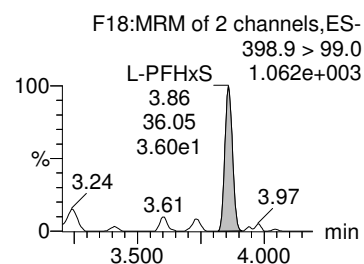
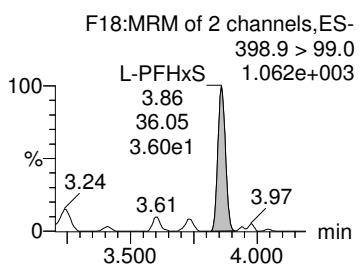
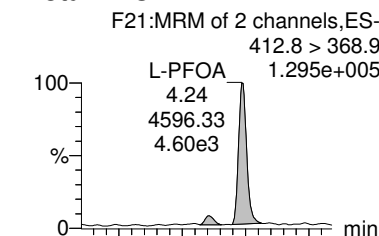
6:2 FTS



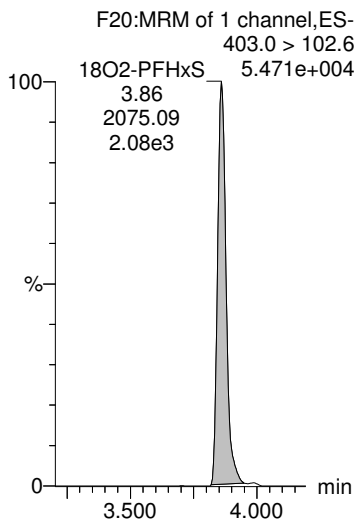
L-PFOA



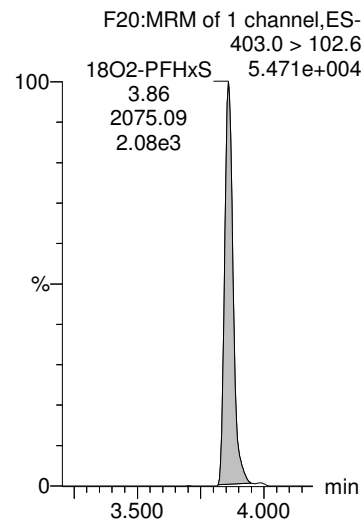
Total PFOA



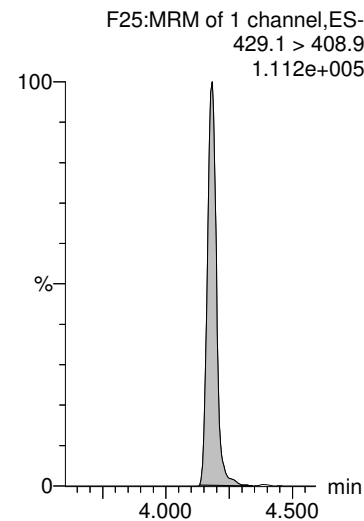
18O2-PFHxS



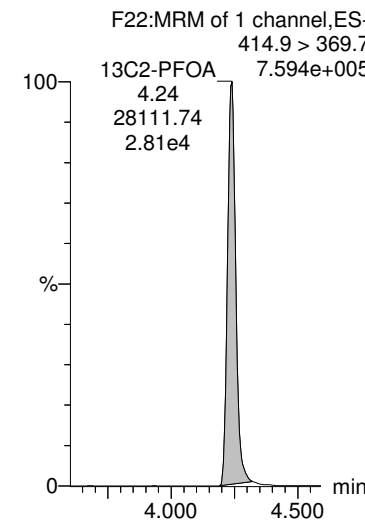
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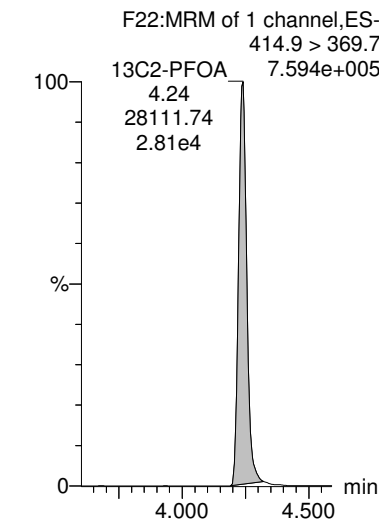
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



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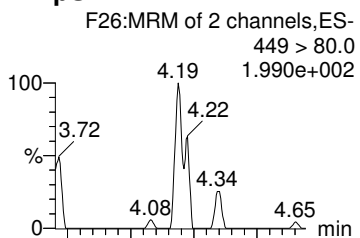
MMM 9/6/2018

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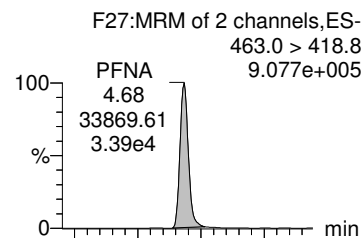
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Name: 180825M1_42, Date: 25-Aug-2018, Time: 20:47:16, ID: 1802094-09 SA-PZ144S-20180726 0.25422, Description: SA-PZ144S-20180726

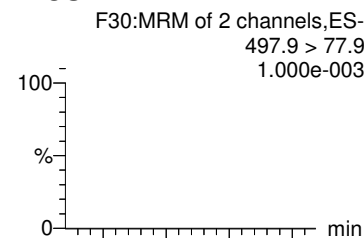
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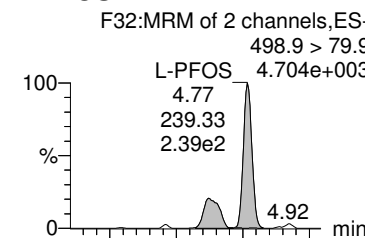
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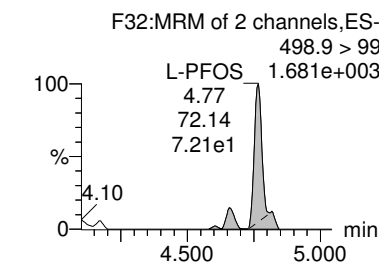
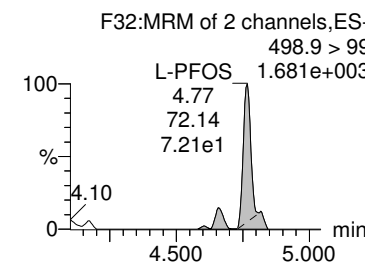
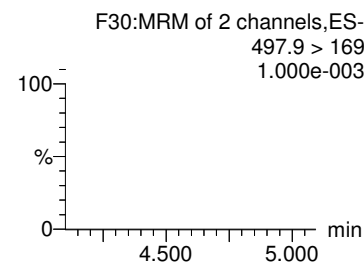
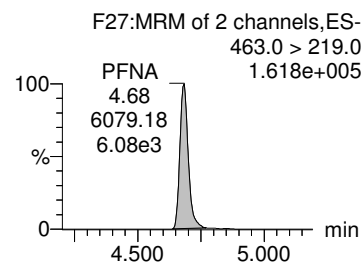
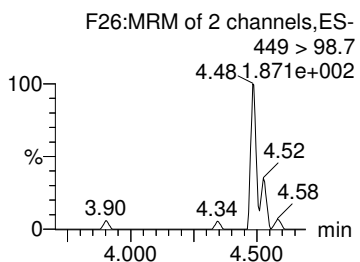
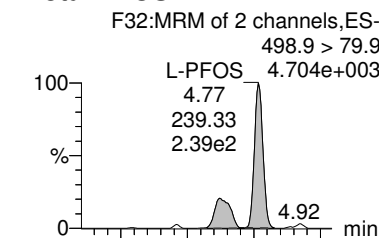
PFOSA



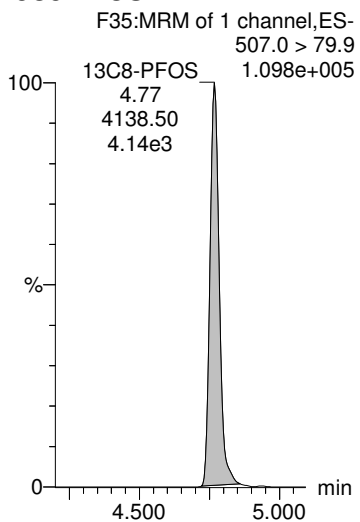
L-PFOS



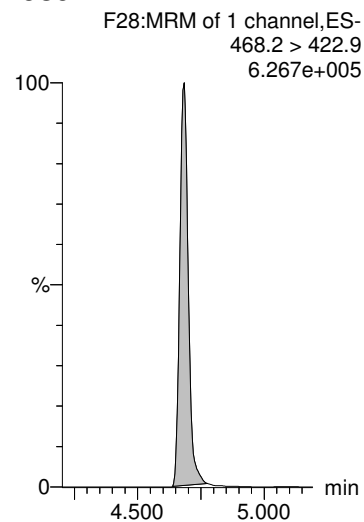
Total PFOS



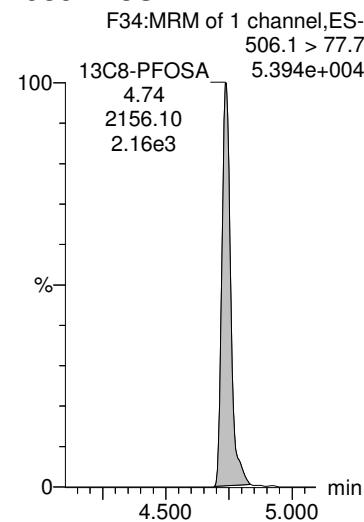
13C8-PFOS



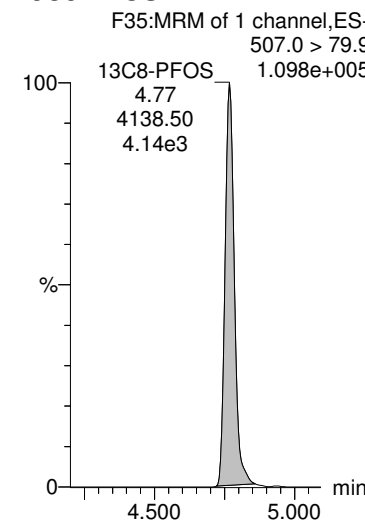
13C5-PFNA



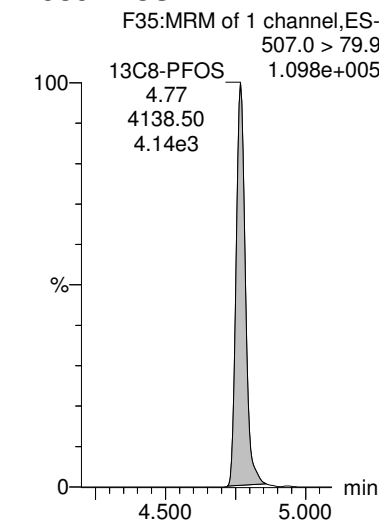
13C8-PFOSA



13C8-PFOS



13C8-PFOS



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-42.qld

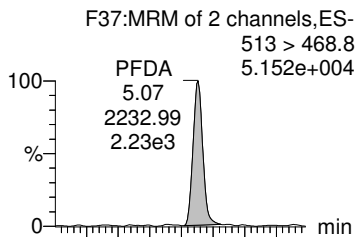
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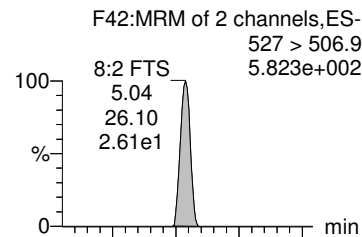
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Name: 180825M1_42, Date: 25-Aug-2018, Time: 20:47:16, ID: 1802094-09 SA-PZ144S-20180726 0.25422, Description: SA-PZ144S-20180726

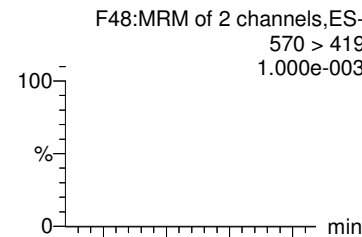
PFDA



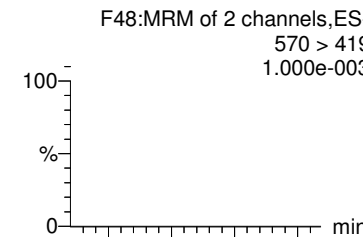
8:2 FTS



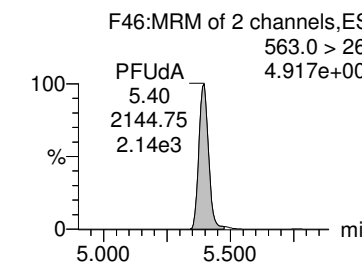
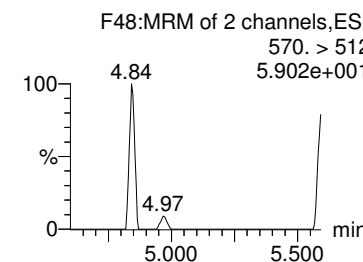
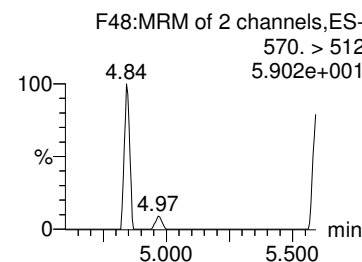
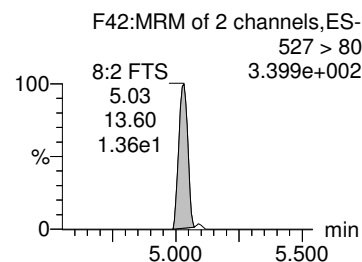
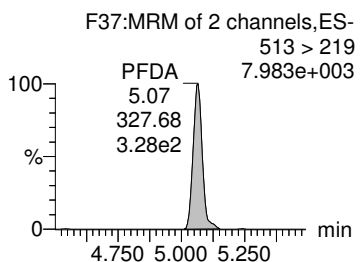
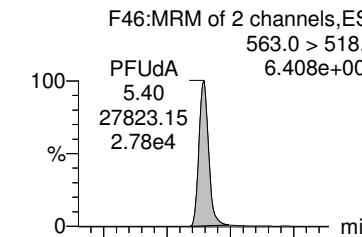
L-MeFOSAA



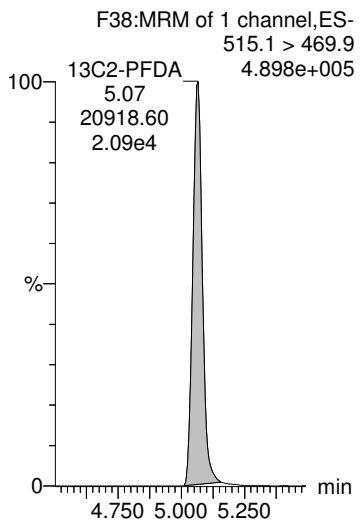
Total N-MeFOSAA



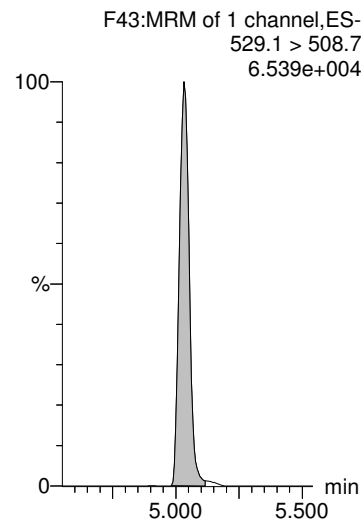
PFUdA



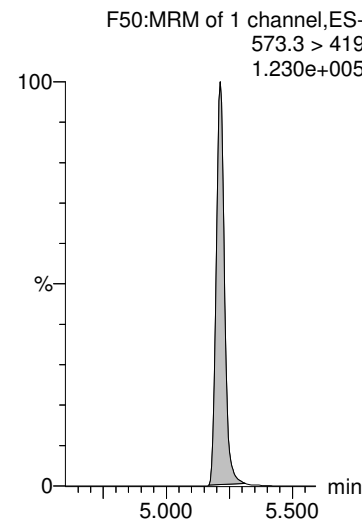
13C2-PFDA



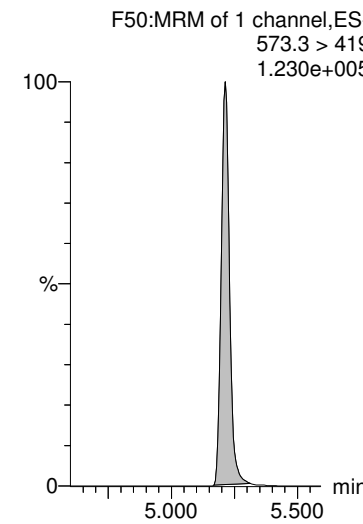
13C2-8:2 FTS



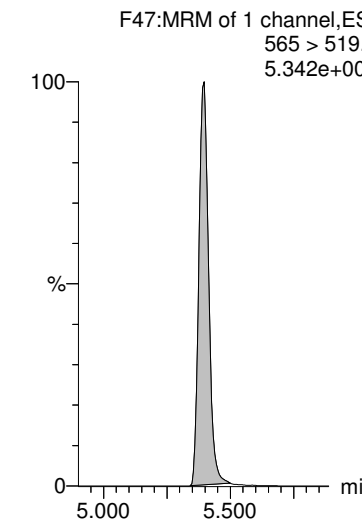
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



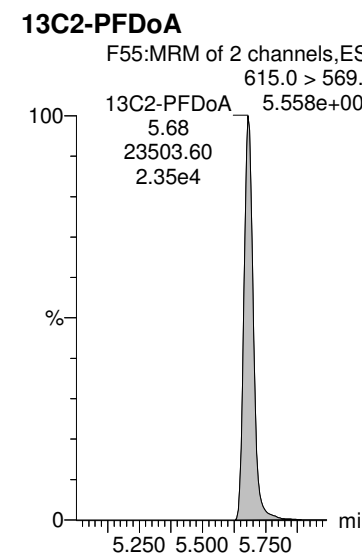
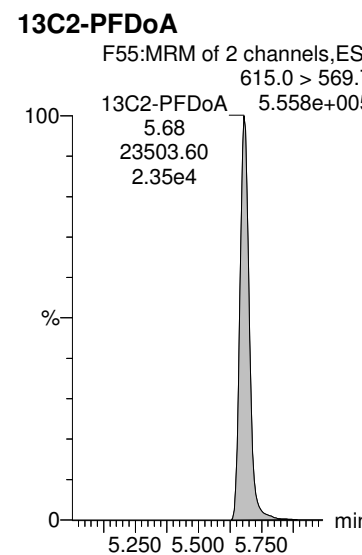
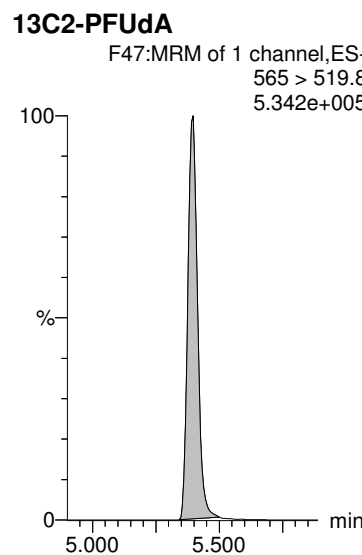
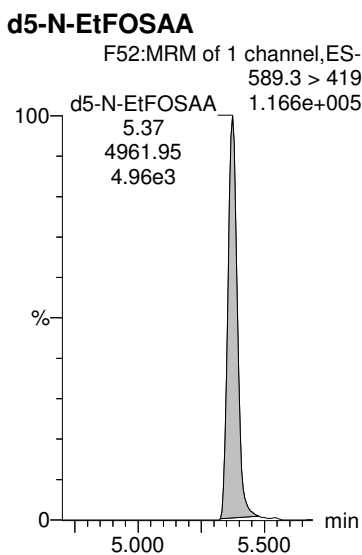
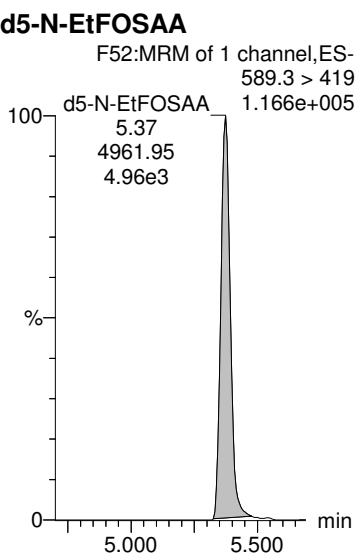
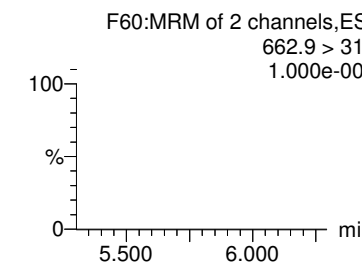
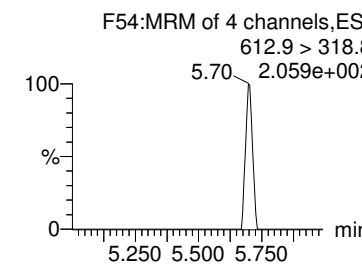
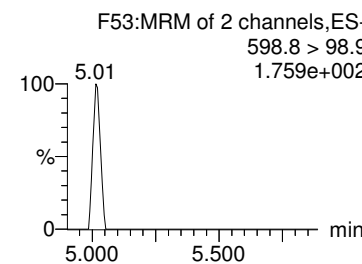
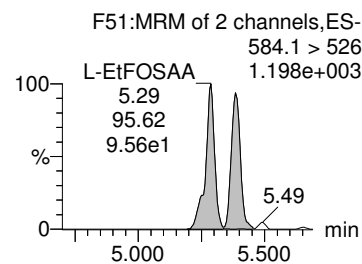
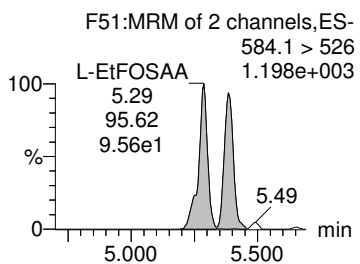
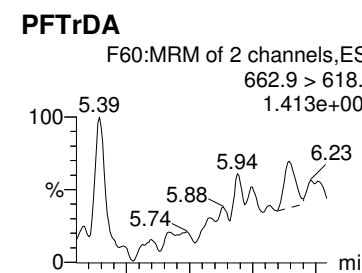
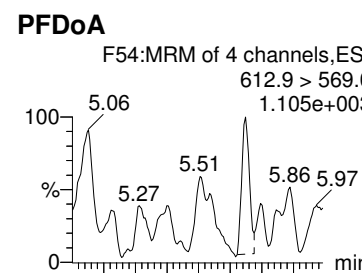
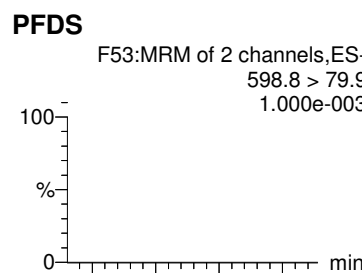
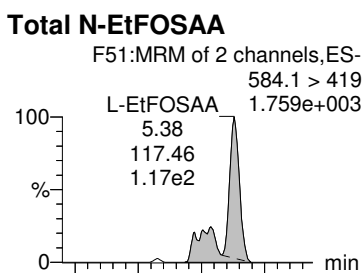
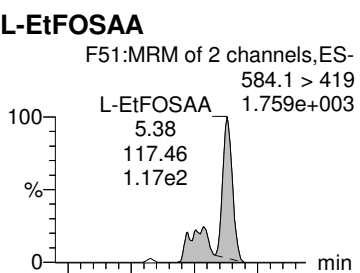
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-42.qld

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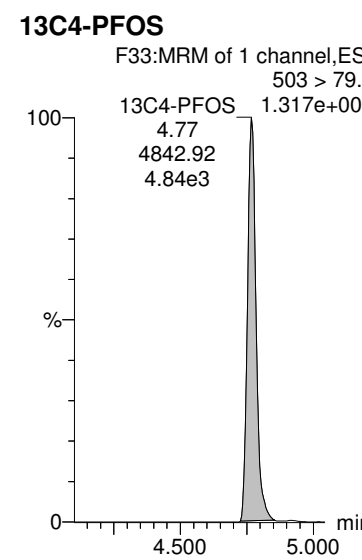
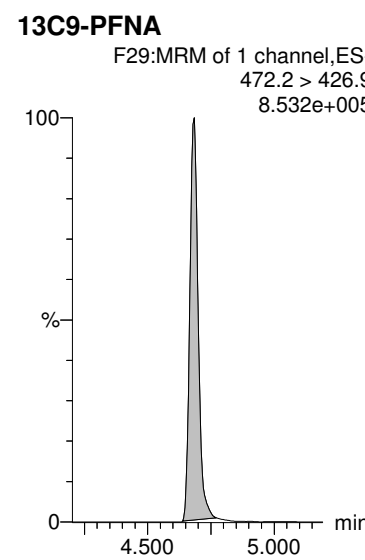
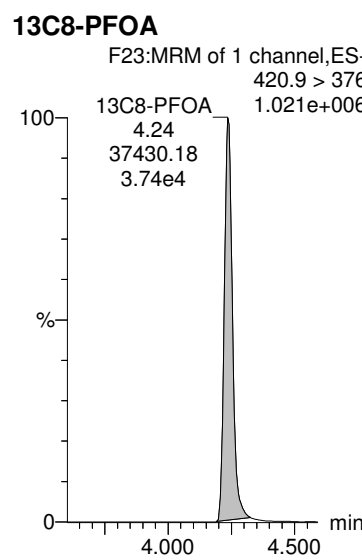
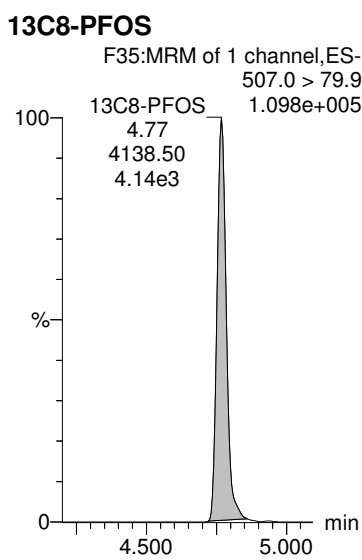
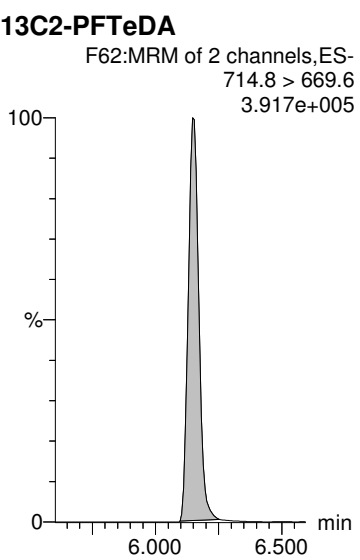
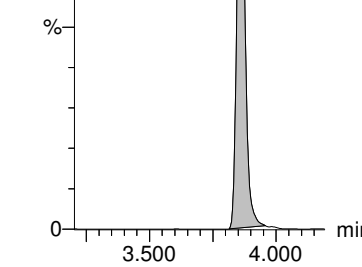
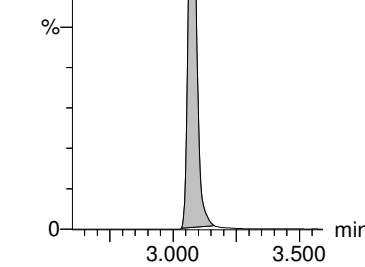
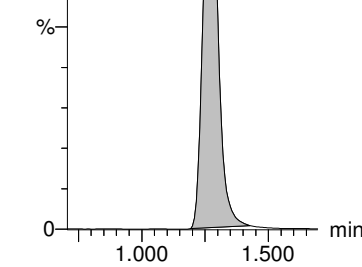
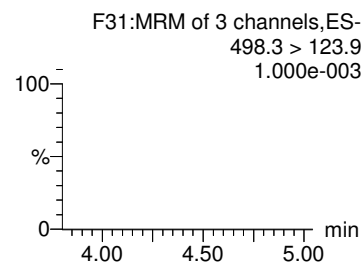
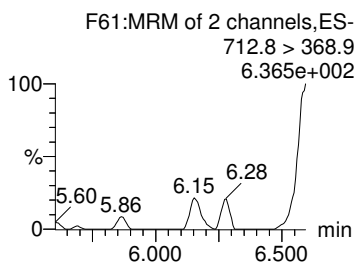
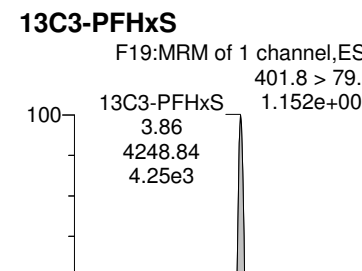
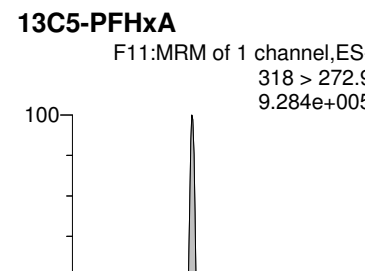
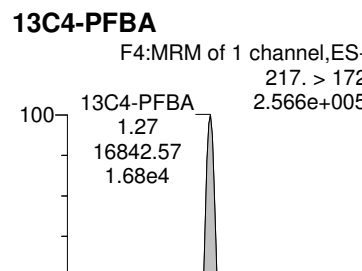
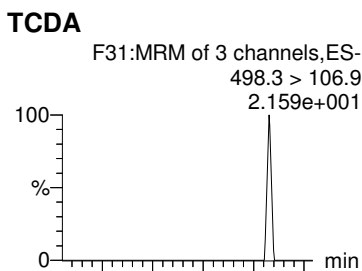
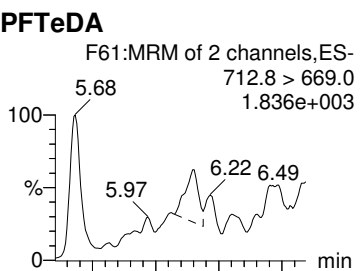
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-42.qld

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Name: 180825M1_42, Date: 25-Aug-2018, Time: 20:47:16, ID: 1802094-09 SA-PZ144S-20180726 0.25422, Description: SA-PZ144S-20180726



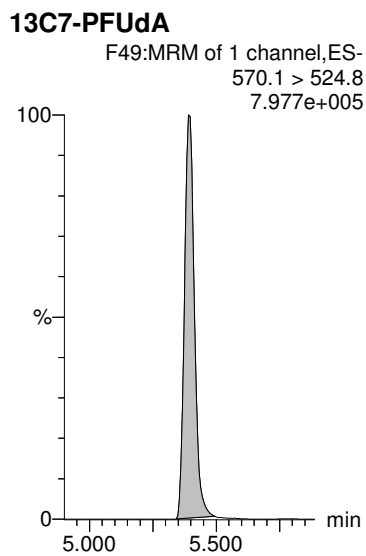
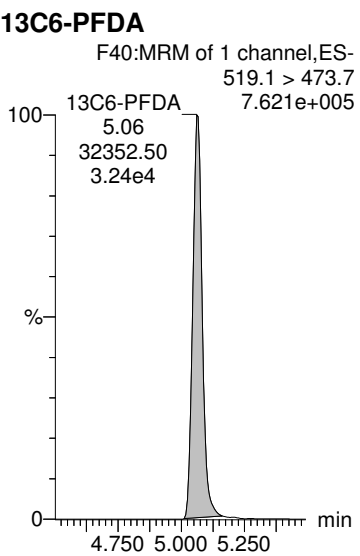
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Name: 180825M1_42, Date: 25-Aug-2018, Time: 20:47:16, ID: 1802094-09 SA-PZ144S-20180726 0.25422, Description: SA-PZ144S-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-43.qld

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Name: 180825M1_43, Date: 25-Aug-2018, Time: 20:57:48, ID: 1802094-10 SA-PZ171I-20180727 0.25964, Description: SA-PZ171I-20180727

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...		1.25e4	0.260							
2	2 PFPeA	263.1 > 21...	3.13e3	1.87e4	0.260	0.000	2.27	2.09	8.2312			
3	3 PFBS	299.0 > 79.7		2.50e3	0.260							
4	5 PFHxA	313 > 269	5.51e3	1.21e4	0.260	0.000	3.07	2.27	9.1008		16.1	NO
5	7 PFHpA	363.0 > 31...	8.97e3	1.88e4	0.260	0.000	3.70	5.95	19.5230		25.2	NO
6	36 13C3-PFBA	216.1 > 17...	1.25e4	1.55e4	0.260	0.806	1.26	10.1	46.9733	97.6		
7	37 13C3-PFPeA	266. > 221.8	1.87e4	3.28e4	0.260	0.571	2.27	7.13	42.9254	89.2		
8	38 13C3-PFBS	302. > 98.8	2.50e3	3.28e4	0.260	0.0763	2.57	0.954	56.3883	117.1		
9	40 13C2-PFHxA	315 > 270	1.21e4	3.28e4	0.260	0.926	3.07	4.63	18.4335	95.7		
10	41 13C4-PFHpA	367.2 > 32...	1.88e4	3.28e4	0.260	0.575	3.70	7.19	47.2912	98.2		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	9.46e1	2.19e3	0.260	0.000	3.86	0.541	1.1778		1.54	NO
13	68 Total PFHxS	398.9 > 79.6	9.46e1	2.19e3	0.260			0.541	1.1778			
14	10 6:2 FTS	427.1 > 407	1.24e3	4.83e3	0.260	0.000	4.18	3.21	12.0397		2.94	NO
15	11 L-PFOA	412.8 > 36...	2.56e4	2.77e4	0.260	0.000	4.24	11.6	35.9498		3.17	NO
16	69 Total PFOA	412.8 > 36...	2.60e4	2.77e4	0.260			11.7	35.9952			
17	42 18O2-PFHxS	403.0 > 10...	2.19e3	4.70e3	0.260	0.465	3.86	5.81	43.2491	89.8		
18	42 18O2-PFHxS	403.0 > 10...	2.19e3	4.70e3	0.260	0.465	3.86	5.81	43.2491	89.8		
19	43 13C2-6:2 FTS	429.1 > 40...	4.83e3	3.68e4	0.260	0.131	4.18	1.64	47.2809	98.2		
20	44 13C2-PFOA	414.9 > 36...	2.77e4	3.68e4	0.260	0.752	4.24	9.40	41.9746	87.2		
21	44 13C2-PFOA	414.9 > 36...	2.77e4	3.68e4	0.260	0.752	4.24	9.40	41.9746	87.2		
22	-1											
23	13 PFHpS	449 > 80.0		4.82e3	0.260							
24	14 PFNA	463.0 > 41...	5.59e5	2.03e4	0.260	0.000	4.68	344	1088.7799		5.39	NO
25	15 PFOSA	497.9 > 77.9		2.25e3	0.260							
26	16 L-PFOS	498.9 > 79.9	8.21e2	4.82e3	0.260	0.000	4.77	2.13	8.3144		2.16	NO
27	70 Total PFOS	498.9 > 79.9	8.21e2	4.82e3	0.260			2.13	8.3144			
28	47 13C8-PFOS	507.0 > 79.9	4.82e3	5.15e3	0.260	0.937	4.77	11.7	42.4254	88.1		
29	45 13C5-PFNA	468.2 > 42...	2.03e4	2.71e4	0.260	0.749	4.68	9.36	37.5525	78.0		
30	46 13C8-PFOSA	506.1 > 77.7	2.25e3	3.21e4	0.260	0.0703	4.74	0.878	17.2773	35.9		
31	47 13C8-PFOS	507.0 > 79.9	4.82e3	5.15e3	0.260	0.937	4.77	11.7	42.4254	88.1		
32	47 13C8-PFOS	507.0 > 79.9	4.82e3	5.15e3	0.260	0.937	4.77	11.7	42.4254	88.1		
33	-1											
34	18 PFDA	513 > 468.8	1.57e4	2.20e4	0.260	0.000	5.07	8.92	27.8925		6.78	NO
35	19 8:2 FTS	527 > 506.9	5.08e2	3.44e3	0.260	0.000	5.03	1.85	4.8033		2.66	NO
36	21 L-MeFOSAA	570 > 419		4.77e3	0.260							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	4.77e3	0.260			0.000				

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Name: 180825M1_43, Date: 25-Aug-2018, Time: 20:57:48, ID: 1802094-10 SA-PZ171I-20180727 0.25964, Description: SA-PZ171I-20180727

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	2.67e5	2.10e4	0.260	0.000	5.40	159	653.1858		12.3	NO
39	48 13C2-PFDA	515.1 > 46...	2.20e4	3.38e4	0.260	0.652	5.07	8.15	33.2588	69.1		
40	49 13C2-8:2 FTS	529.1 > 50...	3.44e3	3.68e4	0.260	0.0933	5.03	1.17	42.8572	89.0		
41	50 d3-N-MeFOSAA	573.3 > 419	4.77e3	3.21e4	0.260	0.149	5.21	1.86	31.5614	65.6		
42	50 d3-N-MeFOSAA	573.3 > 419	4.77e3	3.21e4	0.260	0.149	5.21	1.86	31.5614	65.6		
43	51 13C2-PFUdA	565 > 519.8	2.10e4	3.21e4	0.260	0.655	5.40	8.19	31.2796	65.0		
44	-1											
45	23 L-EtFOSAA	584.1 > 419	5.45e2	4.88e3	0.260	0.000	5.38	1.39	5.6560		1.44	NO
46	72 Total N-EtFOSAA	584.1 > 419	5.45e2	4.88e3	0.260			1.39	5.6560			
47	26 PFDS	598.8 > 79.9		4.82e3	0.260							
48	27 PFDoA	612.9 > 56...		2.37e4	0.260							
49	29 PFTrDA	662.9 > 61...		2.37e4	0.260							
50	52 d5-N-EtFOSAA	589.3 > 419	4.88e3	3.21e4	0.260	0.152	5.37	1.90	29.7470	61.8		
51	52 d5-N-EtFOSAA	589.3 > 419	4.88e3	3.21e4	0.260	0.152	5.37	1.90	29.7470	61.8		
52	51 13C2-PFUdA	565 > 519.8	2.10e4	3.21e4	0.260	0.655	5.40	8.19	31.2796	65.0		
53	53 13C2-PFDoA	615.0 > 56...	2.37e4	3.38e4	0.260	0.701	5.68	8.76	29.5240	61.3		
54	53 13C2-PFDoA	615.0 > 56...	2.37e4	3.38e4	0.260	0.701	5.68	8.76	29.5240	61.3		
55	-1											
56	30 PFTeDA	712.8 > 66...		1.76e4	0.260							
57	73 TCDA	498.3>106.9			0.260							
58	60 13C4-PFBA	217. > 172	1.55e4	1.55e4	0.260	1.00	1.26	12.5	48.1436	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.28e4	3.28e4	0.260	1.00	3.07	12.5	48.1436	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.70e3	4.70e3	0.260	1.00	3.86	12.5	48.1436	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	1.76e4	3.21e4	0.260	0.547	6.15	6.84	36.4449	75.7		
62	47 13C8-PFOS	507.0 > 79.9	4.82e3	5.15e3	0.260	0.937	4.77	11.7	42.4254	88.1		
63	63 13C8-PFOA	420.9 > 376	3.68e4	3.68e4	0.260	1.00	4.24	12.5	48.1436	100.0		
64	64 13C9-PFNA	472.2 > 42...	2.71e4	2.71e4	0.260	1.00	4.68	12.5	48.1436	100.0		
65	65 13C4-PFOS	503 > 79.9	5.15e3	5.15e3	0.260	1.00	4.77	12.5	48.1436	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.38e4	3.38e4	0.260	1.00	5.07	12.5	48.1436	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.21e4	3.21e4	0.260	1.00	5.40	12.5	48.1436	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-43.qld

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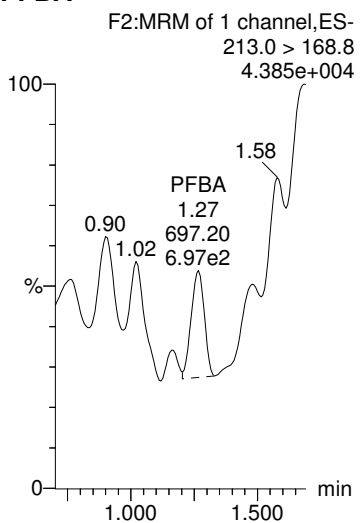
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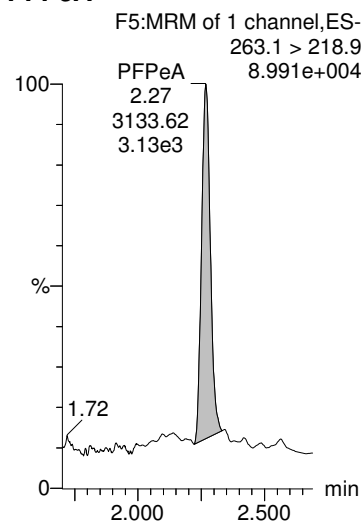
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Name: 180825M1_43, Date: 25-Aug-2018, Time: 20:57:48, ID: 1802094-10 SA-PZ171I-20180727 0.25964, Description: SA-PZ171I-20180727

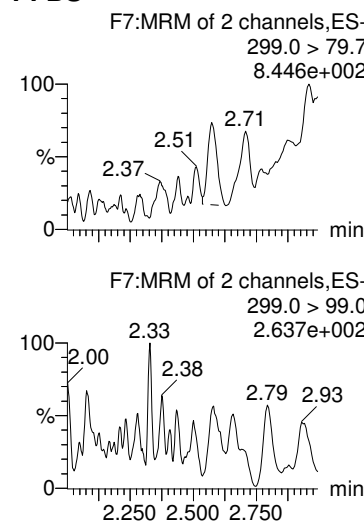
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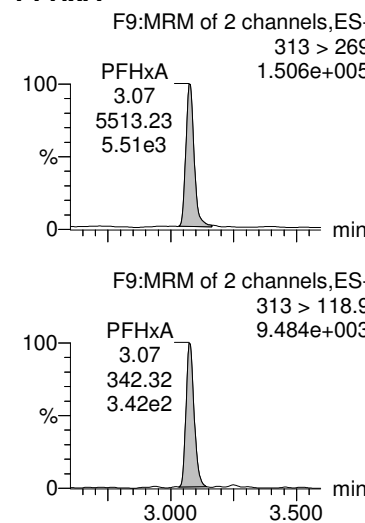
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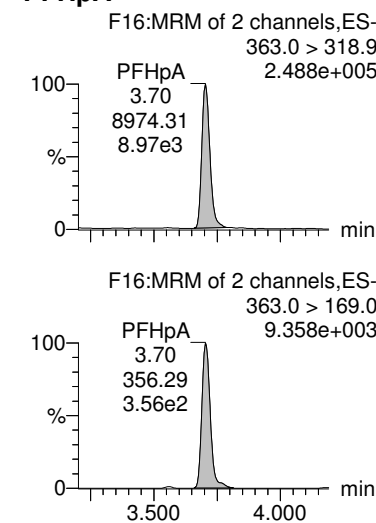
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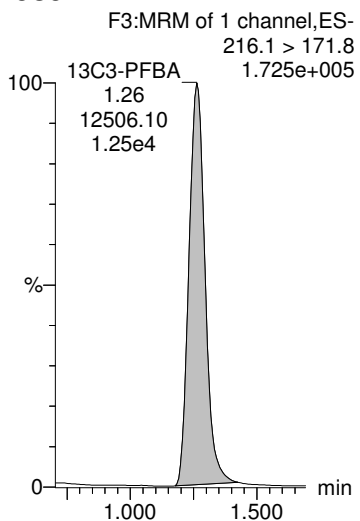
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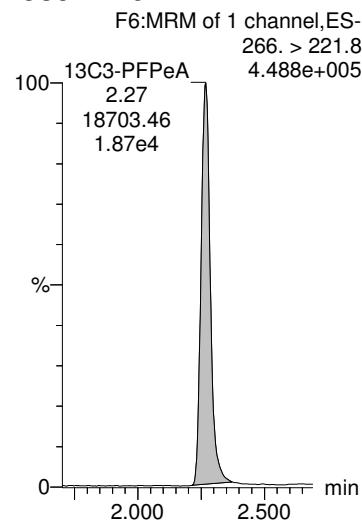
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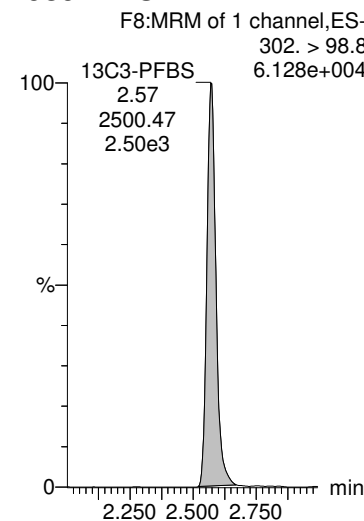
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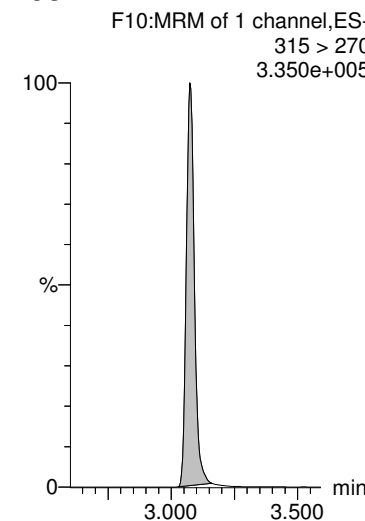
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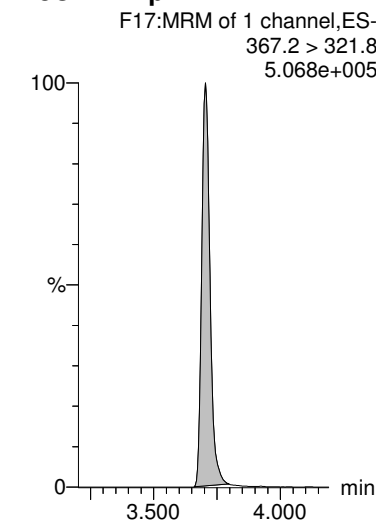
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13C2-PFHxA



13C4-PFHpA



CGH 8/30/2018

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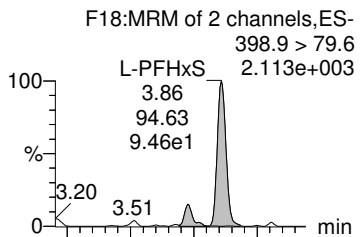
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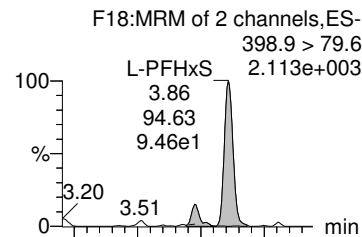
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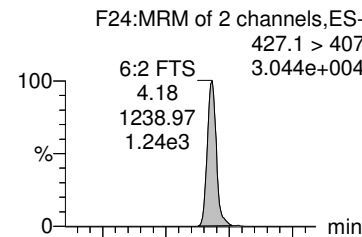
L-PFHxS



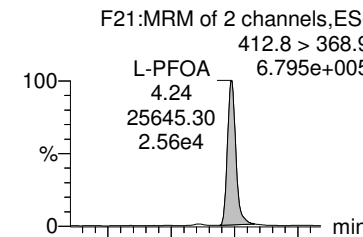
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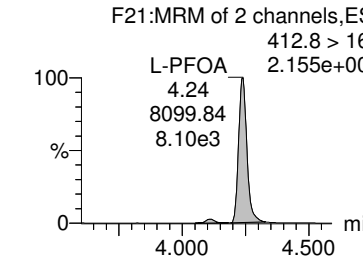
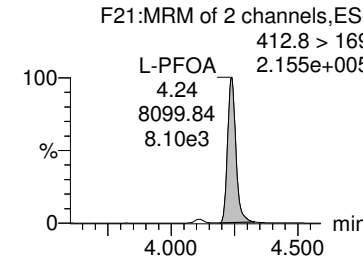
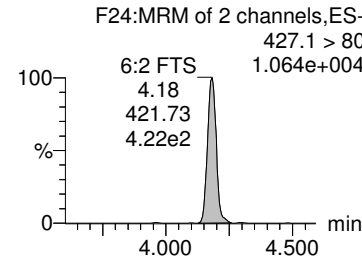
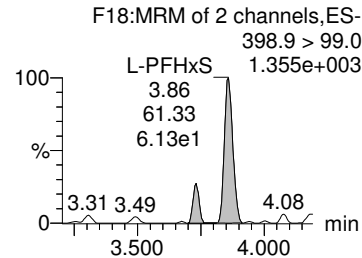
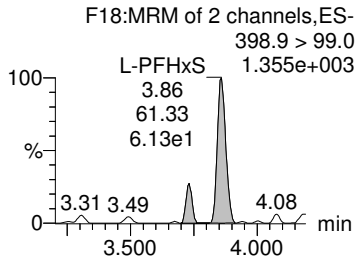
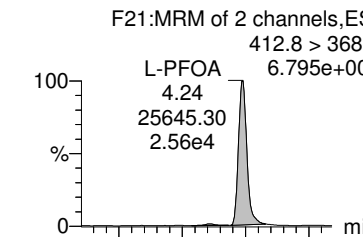
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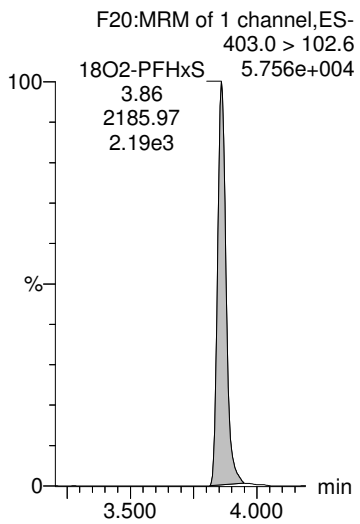
L-PFOA



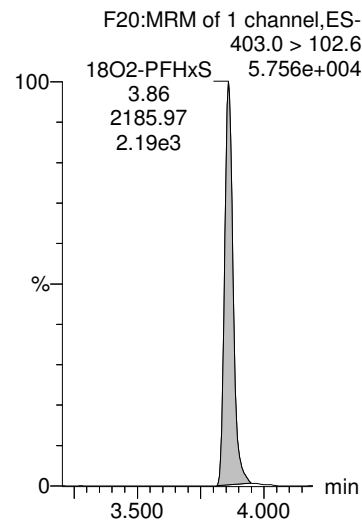
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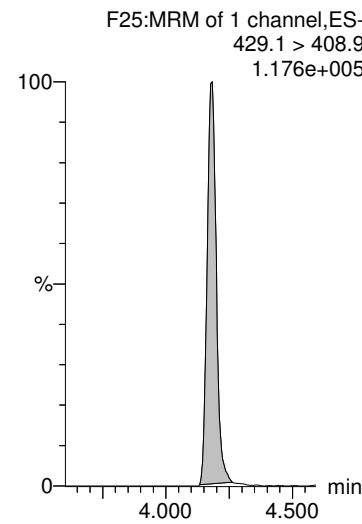
18O2-PFHxS



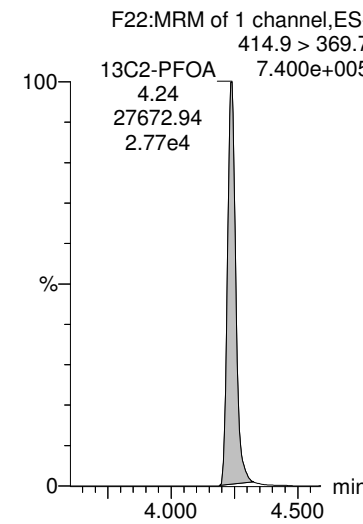
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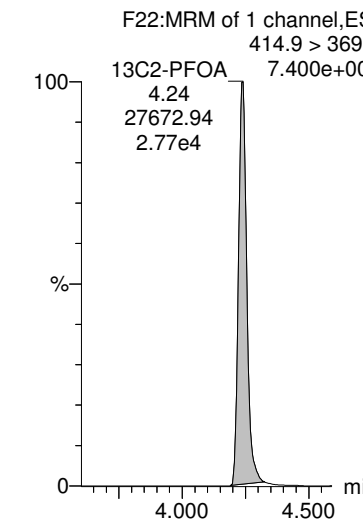
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



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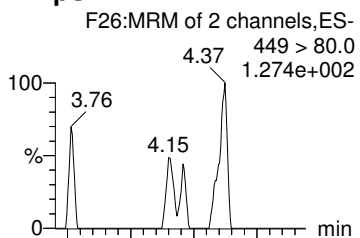
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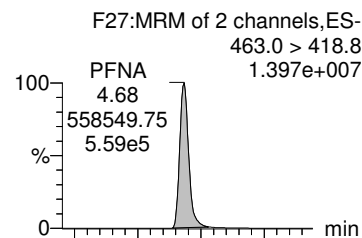
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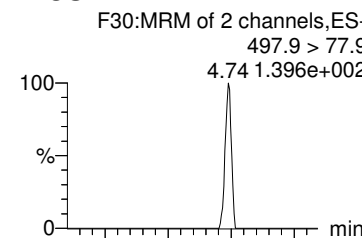
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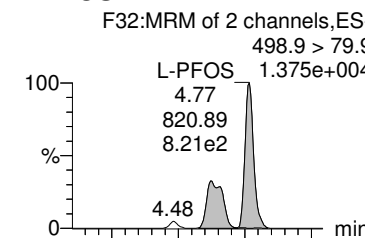
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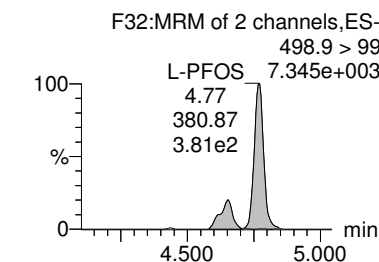
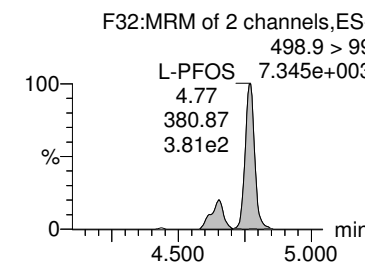
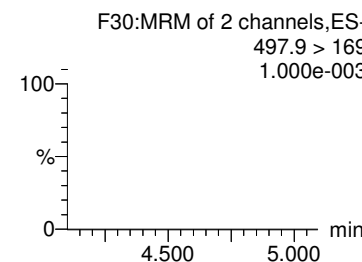
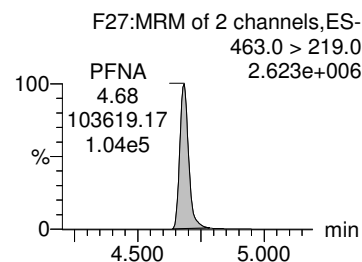
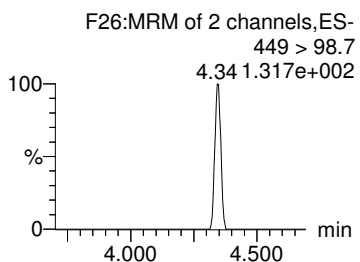
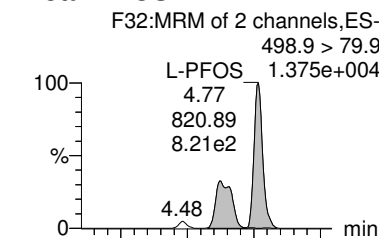
PFOSA



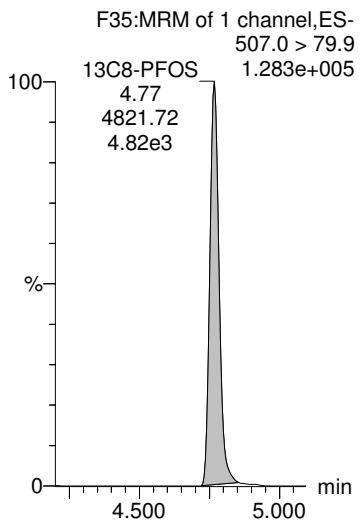
L-PFOS



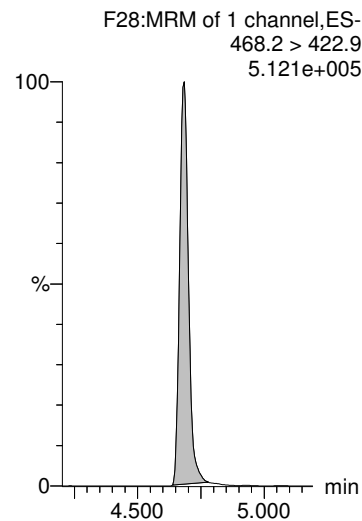
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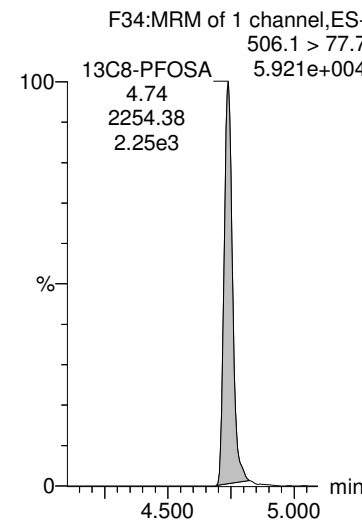
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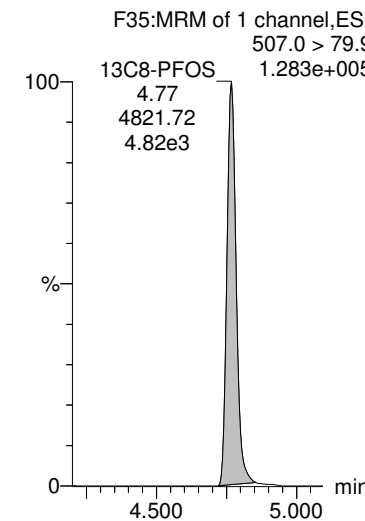
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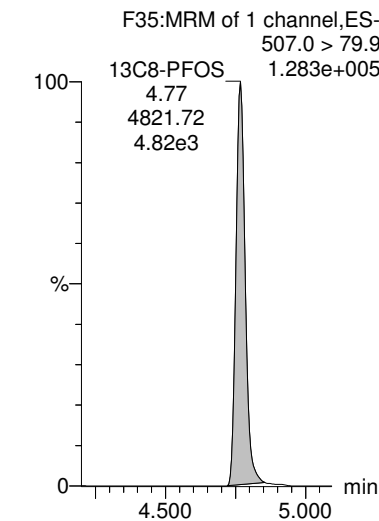
13C8-PFOSA



13C8-PFOS



13C8-PFOS



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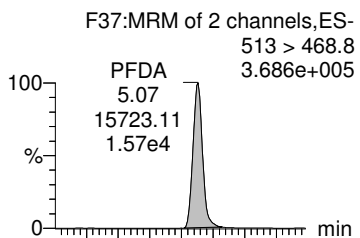
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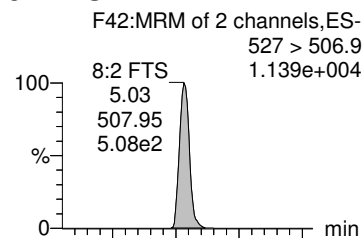
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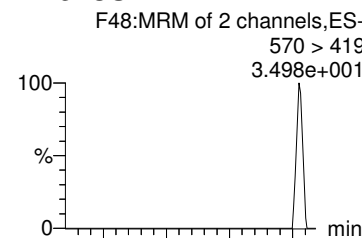
PFDA



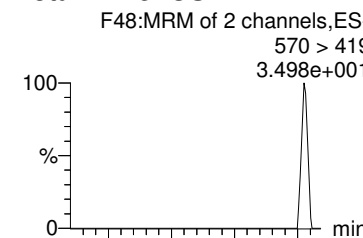
8:2 FTS



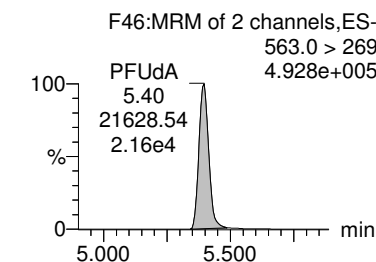
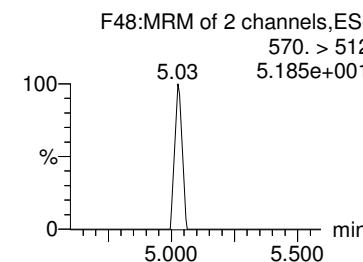
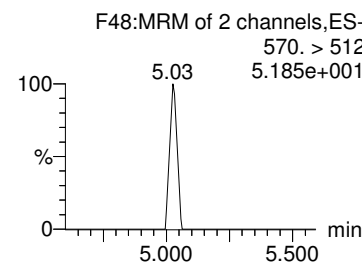
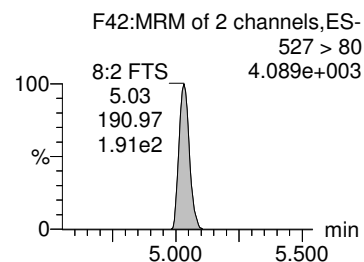
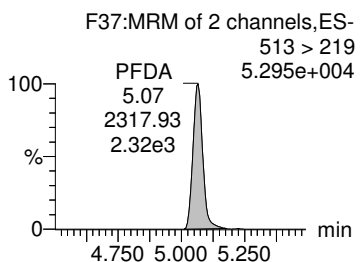
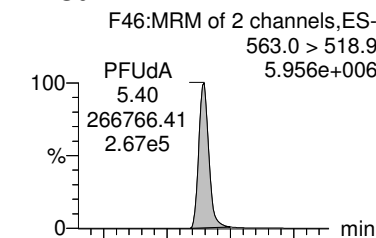
L-MeFOSAA



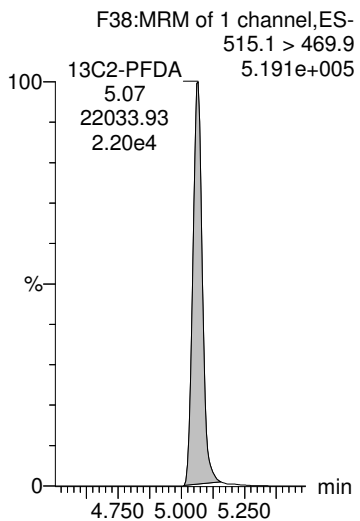
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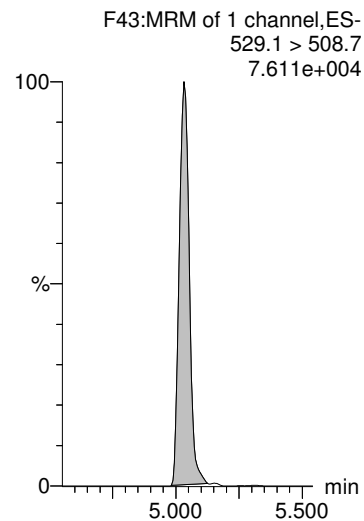
PFUdA



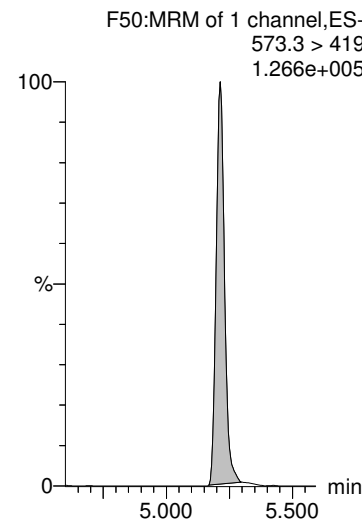
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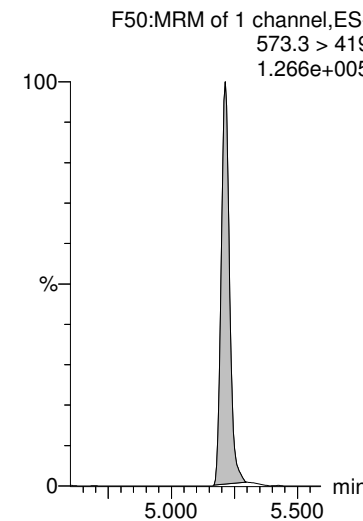
13C2-8:2 FTS



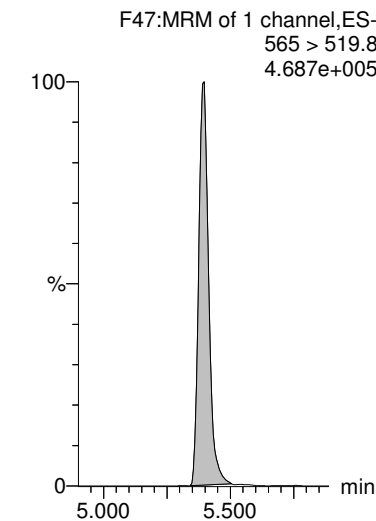
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



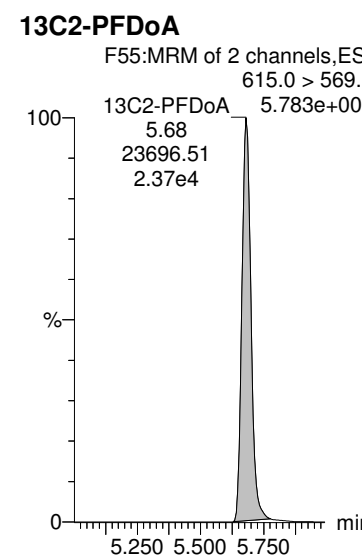
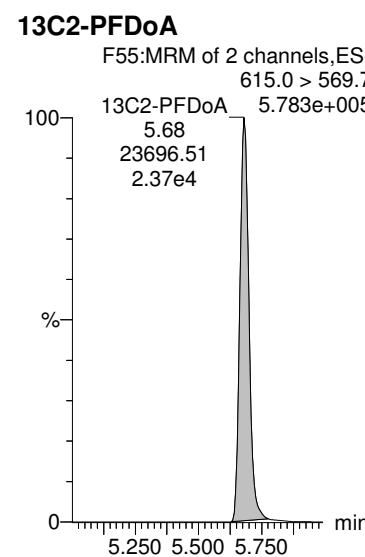
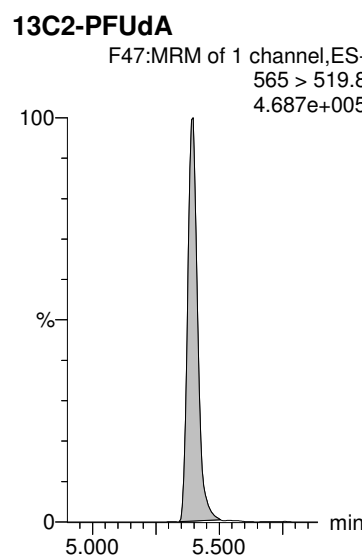
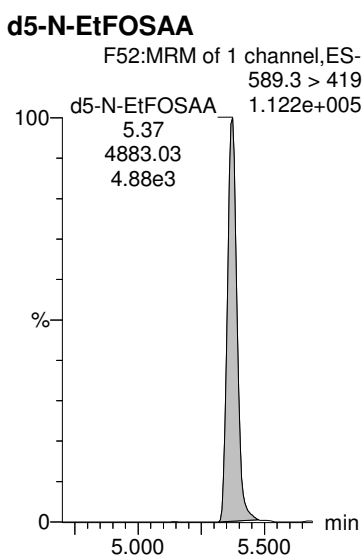
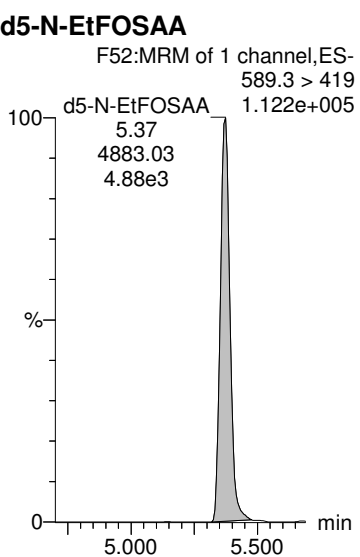
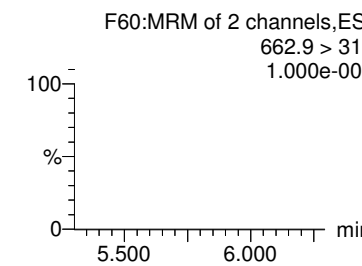
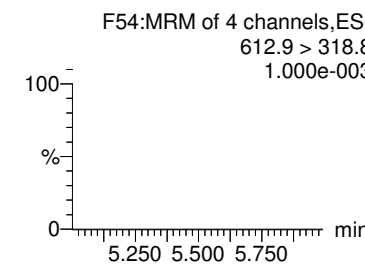
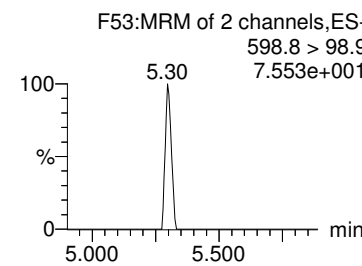
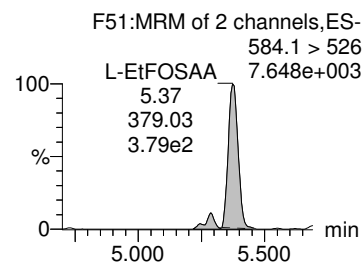
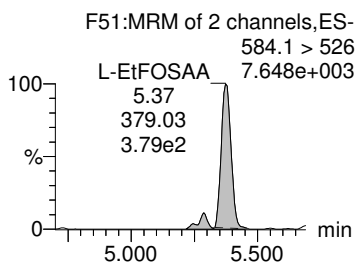
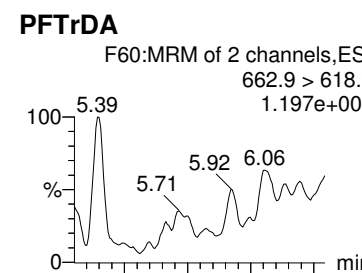
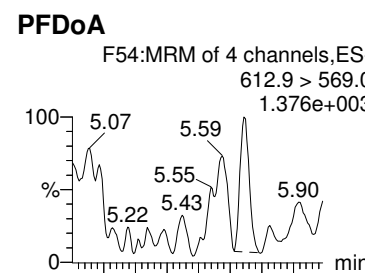
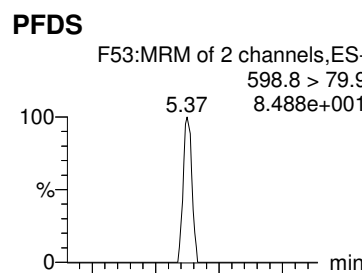
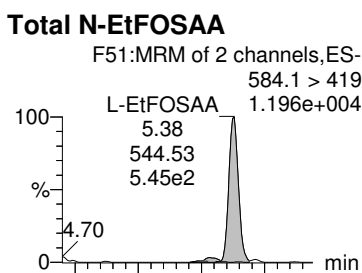
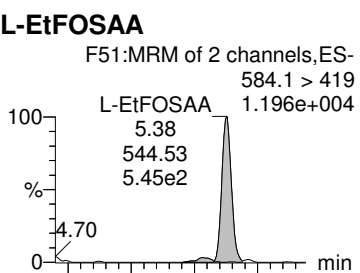
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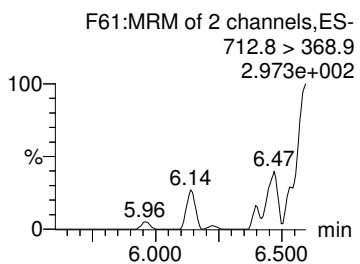
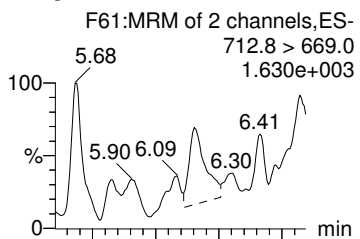
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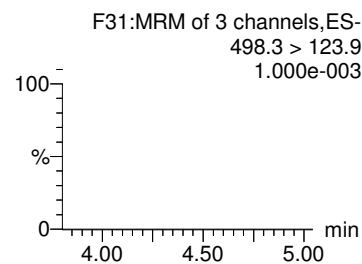
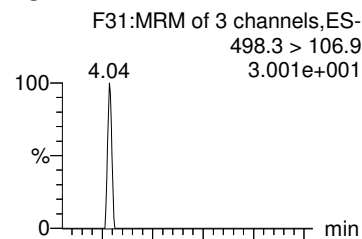
Printed: Thursday, August 30, 2018 14:47:10 Pacific Daylight Time

Name: 180825M1_43, Date: 25-Aug-2018, Time: 20:57:48, ID: 1802094-10 SA-PZ1711-20180727 0.25964, Description: SA-PZ1711-20180727

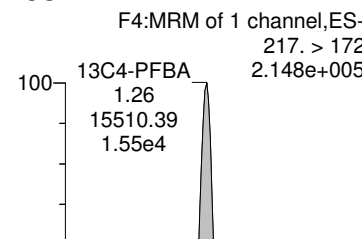
PFTeDA



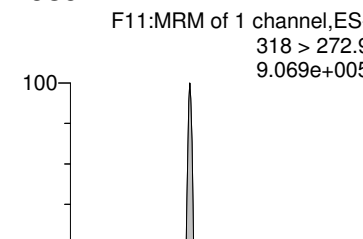
TCDA



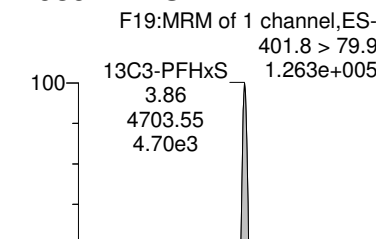
13C4-PFBA



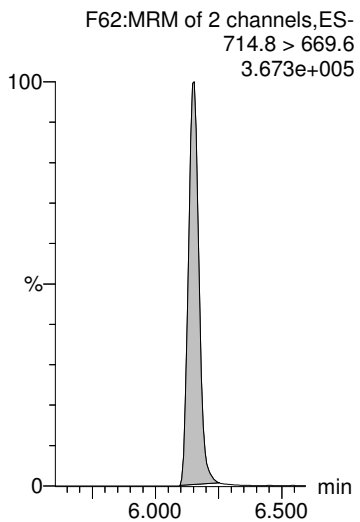
13C5-PFHxA



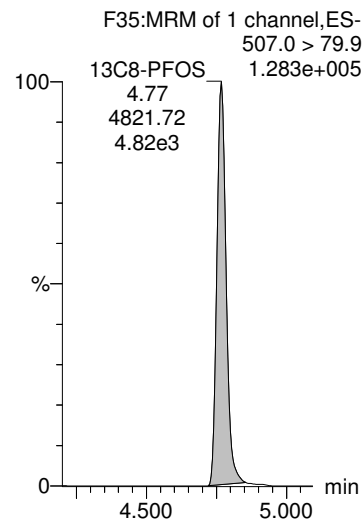
13C3-PFHxS



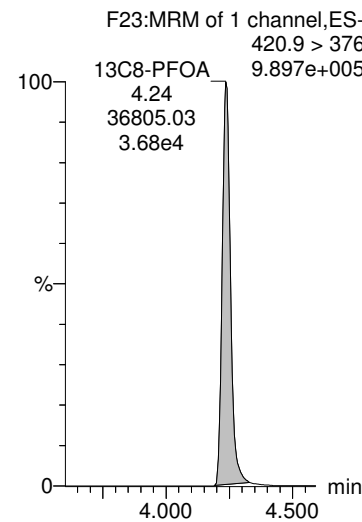
13C2-PFTeDA



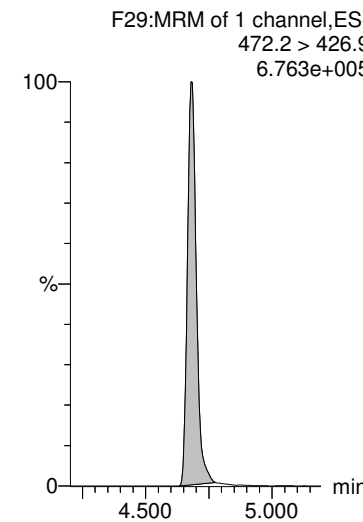
13C8-PFOS



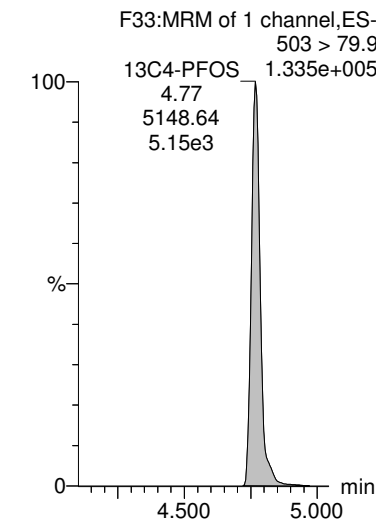
13C8-PFOA



13C9-PFNA



13C4-PFOS



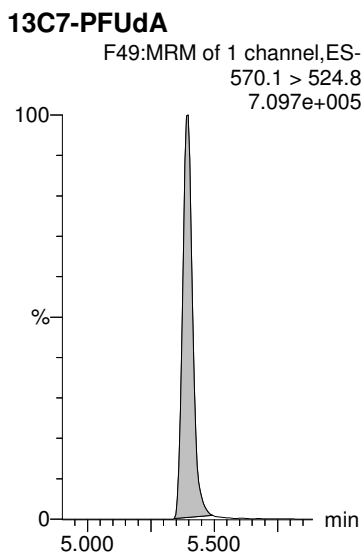
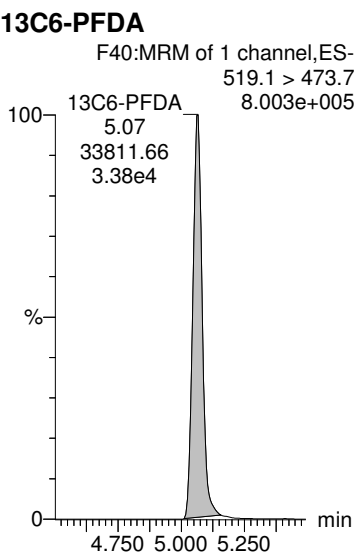
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Last Altered: Thursday, August 30, 2018 14:46:23 Pacific Daylight Time

Printed: Thursday, August 30, 2018 14:47:10 Pacific Daylight Time

Name: 180825M1_43, Date: 25-Aug-2018, Time: 20:57:48, ID: 1802094-10 SA-PZ171I-20180727 0.25964, Description: SA-PZ171I-20180727



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-30.qld

MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 13:00:13 Pacific Daylight Time

Printed: Thursday, August 30, 2018 13:02:34 Pacific Daylight Time

Name: 180825M1_30, Date: 25-Aug-2018, Time: 18:40:02, ID: B8H0014-MS1 Matrix Spike 0.25251, Description: Matrix Spike

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	1.38e4	1.48e4	0.253	0.000	1.27	11.6	39.8500			
2	2 PFPeA	263.1 > 21...	2.11e4	2.19e4	0.253	0.000	2.27	12.1	50.0968			
3	3 PFBS	299.0 > 79.7	4.05e3	2.54e3	0.253	0.000	2.57	19.9	39.6514		2.76	NO
4	5 PFHxA	313 > 269	3.21e4	1.34e4	0.253	0.000	3.08	12.0	50.6142		15.0	NO
5	7 PFHpA	363.0 > 31...	2.83e4	2.10e4	0.253	0.000	3.70	16.8	57.0224		23.0	NO
6	36 13C3-PFBA	216.1 > 17...	1.48e4	1.82e4	0.253	0.812	1.27	10.2	48.6444	98.3		
7	37 13C3-PFPeA	266. > 221.8	2.19e4	3.64e4	0.253	0.600	2.27	7.50	46.4321	93.8		
8	38 13C3-PFBS	302. > 98.8	2.54e3	3.64e4	0.253	0.0699	2.57	0.873	53.0980	107.3		
9	40 13C2-PFHxA	315 > 270	1.34e4	3.64e4	0.253	0.917	3.08	4.59	18.7703	94.8		
10	41 13C4-PFHpA	367.2 > 32...	2.10e4	3.64e4	0.253	0.578	3.70	7.23	48.8894	98.8		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	3.35e3	2.28e3	0.253	0.000	3.86	18.3	42.0378		1.70	NO
13	68 Total PFHxS	398.9 > 79.6	3.35e3	2.28e3	0.253			18.3	42.0378			
14	10 6:2 FTS	427.1 > 407	5.56e3	5.19e3	0.253	0.000	4.18	13.4	53.5993		2.93	NO
15	11 L-PFOA	412.8 > 36...	5.94e4	2.93e4	0.253	0.000	4.24	25.3	81.1903		3.43	NO
16	69 Total PFOA	412.8 > 36...	5.94e4	2.93e4	0.253			25.3	81.1903			
17	42 18O2-PFHxS	403.0 > 10...	2.28e3	4.72e3	0.253	0.483	3.86	6.04	46.2587	93.4		
18	42 18O2-PFHxS	403.0 > 10...	2.28e3	4.72e3	0.253	0.483	3.86	6.04	46.2587	93.4		
19	43 13C2-6:2 FTS	429.1 > 40...	5.19e3	3.99e4	0.253	0.130	4.18	1.63	48.2179	97.4		
20	44 13C2-PFOA	414.9 > 36...	2.93e4	3.99e4	0.253	0.736	4.24	9.20	42.2339	85.3		
21	44 13C2-PFOA	414.9 > 36...	2.93e4	3.99e4	0.253	0.736	4.24	9.20	42.2339	85.3		
22	-1											
23	13 PFHpS	449 > 80.0	4.02e3	5.31e3	0.253	0.000	4.35	9.47	44.3796		1.83	NO
24	14 PFNA	463.0 > 41...	6.08e5	2.26e4	0.253	0.000	4.68	337	1097.0011		5.36	NO
25	15 PFOSA	497.9 > 77.9	1.60e3	1.90e3	0.253	0.000	4.74	10.5	39.6849		30.0	NO
26	16 L-PFOS	498.9 > 79.9	5.29e3	5.31e3	0.253	0.000	4.77	12.5	50.6683		1.96	NO
27	70 Total PFOS	498.9 > 79.9	5.29e3	5.31e3	0.253			12.5	50.6683			
28	47 13C8-PFOS	507.0 > 79.9	5.31e3	5.19e3	0.253	1.02	4.77	12.8	47.6375	96.2		
29	45 13C5-PFNA	468.2 > 42...	2.26e4	2.78e4	0.253	0.811	4.68	10.1	41.8213	84.5		
30	46 13C8-PFOSA	506.1 > 77.7	1.90e3	3.31e4	0.253	0.0575	4.74	0.719	14.5457	29.4		
31	47 13C8-PFOS	507.0 > 79.9	5.31e3	5.19e3	0.253	1.02	4.77	12.8	47.6375	96.2		
32	47 13C8-PFOS	507.0 > 79.9	5.31e3	5.19e3	0.253	1.02	4.77	12.8	47.6375	96.2		
33	-1											
34	18 PFDA	513 > 468.8	4.28e4	2.75e4	0.253	0.000	5.07	19.4	62.8934		6.18	NO
35	19 8:2 FTS	527 > 506.9	4.61e3	4.05e3	0.253	0.000	5.04	14.2	41.3109		2.02	NO
36	21 L-MeFOSAA	570 > 419	6.93e3	6.62e3	0.253	0.000	5.22	13.1	40.3940		2.87	NO
37	71 Total N-MeFOSAA	570. > 419	6.93e3	6.62e3	0.253			13.1	40.3940			

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Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-30.qld

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Printed: Thursday, August 30, 2018 13:02:34 Pacific Daylight Time

Name: 180825M1_30, Date: 25-Aug-2018, Time: 18:40:02, ID: B8H0014-MS1 Matrix Spike 0.25251, Description: Matrix Spike

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	3.76e5	2.70e4	0.253	0.000	5.40	174	737.1772		12.8	NO
39	48 13C2-PFDA	515.1 > 46...	2.75e4	3.57e4	0.253	0.770	5.07	9.63	40.4095	81.6		
40	49 13C2-8:2 FTS	529.1 > 50...	4.05e3	3.99e4	0.253	0.102	5.04	1.27	47.9747	96.9		
41	50 d3-N-MeFOSAA	573.3 > 419	6.62e3	3.31e4	0.253	0.200	5.21	2.50	43.7436	88.4		
42	50 d3-N-MeFOSAA	573.3 > 419	6.62e3	3.31e4	0.253	0.200	5.21	2.50	43.7436	88.4		
43	51 13C2-PFUdA	565 > 519.8	2.70e4	3.31e4	0.253	0.815	5.40	10.2	40.0473	80.9		
44	-1											
45	23 L-EtFOSAA	584.1 > 419	6.01e3	6.75e3	0.253	0.000	5.38	11.1	45.2574		1.40	NO
46	72 Total N-EtFOSAA	584.1 > 419	6.01e3	6.75e3	0.253			11.1	45.2574			
47	26 PFDS	598.8 > 79.9	3.92e3	5.31e3	0.253	0.000	5.45	9.23	39.5499		1.62	NO
48	27 PFDoA	612.9 > 56...	3.11e4	3.46e4	0.253	0.000	5.69	11.2	40.6615		8.14	NO
49	29 PFTrDA	662.9 > 61...	3.27e4	3.46e4	0.253	0.000	5.93	11.8	41.1344		35.3	NO
50	52 d5-N-EtFOSAA	589.3 > 419	6.75e3	3.31e4	0.253	0.204	5.37	2.55	40.9962	82.8		
51	52 d5-N-EtFOSAA	589.3 > 419	6.75e3	3.31e4	0.253	0.204	5.37	2.55	40.9962	82.8		
52	51 13C2-PFUdA	565 > 519.8	2.70e4	3.31e4	0.253	0.815	5.40	10.2	40.0473	80.9		
53	53 13C2-PFDoA	615.0 > 56...	3.46e4	3.57e4	0.253	0.968	5.69	12.1	41.9152	84.7		
54	53 13C2-PFDoA	615.0 > 56...	3.46e4	3.57e4	0.253	0.968	5.69	12.1	41.9152	84.7		
55	-1											
56	30 PFTeDA	712.8 > 66...	2.76e4	2.41e4	0.253	0.000	6.15	14.3	43.6053		12.3	NO
57	73 TCDA	498.3>106.9			0.253							
58	60 13C4-PFBA	217. > 172	1.82e4	1.82e4	0.253	1.00	1.26	12.5	49.5030	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.64e4	3.64e4	0.253	1.00	3.07	12.5	49.5030	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.72e3	4.72e3	0.253	1.00	3.86	12.5	49.5030	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	2.41e4	3.31e4	0.253	0.728	6.15	9.10	49.8456	100.7		
62	47 13C8-PFOS	507.0 > 79.9	5.31e3	5.19e3	0.253	1.02	4.77	12.8	47.6375	96.2		
63	63 13C8-PFOA	420.9 > 376	3.99e4	3.99e4	0.253	1.00	4.24	12.5	49.5030	100.0		
64	64 13C9-PFNA	472.2 > 42...	2.78e4	2.78e4	0.253	1.00	4.68	12.5	49.5030	100.0		
65	65 13C4-PFOS	503 > 79.9	5.19e3	5.19e3	0.253	1.00	4.77	12.5	49.5030	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.57e4	3.57e4	0.253	1.00	5.07	12.5	49.5030	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.31e4	3.31e4	0.253	1.00	5.40	12.5	49.5030	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-30.qld

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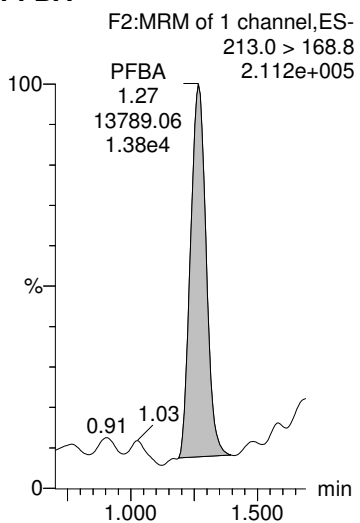
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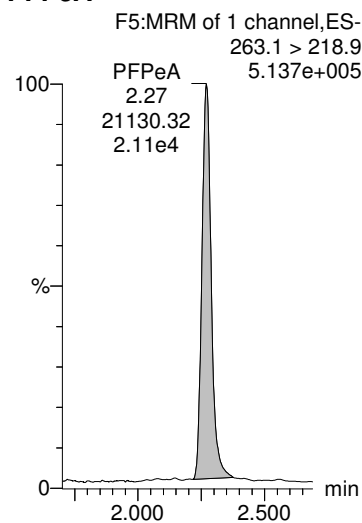
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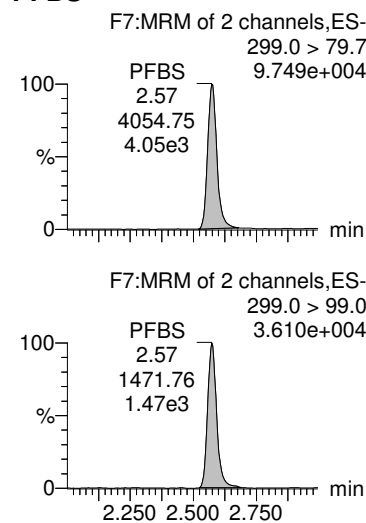
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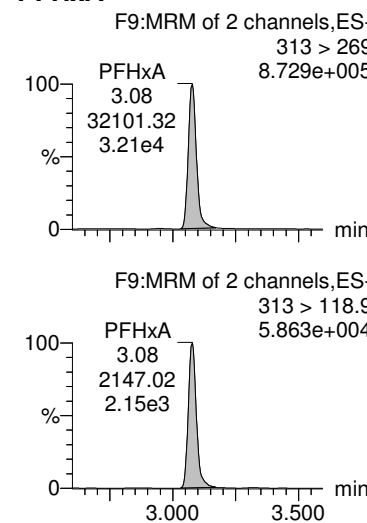
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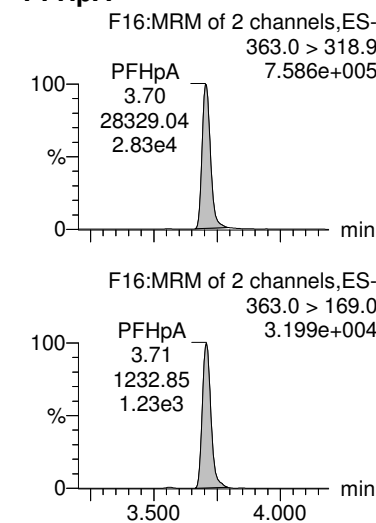
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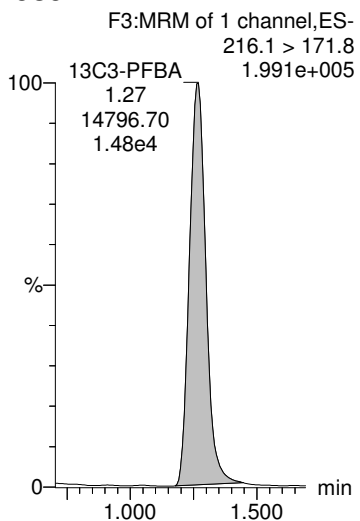
PFHxA



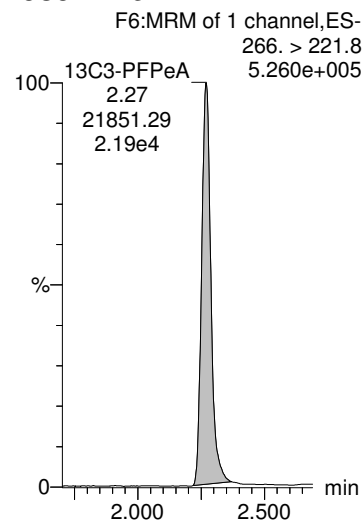
PFHpA



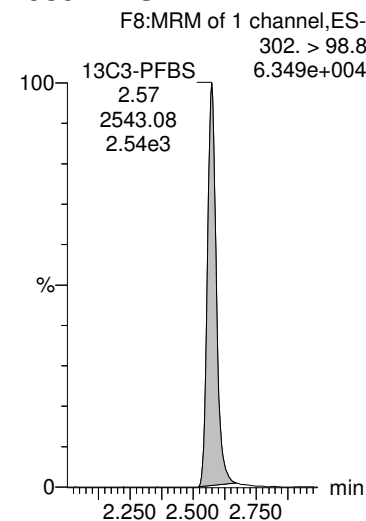
13C3-PFBA



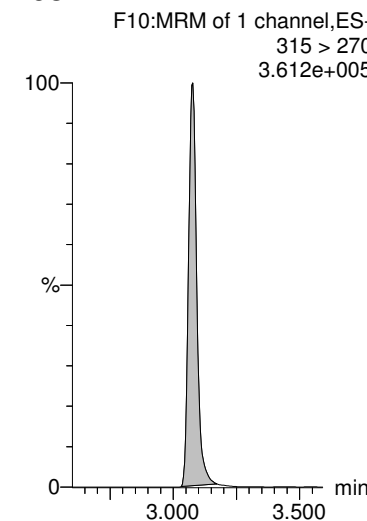
13C3-PFPeA



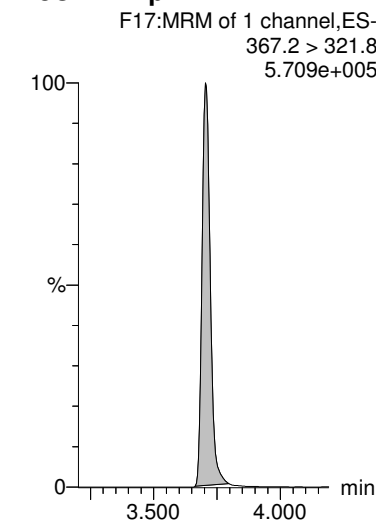
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



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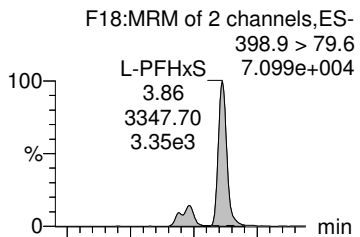
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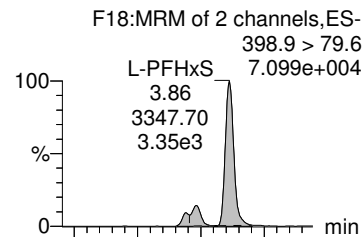
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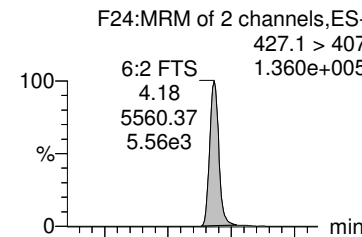
L-PFHxS



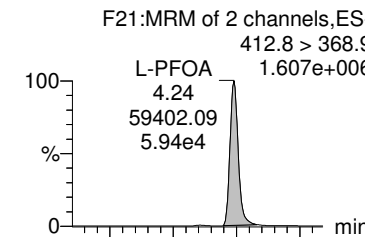
Total PFHxS



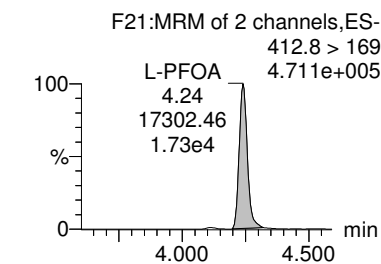
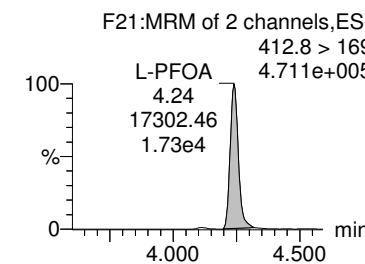
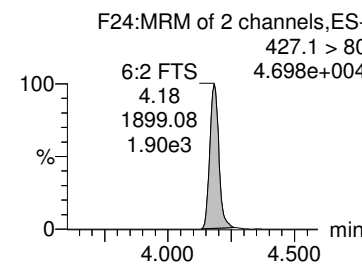
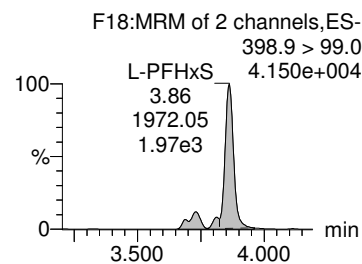
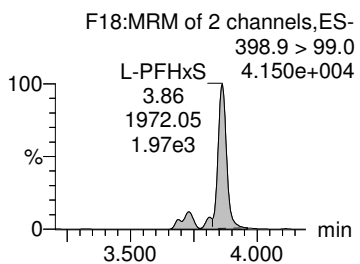
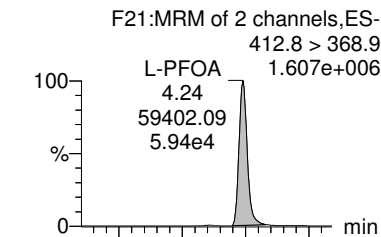
6:2 FTS



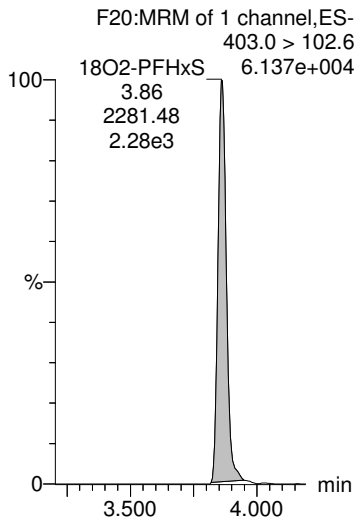
L-PFOA



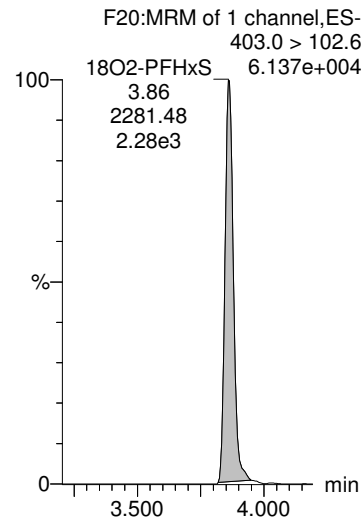
Total PFOA



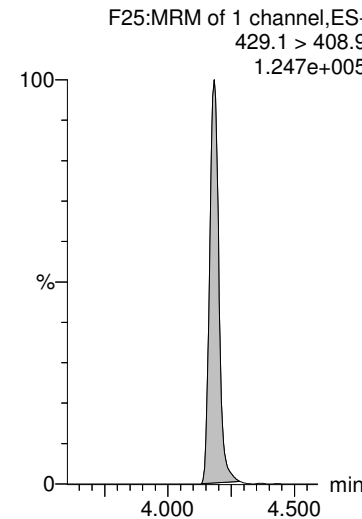
18O2-PFHxS



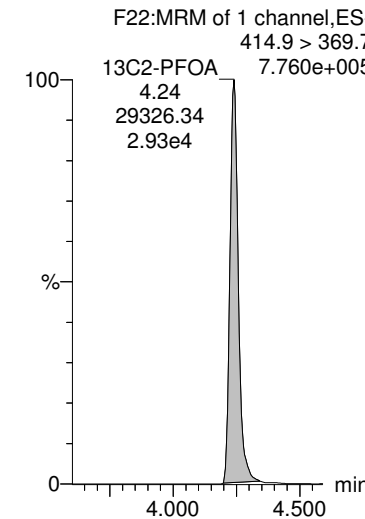
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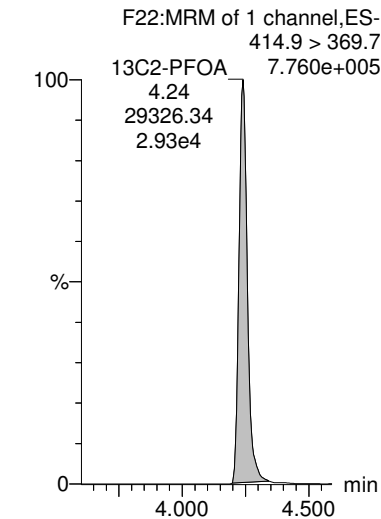
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



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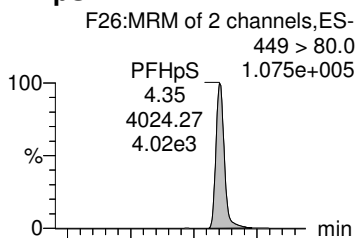
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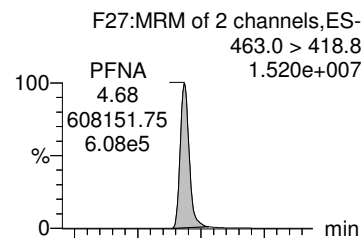
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Name: 180825M1_30, Date: 25-Aug-2018, Time: 18:40:02, ID: B8H0014-MS1 Matrix Spike 0.25251, Description: Matrix Spike

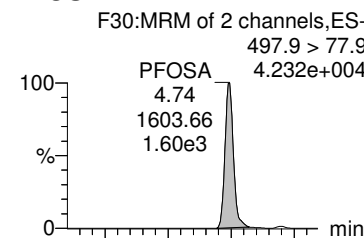
PFHpS



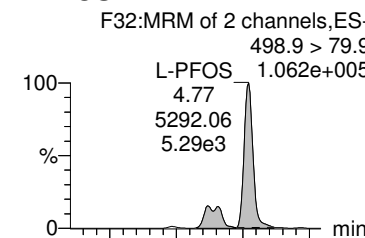
PFNA



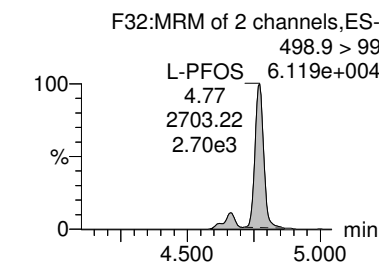
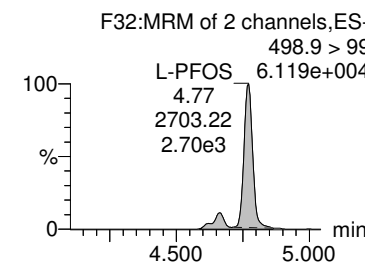
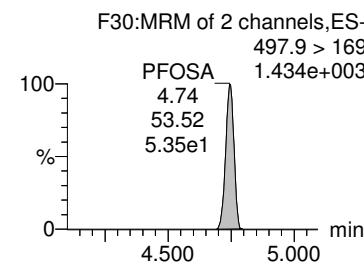
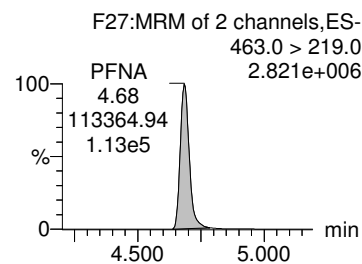
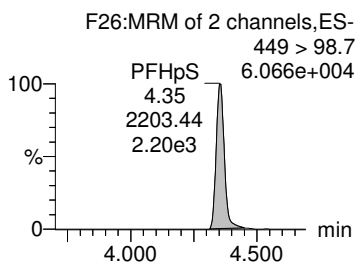
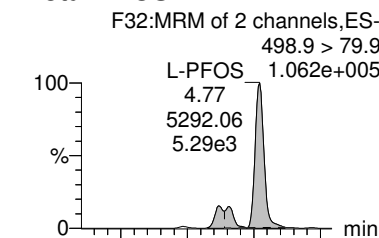
PFOSA



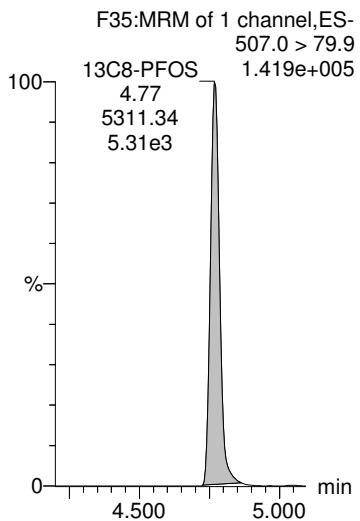
L-PFOS



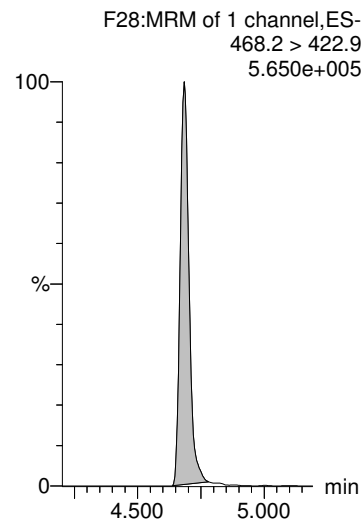
Total PFOS



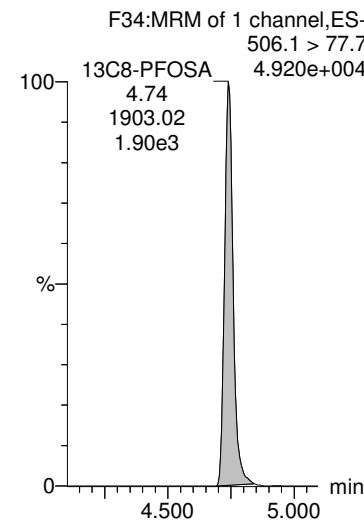
13C8-PFOS



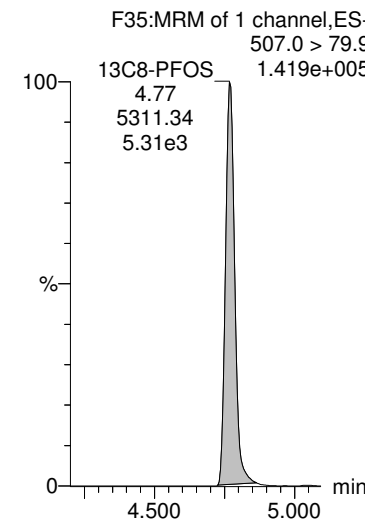
13C5-PFNA



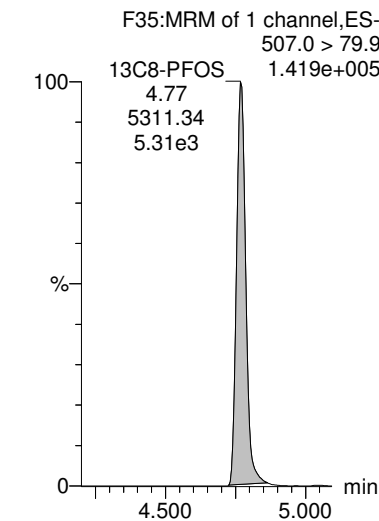
13C8-PFOSA



13C8-PFOS



13C8-PFOS



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-30.qld

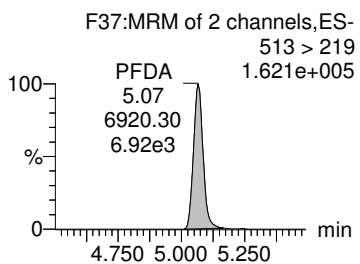
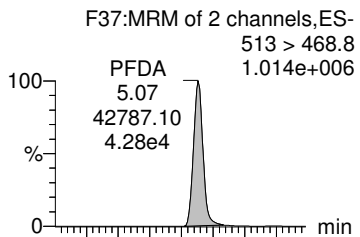
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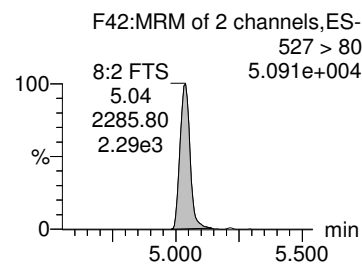
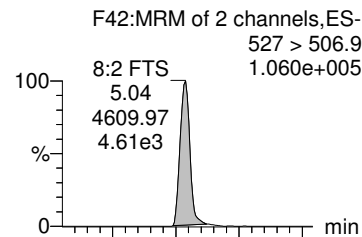
Printed: Thursday, August 30, 2018 13:02:34 Pacific Daylight Time

Name: 180825M1_30, Date: 25-Aug-2018, Time: 18:40:02, ID: B8H0014-MS1 Matrix Spike 0.25251, Description: Matrix Spike

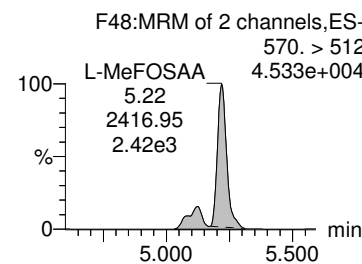
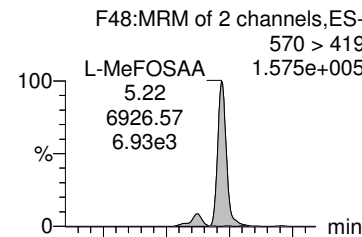
PFDA



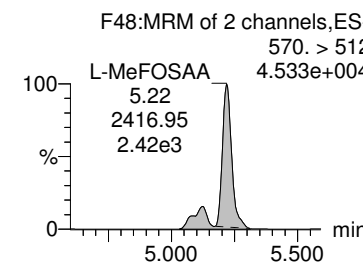
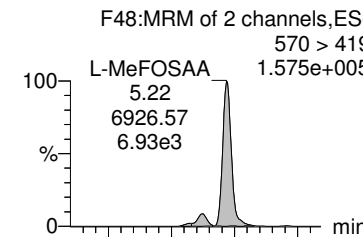
8:2 FTS



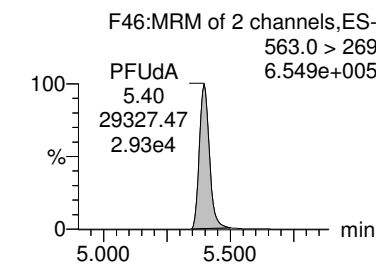
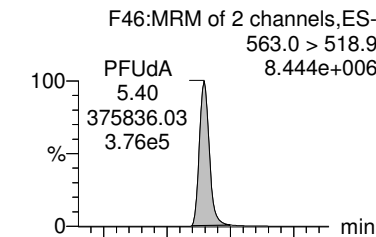
L-MeFOSAA



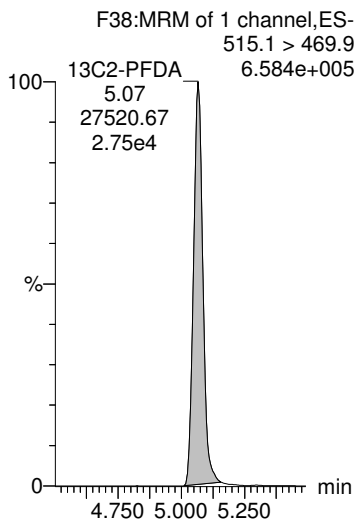
Total N-MeFOSAA



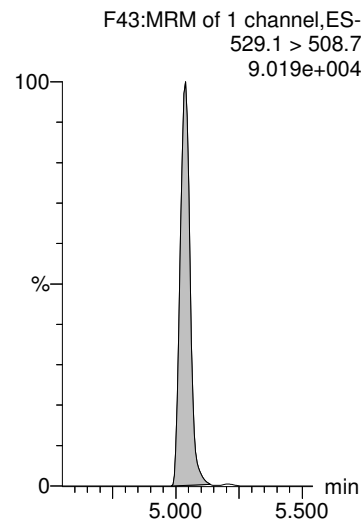
PFUdA



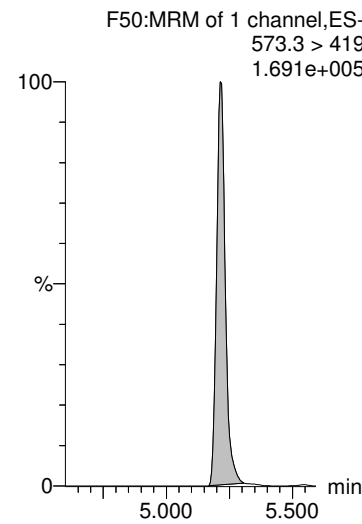
13C2-PFDA



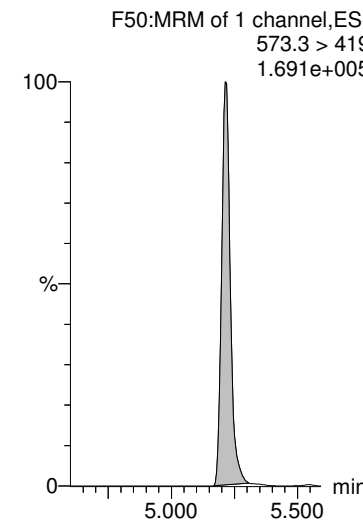
13C2-8:2 FTS



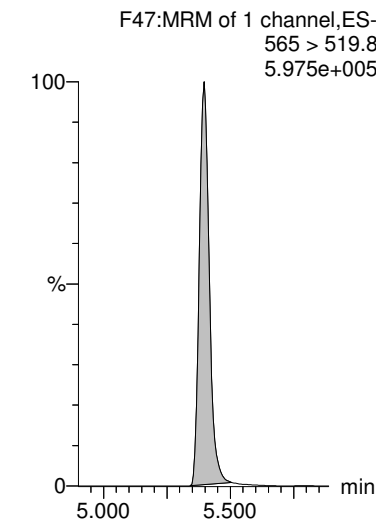
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



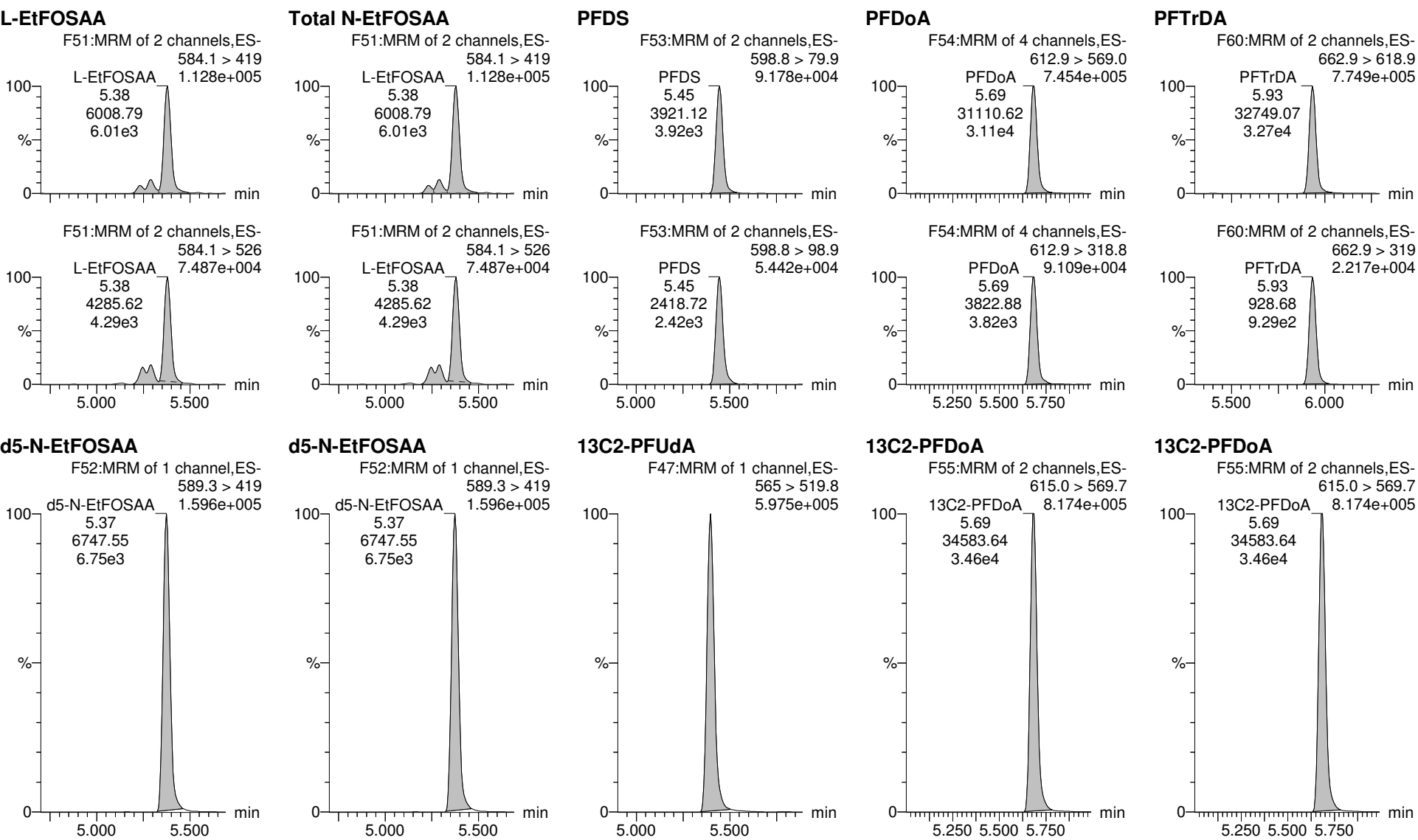
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-30.qld

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Name: 180825M1_30, Date: 25-Aug-2018, Time: 18:40:02, ID: B8H0014-MS1 Matrix Spike 0.25251, Description: Matrix Spike



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-30.qld

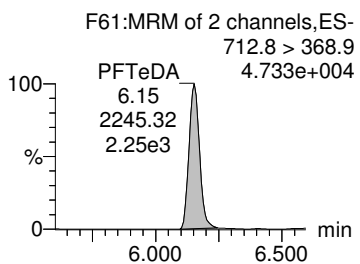
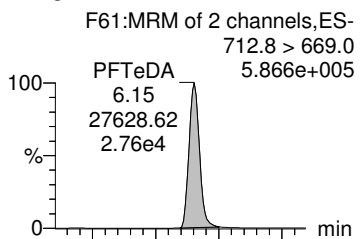
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Last Altered: Thursday, August 30, 2018 13:00:13 Pacific Daylight Time

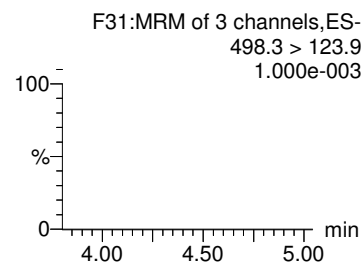
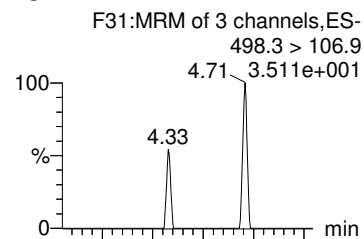
Printed: Thursday, August 30, 2018 13:02:34 Pacific Daylight Time

Name: 180825M1_30, Date: 25-Aug-2018, Time: 18:40:02, ID: B8H0014-MS1 Matrix Spike 0.25251, Description: Matrix Spike

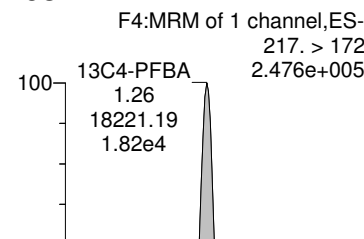
PFTeDA



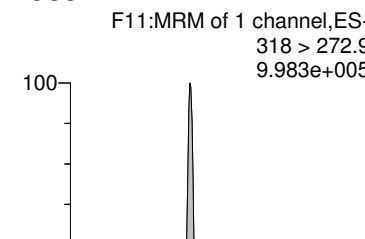
TCDA



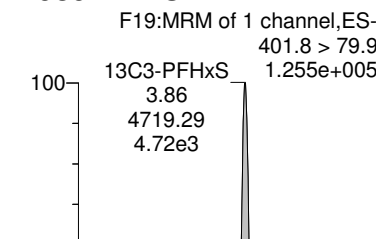
13C4-PFBA



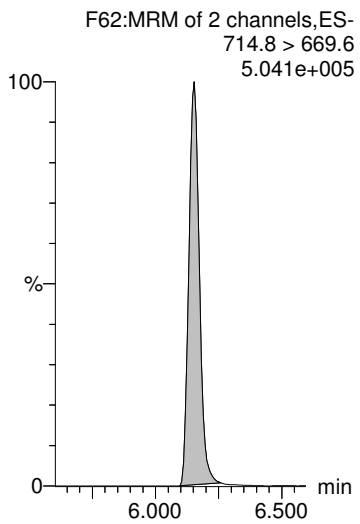
13C5-PFHxA



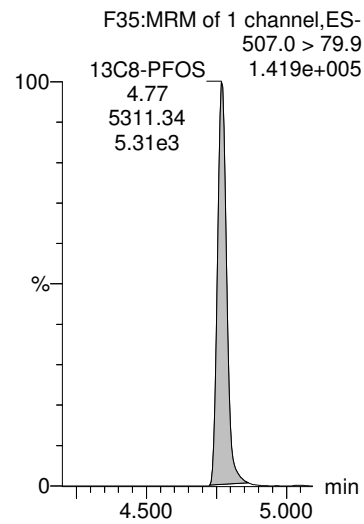
13C3-PFHxS



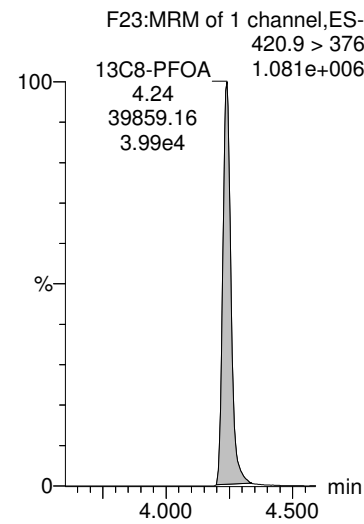
13C2-PFTeDA



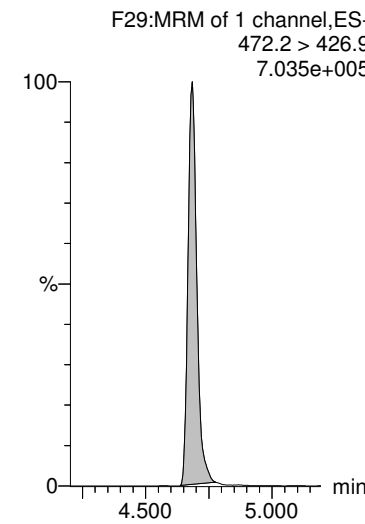
13C8-PFOS



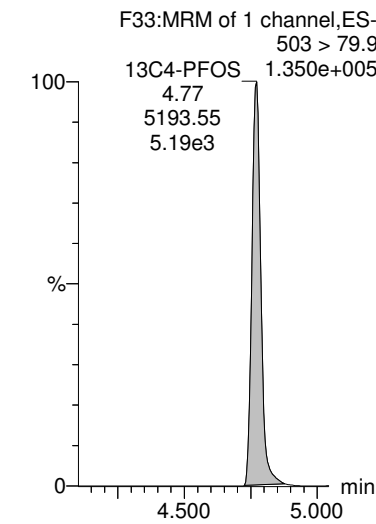
13C8-PFOA



13C9-PFNA



13C4-PFOS



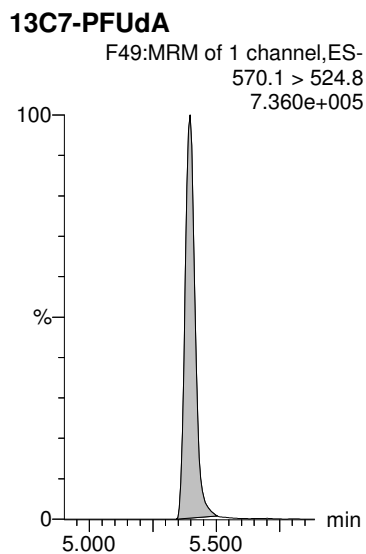
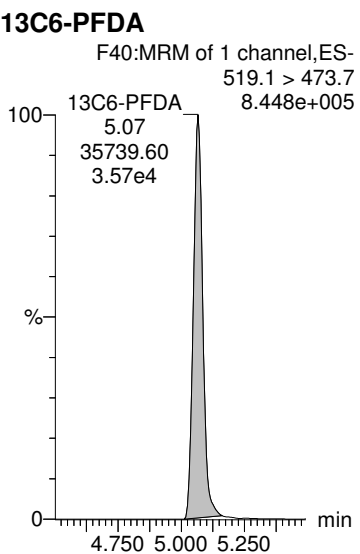
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-30.qld

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Last Altered: Thursday, August 30, 2018 13:00:13 Pacific Daylight Time

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Name: 180825M1_30, Date: 25-Aug-2018, Time: 18:40:02, ID: B8H0014-MS1 Matrix Spike 0.25251, Description: Matrix Spike



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-31.qld

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Last Altered: Thursday, August 30, 2018 13:42:19 Pacific Daylight Time

Printed: Thursday, August 30, 2018 13:43:12 Pacific Daylight Time

Name: 180825M1_31, Date: 25-Aug-2018, Time: 18:50:40, ID: B8H0014-MSD1 Matrix Spike Dup 0.2563, Description: Matrix Spike Dup

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	1.20e4	1.30e4	0.256	0.000	1.27	11.5	38.8972			
2	2 PFPeA	263.1 > 21...	1.91e4	1.96e4	0.256	0.000	2.27	12.2	49.8629			
3	3 PFBS	299.0 > 79.7	4.22e3	2.49e3	0.256	0.000	2.57	21.1	41.4526		2.87	NO
4	5 PFHxA	313 > 269	3.02e4	1.24e4	0.256	0.000	3.07	12.2	50.4888		15.1	NO
5	7 PFHpA	363.0 > 31...	2.78e4	1.99e4	0.256	0.000	3.70	17.5	58.3809		23.2	NO
6	36 13C3-PFBA	216.1 > 17...	1.30e4	1.59e4	0.256	0.822	1.27	10.3	48.5408	99.5		
7	37 13C3-PFPeA	266. > 221.8	1.96e4	3.31e4	0.256	0.592	2.27	7.40	45.1054	92.5		
8	38 13C3-PFBS	302. > 98.8	2.49e3	3.31e4	0.256	0.0754	2.57	0.942	56.4488	115.7		
9	40 13C2-PFHxA	315 > 270	1.24e4	3.31e4	0.256	0.939	3.07	4.69	18.9244	97.0		
10	41 13C4-PFHpA	367.2 > 32...	1.99e4	3.31e4	0.256	0.601	3.70	7.51	50.0777	102.7		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	3.26e3	2.25e3	0.256	0.000	3.86	18.1	40.9203		1.76	NO
13	68 Total PFHxS	398.9 > 79.6	3.26e3	2.25e3	0.256			18.2	40.9763			
14	10 6:2 FTS	427.1 > 407	5.85e3	5.03e3	0.256	0.000	4.18	14.5	57.5002		3.03	NO
15	11 L-PFOA	412.8 > 36...	5.78e4	2.83e4	0.256	0.000	4.24	25.5	80.5840		3.29	NO
16	69 Total PFOA	412.8 > 36...	5.78e4	2.83e4	0.256			25.5	80.5840			
17	42 18O2-PFHxS	403.0 > 10...	2.25e3	4.71e3	0.256	0.477	3.86	5.96	44.9361	92.1		
18	42 18O2-PFHxS	403.0 > 10...	2.25e3	4.71e3	0.256	0.477	3.86	5.96	44.9361	92.1		
19	43 13C2-6:2 FTS	429.1 > 40...	5.03e3	3.74e4	0.256	0.135	4.18	1.68	49.1129	100.7		
20	44 13C2-PFOA	414.9 > 36...	2.83e4	3.74e4	0.256	0.758	4.24	9.48	42.8917	87.9		
21	44 13C2-PFOA	414.9 > 36...	2.83e4	3.74e4	0.256	0.758	4.24	9.48	42.8917	87.9		
22	-1											
23	13 PFHpS	449 > 80.0	3.96e3	5.15e3	0.256	0.000	4.35	9.61	44.3609		1.72	NO
24	14 PFNA	463.0 > 41...	5.85e5	2.17e4	0.256	0.000	4.68	336	1079.5423		5.17	NO
25	15 PFOSA	497.9 > 77.9	2.17e3	2.44e3	0.256	0.000	4.74	11.1	41.2119		35.7	NO
26	16 L-PFOS	498.9 > 79.9	5.31e3	5.15e3	0.256	0.000	4.77	12.9	51.6394		2.03	NO
27	70 Total PFOS	498.9 > 79.9	5.31e3	5.15e3	0.256			12.9	51.6394			
28	47 13C8-PFOS	507.0 > 79.9	5.15e3	5.15e3	0.256	1.00	4.77	12.5	45.9414	94.2		
29	45 13C5-PFNA	468.2 > 42...	2.17e4	2.65e4	0.256	0.820	4.68	10.2	41.6310	85.4		
30	46 13C8-PFOSA	506.1 > 77.7	2.44e3	3.24e4	0.256	0.0755	4.74	0.943	18.7976	38.5		
31	47 13C8-PFOS	507.0 > 79.9	5.15e3	5.15e3	0.256	1.00	4.77	12.5	45.9414	94.2		
32	47 13C8-PFOS	507.0 > 79.9	5.15e3	5.15e3	0.256	1.00	4.77	12.5	45.9414	94.2		
33	-1											
34	18 PFDA	513 > 468.8	4.26e4	2.63e4	0.256	0.000	5.07	20.2	64.4555		5.98	NO
35	19 8:2 FTS	527 > 506.9	4.76e3	3.62e3	0.256	0.000	5.03	16.4	47.3864		2.42	NO
36	21 L-MeFOSAA	570 > 419	7.04e3	7.25e3	0.256	0.000	5.22	12.1	36.9338		2.94	NO
37	71 Total N-MeFOSAA	570. > 419	7.04e3	7.25e3	0.256			12.1	36.9338			

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Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-31.qld

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Printed: Thursday, August 30, 2018 13:43:12 Pacific Daylight Time

Name: 180825M1_31, Date: 25-Aug-2018, Time: 18:50:40, ID: B8H0014-MSD1 Matrix Spike Dup 0.2563, Description: Matrix Spike Dup

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	3.68e5	2.57e4	0.256	0.000	5.40	179	745.5330		12.5	NO
39	48 13C2-PFDA	515.1 > 46...	2.63e4	3.44e4	0.256	0.766	5.07	9.58	39.6035	81.2		
40	49 13C2-8:2 FTS	529.1 > 50...	3.62e3	3.74e4	0.256	0.0970	5.03	1.21	45.1055	92.5		
41	50 d3-N-MeFOSAA	573.3 > 419	7.25e3	3.24e4	0.256	0.224	5.21	2.80	48.1909	98.8		
42	50 d3-N-MeFOSAA	573.3 > 419	7.25e3	3.24e4	0.256	0.224	5.21	2.80	48.1909	98.8		
43	51 13C2-PFUdA	565 > 519.8	2.57e4	3.24e4	0.256	0.793	5.40	9.92	38.3940	78.7		
44	-1											
45	23 L-EtFOSAA	584.1 > 419	5.97e3	6.89e3	0.256	0.000	5.37	10.8	43.3650		1.38	NO
46	72 Total N-EtFOSAA	584.1 > 419	5.97e3	6.89e3	0.256			10.8	43.3650			
47	26 PFDS	598.8 > 79.9	3.92e3	5.15e3	0.256	0.000	5.45	9.51	40.1734		1.69	NO
48	27 PFDoA	612.9 > 56...	3.02e4	3.07e4	0.256	0.000	5.68	12.3	43.7850		8.86	NO
49	29 PFTrDA	662.9 > 61...	3.02e4	3.07e4	0.256	0.000	5.93	12.3	42.1415		29.5	NO
50	52 d5-N-EtFOSAA	589.3 > 419	6.89e3	3.24e4	0.256	0.213	5.37	2.66	42.1395	86.4		
51	52 d5-N-EtFOSAA	589.3 > 419	6.89e3	3.24e4	0.256	0.213	5.37	2.66	42.1395	86.4		
52	51 13C2-PFUdA	565 > 519.8	2.57e4	3.24e4	0.256	0.793	5.40	9.92	38.3940	78.7		
53	53 13C2-PFDoA	615.0 > 56...	3.07e4	3.44e4	0.256	0.894	5.68	11.2	38.1498	78.2		
54	53 13C2-PFDoA	615.0 > 56...	3.07e4	3.44e4	0.256	0.894	5.68	11.2	38.1498	78.2		
55	-1											
56	30 PFTeDA	712.8 > 66...	2.55e4	1.96e4	0.256	0.000	6.15	16.2	48.7142		11.6	NO
57	73 TCDA	498.3>106.9			0.256							
58	60 13C4-PFBA	217. > 172	1.59e4	1.59e4	0.256	1.00	1.26	12.5	48.7710	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.31e4	3.31e4	0.256	1.00	3.07	12.5	48.7710	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.71e3	4.71e3	0.256	1.00	3.86	12.5	48.7710	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	1.96e4	3.24e4	0.256	0.605	6.15	7.57	40.8399	83.7		
62	47 13C8-PFOS	507.0 > 79.9	5.15e3	5.15e3	0.256	1.00	4.77	12.5	45.9414	94.2		
63	63 13C8-PFOA	420.9 > 376	3.74e4	3.74e4	0.256	1.00	4.24	12.5	48.7710	100.0		
64	64 13C9-PFNA	472.2 > 42...	2.65e4	2.65e4	0.256	1.00	4.68	12.5	48.7710	100.0		
65	65 13C4-PFOS	503 > 79.9	5.15e3	5.15e3	0.256	1.00	4.77	12.5	48.7710	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.44e4	3.44e4	0.256	1.00	5.07	12.5	48.7710	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.24e4	3.24e4	0.256	1.00	5.40	12.5	48.7710	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-31.qld

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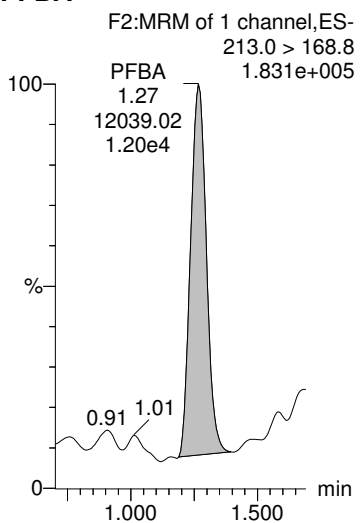
Printed: Thursday, August 30, 2018 13:43:12 Pacific Daylight Time

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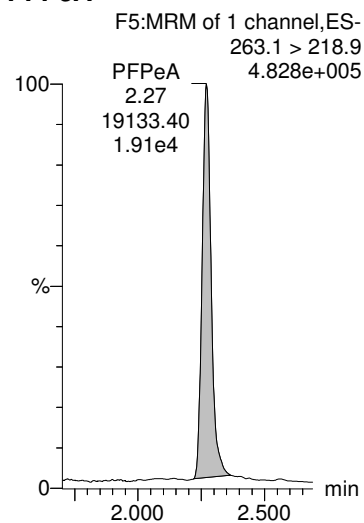
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Name: 180825M1_31, Date: 25-Aug-2018, Time: 18:50:40, ID: B8H0014-MSD1 Matrix Spike Dup 0.2563, Description: Matrix Spike Dup

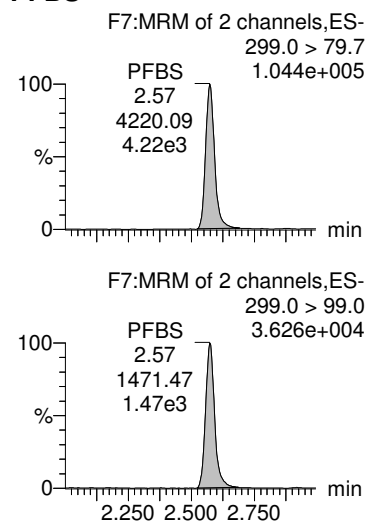
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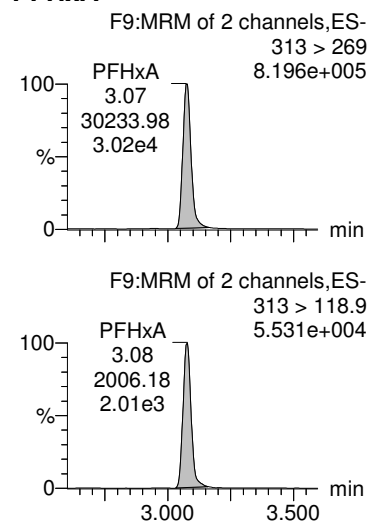
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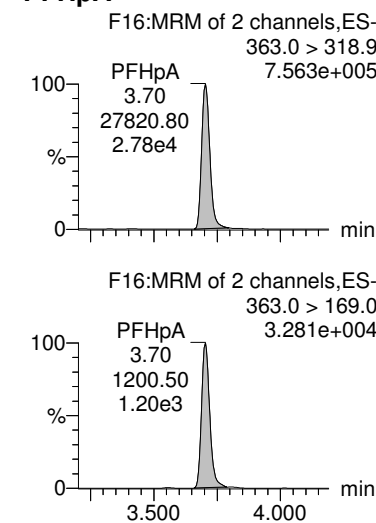
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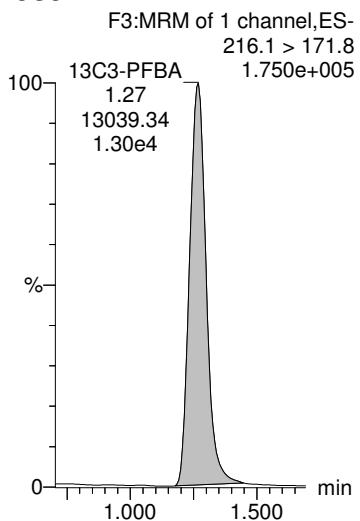
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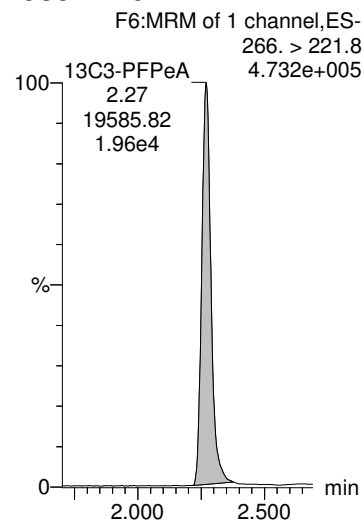
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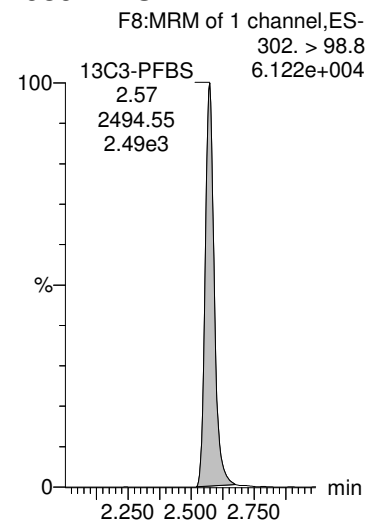
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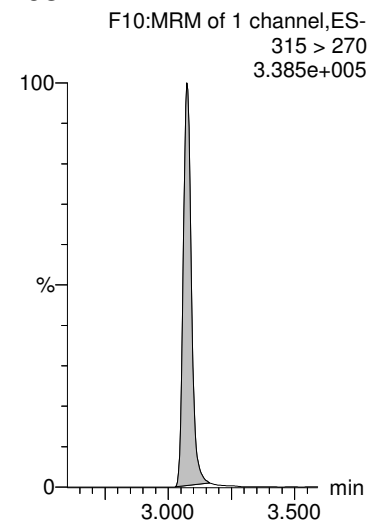
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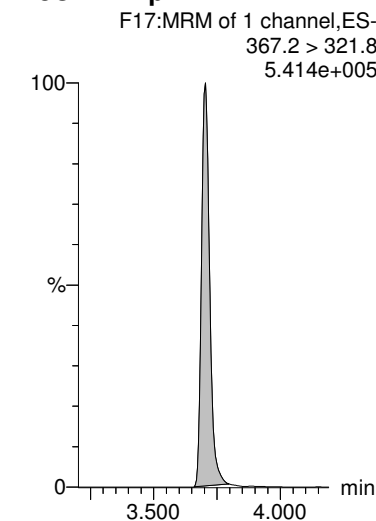
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



CGH 8/30/2018

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-31.qld

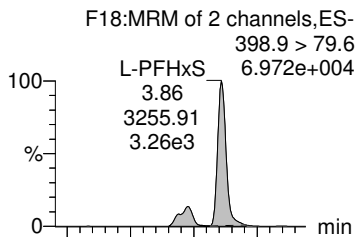
MMM 9/6/2018

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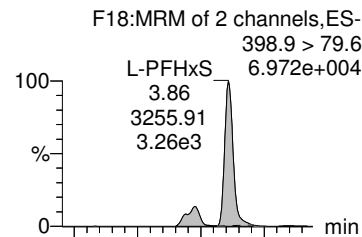
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Name: 180825M1_31, Date: 25-Aug-2018, Time: 18:50:40, ID: B8H0014-MSD1 Matrix Spike Dup 0.2563, Description: Matrix Spike Dup

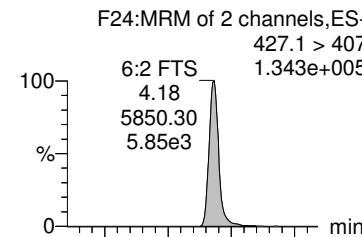
L-PFHxS



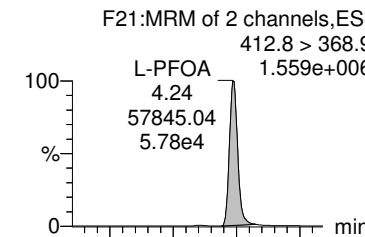
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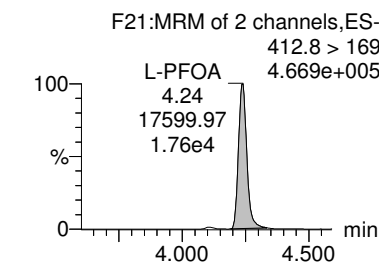
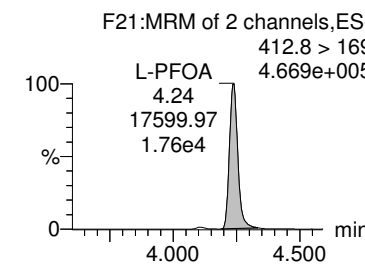
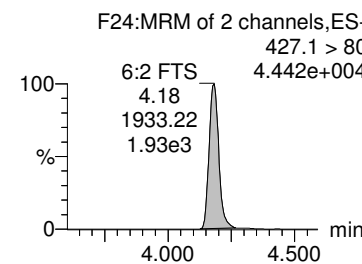
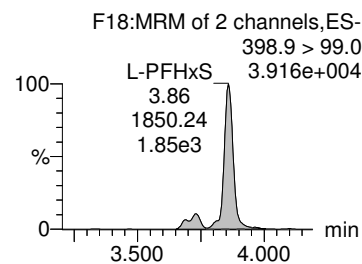
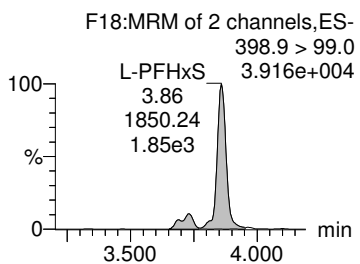
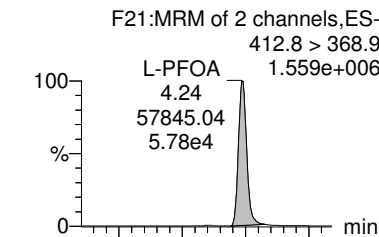
6:2 FTS



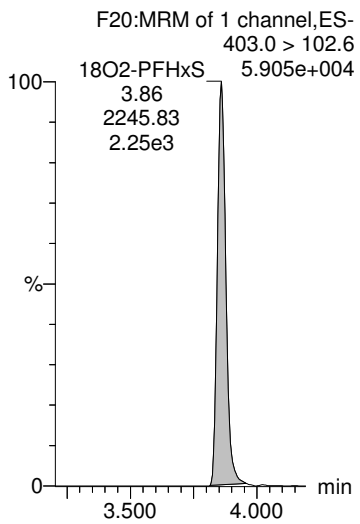
L-PFOA



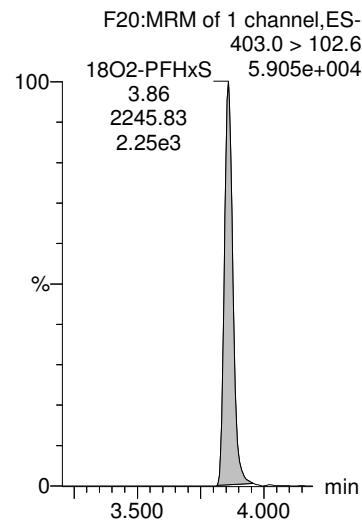
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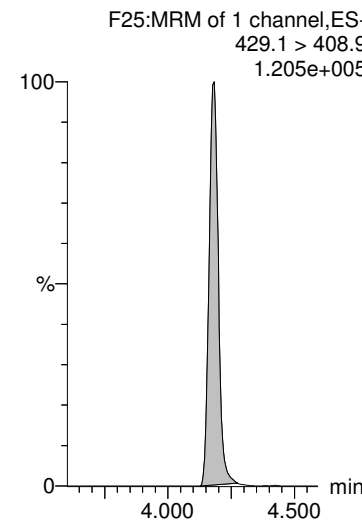
18O2-PFHxS



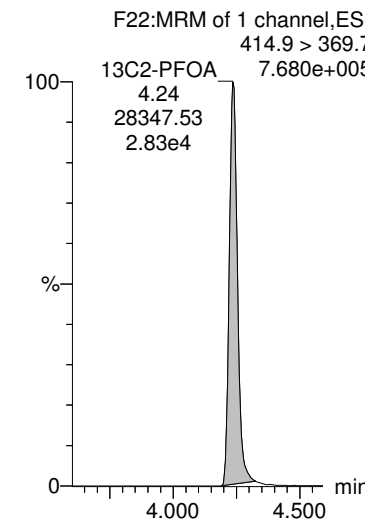
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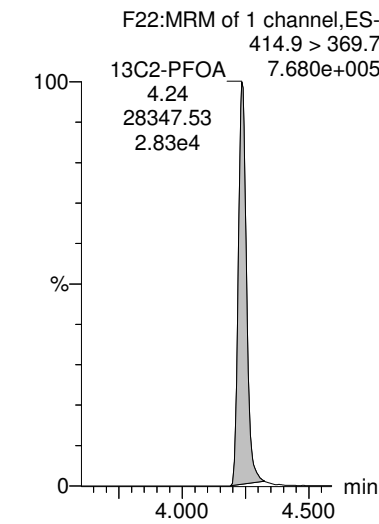
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-31.qld

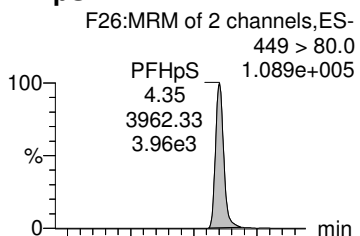
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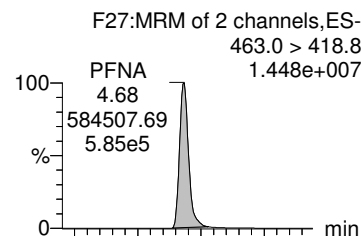
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Name: 180825M1_31, Date: 25-Aug-2018, Time: 18:50:40, ID: B8H0014-MSD1 Matrix Spike Dup 0.2563, Description: Matrix Spike Dup

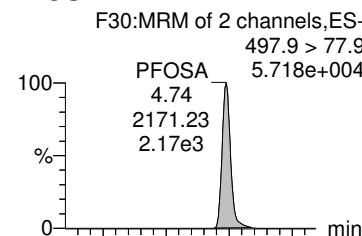
PFHpS



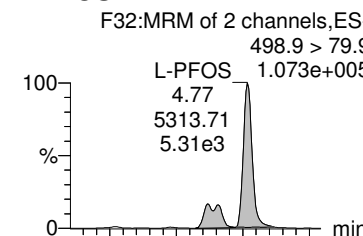
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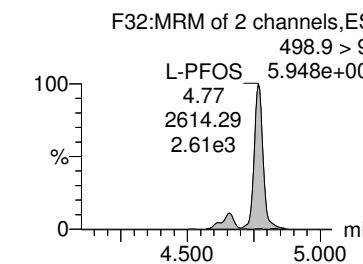
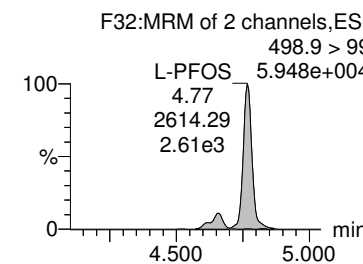
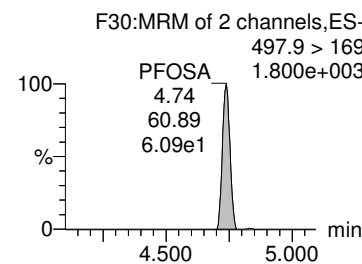
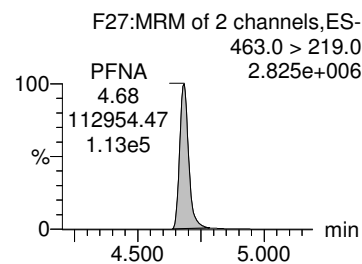
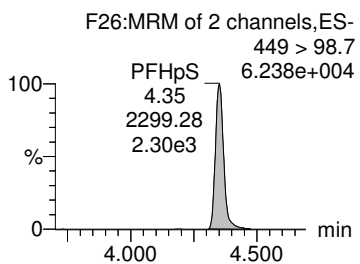
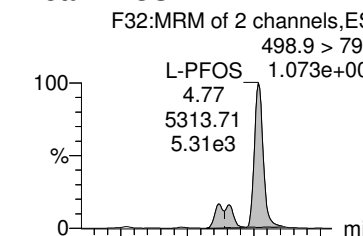
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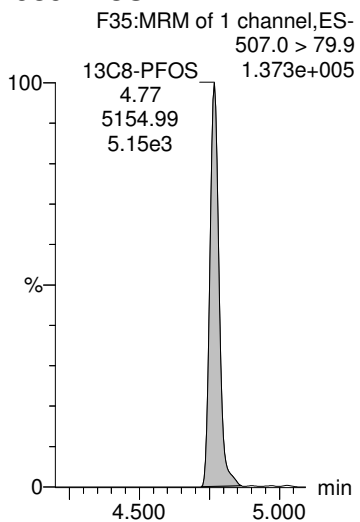
L-PFOS



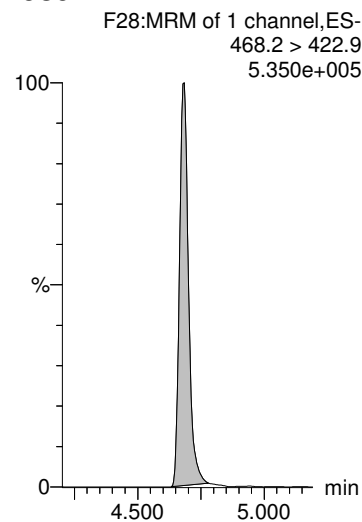
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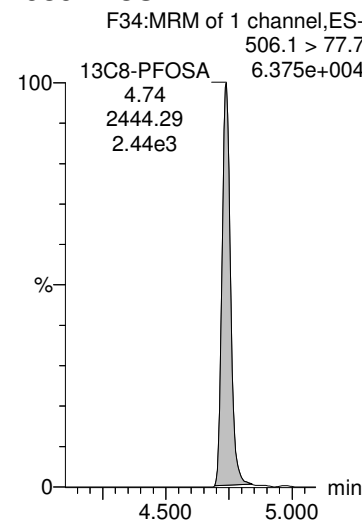
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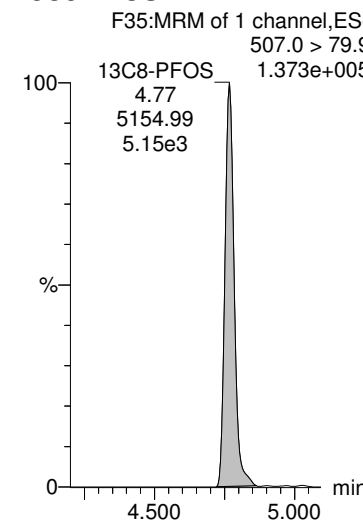
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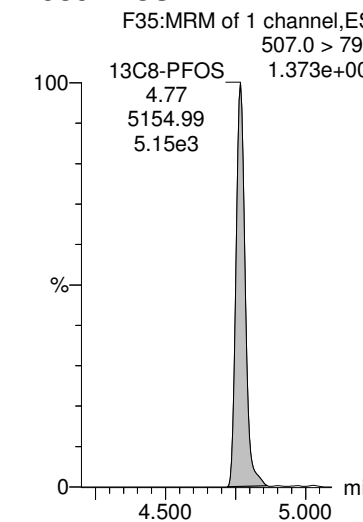
13C8-PFOSA



13C8-PFOS



13C8-PFOS



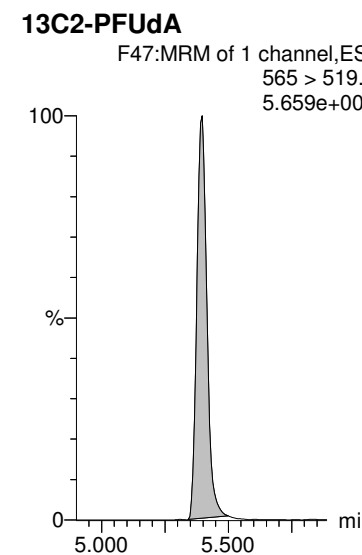
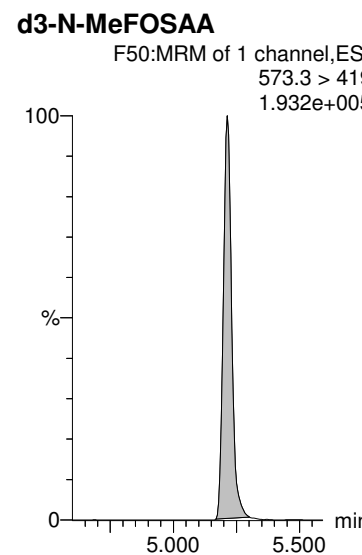
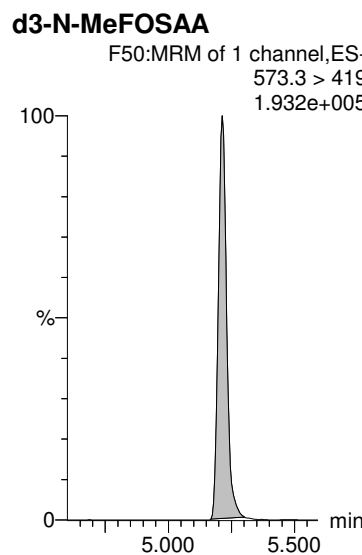
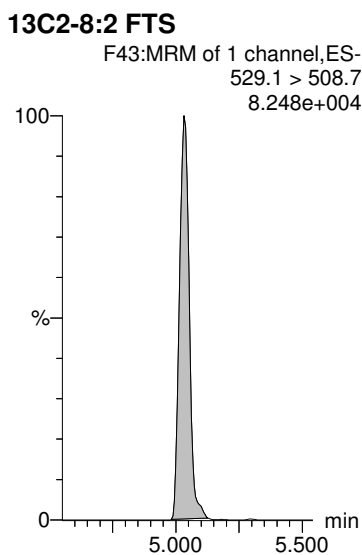
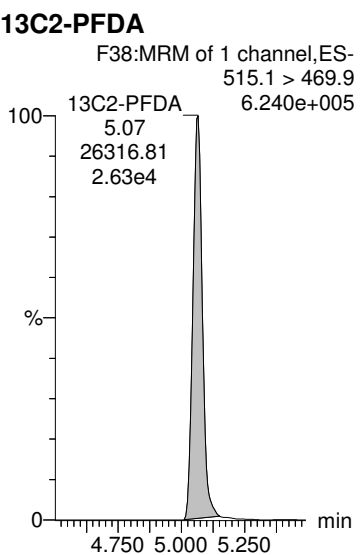
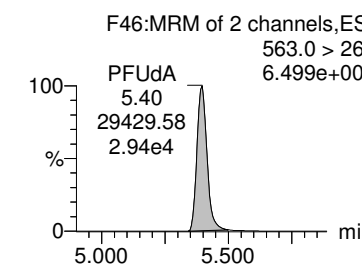
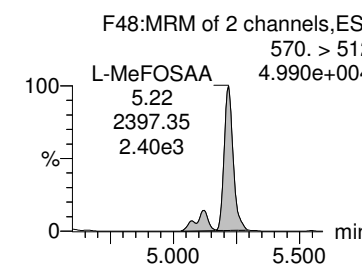
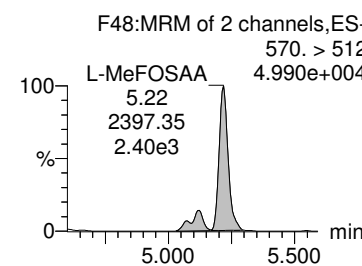
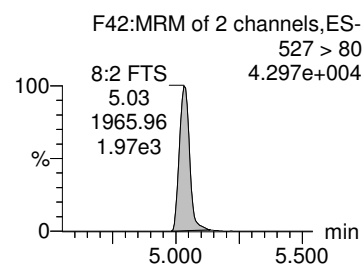
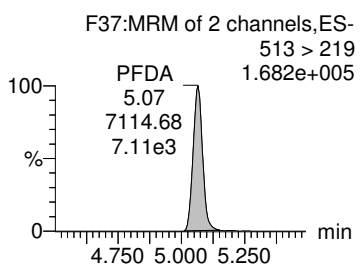
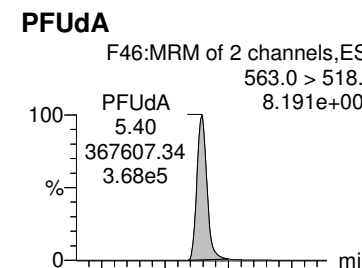
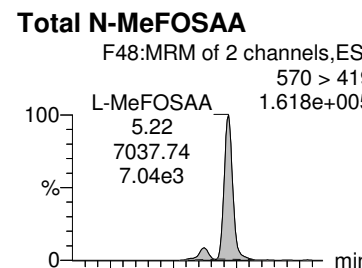
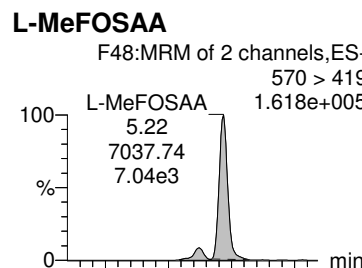
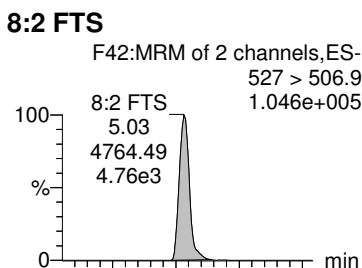
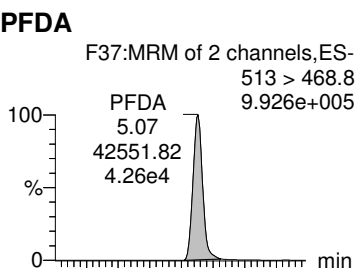
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Printed: Thursday, August 30, 2018 13:43:12 Pacific Daylight Time

Name: 180825M1_31, Date: 25-Aug-2018, Time: 18:50:40, ID: B8H0014-MSD1 Matrix Spike Dup 0.2563, Description: Matrix Spike Dup



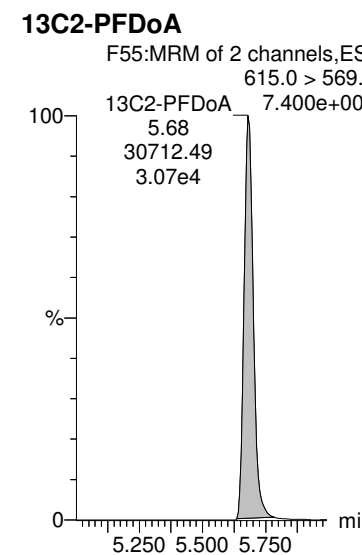
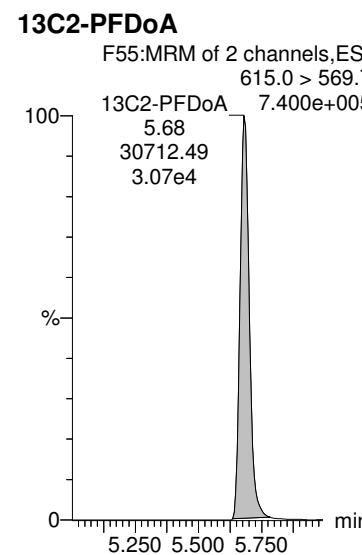
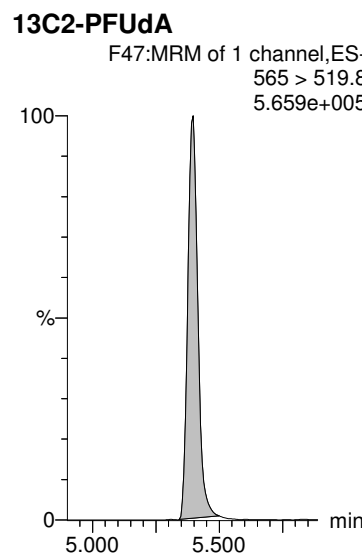
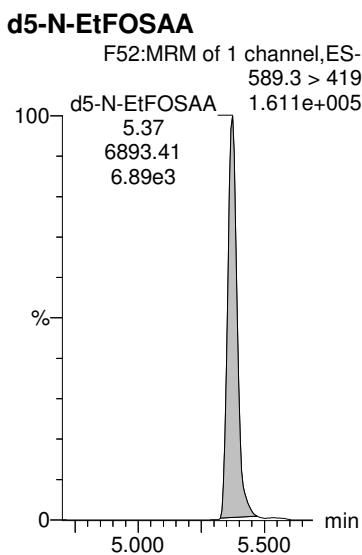
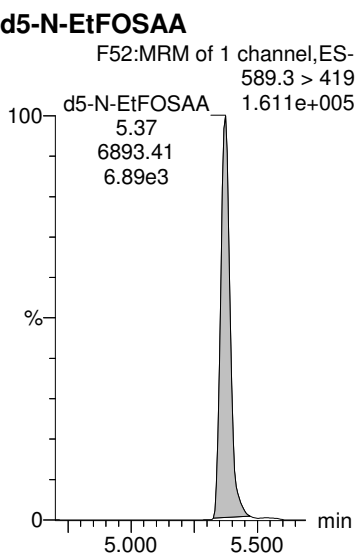
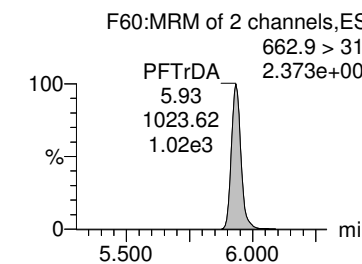
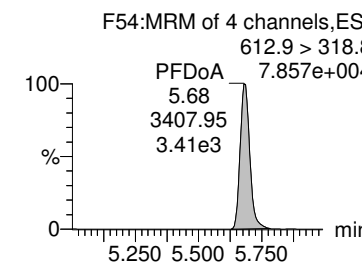
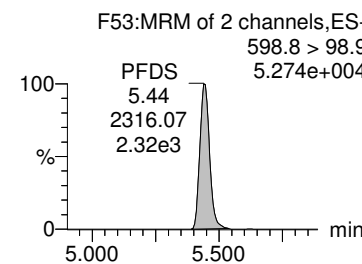
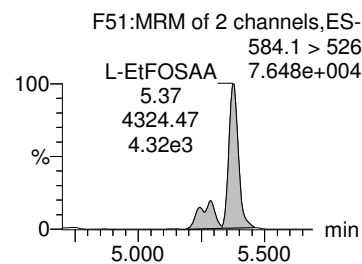
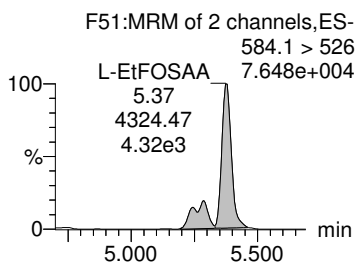
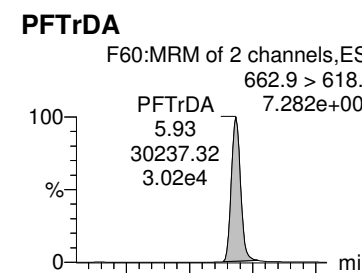
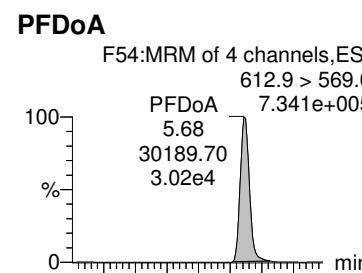
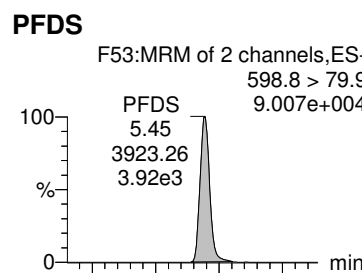
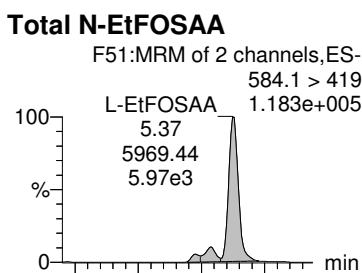
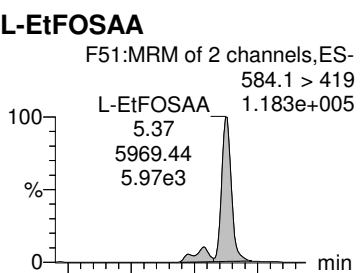
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Name: 180825M1_31, Date: 25-Aug-2018, Time: 18:50:40, ID: B8H0014-MSD1 Matrix Spike Dup 0.2563, Description: Matrix Spike Dup



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-31.qld

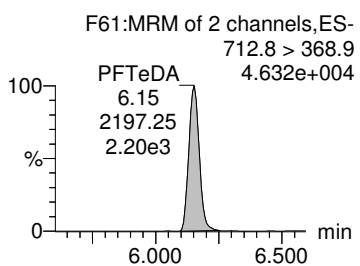
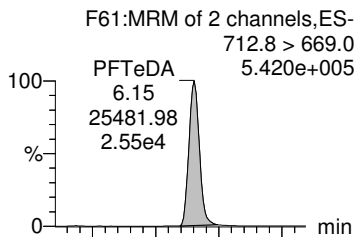
MMM 9/6/2018

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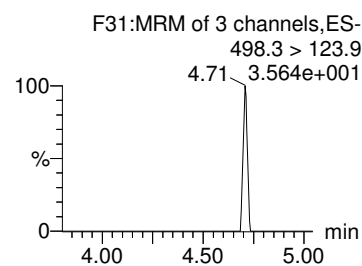
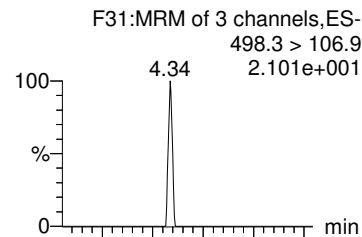
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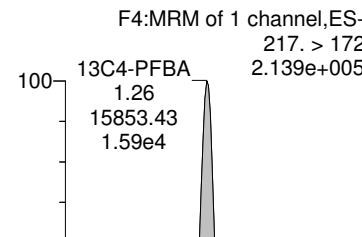
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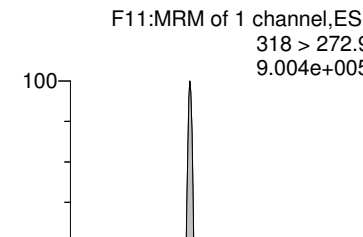
TCDA



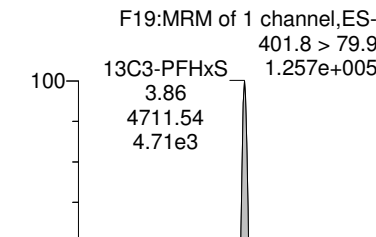
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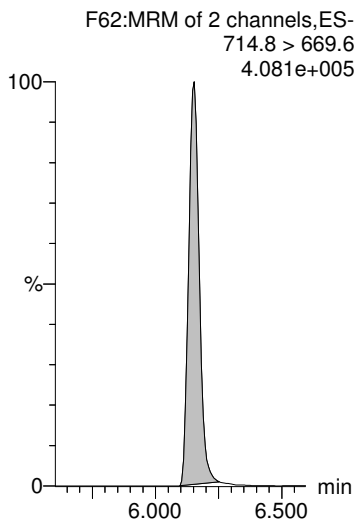
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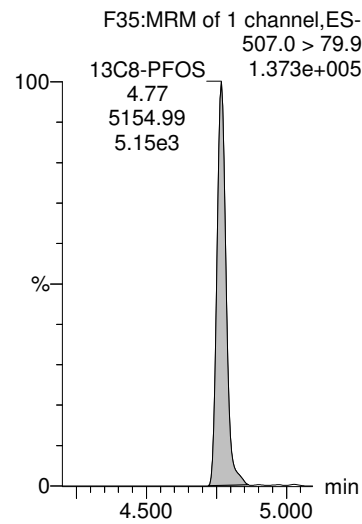
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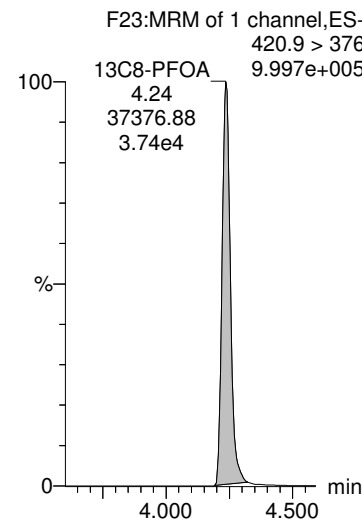
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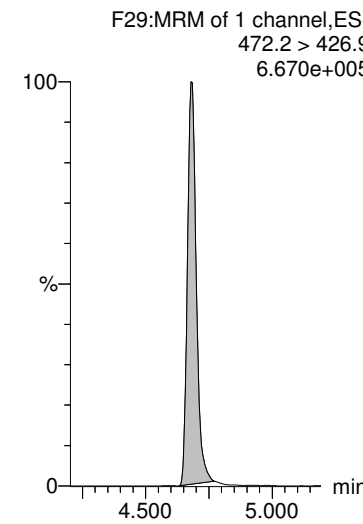
13C8-PFOS



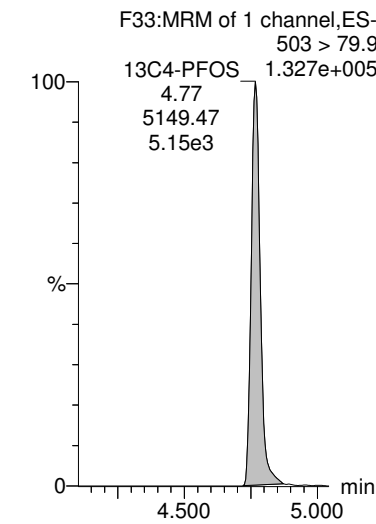
13C8-PFOA



13C9-PFNA



13C4-PFOS



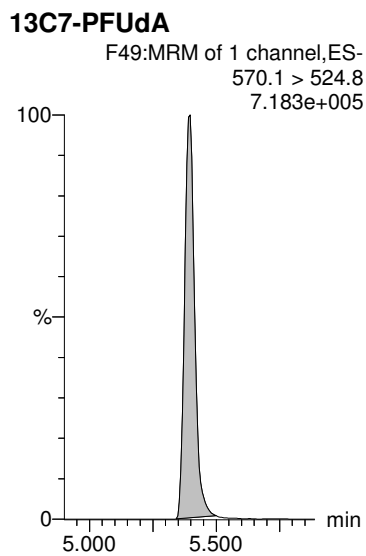
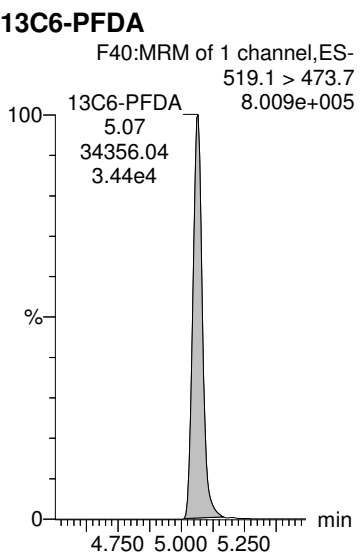
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MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 13:42:19 Pacific Daylight Time

Printed: Thursday, August 30, 2018 13:43:12 Pacific Daylight Time

Name: 180825M1_31, Date: 25-Aug-2018, Time: 18:50:40, ID: B8H0014-MSD1 Matrix Spike Dup 0.2563, Description: Matrix Spike Dup



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-44.qld

MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 14:50:22 Pacific Daylight Time

Printed: Thursday, August 30, 2018 14:50:52 Pacific Daylight Time

Name: 180825M1_44, Date: 25-Aug-2018, Time: 21:08:27, ID: 1802094-11 SA-SW201-20180727 0.10591, Description: SA-SW201-20180727

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	4.36e2	1.22e4	0.106	0.000	1.27	0.447	3.5294			
2	2 PFPeA	263.1 > 21...	6.82e2	1.81e4	0.106	0.000	2.27	0.470	4.0164			
3	3 PFBS	299.0 > 79.7		2.26e3	0.106						0.000	YES
4	5 PFHxA	313 > 269	9.39e2	1.10e4	0.106	0.000	3.07	0.427	3.7143		19.0	NO
5	7 PFHpA	363.0 > 31...	6.07e2	1.58e4	0.106	0.000	3.70	0.482	3.5504		29.1	NO
6	36 13C3-PFBA	216.1 > 17...	1.22e4	1.63e4	0.106	0.748	1.27	9.35	106.8295	90.5		
7	37 13C3-PFPeA	266. > 221.8	1.81e4	3.28e4	0.106	0.553	2.27	6.91	101.9173	86.4		
8	38 13C3-PFBS	302. > 98.8	2.26e3	3.28e4	0.106	0.0689	2.57	0.861	124.8583	105.8		
9	40 13C2-PFHxA	315 > 270	1.10e4	3.28e4	0.106	0.837	3.07	4.18	40.8279	86.5		
10	41 13C4-PFHpA	367.2 > 32...	1.58e4	3.28e4	0.106	0.480	3.70	6.00	96.7868	82.0		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	9.76e1	2.03e3	0.106	0.000	3.86	0.600	3.2082		1.40	NO
13	68 Total PFHxS	398.9 > 79.6	9.76e1	2.03e3	0.106			0.600	3.2082			
14	10 6:2 FTS	427.1 > 407	2.88e1	3.95e3	0.106	0.000	4.18	0.0912	0.4844		4.76	YES
15	11 L-PFOA	412.8 > 36...	1.61e3	2.10e4	0.106	0.000	4.24	0.957	6.3109		3.30	NO
16	69 Total PFOA	412.8 > 36...	1.84e3	2.10e4	0.106			1.10	6.3288			
17	42 18O2-PFHxS	403.0 > 10...	2.03e3	4.47e3	0.106	0.455	3.86	5.69	103.8181	88.0		
18	42 18O2-PFHxS	403.0 > 10...	2.03e3	4.47e3	0.106	0.455	3.86	5.69	103.8181	88.0		
19	43 13C2-6:2 FTS	429.1 > 40...	3.95e3	3.33e4	0.106	0.119	4.18	1.48	104.8330	88.8		
20	44 13C2-PFOA	414.9 > 36...	2.10e4	3.33e4	0.106	0.631	4.24	7.89	86.4001	73.2		
21	44 13C2-PFOA	414.9 > 36...	2.10e4	3.33e4	0.106	0.631	4.24	7.89	86.4001	73.2		
22	-1											
23	13 PFHpS	449 > 80.0		4.17e3	0.106						0.000	YES
24	14 PFNA	463.0 > 41...	6.21e3	2.02e4	0.106	0.000	4.68	3.84	29.9481		5.93	NO
25	15 PFOSA	497.9 > 77.9		2.30e3	0.106							
26	16 L-PFOS	498.9 > 79.9	1.37e2	4.17e3	0.106	0.000	4.77	0.410	3.5802		2.03	NO
27	70 Total PFOS	498.9 > 79.9	1.37e2	4.17e3	0.106			0.410	3.5802			
28	47 13C8-PFOS	507.0 > 79.9	4.17e3	5.23e3	0.106	0.797	4.77	9.96	88.4866	75.0		
29	45 13C5-PFNA	468.2 > 42...	2.02e4	2.90e4	0.106	0.699	4.68	8.73	85.8887	72.8		
30	46 13C8-PFOSA	506.1 > 77.7	2.30e3	3.49e4	0.106	0.0658	4.74	0.822	39.6497	33.6		
31	47 13C8-PFOS	507.0 > 79.9	4.17e3	5.23e3	0.106	0.797	4.77	9.96	88.4866	75.0		
32	47 13C8-PFOS	507.0 > 79.9	4.17e3	5.23e3	0.106	0.797	4.77	9.96	88.4866	75.0		
33	-1											
34	18 PFDA	513 > 468.8	2.16e2	1.88e4	0.106	0.000	5.06	0.143	0.3049		17.7	YES
35	19 8:2 FTS	527 > 506.9		3.12e3	0.106							
36	21 L-MeFOSAA	570 > 419		4.86e3	0.106							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	4.86e3	0.106			0.000				

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Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-44.qld

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Printed: Thursday, August 30, 2018 14:50:52 Pacific Daylight Time

Name: 180825M1_44, Date: 25-Aug-2018, Time: 21:08:27, ID: 1802094-11 SA-SW201-20180727 0.10591, Description: SA-SW201-20180727

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	4.74e2	2.23e4	0.106	0.000	5.40	0.266	1.5741		12.0	NO
39	48 13C2-PFDA	515.1 > 46...	1.88e4	3.22e4	0.106	0.586	5.07	7.32	73.2879	62.1		
40	49 13C2-8:2 FTS	529.1 > 50...	3.12e3	3.33e4	0.106	0.0937	5.03	1.17	105.4986	89.4		
41	50 d3-N-MeFOSAA	573.3 > 419	4.86e3	3.49e4	0.106	0.139	5.21	1.74	72.4157	61.4		
42	50 d3-N-MeFOSAA	573.3 > 419	4.86e3	3.49e4	0.106	0.139	5.21	1.74	72.4157	61.4		
43	51 13C2-PFUdA	565 > 519.8	2.23e4	3.49e4	0.106	0.637	5.40	7.96	74.6169	63.2		
44	-1											
45	23 L-EtFOSAA	584.1 > 419		5.56e3	0.106							
46	72 Total N-EtFOSAA	584.1 > 419	0.00e0	5.56e3	0.106			0.000				
47	26 PFDS	598.8 > 79.9		4.17e3	0.106							
48	27 PFDoA	612.9 > 56...		2.33e4	0.106							
49	29 PFTrDA	662.9 > 61...		2.33e4	0.106							
50	52 d5-N-EtFOSAA	589.3 > 419	5.56e3	3.49e4	0.106	0.159	5.37	1.99	76.2326	64.6		
51	52 d5-N-EtFOSAA	589.3 > 419	5.56e3	3.49e4	0.106	0.159	5.37	1.99	76.2326	64.6		
52	51 13C2-PFUdA	565 > 519.8	2.23e4	3.49e4	0.106	0.637	5.40	7.96	74.6169	63.2		
53	53 13C2-PFDoA	615.0 > 56...	2.33e4	3.22e4	0.106	0.724	5.68	9.05	74.7315	63.3		
54	53 13C2-PFDoA	615.0 > 56...	2.33e4	3.22e4	0.106	0.724	5.68	9.05	74.7315	63.3		
55	-1											
56	30 PFTeDA	712.8 > 66...		1.79e4	0.106							
57	73 TCDA	498.3>106.9			0.106							
58	60 13C4-PFBA	217. > 172	1.63e4	1.63e4	0.106	1.00	1.27	12.5	118.0247	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.28e4	3.28e4	0.106	1.00	3.07	12.5	118.0247	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.47e3	4.47e3	0.106	1.00	3.86	12.5	118.0247	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	1.79e4	3.49e4	0.106	0.513	6.15	6.42	83.8205	71.0		
62	47 13C8-PFOS	507.0 > 79.9	4.17e3	5.23e3	0.106	0.797	4.77	9.96	88.4866	75.0		
63	63 13C8-PFOA	420.9 > 376	3.33e4	3.33e4	0.106	1.00	4.24	12.5	118.0247	100.0		
64	64 13C9-PFNA	472.2 > 42...	2.90e4	2.90e4	0.106	1.00	4.68	12.5	118.0247	100.0		
65	65 13C4-PFOS	503 > 79.9	5.23e3	5.23e3	0.106	1.00	4.77	12.5	118.0247	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.22e4	3.22e4	0.106	1.00	5.06	12.5	118.0247	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.49e4	3.49e4	0.106	1.00	5.39	12.5	118.0247	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-44.qld

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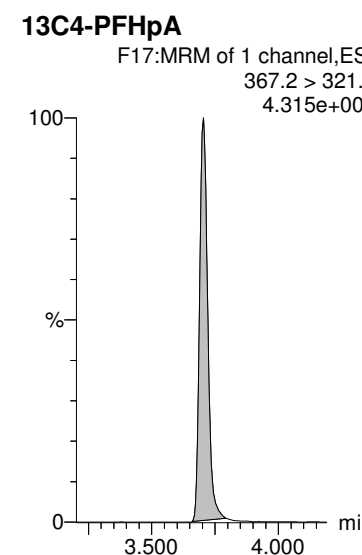
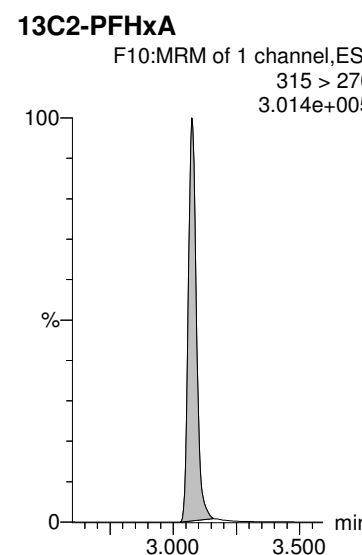
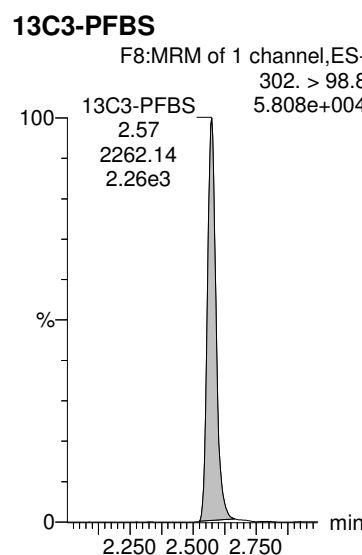
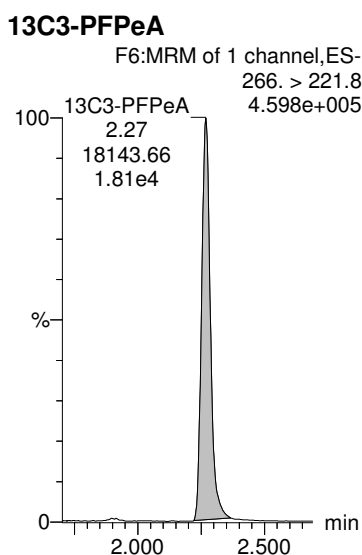
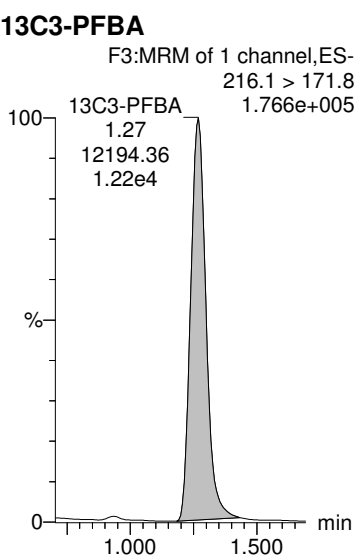
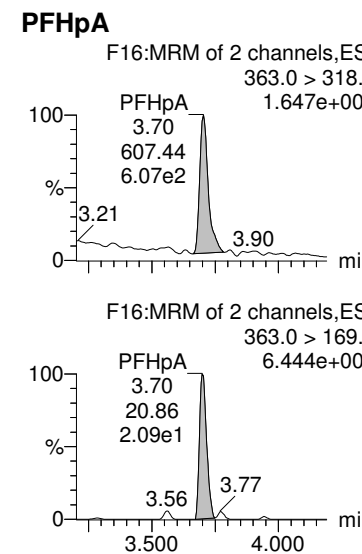
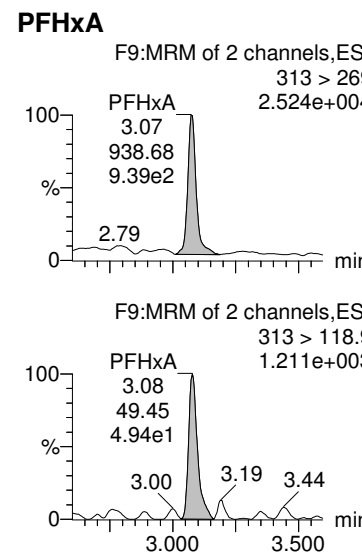
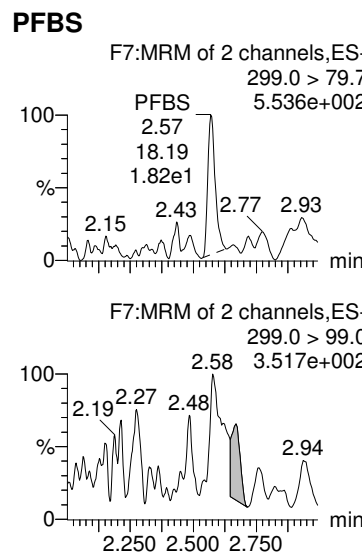
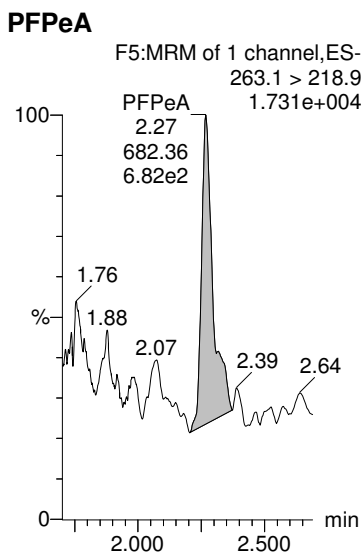
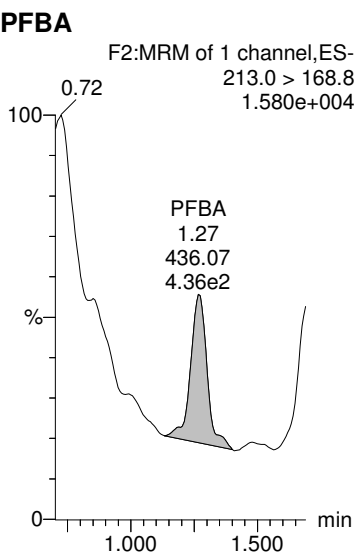
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Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Name: 180825M1_44, Date: 25-Aug-2018, Time: 21:08:27, ID: 1802094-11 SA-SW201-20180727 0.10591, Description: SA-SW201-20180727



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-44.qld

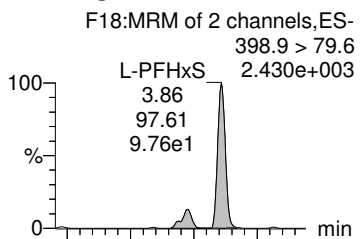
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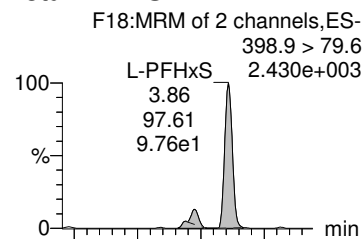
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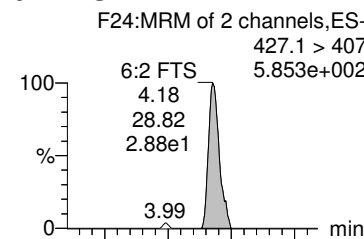
L-PFHxS



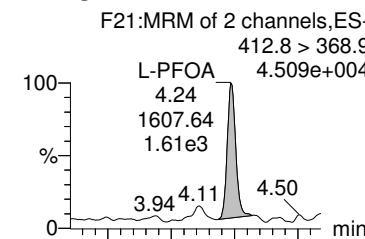
Total PFHxS



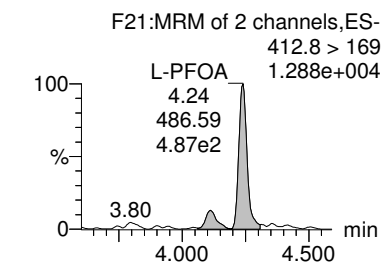
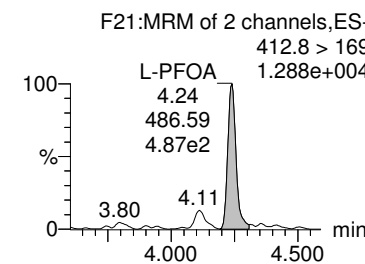
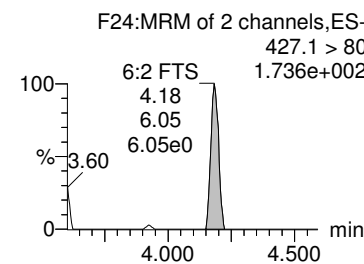
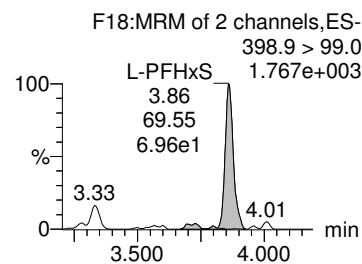
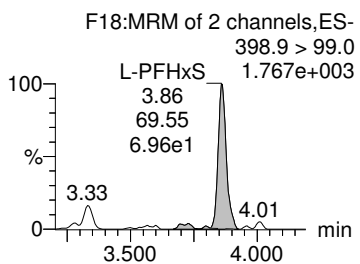
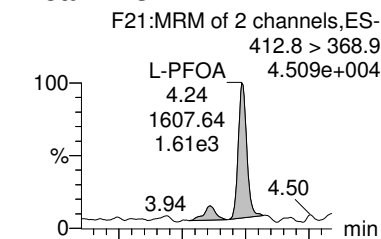
6:2 FTS



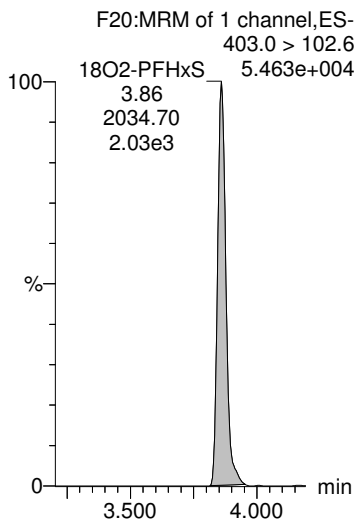
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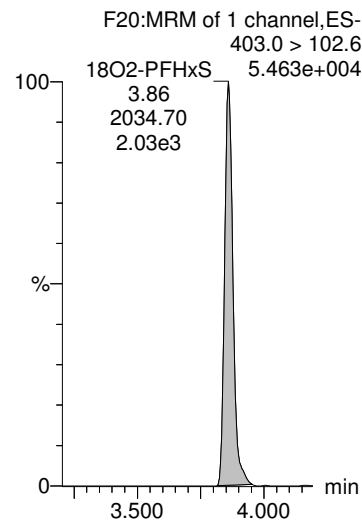
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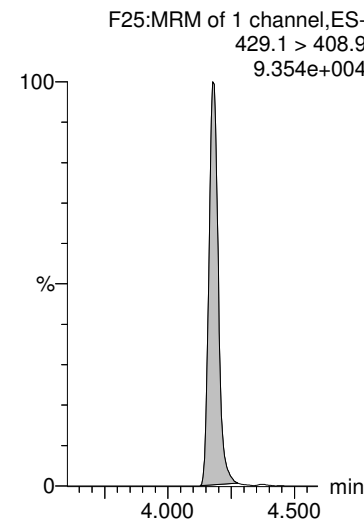
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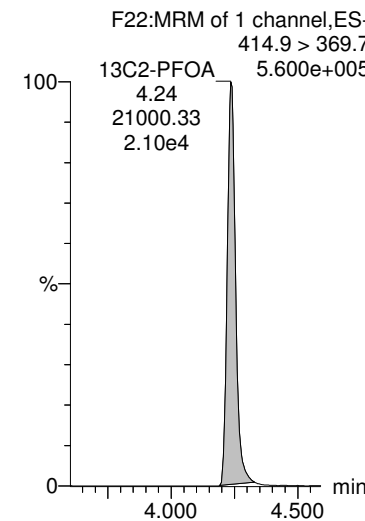
18O2-PFHxS



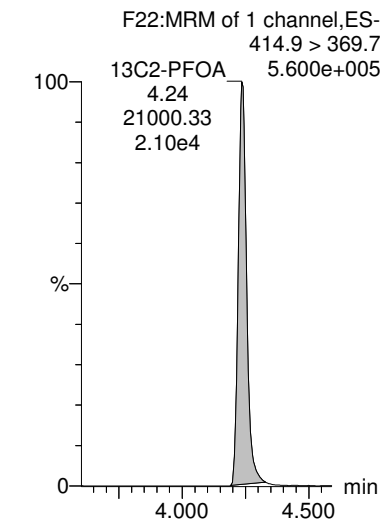
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



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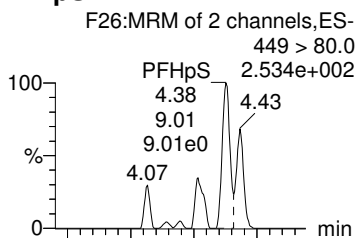
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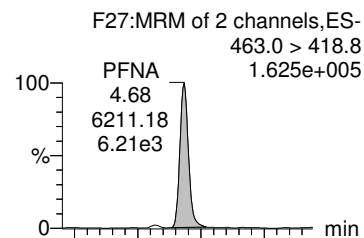
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Name: 180825M1_44, Date: 25-Aug-2018, Time: 21:08:27, ID: 1802094-11 SA-SW201-20180727 0.10591, Description: SA-SW201-20180727

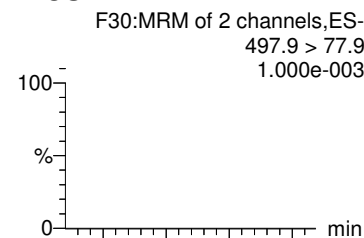
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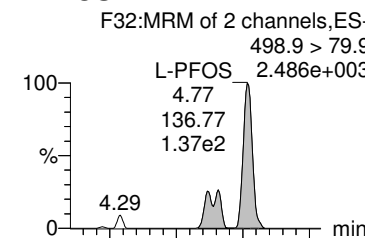
PFNA



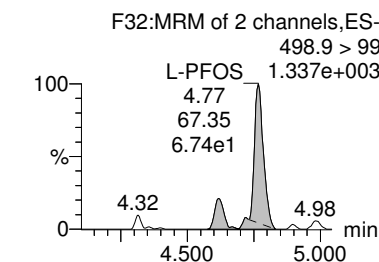
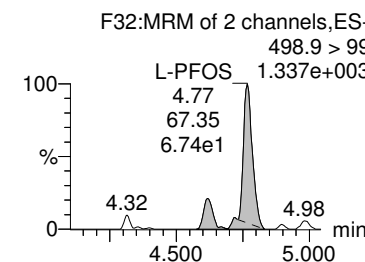
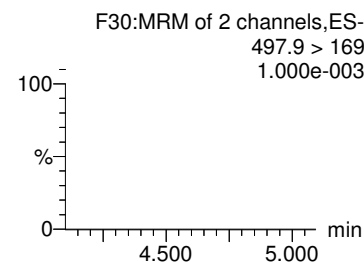
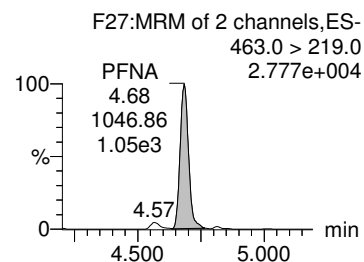
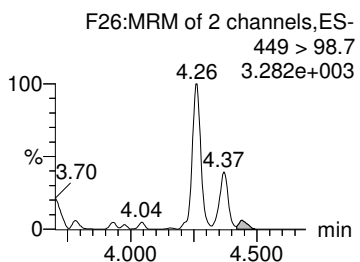
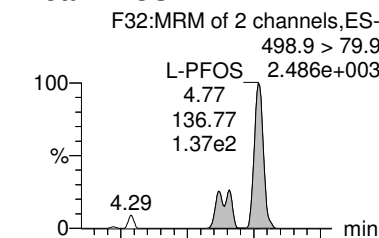
PFOSA



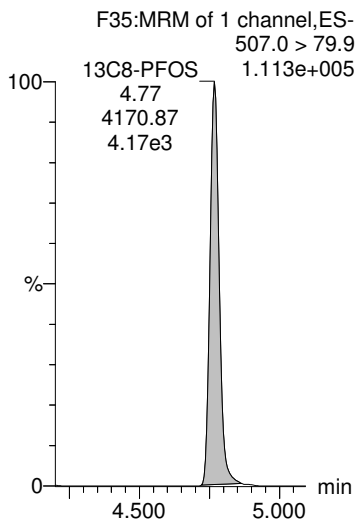
L-PFOS



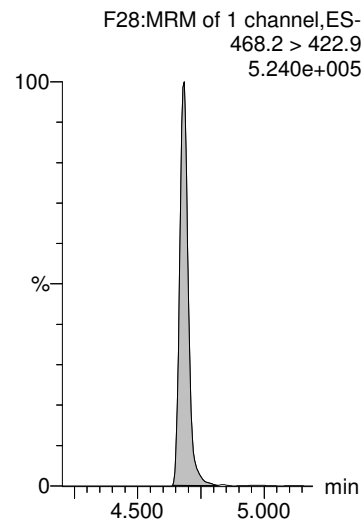
Total PFOS



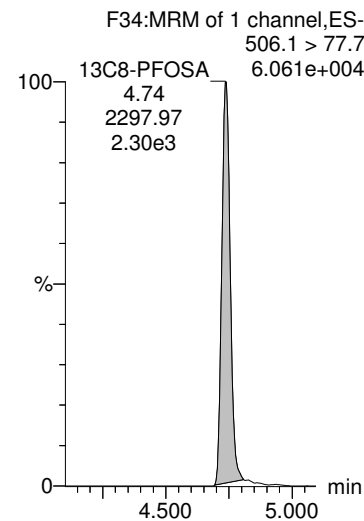
13C8-PFOS



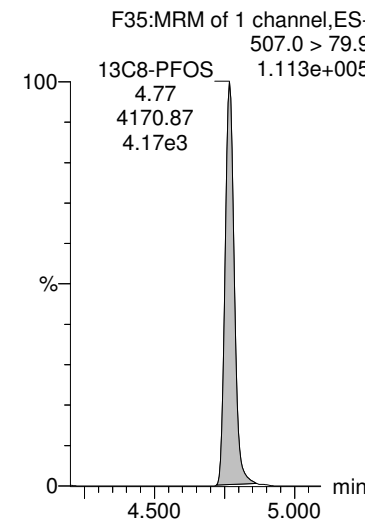
13C5-PFNA



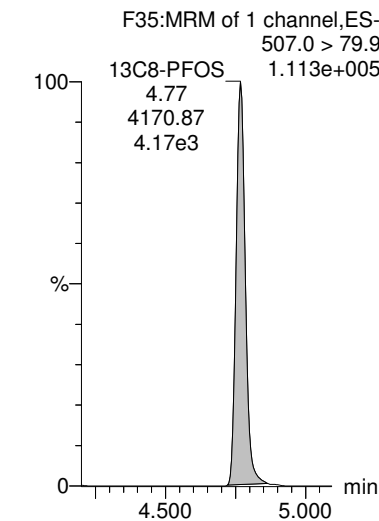
13C8-PFOSA



13C8-PFOS



13C8-PFOS



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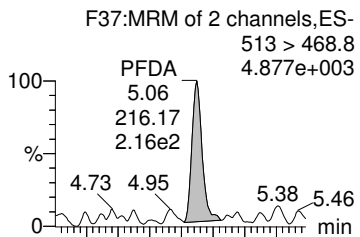
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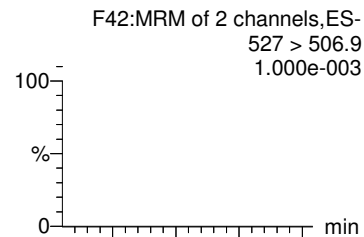
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Name: 180825M1_44, Date: 25-Aug-2018, Time: 21:08:27, ID: 1802094-11 SA-SW201-20180727 0.10591, Description: SA-SW201-20180727

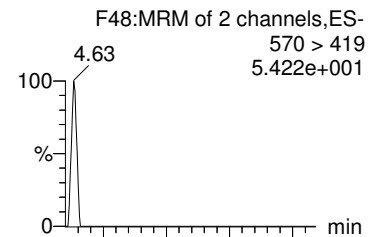
PFDA



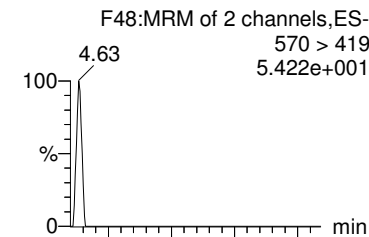
8:2 FTS



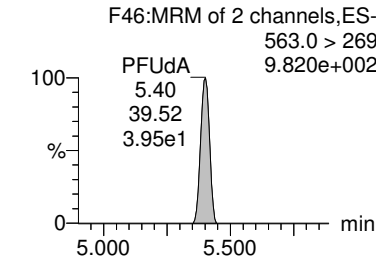
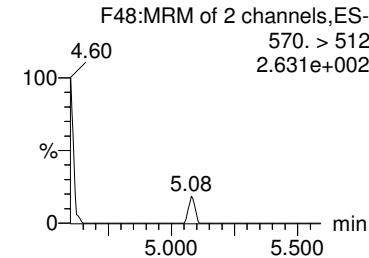
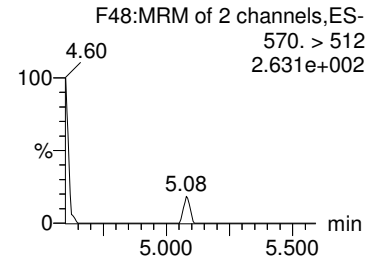
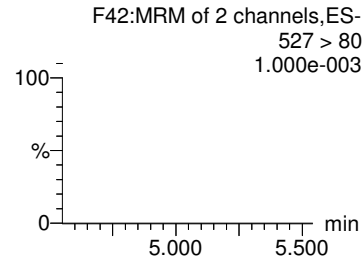
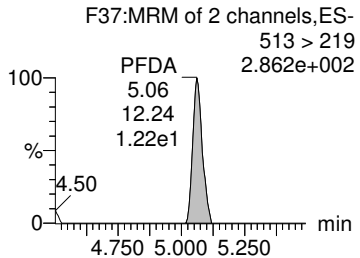
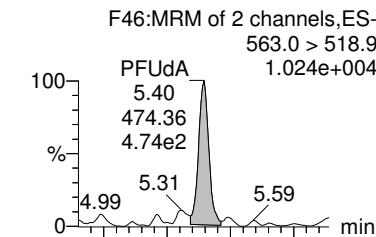
L-MeFOSAA



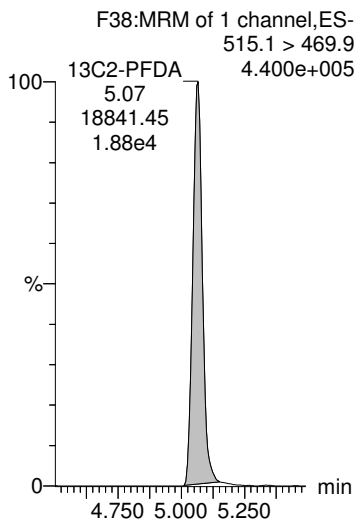
Total N-MeFOSAA



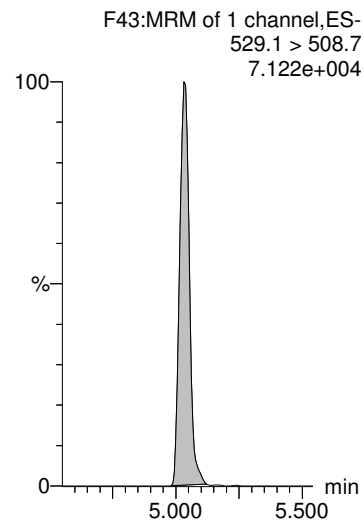
PFUdA



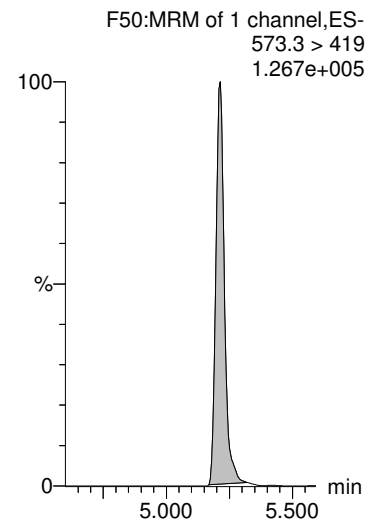
13C2-PFDA



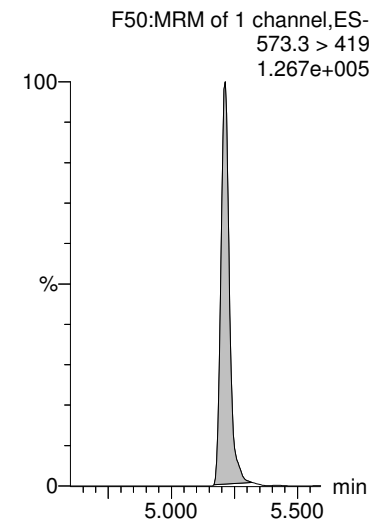
13C2-8:2 FTS



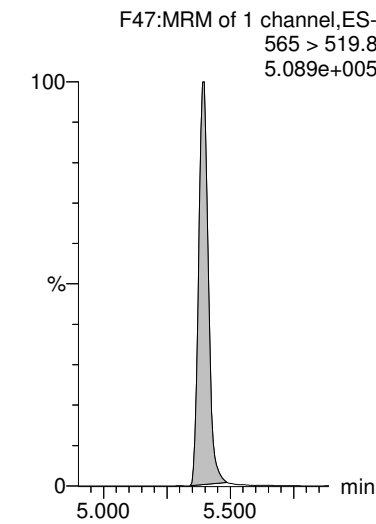
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-44.qld

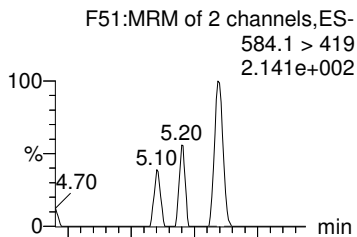
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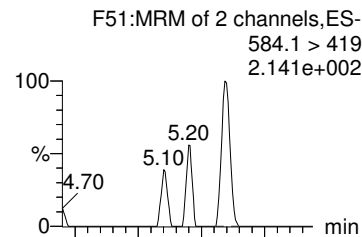
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Name: 180825M1_44, Date: 25-Aug-2018, Time: 21:08:27, ID: 1802094-11 SA-SW201-20180727 0.10591, Description: SA-SW201-20180727

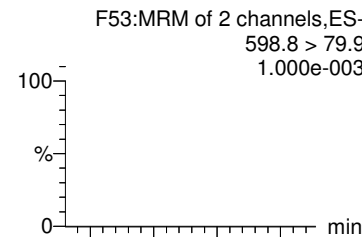
L-EtFOSAA



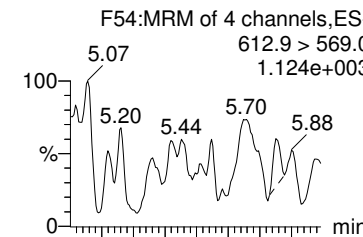
Total N-EtFOSAA



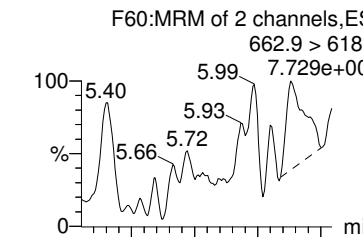
PFDS



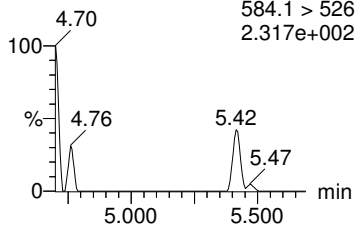
PFDoA



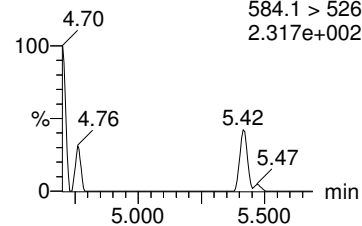
PFTrDA



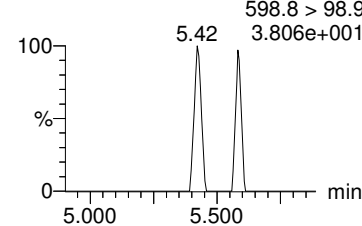
L-EtFOSAA



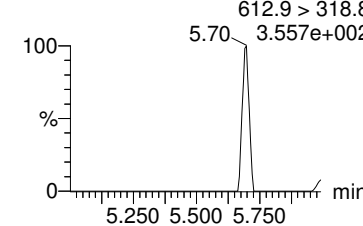
Total N-EtFOSAA



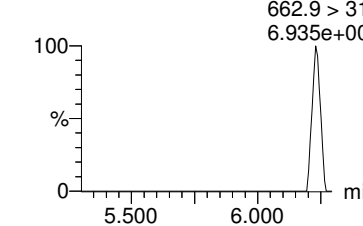
PFDS



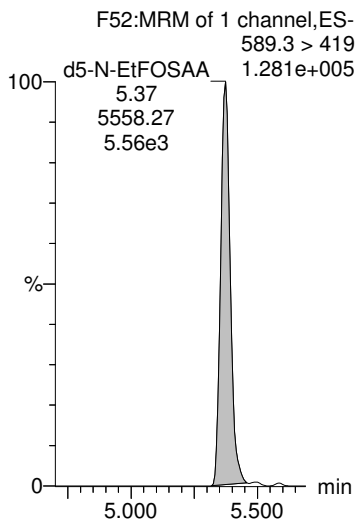
PFDoA



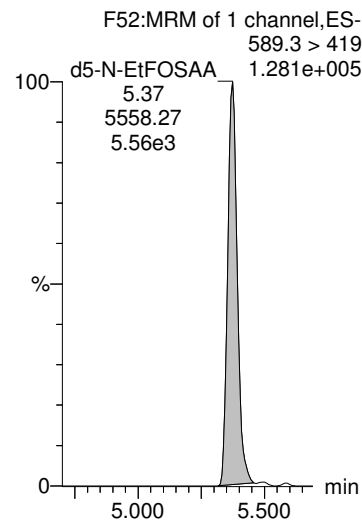
PFTrDA



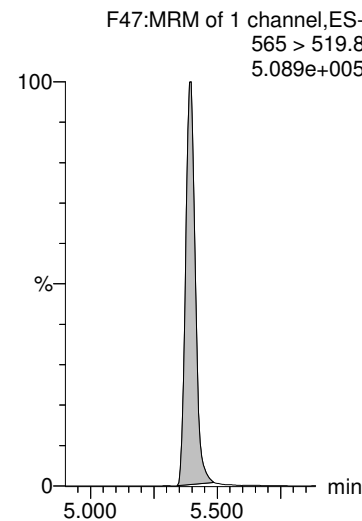
d5-N-EtFOSAA



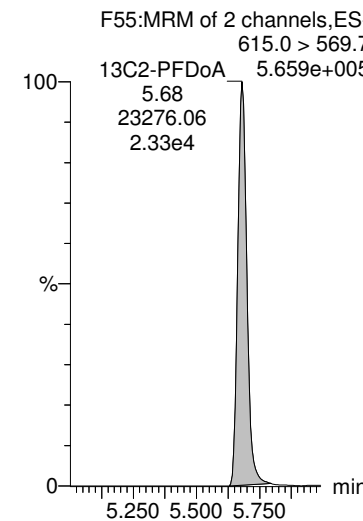
d5-N-EtFOSAA



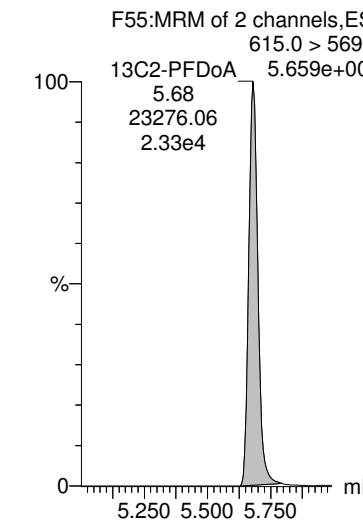
13C2-PFUDa



13C2-PFDaA



13C2-PFDaA



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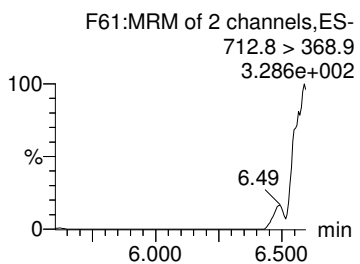
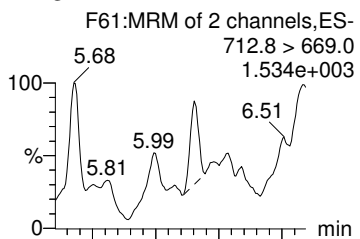
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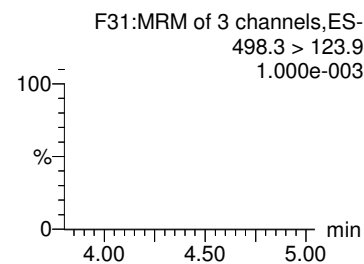
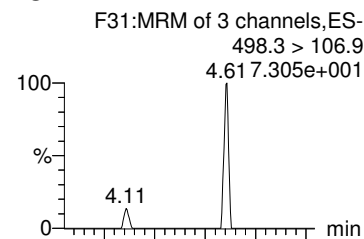
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Name: 180825M1_44, Date: 25-Aug-2018, Time: 21:08:27, ID: 1802094-11 SA-SW201-20180727 0.10591, Description: SA-SW201-20180727

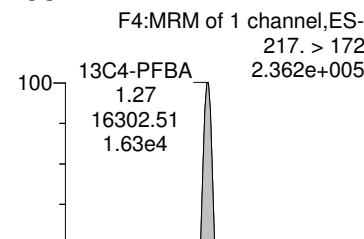
PFTeDA



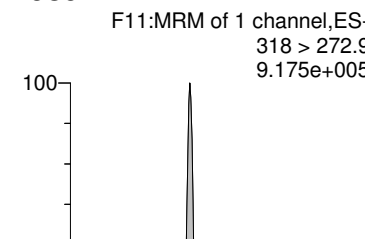
TCDA



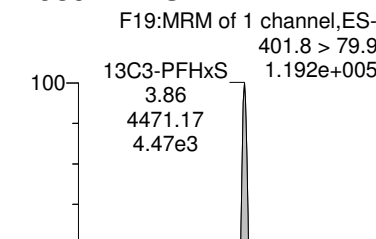
13C4-PFBA



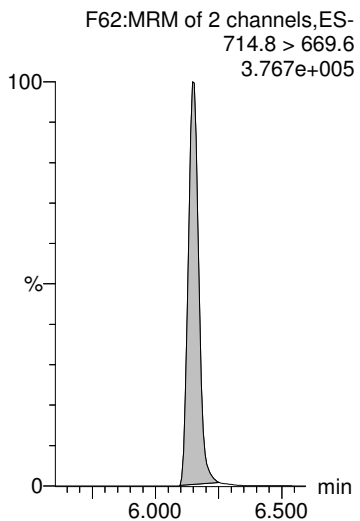
13C5-PFHxA



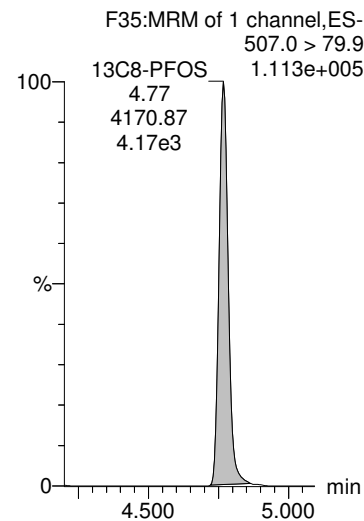
13C3-PFHxS



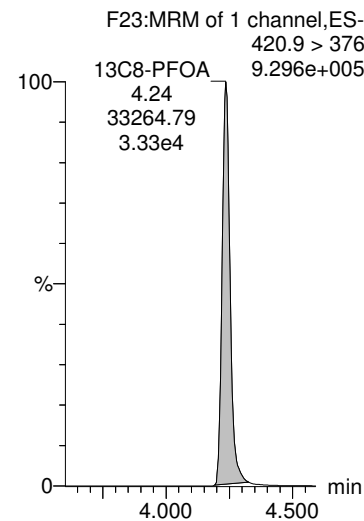
13C2-PFTeDA



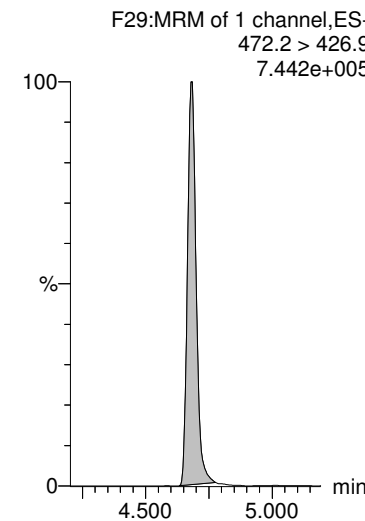
13C8-PFOS



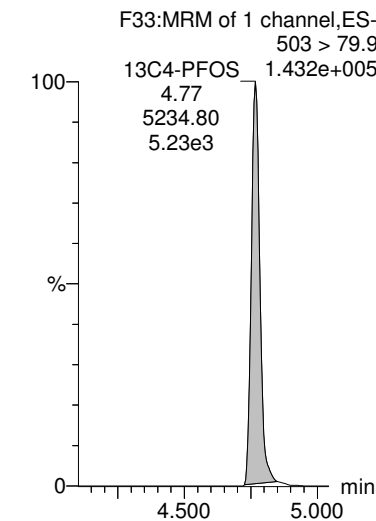
13C8-PFOA



13C9-PFNA



13C4-PFOS



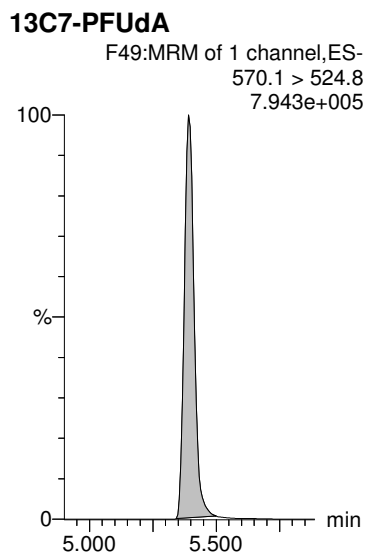
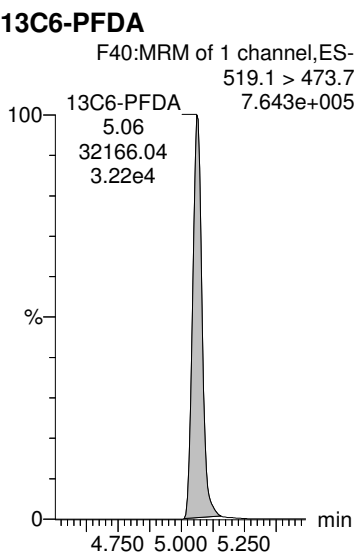
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Name: 180825M1_44, Date: 25-Aug-2018, Time: 21:08:27, ID: 1802094-11 SA-SW201-20180727 0.10591, Description: SA-SW201-20180727



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-45.qld

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Name: 180825M1_45, Date: 25-Aug-2018, Time: 21:19:05, ID: 1802094-12 SA-SW204-20180727 0.10977, Description: SA-SW204-20180727

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	6.96e2	1.29e4	0.110	0.000	1.27	0.673	5.1860			
2	2 PFPeA	263.1 > 21...	1.41e3	1.89e4	0.110	0.000	2.27	0.931	8.3043			
3	3 PFBS	299.0 > 79.7	3.36e1	2.28e3	0.110	0.000	2.57	0.184	0.6855		4.09	YES
4	5 PFHxA	313 > 269	1.62e3	1.15e4	0.110	0.000	3.08	0.705	6.2851		19.5	NO
5	7 PFHpA	363.0 > 31...	1.05e3	1.67e4	0.110	0.000	3.70	0.788	5.8176		32.3	YES
6	36 13C3-PFBA	216.1 > 17...	1.29e4	1.61e4	0.110	0.805	1.27	10.1	110.9859	97.5		
7	37 13C3-PFPeA	266. > 221.8	1.89e4	3.25e4	0.110	0.582	2.27	7.27	103.4710	90.9		
8	38 13C3-PFBS	302. > 98.8	2.28e3	3.25e4	0.110	0.0699	2.57	0.874	122.2692	107.4		
9	40 13C2-PFHxA	315 > 270	1.15e4	3.25e4	0.110	0.882	3.07	4.41	41.5362	91.2		
10	41 13C4-PFHpA	367.2 > 32...	1.67e4	3.25e4	0.110	0.512	3.70	6.40	99.6533	87.5		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	1.61e2	1.91e3	0.110	0.000	3.86	1.05	5.4816		1.29	NO
13	68 Total PFHxS	398.9 > 79.6	1.61e2	1.91e3	0.110			1.05	5.4816			
14	10 6:2 FTS	427.1 > 407	2.15e2	4.18e3	0.110	0.000	4.18	0.642	5.3912		2.85	NO
15	11 L-PFOA	412.8 > 36...	2.42e3	2.29e4	0.110	0.000	4.24	1.32	8.8094		3.21	NO
16	69 Total PFOA	412.8 > 36...	2.54e3	2.29e4	0.110			1.32	8.8094			
17	42 18O2-PFHxS	403.0 > 10...	1.91e3	4.26e3	0.110	0.448	3.86	5.60	98.6466	86.6		
18	42 18O2-PFHxS	403.0 > 10...	1.91e3	4.26e3	0.110	0.448	3.86	5.60	98.6466	86.6		
19	43 13C2-6:2 FTS	429.1 > 40...	4.18e3	3.33e4	0.110	0.125	4.18	1.57	106.9387	93.9		
20	44 13C2-PFOA	414.9 > 36...	2.29e4	3.33e4	0.110	0.685	4.24	8.57	90.4964	79.5		
21	44 13C2-PFOA	414.9 > 36...	2.29e4	3.33e4	0.110	0.685	4.24	8.57	90.4964	79.5		
22	-1											
23	13 PFHpS	449 > 80.0		4.29e3	0.110							
24	14 PFNA	463.0 > 41...	2.11e4	2.23e4	0.110	0.000	4.68	11.8	89.9243		5.92	NO
25	15 PFOSA	497.9 > 77.9		2.51e3	0.110							
26	16 L-PFOS	498.9 > 79.9	4.60e2	4.29e3	0.110	0.000	4.77	1.34	12.2406		1.77	NO
27	70 Total PFOS	498.9 > 79.9	4.60e2	4.29e3	0.110			1.34	12.2406			
28	47 13C8-PFOS	507.0 > 79.9	4.29e3	5.07e3	0.110	0.846	4.77	10.6	90.6911	79.6		
29	45 13C5-PFNA	468.2 > 42...	2.23e4	3.17e4	0.110	0.705	4.68	8.81	83.6284	73.4		
30	46 13C8-PFOSA	506.1 > 77.7	2.51e3	3.72e4	0.110	0.0676	4.74	0.845	39.2923	34.5		
31	47 13C8-PFOS	507.0 > 79.9	4.29e3	5.07e3	0.110	0.846	4.77	10.6	90.6911	79.6		
32	47 13C8-PFOS	507.0 > 79.9	4.29e3	5.07e3	0.110	0.846	4.77	10.6	90.6911	79.6		
33	-1											
34	18 PFDA	513 > 468.8	4.01e2	2.20e4	0.110	0.000	5.06	0.228	0.9280		5.82	NO
35	19 8:2 FTS	527 > 506.9		2.98e3	0.110							
36	21 L-MeFOSAA	570 > 419		4.76e3	0.110							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	4.76e3	0.110			0.000				

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Name: 180825M1_45, Date: 25-Aug-2018, Time: 21:19:05, ID: 1802094-12 SA-SW204-20180727 0.10977, Description: SA-SW204-20180727

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	1.01e3	2.46e4	0.110	0.000	5.40	0.513	3.9170		15.1	NO
39	48 13C2-PFDA	515.1 > 46...	2.20e4	3.31e4	0.110	0.663	5.07	8.29	80.0465	70.3		
40	49 13C2-8:2 FTS	529.1 > 50...	2.98e3	3.33e4	0.110	0.0894	5.03	1.12	97.0930	85.3		
41	50 d3-N-MeFOSAA	573.3 > 419	4.76e3	3.72e4	0.110	0.128	5.21	1.60	64.3418	56.5		
42	50 d3-N-MeFOSAA	573.3 > 419	4.76e3	3.72e4	0.110	0.128	5.21	1.60	64.3418	56.5		
43	51 13C2-PFUdA	565 > 519.8	2.46e4	3.72e4	0.110	0.661	5.40	8.27	74.7390	65.6		
44	-1											
45	23 L-EtFOSAA	584.1 > 419		5.25e3	0.110							
46	72 Total N-EtFOSAA	584.1 > 419	0.00e0	5.25e3	0.110			0.000				
47	26 PFDS	598.8 > 79.9		4.29e3	0.110							
48	27 PFDoA	612.9 > 56...		2.41e4	0.110							
49	29 PFTrDA	662.9 > 61...		2.41e4	0.110							
50	52 d5-N-EtFOSAA	589.3 > 419	5.25e3	3.72e4	0.110	0.141	5.37	1.76	65.2242	57.3		
51	52 d5-N-EtFOSAA	589.3 > 419	5.25e3	3.72e4	0.110	0.141	5.37	1.76	65.2242	57.3		
52	51 13C2-PFUdA	565 > 519.8	2.46e4	3.72e4	0.110	0.661	5.40	8.27	74.7390	65.6		
53	53 13C2-PFDoA	615.0 > 56...	2.41e4	3.31e4	0.110	0.729	5.68	9.11	72.6042	63.8		
54	53 13C2-PFDoA	615.0 > 56...	2.41e4	3.31e4	0.110	0.729	5.68	9.11	72.6042	63.8		
55	-1											
56	30 PFTeDA	712.8 > 66...		1.74e4	0.110							
57	73 TCDA	498.3>106.9			0.110							
58	60 13C4-PFBA	217. > 172	1.61e4	1.61e4	0.110	1.00	1.26	12.5	113.8745	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.25e4	3.25e4	0.110	1.00	3.07	12.5	113.8745	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.26e3	4.26e3	0.110	1.00	3.86	12.5	113.8745	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	1.74e4	3.72e4	0.110	0.468	6.15	5.85	73.7617	64.8		
62	47 13C8-PFOS	507.0 > 79.9	4.29e3	5.07e3	0.110	0.846	4.77	10.6	90.6911	79.6		
63	63 13C8-PFOA	420.9 > 376	3.33e4	3.33e4	0.110	1.00	4.24	12.5	113.8745	100.0		
64	64 13C9-PFNA	472.2 > 42...	3.17e4	3.17e4	0.110	1.00	4.68	12.5	113.8745	100.0		
65	65 13C4-PFOS	503 > 79.9	5.07e3	5.07e3	0.110	1.00	4.77	12.5	113.8745	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.31e4	3.31e4	0.110	1.00	5.07	12.5	113.8745	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.72e4	3.72e4	0.110	1.00	5.40	12.5	113.8745	100.0		

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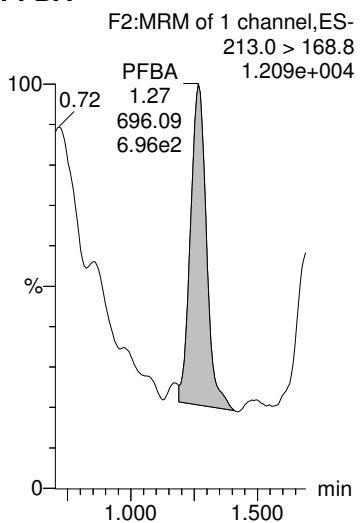
Printed: Thursday, August 30, 2018 14:55:41 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 27 Aug 2018 10:30:44

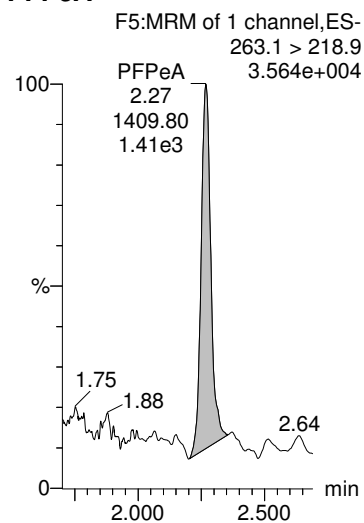
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Name: 180825M1_45, Date: 25-Aug-2018, Time: 21:19:05, ID: 1802094-12 SA-SW204-20180727 0.10977, Description: SA-SW204-20180727

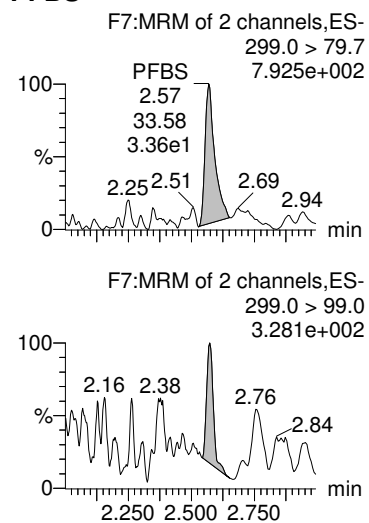
PFBA



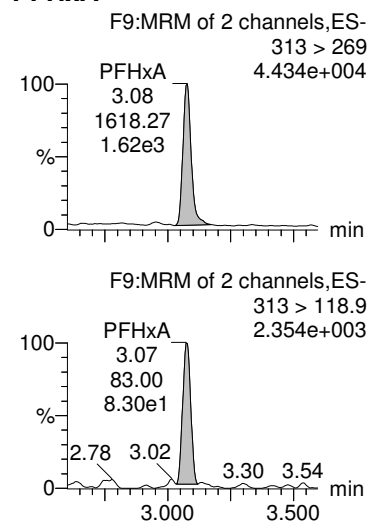
PFPeA



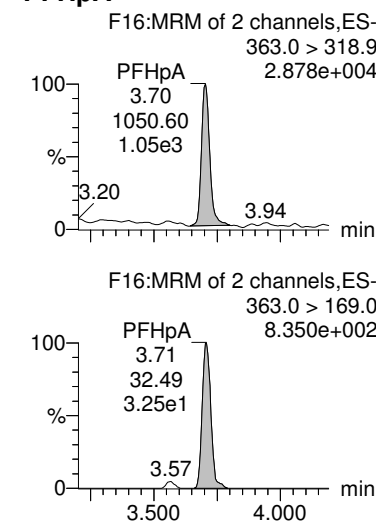
PFBS



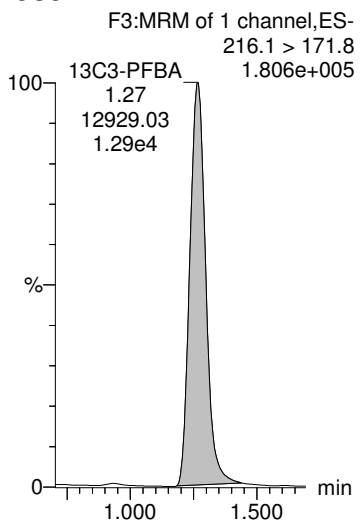
PFHxA



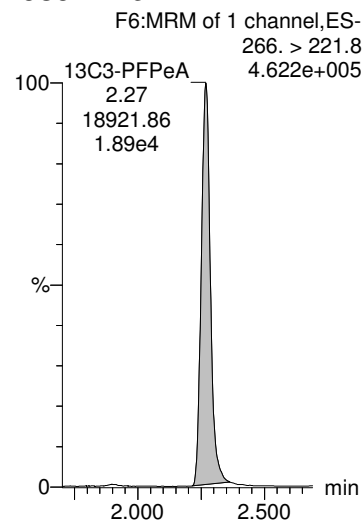
PFHpA



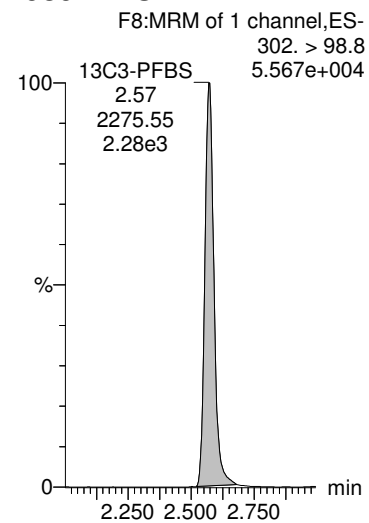
13C3-PFBA



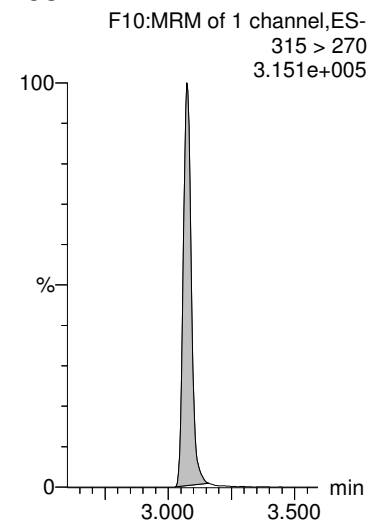
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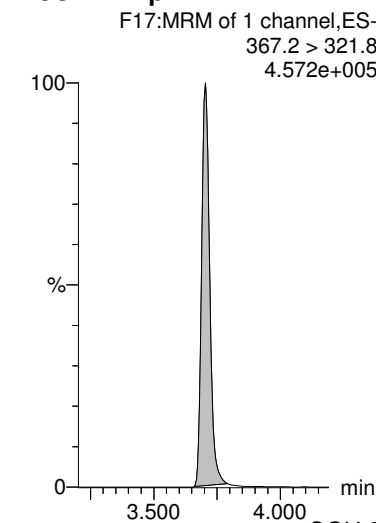
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-45.qld

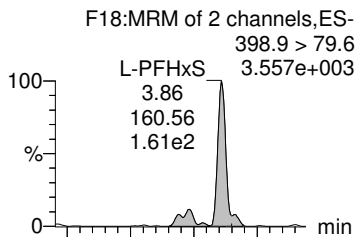
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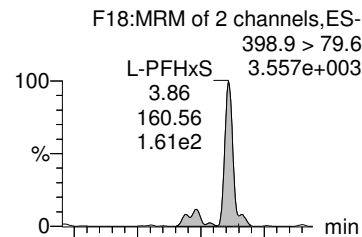
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Name: 180825M1_45, Date: 25-Aug-2018, Time: 21:19:05, ID: 1802094-12 SA-SW204-20180727 0.10977, Description: SA-SW204-20180727

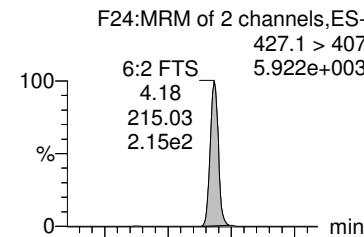
L-PFHxS



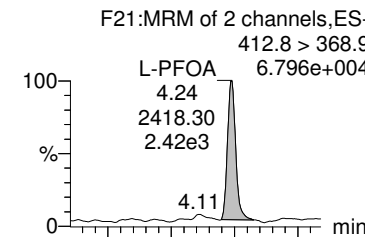
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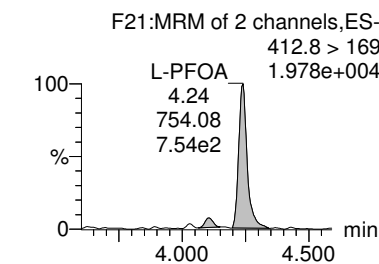
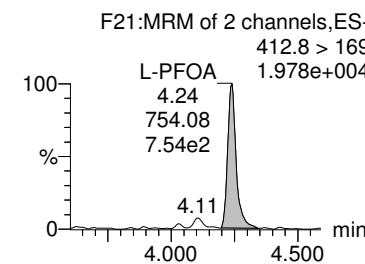
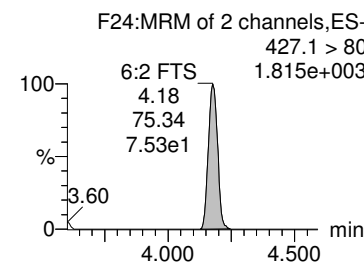
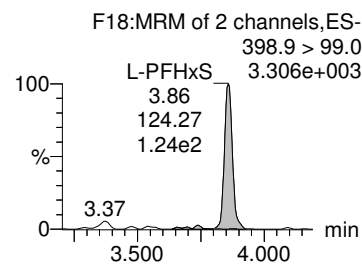
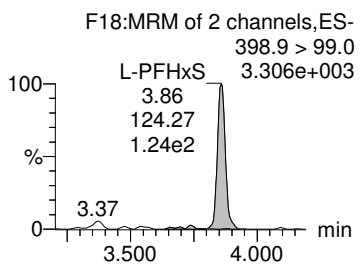
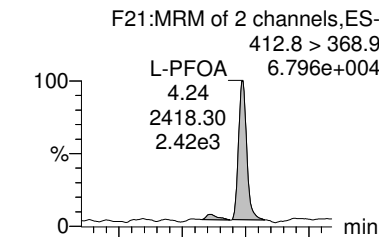
6:2 FTS



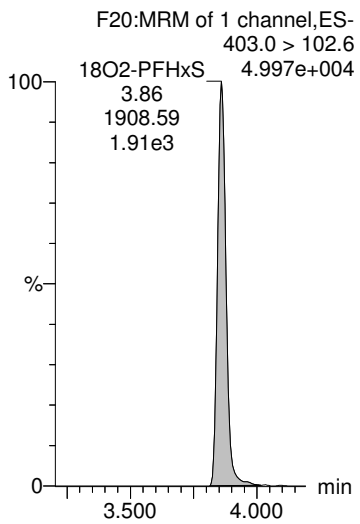
L-PFOA



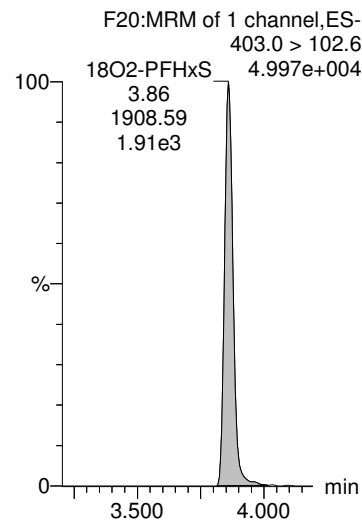
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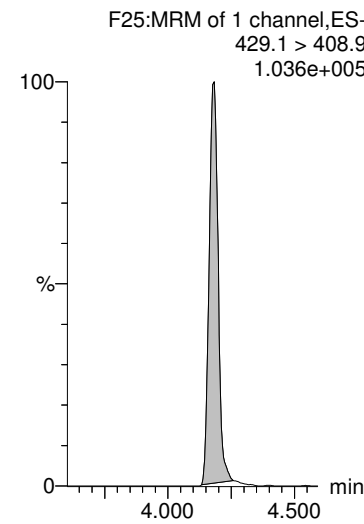
18O2-PFHxS



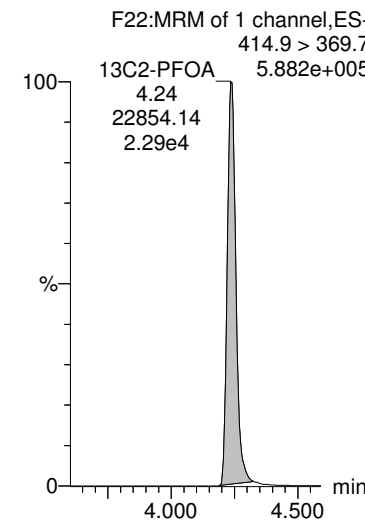
18O2-PFHxS



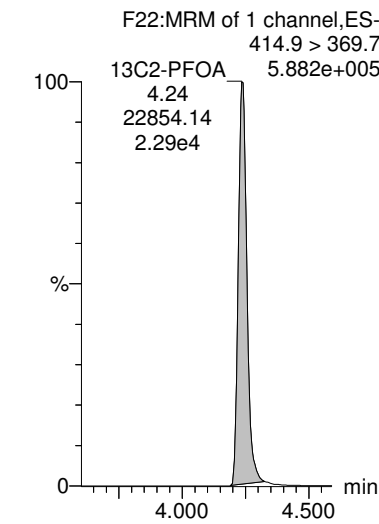
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-45.qld

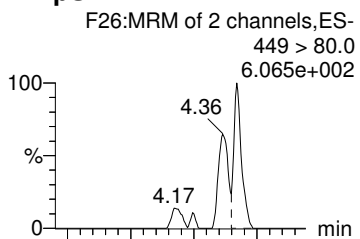
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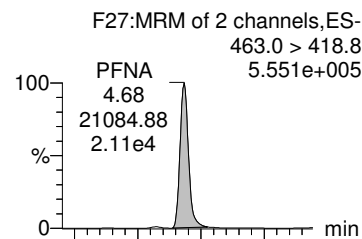
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Name: 180825M1_45, Date: 25-Aug-2018, Time: 21:19:05, ID: 1802094-12 SA-SW204-20180727 0.10977, Description: SA-SW204-20180727

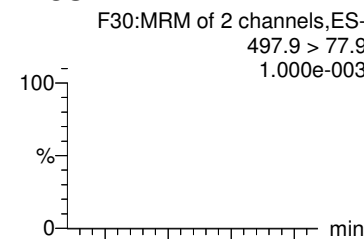
PFHpS



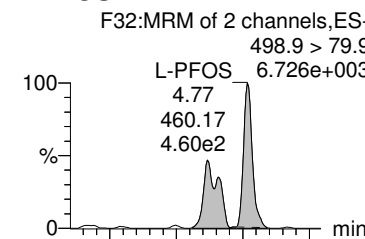
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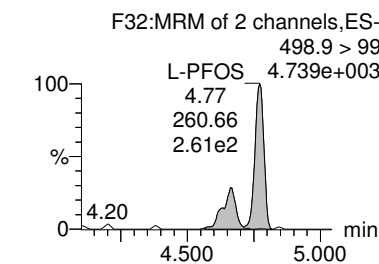
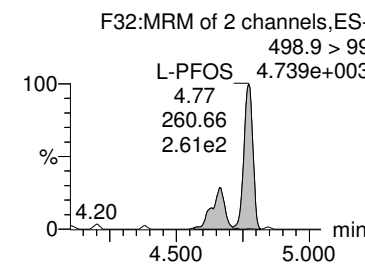
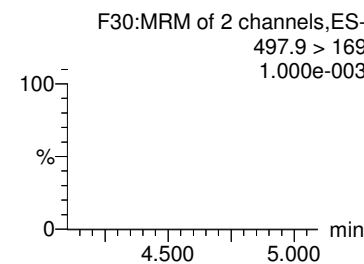
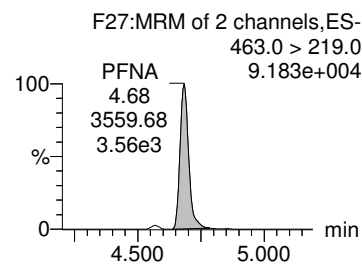
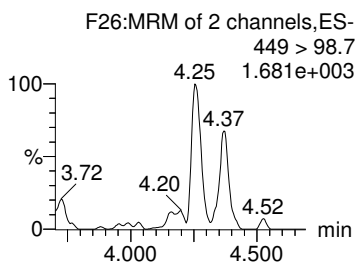
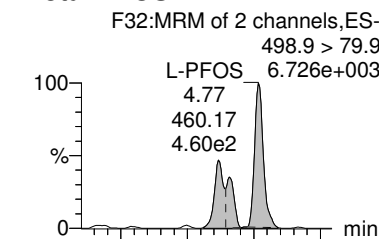
PFOSA



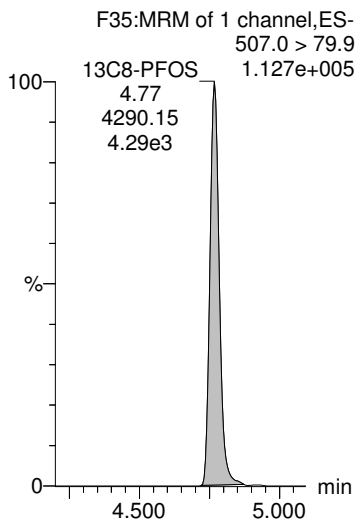
L-PFOS



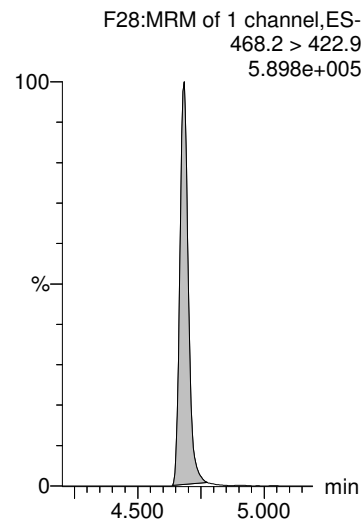
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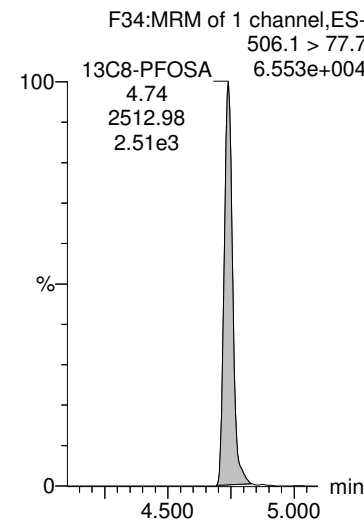
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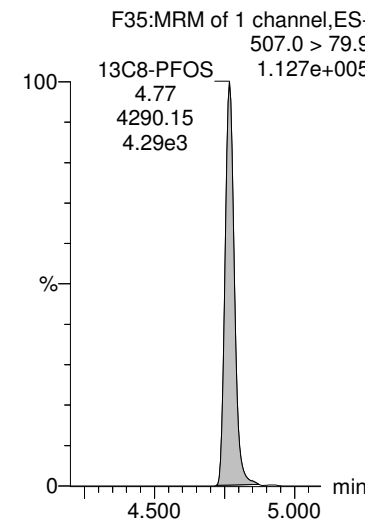
13C5-PFNA



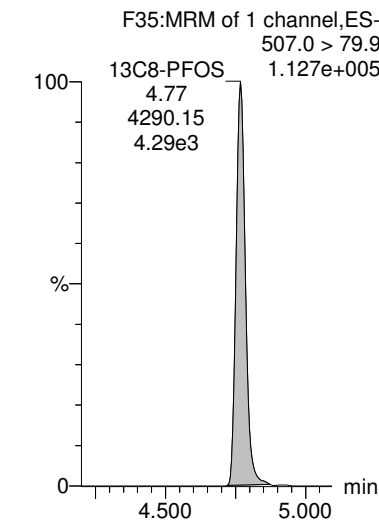
13C8-PFOSA



13C8-PFOS



13C8-PFOS



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-45.qld

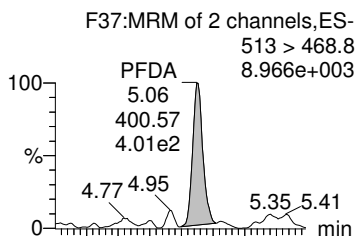
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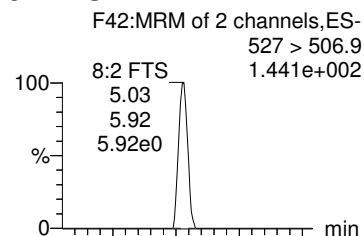
Printed: Thursday, August 30, 2018 14:55:41 Pacific Daylight Time

Name: 180825M1_45, Date: 25-Aug-2018, Time: 21:19:05, ID: 1802094-12 SA-SW204-20180727 0.10977, Description: SA-SW204-20180727

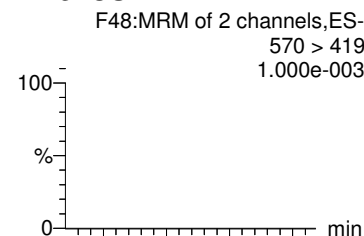
PFDA



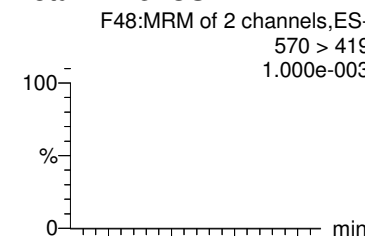
8:2 FTS



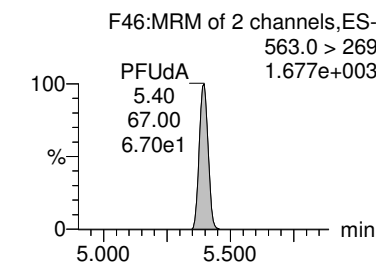
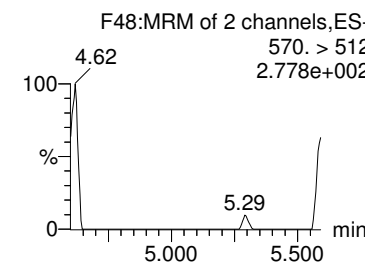
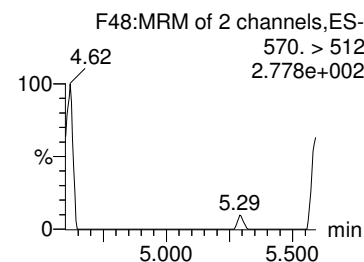
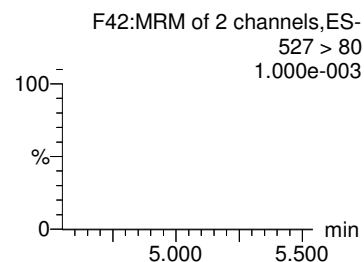
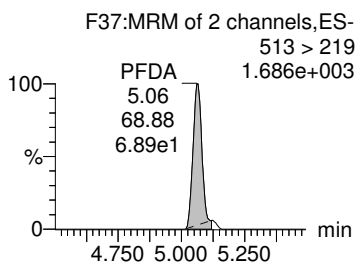
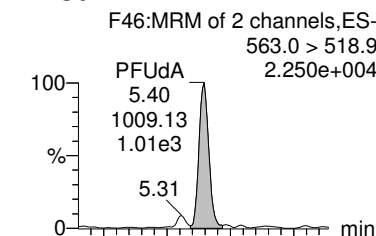
L-MeFOSAA



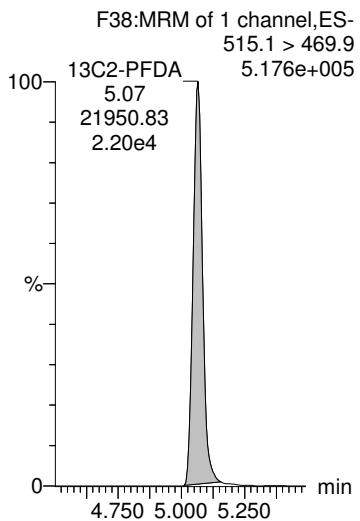
Total N-MeFOSAA



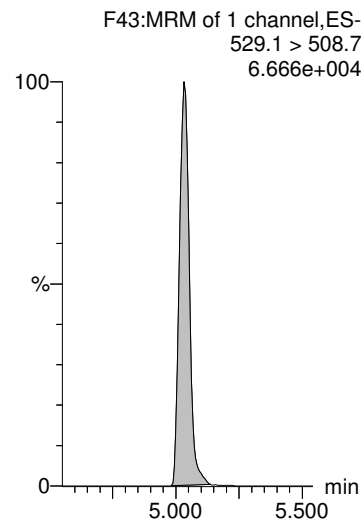
PFUdA



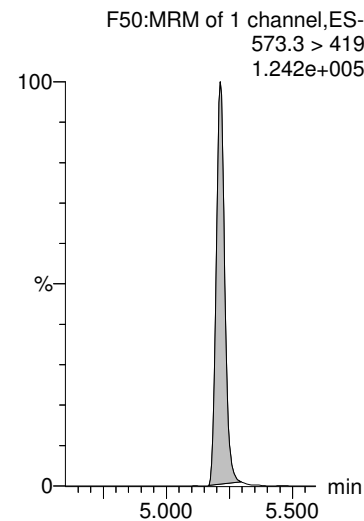
13C2-PFDA



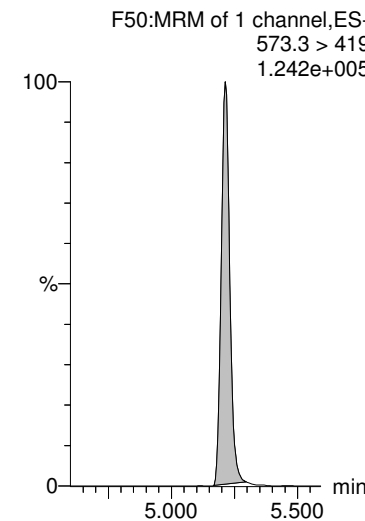
13C2-8:2 FTS



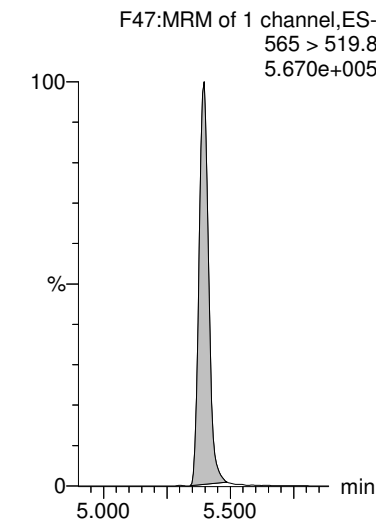
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



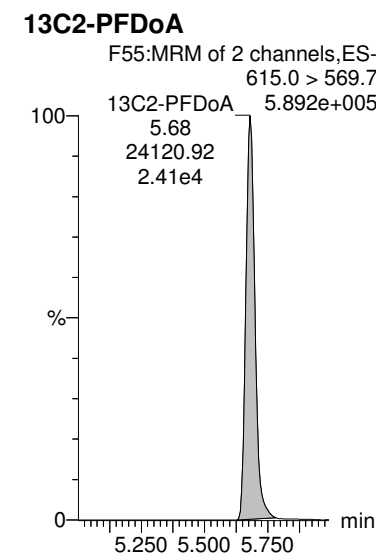
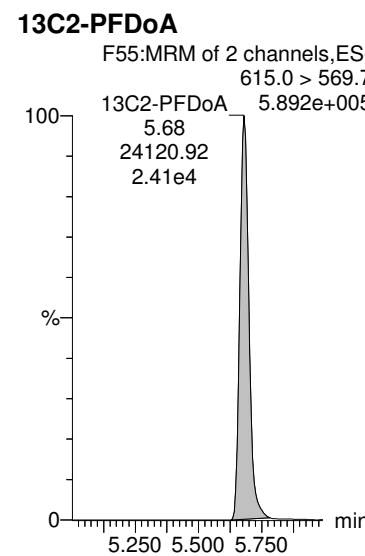
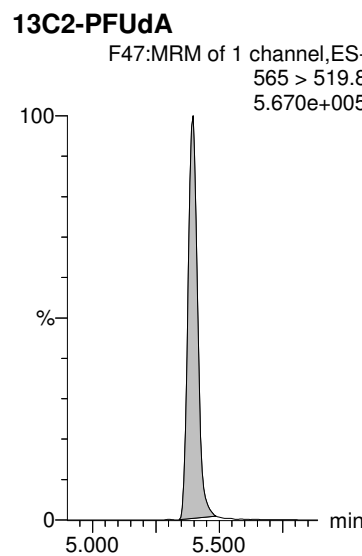
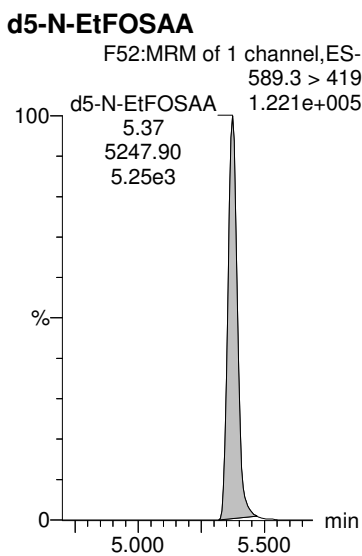
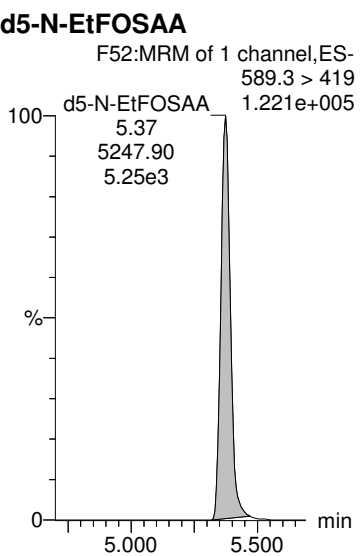
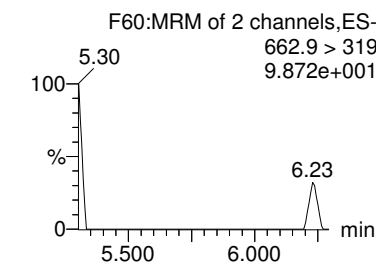
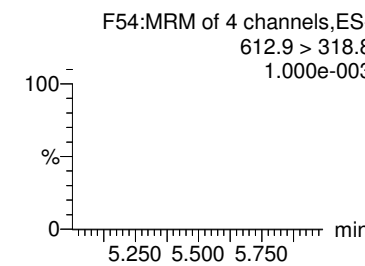
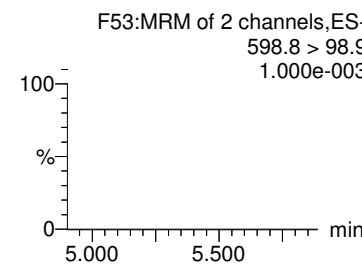
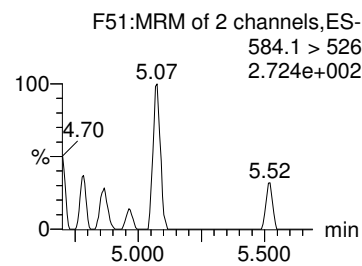
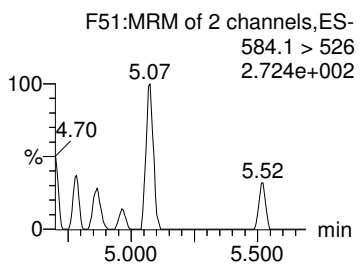
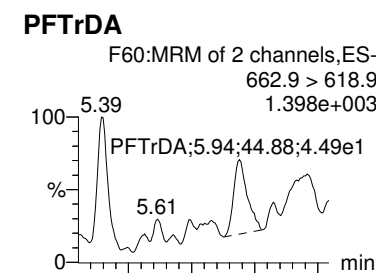
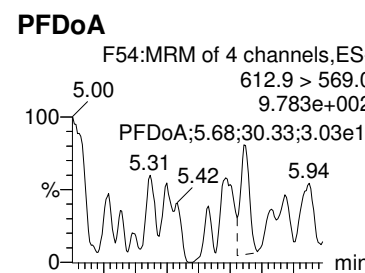
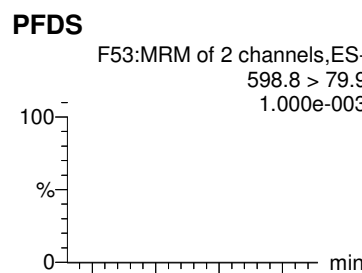
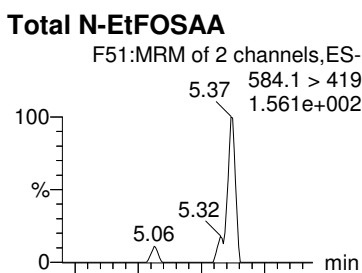
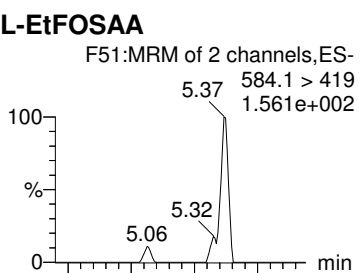
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Name: 180825M1_45, Date: 25-Aug-2018, Time: 21:19:05, ID: 1802094-12 SA-SW204-20180727 0.10977, Description: SA-SW204-20180727



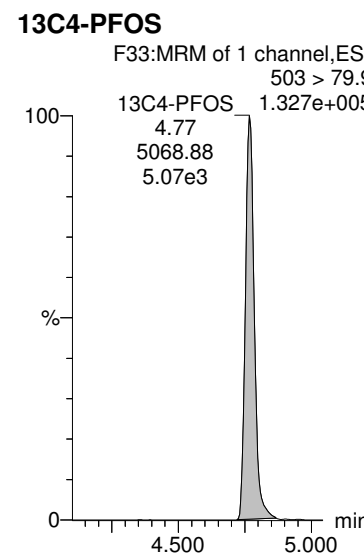
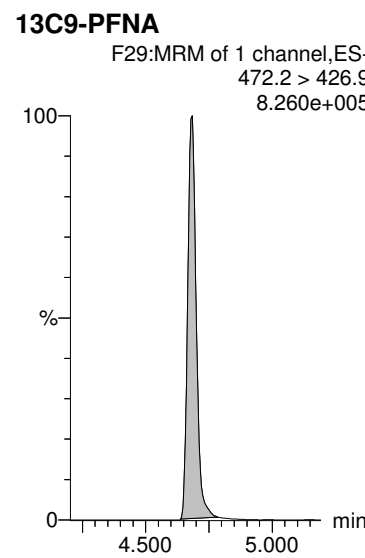
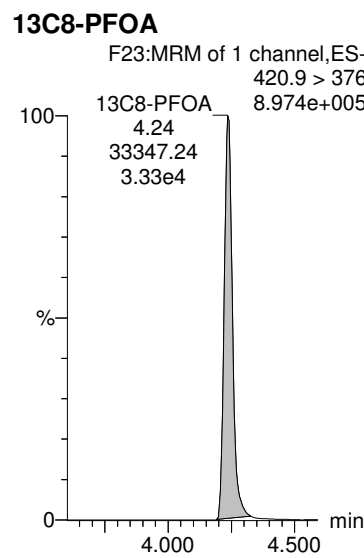
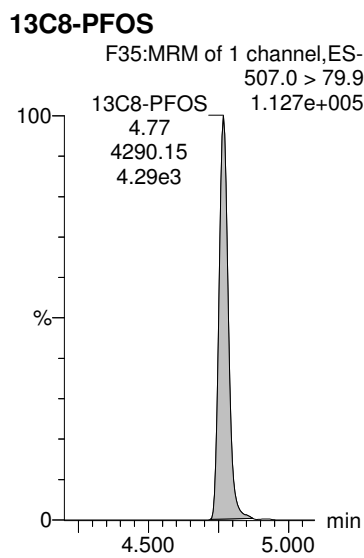
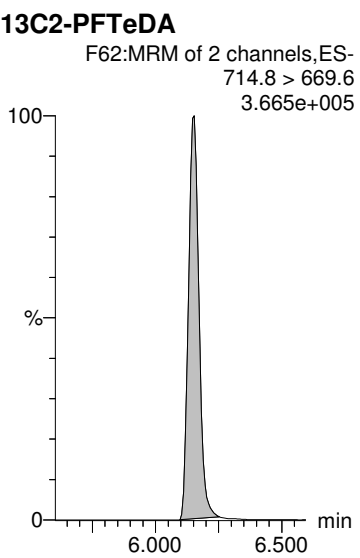
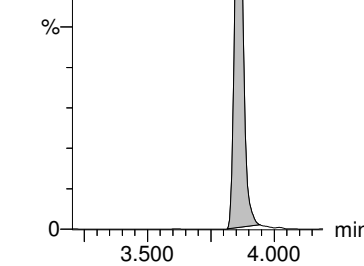
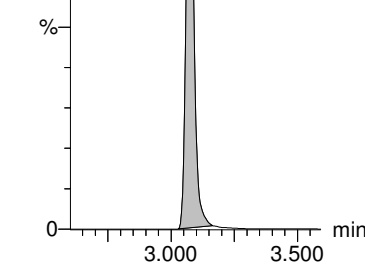
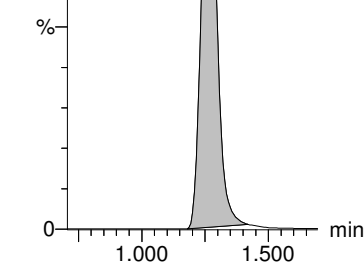
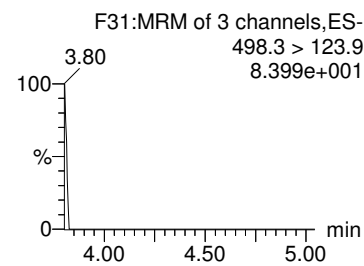
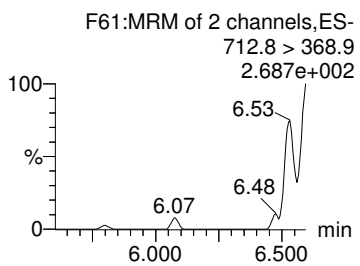
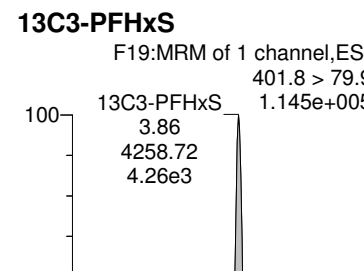
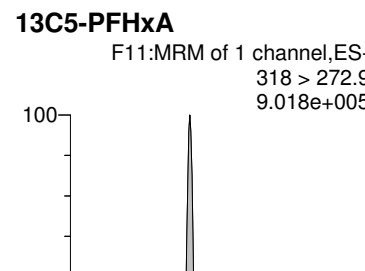
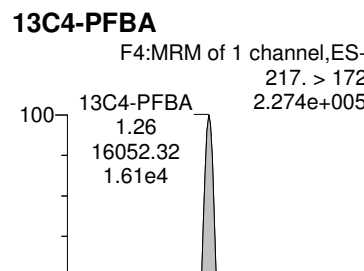
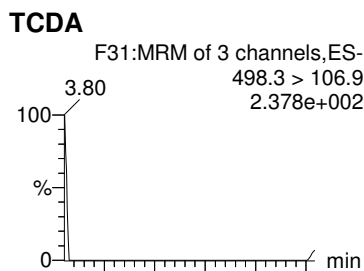
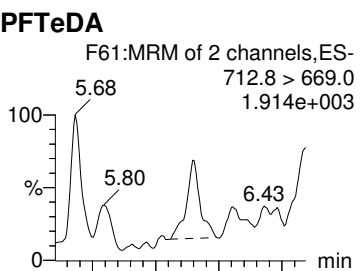
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Name: 180825M1_45, Date: 25-Aug-2018, Time: 21:19:05, ID: 1802094-12 SA-SW204-20180727 0.10977, Description: SA-SW204-20180727



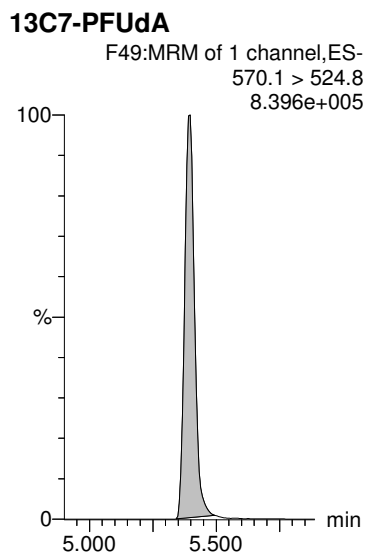
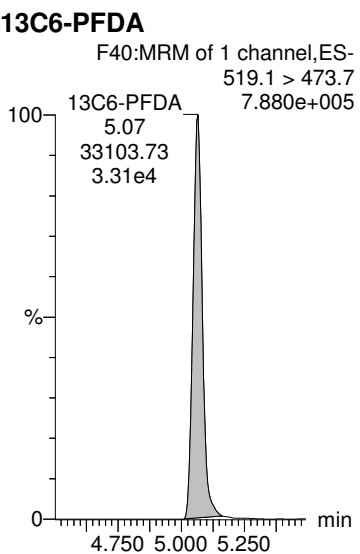
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Name: 180825M1_45, Date: 25-Aug-2018, Time: 21:19:05, ID: 1802094-12 SA-SW204-20180727 0.10977, Description: SA-SW204-20180727



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-46.qld

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Name: 180825M1_46, Date: 25-Aug-2018, Time: 21:29:38, ID: 1802094-13 SA-SW301-20180727 0.10413, Description: SA-SW301-20180727

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	2.99e2	1.29e4	0.104	0.000	1.27	0.290	2.2818			
2	2 PFPeA	263.1 > 21...		1.88e4	0.104							
3	3 PFBS	299.0 > 79.7		2.19e3	0.104							
4	5 PFHxA	313 > 269	3.61e2	1.16e4	0.104	0.000	3.08	0.155	0.9858		18.1	NO
5	7 PFHpA	363.0 > 31...	3.84e2	1.79e4	0.104	0.000	3.70	0.269	1.8559		30.8	YES
6	36 13C3-PFBA	216.1 > 17...	1.29e4	1.61e4	0.104	0.803	1.26	10.0	116.6639	97.2		
7	37 13C3-PFPeA	266. > 221.8	1.88e4	3.20e4	0.104	0.588	2.27	7.35	110.3460	91.9		
8	38 13C3-PFBS	302. > 98.8	2.19e3	3.20e4	0.104	0.0683	2.57	0.854	125.8464	104.8		
9	40 13C2-PFHxA	315 > 270	1.16e4	3.20e4	0.104	0.909	3.07	4.54	45.1001	93.9		
10	41 13C4-PFHpA	367.2 > 32...	1.79e4	3.20e4	0.104	0.558	3.70	6.98	114.4740	95.4		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	2.15e1	2.03e3	0.104	0.000	3.86	0.132	0.6598		2.98	YES
13	68 Total PFHxS	398.9 > 79.6	2.15e1	2.03e3	0.104			0.132	0.6598			
14	10 6:2 FTS	427.1 > 407	3.18e1	4.18e3	0.104	0.000	4.18	0.0951	0.5290		3.57	NO
15	11 L-PFOA	412.8 > 36...	1.54e3	2.58e4	0.104	0.000	4.24	0.747	4.7761		3.33	NO
16	69 Total PFOA	412.8 > 36...	1.54e3	2.58e4	0.104			0.747	4.7761			
17	42 18O2-PFHxS	403.0 > 10...	2.03e3	4.19e3	0.104	0.485	3.86	6.06	112.5025	93.7		
18	42 18O2-PFHxS	403.0 > 10...	2.03e3	4.19e3	0.104	0.485	3.86	6.06	112.5025	93.7		
19	43 13C2-6:2 FTS	429.1 > 40...	4.18e3	3.63e4	0.104	0.115	4.18	1.44	103.4994	86.2		
20	44 13C2-PFOA	414.9 > 36...	2.58e4	3.63e4	0.104	0.712	4.24	8.90	99.1262	82.6		
21	44 13C2-PFOA	414.9 > 36...	2.58e4	3.63e4	0.104	0.712	4.24	8.90	99.1262	82.6		
22	-1											
23	13 PFHpS	449 > 80.0		4.20e3	0.104							
24	14 PFNA	463.0 > 41...	1.33e4	2.43e4	0.104	0.000	4.68	6.83	54.6597		5.38	NO
25	15 PFOSA	497.9 > 77.9		3.78e3	0.104							
26	16 L-PFOS	498.9 > 79.9	1.37e2	4.20e3	0.104	0.000	4.77	0.408	3.6235		2.02	NO
27	70 Total PFOS	498.9 > 79.9	1.37e2	4.20e3	0.104			0.408	3.6235			
28	47 13C8-PFOS	507.0 > 79.9	4.20e3	4.46e3	0.104	0.940	4.77	11.8	106.1896	88.5		
29	45 13C5-PFNA	468.2 > 42...	2.43e4	3.24e4	0.104	0.750	4.68	9.37	93.7283	78.1		
30	46 13C8-PFOSA	506.1 > 77.7	3.78e3	3.78e4	0.104	0.100	4.74	1.25	61.3923	51.1		
31	47 13C8-PFOS	507.0 > 79.9	4.20e3	4.46e3	0.104	0.940	4.77	11.8	106.1896	88.5		
32	47 13C8-PFOS	507.0 > 79.9	4.20e3	4.46e3	0.104	0.940	4.77	11.8	106.1896	88.5		
33	-1											
34	18 PFDA	513 > 468.8	6.03e3	2.29e4	0.104	0.000	5.06	3.29	25.1316		7.18	NO
35	19 8:2 FTS	527 > 506.9		2.89e3	0.104							
36	21 L-MeFOSAA	570 > 419		5.76e3	0.104							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	5.76e3	0.104			0.000				

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Printed: Thursday, August 30, 2018 15:00:01 Pacific Daylight Time

Name: 180825M1_46, Date: 25-Aug-2018, Time: 21:29:38, ID: 1802094-13 SA-SW301-20180727 0.10413, Description: SA-SW301-20180727

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	1.14e4	2.56e4	0.104	0.000	5.40	5.56	55.8879		12.3	NO
39	48 13C2-PFDA	515.1 > 46...	2.29e4	3.31e4	0.104	0.691	5.06	8.64	87.9679	73.3		
40	49 13C2-8:2 FTS	529.1 > 50...	2.89e3	3.63e4	0.104	0.0798	5.03	0.997	91.3619	76.1		
41	50 d3-N-MeFOSAA	573.3 > 419	5.76e3	3.78e4	0.104	0.153	5.21	1.91	80.8364	67.3		
42	50 d3-N-MeFOSAA	573.3 > 419	5.76e3	3.78e4	0.104	0.153	5.21	1.91	80.8364	67.3		
43	51 13C2-PFUdA	565 > 519.8	2.56e4	3.78e4	0.104	0.677	5.39	8.46	80.5995	67.1		
44	-1											
45	23 L-EtFOSAA	584.1 > 419		5.70e3	0.104							
46	72 Total N-EtFOSAA	584.1 > 419	0.00e0	5.70e3	0.104			0.000				
47	26 PFDS	598.8 > 79.9		4.20e3	0.104							
48	27 PFDoA	612.9 > 56...		2.58e4	0.104							
49	29 PFTrDA	662.9 > 61...	2.32e2	2.58e4	0.104	0.000	5.93	0.113	0.5939		106	YES
50	52 d5-N-EtFOSAA	589.3 > 419	5.70e3	3.78e4	0.104	0.151	5.37	1.89	73.5996	61.3		
51	52 d5-N-EtFOSAA	589.3 > 419	5.70e3	3.78e4	0.104	0.151	5.37	1.89	73.5996	61.3		
52	51 13C2-PFUdA	565 > 519.8	2.56e4	3.78e4	0.104	0.677	5.39	8.46	80.5995	67.1		
53	53 13C2-PFDoA	615.0 > 56...	2.58e4	3.31e4	0.104	0.777	5.68	9.72	81.6664	68.0		
54	53 13C2-PFDoA	615.0 > 56...	2.58e4	3.31e4	0.104	0.777	5.68	9.72	81.6664	68.0		
55	-1											
56	30 PFTeDA	712.8 > 66...		1.77e4	0.104							
57	73 TCDA	498.3>106.9			0.104							
58	60 13C4-PFBA	217. > 172	1.61e4	1.61e4	0.104	1.00	1.26	12.5	120.0423	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.20e4	3.20e4	0.104	1.00	3.07	12.5	120.0423	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.19e3	4.19e3	0.104	1.00	3.86	12.5	120.0423	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	1.77e4	3.78e4	0.104	0.469	6.15	5.87	77.9148	64.9		
62	47 13C8-PFOS	507.0 > 79.9	4.20e3	4.46e3	0.104	0.940	4.77	11.8	106.1896	88.5		
63	63 13C8-PFOA	420.9 > 376	3.63e4	3.63e4	0.104	1.00	4.24	12.5	120.0423	100.0		
64	64 13C9-PFNA	472.2 > 42...	3.24e4	3.24e4	0.104	1.00	4.68	12.5	120.0423	100.0		
65	65 13C4-PFOS	503 > 79.9	4.46e3	4.46e3	0.104	1.00	4.77	12.5	120.0423	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.31e4	3.31e4	0.104	1.00	5.06	12.5	120.0423	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.78e4	3.78e4	0.104	1.00	5.39	12.5	120.0423	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-46.qld

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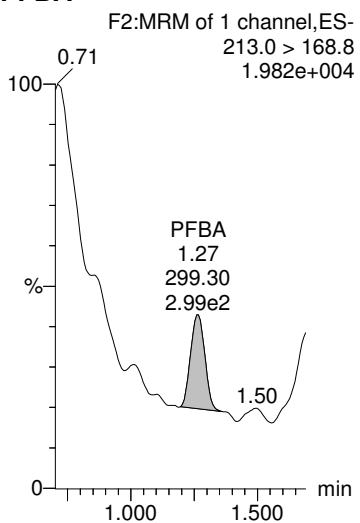
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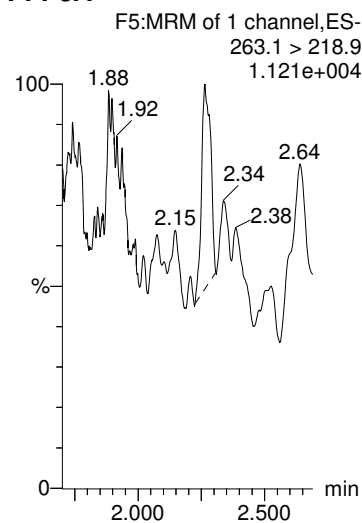
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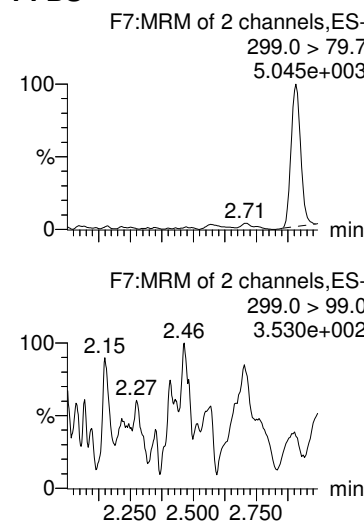
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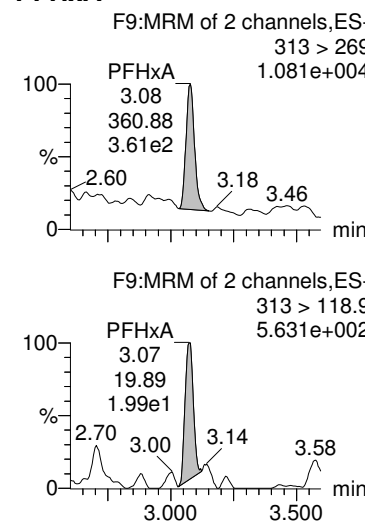
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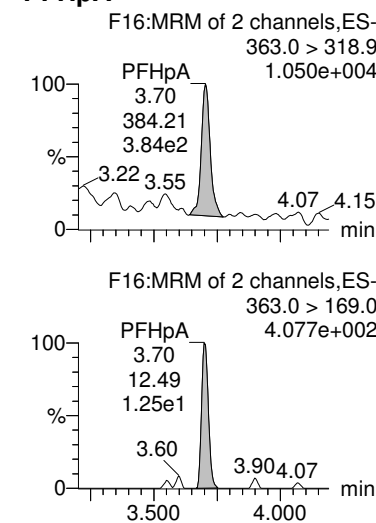
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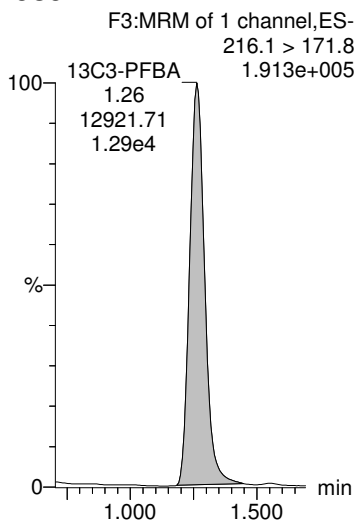
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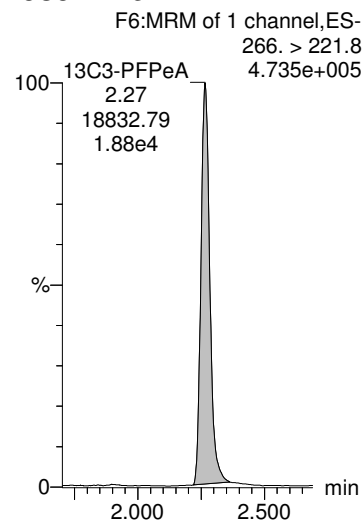
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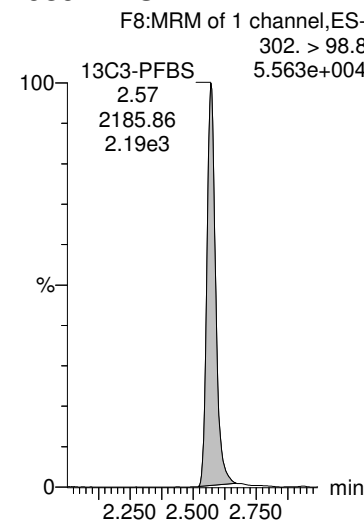
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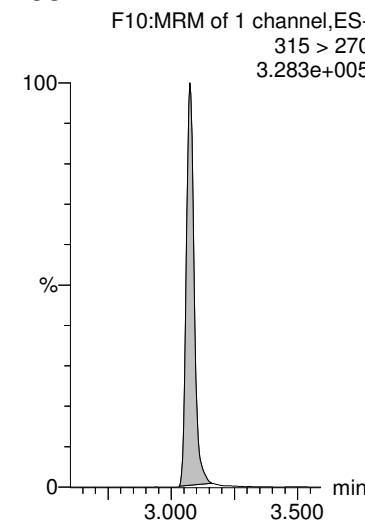
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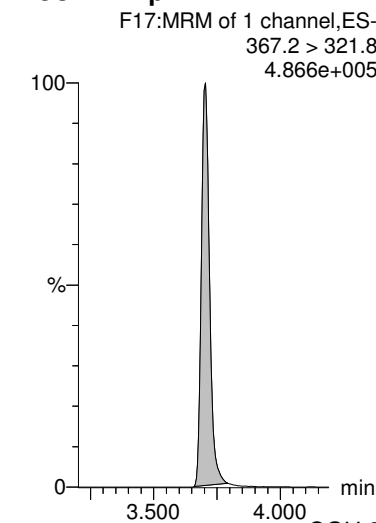
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



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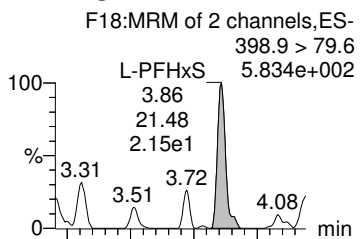
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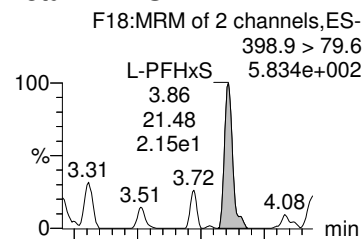
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Name: 180825M1_46, Date: 25-Aug-2018, Time: 21:29:38, ID: 1802094-13 SA-SW301-20180727 0.10413, Description: SA-SW301-20180727

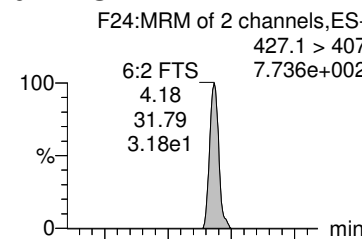
L-PFHxS



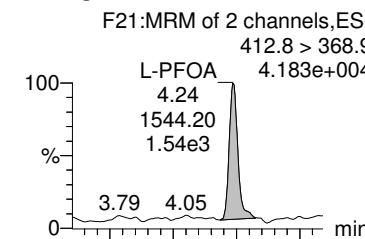
Total PFHxS



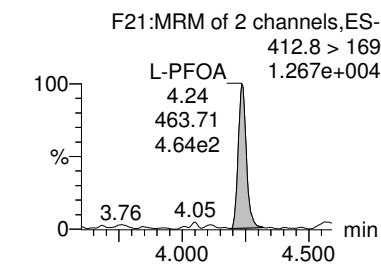
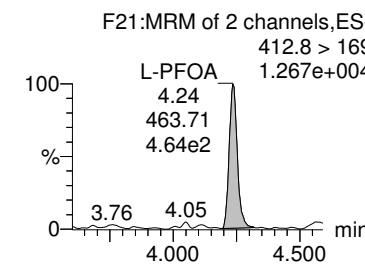
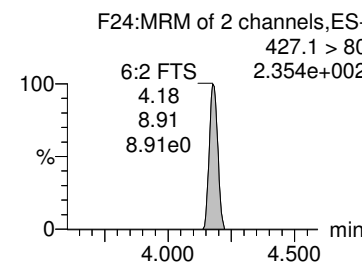
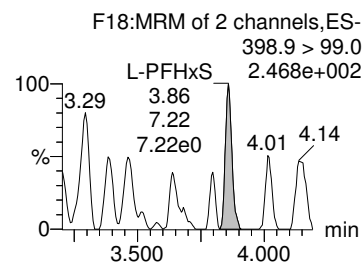
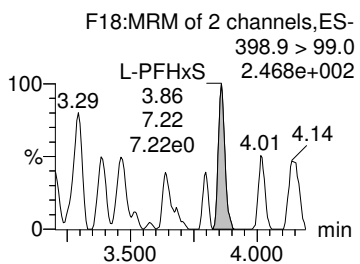
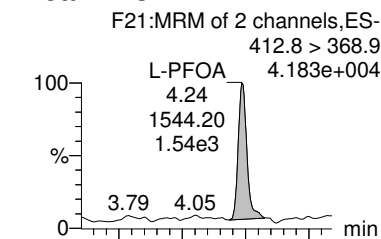
6:2 FTS



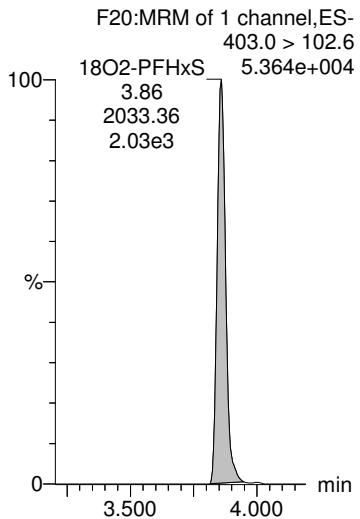
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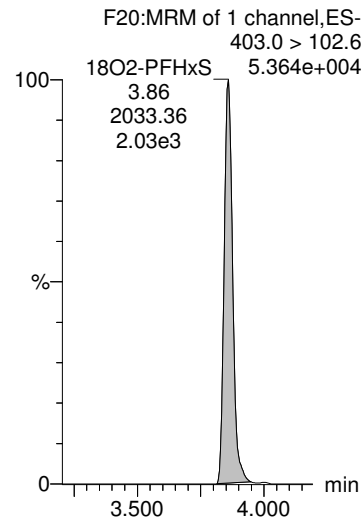
Total PFOA



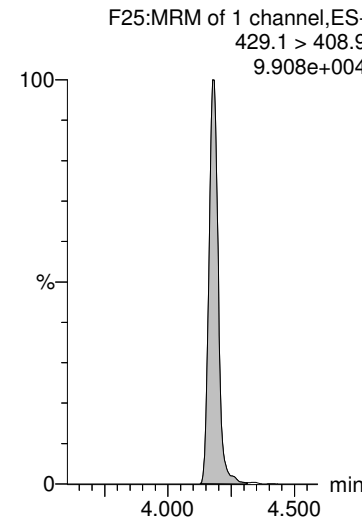
18O2-PFHxS



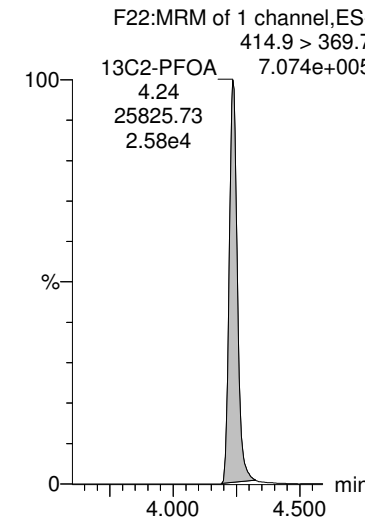
18O2-PFHxS



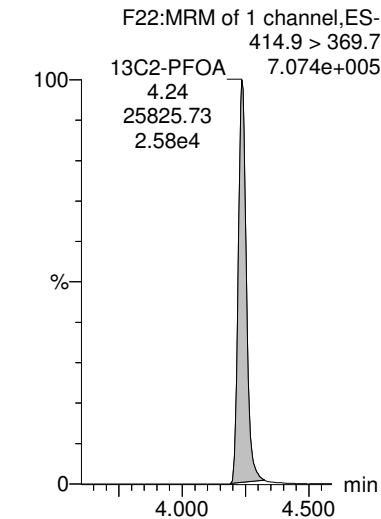
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



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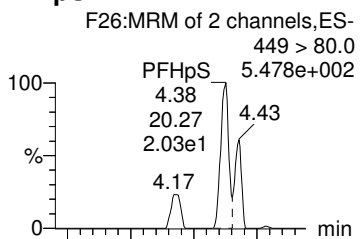
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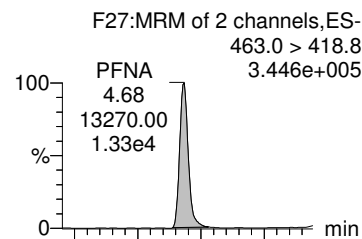
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Name: 180825M1_46, Date: 25-Aug-2018, Time: 21:29:38, ID: 1802094-13 SA-SW301-20180727 0.10413, Description: SA-SW301-20180727

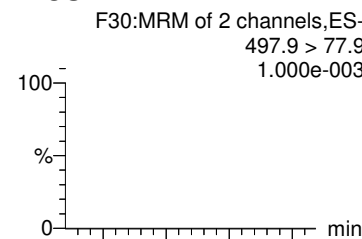
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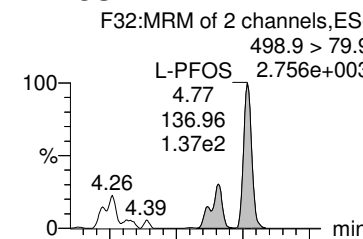
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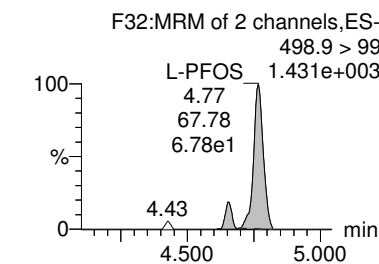
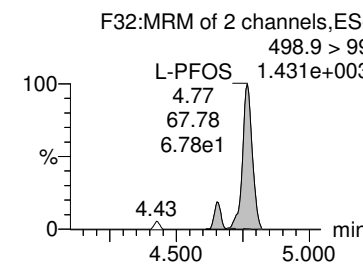
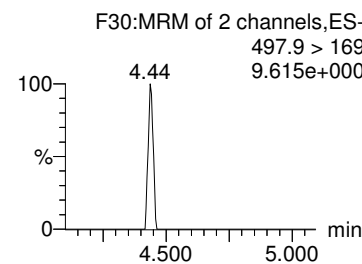
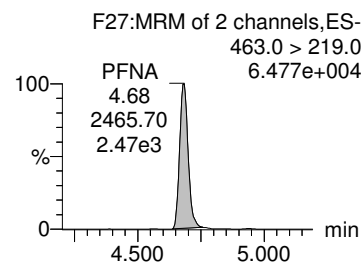
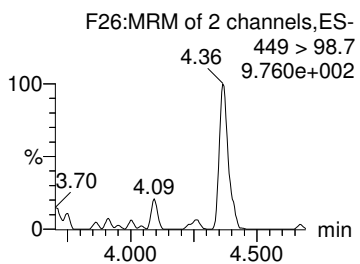
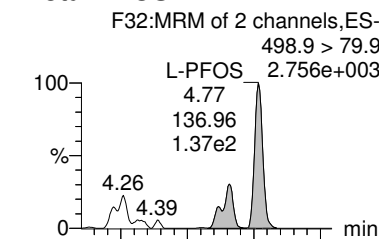
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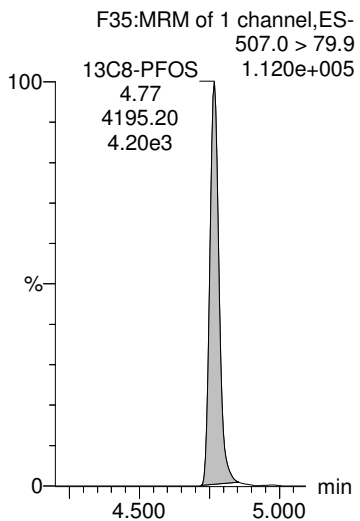
L-PFOS



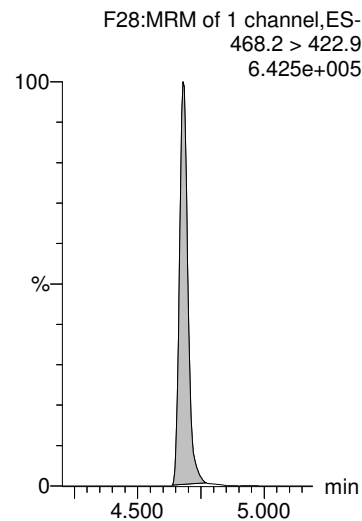
Total PFOS



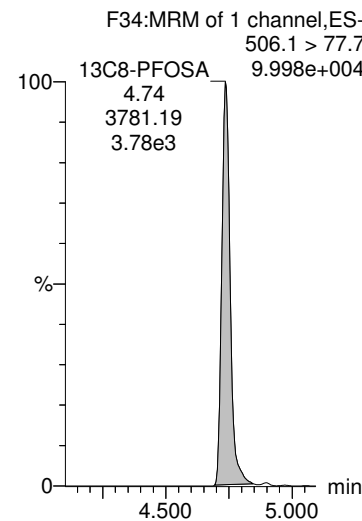
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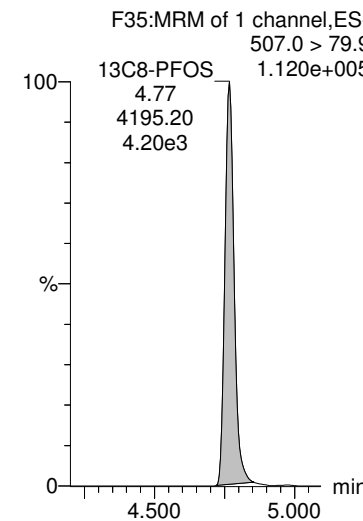
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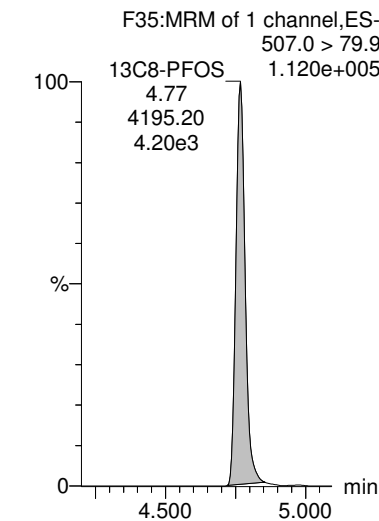
13C8-PFOSA



13C8-PFOS



13C8-PFOS



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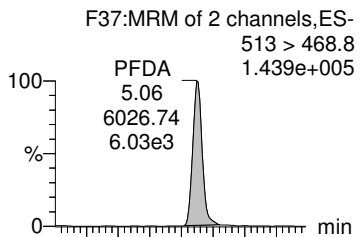
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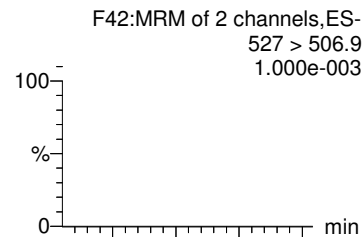
Printed: Thursday, August 30, 2018 15:00:01 Pacific Daylight Time

Name: 180825M1_46, Date: 25-Aug-2018, Time: 21:29:38, ID: 1802094-13 SA-SW301-20180727 0.10413, Description: SA-SW301-20180727

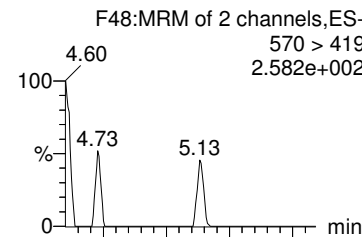
PFDA



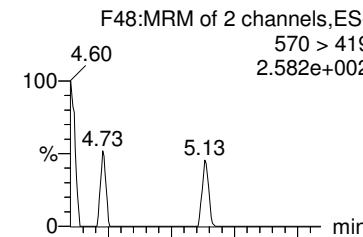
8:2 FTS



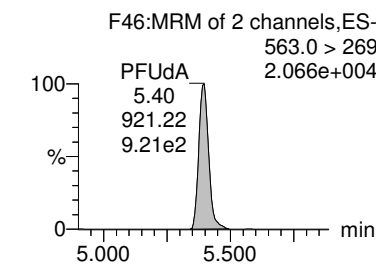
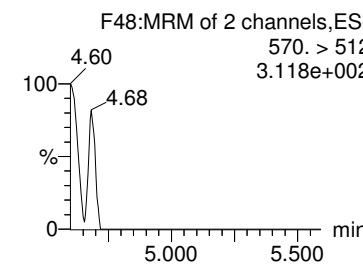
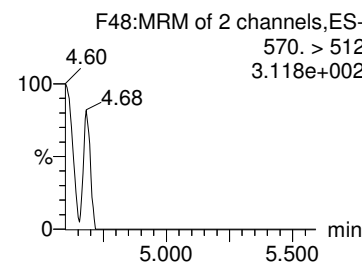
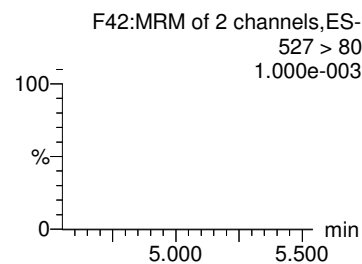
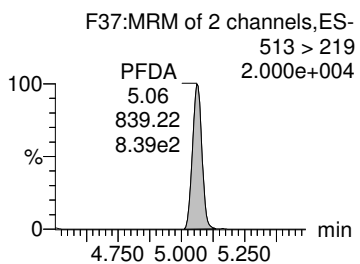
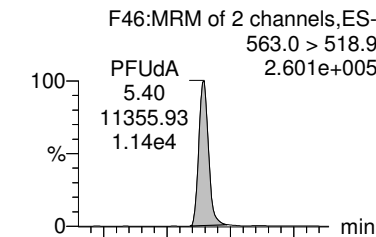
L-MeFOSAA



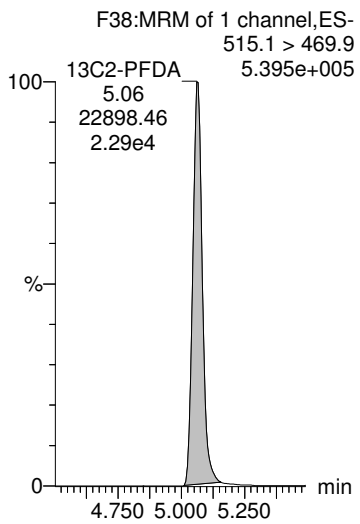
Total N-MeFOSAA



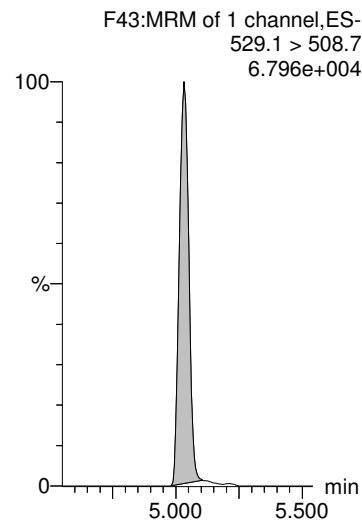
PFUdA



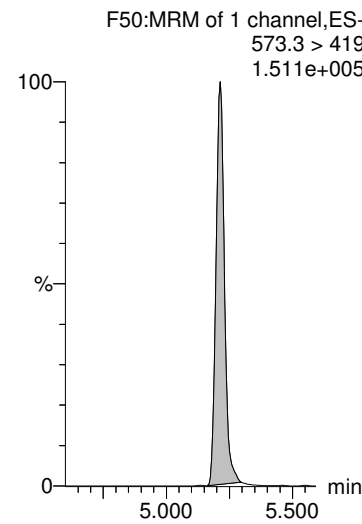
13C2-PFDA



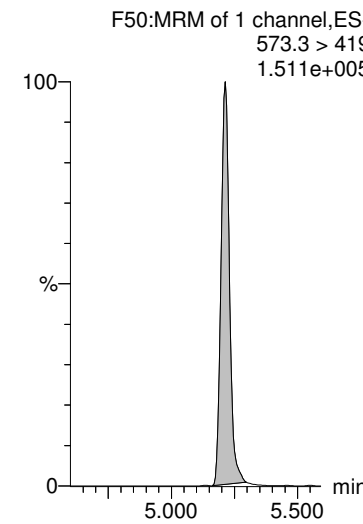
13C2-8:2 FTS



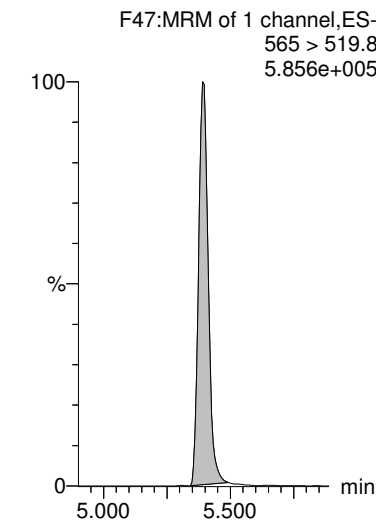
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



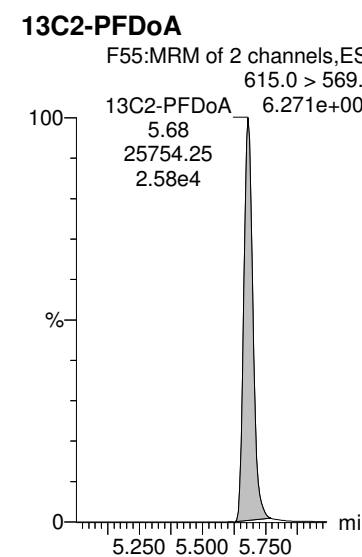
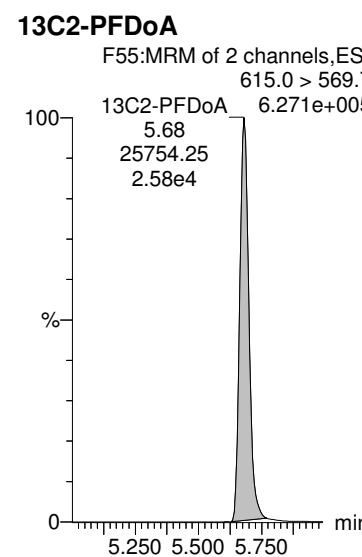
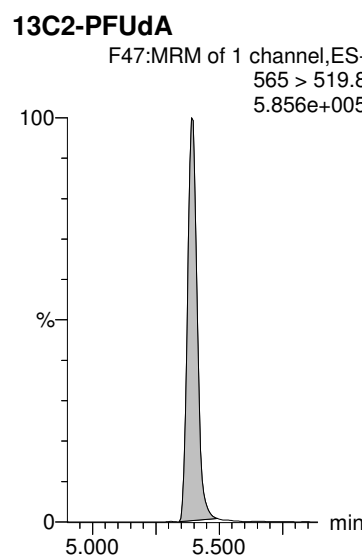
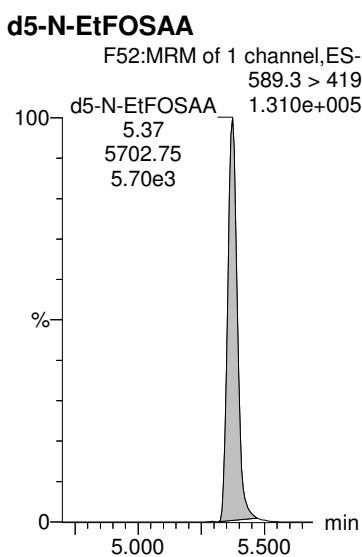
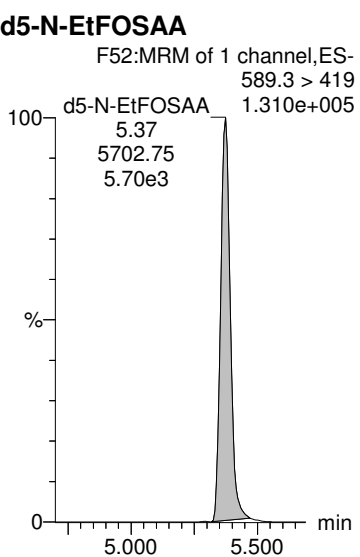
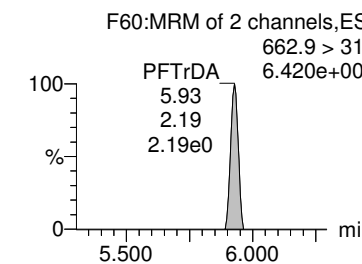
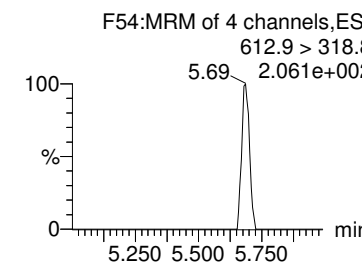
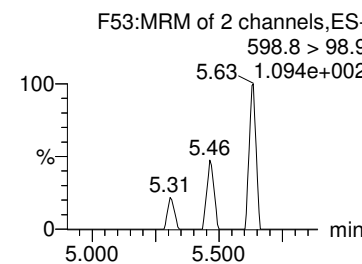
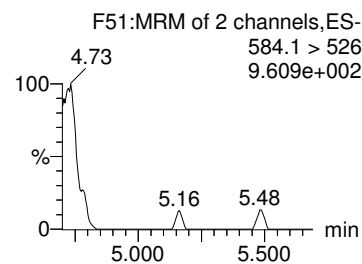
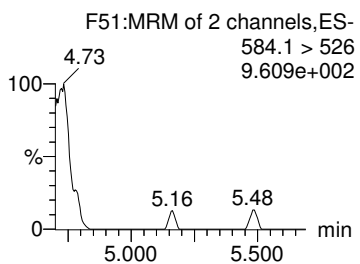
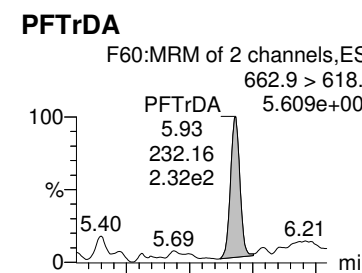
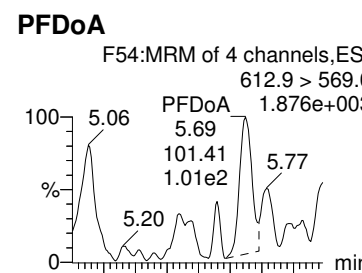
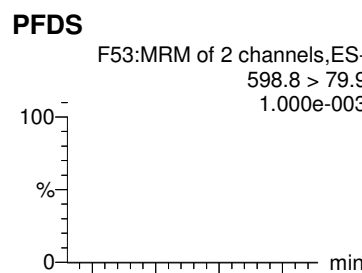
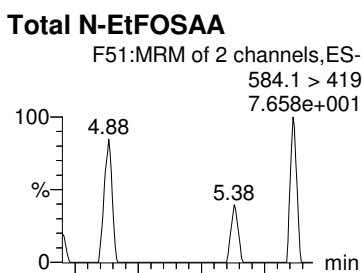
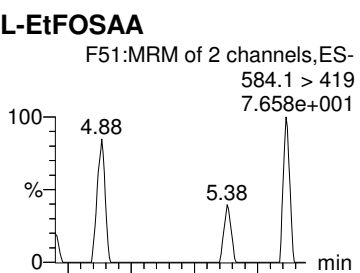
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Printed: Thursday, August 30, 2018 15:00:01 Pacific Daylight Time

Name: 180825M1_46, Date: 25-Aug-2018, Time: 21:29:38, ID: 1802094-13 SA-SW301-20180727 0.10413, Description: SA-SW301-20180727



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-46.qld

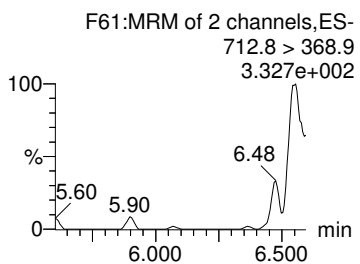
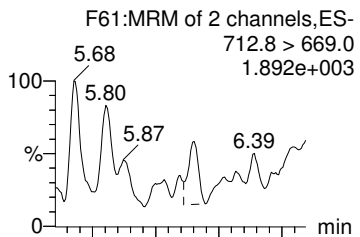
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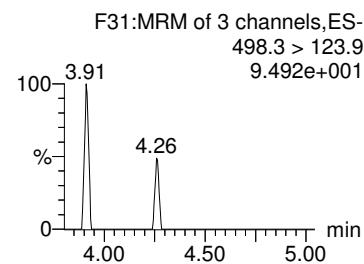
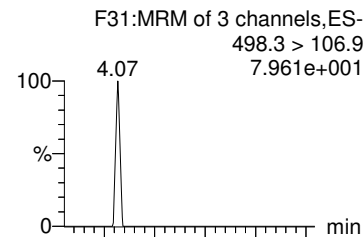
Printed: Thursday, August 30, 2018 15:00:01 Pacific Daylight Time

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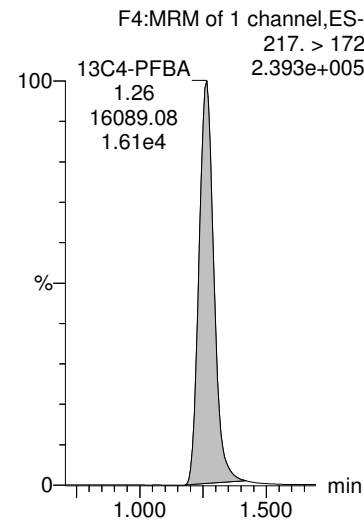
PFTeDA



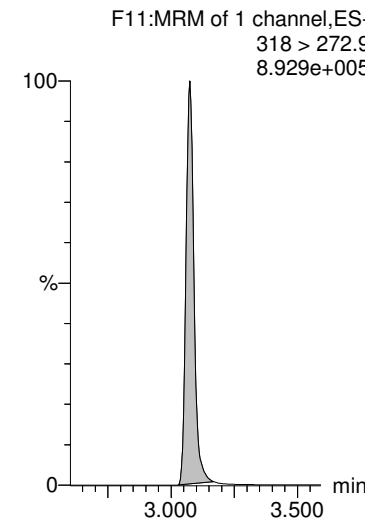
TCDA



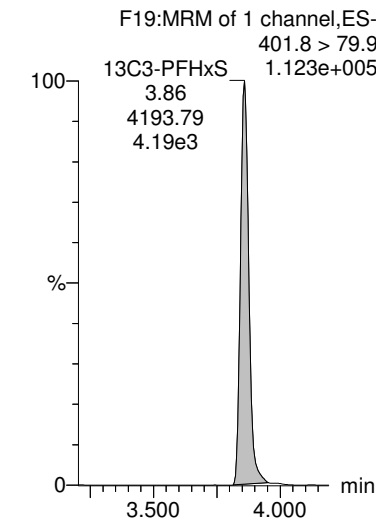
13C4-PFBA



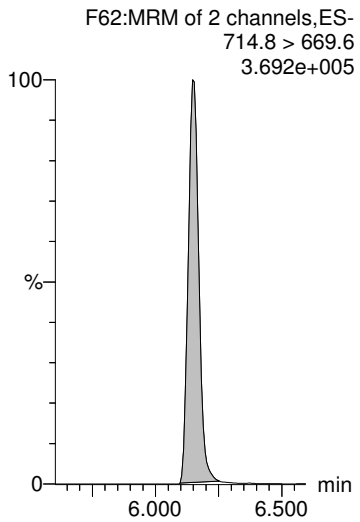
13C5-PFHxA



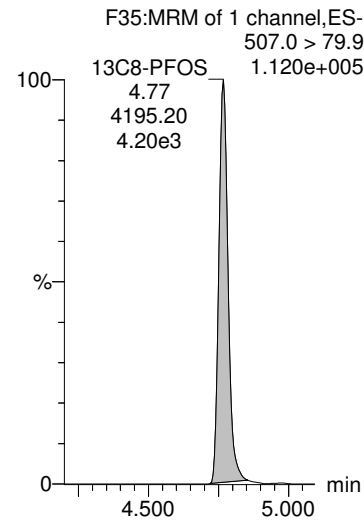
13C3-PFHxS



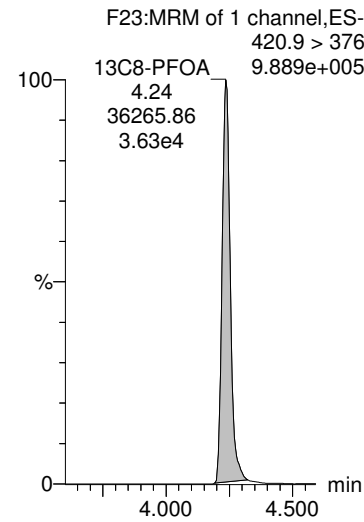
13C2-PFTeDA



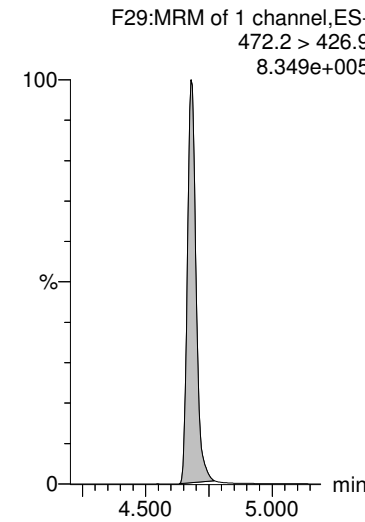
13C8-PFOS



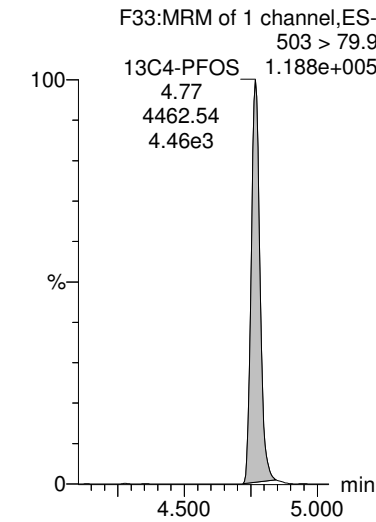
13C8-PFOA



13C9-PFNA



13C4-PFOS



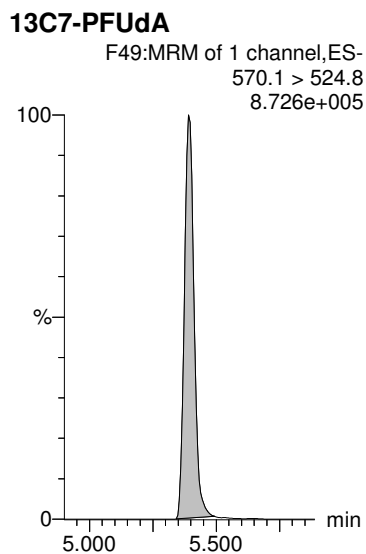
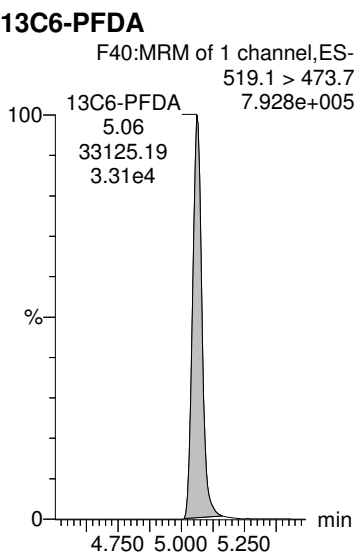
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Last Altered: Thursday, August 30, 2018 14:58:42 Pacific Daylight Time

Printed: Thursday, August 30, 2018 15:00:01 Pacific Daylight Time

Name: 180825M1_46, Date: 25-Aug-2018, Time: 21:29:38, ID: 1802094-13 SA-SW301-20180727 0.10413, Description: SA-SW301-20180727



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-47.qld

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Last Altered: Thursday, August 30, 2018 15:02:56 Pacific Daylight Time

Printed: Thursday, August 30, 2018 15:03:23 Pacific Daylight Time

Name: 180825M1_47, Date: 25-Aug-2018, Time: 21:40:09, ID: 1802094-14 EB01-072618 0.11489, Description: EB01-072618

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...		1.42e4	0.115							
2	2 PFPeA	263.1 > 21...		2.13e4	0.115							
3	3 PFBS	299.0 > 79.7		2.57e3	0.115							
4	5 PFHxA	313 > 269		1.31e4	0.115							
5	7 PFHpA	363.0 > 31...		2.06e4	0.115							
6	36 13C3-PFBA	216.1 > 17...	1.42e4	1.81e4	0.115	0.783	1.25	9.78	103.0257	94.7		
7	37 13C3-PFPeA	266. > 221.8	2.13e4	3.75e4	0.115	0.569	2.26	7.11	96.7053	88.9		
8	38 13C3-PFBS	302. > 98.8	2.57e3	3.75e4	0.115	0.0686	2.57	0.857	114.5743	105.3		
9	40 13C2-PFHxA	315 > 270	1.31e4	3.75e4	0.115	0.872	3.07	4.36	39.2135	90.1		
10	41 13C4-PFHpA	367.2 > 32...	2.06e4	3.75e4	0.115	0.550	3.70	6.88	102.2756	94.0		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	1.06e1	2.39e3	0.115	0.000	3.86	0.0555	0.2119		1.85	NO
13	68 Total PFHxS	398.9 > 79.6	1.06e1	2.39e3	0.115			0.0555	0.2119			
14	10 6:2 FTS	427.1 > 407	1.99e1	5.35e3	0.115	0.000	4.17	0.0465	0.0654		1.96	YES
15	11 L-PFOA	412.8 > 36...		2.90e4	0.115							
16	69 Total PFOA	412.8 > 36...	0.00e0	2.90e4	0.115			0.000				
17	42 18O2-PFHxS	403.0 > 10...	2.39e3	4.91e3	0.115	0.487	3.86	6.09	102.4188	94.1		
18	42 18O2-PFHxS	403.0 > 10...	2.39e3	4.91e3	0.115	0.487	3.86	6.09	102.4188	94.1		
19	43 13C2-6:2 FTS	429.1 > 40...	5.35e3	4.08e4	0.115	0.131	4.18	1.64	106.5952	98.0		
20	44 13C2-PFOA	414.9 > 36...	2.90e4	4.08e4	0.115	0.710	4.24	8.87	89.5366	82.3		
21	44 13C2-PFOA	414.9 > 36...	2.90e4	4.08e4	0.115	0.710	4.24	8.87	89.5366	82.3		
22	-1											
23	13 PFHpS	449 > 80.0		5.17e3	0.115							
24	14 PFNA	463.0 > 41...		2.76e4	0.115							
25	15 PFOSA	497.9 > 77.9		3.12e3	0.115							
26	16 L-PFOS	498.9 > 79.9		5.17e3	0.115							
27	70 Total PFOS	498.9 > 79.9	0.00e0	5.17e3	0.115			0.000				
28	47 13C8-PFOS	507.0 > 79.9	5.17e3	5.67e3	0.115	0.911	4.77	11.4	93.2678	85.7		
29	45 13C5-PFNA	468.2 > 42...	2.76e4	3.79e4	0.115	0.728	4.68	9.10	82.4806	75.8		
30	46 13C8-PFOSA	506.1 > 77.7	3.12e3	4.43e4	0.115	0.0703	4.74	0.879	39.0751	35.9		
31	47 13C8-PFOS	507.0 > 79.9	5.17e3	5.67e3	0.115	0.911	4.77	11.4	93.2678	85.7		
32	47 13C8-PFOS	507.0 > 79.9	5.17e3	5.67e3	0.115	0.911	4.77	11.4	93.2678	85.7		
33	-1											
34	18 PFDA	513 > 468.8		2.78e4	0.115							
35	19 8:2 FTS	527 > 506.9		3.90e3	0.115							
36	21 L-MeFOSAA	570 > 419		6.94e3	0.115							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	6.94e3	0.115			0.000				

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Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-47.qld

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Printed: Thursday, August 30, 2018 15:03:23 Pacific Daylight Time

Name: 180825M1_47, Date: 25-Aug-2018, Time: 21:40:09, ID: 1802094-14 EB01-072618 0.11489, Description: EB01-072618

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	1.19e2	3.10e4	0.115	0.000	5.40	0.0478			9.86	NO
39	48 13C2-PFDA	515.1 > 46...	2.78e4	3.76e4	0.115	0.740	5.06	9.25	85.3364	78.4		
40	49 13C2-8:2 FTS	529.1 > 50...	3.90e3	4.08e4	0.115	0.0956	5.03	1.19	99.1735	91.2		
41	50 d3-N-MeFOSAA	573.3 > 419	6.94e3	4.43e4	0.115	0.157	5.21	1.96	75.2251	69.1		
42	50 d3-N-MeFOSAA	573.3 > 419	6.94e3	4.43e4	0.115	0.157	5.21	1.96	75.2251	69.1		
43	51 13C2-PFUdA	565 > 519.8	3.10e4	4.43e4	0.115	0.699	5.39	8.74	75.4386	69.3		
44	-1											
45	23 L-EtFOSAA	584.1 > 419		7.43e3	0.115							
46	72 Total N-EtFOSAA	584.1 > 419	0.00e0	7.43e3	0.115			0.000				
47	26 PFDS	598.8 > 79.9		5.17e3	0.115							
48	27 PFDoA	612.9 > 56...		3.14e4	0.115							
49	29 PFTrDA	662.9 > 61...		3.14e4	0.115							
50	52 d5-N-EtFOSAA	589.3 > 419	7.43e3	4.43e4	0.115	0.168	5.37	2.10	74.0722	68.1		
51	52 d5-N-EtFOSAA	589.3 > 419	7.43e3	4.43e4	0.115	0.168	5.37	2.10	74.0722	68.1		
52	51 13C2-PFUdA	565 > 519.8	3.10e4	4.43e4	0.115	0.699	5.39	8.74	75.4386	69.3		
53	53 13C2-PFDoA	615.0 > 56...	3.14e4	3.76e4	0.115	0.835	5.68	10.4	79.4609	73.0		
54	53 13C2-PFDoA	615.0 > 56...	3.14e4	3.76e4	0.115	0.835	5.68	10.4	79.4609	73.0		
55	-1											
56	30 PFTeDA	712.8 > 66...		2.24e4	0.115							
57	73 TCDA	498.3>106.9			0.115							
58	60 13C4-PFBA	217. > 172	1.81e4	1.81e4	0.115	1.00	1.24	12.5	108.7997	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.75e4	3.75e4	0.115	1.00	3.07	12.5	108.7997	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.91e3	4.91e3	0.115	1.00	3.86	12.5	108.7997	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	2.24e4	4.43e4	0.115	0.506	6.15	6.32	76.0797	69.9		
62	47 13C8-PFOS	507.0 > 79.9	5.17e3	5.67e3	0.115	0.911	4.77	11.4	93.2678	85.7		
63	63 13C8-PFOA	420.9 > 376	4.08e4	4.08e4	0.115	1.00	4.24	12.5	108.7997	100.0		
64	64 13C9-PFNA	472.2 > 42...	3.79e4	3.79e4	0.115	1.00	4.68	12.5	108.7997	100.0		
65	65 13C4-PFOS	503 > 79.9	5.67e3	5.67e3	0.115	1.00	4.77	12.5	108.7997	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.76e4	3.76e4	0.115	1.00	5.06	12.5	108.7997	100.0		
68	67 13C7-PFUdA	570.1 > 52...	4.43e4	4.43e4	0.115	1.00	5.39	12.5	108.7997	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-47.qld

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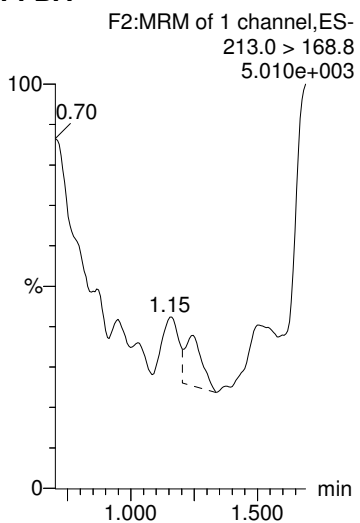
Printed: Thursday, August 30, 2018 15:03:23 Pacific Daylight Time

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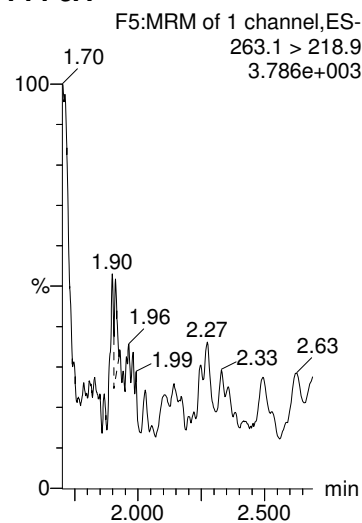
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Name: 180825M1_47, Date: 25-Aug-2018, Time: 21:40:09, ID: 1802094-14 EB01-072618 0.11489, Description: EB01-072618

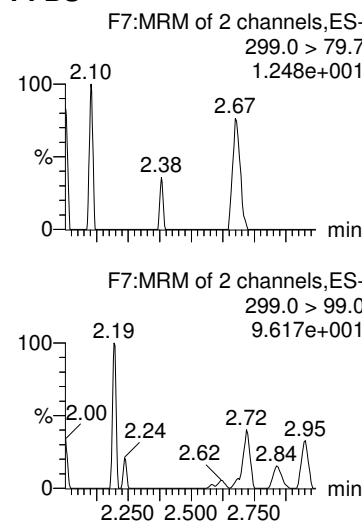
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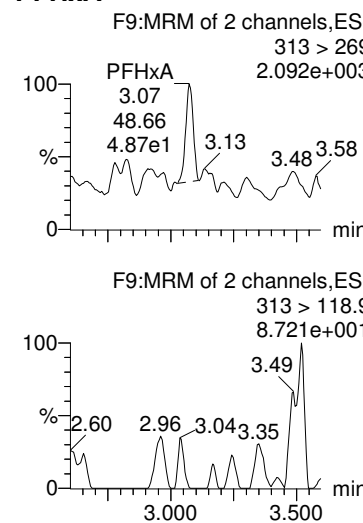
PFPeA



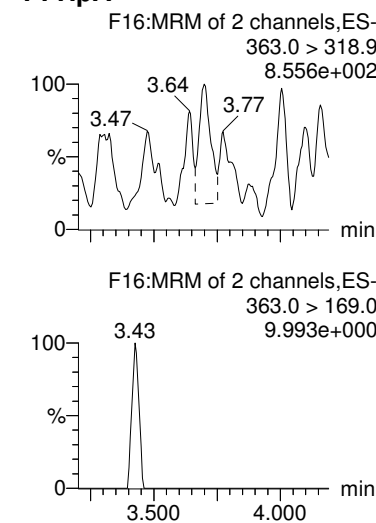
PFBS



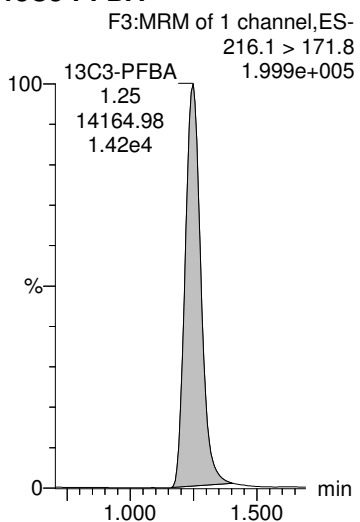
PFHxA



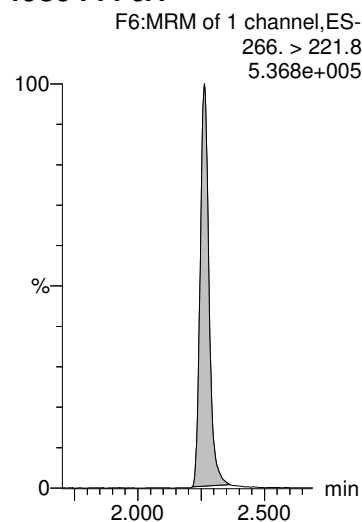
PFHpA



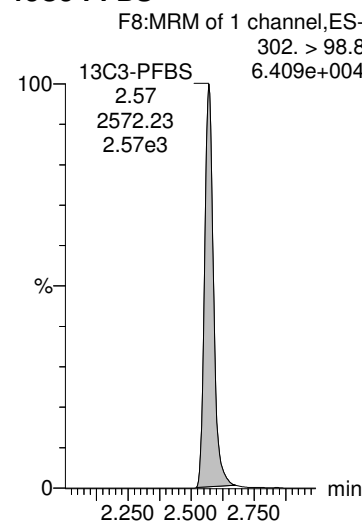
13C3-PFBA



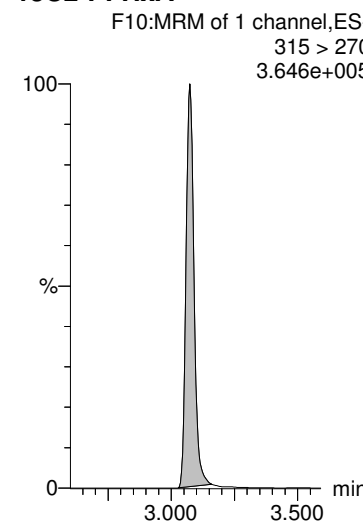
13C3-PFPeA



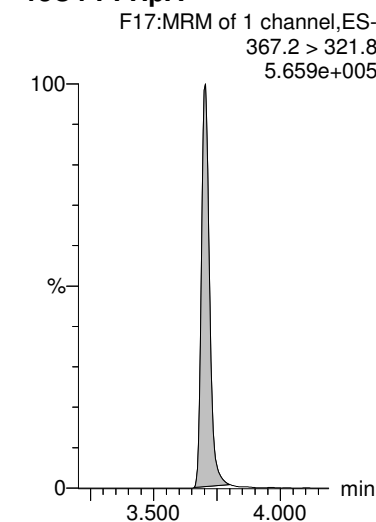
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



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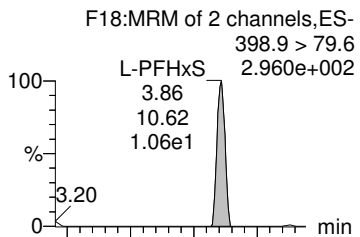
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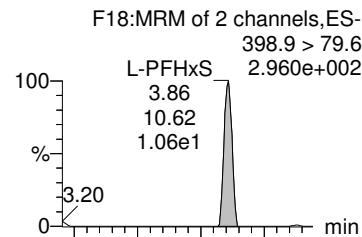
Printed: Thursday, August 30, 2018 15:03:23 Pacific Daylight Time

Name: 180825M1_47, Date: 25-Aug-2018, Time: 21:40:09, ID: 1802094-14 EB01-072618 0.11489, Description: EB01-072618

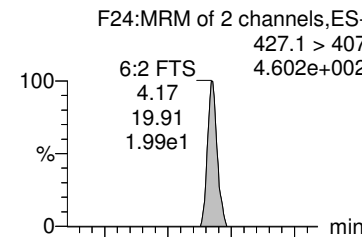
L-PFHxS



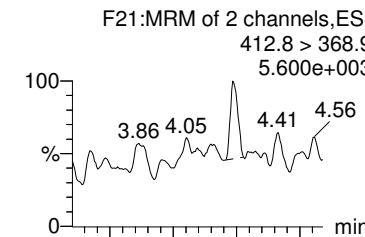
Total PFHxS



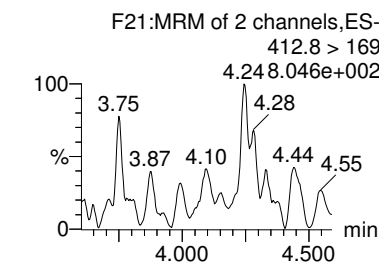
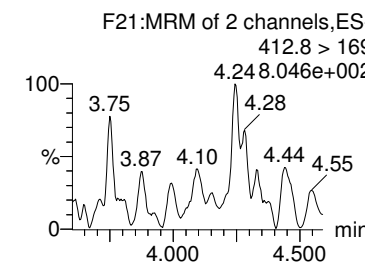
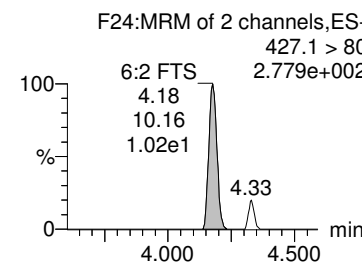
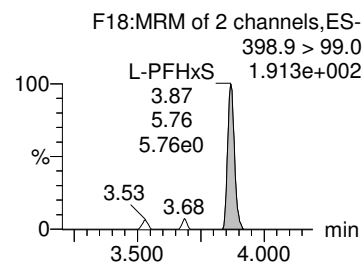
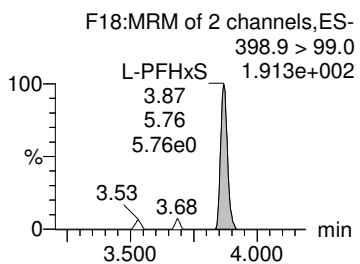
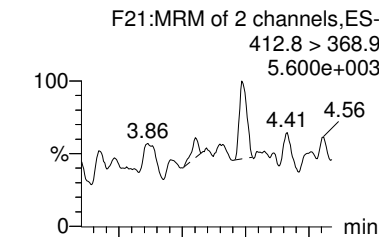
6:2 FTS



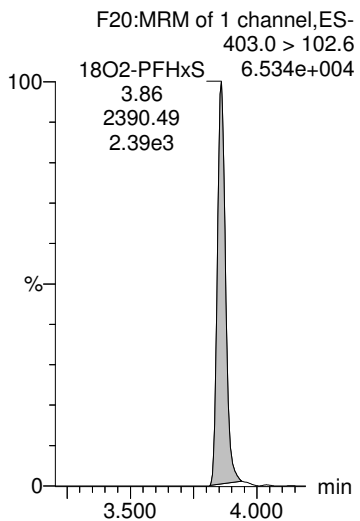
L-PFOA



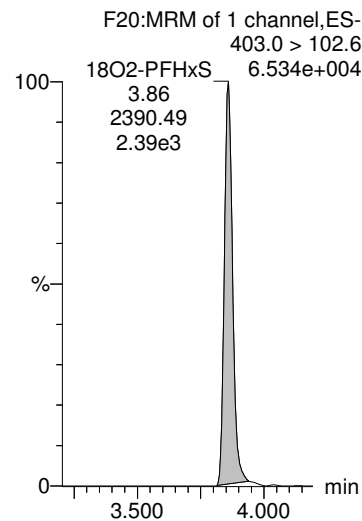
Total PFOA



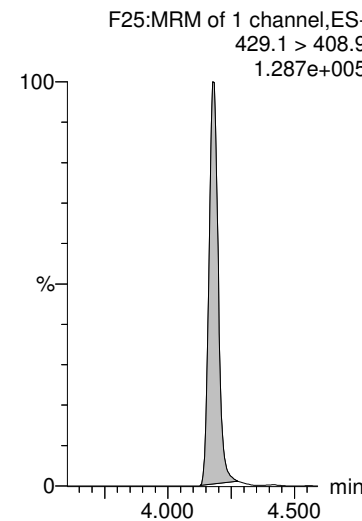
18O2-PFHxS



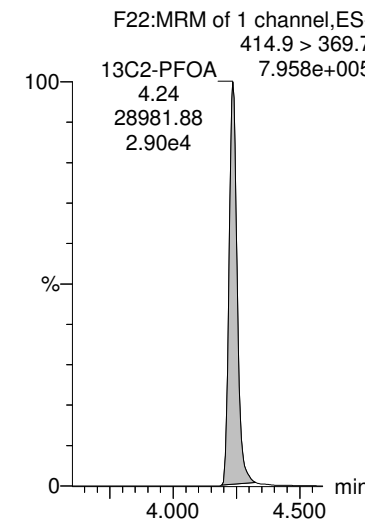
18O2-PFHxS



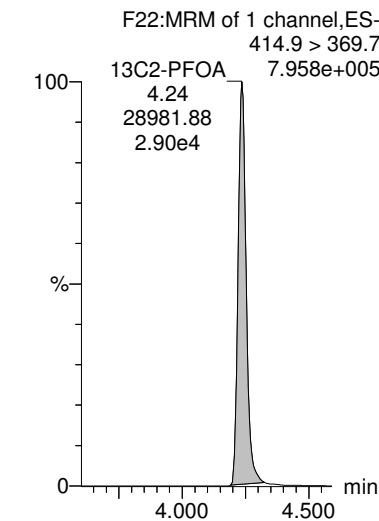
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



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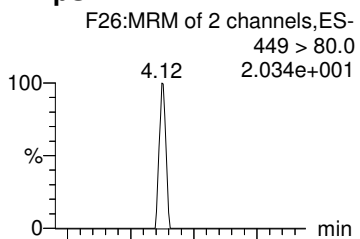
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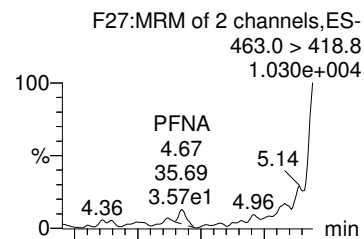
Printed: Thursday, August 30, 2018 15:03:23 Pacific Daylight Time

Name: 180825M1_47, Date: 25-Aug-2018, Time: 21:40:09, ID: 1802094-14 EB01-072618 0.11489, Description: EB01-072618

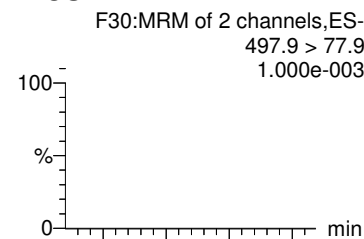
PFHpS



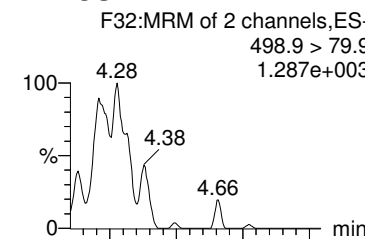
PFNA



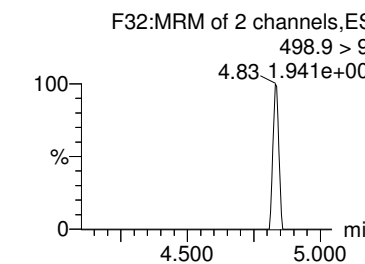
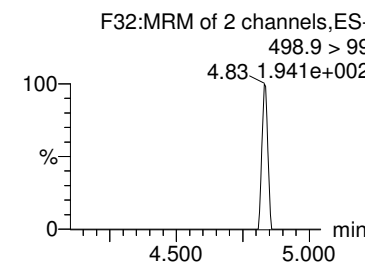
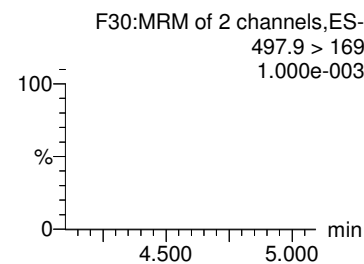
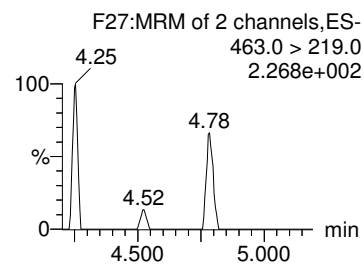
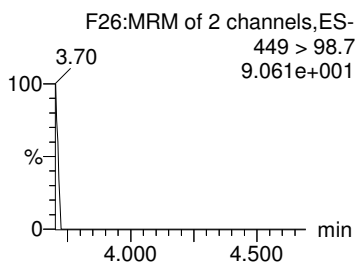
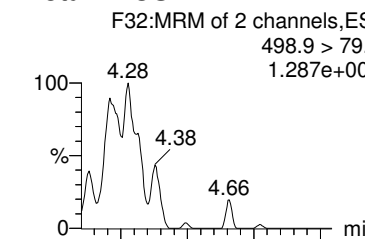
PFOSA



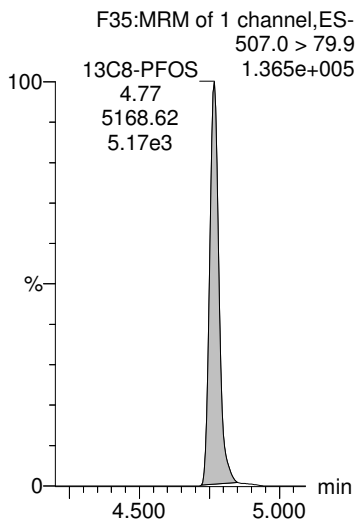
L-PFOS



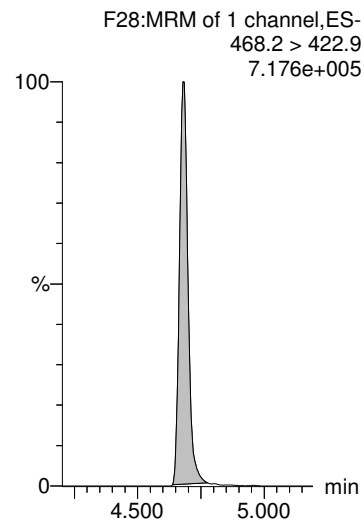
Total PFOS



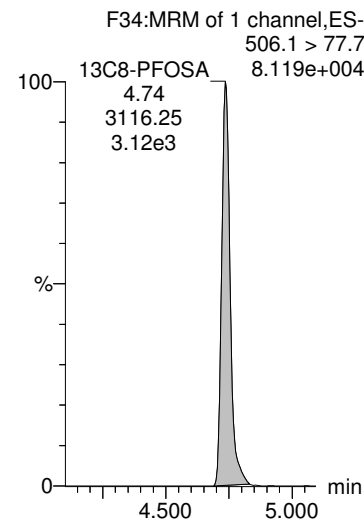
13C8-PFOS



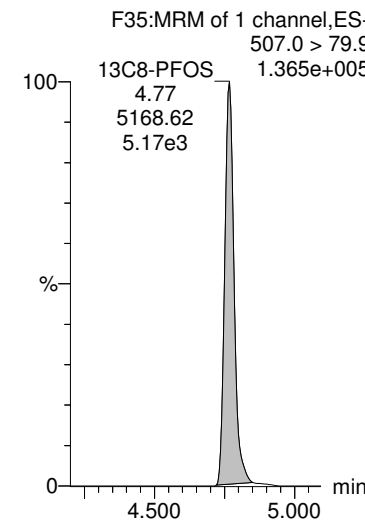
13C5-PFNA



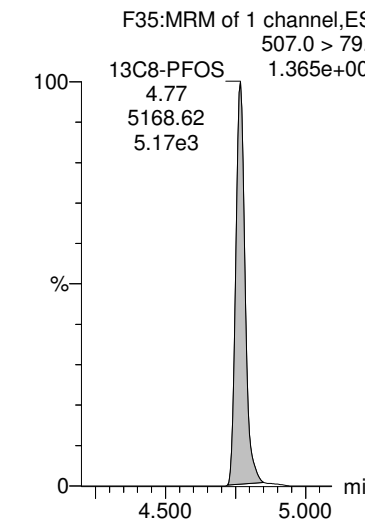
13C8-PFOSA



13C8-PFOS



13C8-PFOS



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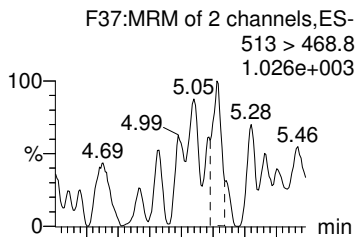
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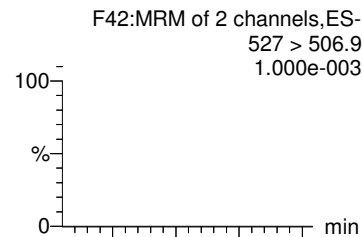
Printed: Thursday, August 30, 2018 15:03:23 Pacific Daylight Time

Name: 180825M1_47, Date: 25-Aug-2018, Time: 21:40:09, ID: 1802094-14 EB01-072618 0.11489, Description: EB01-072618

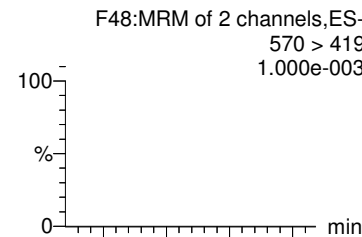
PFDA



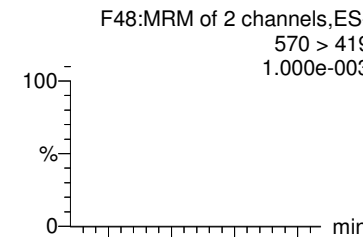
8:2 FTS



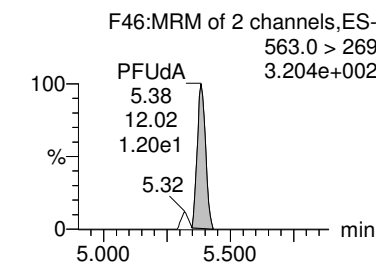
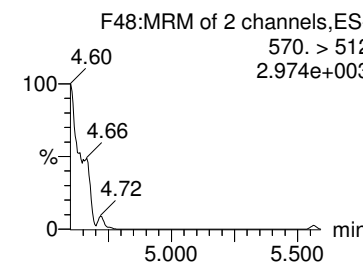
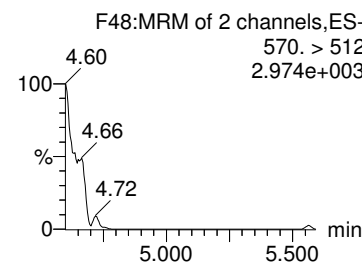
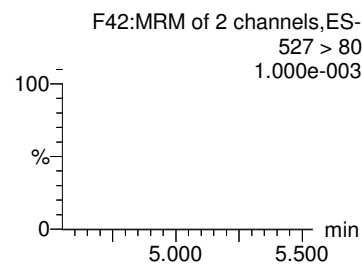
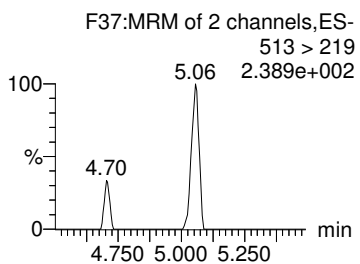
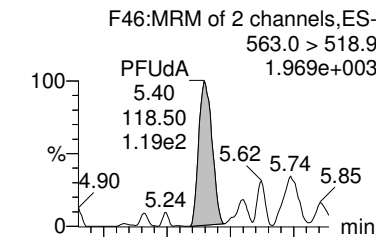
L-MeFOSAA



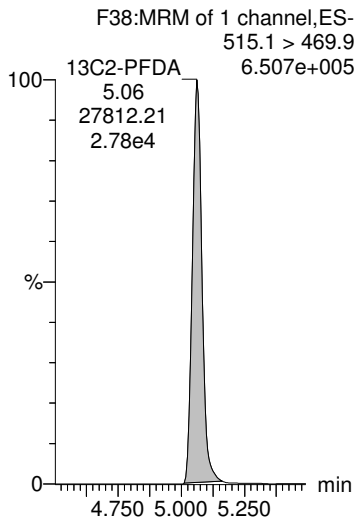
Total N-MeFOSAA



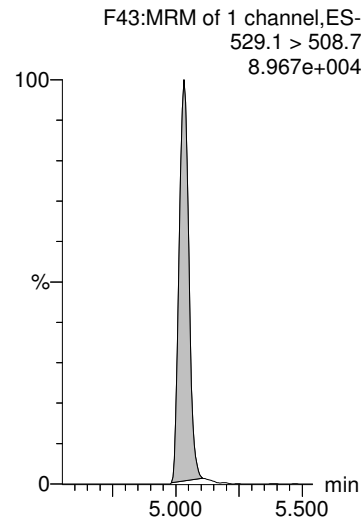
PFUdA



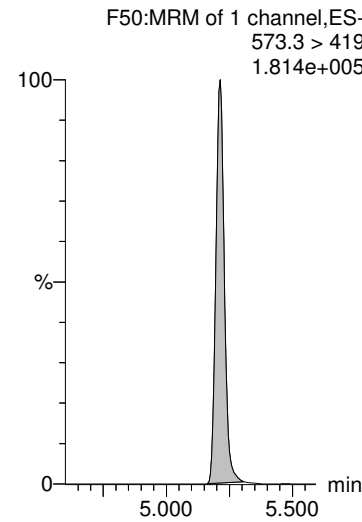
13C2-PFDA



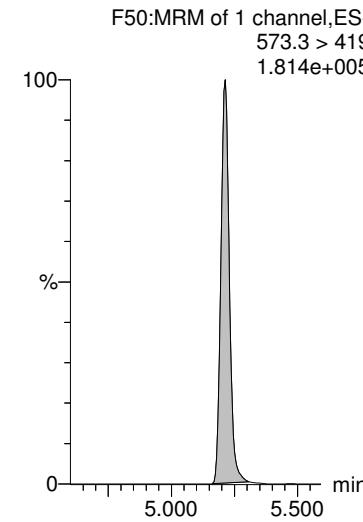
13C2-8:2 FTS



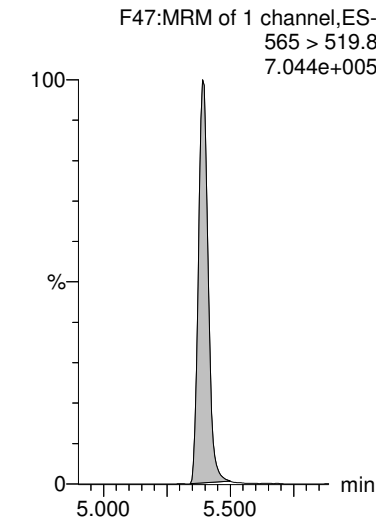
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



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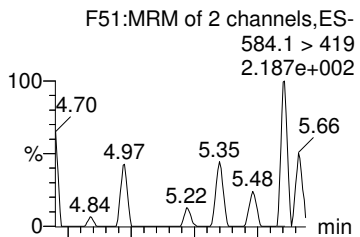
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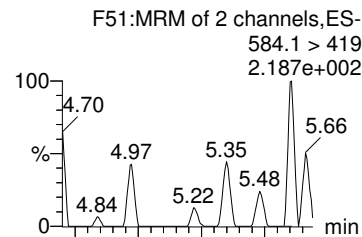
Printed: Thursday, August 30, 2018 15:03:23 Pacific Daylight Time

Name: 180825M1_47, Date: 25-Aug-2018, Time: 21:40:09, ID: 1802094-14 EB01-072618 0.11489, Description: EB01-072618

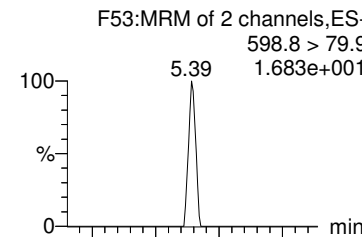
L-EtFOSAA



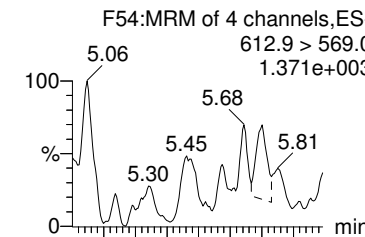
Total N-EtFOSAA



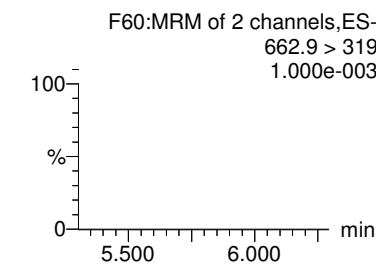
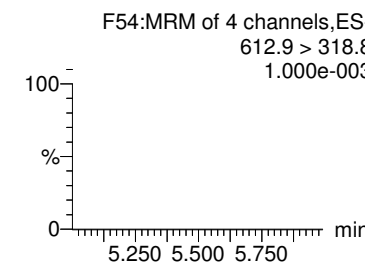
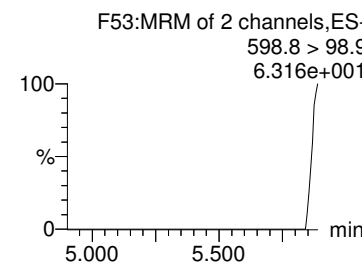
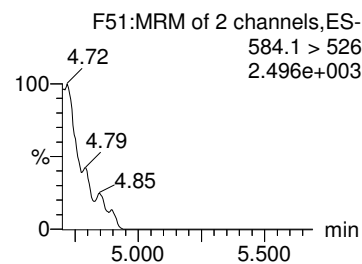
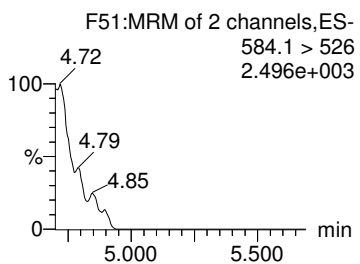
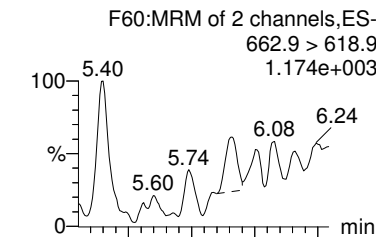
PFDS



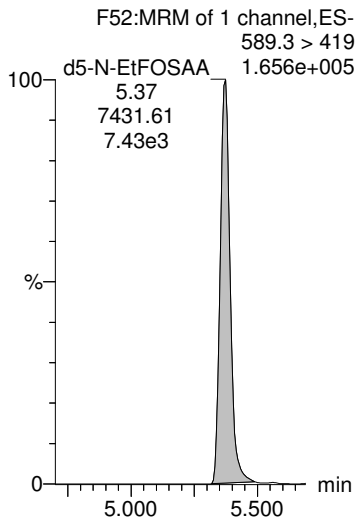
PFDoA



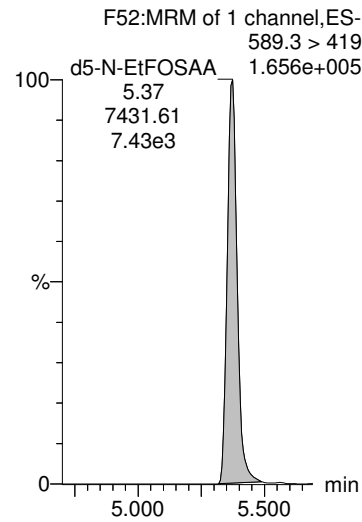
PFTrDA



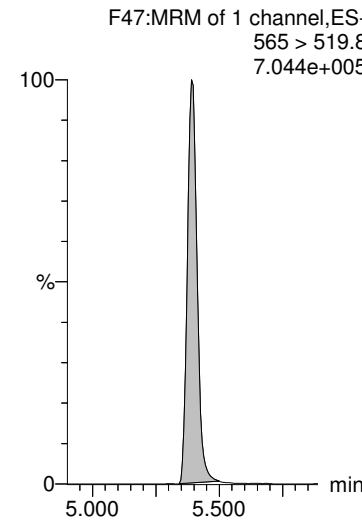
d5-N-EtFOSAA



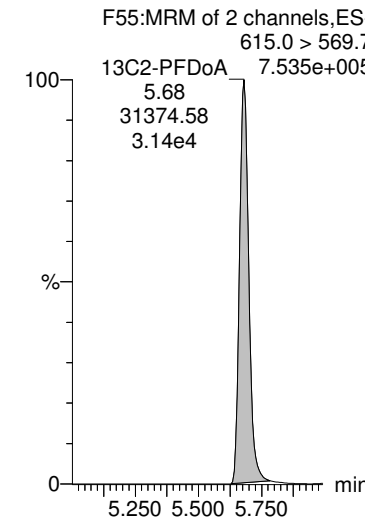
d5-N-EtFOSAA



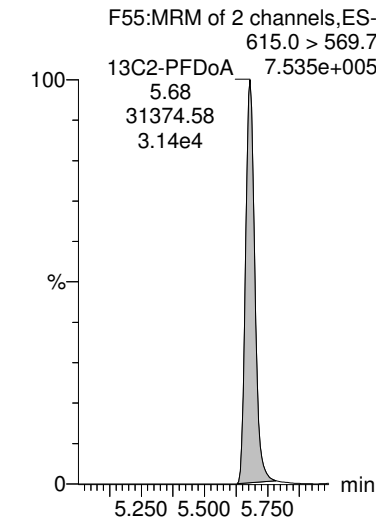
13C2-PFUDa



13C2-PFDoA



13C2-PFDoA



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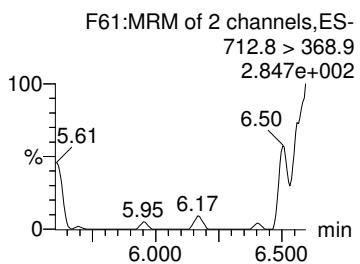
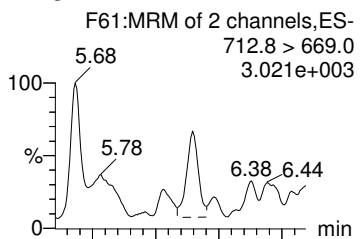
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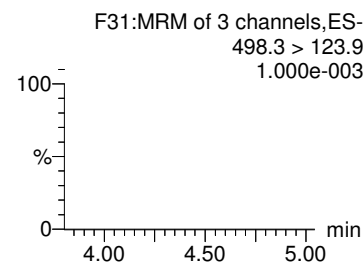
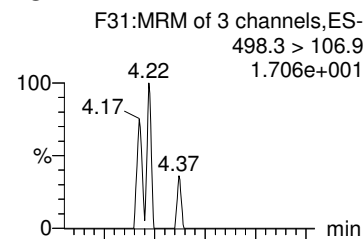
Printed: Thursday, August 30, 2018 15:03:23 Pacific Daylight Time

Name: 180825M1_47, Date: 25-Aug-2018, Time: 21:40:09, ID: 1802094-14 EB01-072618 0.11489, Description: EB01-072618

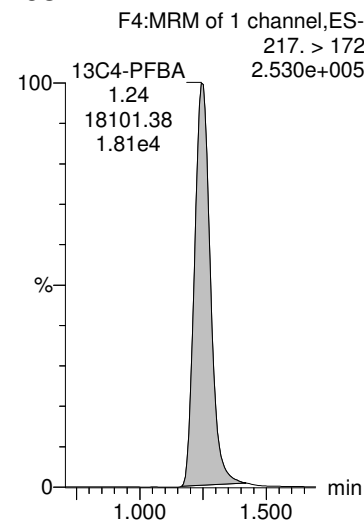
PFTeDA



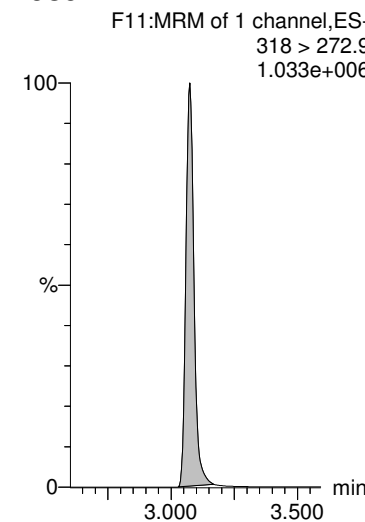
TCDA



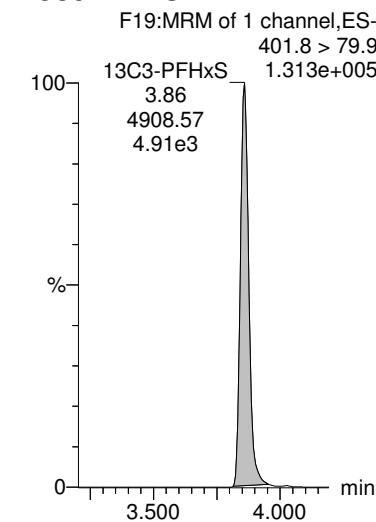
13C4-PFBA



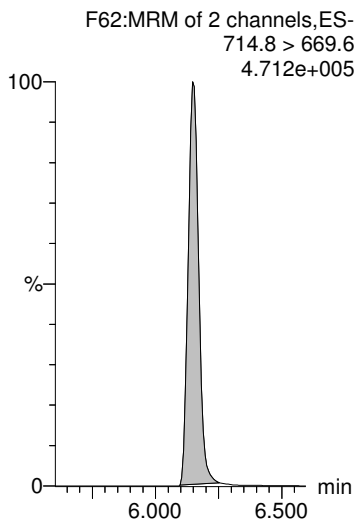
13C5-PFHxA



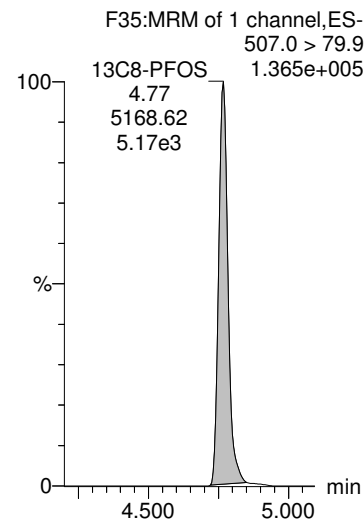
13C3-PFHxS



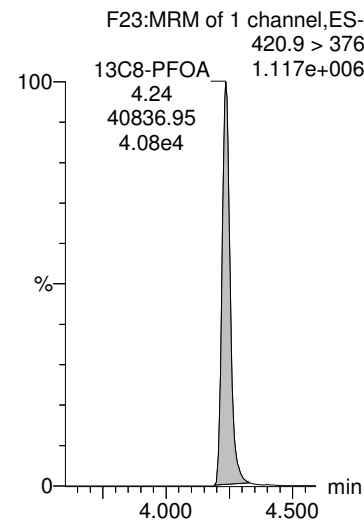
13C2-PFTeDA



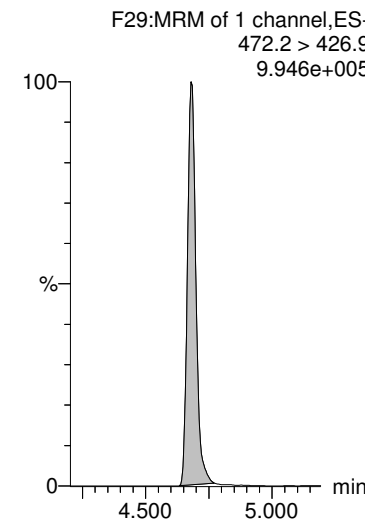
13C8-PFOS



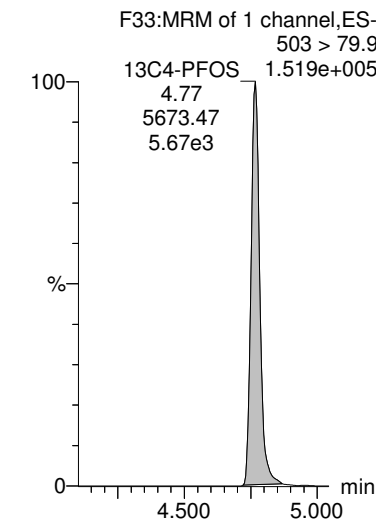
13C8-PFOA



13C9-PFNA



13C4-PFOS



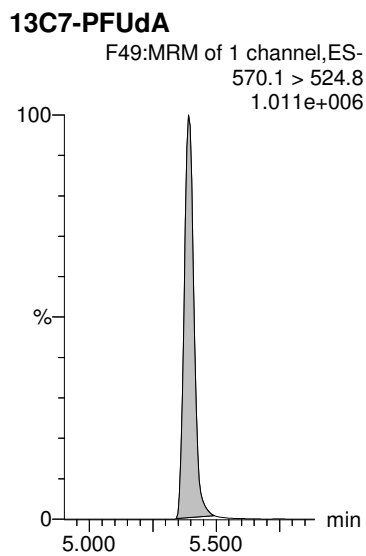
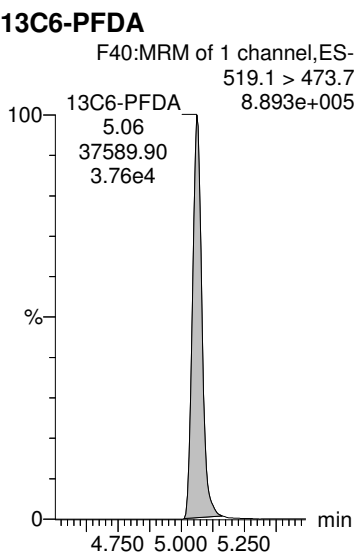
Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-47.qld

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Name: 180825M1_47, Date: 25-Aug-2018, Time: 21:40:09, ID: 1802094-14 EB01-072618 0.11489, Description: EB01-072618



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Name: 180825M1_48, Date: 25-Aug-2018, Time: 21:50:47, ID: 1802094-15 FRB01-072618 0.11916, Description: FRB01-072618

#	Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...		1.18e4	0.119							
2	2 PFPeA	263.1 > 21...		1.74e4	0.119							
3	3 PFBS	299.0 > 79.7		2.26e3	0.119							
4	5 PFHxA	313 > 269		1.09e4	0.119							
5	7 PFHpA	363.0 > 31...		1.76e4	0.119							
6	36 13C3-PFBA	216.1 > 17...	1.18e4	1.50e4	0.119	0.788	1.26	9.85	99.9834	95.3		
7	37 13C3-PFPeA	266. > 221.8	1.74e4	3.09e4	0.119	0.563	2.27	7.04	92.2805	88.0		
8	38 13C3-PFBS	302. > 98.8	2.26e3	3.09e4	0.119	0.0731	2.57	0.913	117.6610	112.2		
9	40 13C2-PFHxA	315 > 270	1.09e4	3.09e4	0.119	0.882	3.07	4.41	38.2373	91.1		
10	41 13C4-PFHpA	367.2 > 32...	1.76e4	3.09e4	0.119	0.568	3.70	7.10	101.8620	97.1		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	1.05e1	2.20e3	0.119	0.000	3.86	0.0598	0.2252		1.60	NO
13	68 Total PFHxS	398.9 > 79.6	1.05e1	2.20e3	0.119			0.0598	0.2252			
14	10 6:2 FTS	427.1 > 407	3.09e1	4.17e3	0.119	0.000	4.18	0.0926	0.4416		32.0	YES
15	11 L-PFOA	412.8 > 36...		2.59e4	0.119							
16	69 Total PFOA	412.8 > 36...	0.00e0	2.59e4	0.119			0.000				
17	42 18O2-PFHxS	403.0 > 10...	2.20e3	4.57e3	0.119	0.481	3.86	6.01	97.5557	93.0		
18	42 18O2-PFHxS	403.0 > 10...	2.20e3	4.57e3	0.119	0.481	3.86	6.01	97.5557	93.0		
19	43 13C2-6:2 FTS	429.1 > 40...	4.17e3	3.47e4	0.119	0.120	4.18	1.50	94.3930	90.0		
20	44 13C2-PFOA	414.9 > 36...	2.59e4	3.47e4	0.119	0.748	4.24	9.35	91.0335	86.8		
21	44 13C2-PFOA	414.9 > 36...	2.59e4	3.47e4	0.119	0.748	4.24	9.35	91.0335	86.8		
22	-1											
23	13 PFHpS	449 > 80.0		4.73e3	0.119							
24	14 PFNA	463.0 > 41...		2.41e4	0.119							
25	15 PFOSA	497.9 > 77.9		1.74e3	0.119							
26	16 L-PFOS	498.9 > 79.9		4.73e3	0.119							
27	70 Total PFOS	498.9 > 79.9	0.00e0	4.73e3	0.119			0.000				
28	47 13C8-PFOS	507.0 > 79.9	4.73e3	5.36e3	0.119	0.882	4.77	11.0	87.0728	83.0		
29	45 13C5-PFNA	468.2 > 42...	2.41e4	3.08e4	0.119	0.781	4.68	9.76	85.3456	81.4		
30	46 13C8-PFOSA	506.1 > 77.7	1.74e3	3.77e4	0.119	0.0462	4.74	0.577	24.7306	23.6		
31	47 13C8-PFOS	507.0 > 79.9	4.73e3	5.36e3	0.119	0.882	4.77	11.0	87.0728	83.0		
32	47 13C8-PFOS	507.0 > 79.9	4.73e3	5.36e3	0.119	0.882	4.77	11.0	87.0728	83.0		
33	-1											
34	18 PFDA	513 > 468.8		2.02e4	0.119							
35	19 8:2 FTS	527 > 506.9		2.97e3	0.119							
36	21 L-MeFOSAA	570 > 419		5.90e3	0.119							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	5.90e3	0.119			0.000				

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Name: 180825M1_48, Date: 25-Aug-2018, Time: 21:50:47, ID: 1802094-15 FRB01-072618 0.11916, Description: FRB01-072618

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	7.03e1	2.38e4	0.119	0.000	5.40	0.0369			138	YES
39	48 13C2-PFDA	515.1 > 46...	2.02e4	3.24e4	0.119	0.625	5.06	7.81	69.4526	66.2		
40	49 13C2-8:2 FTS	529.1 > 50...	2.97e3	3.47e4	0.119	0.0857	5.03	1.07	85.7551	81.7		
41	50 d3-N-MeFOSAA	573.3 > 419	5.90e3	3.77e4	0.119	0.156	5.21	1.96	72.4212	69.0		
42	50 d3-N-MeFOSAA	573.3 > 419	5.90e3	3.77e4	0.119	0.156	5.21	1.96	72.4212	69.0		
43	51 13C2-PFUdA	565 > 519.8	2.38e4	3.77e4	0.119	0.631	5.39	7.89	65.7266	62.7		
44	-1											
45	23 L-EtFOSAA	584.1 > 419		6.25e3	0.119							
46	72 Total N-EtFOSAA	584.1 > 419	0.00e0	6.25e3	0.119			0.000				
47	26 PFDS	598.8 > 79.9		4.73e3	0.119							
48	27 PFDoA	612.9 > 56...		2.81e4	0.119							
49	29 PFTrDA	662.9 > 61...		2.81e4	0.119							
50	52 d5-N-EtFOSAA	589.3 > 419	6.25e3	3.77e4	0.119	0.166	5.37	2.07	70.4990	67.2		
51	52 d5-N-EtFOSAA	589.3 > 419	6.25e3	3.77e4	0.119	0.166	5.37	2.07	70.4990	67.2		
52	51 13C2-PFUdA	565 > 519.8	2.38e4	3.77e4	0.119	0.631	5.39	7.89	65.7266	62.7		
53	53 13C2-PFDoA	615.0 > 56...	2.81e4	3.24e4	0.119	0.867	5.68	10.8	79.6051	75.9		
54	53 13C2-PFDoA	615.0 > 56...	2.81e4	3.24e4	0.119	0.867	5.68	10.8	79.6051	75.9		
55	-1											
56	30 PFTeDA	712.8 > 66...		2.16e4	0.119							
57	73 TCDA	498.3>106.9			0.119							
58	60 13C4-PFBA	217. > 172	1.50e4	1.50e4	0.119	1.00	1.26	12.5	104.9010	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.09e4	3.09e4	0.119	1.00	3.07	12.5	104.9010	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.57e3	4.57e3	0.119	1.00	3.86	12.5	104.9010	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	2.16e4	3.77e4	0.119	0.572	6.15	7.15	82.9882	79.1		
62	47 13C8-PFOS	507.0 > 79.9	4.73e3	5.36e3	0.119	0.882	4.77	11.0	87.0728	83.0		
63	63 13C8-PFOA	420.9 > 376	3.47e4	3.47e4	0.119	1.00	4.24	12.5	104.9010	100.0		
64	64 13C9-PFNA	472.2 > 42...	3.08e4	3.08e4	0.119	1.00	4.68	12.5	104.9010	100.0		
65	65 13C4-PFOS	503 > 79.9	5.36e3	5.36e3	0.119	1.00	4.77	12.5	104.9010	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.24e4	3.24e4	0.119	1.00	5.06	12.5	104.9010	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.77e4	3.77e4	0.119	1.00	5.39	12.5	104.9010	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-48.qld

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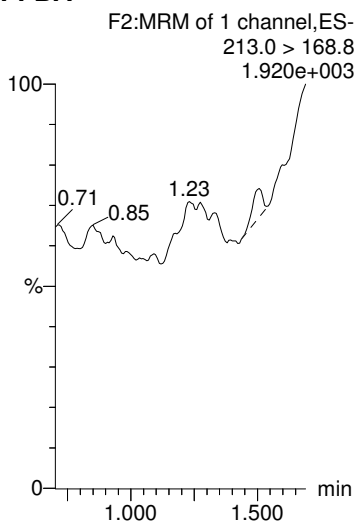
Printed: Thursday, August 30, 2018 15:07:09 Pacific Daylight Time

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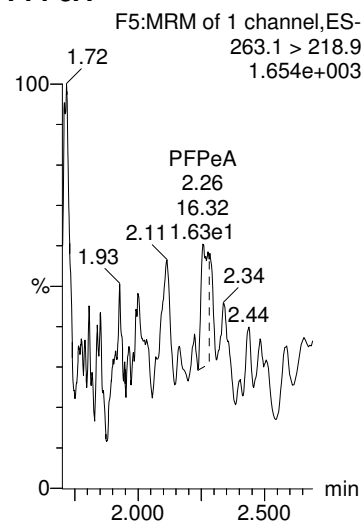
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Name: 180825M1_48, Date: 25-Aug-2018, Time: 21:50:47, ID: 1802094-15 FRB01-072618 0.11916, Description: FRB01-072618

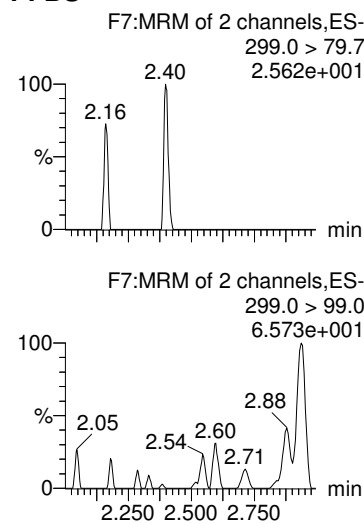
PFBA



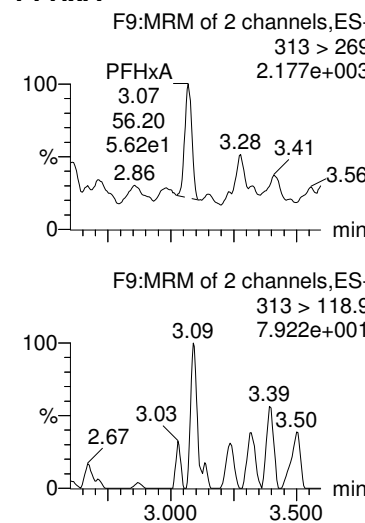
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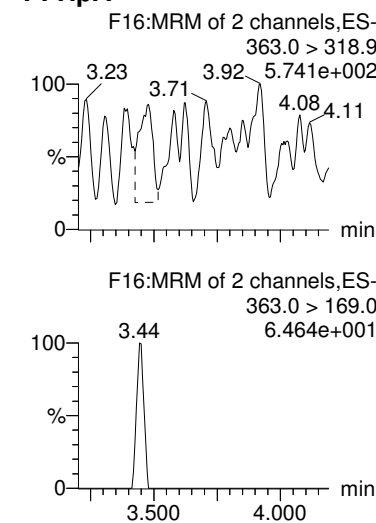
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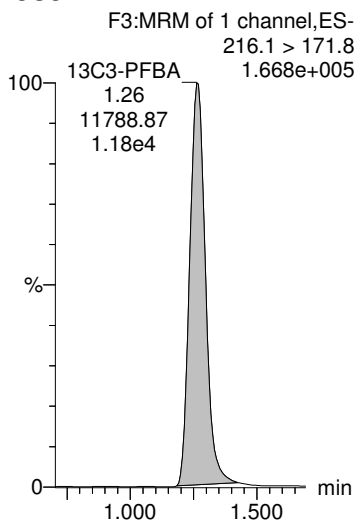
PFHxA



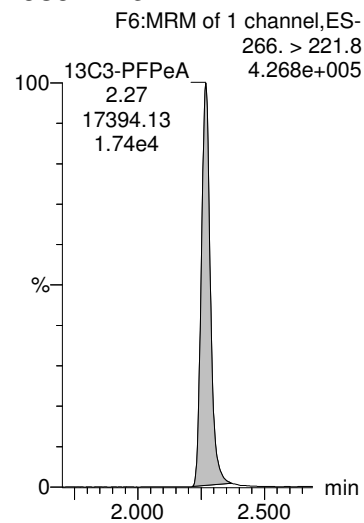
PFHpA



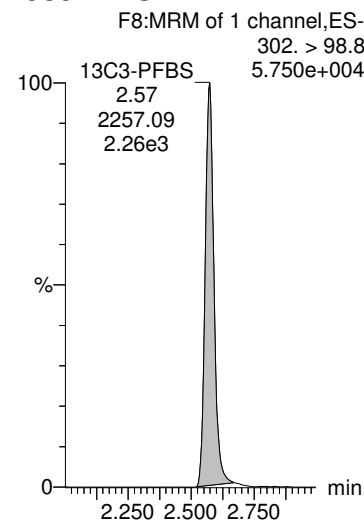
13C3-PFBA



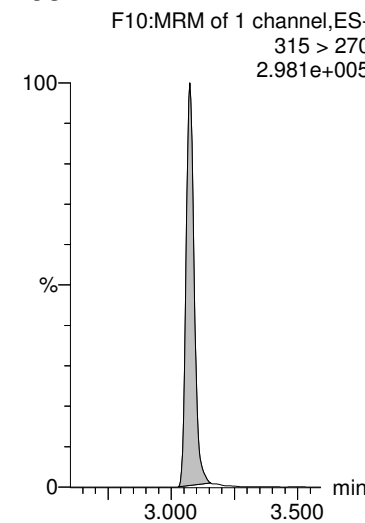
13C3-PFPeA



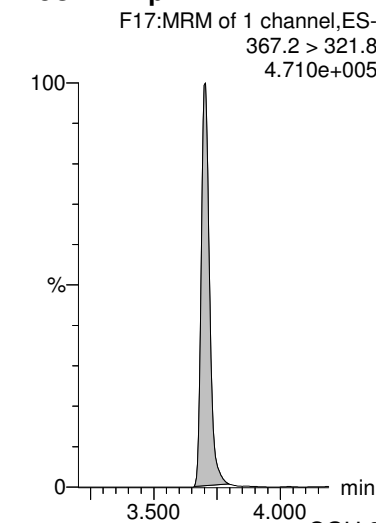
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



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Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-48.qld

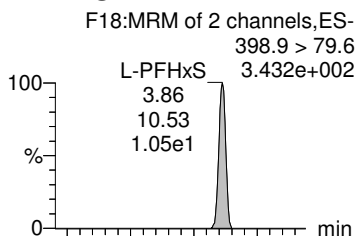
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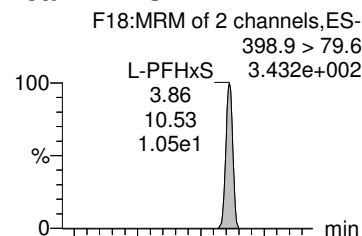
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Name: 180825M1_48, Date: 25-Aug-2018, Time: 21:50:47, ID: 1802094-15 FRB01-072618 0.11916, Description: FRB01-072618

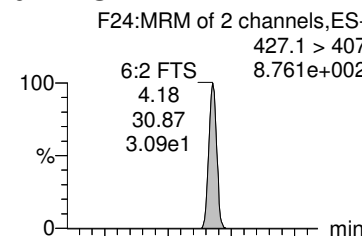
L-PFHxS



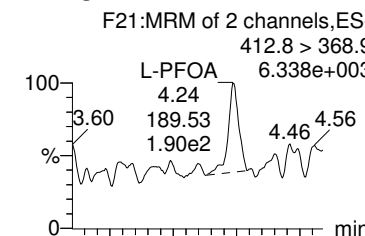
Total PFHxS



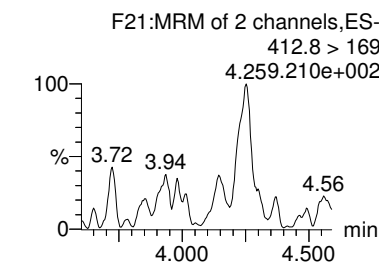
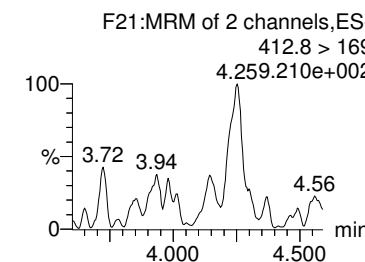
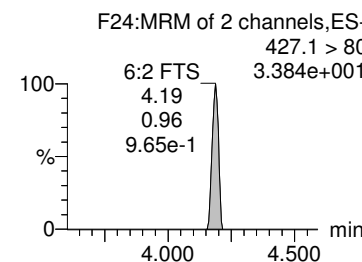
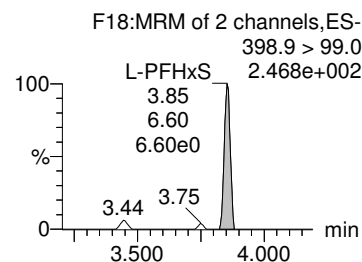
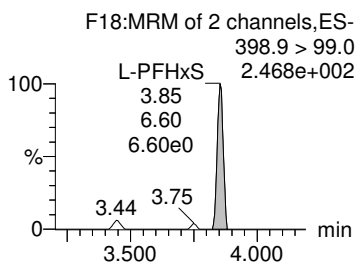
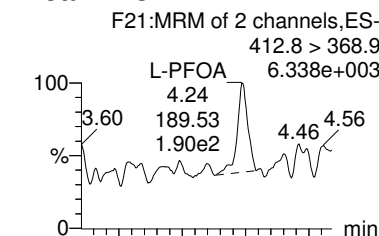
6:2 FTS



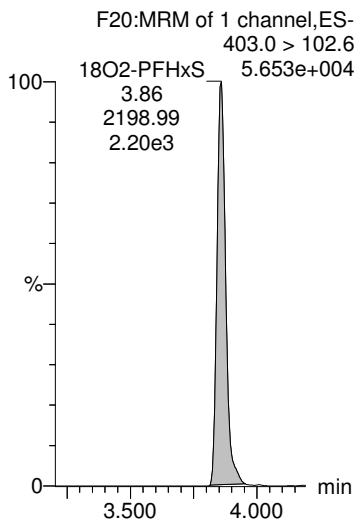
L-PFOA



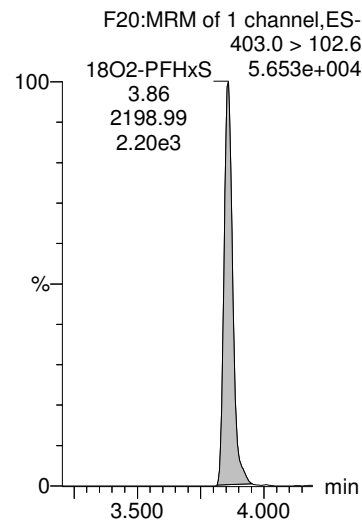
Total PFOA



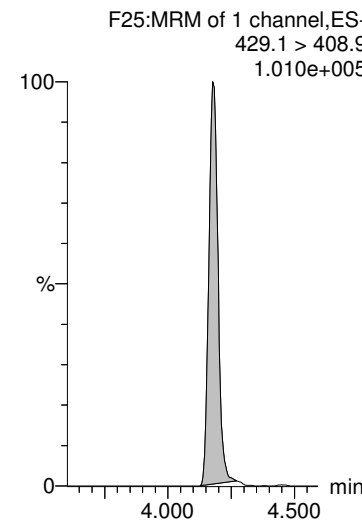
18O2-PFHxS



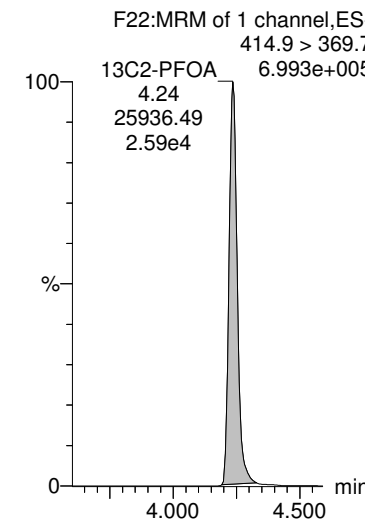
18O2-PFHxS



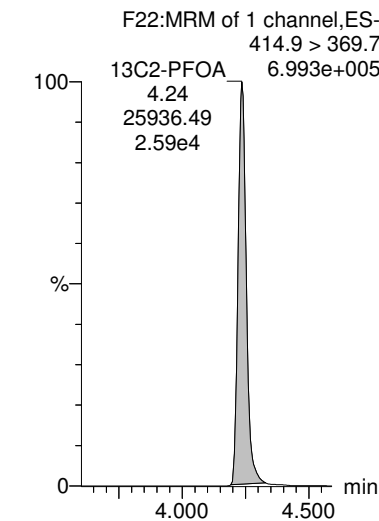
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



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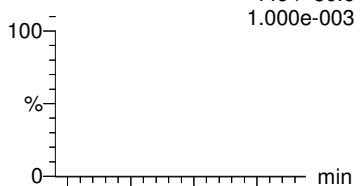
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Name: 180825M1_48, Date: 25-Aug-2018, Time: 21:50:47, ID: 1802094-15 FRB01-072618 0.11916, Description: FRB01-072618

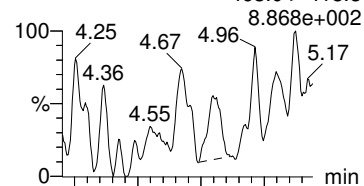
PFHpS

F26:MRM of 2 channels,ES-
449 > 80.0
1.000e-003



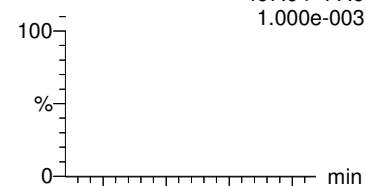
PFNA

F27:MRM of 2 channels,ES-
463.0 > 418.8
8.868e+002



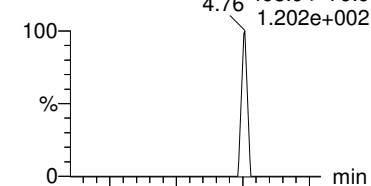
PFOSA

F30:MRM of 2 channels,ES-
497.9 > 77.9
1.000e-003



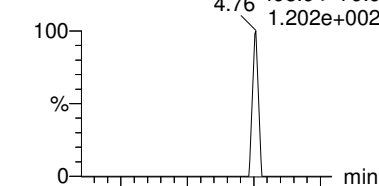
L-PFOS

F32:MRM of 2 channels,ES-
498.9 > 79.9
1.202e+002



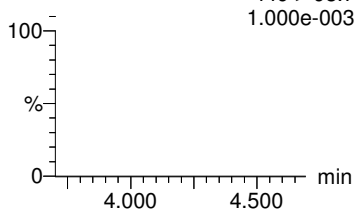
Total PFOS

F32:MRM of 2 channels,ES-
498.9 > 79.9
1.202e+002



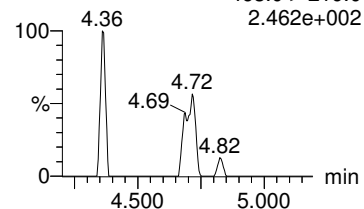
PFHpS

F26:MRM of 2 channels,ES-
449 > 98.7
1.000e-003



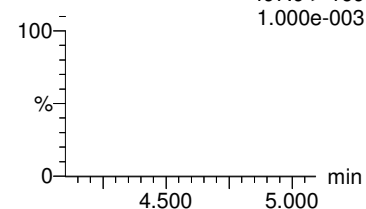
PFNA

F27:MRM of 2 channels,ES-
463.0 > 219.0
2.462e+002



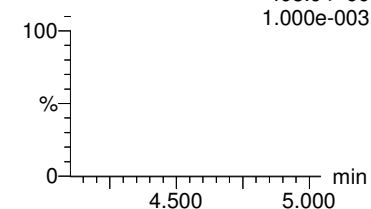
PFOSA

F30:MRM of 2 channels,ES-
497.9 > 169
1.000e-003



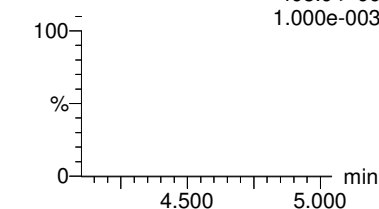
L-PFOS

F32:MRM of 2 channels,ES-
498.9 > 99
1.000e-003



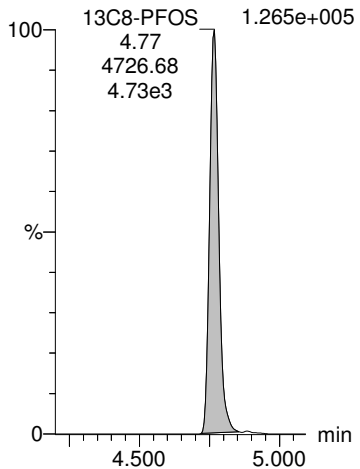
Total PFOS

F32:MRM of 2 channels,ES-
498.9 > 99
1.000e-003



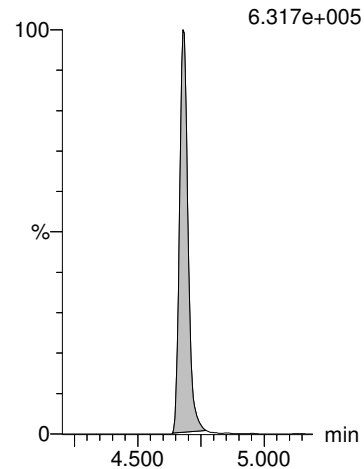
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.265e+005



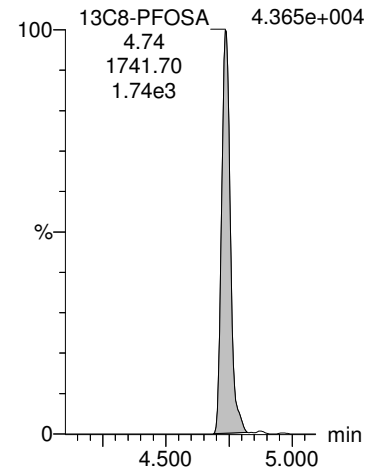
13C5-PFNA

F28:MRM of 1 channel,ES-
468.2 > 422.9
6.317e+005



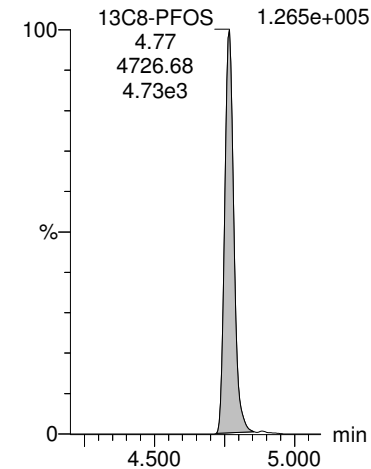
13C8-PFOSA

F34:MRM of 1 channel,ES-
506.1 > 77.7
4.365e+004



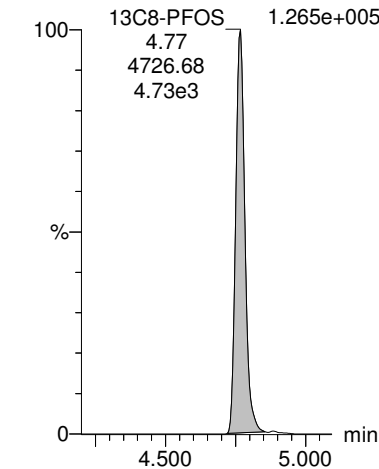
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.265e+005



13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.265e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-48.qld

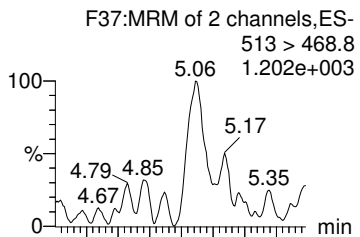
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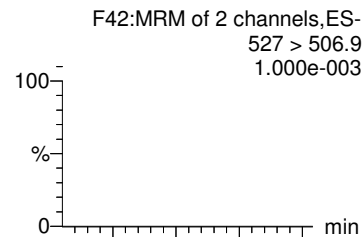
Printed: Thursday, August 30, 2018 15:07:09 Pacific Daylight Time

Name: 180825M1_48, Date: 25-Aug-2018, Time: 21:50:47, ID: 1802094-15 FRB01-072618 0.11916, Description: FRB01-072618

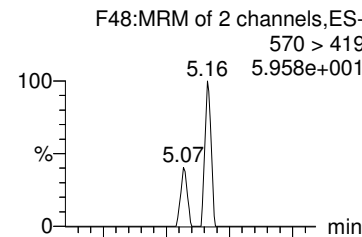
PFDA



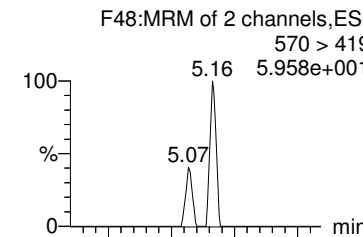
8:2 FTS



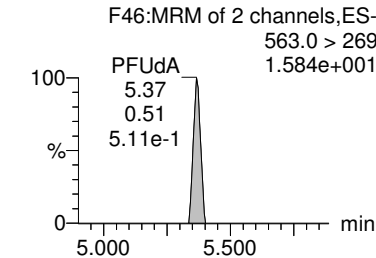
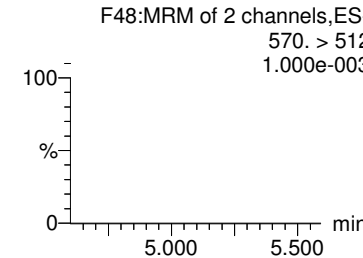
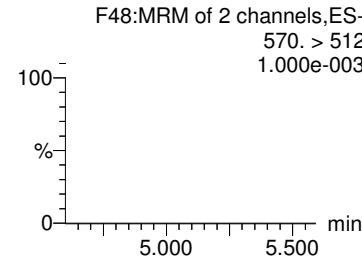
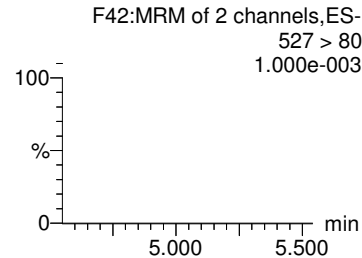
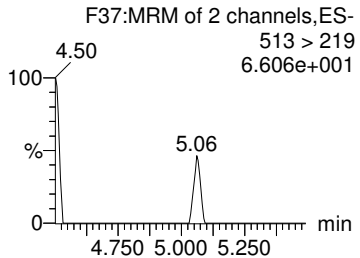
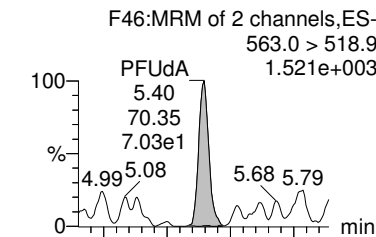
L-MeFOSAA



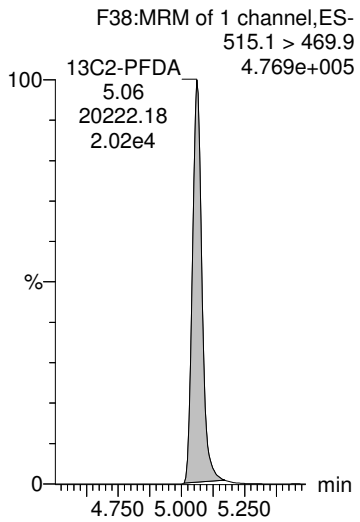
Total N-MeFOSAA



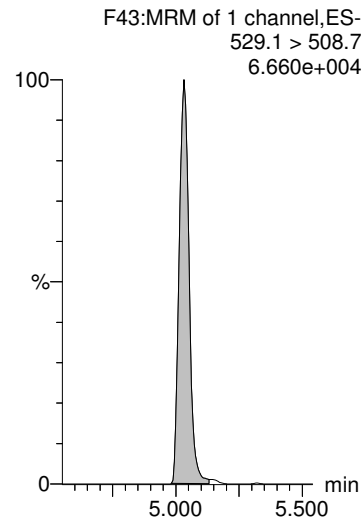
PFUdA



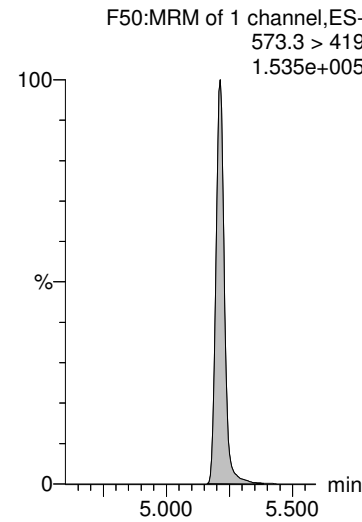
13C2-PFDA



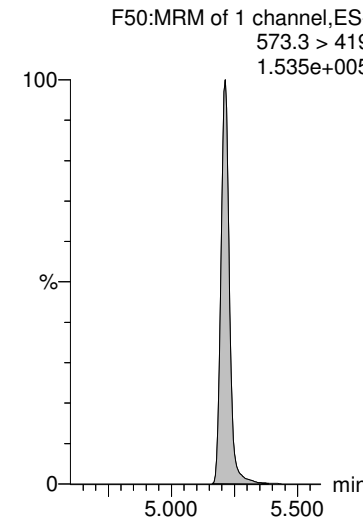
13C2-8:2 FTS



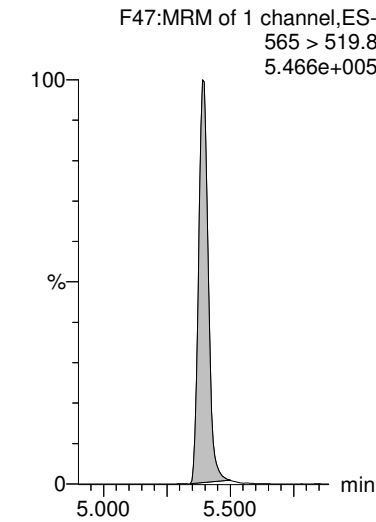
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-48.qld

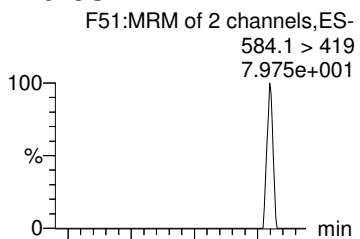
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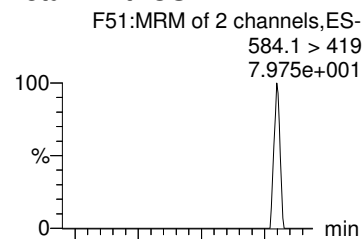
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Name: 180825M1_48, Date: 25-Aug-2018, Time: 21:50:47, ID: 1802094-15 FRB01-072618 0.11916, Description: FRB01-072618

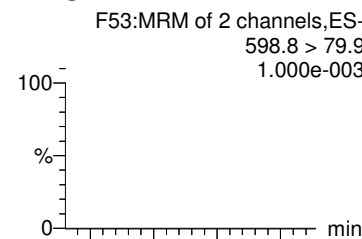
L-EtFOSAA



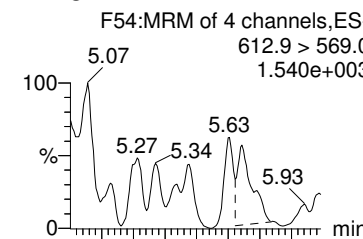
Total N-EtFOSAA



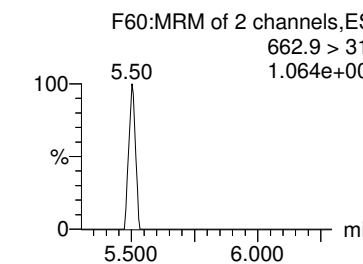
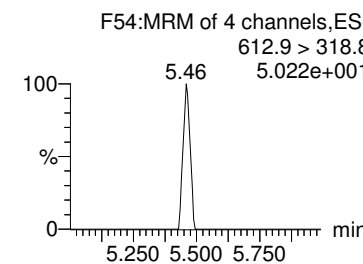
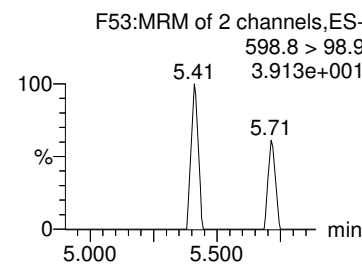
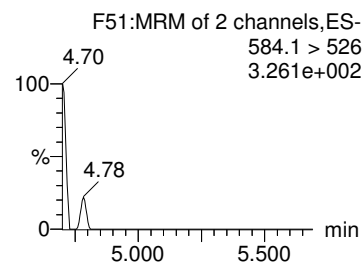
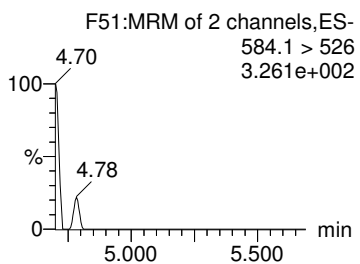
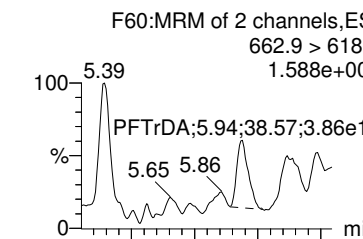
PFDS



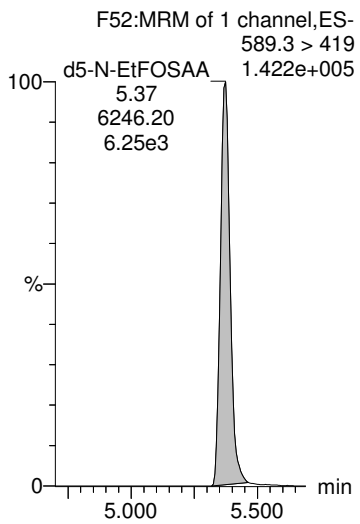
PFDoA



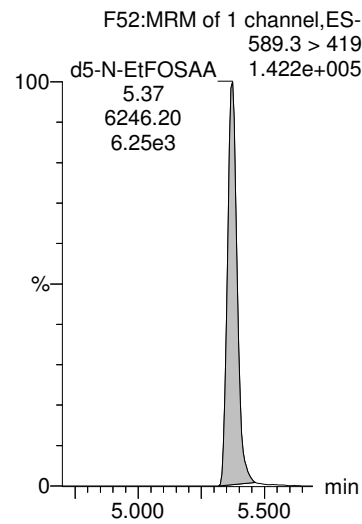
PFTrDA



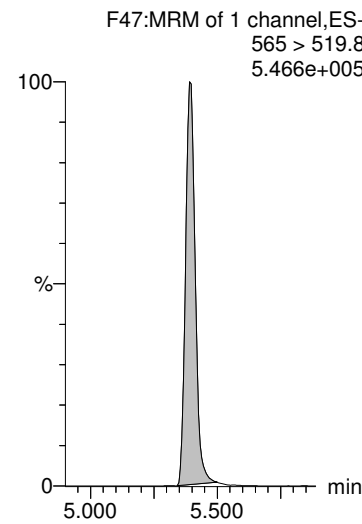
d5-N-EtFOSAA



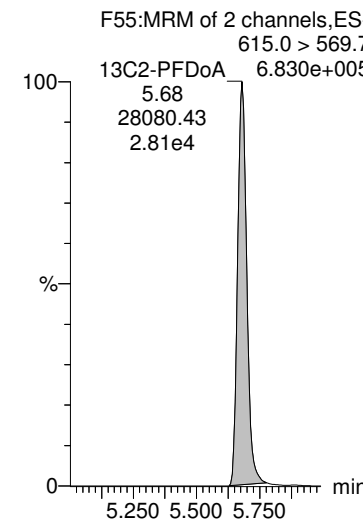
d5-N-EtFOSAA



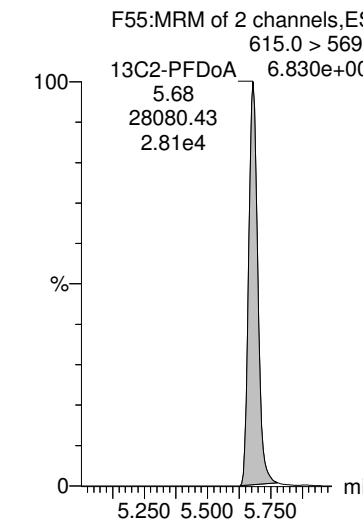
13C2-PFUDa



13C2-PFDoA



13C2-PFDoA



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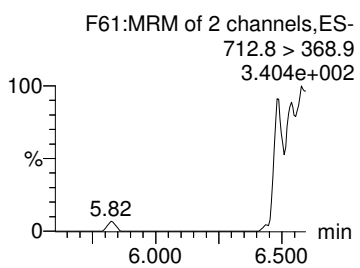
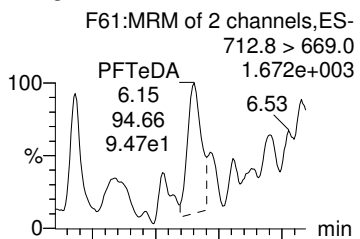
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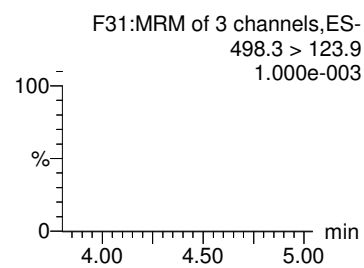
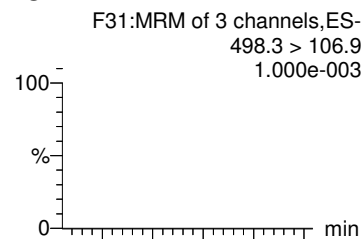
Printed: Thursday, August 30, 2018 15:07:09 Pacific Daylight Time

Name: 180825M1_48, Date: 25-Aug-2018, Time: 21:50:47, ID: 1802094-15 FRB01-072618 0.11916, Description: FRB01-072618

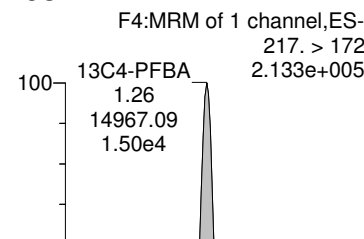
PFTeDA



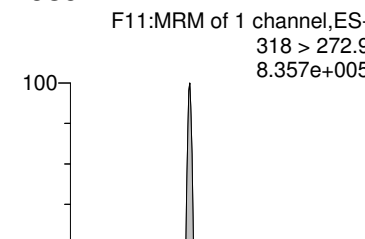
TCDA



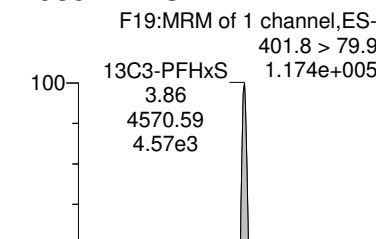
13C4-PFBA



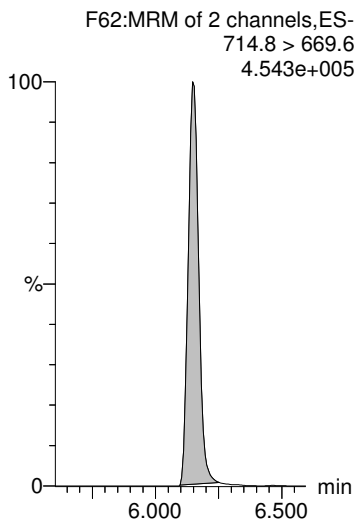
13C5-PFHxA



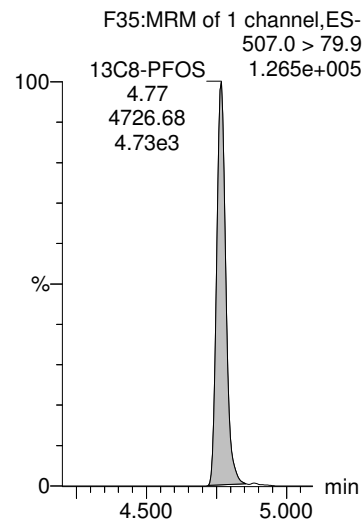
13C3-PFHxS



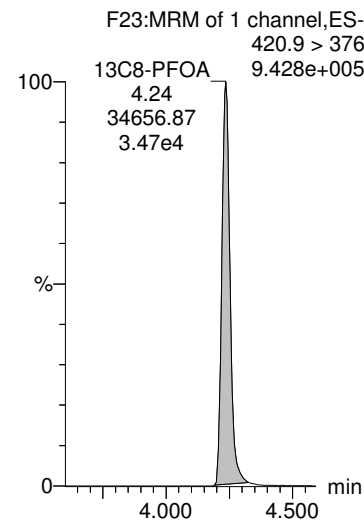
13C2-PFTeDA



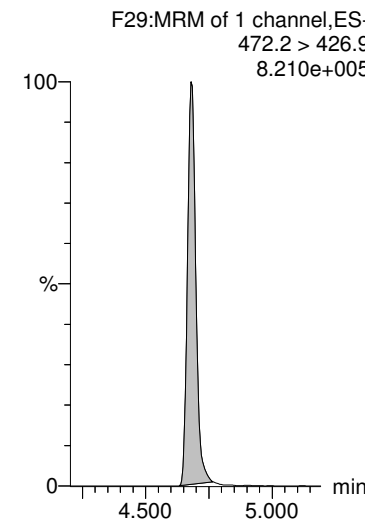
13C8-PFOS



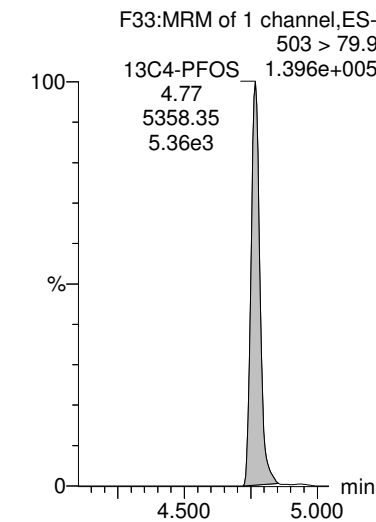
13C8-PFOA



13C9-PFNA



13C4-PFOS



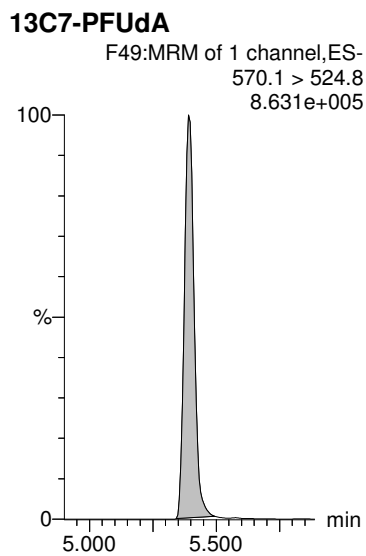
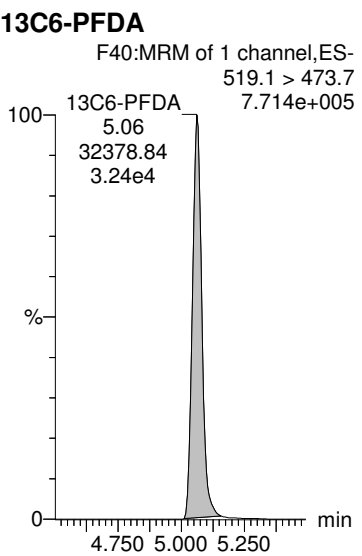
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Name: 180825M1_48, Date: 25-Aug-2018, Time: 21:50:47, ID: 1802094-15 FRB01-072618 0.11916, Description: FRB01-072618



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-49.qld

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Last Altered: Thursday, August 30, 2018 15:12:08 Pacific Daylight Time

Printed: Thursday, August 30, 2018 15:12:40 Pacific Daylight Time

Name: 180825M1_49, Date: 25-Aug-2018, Time: 22:01:21, ID: 1802094-16 GW01-072618 0.25129, Description: GW01-072618

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...		1.25e4	0.251							
2	2 PFPeA	263.1 > 21...	5.60e3	1.87e4	0.251	0.000	2.26	3.75	15.4267			
3	3 PFBS	299.0 > 79.7		2.19e3	0.251							
4	5 PFHxA	313 > 269	8.18e3	1.16e4	0.251	0.000	3.07	3.52	14.7097		15.0	NO
5	7 PFHpA	363.0 > 31...	2.17e3	1.85e4	0.251	0.000	3.70	1.47	4.8696		27.5	NO
6	36 13C3-PFBA	216.1 > 17...	1.25e4	1.63e4	0.251	0.768	1.25	9.60	46.2207	92.9		
7	37 13C3-PFPeA	266. > 221.8	1.87e4	3.24e4	0.251	0.577	2.26	7.21	44.8353	90.1		
8	38 13C3-PFBS	302. > 98.8	2.19e3	3.24e4	0.251	0.0674	2.57	0.843	51.5000	103.5		
9	40 13C2-PFHxA	315 > 270	1.16e4	3.24e4	0.251	0.896	3.07	4.48	18.4265	92.6		
10	41 13C4-PFHpA	367.2 > 32...	1.85e4	3.24e4	0.251	0.570	3.70	7.12	48.4120	97.3		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	1.26e2	2.01e3	0.251	0.000	3.86	0.788	1.7862		1.51	NO
13	68 Total PFHxS	398.9 > 79.6	1.26e2	2.01e3	0.251			0.788	1.7862			
14	10 6:2 FTS	427.1 > 407	1.22e2	4.22e3	0.251	0.000	4.18	0.362	1.2595		3.73	YES
15	11 L-PFOA	412.8 > 36...	1.59e4	2.59e4	0.251	0.000	4.24	7.70	24.5387		3.39	NO
16	69 Total PFOA	412.8 > 36...	1.62e4	2.59e4	0.251			7.85	24.5988			
17	42 18O2-PFHxS	403.0 > 10...	2.01e3	4.20e3	0.251	0.478	3.86	5.97	45.9384	92.4		
18	42 18O2-PFHxS	403.0 > 10...	2.01e3	4.20e3	0.251	0.478	3.86	5.97	45.9384	92.4		
19	43 13C2-6:2 FTS	429.1 > 40...	4.22e3	3.68e4	0.251	0.115	4.18	1.43	42.6510	85.7		
20	44 13C2-PFOA	414.9 > 36...	2.59e4	3.68e4	0.251	0.702	4.24	8.77	40.4833	81.4		
21	44 13C2-PFOA	414.9 > 36...	2.59e4	3.68e4	0.251	0.702	4.24	8.77	40.4833	81.4		
22	-1											
23	13 PFHpS	449 > 80.0		4.10e3	0.251							
24	14 PFNA	463.0 > 41...	1.06e5	2.37e4	0.251	0.000	4.68	55.9	186.4901		5.40	NO
25	15 PFOSA	497.9 > 77.9		2.38e3	0.251							
26	16 L-PFOS	498.9 > 79.9	9.95e2	4.10e3	0.251	0.000	4.77	3.03	12.3117		2.08	NO
27	70 Total PFOS	498.9 > 79.9	9.95e2	4.10e3	0.251			3.03	12.3117			
28	47 13C8-PFOS	507.0 > 79.9	4.10e3	5.03e3	0.251	0.815	4.77	10.2	38.1260	76.6		
29	45 13C5-PFNA	468.2 > 42...	2.37e4	3.24e4	0.251	0.731	4.68	9.14	37.8637	76.1		
30	46 13C8-PFOSA	506.1 > 77.7	2.38e3	2.99e4	0.251	0.0797	4.74	0.996	20.2441	40.7		
31	47 13C8-PFOS	507.0 > 79.9	4.10e3	5.03e3	0.251	0.815	4.77	10.2	38.1260	76.6		
32	47 13C8-PFOS	507.0 > 79.9	4.10e3	5.03e3	0.251	0.815	4.77	10.2	38.1260	76.6		
33	-1											
34	18 PFDA	513 > 468.8	4.15e4	1.97e4	0.251	0.000	5.07	26.3	85.6537		6.00	NO
35	19 8:2 FTS	527 > 506.9	4.97e2	2.86e3	0.251	0.000	5.04	2.17	5.8748		1.97	NO
36	21 L-MeFOSAA	570 > 419		4.18e3	0.251							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	4.18e3	0.251			0.000				

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Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-49.qld

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Printed: Thursday, August 30, 2018 15:12:40 Pacific Daylight Time

Name: 180825M1_49, Date: 25-Aug-2018, Time: 22:01:21, ID: 1802094-16 GW01-072618 0.25129, Description: GW01-072618

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	5.60e5	1.90e4	0.251	0.000	5.40	368	1567.9636		12.2	NO
39	48 13C2-PFDA	515.1 > 46...	1.97e4	3.35e4	0.251	0.587	5.07	7.34	30.9762	62.3		
40	49 13C2-8:2 FTS	529.1 > 50...	2.86e3	3.68e4	0.251	0.0777	5.03	0.971	36.8602	74.1		
41	50 d3-N-MeFOSAA	573.3 > 419	4.18e3	2.99e4	0.251	0.140	5.21	1.75	30.7138	61.7		
42	50 d3-N-MeFOSAA	573.3 > 419	4.18e3	2.99e4	0.251	0.140	5.21	1.75	30.7138	61.7		
43	51 13C2-PFUdA	565 > 519.8	1.90e4	2.99e4	0.251	0.636	5.40	7.96	31.4099	63.1		
44	-1											
45	23 L-EtFOSAA	584.1 > 419		4.77e3	0.251							
46	72 Total N-EtFOSAA	584.1 > 419	0.00e0	4.77e3	0.251			0.000				
47	26 PFDS	598.8 > 79.9		4.10e3	0.251							
48	27 PFDoA	612.9 > 56...	1.47e3	2.46e4	0.251	0.000	5.68	0.746	2.6122		9.35	NO
49	29 PFTrDA	662.9 > 61...	2.68e3	2.46e4	0.251	0.000	5.93	1.36	4.6277		44.2	YES
50	52 d5-N-EtFOSAA	589.3 > 419	4.77e3	2.99e4	0.251	0.160	5.37	2.00	32.2370	64.8		
51	52 d5-N-EtFOSAA	589.3 > 419	4.77e3	2.99e4	0.251	0.160	5.37	2.00	32.2370	64.8		
52	51 13C2-PFUdA	565 > 519.8	1.90e4	2.99e4	0.251	0.636	5.40	7.96	31.4099	63.1		
53	53 13C2-PFDoA	615.0 > 56...	2.46e4	3.35e4	0.251	0.734	5.68	9.17	31.9302	64.2		
54	53 13C2-PFDoA	615.0 > 56...	2.46e4	3.35e4	0.251	0.734	5.68	9.17	31.9302	64.2		
55	-1											
56	30 PFTeDA	712.8 > 66...	8.65e1	2.02e4	0.251	0.000	6.15	0.0535			16.8	YES
57	73 TCDA	498.3>106.9			0.251							
58	60 13C4-PFBA	217. > 172	1.63e4	1.63e4	0.251	1.00	1.26	12.5	49.7433	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.24e4	3.24e4	0.251	1.00	3.07	12.5	49.7433	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.20e3	4.20e3	0.251	1.00	3.86	12.5	49.7433	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	2.02e4	2.99e4	0.251	0.677	6.15	8.46	46.5713	93.6		
62	47 13C8-PFOS	507.0 > 79.9	4.10e3	5.03e3	0.251	0.815	4.77	10.2	38.1260	76.6		
63	63 13C8-PFOA	420.9 > 376	3.68e4	3.68e4	0.251	1.00	4.24	12.5	49.7433	100.0		
64	64 13C9-PFNA	472.2 > 42...	3.24e4	3.24e4	0.251	1.00	4.68	12.5	49.7433	100.0		
65	65 13C4-PFOS	503 > 79.9	5.03e3	5.03e3	0.251	1.00	4.77	12.5	49.7433	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.35e4	3.35e4	0.251	1.00	5.06	12.5	49.7433	100.0		
68	67 13C7-PFUdA	570.1 > 52...	2.99e4	2.99e4	0.251	1.00	5.39	12.5	49.7433	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-49.qld

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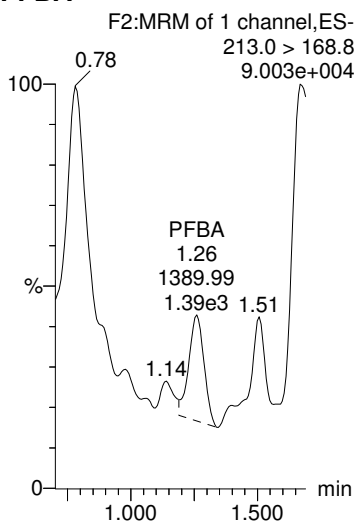
Printed: Thursday, August 30, 2018 15:12:40 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 27 Aug 2018 10:30:44

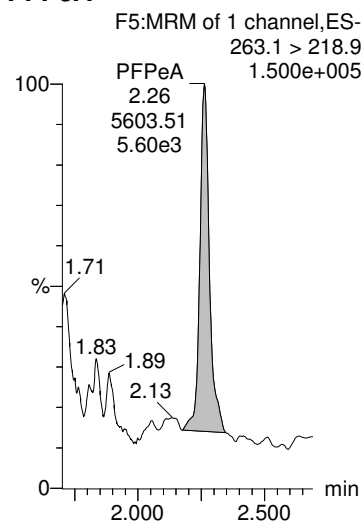
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Name: 180825M1_49, Date: 25-Aug-2018, Time: 22:01:21, ID: 1802094-16 GW01-072618 0.25129, Description: GW01-072618

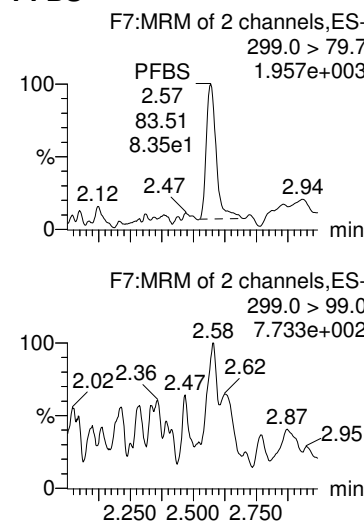
PFBA



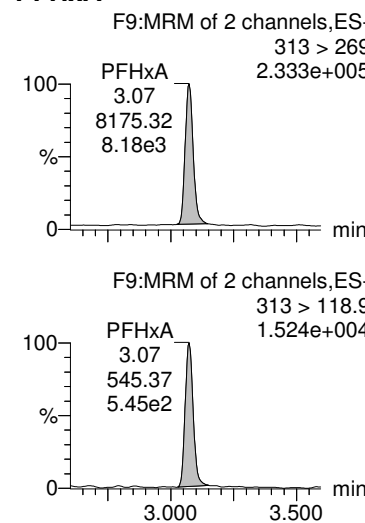
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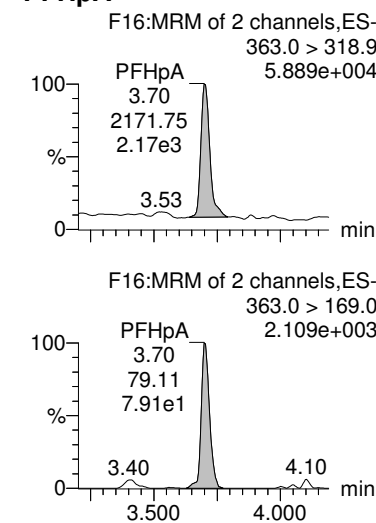
PFBS



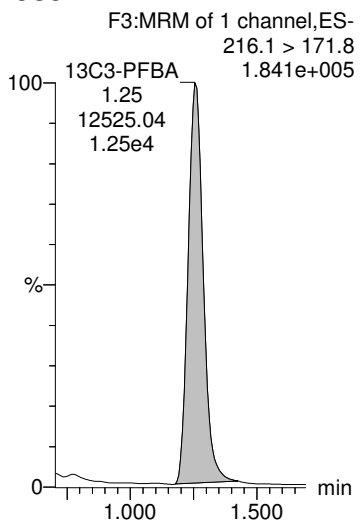
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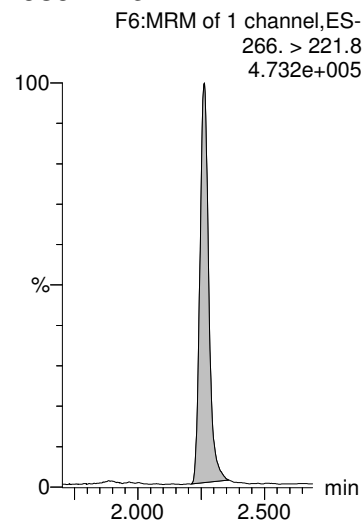
PFHpA



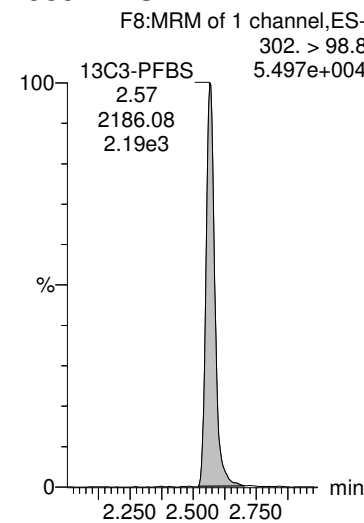
13C3-PFBA



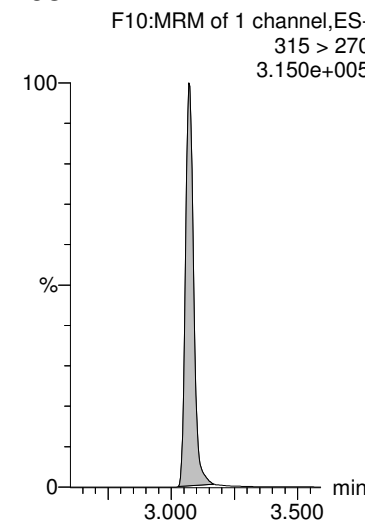
13C3-PFPeA



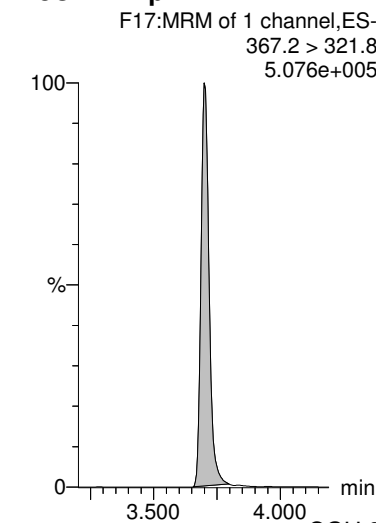
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



CGH 8/30/2018

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-49.qld

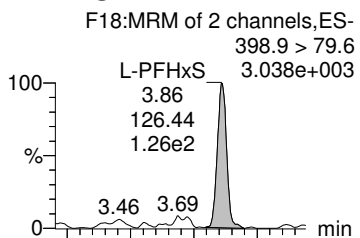
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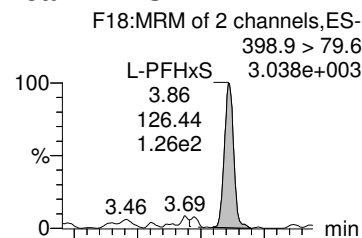
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Name: 180825M1_49, Date: 25-Aug-2018, Time: 22:01:21, ID: 1802094-16 GW01-072618 0.25129, Description: GW01-072618

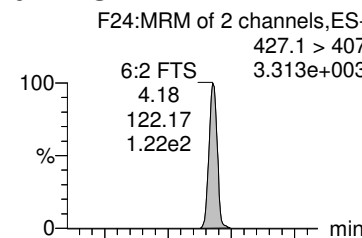
L-PFHxS



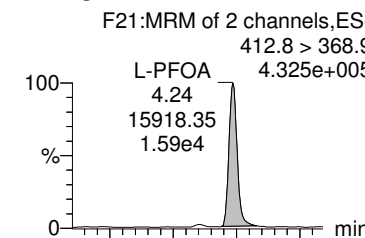
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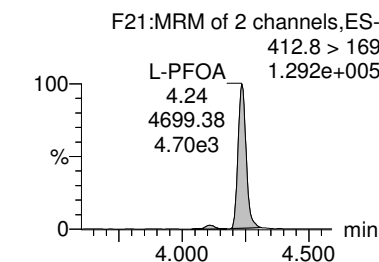
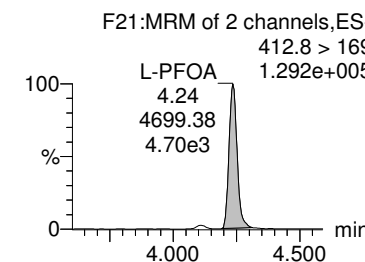
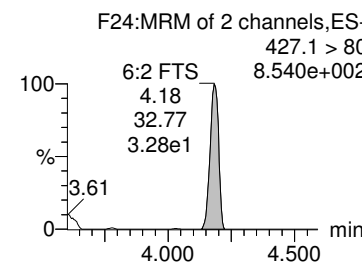
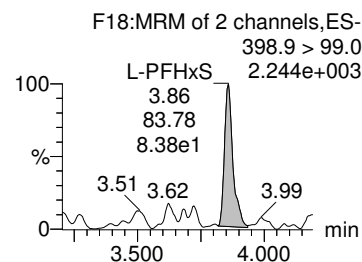
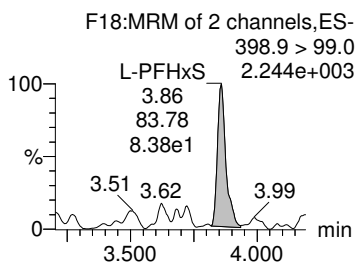
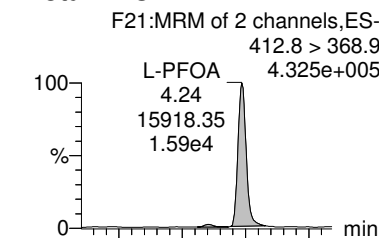
6:2 FTS



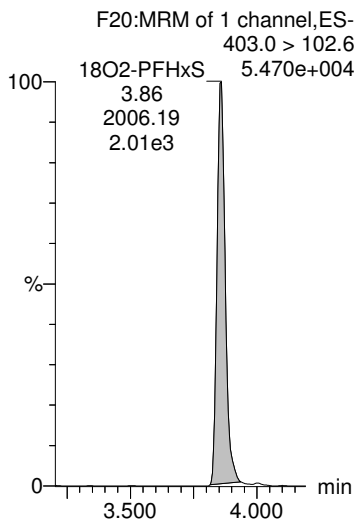
L-PFOA



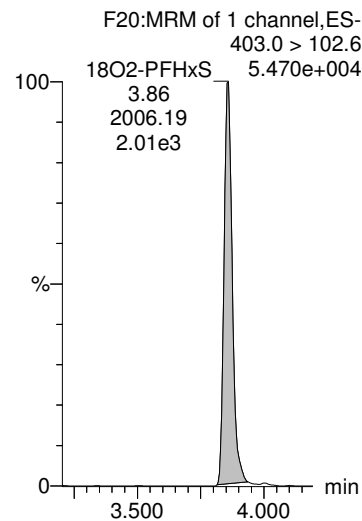
Total PFOA



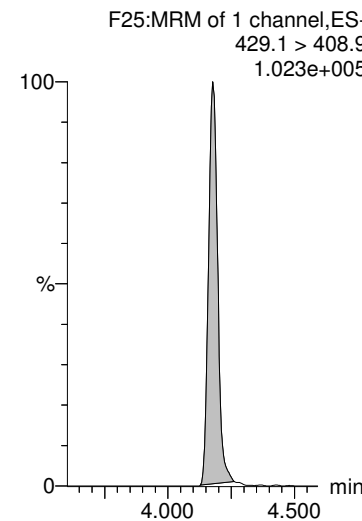
18O2-PFHxS



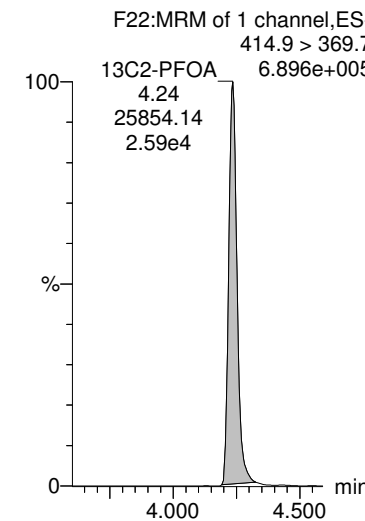
18O2-PFHxS



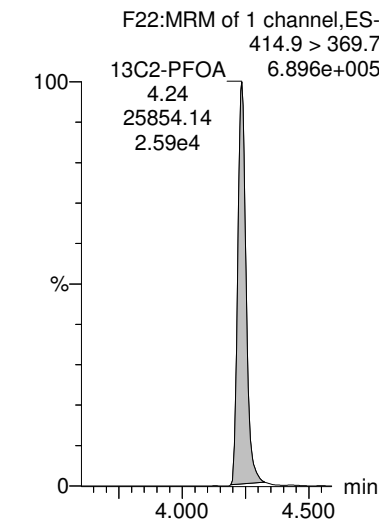
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-49.qld

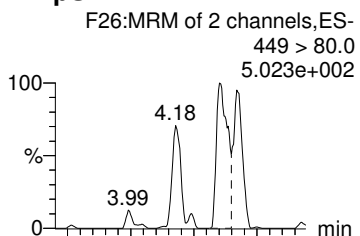
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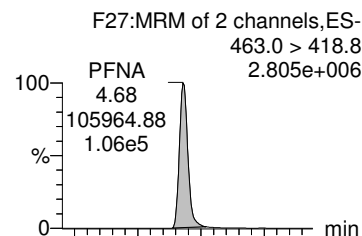
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Name: 180825M1_49, Date: 25-Aug-2018, Time: 22:01:21, ID: 1802094-16 GW01-072618 0.25129, Description: GW01-072618

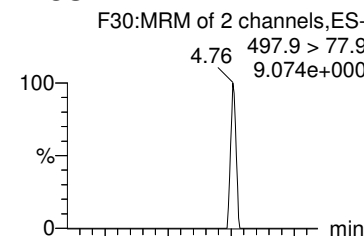
PFHpS



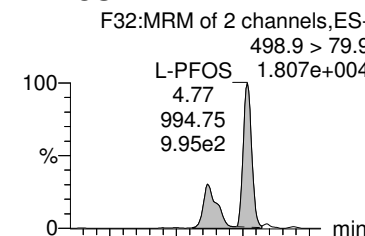
PFNA



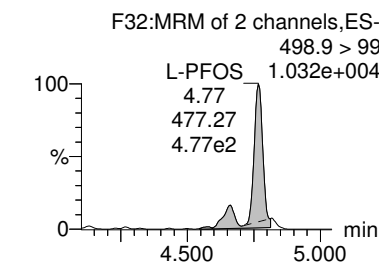
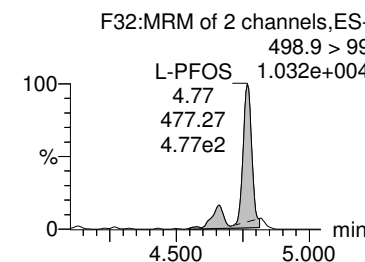
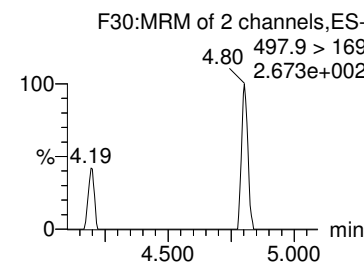
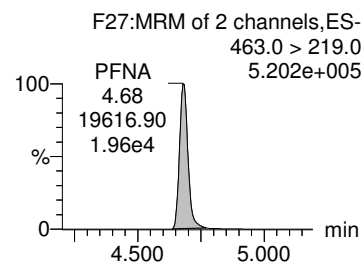
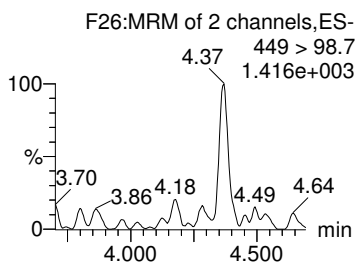
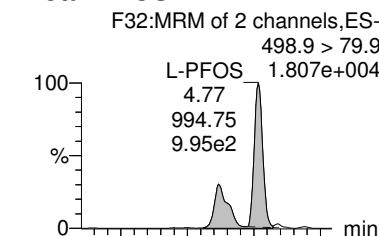
PFOSA



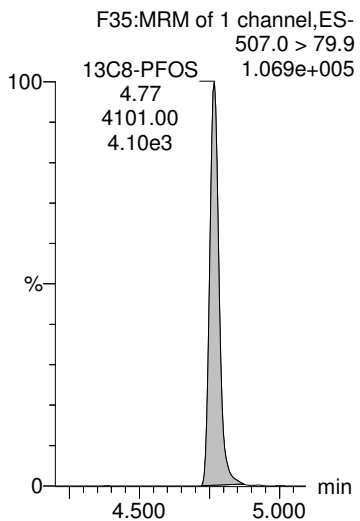
L-PFOS



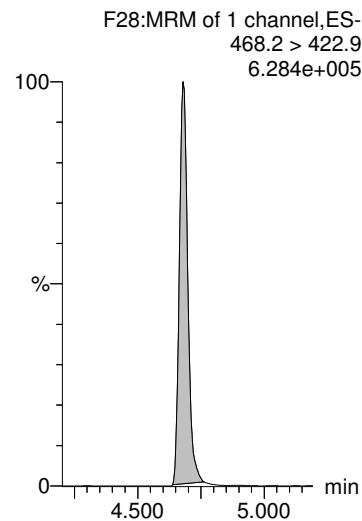
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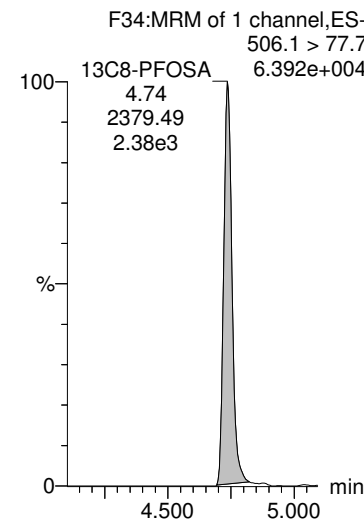
13C8-PFOS



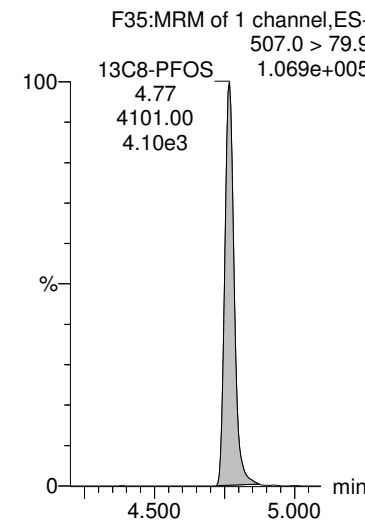
13C5-PFNA



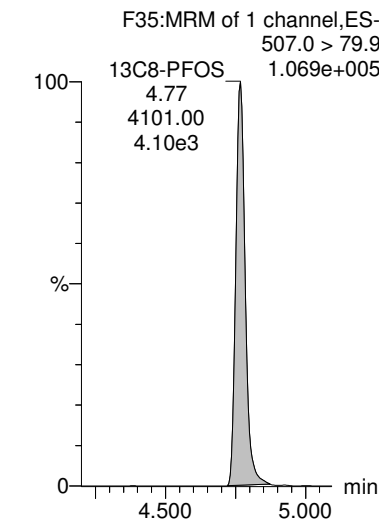
13C8-PFOSA



13C8-PFOS



13C8-PFOS



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-49.qld

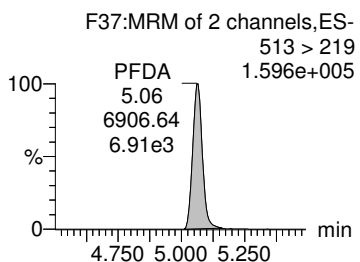
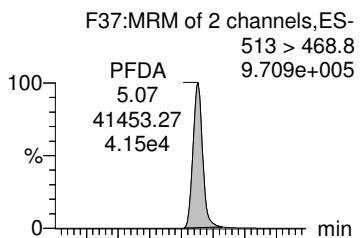
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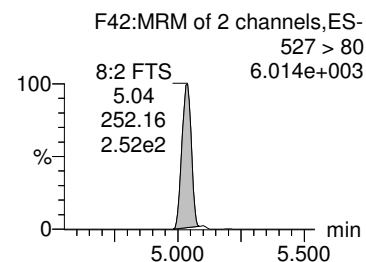
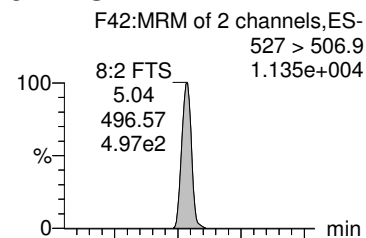
Printed: Thursday, August 30, 2018 15:12:40 Pacific Daylight Time

Name: 180825M1_49, Date: 25-Aug-2018, Time: 22:01:21, ID: 1802094-16 GW01-072618 0.25129, Description: GW01-072618

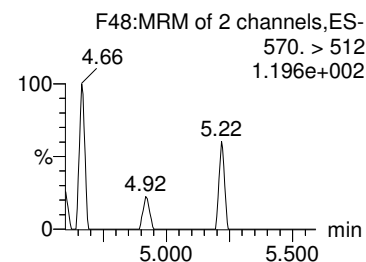
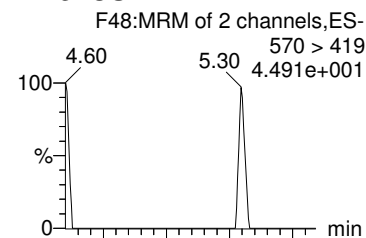
PFDA



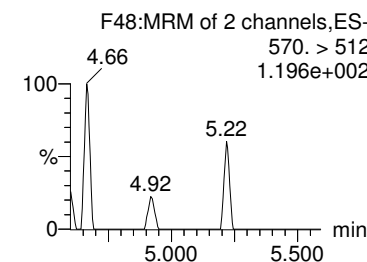
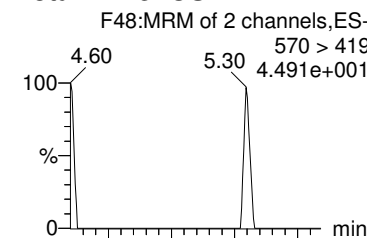
8:2 FTS



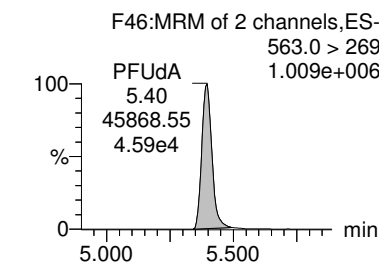
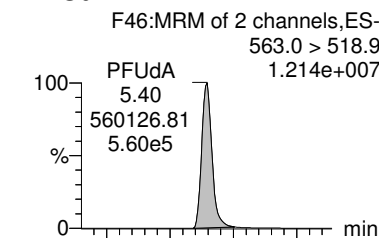
L-MeFOSAA



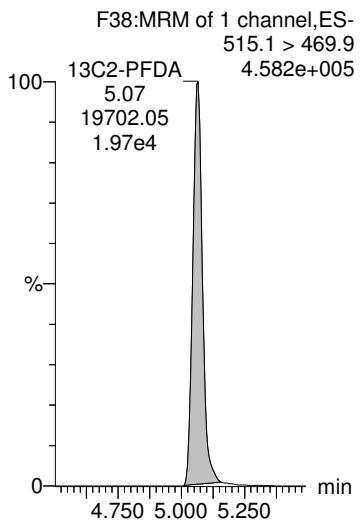
Total N-MeFOSAA



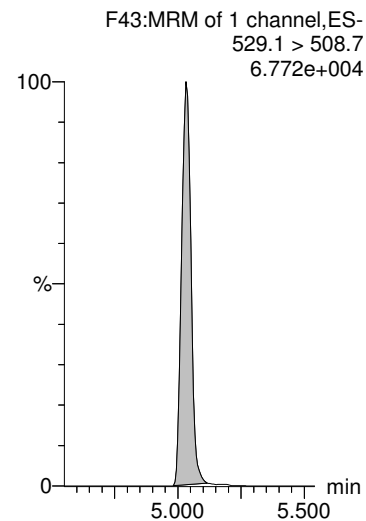
PFUdA



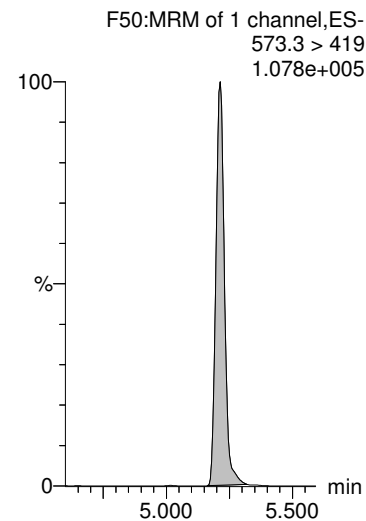
13C2-PFDA



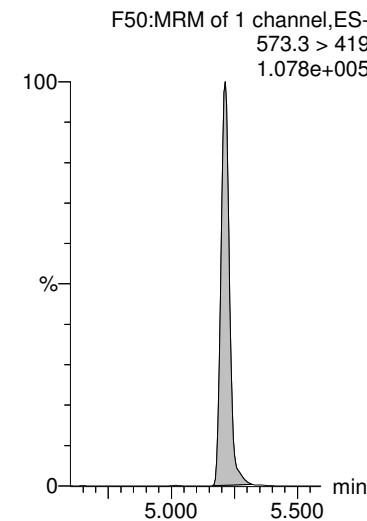
13C2-8:2 FTS



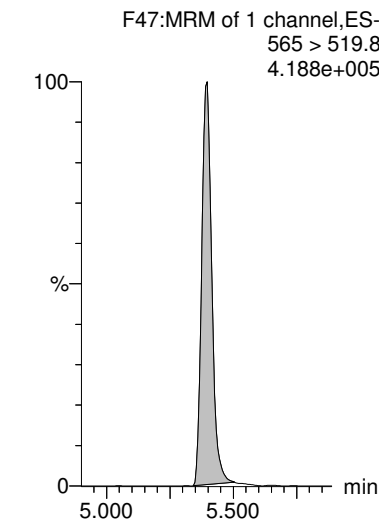
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



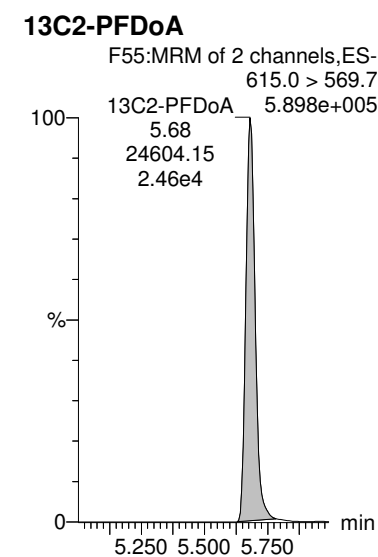
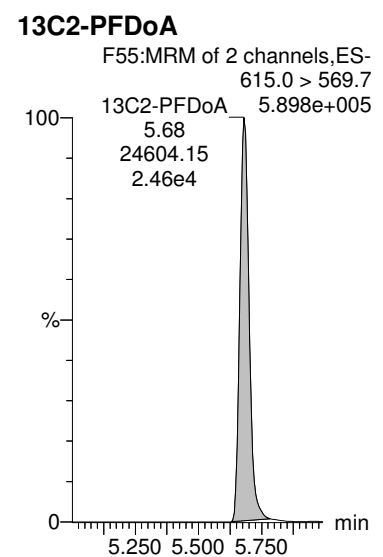
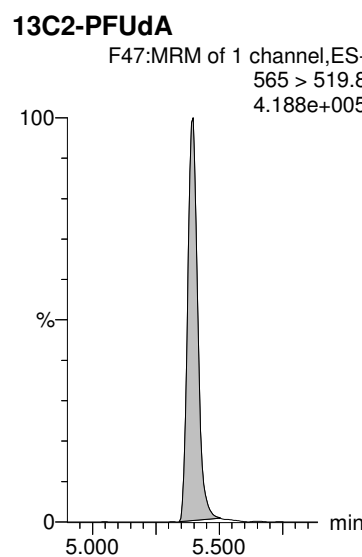
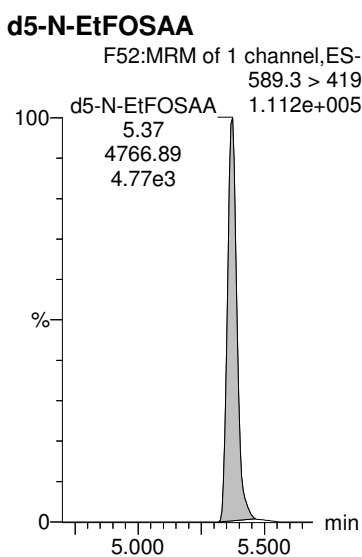
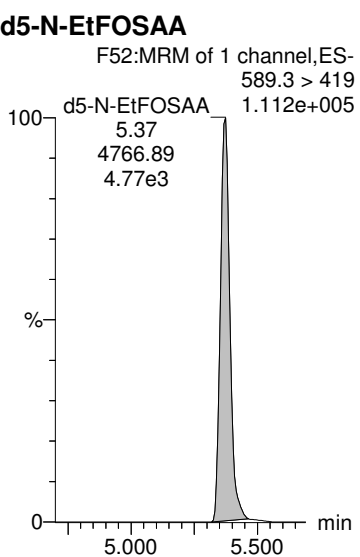
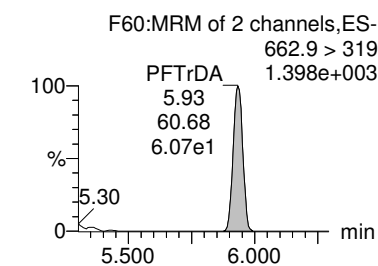
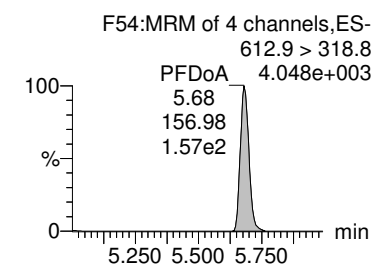
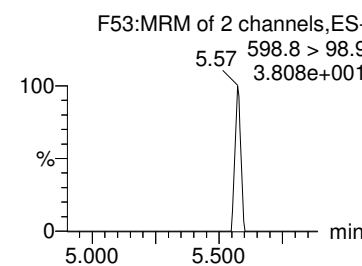
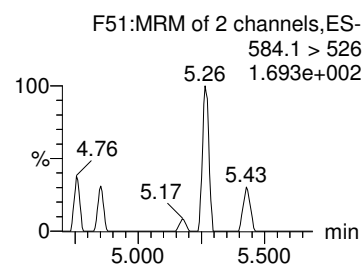
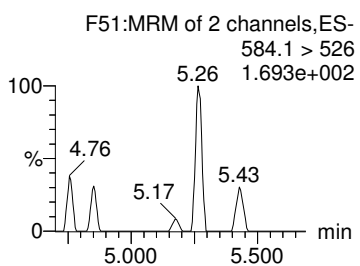
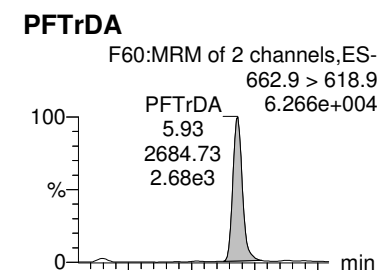
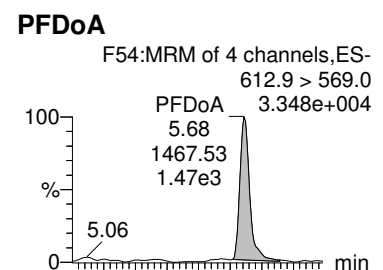
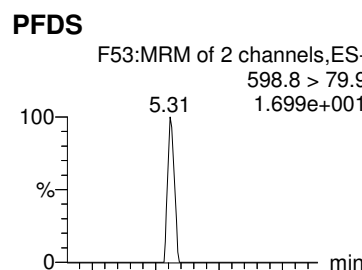
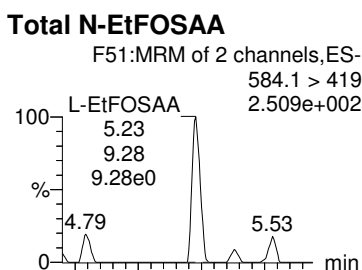
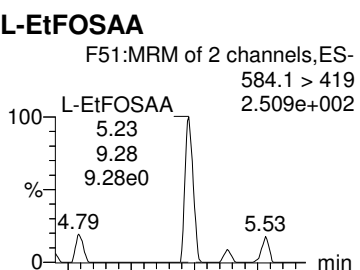
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Name: 180825M1_49, Date: 25-Aug-2018, Time: 22:01:21, ID: 1802094-16 GW01-072618 0.25129, Description: GW01-072618



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-49.qld

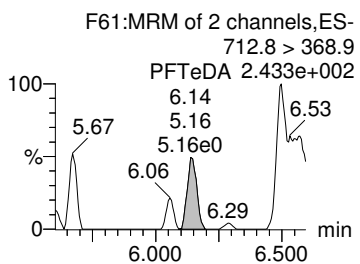
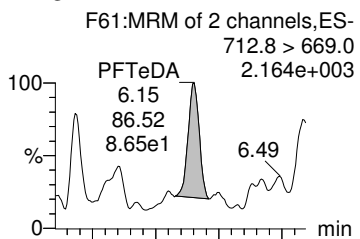
MMM 9/6/2018

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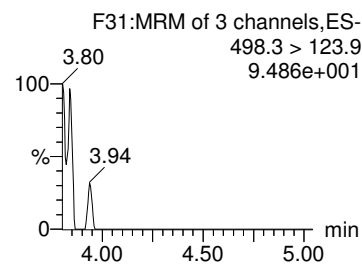
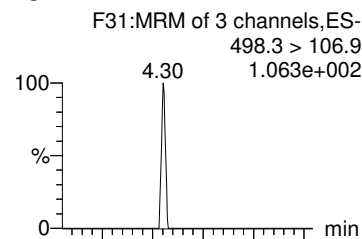
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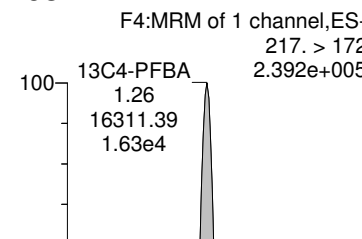
PFTeDA



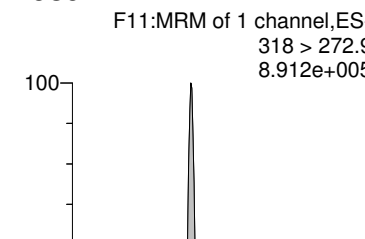
TCDA



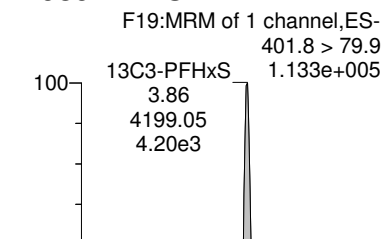
13C4-PFBA



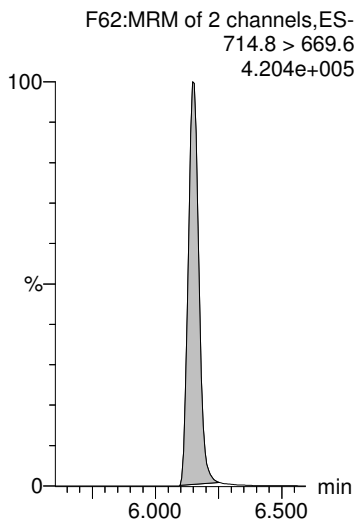
13C5-PFHxA



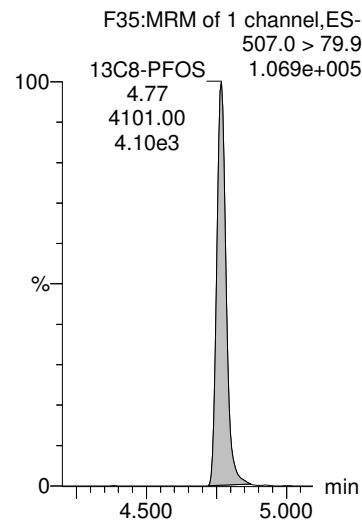
13C3-PFHxS



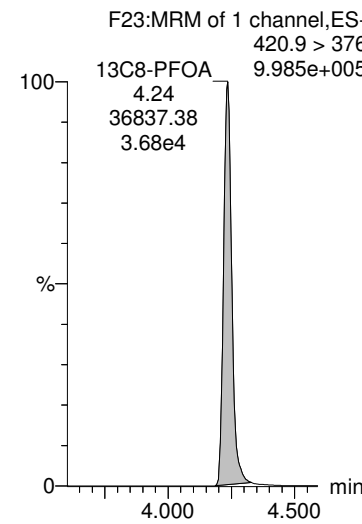
13C2-PFTeDA



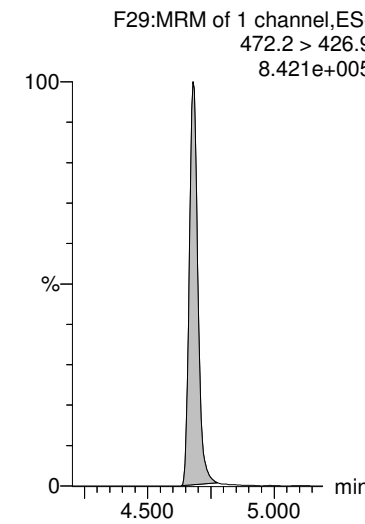
13C8-PFOS



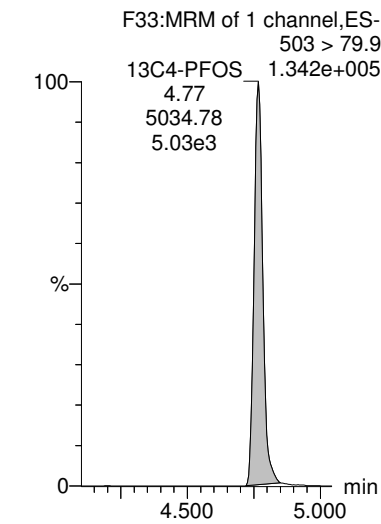
13C8-PFOA



13C9-PFNA



13C4-PFOS



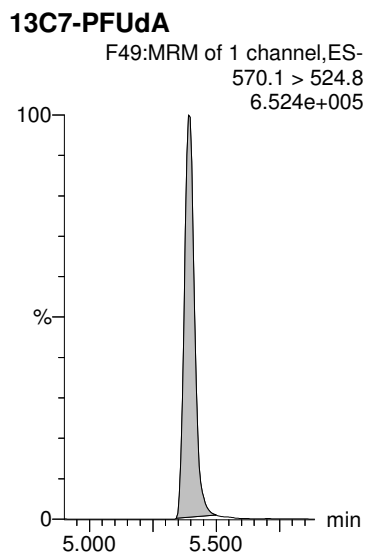
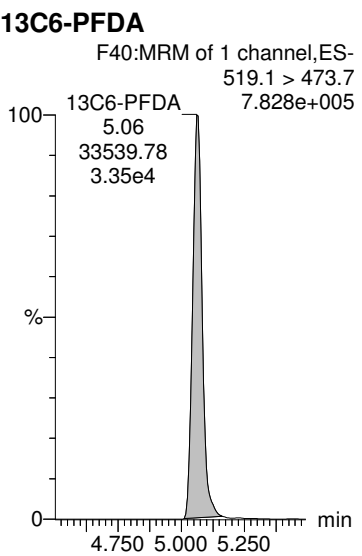
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Name: 180825M1_49, Date: 25-Aug-2018, Time: 22:01:21, ID: 1802094-16 GW01-072618 0.25129, Description: GW01-072618



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-50.qld

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Last Altered: Thursday, August 30, 2018 15:16:46 Pacific Daylight Time

Printed: Thursday, August 30, 2018 15:17:20 Pacific Daylight Time

Name: 180825M1_50, Date: 25-Aug-2018, Time: 22:11:59, ID: 1802094-17 SA-DUP-01-20180726 0.2609, Description: SA-DUP-01-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	5.98e2	1.08e4	0.261	0.000	1.27	0.693	2.2482			
2	2 PFPeA	263.1 > 21...	1.17e3	1.61e4	0.261	0.000	2.27	0.906	3.3936			
3	3 PFBS	299.0 > 79.7		2.11e3	0.261							
4	5 PFHxA	313 > 269	1.77e3	1.01e4	0.261	0.000	3.07	0.878	3.3550		15.9	NO
5	7 PFHpA	363.0 > 31...	1.43e3	1.60e4	0.261	0.000	3.70	1.12	3.5397		22.3	NO
6	36 13C3-PFBA	216.1 > 17...	1.08e4	1.41e4	0.261	0.767	1.27	9.59	44.4927	92.9		
7	37 13C3-PFPeA	266. > 221.8	1.61e4	2.90e4	0.261	0.555	2.27	6.93	41.5074	86.6		
8	38 13C3-PFBS	302. > 98.8	2.11e3	2.90e4	0.261	0.0728	2.57	0.910	53.5282	111.7		
9	40 13C2-PFHxA	315 > 270	1.01e4	2.90e4	0.261	0.867	3.07	4.34	17.1763	89.6		
10	41 13C4-PFHpA	367.2 > 32...	1.60e4	2.90e4	0.261	0.550	3.70	6.87	44.9910	93.9		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	7.32e1	1.67e3	0.261	0.000	3.86	0.549	1.1906		2.24	YES
13	68 Total PFHxS	398.9 > 79.6	7.32e1	1.67e3	0.261			0.549	1.1906			
14	10 6:2 FTS	427.1 > 407	3.79e1	3.40e3	0.261	0.000	4.19	0.139	0.3776		2.54	NO
15	11 L-PFOA	412.8 > 36...	3.67e3	2.02e4	0.261	0.000	4.24	2.27	6.6831		3.24	NO
16	69 Total PFOA	412.8 > 36...	3.80e3	2.02e4	0.261			2.27	6.6831			
17	42 18O2-PFHxS	403.0 > 10...	1.67e3	4.23e3	0.261	0.394	3.86	4.92	36.4525	76.1		
18	42 18O2-PFHxS	403.0 > 10...	1.67e3	4.23e3	0.261	0.394	3.86	4.92	36.4525	76.1		
19	43 13C2-6:2 FTS	429.1 > 40...	3.40e3	3.26e4	0.261	0.104	4.18	1.30	37.3748	78.0		
20	44 13C2-PFOA	414.9 > 36...	2.02e4	3.26e4	0.261	0.618	4.24	7.73	34.3575	71.7		
21	44 13C2-PFOA	414.9 > 36...	2.02e4	3.26e4	0.261	0.618	4.24	7.73	34.3575	71.7		
22	-1											
23	13 PFHpS	449 > 80.0		3.18e3	0.261							
24	14 PFNA	463.0 > 41...	2.35e4	1.73e4	0.261	0.000	4.68	17.0	54.6766		4.97	NO
25	15 PFOSA	497.9 > 77.9		1.51e3	0.261							
26	16 L-PFOS	498.9 > 79.9	1.88e2	3.18e3	0.261	0.000	4.77	0.741	2.7671		1.75	NO
27	70 Total PFOS	498.9 > 79.9	1.88e2	3.18e3	0.261			0.741	2.7671			
28	47 13C8-PFOS	507.0 > 79.9	3.18e3	4.38e3	0.261	0.727	4.77	9.08	32.7595	68.4		
29	45 13C5-PFNA	468.2 > 42...	1.73e4	2.71e4	0.261	0.636	4.68	7.95	31.7558	66.3		
30	46 13C8-PFOSA	506.1 > 77.7	1.51e3	3.25e4	0.261	0.0463	4.74	0.579	11.3391	23.7		
31	47 13C8-PFOS	507.0 > 79.9	3.18e3	4.38e3	0.261	0.727	4.77	9.08	32.7595	68.4		
32	47 13C8-PFOS	507.0 > 79.9	3.18e3	4.38e3	0.261	0.727	4.77	9.08	32.7595	68.4		
33	-1											
34	18 PFDA	513 > 468.8	1.90e3	1.54e4	0.261	0.000	5.06	1.55	4.5407		7.48	NO
35	19 8:2 FTS	527 > 506.9	4.22e1	2.09e3	0.261	0.000	5.04	0.253	0.4314		28.1	YES
36	21 L-MeFOSAA	570 > 419		3.51e3	0.261							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	3.51e3	0.261			0.000				

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Name: 180825M1_50, Date: 25-Aug-2018, Time: 22:11:59, ID: 1802094-17 SA-DUP-01-20180726 0.2609, Description: SA-DUP-01-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	2.36e4	1.70e4	0.261	0.000	5.39	17.3	70.5567		13.3	NO
39	48 13C2-PFDA	515.1 > 46...	1.54e4	3.04e4	0.261	0.505	5.06	6.32	25.6700	53.6		
40	49 13C2-8:2 FTS	529.1 > 50...	2.09e3	3.26e4	0.261	0.0641	5.03	0.801	29.2773	61.1		
41	50 d3-N-MeFOSAA	573.3 > 419	3.51e3	3.25e4	0.261	0.108	5.21	1.35	22.7949	47.6		
42	50 d3-N-MeFOSAA	573.3 > 419	3.51e3	3.25e4	0.261	0.108	5.21	1.35	22.7949	47.6		
43	51 13C2-PFUdA	565 > 519.8	1.70e4	3.25e4	0.261	0.522	5.39	6.53	24.8353	51.8		
44	-1											
45	23 L-EtFOSAA	584.1 > 419	3.19e1	4.19e3	0.261	0.000	5.38	0.0952	0.5296		0.335	YES
46	72 Total N-EtFOSAA	584.1 > 419	3.19e1	4.19e3	0.261			0.0952	0.5296			
47	26 PFDS	598.8 > 79.9		3.18e3	0.261							
48	27 PFDoA	612.9 > 56...		1.86e4	0.261							
49	29 PFTrDA	662.9 > 61...		1.86e4	0.261							
50	52 d5-N-EtFOSAA	589.3 > 419	4.19e3	3.25e4	0.261	0.129	5.37	1.61	25.0660	52.3		
51	52 d5-N-EtFOSAA	589.3 > 419	4.19e3	3.25e4	0.261	0.129	5.37	1.61	25.0660	52.3		
52	51 13C2-PFUdA	565 > 519.8	1.70e4	3.25e4	0.261	0.522	5.39	6.53	24.8353	51.8		
53	53 13C2-PFDoA	615.0 > 56...	1.86e4	3.04e4	0.261	0.611	5.68	7.64	25.6244	53.5		
54	53 13C2-PFDoA	615.0 > 56...	1.86e4	3.04e4	0.261	0.611	5.68	7.64	25.6244	53.5		
55	-1											
56	30 PFTeDA	712.8 > 66...		1.48e4	0.261							
57	73 TCDA	498.3>106.9			0.261							
58	60 13C4-PFBA	217. > 172	1.41e4	1.41e4	0.261	1.00	1.26	12.5	47.9111	100.0		
59	61 13C5-PFHxA	318 > 272.9	2.90e4	2.90e4	0.261	1.00	3.07	12.5	47.9111	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.23e3	4.23e3	0.261	1.00	3.86	12.5	47.9111	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	1.48e4	3.25e4	0.261	0.454	6.15	5.67	30.0759	62.8		
62	47 13C8-PFOS	507.0 > 79.9	3.18e3	4.38e3	0.261	0.727	4.77	9.08	32.7595	68.4		
63	63 13C8-PFOA	420.9 > 376	3.26e4	3.26e4	0.261	1.00	4.24	12.5	47.9111	100.0		
64	64 13C9-PFNA	472.2 > 42...	2.71e4	2.71e4	0.261	1.00	4.68	12.5	47.9111	100.0		
65	65 13C4-PFOS	503 > 79.9	4.38e3	4.38e3	0.261	1.00	4.77	12.5	47.9111	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.04e4	3.04e4	0.261	1.00	5.06	12.5	47.9111	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.25e4	3.25e4	0.261	1.00	5.39	12.5	47.9111	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-50.qld

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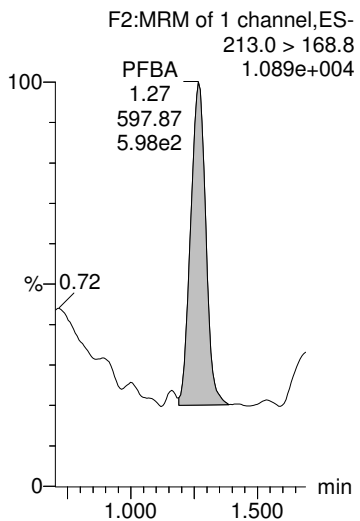
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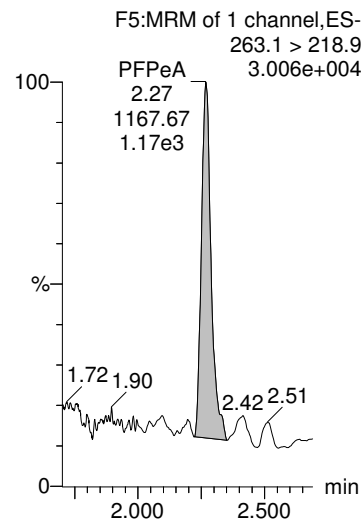
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Name: 180825M1_50, Date: 25-Aug-2018, Time: 22:11:59, ID: 1802094-17 SA-DUP-01-20180726 0.2609, Description: SA-DUP-01-20180726

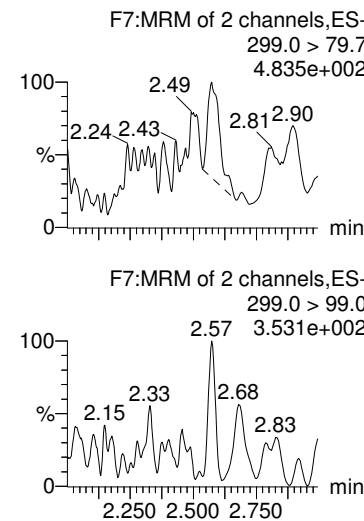
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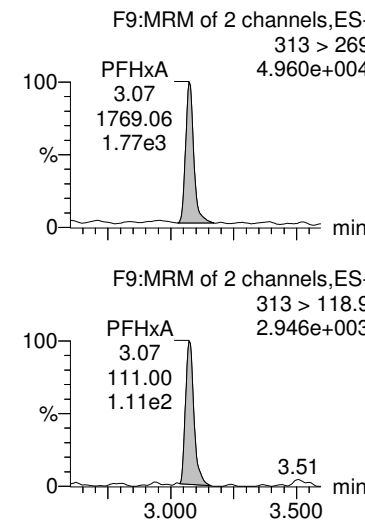
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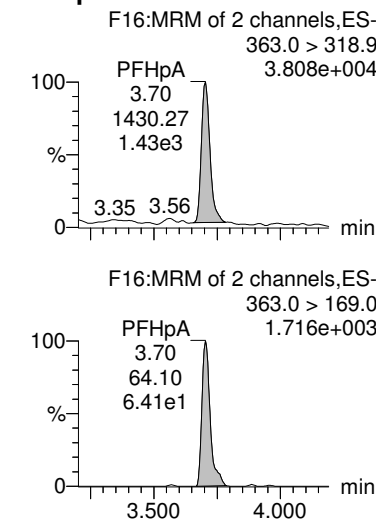
PFBS



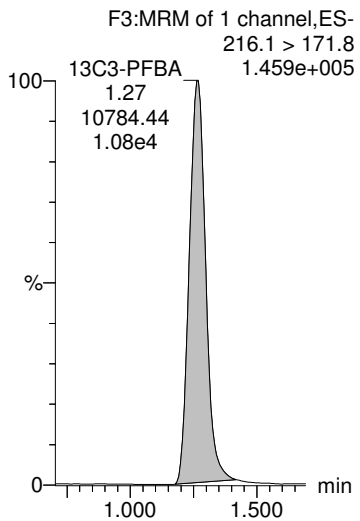
PFHxA



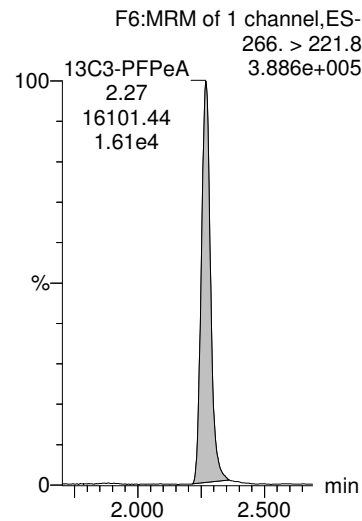
PFHpA



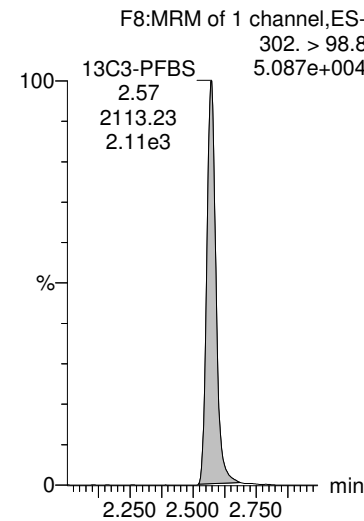
13C3-PFBA



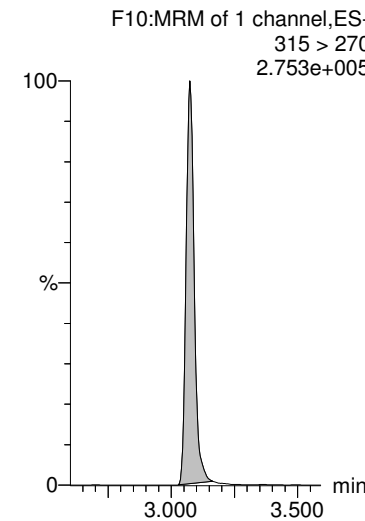
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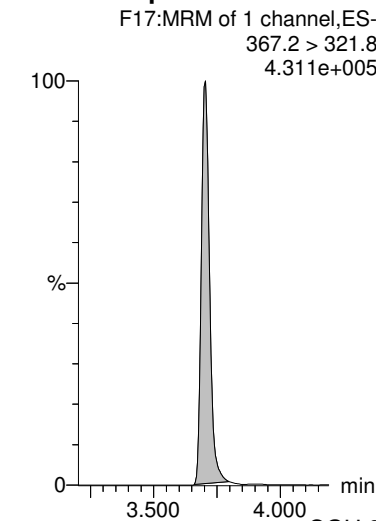
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



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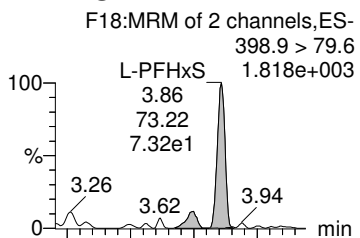
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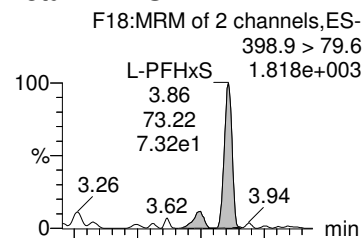
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Name: 180825M1_50, Date: 25-Aug-2018, Time: 22:11:59, ID: 1802094-17 SA-DUP-01-20180726 0.2609, Description: SA-DUP-01-20180726

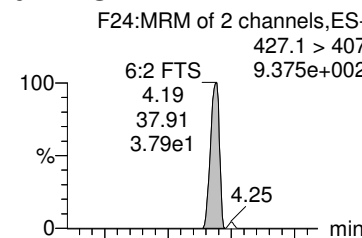
L-PFHxS



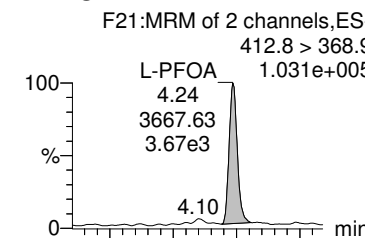
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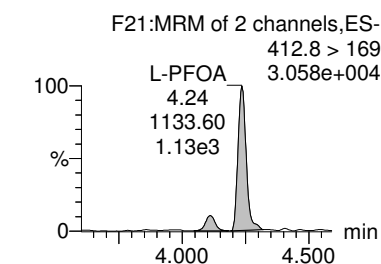
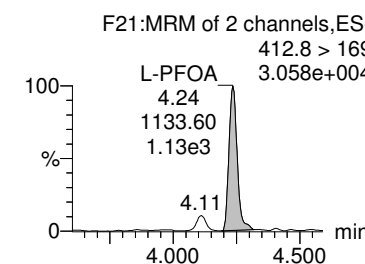
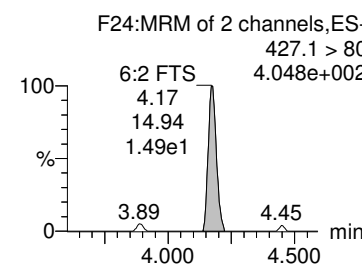
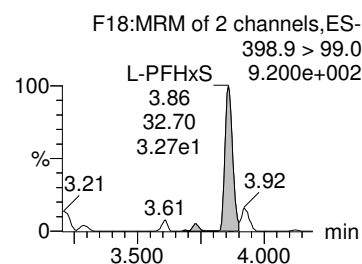
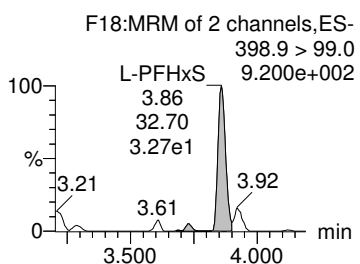
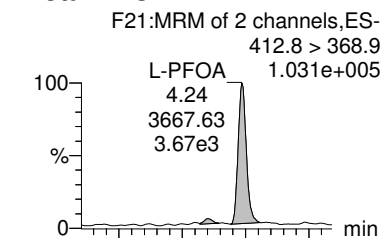
6:2 FTS



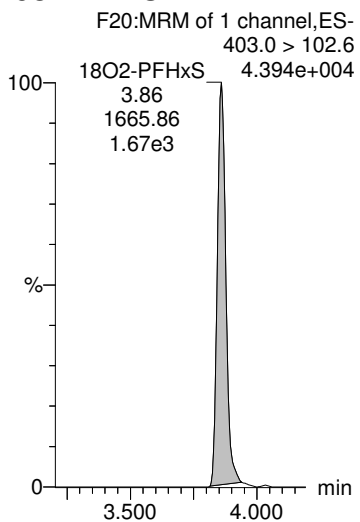
L-PFOA



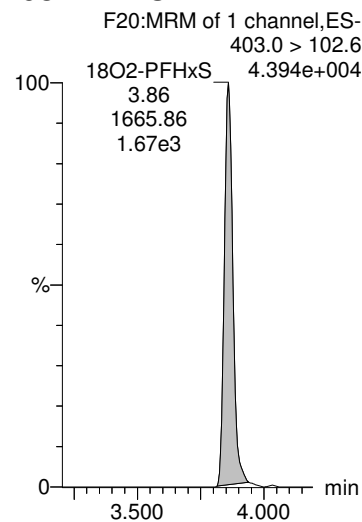
Total PFOA



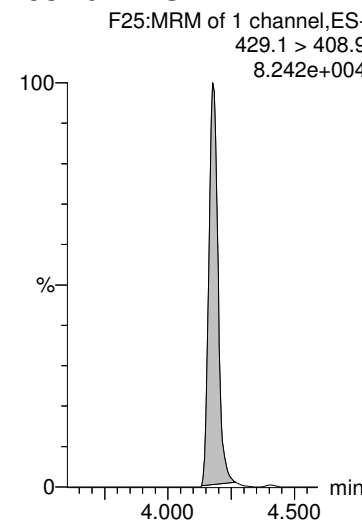
18O2-PFHxS



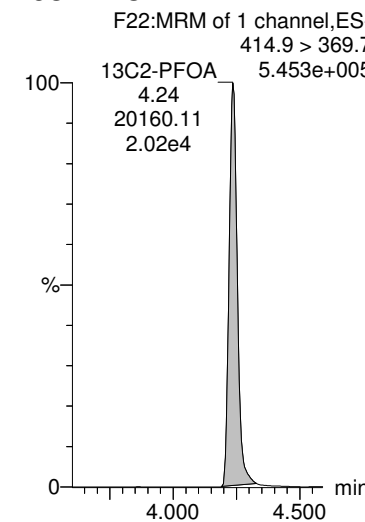
18O2-PFHxS



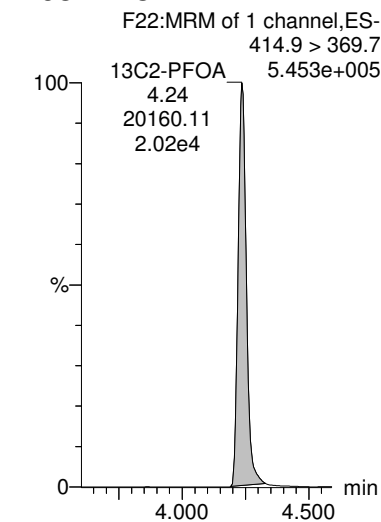
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



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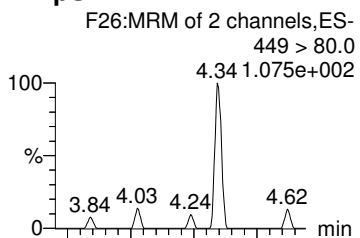
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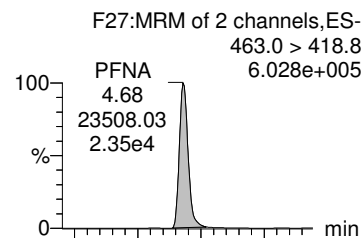
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Name: 180825M1_50, Date: 25-Aug-2018, Time: 22:11:59, ID: 1802094-17 SA-DUP-01-20180726 0.2609, Description: SA-DUP-01-20180726

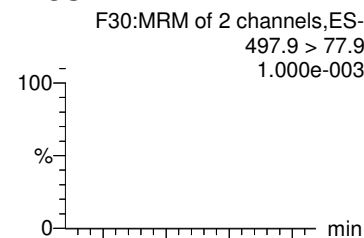
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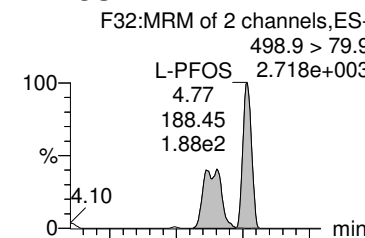
PFNA



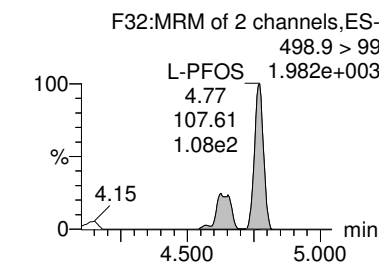
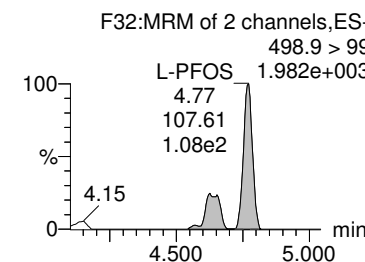
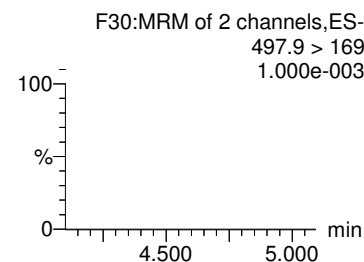
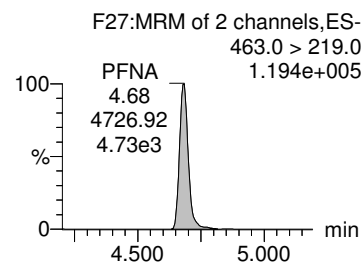
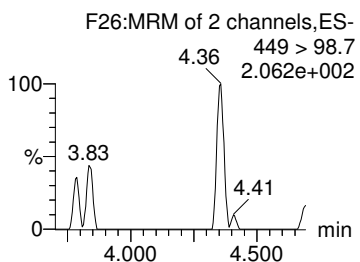
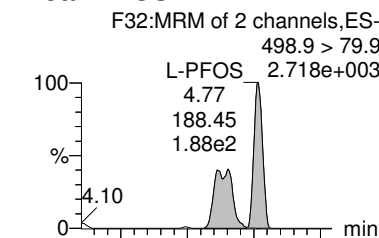
PFOSA



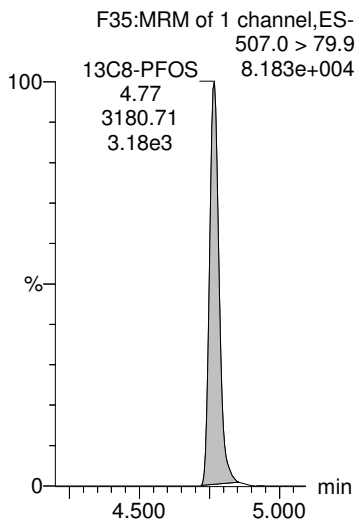
L-PFOS



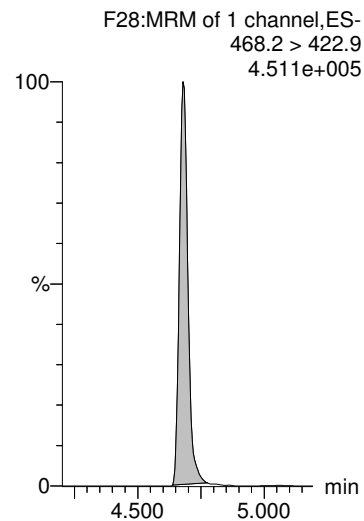
Total PFOS



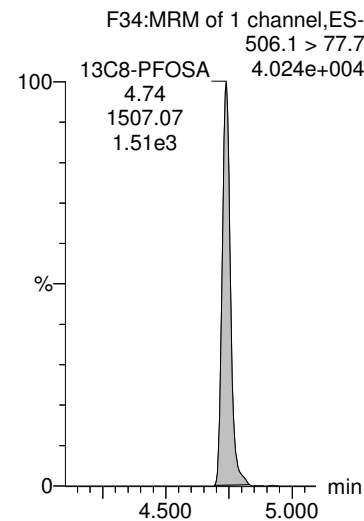
13C8-PFOS



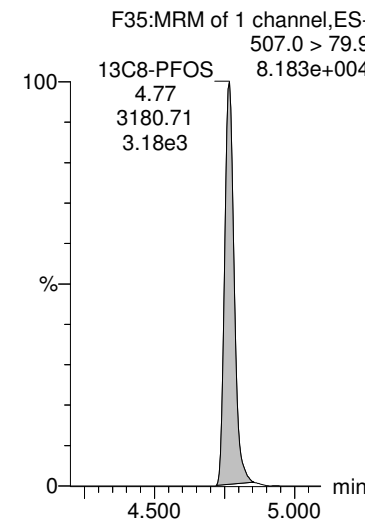
13C5-PFNA



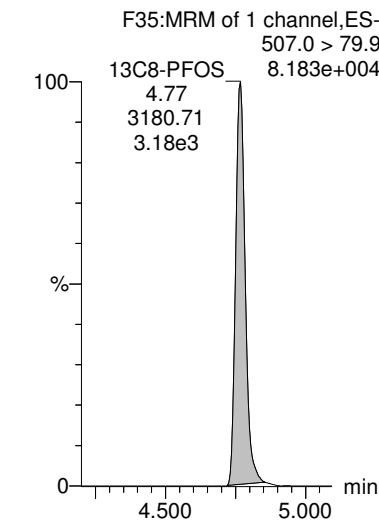
13C8-PFOSA



13C8-PFOS



13C8-PFOS



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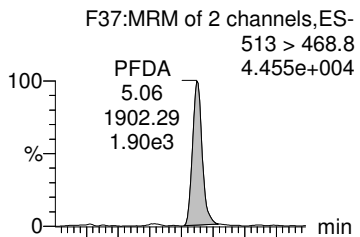
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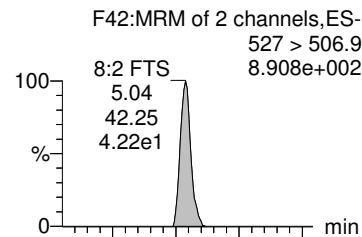
Printed: Thursday, August 30, 2018 15:17:20 Pacific Daylight Time

Name: 180825M1_50, Date: 25-Aug-2018, Time: 22:11:59, ID: 1802094-17 SA-DUP-01-20180726 0.2609, Description: SA-DUP-01-20180726

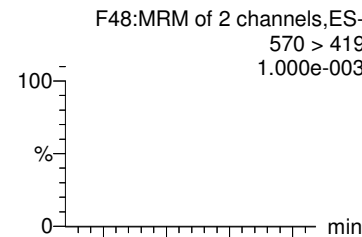
PFDA



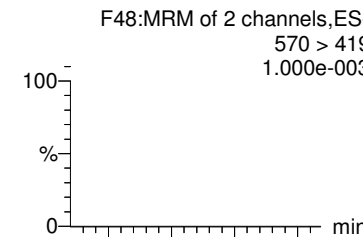
8:2 FTS



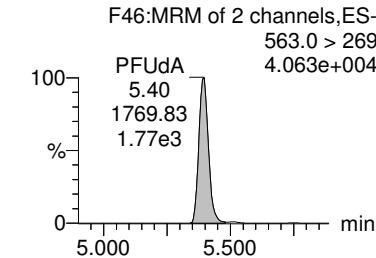
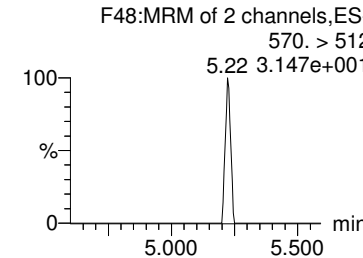
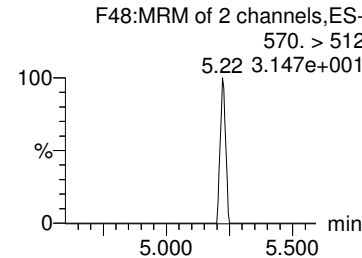
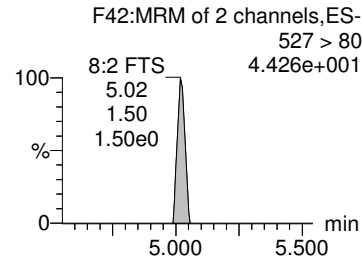
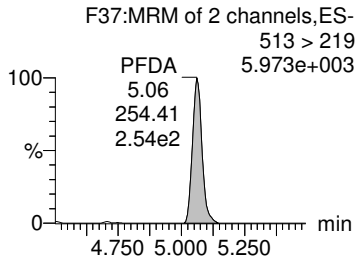
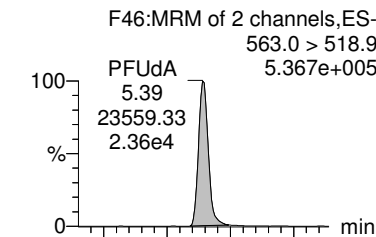
L-MeFOSAA



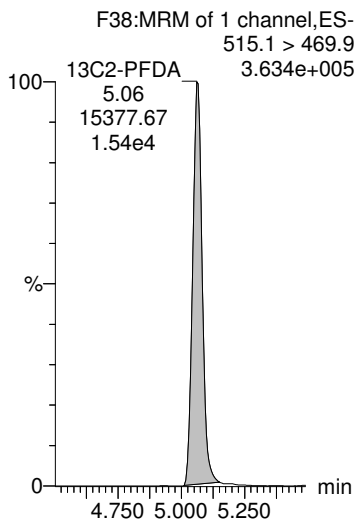
Total N-MeFOSAA



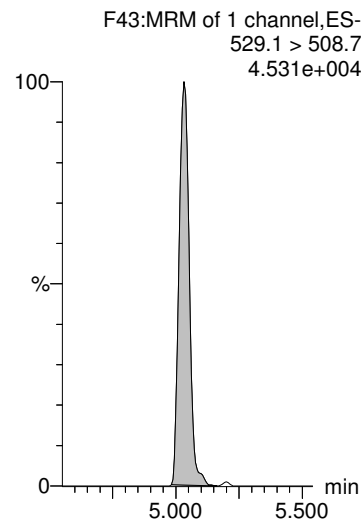
PFUdA



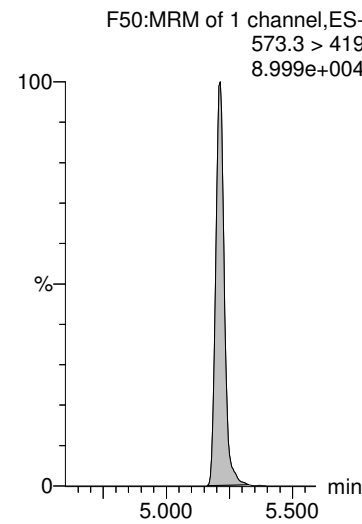
13C2-PFDA



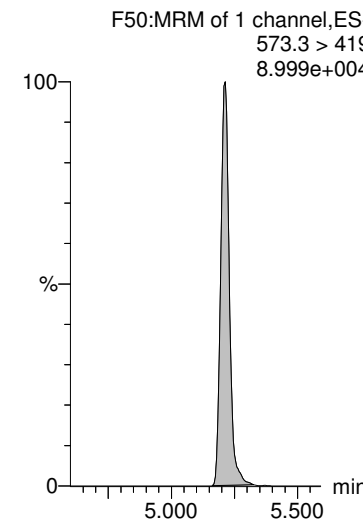
13C2-8:2 FTS



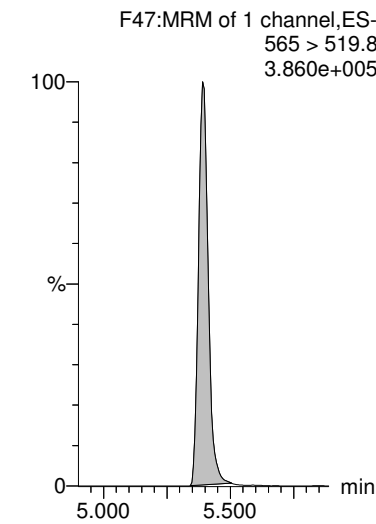
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



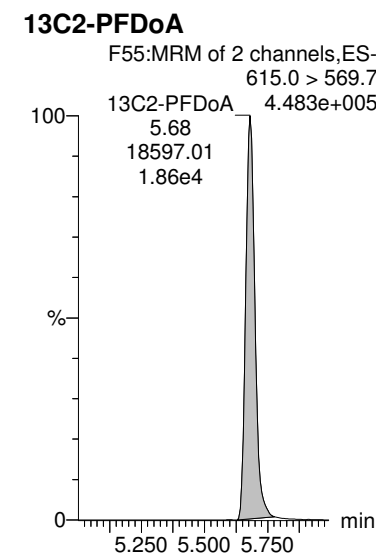
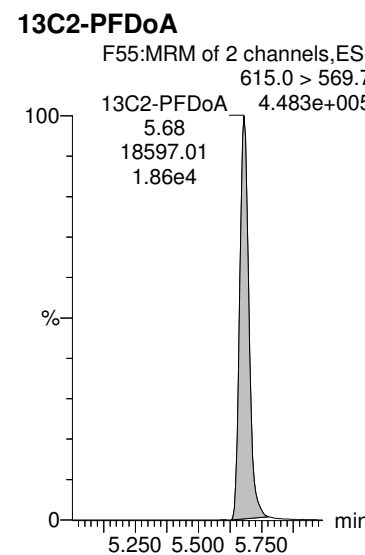
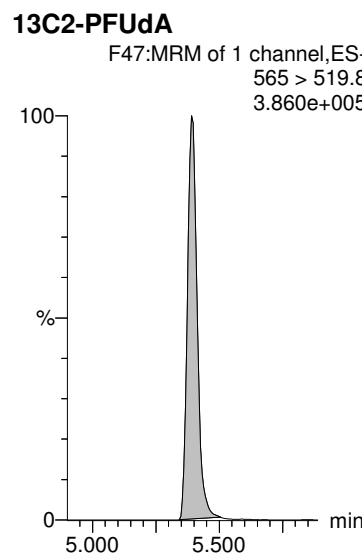
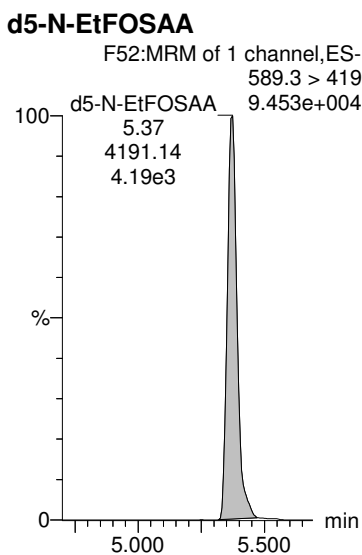
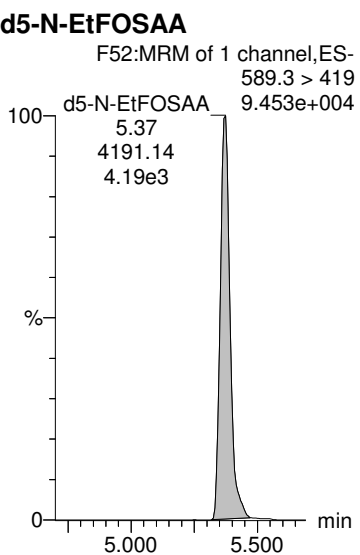
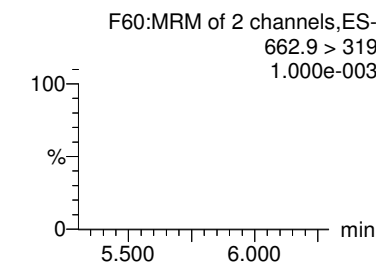
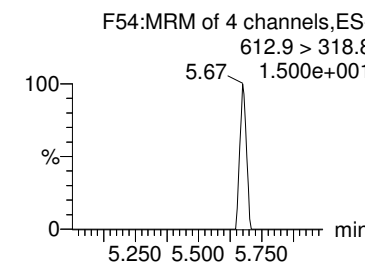
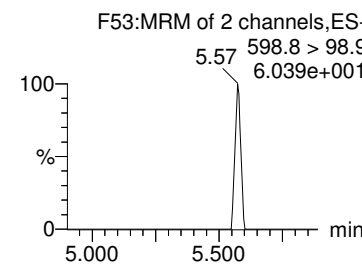
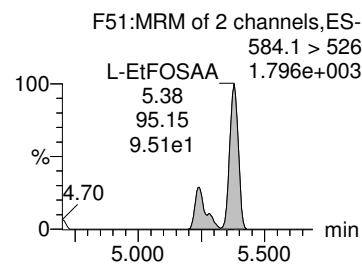
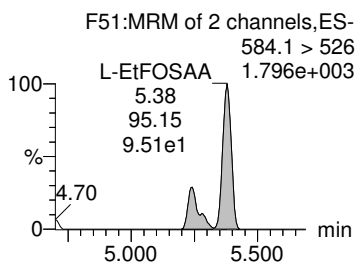
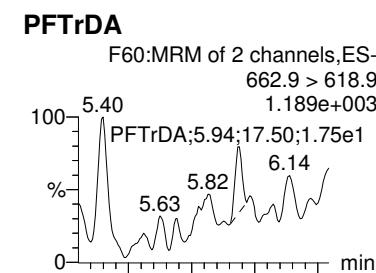
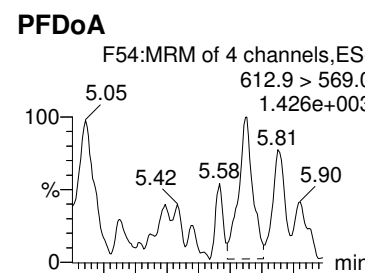
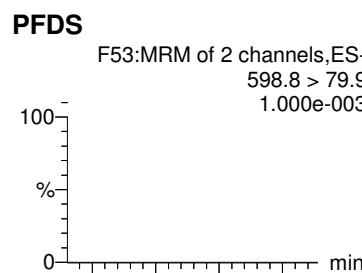
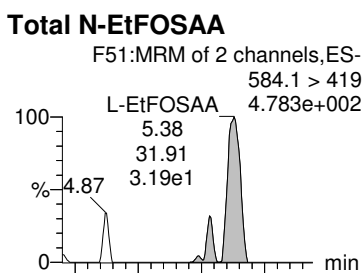
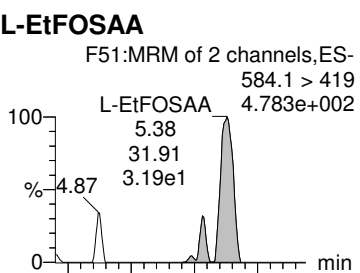
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Printed: Thursday, August 30, 2018 15:17:20 Pacific Daylight Time

Name: 180825M1_50, Date: 25-Aug-2018, Time: 22:11:59, ID: 1802094-17 SA-DUP-01-20180726 0.2609, Description: SA-DUP-01-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-50.qld

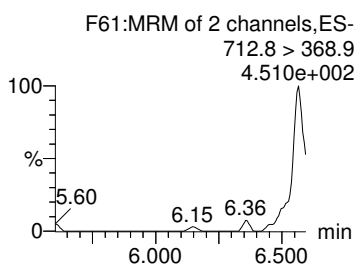
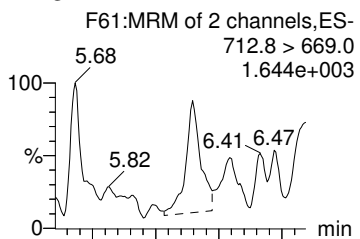
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Last Altered: Thursday, August 30, 2018 15:16:46 Pacific Daylight Time

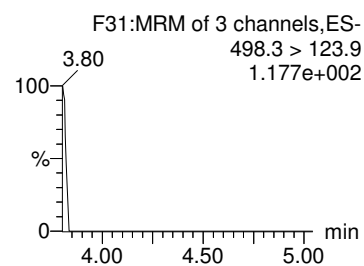
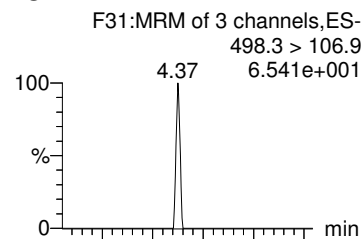
Printed: Thursday, August 30, 2018 15:17:20 Pacific Daylight Time

Name: 180825M1_50, Date: 25-Aug-2018, Time: 22:11:59, ID: 1802094-17 SA-DUP-01-20180726 0.2609, Description: SA-DUP-01-20180726

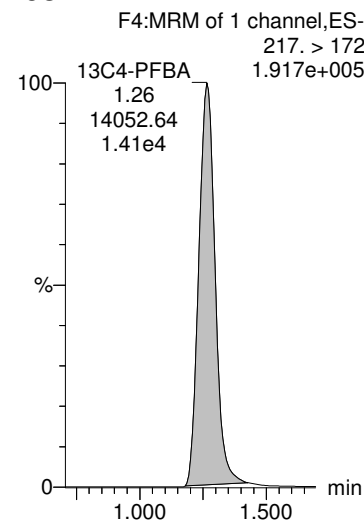
PFTeDA



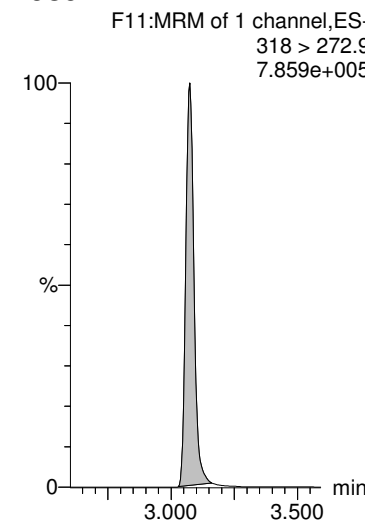
TCDA



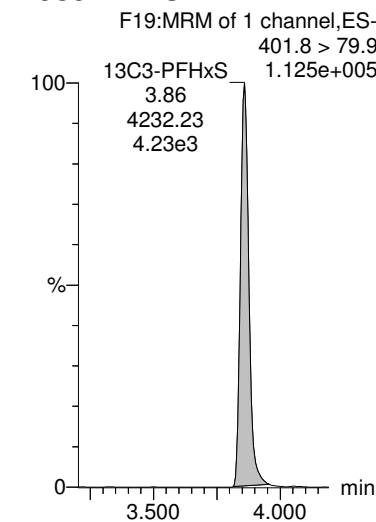
13C4-PFBA



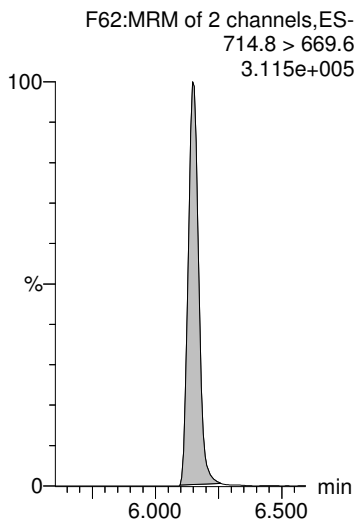
13C5-PFHxA



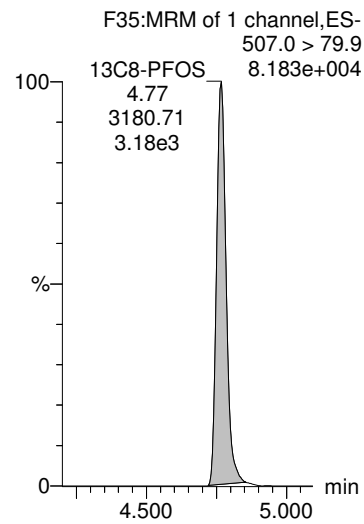
13C3-PFHxS



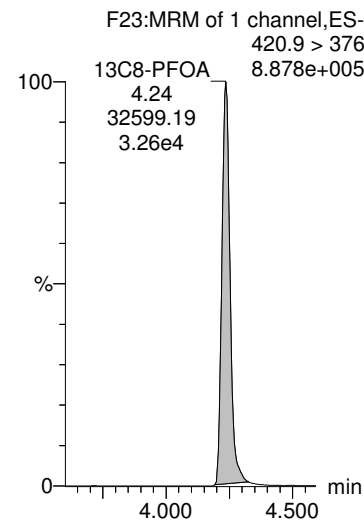
13C2-PFTeDA



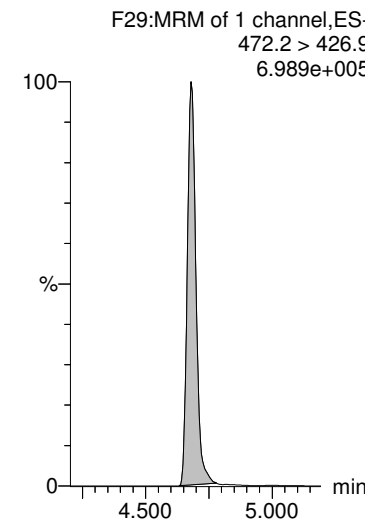
13C8-PFOS



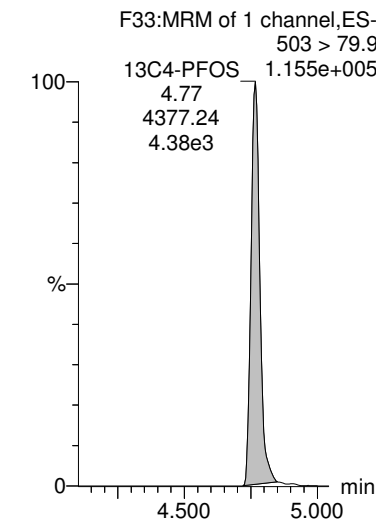
13C8-PFOA



13C9-PFNA



13C4-PFOS



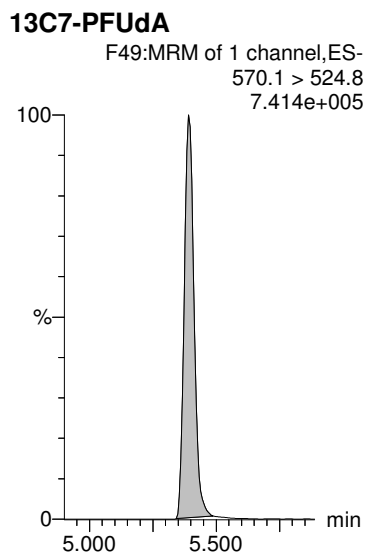
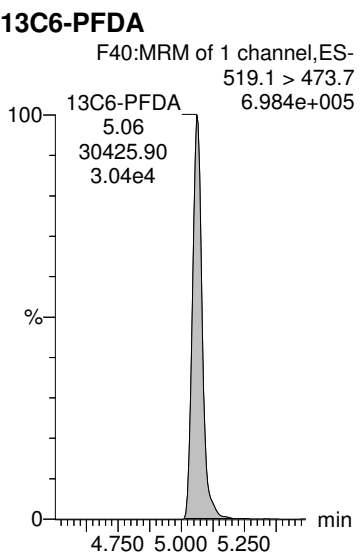
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Last Altered: Thursday, August 30, 2018 15:16:46 Pacific Daylight Time

Printed: Thursday, August 30, 2018 15:17:20 Pacific Daylight Time

Name: 180825M1_50, Date: 25-Aug-2018, Time: 22:11:59, ID: 1802094-17 SA-DUP-01-20180726 0.2609, Description: SA-DUP-01-20180726



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-51.qld

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Last Altered: Thursday, August 30, 2018 15:20:45 Pacific Daylight Time

Printed: Thursday, August 30, 2018 15:21:12 Pacific Daylight Time

Name: 180825M1_51, Date: 25-Aug-2018, Time: 22:22:37, ID: 1802094-18 EB02-072718 0.11695, Description: EB02-072718

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...		1.38e4	0.117							
2	2 PFPeA	263.1 > 21...		2.11e4	0.117							
3	3 PFBS	299.0 > 79.7		2.56e3	0.117							
4	5 PFHxA	313 > 269	3.59e1	1.26e4	0.117	0.000	3.07	0.0142			15.3	NO
5	7 PFHpA	363.0 > 31...		1.96e4	0.117							
6	36 13C3-PFBA	216.1 > 17...	1.38e4	1.65e4	0.117	0.831	1.26	10.4	107.5385	100.6		
7	37 13C3-PFPeA	266. > 221.8	2.11e4	3.33e4	0.117	0.634	2.27	7.92	105.8420	99.0		
8	38 13C3-PFBS	302. > 98.8	2.56e3	3.33e4	0.117	0.0770	2.57	0.963	126.3936	118.3		
9	40 13C2-PFHxA	315 > 270	1.26e4	3.33e4	0.117	0.948	3.07	4.74	41.8933	98.0		
10	41 13C4-PFHpA	367.2 > 32...	1.96e4	3.33e4	0.117	0.590	3.70	7.38	107.8224	100.9		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	1.01e1	2.38e3	0.117	0.000	3.85	0.0530	0.1955		3.29	YES
13	68 Total PFHxS	398.9 > 79.6	1.01e1	2.38e3	0.117			0.0530	0.1955			
14	10 6:2 FTS	427.1 > 407	1.89e1	4.78e3	0.117	0.000	4.17	0.0494	0.0880		4.96	YES
15	11 L-PFOA	412.8 > 36...		2.73e4	0.117							
16	69 Total PFOA	412.8 > 36...	0.00e0	2.73e4	0.117			0.000				
17	42 18O2-PFHxS	403.0 > 10...	2.38e3	4.56e3	0.117	0.522	3.86	6.52	107.8233	100.9		
18	42 18O2-PFHxS	403.0 > 10...	2.38e3	4.56e3	0.117	0.522	3.86	6.52	107.8233	100.9		
19	43 13C2-6:2 FTS	429.1 > 40...	4.78e3	3.46e4	0.117	0.138	4.18	1.73	110.4218	103.3		
20	44 13C2-PFOA	414.9 > 36...	2.73e4	3.46e4	0.117	0.788	4.24	9.85	97.6717	91.4		
21	44 13C2-PFOA	414.9 > 36...	2.73e4	3.46e4	0.117	0.788	4.24	9.85	97.6717	91.4		
22	-1											
23	13 PFHpS	449 > 80.0		5.16e3	0.117							
24	14 PFNA	463.0 > 41...		2.50e4	0.117							
25	15 PFOSA	497.9 > 77.9		2.33e3	0.117							
26	16 L-PFOS	498.9 > 79.9		5.16e3	0.117							
27	70 Total PFOS	498.9 > 79.9	0.00e0	5.16e3	0.117			0.000				
28	47 13C8-PFOS	507.0 > 79.9	5.16e3	5.02e3	0.117	1.03	4.77	12.8	103.2459	96.6		
29	45 13C5-PFNA	468.2 > 42...	2.50e4	3.20e4	0.117	0.782	4.68	9.77	87.0197	81.4		
30	46 13C8-PFOSA	506.1 > 77.7	2.33e3	3.66e4	0.117	0.0635	4.74	0.794	34.6732	32.4		
31	47 13C8-PFOS	507.0 > 79.9	5.16e3	5.02e3	0.117	1.03	4.77	12.8	103.2459	96.6		
32	47 13C8-PFOS	507.0 > 79.9	5.16e3	5.02e3	0.117	1.03	4.77	12.8	103.2459	96.6		
33	-1											
34	18 PFDA	513 > 468.8	6.20e1	2.39e4	0.117	0.000	5.06	0.0324			35.9	YES
35	19 8:2 FTS	527 > 506.9		3.54e3	0.117							
36	21 L-MeFOSAA	570 > 419		6.05e3	0.117							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	6.05e3	0.117			0.000				

CGH 8/30/2018

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-51.qld

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Name: 180825M1_51, Date: 25-Aug-2018, Time: 22:22:37, ID: 1802094-18 EB02-072718 0.11695, Description: EB02-072718

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...		2.64e4	0.117							
39	48 13C2-PFDA	515.1 > 46...	2.39e4	3.32e4	0.117	0.720	5.06	9.00	81.5404	76.3		
40	49 13C2-8:2 FTS	529.1 > 50...	3.54e3	3.46e4	0.117	0.102	5.03	1.28	104.3326	97.6		
41	50 d3-N-MeFOSAA	573.3 > 419	6.05e3	3.66e4	0.117	0.165	5.21	2.07	77.9805	73.0		
42	50 d3-N-MeFOSAA	573.3 > 419	6.05e3	3.66e4	0.117	0.165	5.21	2.07	77.9805	73.0		
43	51 13C2-PFUdA	565 > 519.8	2.64e4	3.66e4	0.117	0.720	5.39	9.01	76.3995	71.5		
44	-1											
45	23 L-EtFOSAA	584.1 > 419		6.40e3	0.117							
46	72 Total N-EtFOSAA	584.1 > 419	0.00e0	6.40e3	0.117			0.000				
47	26 PFDS	598.8 > 79.9		5.16e3	0.117							
48	27 PFDoA	612.9 > 56...		2.58e4	0.117							
49	29 PFTrDA	662.9 > 61...		2.58e4	0.117							
50	52 d5-N-EtFOSAA	589.3 > 419	6.40e3	3.66e4	0.117	0.175	5.37	2.18	75.7925	70.9		
51	52 d5-N-EtFOSAA	589.3 > 419	6.40e3	3.66e4	0.117	0.175	5.37	2.18	75.7925	70.9		
52	51 13C2-PFUdA	565 > 519.8	2.64e4	3.66e4	0.117	0.720	5.39	9.01	76.3995	71.5		
53	53 13C2-PFDoA	615.0 > 56...	2.58e4	3.32e4	0.117	0.776	5.68	9.70	72.5939	67.9		
54	53 13C2-PFDoA	615.0 > 56...	2.58e4	3.32e4	0.117	0.776	5.68	9.70	72.5939	67.9		
55	-1											
56	30 PFTeDA	712.8 > 66...		2.11e4	0.117							
57	73 TCDA	498.3>106.9			0.117							
58	60 13C4-PFBA	217. > 172	1.65e4	1.65e4	0.117	1.00	1.26	12.5	106.8833	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.33e4	3.33e4	0.117	1.00	3.07	12.5	106.8833	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.56e3	4.56e3	0.117	1.00	3.86	12.5	106.8833	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	2.11e4	3.66e4	0.117	0.576	6.15	7.20	85.1968	79.7		
62	47 13C8-PFOS	507.0 > 79.9	5.16e3	5.02e3	0.117	1.03	4.77	12.8	103.2459	96.6		
63	63 13C8-PFOA	420.9 > 376	3.46e4	3.46e4	0.117	1.00	4.24	12.5	106.8833	100.0		
64	64 13C9-PFNA	472.2 > 42...	3.20e4	3.20e4	0.117	1.00	4.68	12.5	106.8833	100.0		
65	65 13C4-PFOS	503 > 79.9	5.02e3	5.02e3	0.117	1.00	4.77	12.5	106.8833	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.32e4	3.32e4	0.117	1.00	5.06	12.5	106.8833	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.66e4	3.66e4	0.117	1.00	5.39	12.5	106.8833	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-51.qld

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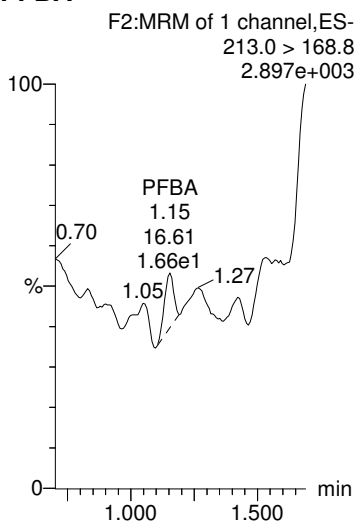
Printed: Thursday, August 30, 2018 15:21:12 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 27 Aug 2018 10:30:44

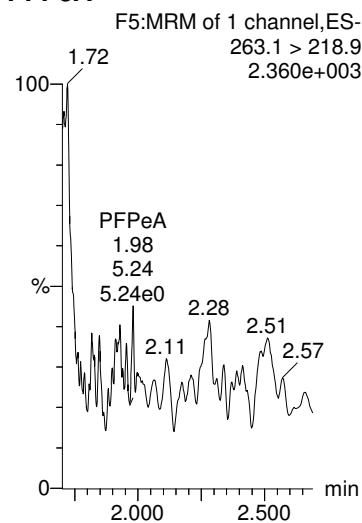
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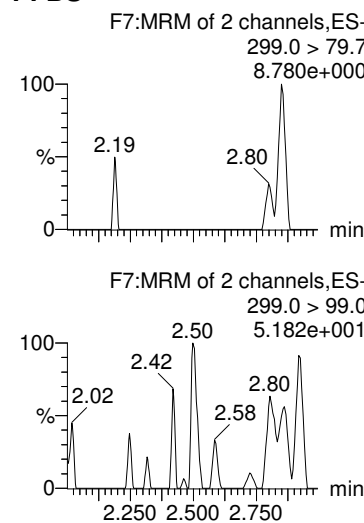
PFBA



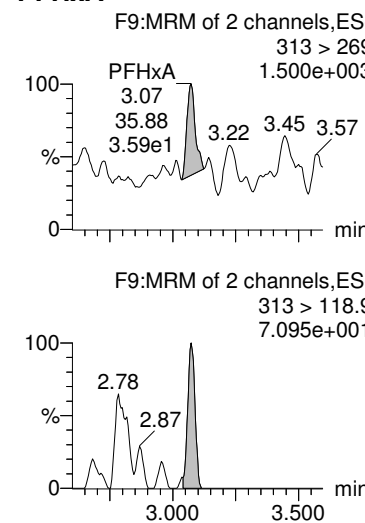
PFPeA



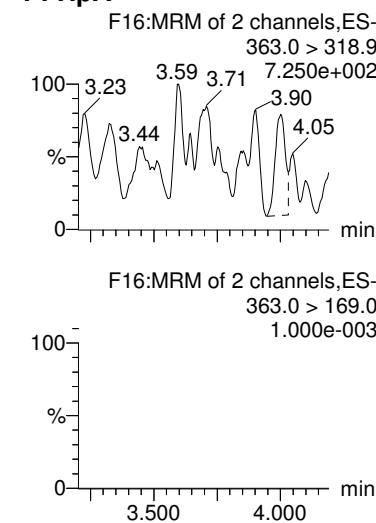
PFBS



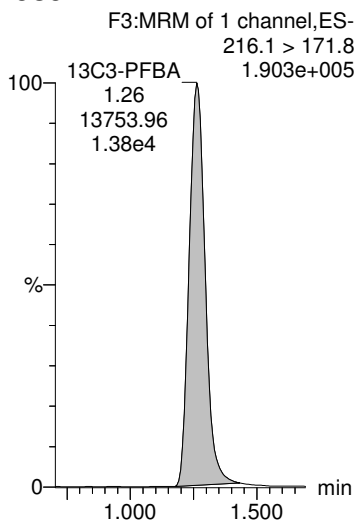
PFHxA



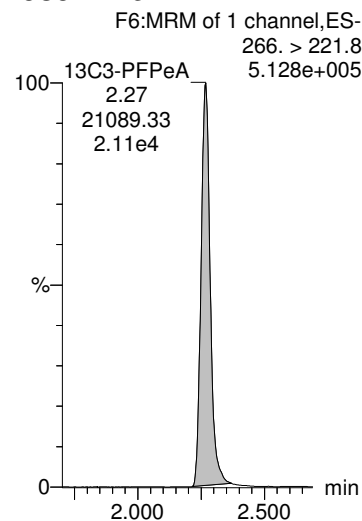
PFHpA



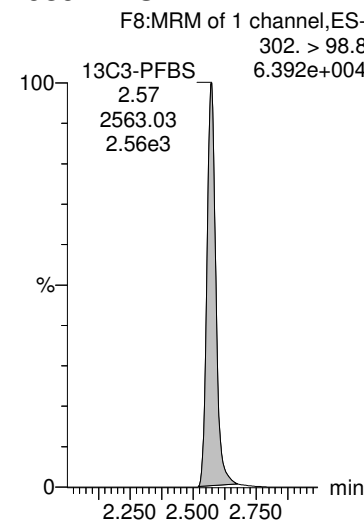
13C3-PFBA



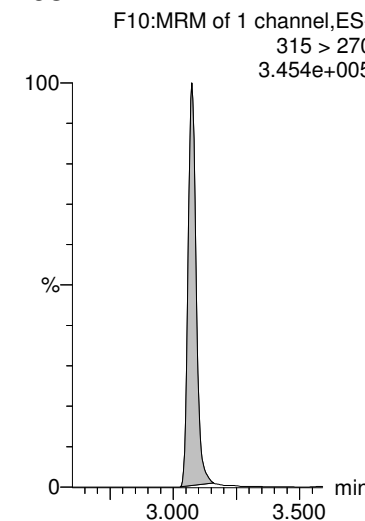
13C3-PFPeA



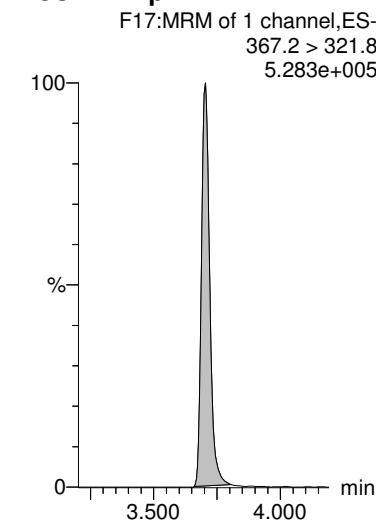
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



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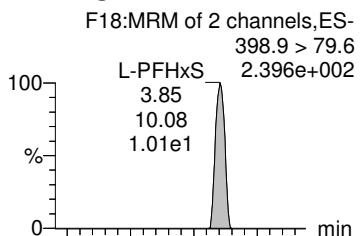
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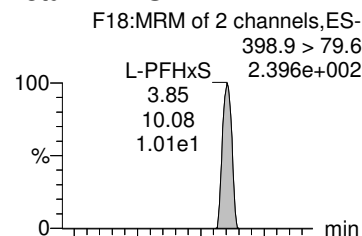
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Name: 180825M1_51, Date: 25-Aug-2018, Time: 22:22:37, ID: 1802094-18 EB02-072718 0.11695, Description: EB02-072718

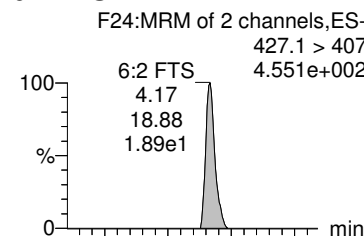
L-PFHxS



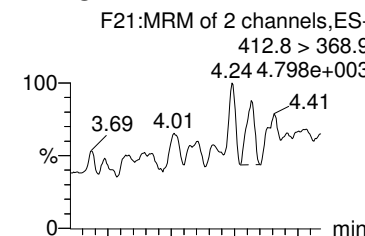
Total PFHxS



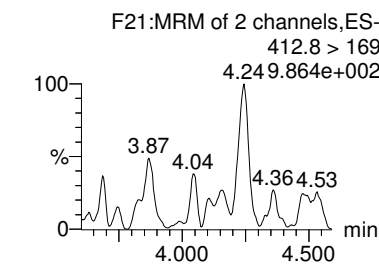
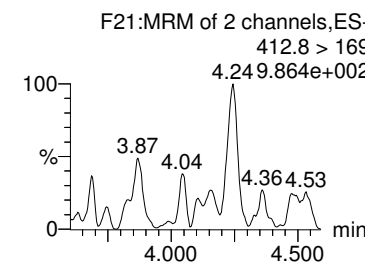
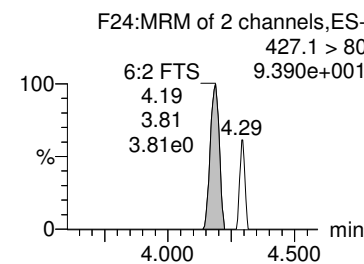
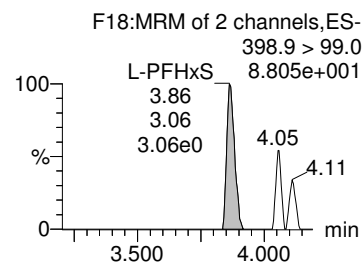
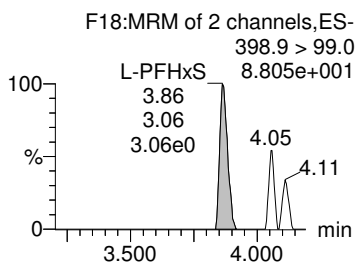
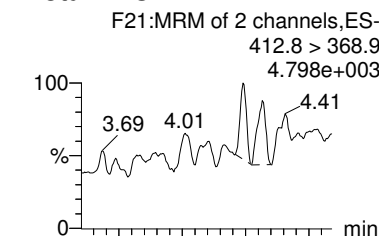
6:2 FTS



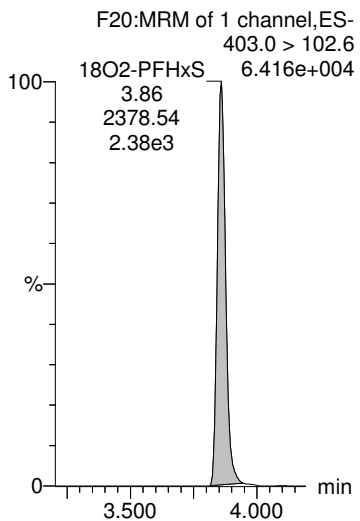
L-PFOA



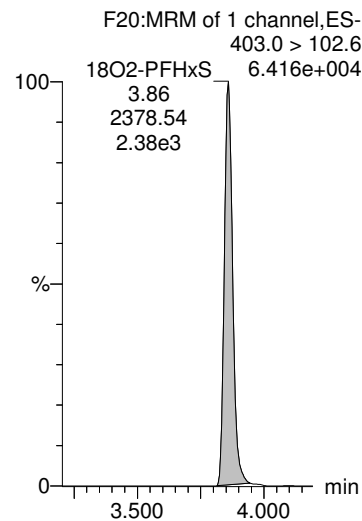
Total PFOA



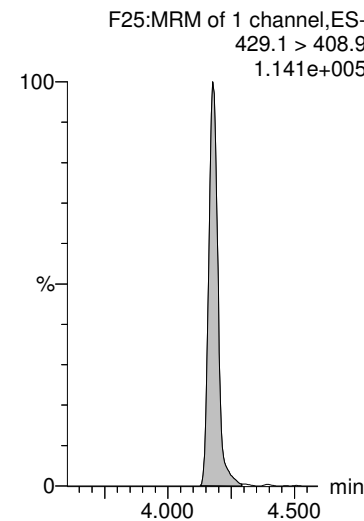
18O2-PFHxS



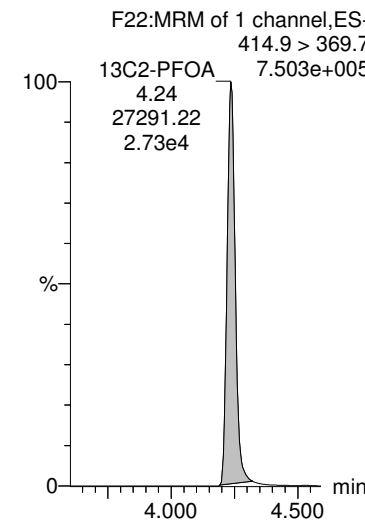
18O2-PFHxS



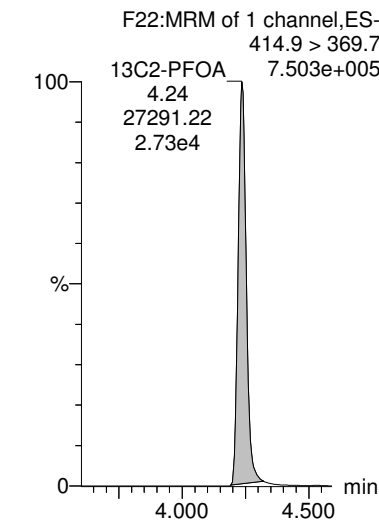
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



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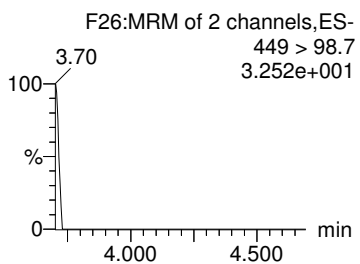
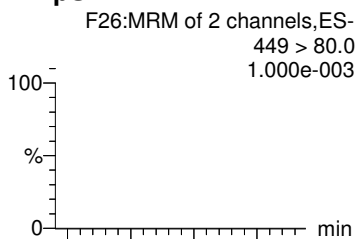
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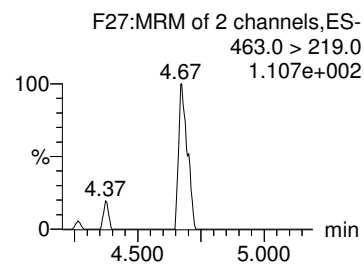
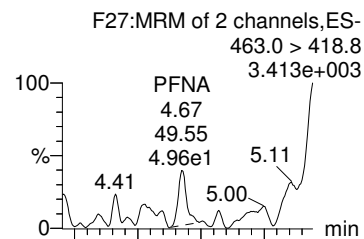
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Name: 180825M1_51, Date: 25-Aug-2018, Time: 22:22:37, ID: 1802094-18 EB02-072718 0.11695, Description: EB02-072718

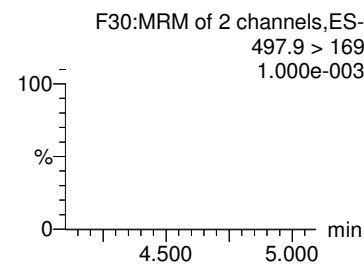
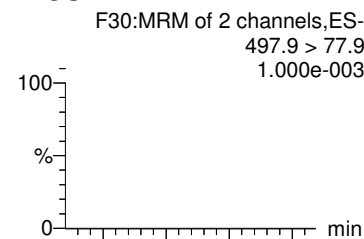
PFHpS



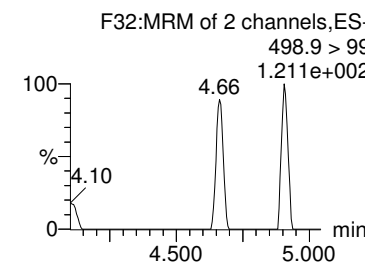
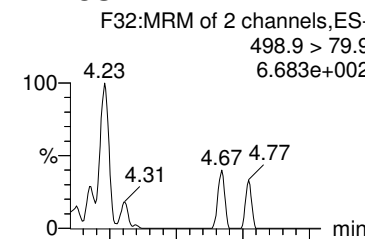
PFNA



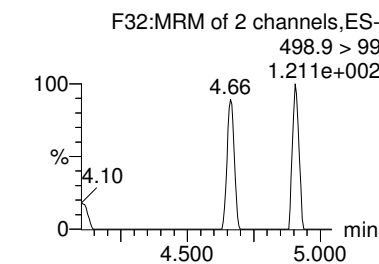
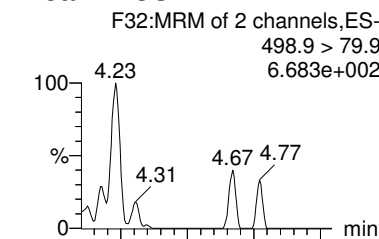
PFOSA



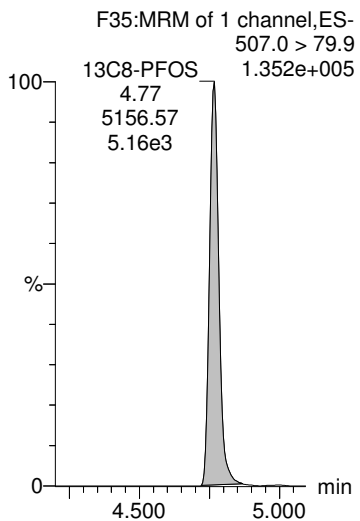
L-PFOS



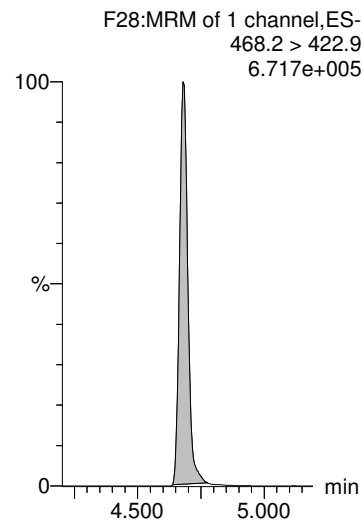
Total PFOS



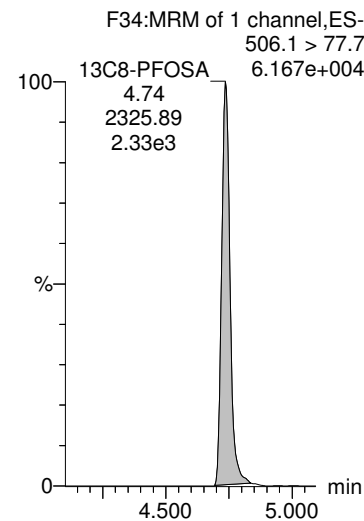
13C8-PFOS



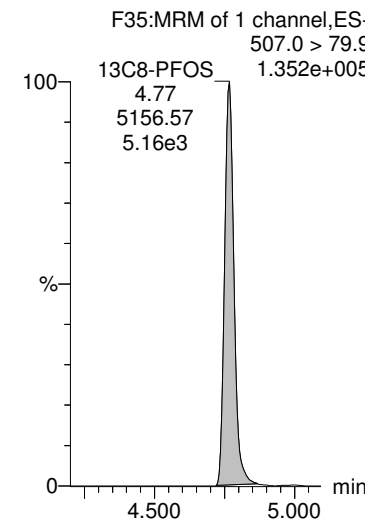
13C5-PFNA



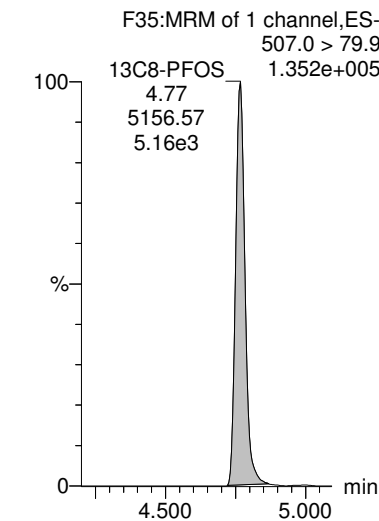
13C8-PFOSA



13C8-PFOS



13C8-PFOS



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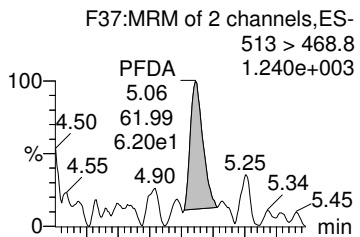
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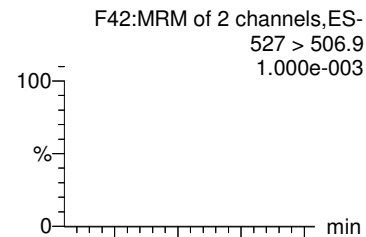
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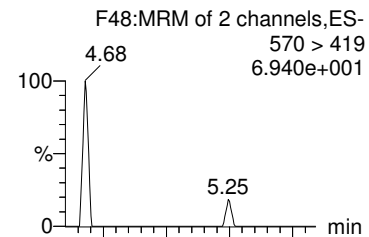
PFDA



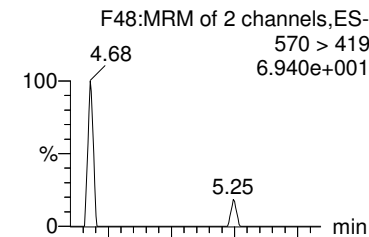
8:2 FTS



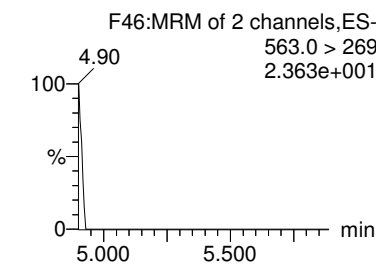
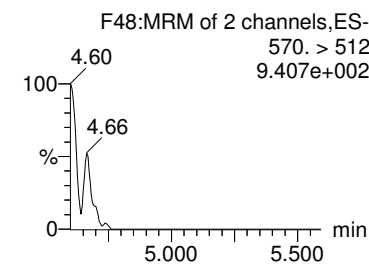
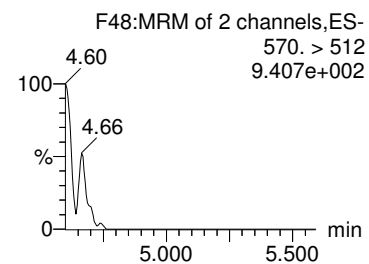
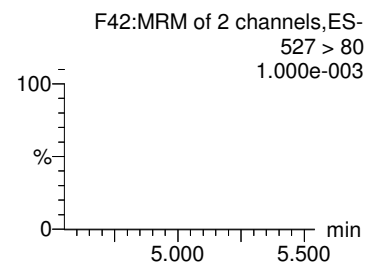
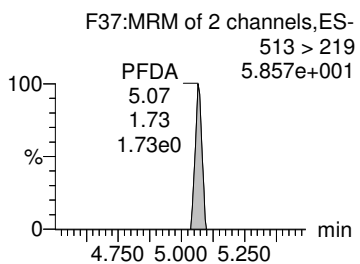
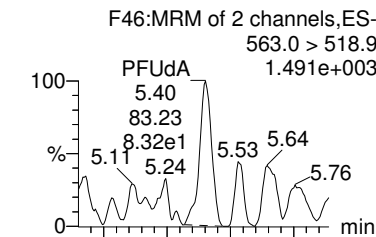
L-MeFOSAA



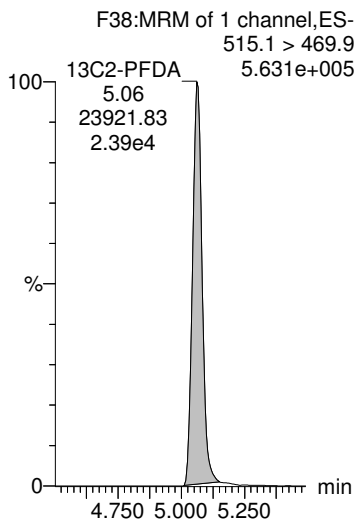
Total N-MeFOSAA



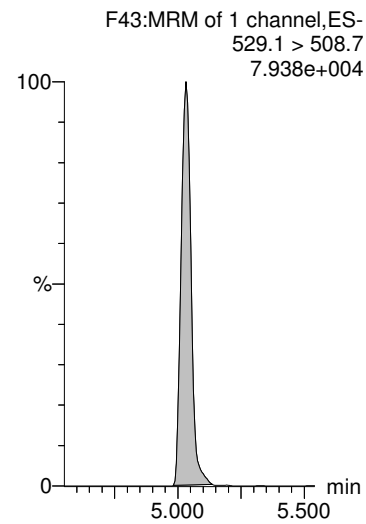
PFUdA



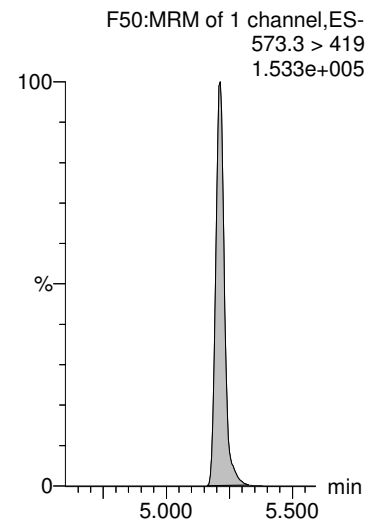
13C2-PFDA



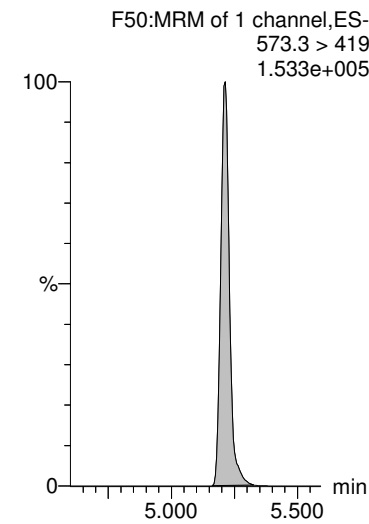
13C2-8:2 FTS



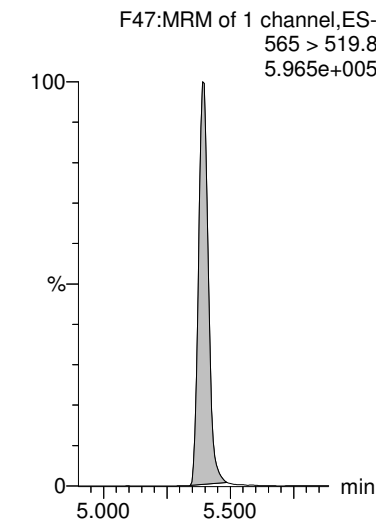
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



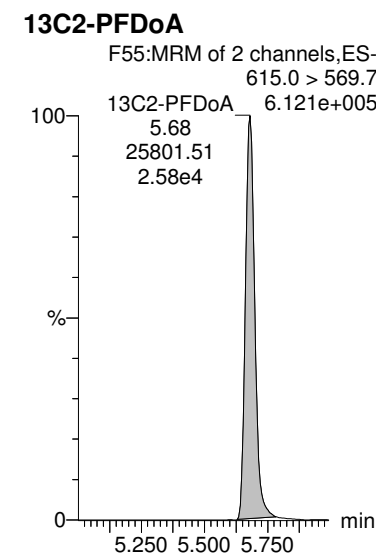
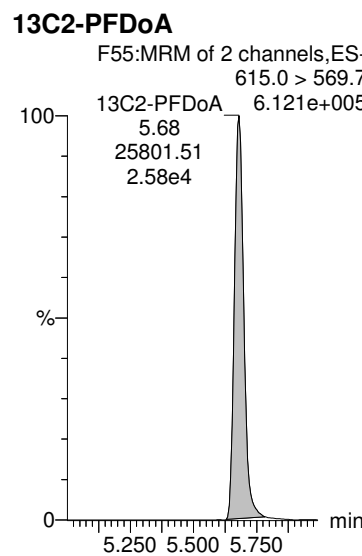
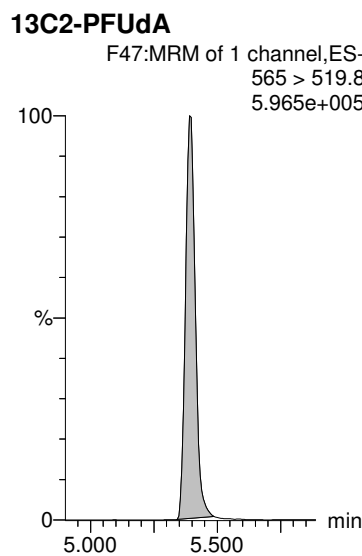
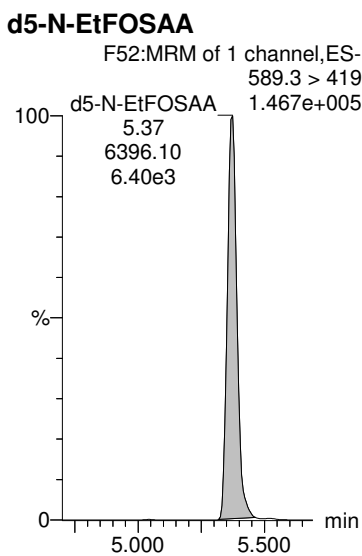
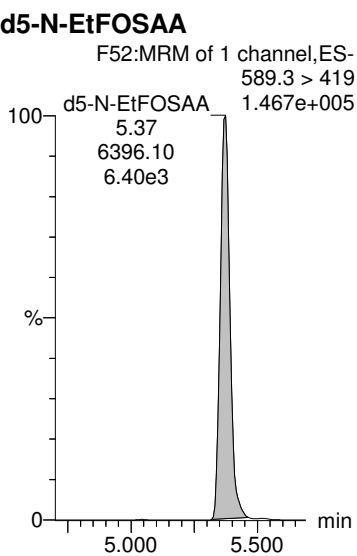
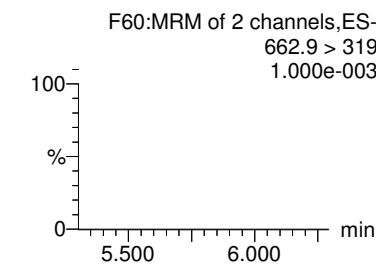
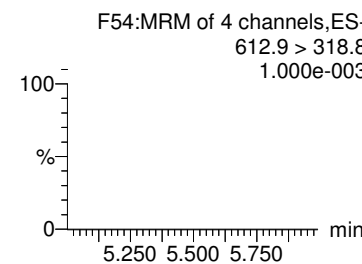
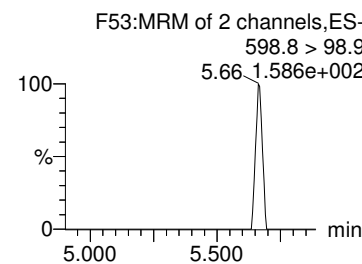
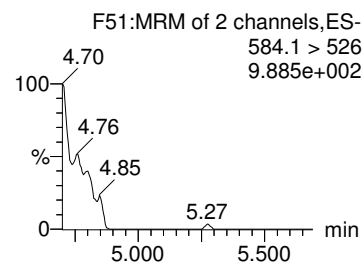
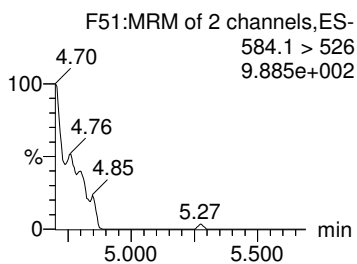
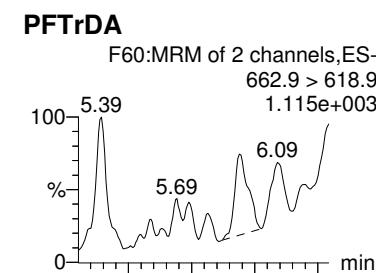
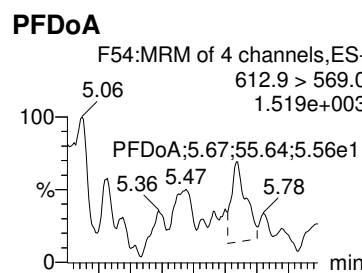
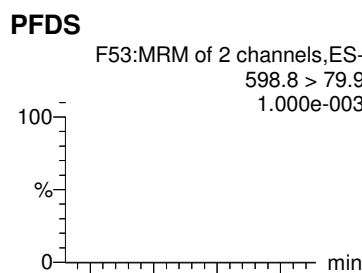
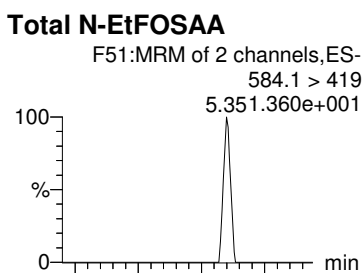
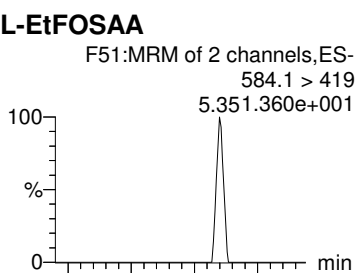
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Name: 180825M1_51, Date: 25-Aug-2018, Time: 22:22:37, ID: 1802094-18 EB02-072718 0.11695, Description: EB02-072718



Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-51.qld

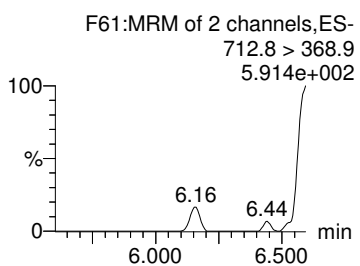
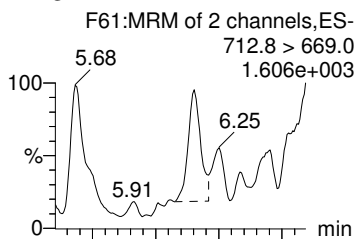
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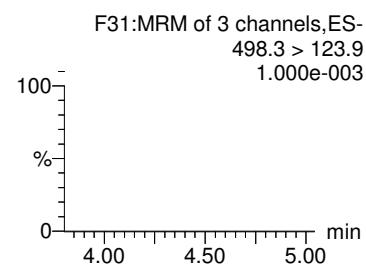
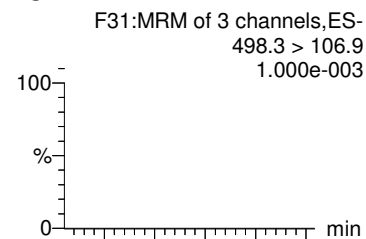
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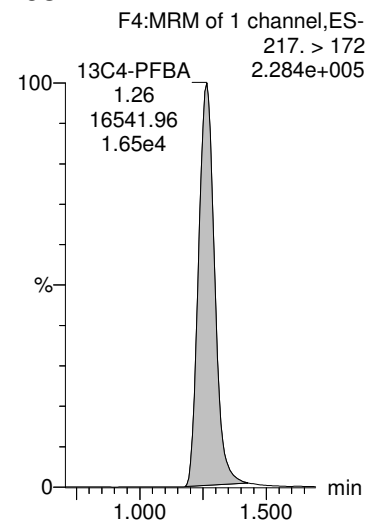
PFTeDA



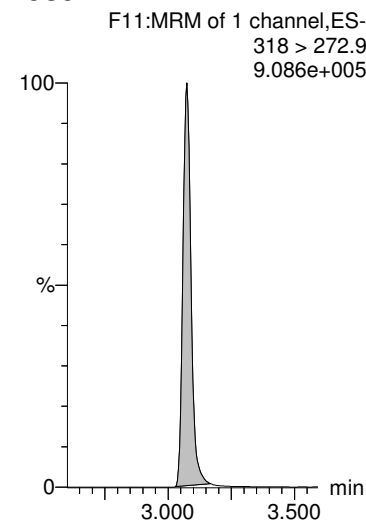
TCDA



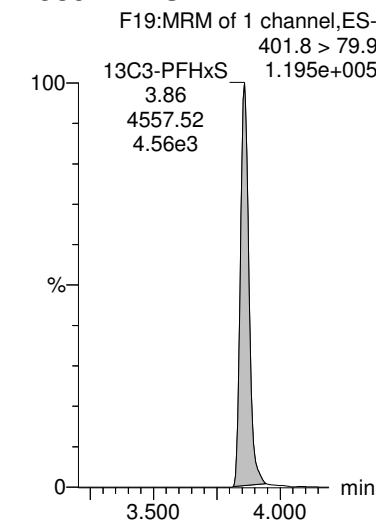
13C4-PFBA



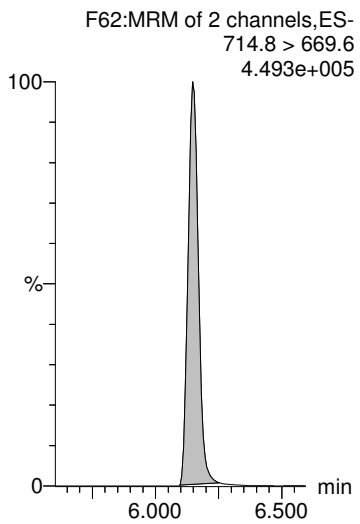
13C5-PFHxA



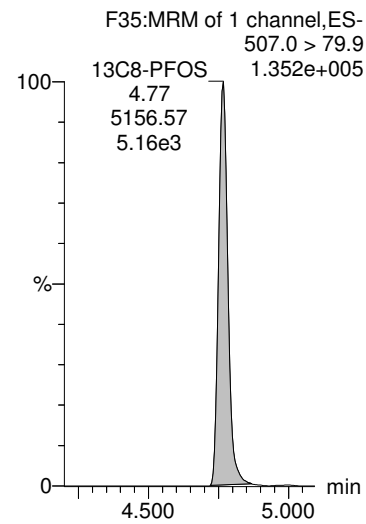
13C3-PFHxS



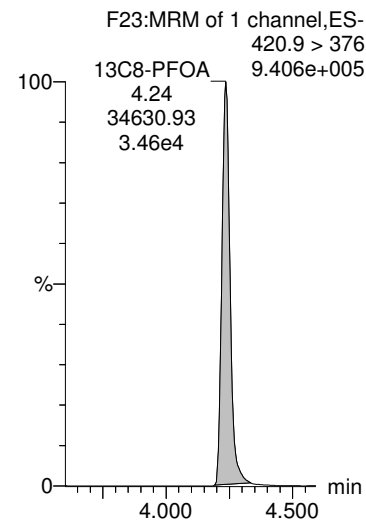
13C2-PFTeDA



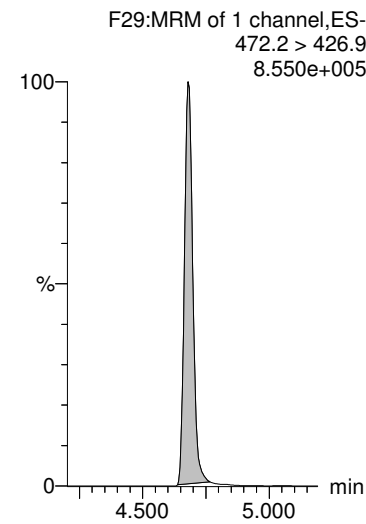
13C8-PFOS



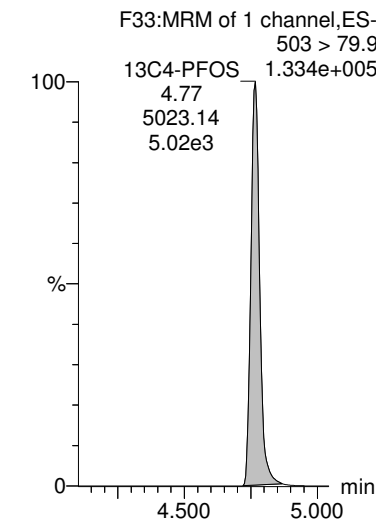
13C8-PFOA



13C9-PFNA



13C4-PFOS



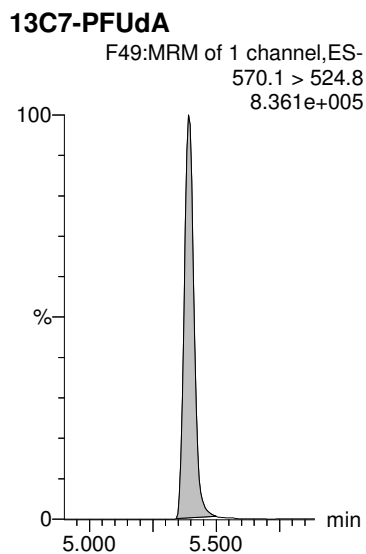
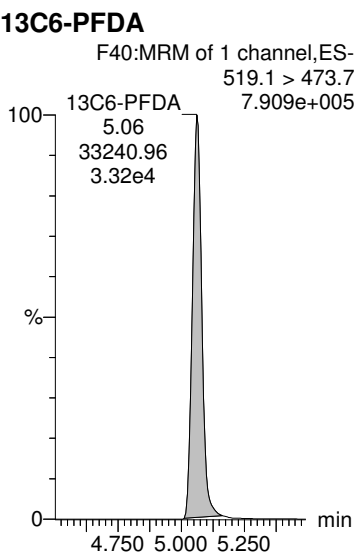
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Name: 180825M1_51, Date: 25-Aug-2018, Time: 22:22:37, ID: 1802094-18 EB02-072718 0.11695, Description: EB02-072718



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Name: 180825M1_52, Date: 25-Aug-2018, Time: 22:33:11, ID: 1802094-19 FRB02-072718 0.11299, Description: FRB02-072718

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	1.55e2	3.69e4	0.113	0.000	1.27	0.0527	0.2898			
2	2 PFPeA	263.1 > 21...	8.10e1	5.69e4	0.113	0.000	2.27	0.0178				
3	3 PFBS	299.0 > 79.7	1.88e0	6.76e3	0.113	0.000	2.57	0.00347			0.559	YES
4	5 PFHxA	313 > 269	1.06e2	3.44e4	0.113	0.000	3.08	0.0154			16.7	NO
5	7 PFHpA	363.0 > 31...		5.45e4	0.113							
6	36 13C3-PFBA	216.1 > 17...	3.69e4	4.67e4	0.113	0.790	1.27	9.88	105.7654	95.6		
7	37 13C3-PFPeA	266. > 221.8	5.69e4	9.87e4	0.113	0.577	2.27	7.21	99.6807	90.1		
8	38 13C3-PFBS	302. > 98.8	6.76e3	9.87e4	0.113	0.0684	2.58	0.856	116.2459	105.1		
9	40 13C2-PFHxA	315 > 270	3.44e4	9.87e4	0.113	0.872	3.08	4.36	39.8991	90.2		
10	41 13C4-PFHpA	367.2 > 32...	5.45e4	9.87e4	0.113	0.552	3.70	6.90	104.3218	94.3		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	2.52e1	6.61e3	0.113	0.000	3.86	0.0476	0.1748		1.10	YES
13	68 Total PFHxS	398.9 > 79.6	2.52e1	6.61e3	0.113			0.0476	0.1748			
14	10 6:2 FTS	427.1 > 407	1.19e2	1.24e4	0.113	0.000	4.18	0.120	0.7059		4.76	YES
15	11 L-PFOA	412.8 > 36...	3.54e2	7.20e4	0.113	0.000	4.24	0.0615			3.33	NO
16	69 Total PFOA	412.8 > 36...	3.54e2	7.20e4	0.113			0.000				
17	42 18O2-PFHxS	403.0 > 10...	6.61e3	1.33e4	0.113	0.498	3.86	6.23	106.5943	96.4		
18	42 18O2-PFHxS	403.0 > 10...	6.61e3	1.33e4	0.113	0.498	3.86	6.23	106.5943	96.4		
19	43 13C2-6:2 FTS	429.1 > 40...	1.24e4	1.00e5	0.113	0.123	4.18	1.54	102.1524	92.3		
20	44 13C2-PFOA	414.9 > 36...	7.20e4	1.00e5	0.113	0.717	4.24	8.96	91.9223	83.1		
21	44 13C2-PFOA	414.9 > 36...	7.20e4	1.00e5	0.113	0.717	4.24	8.96	91.9223	83.1		
22	-1											
23	13 PFHpS	449 > 80.0		1.38e4	0.113							
24	14 PFNA	463.0 > 41...	7.26e1	6.63e4	0.113	0.000	4.69	0.0137			2.50	YES
25	15 PFOSA	497.9 > 77.9		3.52e3	0.113							
26	16 L-PFOS	498.9 > 79.9	1.66e1	1.38e4	0.113	0.000	4.66	0.0151			2.65	YES
27	70 Total PFOS	498.9 > 79.9	1.66e1	1.38e4	0.113			0.000				
28	47 13C8-PFOS	507.0 > 79.9	1.38e4	1.47e4	0.113	0.934	4.76	11.7	97.2536	87.9		
29	45 13C5-PFNA	468.2 > 42...	6.63e4	8.89e4	0.113	0.745	4.68	9.32	85.8923	77.6		
30	46 13C8-PFOSA	506.1 > 77.7	3.52e3	1.02e5	0.113	0.0347	4.74	0.434	19.6059	17.7		
31	47 13C8-PFOS	507.0 > 79.9	1.38e4	1.47e4	0.113	0.934	4.76	11.7	97.2536	87.9		
32	47 13C8-PFOS	507.0 > 79.9	1.38e4	1.47e4	0.113	0.934	4.76	11.7	97.2536	87.9		
33	-1											
34	18 PFDA	513 > 468.8		5.36e4	0.113							
35	19 8:2 FTS	527 > 506.9		7.55e3	0.113							
36	21 L-MeFOSAA	570 > 419		1.37e4	0.113							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	1.37e4	0.113			0.000				

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Name: 180825M1_52, Date: 25-Aug-2018, Time: 22:33:11, ID: 1802094-19 FRB02-072718 0.11299, Description: FRB02-072718

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	2.01e2	5.28e4	0.113	0.000	5.40	0.0477			30.6	YES
39	48 13C2-PFDA	515.1 > 46...	5.36e4	9.06e4	0.113	0.591	5.06	7.39	69.2906	62.6		
40	49 13C2-8:2 FTS	529.1 > 50...	7.55e3	1.00e5	0.113	0.0752	5.03	0.940	79.3539	71.7		
41	50 d3-N-MeFOSAA	573.3 > 419	1.37e4	1.02e5	0.113	0.135	5.21	1.69	65.9028	59.6		
42	50 d3-N-MeFOSAA	573.3 > 419	1.37e4	1.02e5	0.113	0.135	5.21	1.69	65.9028	59.6		
43	51 13C2-PFUdA	565 > 519.8	5.28e4	1.02e5	0.113	0.520	5.39	6.50	57.0615	51.6		
44	-1											
45	23 L-EtFOSAA	584.1 > 419		1.51e4	0.113							
46	72 Total N-EtFOSAA	584.1 > 419	0.00e0	1.51e4	0.113			0.000				
47	26 PFDS	598.8 > 79.9		1.38e4	0.113							
48	27 PFDoA	612.9 > 56...		5.16e4	0.113							
49	29 PFTrDA	662.9 > 61...		5.16e4	0.113							
50	52 d5-N-EtFOSAA	589.3 > 419	1.51e4	1.02e5	0.113	0.149	5.37	1.86	66.7649	60.4		
51	52 d5-N-EtFOSAA	589.3 > 419	1.51e4	1.02e5	0.113	0.149	5.37	1.86	66.7649	60.4		
52	51 13C2-PFUdA	565 > 519.8	5.28e4	1.02e5	0.113	0.520	5.39	6.50	57.0615	51.6		
53	53 13C2-PFDoA	615.0 > 56...	5.16e4	9.06e4	0.113	0.569	5.68	7.11	55.0932	49.8		
54	53 13C2-PFDoA	615.0 > 56...	5.16e4	9.06e4	0.113	0.569	5.68	7.11	55.0932	49.8		
55	-1											
56	30 PFTeDA	712.8 > 66...	5.82e1	2.24e4	0.113	0.000	6.15	0.0325			16.0	YES
57	73 TCDA	498.3>106.9			0.113							
58	60 13C4-PFBA	217. > 172	4.67e4	4.67e4	0.113	1.00	1.27	12.5	110.6293	100.0		
59	61 13C5-PFHxA	318 > 272.9	9.87e4	9.87e4	0.113	1.00	3.07	12.5	110.6293	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	1.33e4	1.33e4	0.113	1.00	3.86	12.5	110.6293	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	2.24e4	1.02e5	0.113	0.220	6.15	2.75	33.6963	30.5		
62	47 13C8-PFOS	507.0 > 79.9	1.38e4	1.47e4	0.113	0.934	4.76	11.7	97.2536	87.9		
63	63 13C8-PFOA	420.9 > 376	1.00e5	1.00e5	0.113	1.00	4.24	12.5	110.6293	100.0		
64	64 13C9-PFNA	472.2 > 42...	8.89e4	8.89e4	0.113	1.00	4.68	12.5	110.6293	100.0		
65	65 13C4-PFOS	503 > 79.9	1.47e4	1.47e4	0.113	1.00	4.77	12.5	110.6293	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	9.06e4	9.06e4	0.113	1.00	5.06	12.5	110.6293	100.0		
68	67 13C7-PFUdA	570.1 > 52...	1.02e5	1.02e5	0.113	1.00	5.39	12.5	110.6293	100.0		

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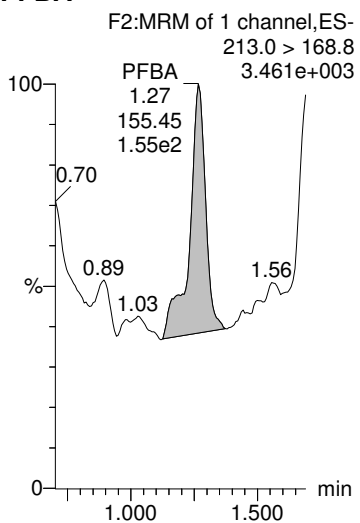
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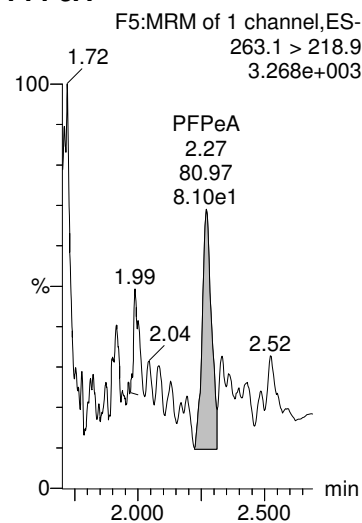
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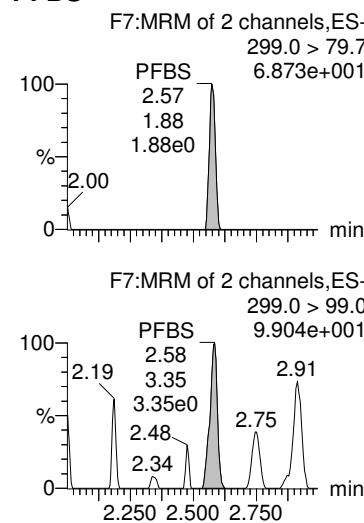
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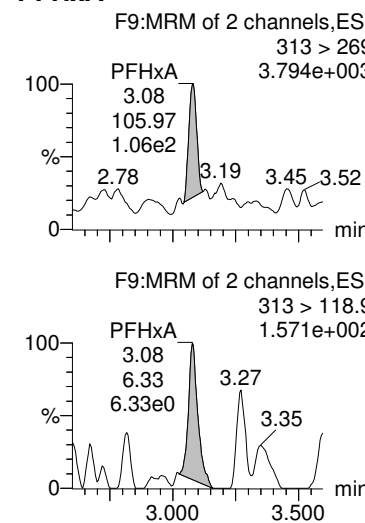
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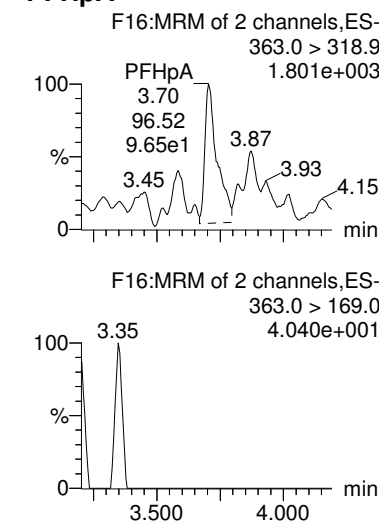
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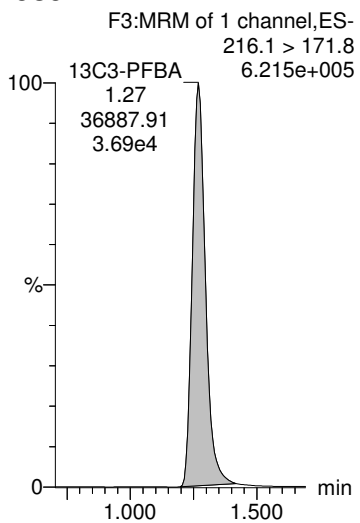
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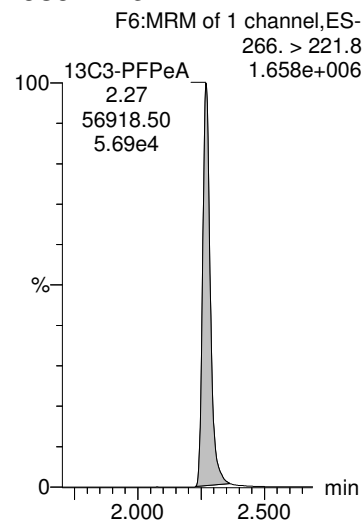
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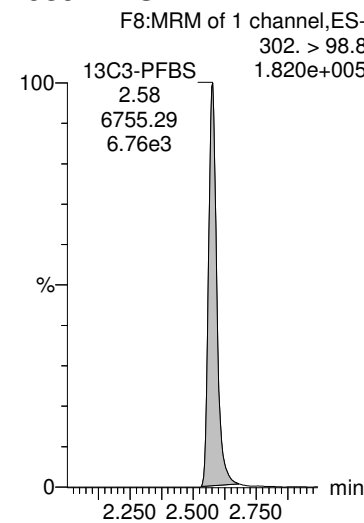
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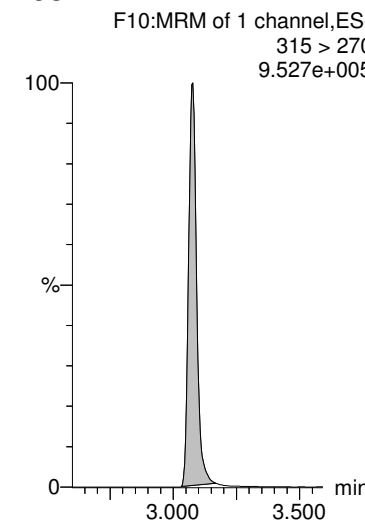
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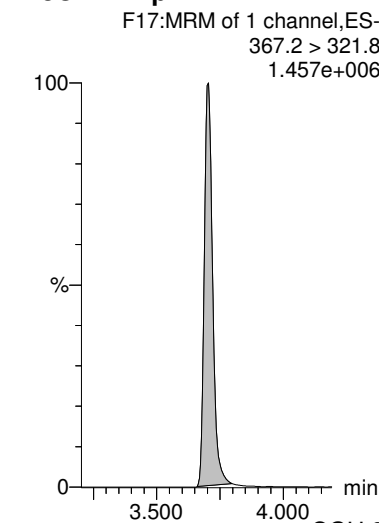
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



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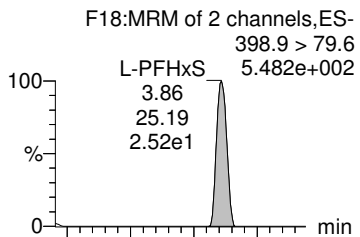
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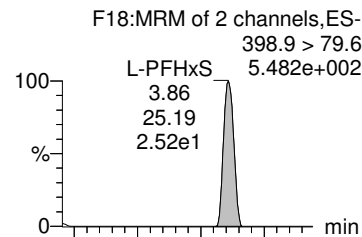
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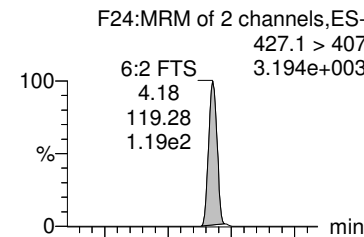
L-PFHxS



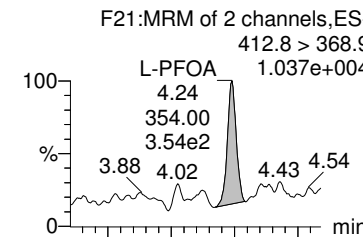
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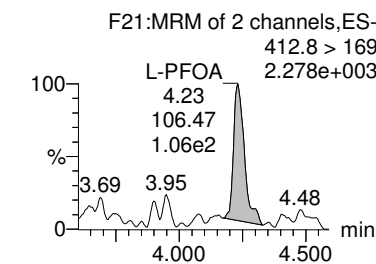
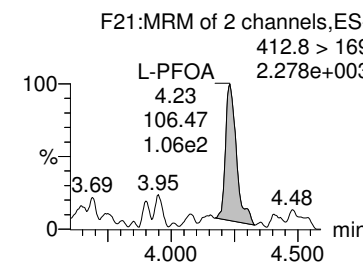
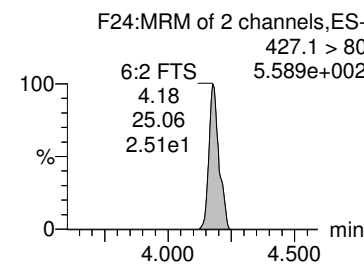
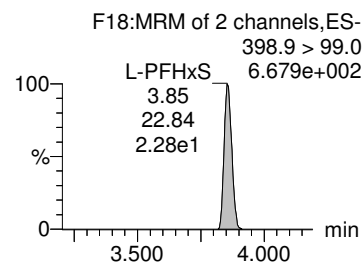
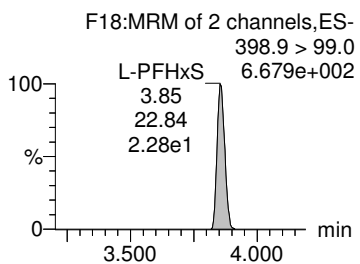
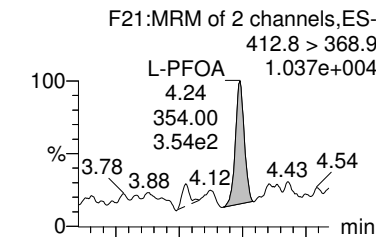
6:2 FTS



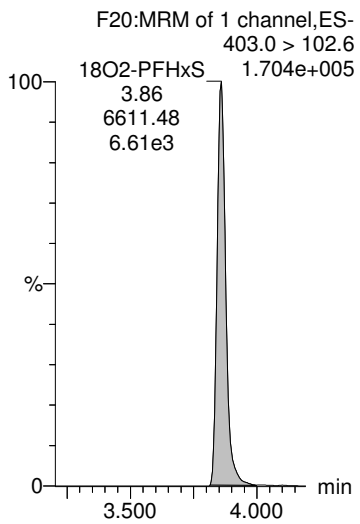
L-PFOA



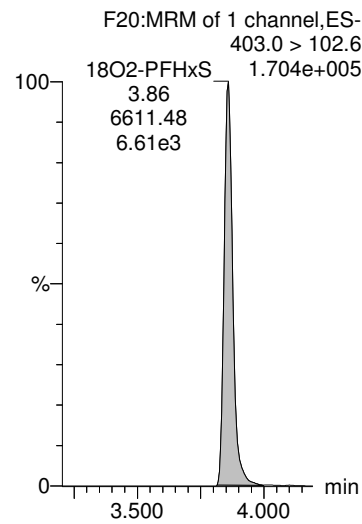
Total PFOA



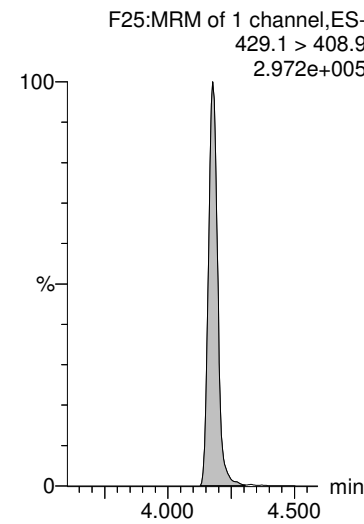
18O2-PFHxS



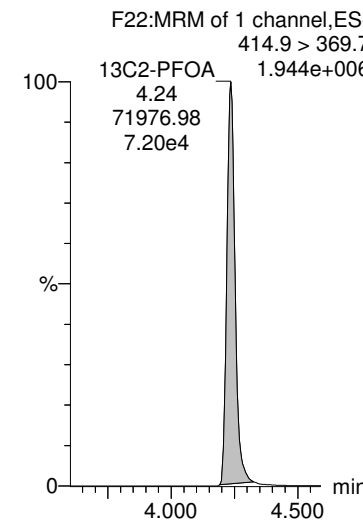
18O2-PFHxS



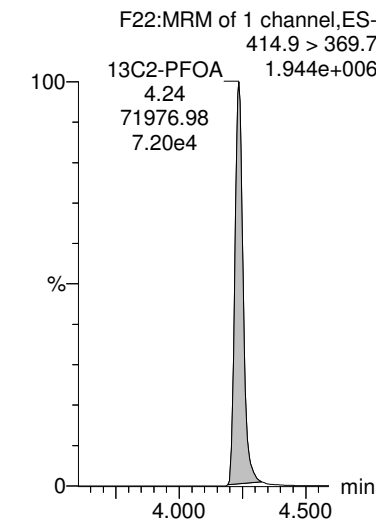
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13C2-PFOA



13C2-PFOA



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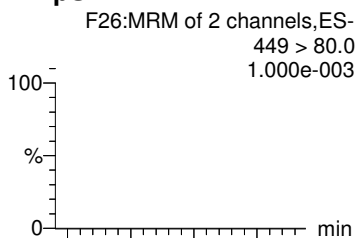
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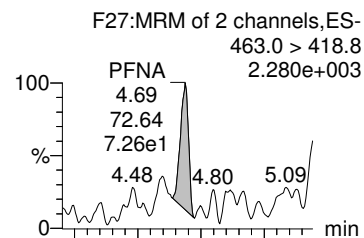
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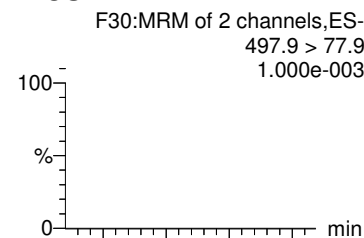
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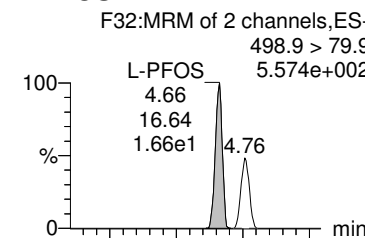
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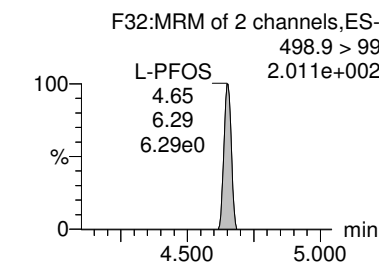
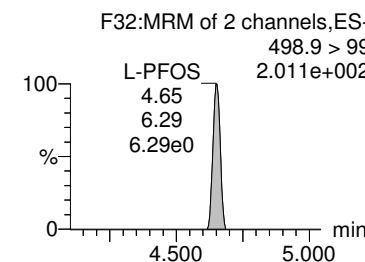
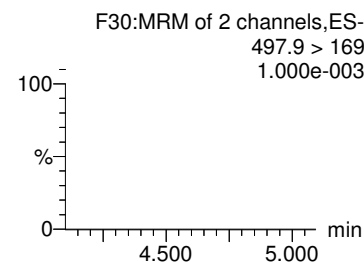
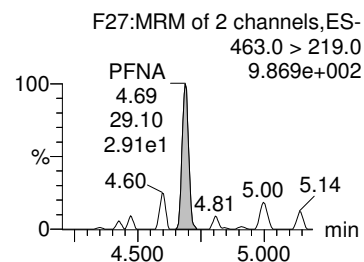
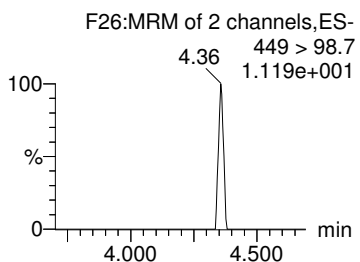
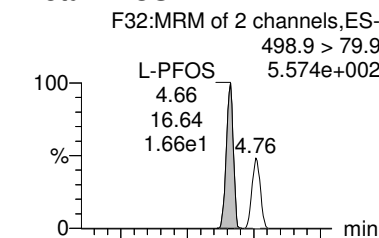
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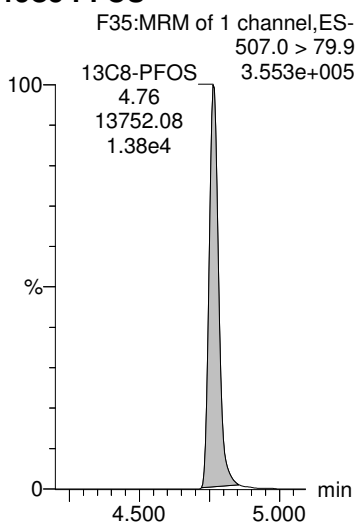
L-PFOS



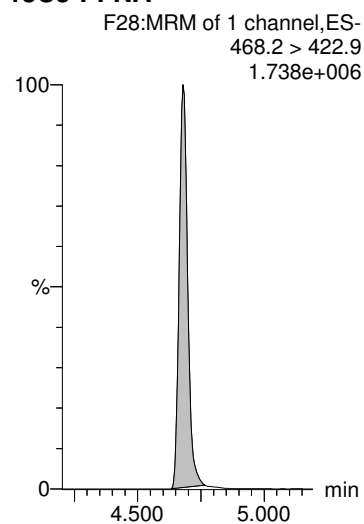
Total PFOS



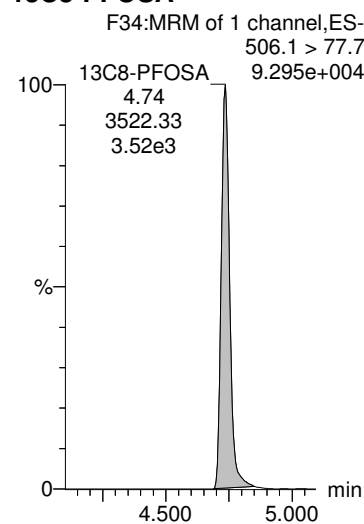
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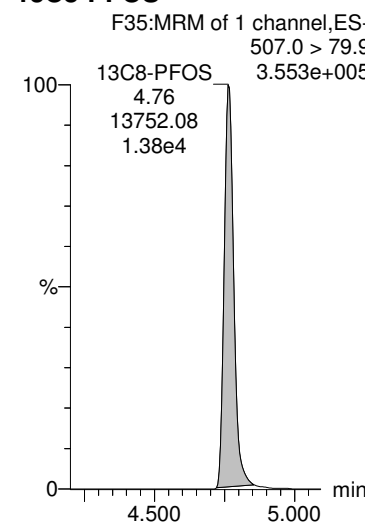
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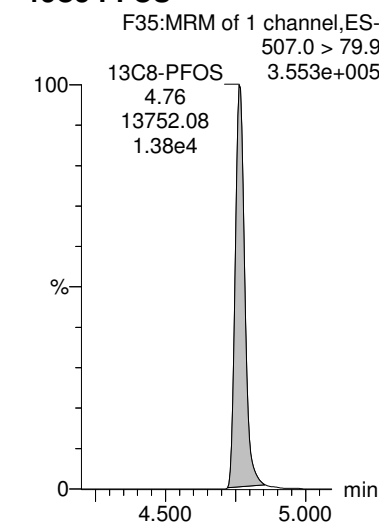
13C8-PFOSA



13C8-PFOS



13C8-PFOS



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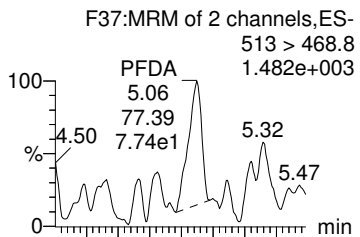
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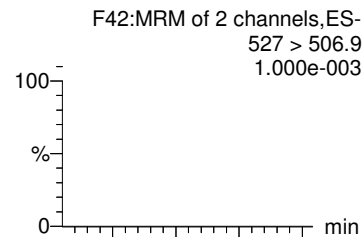
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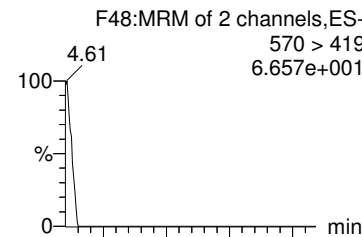
PFDA



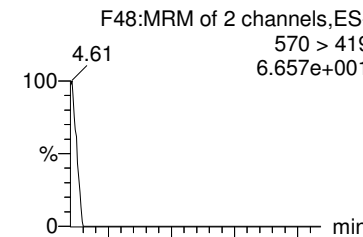
8:2 FTS



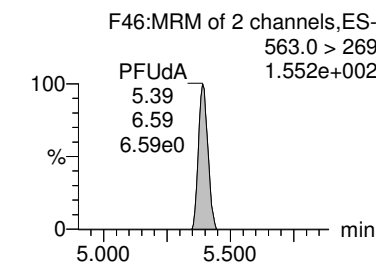
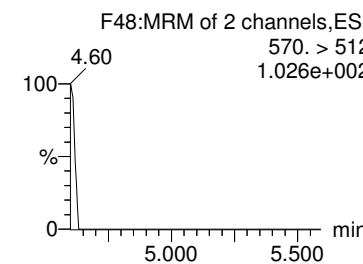
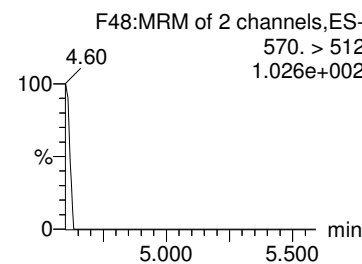
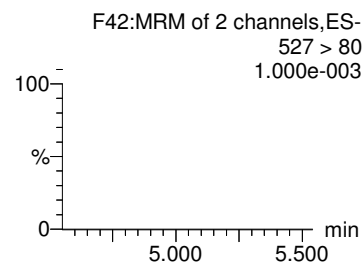
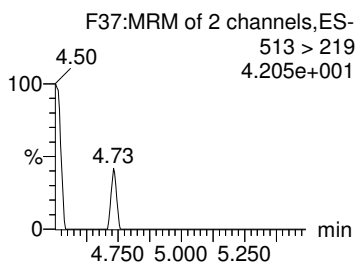
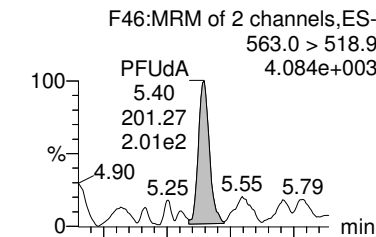
L-MeFOSAA



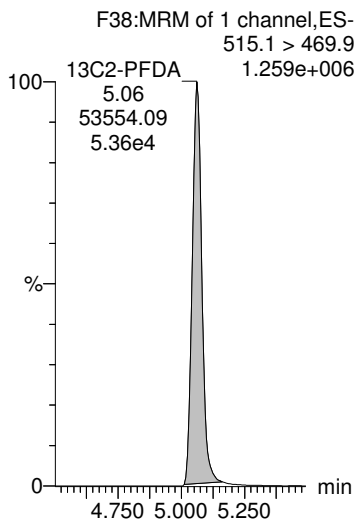
Total N-MeFOSAA



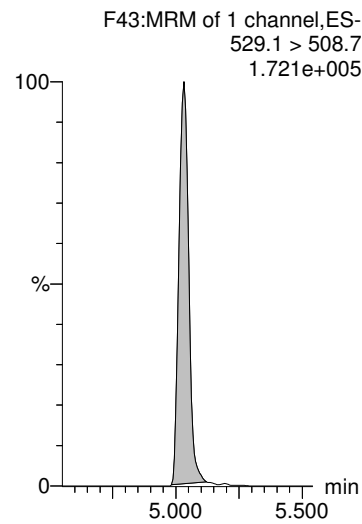
PFUdA



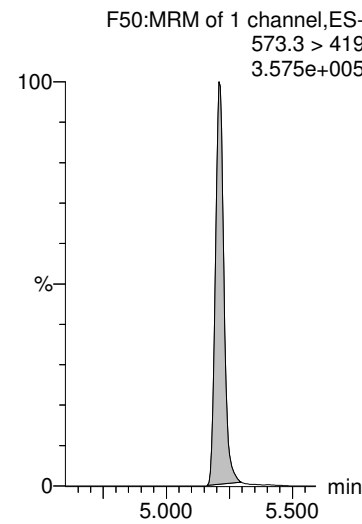
13C2-PFDA



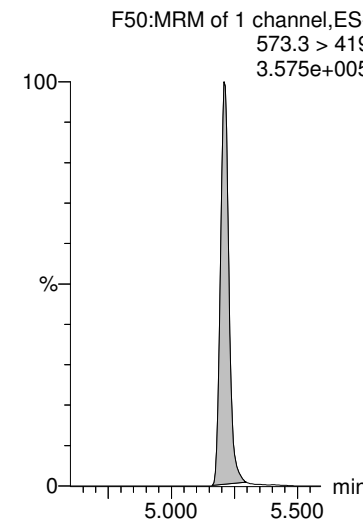
13C2-8:2 FTS



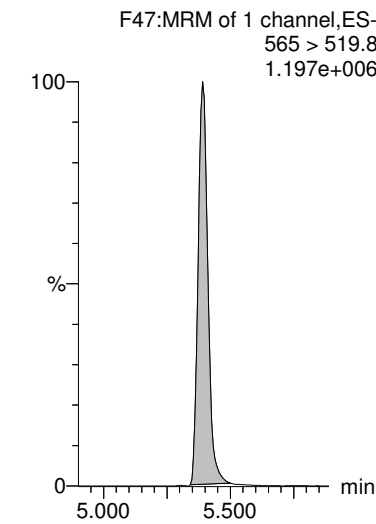
d3-N-MeFOSAA



d3-N-MeFOSAA



13C2-PFUdA



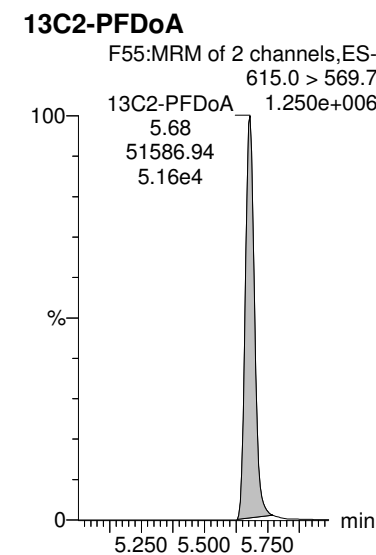
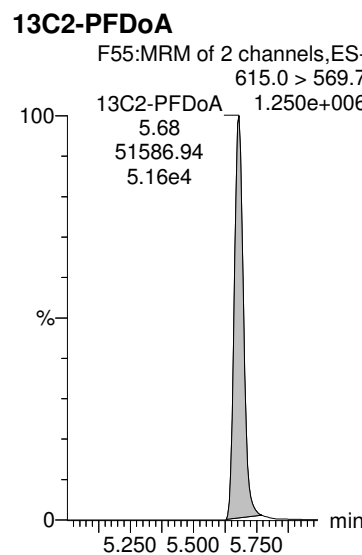
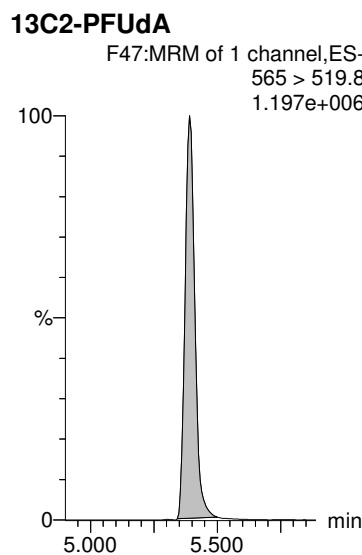
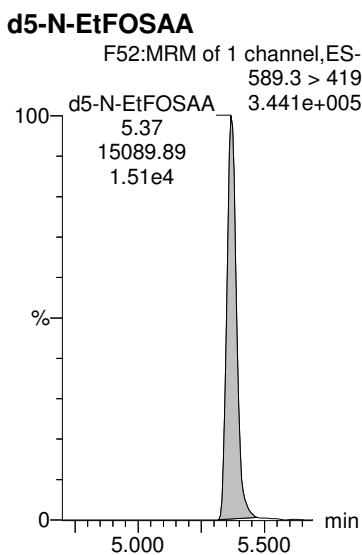
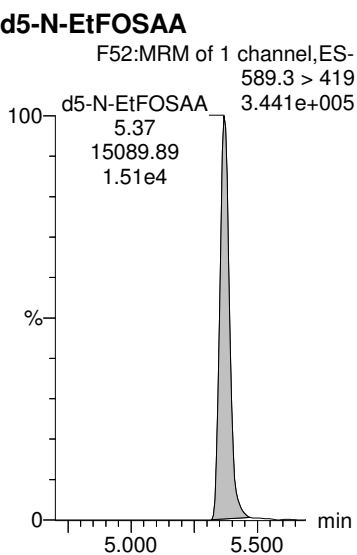
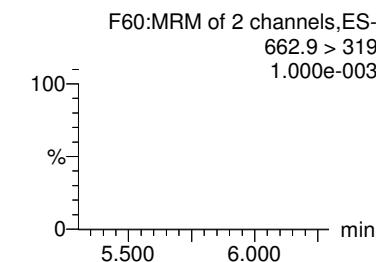
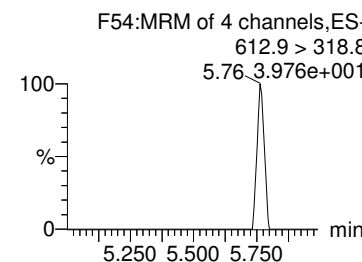
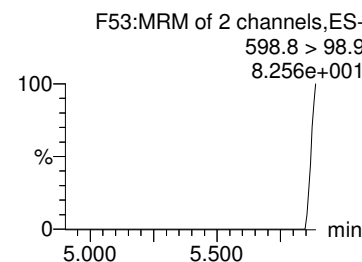
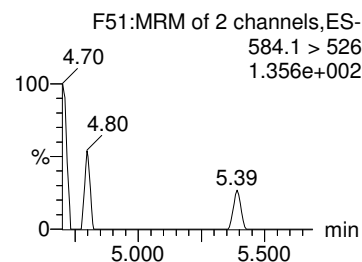
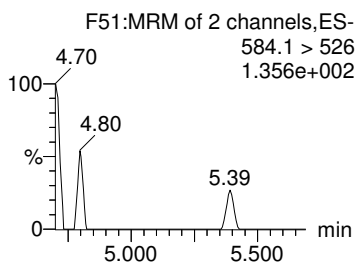
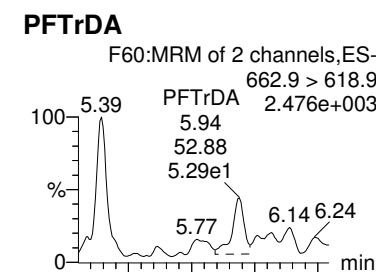
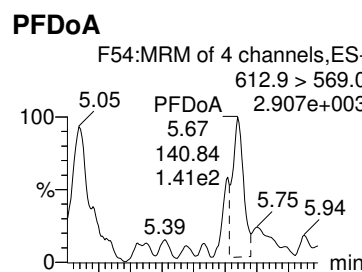
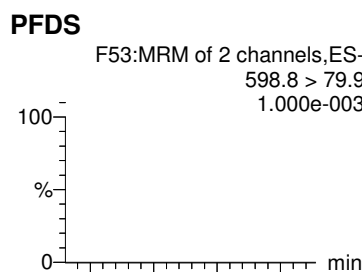
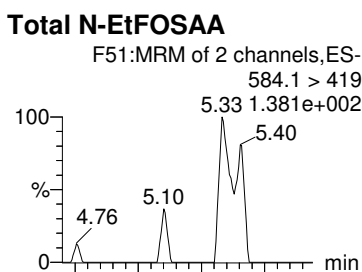
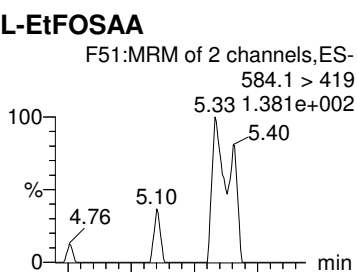
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MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 15:26:19 Pacific Daylight Time

Printed: Thursday, August 30, 2018 15:26:48 Pacific Daylight Time

Name: 180825M1_52, Date: 25-Aug-2018, Time: 22:33:11, ID: 1802094-19 FRB02-072718 0.11299, Description: FRB02-072718



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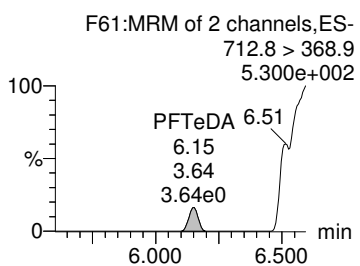
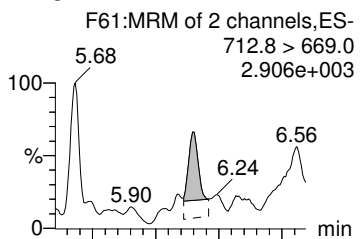
MMM 9/6/2018

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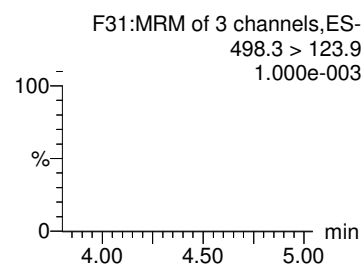
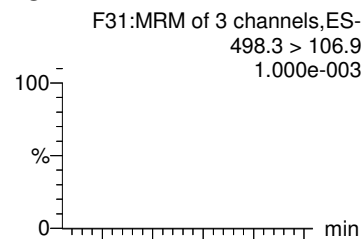
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Name: 180825M1_52, Date: 25-Aug-2018, Time: 22:33:11, ID: 1802094-19 FRB02-072718 0.11299, Description: FRB02-072718

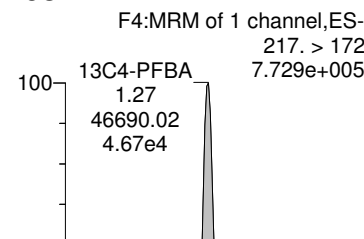
PFTeDA



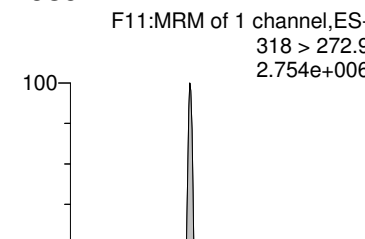
TCDA



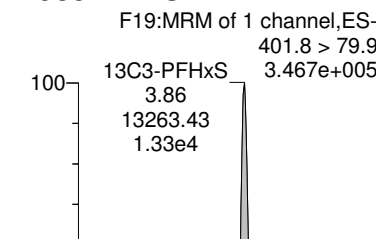
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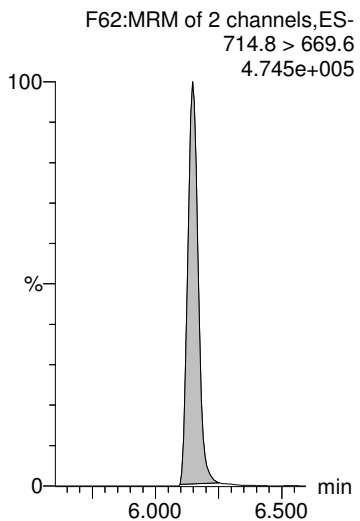
13C5-PFHxA



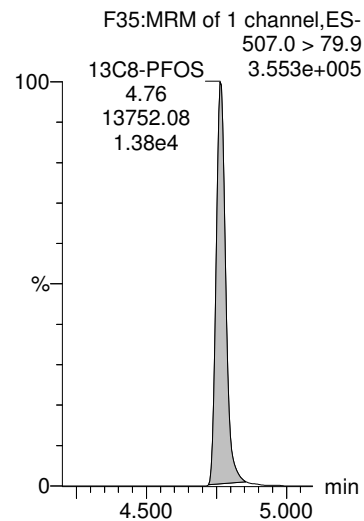
13C3-PFHxS



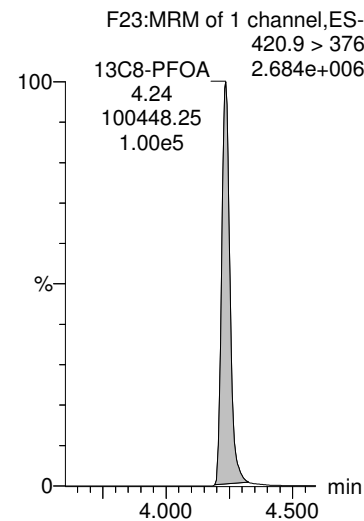
13C2-PFTeDA



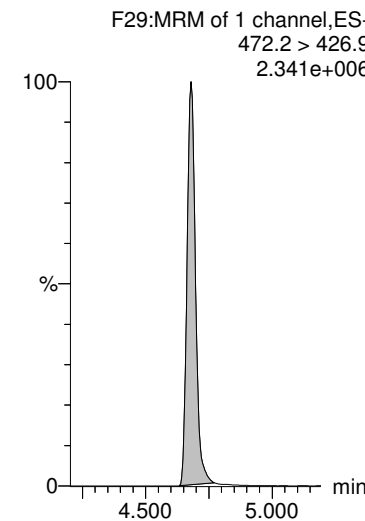
13C8-PFOS



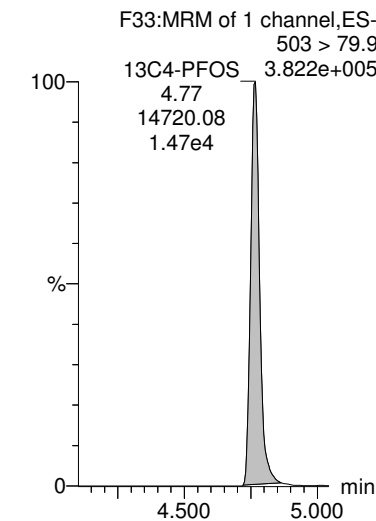
13C8-PFOA



13C9-PFNA



13C4-PFOS



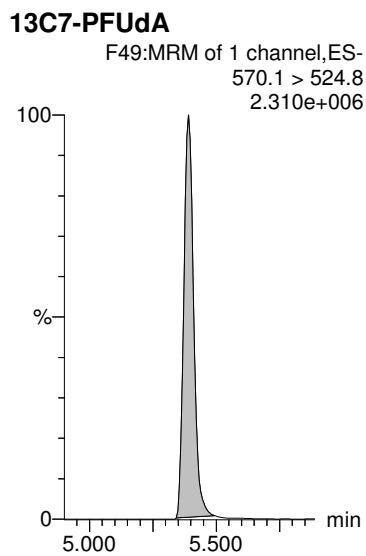
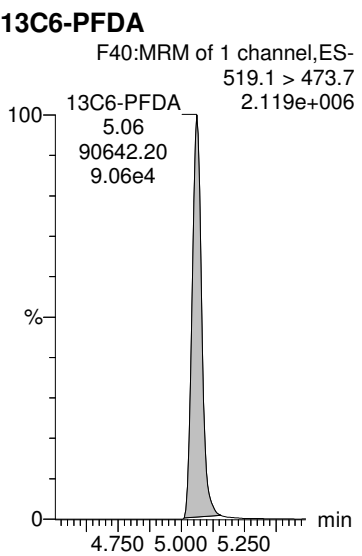
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MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 15:26:19 Pacific Daylight Time

Printed: Thursday, August 30, 2018 15:26:48 Pacific Daylight Time

Name: 180825M1_52, Date: 25-Aug-2018, Time: 22:33:11, ID: 1802094-19 FRB02-072718 0.11299, Description: FRB02-072718



UNREPORTED RUNS

Dataset: Untitled

Last Altered: Saturday, September 15, 2018 11:43:08 Pacific Daylight Time

Printed: Saturday, September 15, 2018 11:43:14 Pacific Daylight Time

Name: 180825M1_37, Date: 25-Aug-2018, Time: 19:54:15, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	1.65e3	1.35e4	0.248	0.000	1.27	1.53	5.2828			
2	2 PFPeA	263.1 > 21...	5.62e3	2.01e4	0.248	0.000	2.27	3.50	14.5884			
3	3 PFBS	299.0 > 79.7	4.87e1	2.31e3	0.248	0.000	2.57	0.264	0.4640		3.97	YES
4	5 PFHxA	313 > 269	8.28e3	1.19e4	0.248	0.000	3.08	3.48	14.7385		15.7	NO
5	7 PFHpA	363.0 > 31...	1.13e4	1.81e4	0.248	0.000	3.71	7.78	26.7367		21.5	NO
6	36 13C3-PFBA	216.1 > 17...	1.35e4	1.67e4	0.248	0.810	1.26	10.1	49.3844	98.0		
7	37 13C3-PFPeA	266. > 221.8	2.01e4	3.32e4	0.248	0.605	2.27	7.56	47.5973	94.5		
8	38 13C3-PFBS	302. > 98.8	2.31e3	3.32e4	0.248	0.0695	2.57	0.869	53.7550	106.7		
9	40 13C2-PFHxA	315 > 270	1.19e4	3.32e4	0.248	0.896	3.08	4.48	18.6595	92.6		
10	41 13C4-PFHpA	367.2 > 32...	1.81e4	3.32e4	0.248	0.545	3.70	6.81	46.9171	93.1		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	3.91e2	1.95e3	0.248	0.000	3.86	2.51	5.8255		1.55	NO
13	9 Br-PFHxS	398.9 > 79.6	5.01e1	1.95e3	0.248	0.000	3.74	0.321	0.7192		4.30	NO
14	68 Total PFHxS	398.9 > 79.6	4.41e2	1.95e3	0.248			2.83	6.5447			
15	10 6:2 FTS	427.1 > 407	1.14e3	4.00e3	0.248	0.000	4.18	3.57	14.0814		2.64	NO
16	13 PFHpS	449 > 80.0	1.87e1	3.68e3	0.248	0.000	4.36	0.0633			0.352	YES
17	42 18O2-PFHxS	403.0 > 10...	1.95e3	4.53e3	0.248	0.431	3.86	5.38	41.9555	83.3		
18	42 18O2-PFHxS	403.0 > 10...	1.95e3	4.53e3	0.248	0.431	3.86	5.38	41.9555	83.3		
19	42 18O2-PFHxS	403.0 > 10...	1.95e3	4.53e3	0.248	0.431	3.86	5.38	41.9555	83.3		
20	43 13C2-6:2 FTS	429.1 > 40...	4.00e3	3.57e4	0.248	0.112	4.18	1.40	42.2347	83.8		
21	47 13C8-PFOS	507.0 > 79.9	3.68e3	4.93e3	0.248	0.748	4.77	9.35	35.4645	70.4		
22	-1											
23	11 L-PFOA	412.8 > 36...	3.95e4	2.41e4	0.248	0.000	4.24	20.5	66.8617		3.36	NO
24	12 Br-PFOA	412.8 > 36...	2.61e2	2.41e4	0.248	0.000	4.11	0.135			2.19	NO
25	69 Total PFOA	412.8 > 36...	3.98e4	2.41e4	0.248			20.5	66.8617			
26	14 PFNA	463.0 > 41...	9.22e5	1.50e4	0.248	0.000	4.68	767	2471.9844		5.51	NO
27	15 PFOSA	497.9 > 77.9		1.87e3	0.248							
28	44 13C2-PFOA	414.9 > 36...	2.41e4	3.57e4	0.248	0.675	4.24	8.44	39.4594	78.3		
29	44 13C2-PFOA	414.9 > 36...	2.41e4	3.57e4	0.248	0.675	4.24	8.44	39.4594	78.3		
30	44 13C2-PFOA	414.9 > 36...	2.41e4	3.57e4	0.248	0.675	4.24	8.44	39.4594	78.3		
31	45 13C5-PFNA	468.2 > 42...	1.50e4	2.25e4	0.248	0.668	4.68	8.35	35.0509	69.6		
32	46 13C8-PFOSA	506.1 > 77.7	1.87e3	3.66e4	0.248	0.0511	4.74	0.639	13.1609	26.1		
33	-1											
34	16 L-PFOS	498.9 > 79.9		3.68e3	0.248							
35	17 Br-PFOS	498.9 > 79.9		3.68e3	0.248							
36	70 Total PFOS	498.9 > 79.9	0.00e0	3.68e3	0.248			0.000				
37	18 PFDA	513 > 468.8	2.12e4	1.73e4	0.248	0.000	5.07	15.4	50.5581		7.61	NO

Dataset: Untitled

Last Altered: Saturday, September 15, 2018 11:43:08 Pacific Daylight Time

Printed: Saturday, September 15, 2018 11:43:14 Pacific Daylight Time

Name: 180825M1_37, Date: 25-Aug-2018, Time: 19:54:15, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	19 8:2 FTS	527 > 506.9	6.15e2	2.55e3	0.248	0.000	5.03	3.01	8.3970		2.85	NO
39	47 13C8-PFOS	507.0 > 79.9	3.68e3	4.93e3	0.248	0.748	4.77	9.35	35.4645	70.4		
40	47 13C8-PFOS	507.0 > 79.9	3.68e3	4.93e3	0.248	0.748	4.77	9.35	35.4645	70.4		
41	47 13C8-PFOS	507.0 > 79.9	3.68e3	4.93e3	0.248	0.748	4.77	9.35	35.4645	70.4		
42	48 13C2-PFDA	515.1 > 46...	1.73e4	2.97e4	0.248	0.581	5.07	7.26	31.0117	61.5		
43	49 13C2-8:2 FTS	529.1 > 50...	2.55e3	3.57e4	0.248	0.0714	5.04	0.893	34.3264	68.1		
44	-1											
45	26 PFDS	598.8 > 79.9		3.68e3	0.248							
46	25 PFUdA	563.0 > 51...	5.39e4	1.89e4	0.248	0.000	5.40	35.5	152.6590		12.4	NO
47	27 PFDoA	612.9 > 56...	5.63e1	1.88e4	0.248	0.000	5.69	0.0375	0.0340			
48	29 PFTrDA	662.9 > 61...	3.66e1	1.88e4	0.248	0.000	6.04	0.0244				
49	30 PFTeDA	712.8 > 66...	7.61e1	1.48e4	0.248	0.000	6.15	0.0641				
50	47 13C8-PFOS	507.0 > 79.9	3.68e3	4.93e3	0.248	0.748	4.77	9.35	35.4645	70.4		
51	51 13C2-PFUdA	565 > 519.8	1.89e4	3.66e4	0.248	0.517	5.40	6.46	25.8555	51.3		
52	53 13C2-PFDoA	615.0 > 56...	1.88e4	2.97e4	0.248	0.632	5.68	7.89	27.8496	55.3		
53	53 13C2-PFDoA	615.0 > 56...	1.88e4	2.97e4	0.248	0.632	5.68	7.89	27.8496	55.3		
54	55 13C2-PFTeDA	714.8 > 66...	1.48e4	3.66e4	0.248	0.405	6.15	5.06	28.2062	56.0		
55	-1											
56	33 PFODA	913.1 > 86...	3.98e1	8.36e3	0.248	0.000	6.48	0.0238	0.0249			
57	32 PFHxDA	813.1 > 76...	1.29e2	8.36e3	0.248	0.000	6.49	0.0773				
58	73 TCDA	498.3>106.9			0.248							
59	60 13C4-PFBA	217. > 172	1.67e4	1.67e4	0.248	1.00	1.26	12.5	50.3931	100.0		
60	61 13C5-PFHxA	318 > 272.9	3.32e4	3.32e4	0.248	1.00	3.08	12.5	50.3931	100.0		
61	57 13C2-PFHxDA	815 > 769.7	8.36e3	3.66e4	0.248	0.570	6.49	2.85	12.5135	62.1		
62	57 13C2-PFHxDA	815 > 769.7	8.36e3	3.66e4	0.248	0.570	6.49	2.85	12.5135	62.1		
63	47 13C8-PFOS	507.0 > 79.9	3.68e3	4.93e3	0.248	0.748	4.77	9.35	35.4645	70.4		
64	62 13C3-PFHxS	401.8 > 79.9	4.53e3	4.53e3	0.248	1.00	3.86	12.5	50.3931	100.0		
65	63 13C8-PFOA	420.9 > 376	3.57e4	3.57e4	0.248	1.00	4.24	12.5	50.3931	100.0		
66	-1											
67	64 13C9-PFNA	472.2 > 42...	2.25e4	2.25e4	0.248	1.00	4.68	12.5	50.3931	100.0		
68	65 13C4-PFOS	503 > 79.9	4.93e3	4.93e3	0.248	1.00	4.77	12.5	50.3931	100.0		
69	66 13C6-PFDA	519.1 > 47...	2.97e4	2.97e4	0.248	1.00	5.07	12.5	50.3931	100.0		
70	67 13C7-PFUdA	570.1 > 52...	3.66e4	3.66e4	0.248	1.00	5.40	12.5	50.3931	100.0		

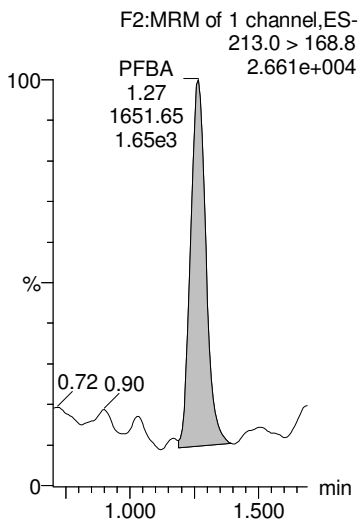
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Printed: Saturday, September 15, 2018 11:43:14 Pacific Daylight Time

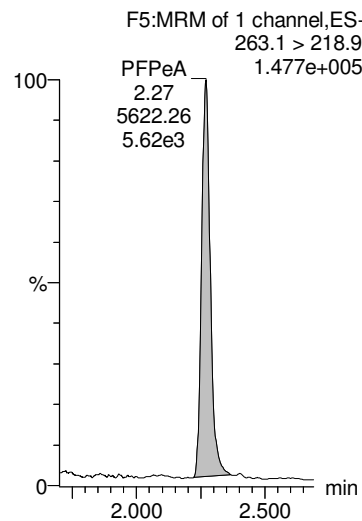
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Name: 180825M1_37, Date: 25-Aug-2018, Time: 19:54:15, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

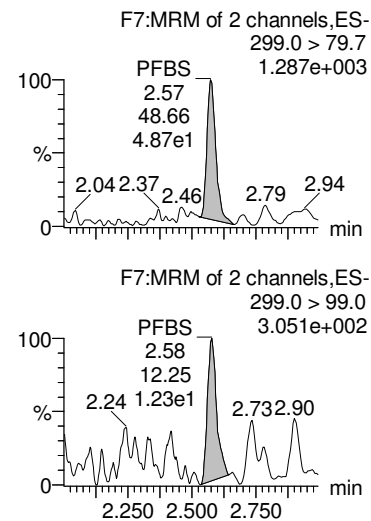
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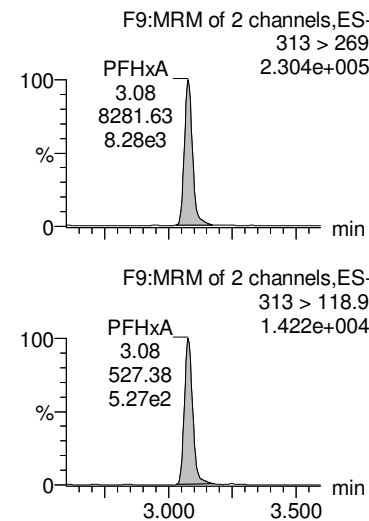
PFPeA



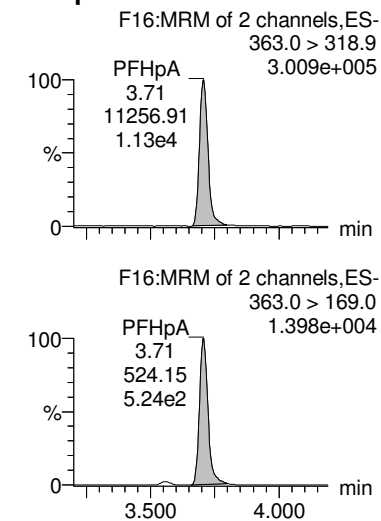
PFBS



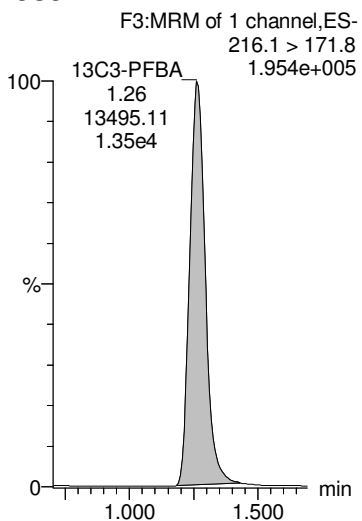
PFHxA



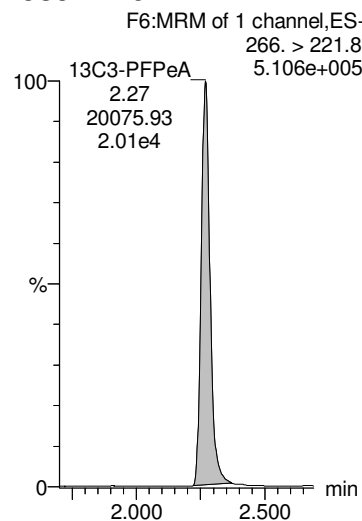
PFHpA



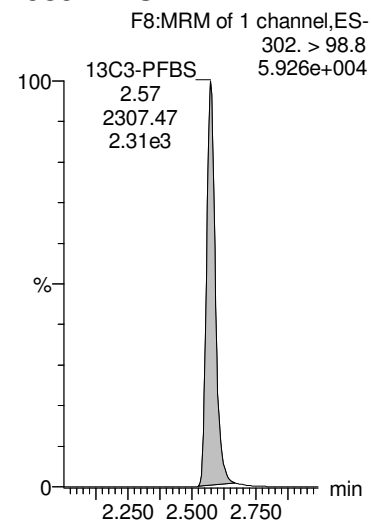
13C3-PFBA



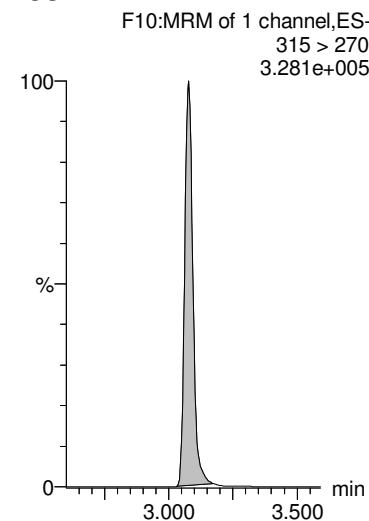
13C3-PFPeA



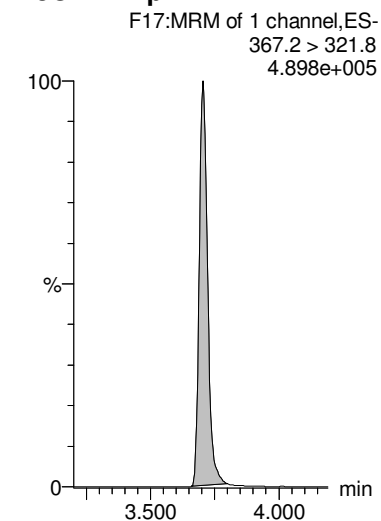
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



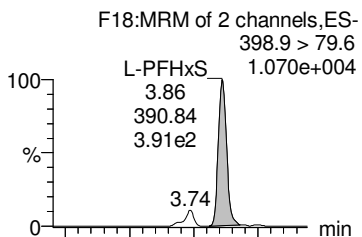
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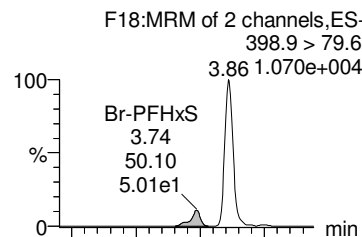
Printed: Saturday, September 15, 2018 11:43:14 Pacific Daylight Time

Name: 180825M1_37, Date: 25-Aug-2018, Time: 19:54:15, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

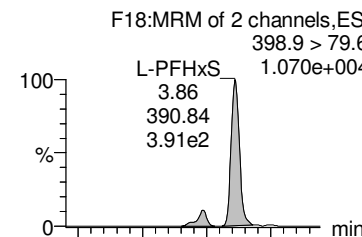
L-PFHxS



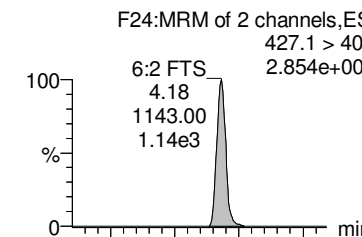
Br-PFHxS



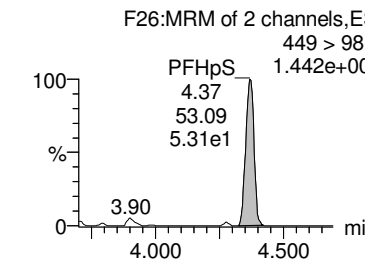
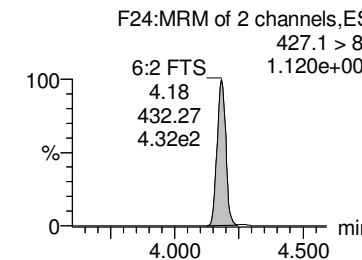
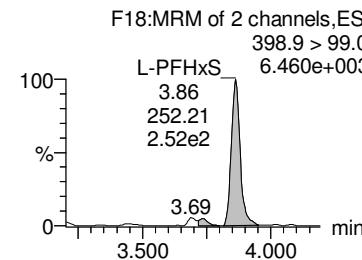
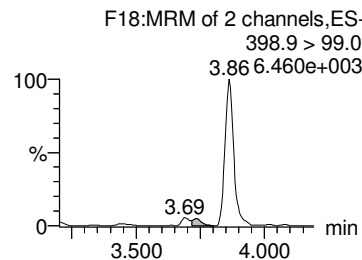
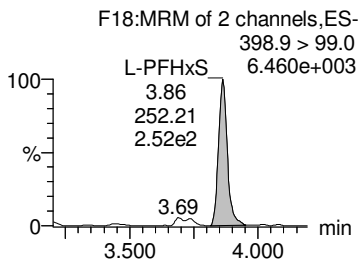
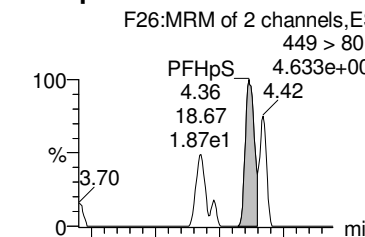
Total PFHxS



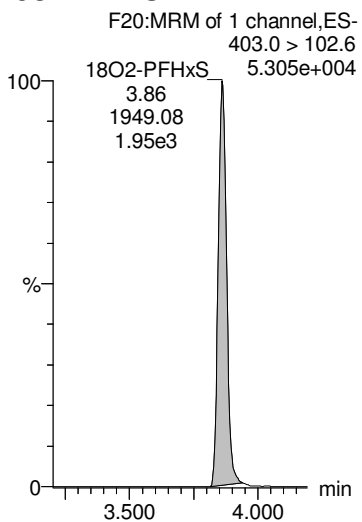
6:2 FTS



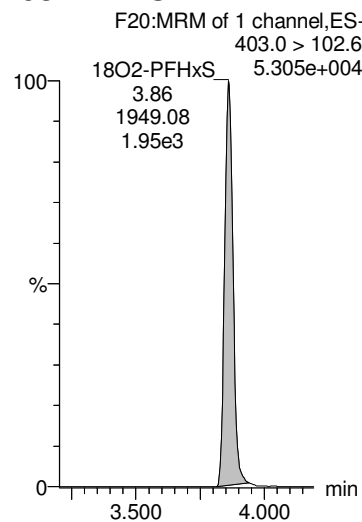
PFHpS



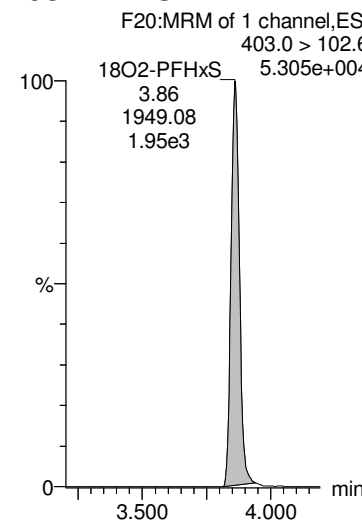
18O2-PFHxS



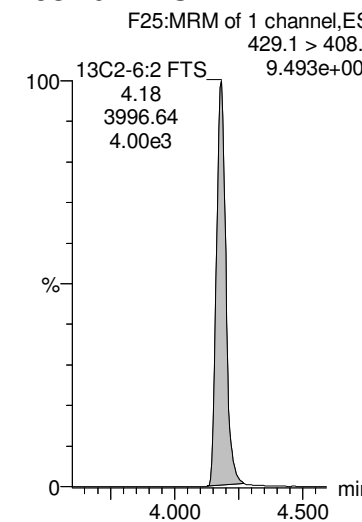
18O2-PFHxS



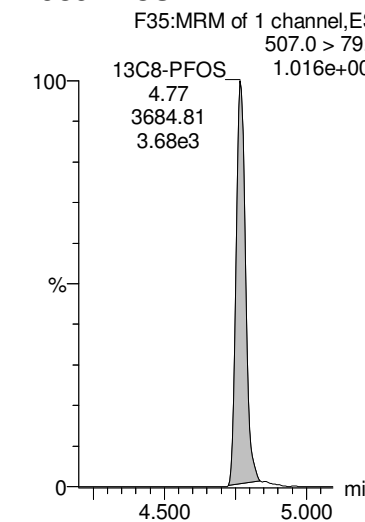
18O2-PFHxS



13C2-6:2 FTS



13C8-PFOS



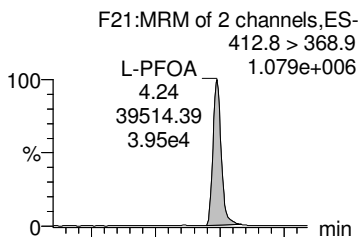
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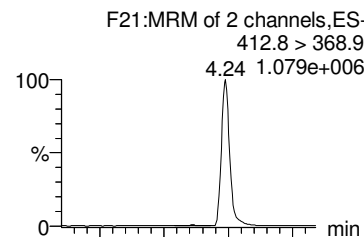
Printed: Saturday, September 15, 2018 11:43:14 Pacific Daylight Time

Name: 180825M1_37, Date: 25-Aug-2018, Time: 19:54:15, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

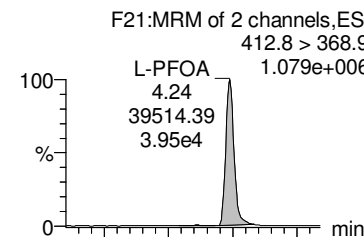
L-PFOA



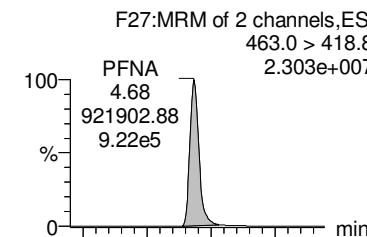
Br-PFOA



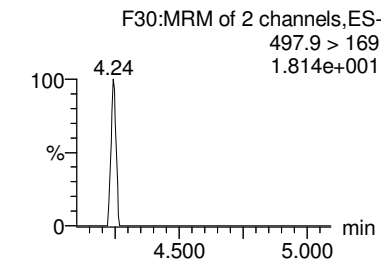
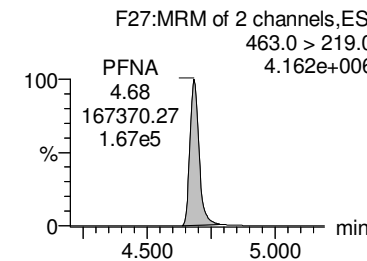
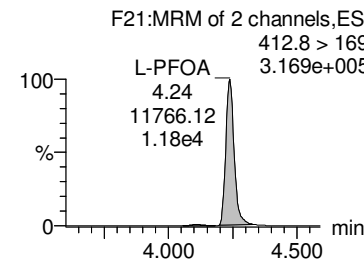
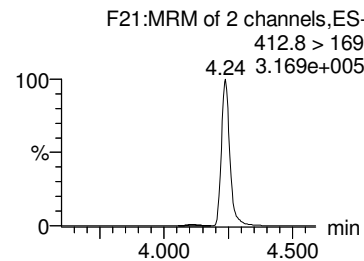
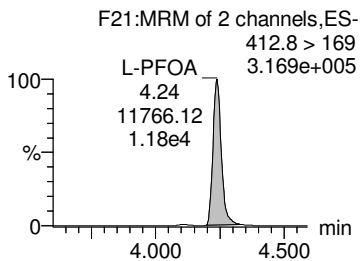
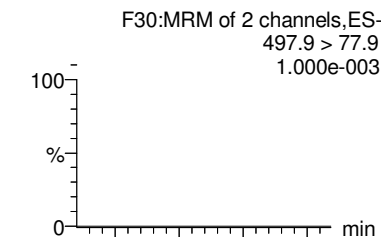
Total PFOA



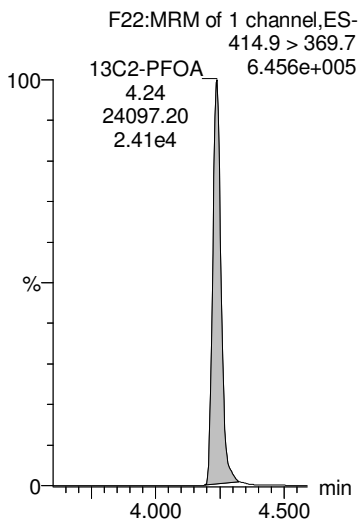
PFNA



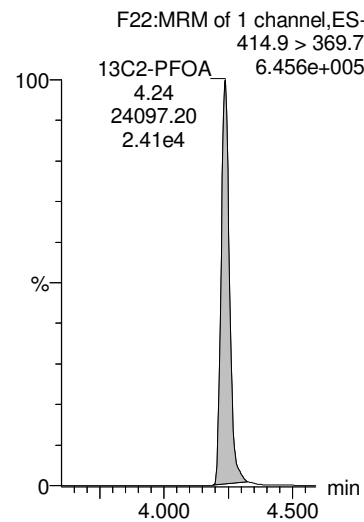
PFOSA



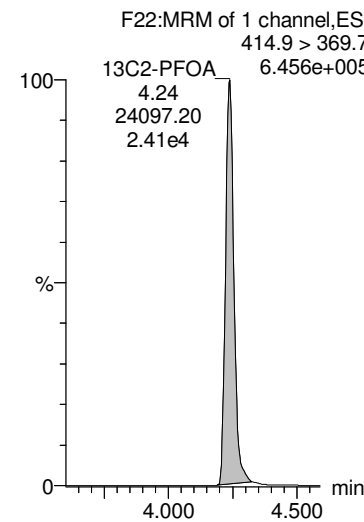
13C2-PFOA



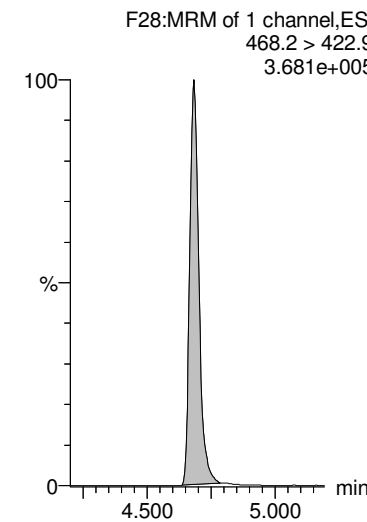
13C2-PFOA



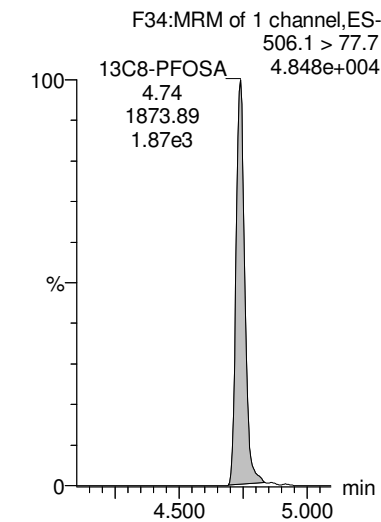
13C2-PFOA



13C5-PFNA



13C8-PFOSA



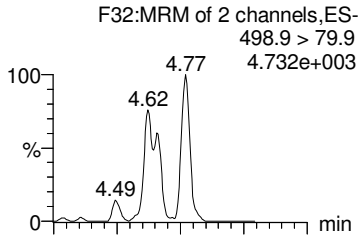
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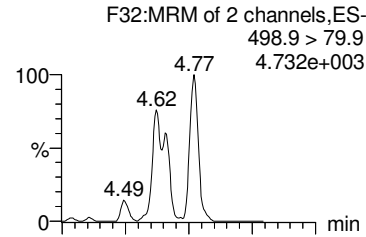
Printed: Saturday, September 15, 2018 11:43:14 Pacific Daylight Time

Name: 180825M1_37, Date: 25-Aug-2018, Time: 19:54:15, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

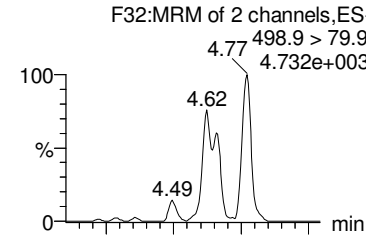
L-PFOS



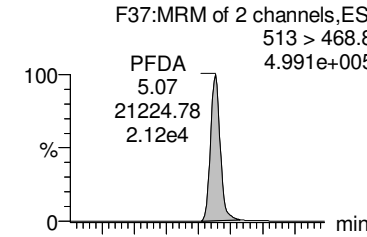
Br-PFOS



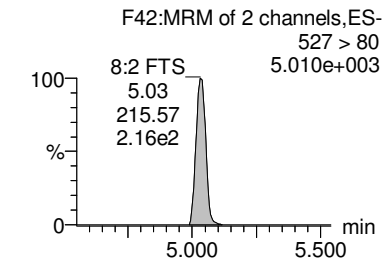
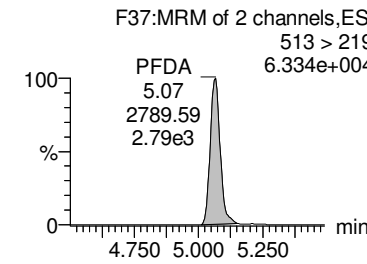
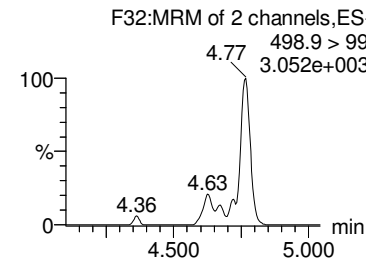
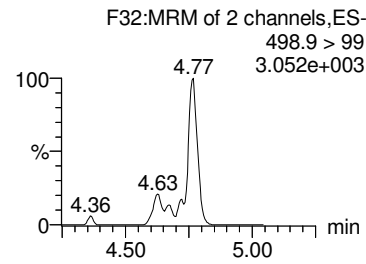
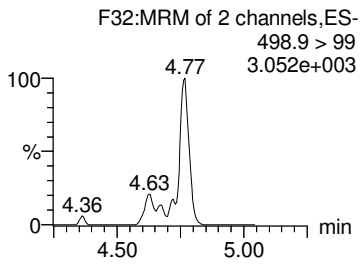
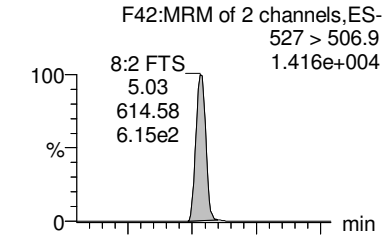
Total PFOS



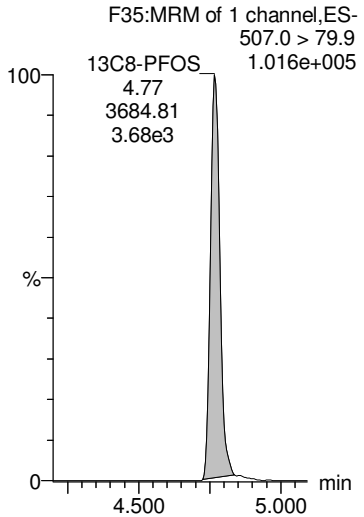
PFDA



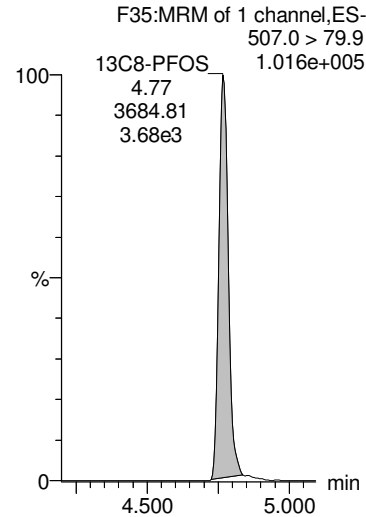
8:2 FTS



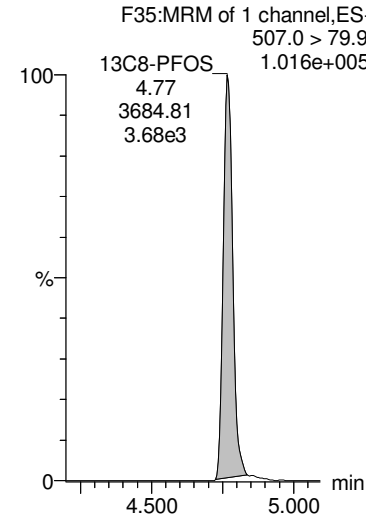
13C8-PFOS



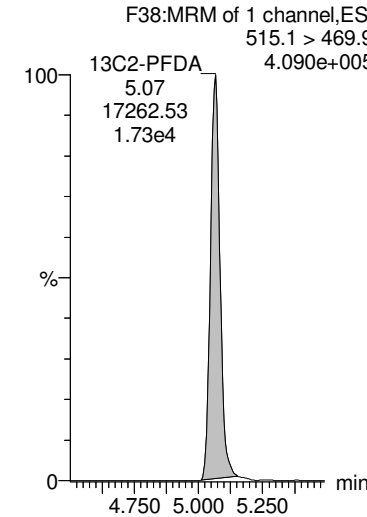
13C8-PFOS



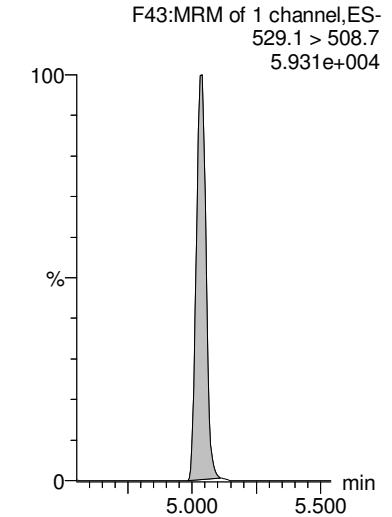
13C8-PFOS



13C2-PFDA



13C2-8:2 FTS



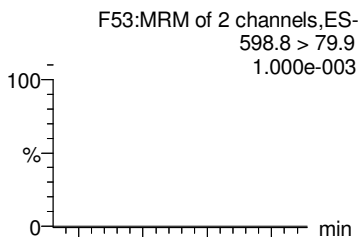
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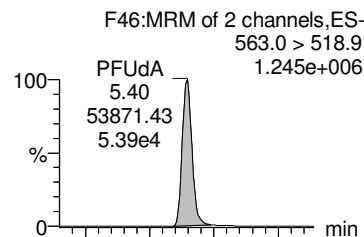
Printed: Saturday, September 15, 2018 11:43:14 Pacific Daylight Time

Name: 180825M1_37, Date: 25-Aug-2018, Time: 19:54:15, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

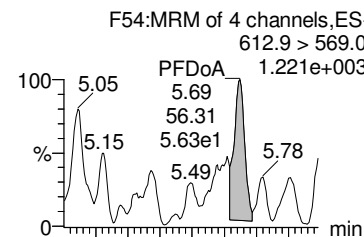
PFDS



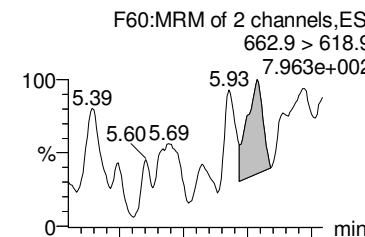
PFUdA



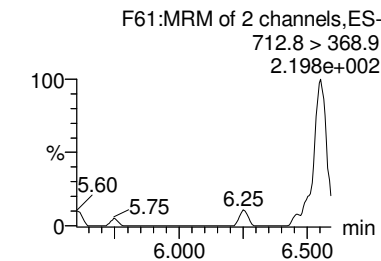
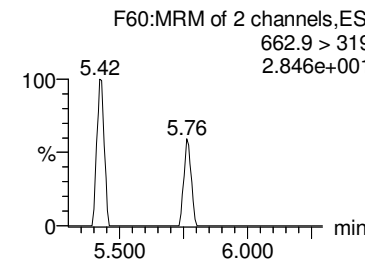
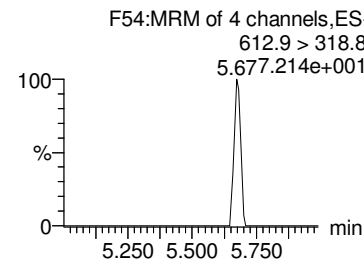
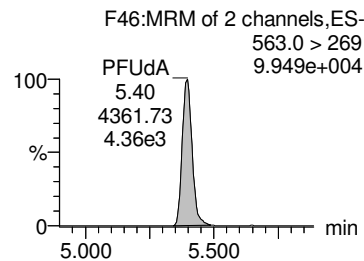
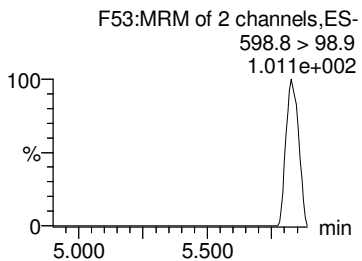
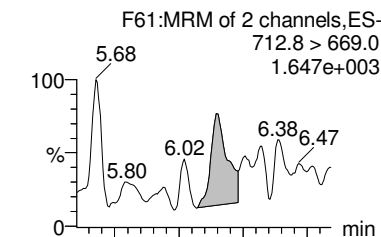
PFDoA



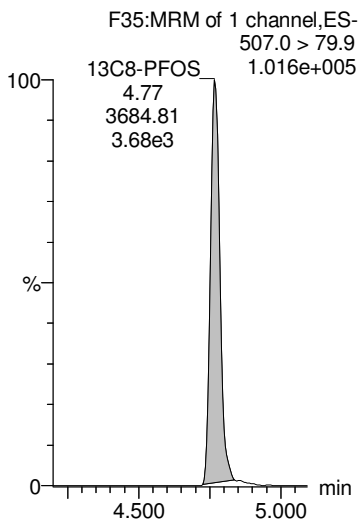
PFTrDA



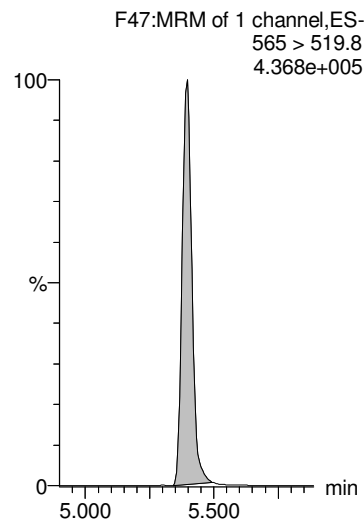
PFTeDA



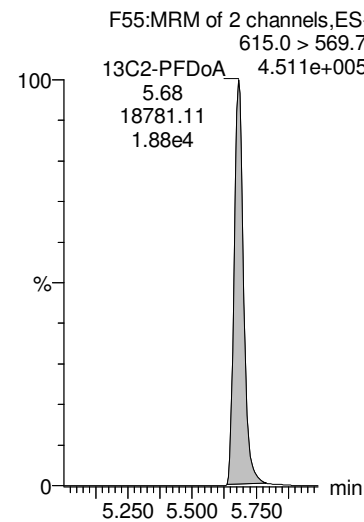
13C8-PFOS



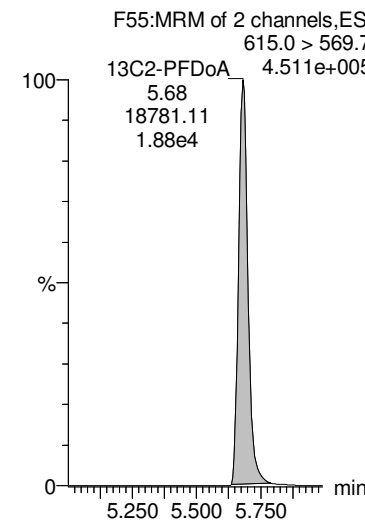
13C2-PFUdA



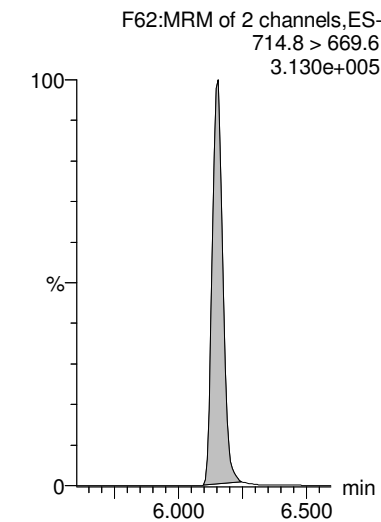
13C2-PFDoA



13C2-PFDoA



13C2-PFTeDA



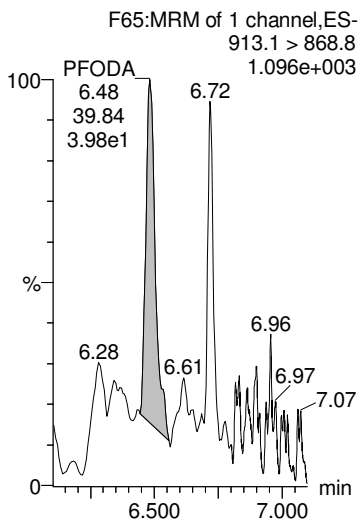
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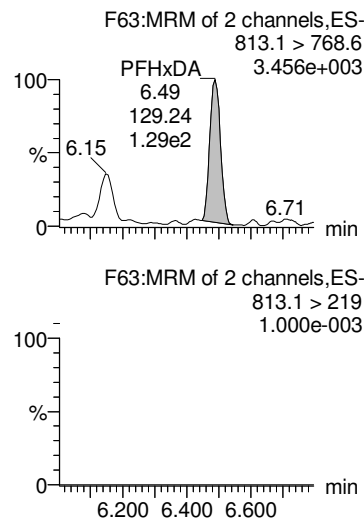
Printed: Saturday, September 15, 2018 11:43:14 Pacific Daylight Time

Name: 180825M1_37, Date: 25-Aug-2018, Time: 19:54:15, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

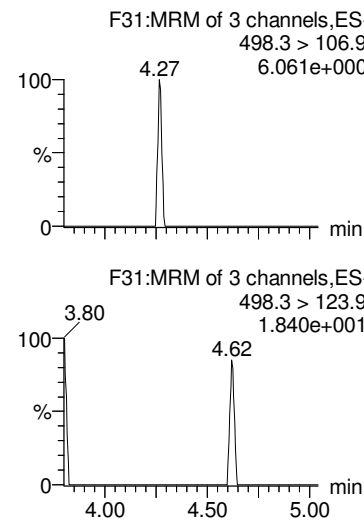
PFODA



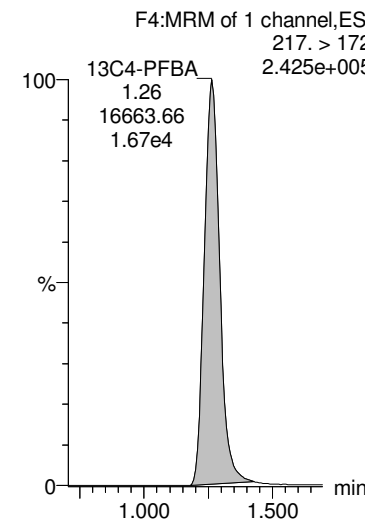
PFHxDA



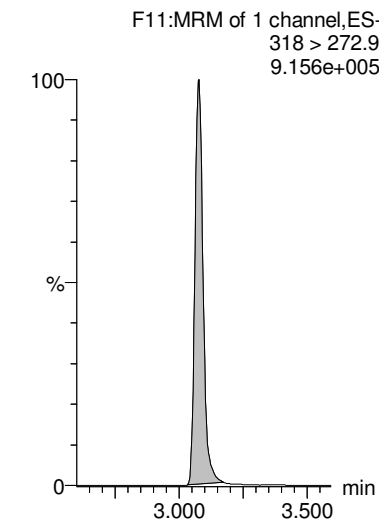
TCDA



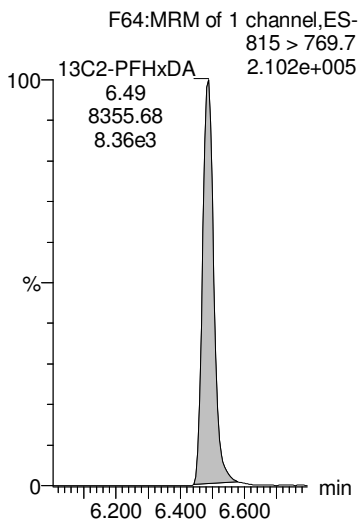
13C4-PFBA



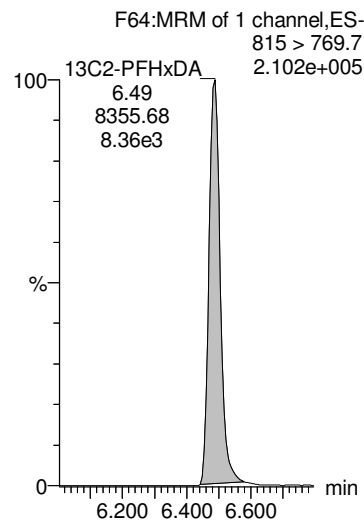
13C5-PFHxA



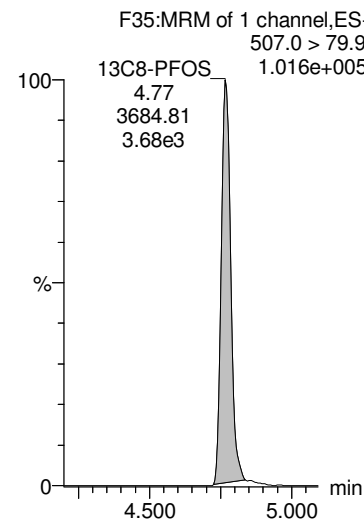
13C2-PFHxDA



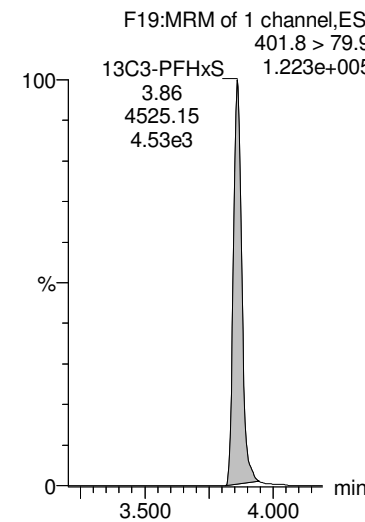
13C2-PFHxDA



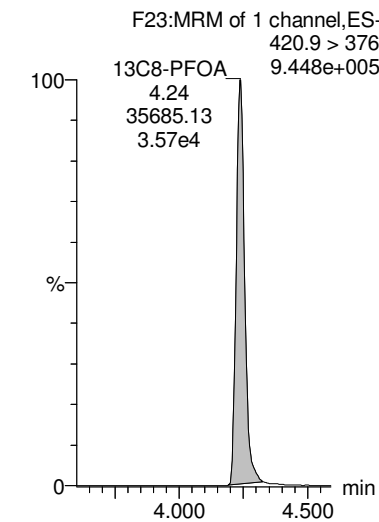
13C8-PFOS



13C3-PFHxS



13C8-PFOA



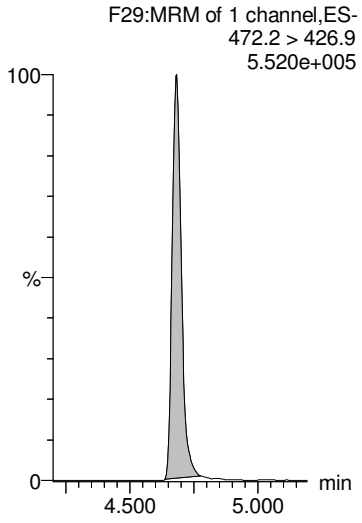
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Last Altered: Saturday, September 15, 2018 11:43:08 Pacific Daylight Time

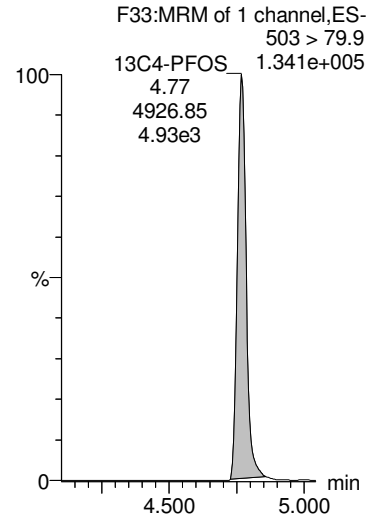
Printed: Saturday, September 15, 2018 11:43:14 Pacific Daylight Time

Name: 180825M1_37, Date: 25-Aug-2018, Time: 19:54:15, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

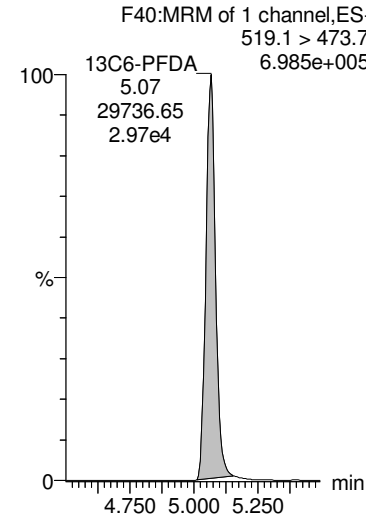
13C9-PFNA



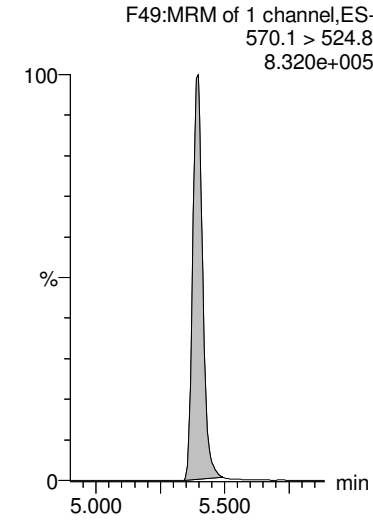
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Untitled

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Name: 180825M1_38, Date: 25-Aug-2018, Time: 20:04:53, ID: 1802094-07 SA-MW128I-20180726 0.253, Description: SA-MW128I-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	2.30e3	1.33e4	0.253	0.000	1.27	2.16	7.3318			
2	2 PFPeA	263.1 > 21...	9.21e3	1.98e4	0.253	0.000	2.27	5.81	23.8993			
3	3 PFBS	299.0 > 79.7	3.64e1	2.33e3	0.253	0.000	2.57	0.195	0.3192		2.96	NO
4	5 PFHxA	313 > 269	1.29e4	1.20e4	0.253	0.000	3.08	5.39	22.4927		14.8	NO
5	7 PFHpA	363.0 > 31...	2.79e4	1.83e4	0.253	0.000	3.70	19.1	64.5637		23.5	NO
6	36 13C3-PFBA	216.1 > 17...	1.33e4	1.64e4	0.253	0.812	1.27	10.2	48.5600	98.3		
7	37 13C3-PFPeA	266. > 221.8	1.98e4	3.25e4	0.253	0.610	2.27	7.62	47.0827	95.3		
8	38 13C3-PFBS	302. > 98.8	2.33e3	3.25e4	0.253	0.0717	2.57	0.897	54.4113	110.1		
9	40 13C2-PFHxA	315 > 270	1.20e4	3.25e4	0.253	0.920	3.08	4.60	18.7910	95.1		
10	41 13C4-PFHpA	367.2 > 32...	1.83e4	3.25e4	0.253	0.562	3.70	7.02	47.4307	96.0		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	5.56e1	2.14e3	0.253	0.000	3.86	0.325	0.7133		1.62	NO
13	9 Br-PFHxS	398.9 > 79.6		2.14e3	0.253							
14	68 Total PFHxS	398.9 > 79.6	5.56e1	2.14e3	0.253			0.325	0.7133			
15	10 6:2 FTS	427.1 > 407	3.37e3	4.29e3	0.253	0.000	4.18	9.81	38.7633		2.69	NO
16	13 PFHpS	449 > 80.0	5.62e0	4.28e3	0.253	0.000	4.35	0.0164			1.00	YES
17	42 18O2-PFHxS	403.0 > 10...	2.14e3	4.33e3	0.253	0.494	3.86	6.18	47.2203	95.6		
18	42 18O2-PFHxS	403.0 > 10...	2.14e3	4.33e3	0.253	0.494	3.86	6.18	47.2203	95.6		
19	42 18O2-PFHxS	403.0 > 10...	2.14e3	4.33e3	0.253	0.494	3.86	6.18	47.2203	95.6		
20	43 13C2-6:2 FTS	429.1 > 40...	4.29e3	3.51e4	0.253	0.122	4.18	1.53	45.1914	91.5		
21	47 13C8-PFOS	507.0 > 79.9	4.28e3	4.85e3	0.253	0.883	4.77	11.0	41.0444	83.1		
22	-1											
23	11 L-PFOA	412.8 > 36...	5.31e4	2.52e4	0.253	0.000	4.24	26.4	84.4210		3.38	NO
24	12 Br-PFOA	412.8 > 36...	2.12e2	2.52e4	0.253	0.000	4.11	0.105			1.57	NO
25	69 Total PFOA	412.8 > 36...	5.33e4	2.52e4	0.253			26.4	84.4210			
26	14 PFNA	463.0 > 41...	8.35e5	1.72e4	0.253	0.000	4.68	606	1933.7446		5.38	NO
27	15 PFOSA	497.9 > 77.9		1.93e3	0.253							
28	44 13C2-PFOA	414.9 > 36...	2.52e4	3.51e4	0.253	0.718	4.24	8.97	41.1093	83.2		
29	44 13C2-PFOA	414.9 > 36...	2.52e4	3.51e4	0.253	0.718	4.24	8.97	41.1093	83.2		
30	44 13C2-PFOA	414.9 > 36...	2.52e4	3.51e4	0.253	0.718	4.24	8.97	41.1093	83.2		
31	45 13C5-PFNA	468.2 > 42...	1.72e4	2.44e4	0.253	0.705	4.68	8.82	36.3042	73.5		
32	46 13C8-PFOSA	506.1 > 77.7	1.93e3	3.62e4	0.253	0.0532	4.74	0.665	13.4290	27.2		
33	-1											
34	16 L-PFOS	498.9 > 79.9	2.97e2	4.28e3	0.253	0.000	4.77	0.868	3.3739		1.79	NO
35	17 Br-PFOS	498.9 > 79.9	1.54e2	4.28e3	0.253	0.000	4.62	0.449	1.6582		5.59	NO
36	70 Total PFOS	498.9 > 79.9	4.51e2	4.28e3	0.253			1.32	5.0322			
37	18 PFDA	513 > 468.8	2.33e4	1.98e4	0.253	0.000	5.07	14.8	47.5937		6.54	NO

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	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	19 8:2 FTS	527 > 506.9	3.98e2	2.54e3	0.253	0.000	5.04	1.96	5.2545		2.09	NO
39	47 13C8-PFOS	507.0 > 79.9	4.28e3	4.85e3	0.253	0.883	4.77	11.0	41.0444	83.1		
40	47 13C8-PFOS	507.0 > 79.9	4.28e3	4.85e3	0.253	0.883	4.77	11.0	41.0444	83.1		
41	47 13C8-PFOS	507.0 > 79.9	4.28e3	4.85e3	0.253	0.883	4.77	11.0	41.0444	83.1		
42	48 13C2-PFDA	515.1 > 46...	1.98e4	3.38e4	0.253	0.584	5.07	7.31	30.6088	62.0		
43	49 13C2-8:2 FTS	529.1 > 50...	2.54e3	3.51e4	0.253	0.0723	5.04	0.903	34.0479	68.9		
44	-1											
45	26 PFDS	598.8 > 79.9		4.28e3	0.253							
46	25 PFUdA	563.0 > 51...	1.09e5	2.06e4	0.253	0.000	5.40	66.3	279.7086		12.6	NO
47	27 PFDoA	612.9 > 56...	7.36e1	2.08e4	0.253	0.000	5.68	0.0442	0.0578		13.9	YES
48	29 PFTrDA	662.9 > 61...	2.68e1	2.08e4	0.253	0.000	5.92	0.0161				
49	30 PFTeDA	712.8 > 66...	4.92e1	1.61e4	0.253	0.000	6.15	0.0382				
50	47 13C8-PFOS	507.0 > 79.9	4.28e3	4.85e3	0.253	0.883	4.77	11.0	41.0444	83.1		
51	51 13C2-PFUdA	565 > 519.8	2.06e4	3.62e4	0.253	0.568	5.40	7.10	27.8260	56.3		
52	53 13C2-PFDoA	615.0 > 56...	2.08e4	3.38e4	0.253	0.616	5.68	7.69	26.6097	53.9		
53	53 13C2-PFDoA	615.0 > 56...	2.08e4	3.38e4	0.253	0.616	5.68	7.69	26.6097	53.9		
54	55 13C2-PFTeDA	714.8 > 66...	1.61e4	3.62e4	0.253	0.444	6.15	5.55	30.3417	61.4		
55	-1											
56	33 PFODA	913.1 > 86...	4.87e1	9.88e3	0.253	0.000	6.49	0.0247	0.0283			
57	32 PFHxDA	813.1 > 76...	1.45e2	9.88e3	0.253	0.000	6.49	0.0733				
58	73 TCDA	498.3>106.9			0.253							
59	60 13C4-PFBA	217. > 172	1.64e4	1.64e4	0.253	1.00	1.26	12.5	49.4071	100.0		
60	61 13C5-PFHxA	318 > 272.9	3.25e4	3.25e4	0.253	1.00	3.07	12.5	49.4071	100.0		
61	57 13C2-PFHxDA	815 > 769.7	9.88e3	3.62e4	0.253	0.681	6.49	3.41	14.6639	74.2		
62	57 13C2-PFHxDA	815 > 769.7	9.88e3	3.62e4	0.253	0.681	6.49	3.41	14.6639	74.2		
63	47 13C8-PFOS	507.0 > 79.9	4.28e3	4.85e3	0.253	0.883	4.77	11.0	41.0444	83.1		
64	62 13C3-PFHxS	401.8 > 79.9	4.33e3	4.33e3	0.253	1.00	3.86	12.5	49.4071	100.0		
65	63 13C8-PFOA	420.9 > 376	3.51e4	3.51e4	0.253	1.00	4.24	12.5	49.4071	100.0		
66	-1											
67	64 13C9-PFNA	472.2 > 42...	2.44e4	2.44e4	0.253	1.00	4.68	12.5	49.4071	100.0		
68	65 13C4-PFOS	503 > 79.9	4.85e3	4.85e3	0.253	1.00	4.77	12.5	49.4071	100.0		
69	66 13C6-PFDA	519.1 > 47...	3.38e4	3.38e4	0.253	1.00	5.07	12.5	49.4071	100.0		
70	67 13C7-PFUdA	570.1 > 52...	3.62e4	3.62e4	0.253	1.00	5.40	12.5	49.4071	100.0		

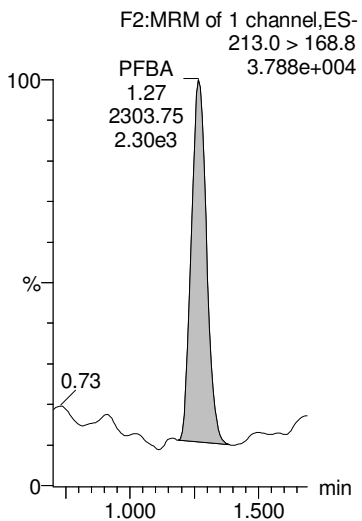
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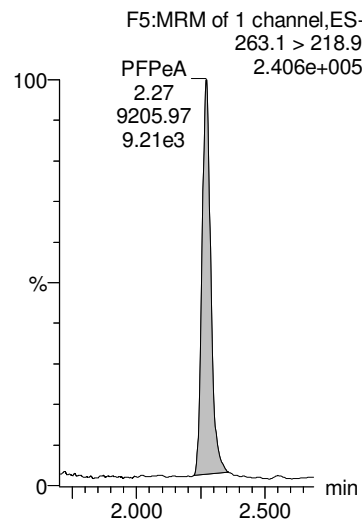
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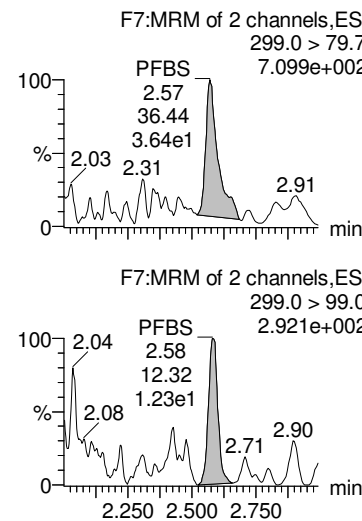
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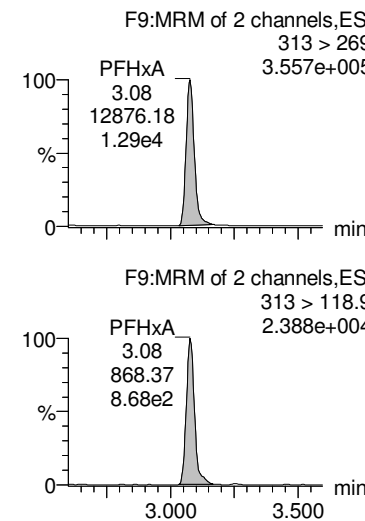
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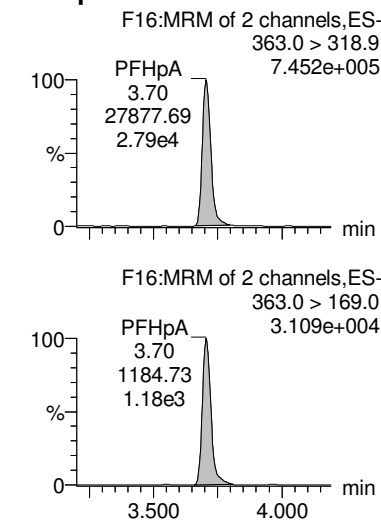
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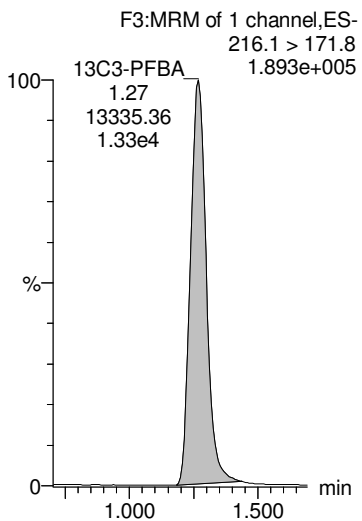
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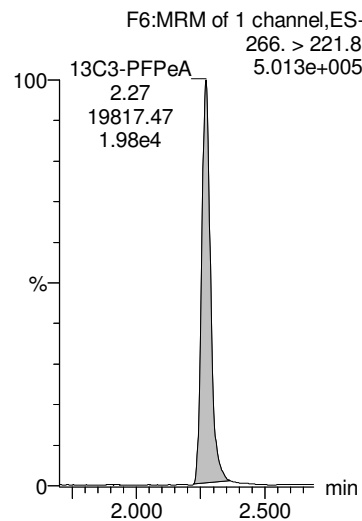
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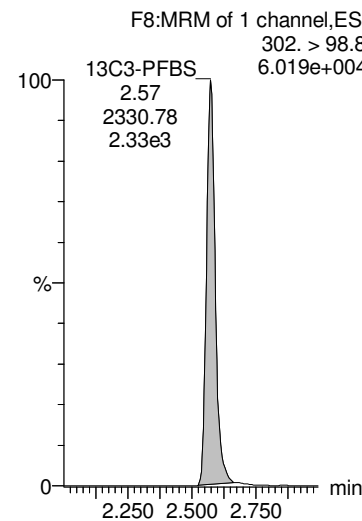
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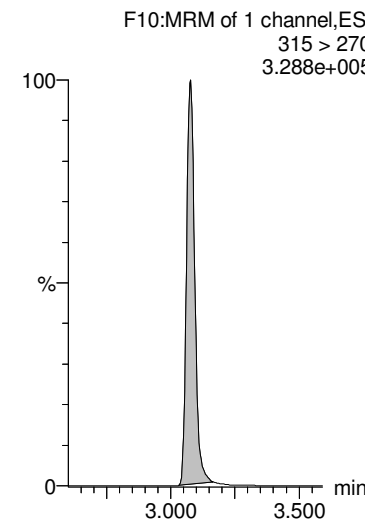
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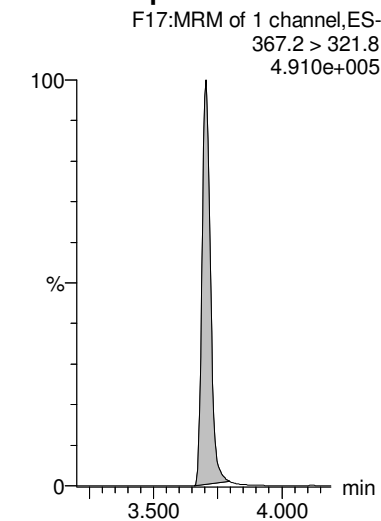
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13C2-PFHxA



13C4-PFHpA



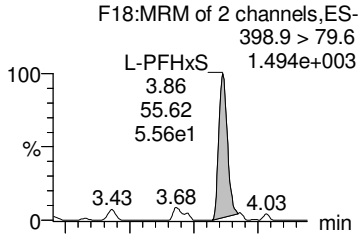
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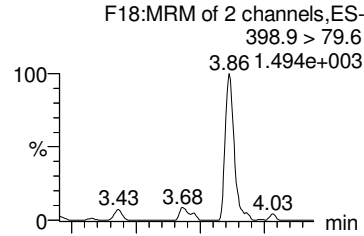
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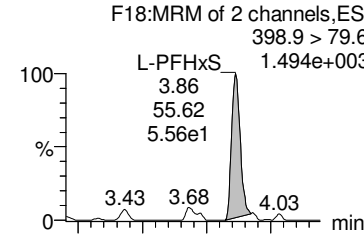
L-PFHxS



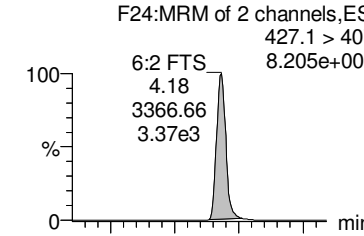
Br-PFHxS



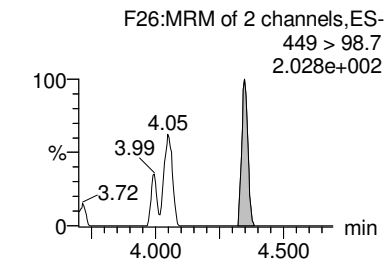
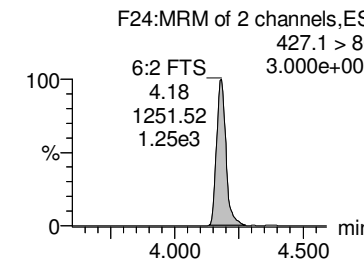
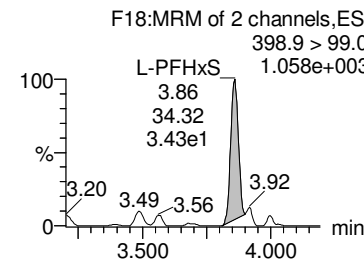
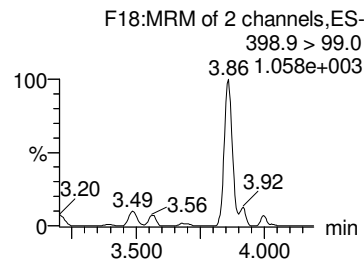
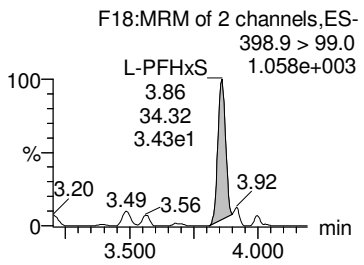
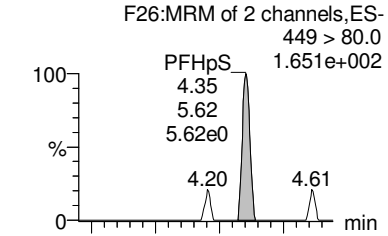
Total PFHxS



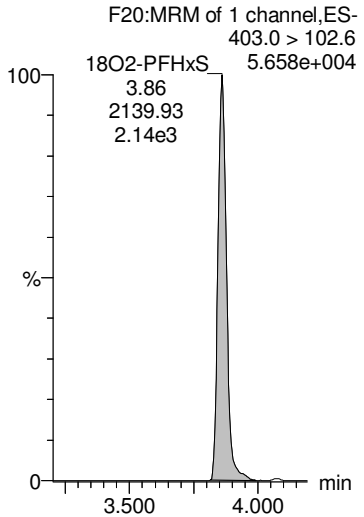
6:2 FTS



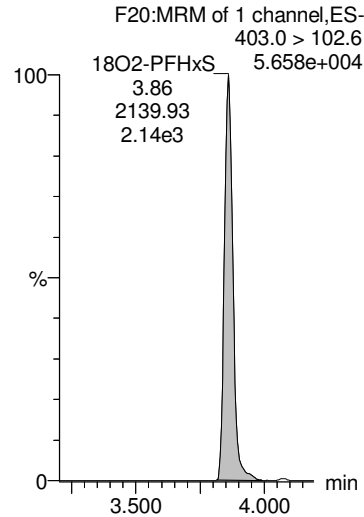
PFHpS



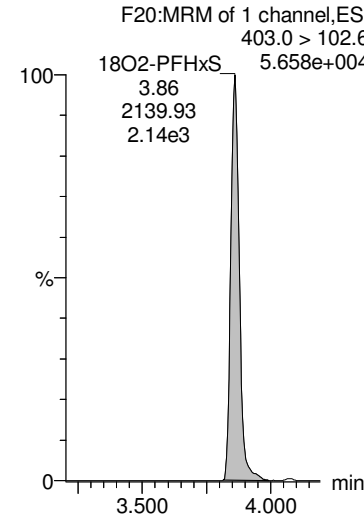
18O2-PFHxS



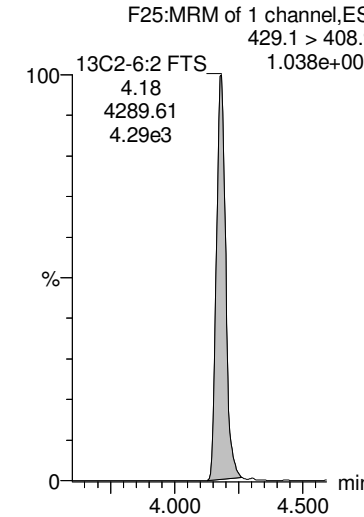
18O2-PFHxS



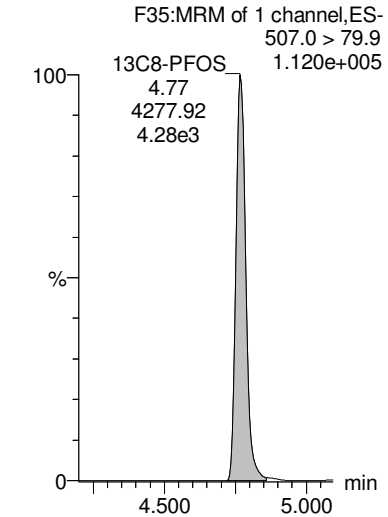
18O2-PFHxS



13C2-6:2 FTS



13C8-PFOS

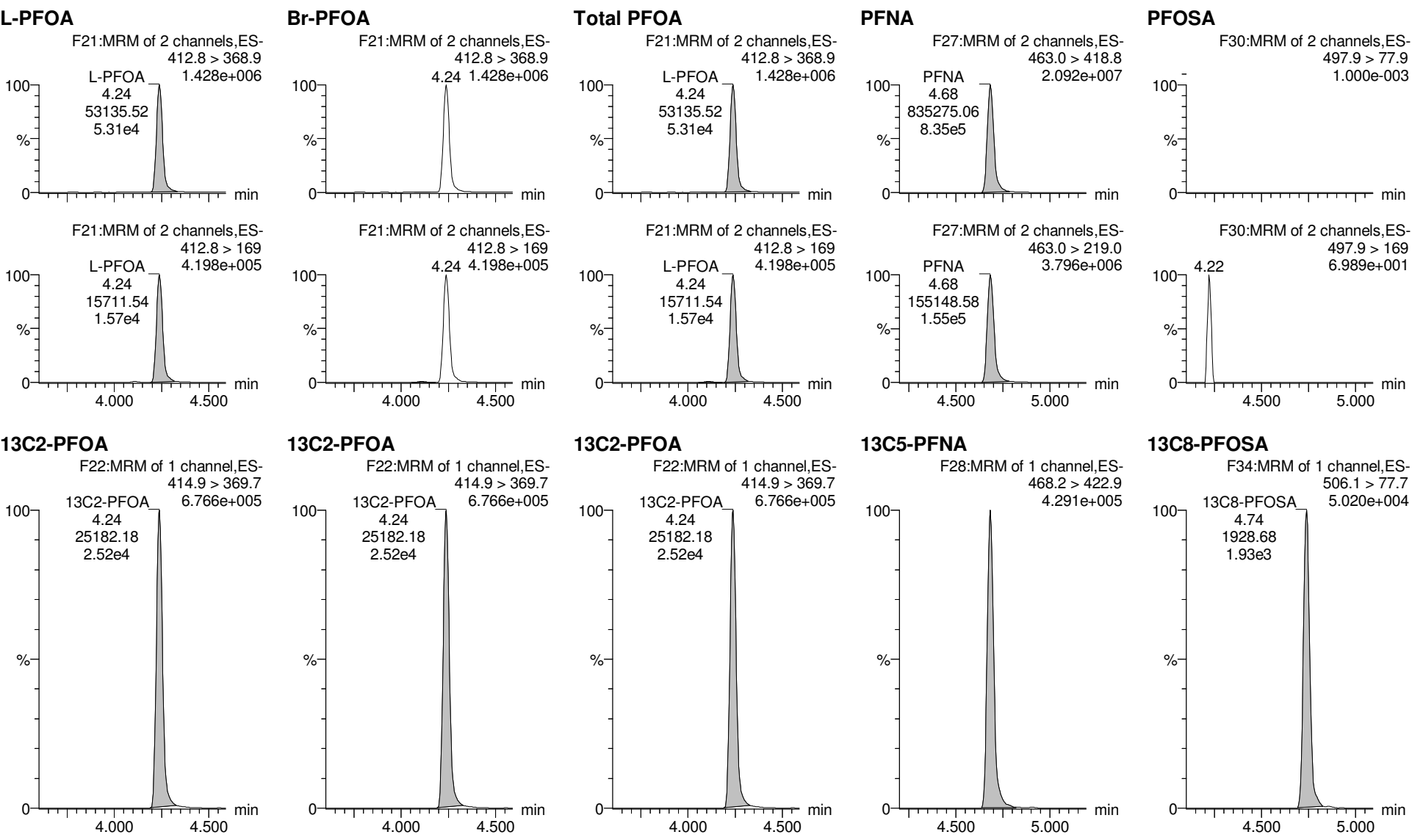


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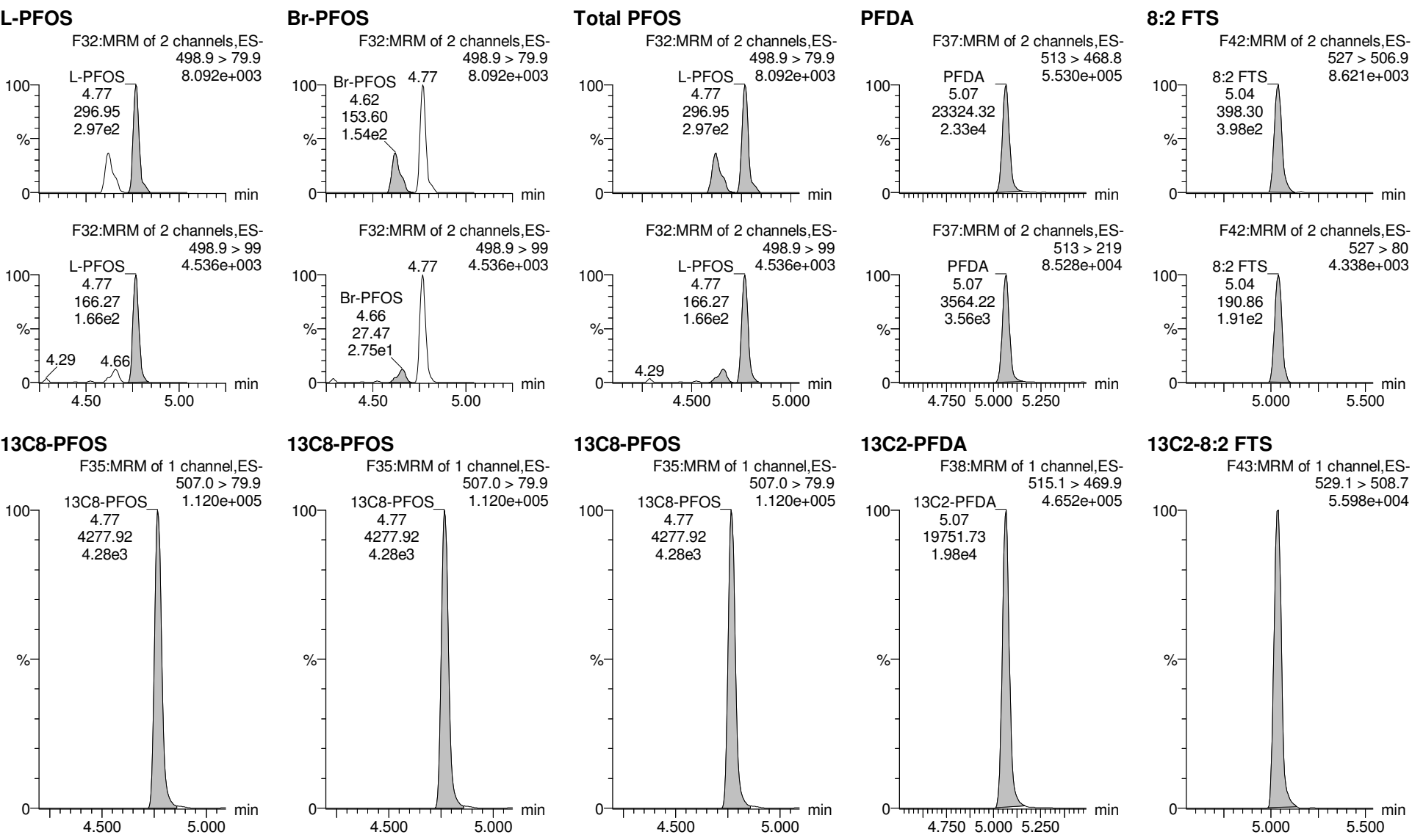


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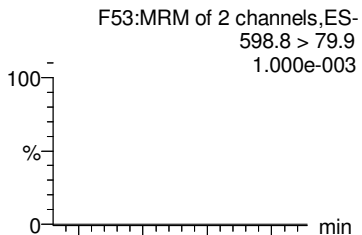
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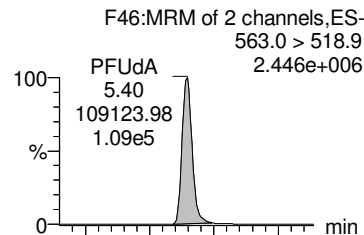
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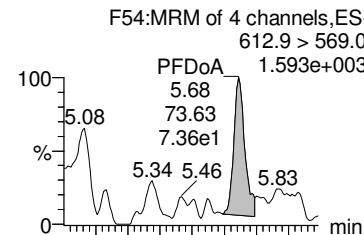
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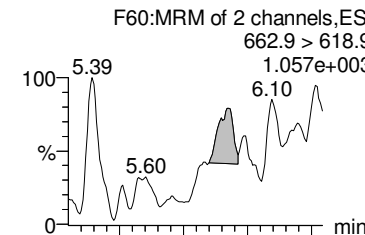
PFUdA



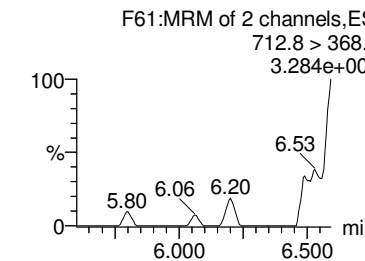
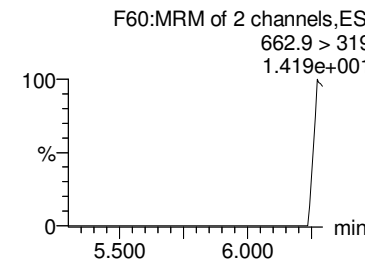
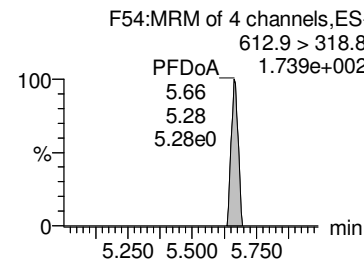
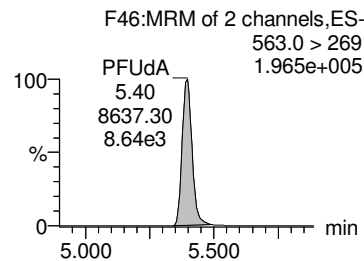
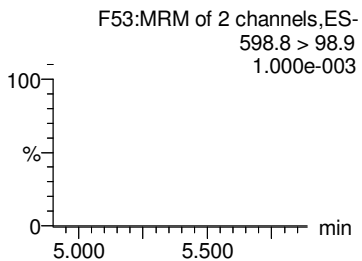
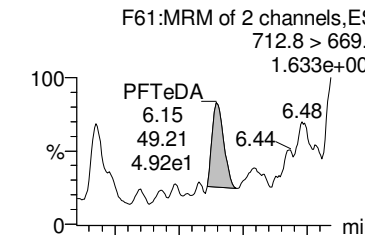
PFDaA



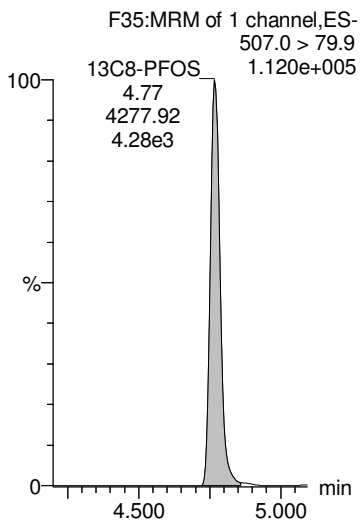
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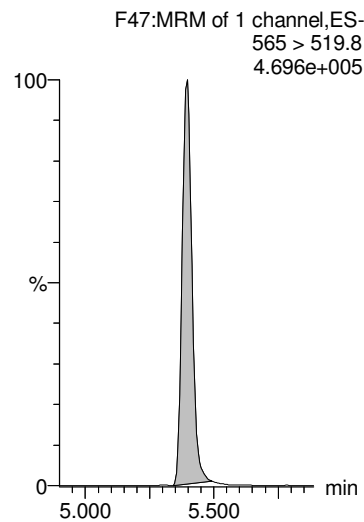
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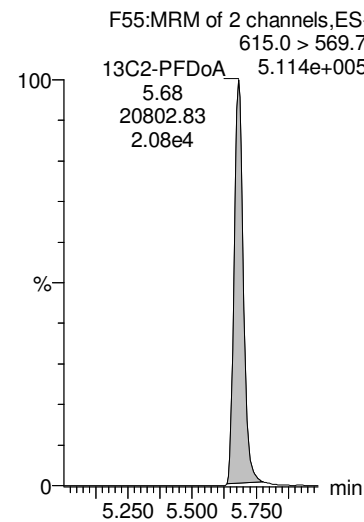
13C8-PFOS



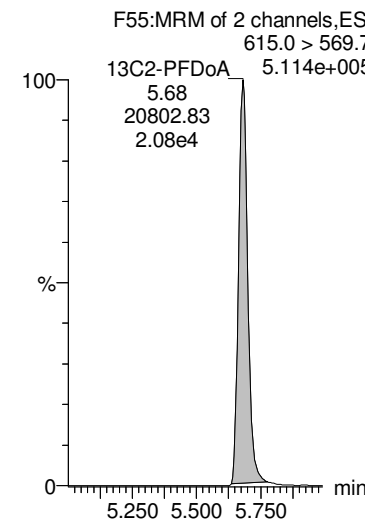
13C2-PFUdA



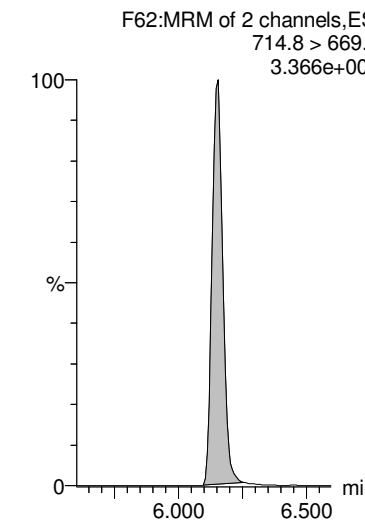
13C2-PFDaA



13C2-PFDaA



13C2-PFTeDA



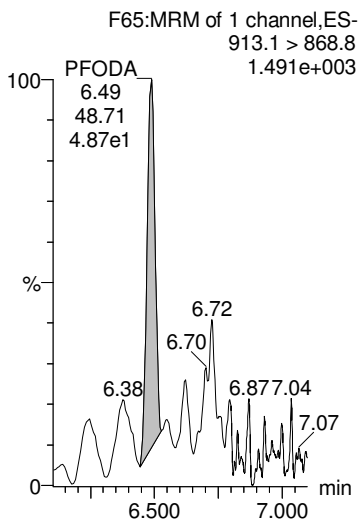
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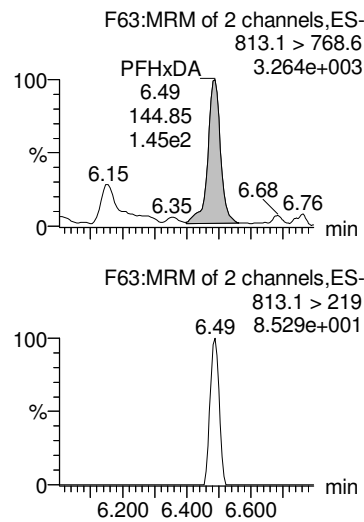
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Name: 180825M1_38, Date: 25-Aug-2018, Time: 20:04:53, ID: 1802094-07 SA-MW128I-20180726 0.253, Description: SA-MW128I-20180726

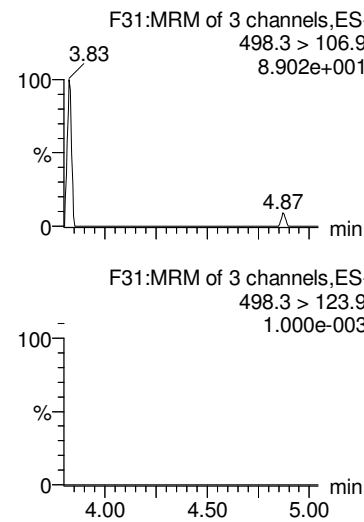
PFODA



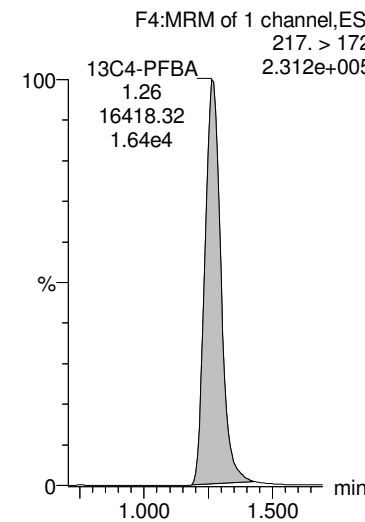
PFHxDA



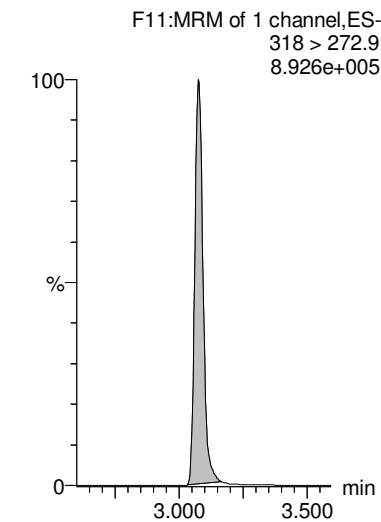
TCDA



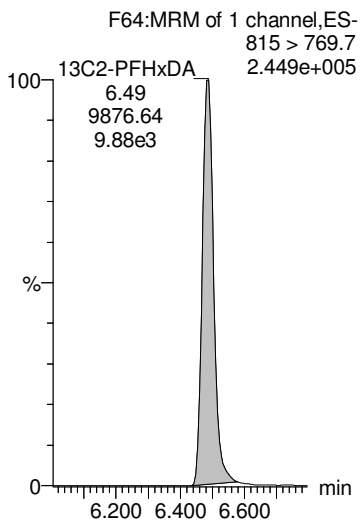
13C4-PFBA



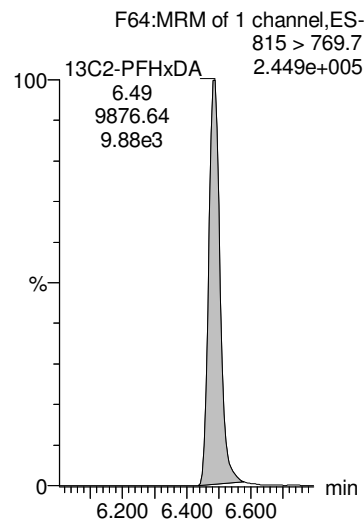
13C5-PFHxA



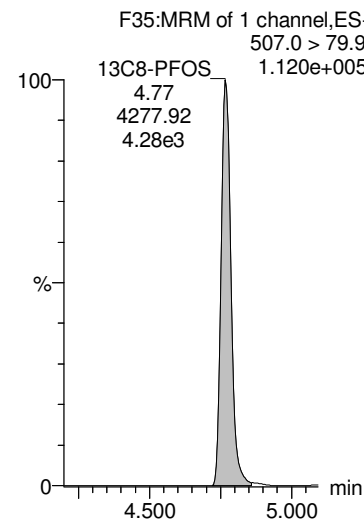
13C2-PFHxDA



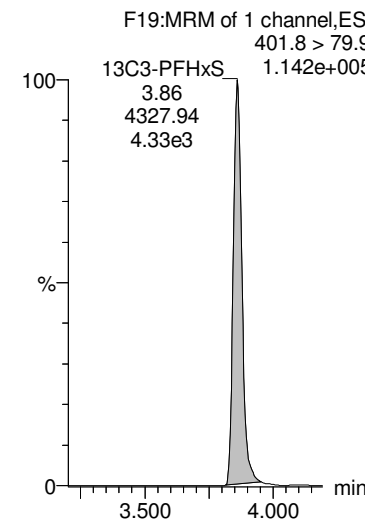
13C2-PFHxDA



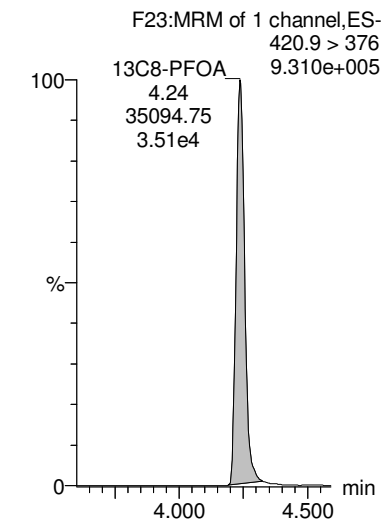
13C8-PFOS



13C3-PFHxS



13C8-PFOA



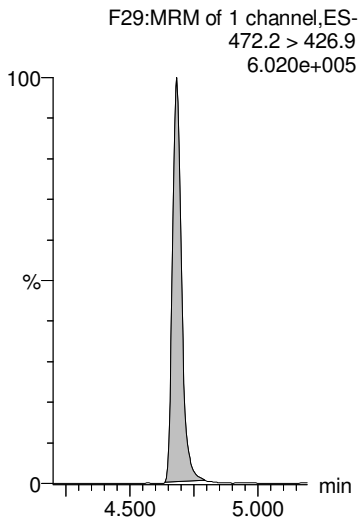
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Last Altered: Saturday, September 15, 2018 11:43:46 Pacific Daylight Time

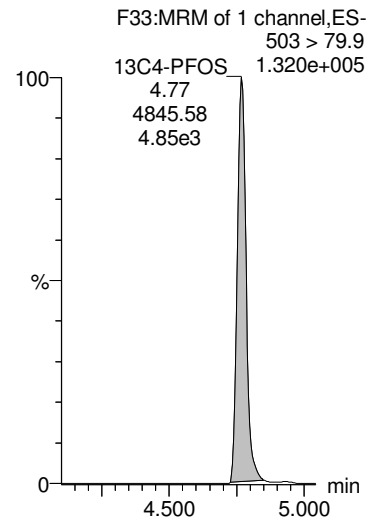
Printed: Saturday, September 15, 2018 11:43:49 Pacific Daylight Time

Name: 180825M1_38, Date: 25-Aug-2018, Time: 20:04:53, ID: 1802094-07 SA-MW128I-20180726 0.253, Description: SA-MW128I-20180726

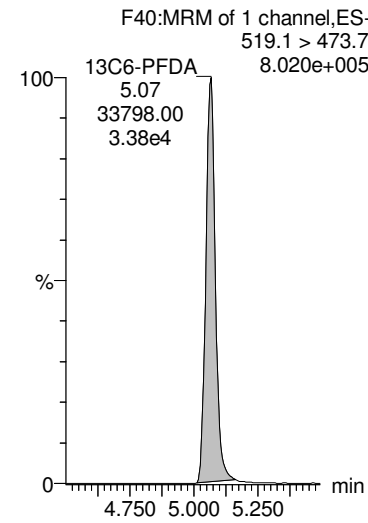
13C9-PFNA



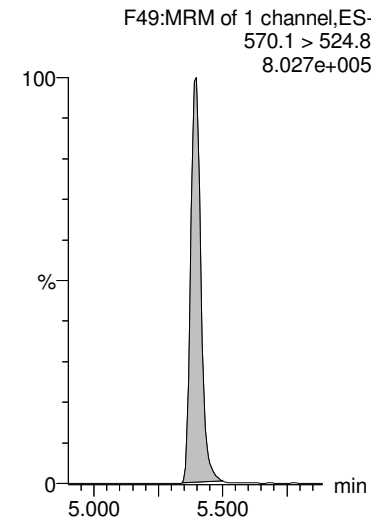
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Saturday, September 15, 2018 11:44:25 Pacific Daylight Time

Printed: Saturday, September 15, 2018 11:44:34 Pacific Daylight Time

Name: 180825M1_39, Date: 25-Aug-2018, Time: 20:15:26, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	3.01e2	1.17e4	0.269	0.000	1.27	0.322	0.9902			
2	2 PFPeA	263.1 > 21...	3.11e2	1.74e4	0.269	0.000	2.27	0.224	0.6166			
3	3 PFBS	299.0 > 79.7	1.84e1	2.33e3	0.269	0.000	2.58	0.0985	0.1190		2.54	NO
4	5 PFHxA	313 > 269	6.95e2	1.07e4	0.269	0.000	3.08	0.326	1.0604		20.4	YES
5	7 PFHpA	363.0 > 31...	9.38e2	1.71e4	0.269	0.000	3.70	0.687	2.0551		30.6	YES
6	36 13C3-PFBA	216.1 > 17...	1.17e4	1.25e4	0.269	0.938	1.26	11.7	52.8283	113.5		
7	37 13C3-PFPeA	266. > 221.8	1.74e4	2.64e4	0.269	0.656	2.27	8.20	47.7304	102.5		
8	38 13C3-PFBS	302. > 98.8	2.33e3	2.64e4	0.269	0.0883	2.57	1.10	63.1017	135.6		
9	40 13C2-PFHxA	315 > 270	1.07e4	2.64e4	0.269	1.01	3.08	5.05	19.4285	104.3		
10	41 13C4-PFHpA	367.2 > 32...	1.71e4	2.64e4	0.269	0.646	3.70	8.07	51.3425	110.3		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	7.47e1	2.18e3	0.269	0.000	3.86	0.428	0.8949		1.28	NO
13	9 Br-PFHxS	398.9 > 79.6	1.37e1	2.18e3	0.269	0.000	3.91	0.0786	0.1403			
14	68 Total PFHxS	398.9 > 79.6	8.84e1	2.18e3	0.269			0.507	1.0352			
15	10 6:2 FTS	427.1 > 407	9.08e1	4.54e3	0.269	0.000	4.18	0.250	0.7703		3.64	NO
16	13 PFHpS	449 > 80.0	6.62e0	4.86e3	0.269	0.000	4.35	0.0170			1.18	NO
17	42 18O2-PFHxS	403.0 > 10...	2.18e3	4.03e3	0.269	0.542	3.86	6.77	48.7443	104.7		
18	42 18O2-PFHxS	403.0 > 10...	2.18e3	4.03e3	0.269	0.542	3.86	6.77	48.7443	104.7		
19	42 18O2-PFHxS	403.0 > 10...	2.18e3	4.03e3	0.269	0.542	3.86	6.77	48.7443	104.7		
20	43 13C2-6:2 FTS	429.1 > 40...	4.54e3	3.00e4	0.269	0.151	4.18	1.89	52.7553	113.3		
21	47 13C8-PFOS	507.0 > 79.9	4.86e3	4.71e3	0.269	1.03	4.77	12.9	45.1694	97.0		
22	-1											
23	11 L-PFOA	412.8 > 36...	3.16e3	2.55e4	0.269	0.000	4.24	1.55	4.2952		3.79	NO
24	12 Br-PFOA	412.8 > 36...	1.95e2	2.55e4	0.269	0.000	4.11	0.0959			1.61	NO
25	69 Total PFOA	412.8 > 36...	3.35e3	2.55e4	0.269			1.55	4.2952			
26	14 PFNA	463.0 > 41...	8.65e3	2.39e4	0.269	0.000	4.68	4.53	13.9823		5.22	NO
27	15 PFOSA	497.9 > 77.9		2.28e3	0.269							
28	44 13C2-PFOA	414.9 > 36...	2.55e4	3.00e4	0.269	0.849	4.24	10.6	45.8242	98.4		
29	44 13C2-PFOA	414.9 > 36...	2.55e4	3.00e4	0.269	0.849	4.24	10.6	45.8242	98.4		
30	44 13C2-PFOA	414.9 > 36...	2.55e4	3.00e4	0.269	0.849	4.24	10.6	45.8242	98.4		
31	45 13C5-PFNA	468.2 > 42...	2.39e4	2.77e4	0.269	0.861	4.68	10.8	41.7394	89.7		
32	46 13C8-PFOSA	506.1 > 77.7	2.28e3	3.32e4	0.269	0.0687	4.74	0.859	16.3424	35.1		
33	-1											
34	16 L-PFOS	498.9 > 79.9	2.59e2	4.86e3	0.269	0.000	4.77	0.666	2.4012		1.60	NO
35	17 Br-PFOS	498.9 > 79.9	1.43e2	4.86e3	0.269	0.000	4.66	0.367	1.2460			
36	70 Total PFOS	498.9 > 79.9	4.02e2	4.86e3	0.269			1.03	3.6473			
37	18 PFDA	513 > 468.8	2.46e2	2.28e4	0.269	0.000	5.07	0.135	0.0950		8.99	YES

Dataset: Untitled

Last Altered: Saturday, September 15, 2018 11:44:25 Pacific Daylight Time

Printed: Saturday, September 15, 2018 11:44:34 Pacific Daylight Time

Name: 180825M1_39, Date: 25-Aug-2018, Time: 20:15:26, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	19 8:2 FTS	527 > 506.9		3.55e3	0.269							
39	47 13C8-PFOS	507.0 > 79.9	4.86e3	4.71e3	0.269	1.03	4.77	12.9	45.1694	97.0		
40	47 13C8-PFOS	507.0 > 79.9	4.86e3	4.71e3	0.269	1.03	4.77	12.9	45.1694	97.0		
41	47 13C8-PFOS	507.0 > 79.9	4.86e3	4.71e3	0.269	1.03	4.77	12.9	45.1694	97.0		
42	48 13C2-PFDA	515.1 > 46...	2.28e4	2.82e4	0.269	0.807	5.07	10.1	39.8331	85.6		
43	49 13C2-8:2 FTS	529.1 > 50...	3.55e3	3.00e4	0.269	0.118	5.04	1.48	52.5302	112.8		
44	-1											
45	26 PFDS	598.8 > 79.9		4.86e3	0.269							
46	25 PFUdA	563.0 > 51...	6.50e2	2.52e4	0.269	0.000	5.40	0.323	0.8455		14.9	NO
47	27 PFDoA	612.9 > 56...	4.40e1	2.59e4	0.269	0.000	5.70	0.0212				
48	29 PFTrDA	662.9 > 61...	2.70e1	2.59e4	0.269	0.000	5.93	0.0131				
49	30 PFTeDA	712.8 > 66...	8.75e1	1.91e4	0.269	0.000	6.15	0.0574				
50	47 13C8-PFOS	507.0 > 79.9	4.86e3	4.71e3	0.269	1.03	4.77	12.9	45.1694	97.0		
51	51 13C2-PFUdA	565 > 519.8	2.52e4	3.32e4	0.269	0.757	5.40	9.47	34.9873	75.2		
52	53 13C2-PFDoA	615.0 > 56...	2.59e4	2.82e4	0.269	0.916	5.68	11.4	37.3110	80.1		
53	53 13C2-PFDoA	615.0 > 56...	2.59e4	2.82e4	0.269	0.916	5.68	11.4	37.3110	80.1		
54	55 13C2-PFTeDA	714.8 > 66...	1.91e4	3.32e4	0.269	0.574	6.15	7.17	36.9574	79.4		
55	-1											
56	33 PFODA	913.1 > 86...	5.32e1	1.07e4	0.269	0.000	6.49	0.0249	0.0280			
57	32 PFHxDA	813.1 > 76...	1.31e2	1.07e4	0.269	0.000	6.49	0.0616				
58	73 TCDA	498.3>106.9			0.269							
59	60 13C4-PFBA	217. > 172	1.25e4	1.25e4	0.269	1.00	1.26	12.5	46.5515	100.0		
60	61 13C5-PFHxA	318 > 272.9	2.64e4	2.64e4	0.269	1.00	3.07	12.5	46.5515	100.0		
61	57 13C2-PFHxDA	815 > 769.7	1.07e4	3.32e4	0.269	0.802	6.49	4.01	16.2722	87.4		
62	57 13C2-PFHxDA	815 > 769.7	1.07e4	3.32e4	0.269	0.802	6.49	4.01	16.2722	87.4		
63	47 13C8-PFOS	507.0 > 79.9	4.86e3	4.71e3	0.269	1.03	4.77	12.9	45.1694	97.0		
64	62 13C3-PFHxS	401.8 > 79.9	4.03e3	4.03e3	0.269	1.00	3.86	12.5	46.5515	100.0		
65	63 13C8-PFOA	420.9 > 376	3.00e4	3.00e4	0.269	1.00	4.24	12.5	46.5515	100.0		
66	-1											
67	64 13C9-PFNA	472.2 > 42...	2.77e4	2.77e4	0.269	1.00	4.68	12.5	46.5515	100.0		
68	65 13C4-PFOS	503 > 79.9	4.71e3	4.71e3	0.269	1.00	4.77	12.5	46.5515	100.0		
69	66 13C6-PFDA	519.1 > 47...	2.82e4	2.82e4	0.269	1.00	5.07	12.5	46.5515	100.0		
70	67 13C7-PFUdA	570.1 > 52...	3.32e4	3.32e4	0.269	1.00	5.40	12.5	46.5515	100.0		

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Last Altered: Saturday, September 15, 2018 11:44:25 Pacific Daylight Time

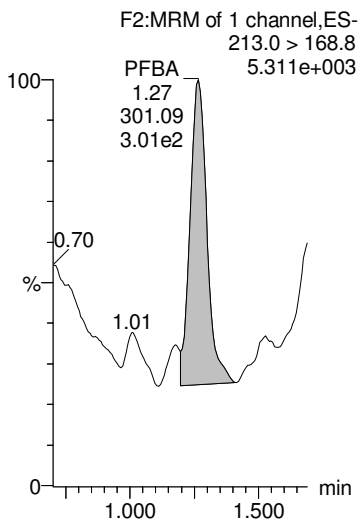
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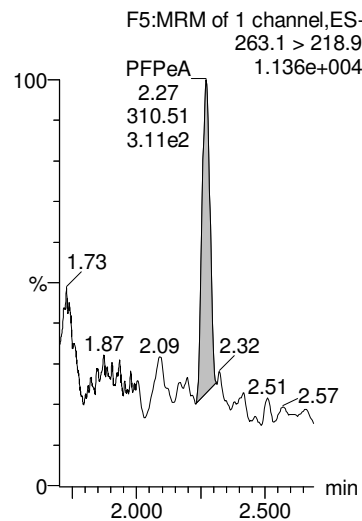
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Name: 180825M1_39, Date: 25-Aug-2018, Time: 20:15:26, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

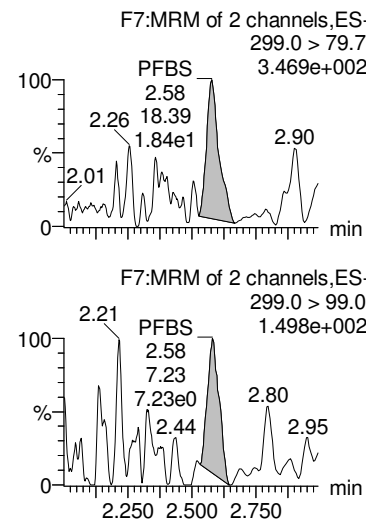
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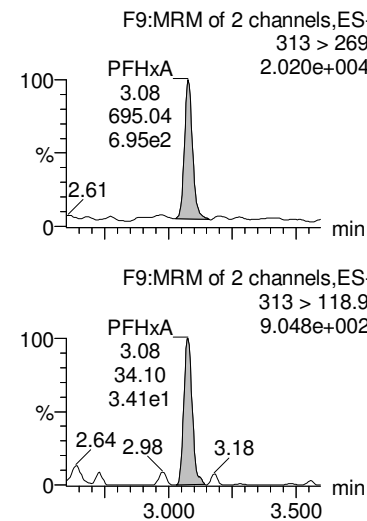
PFPeA



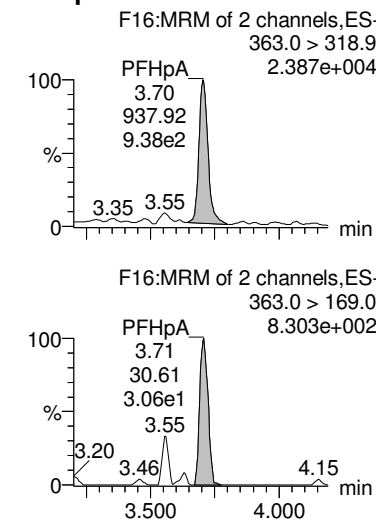
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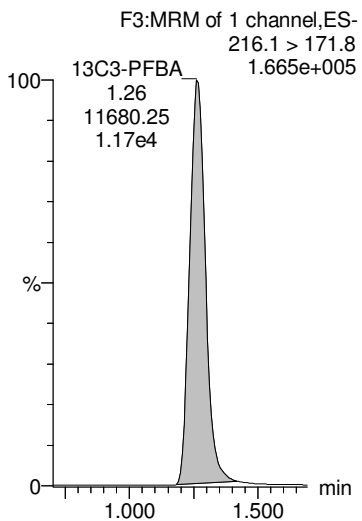
PFHxA



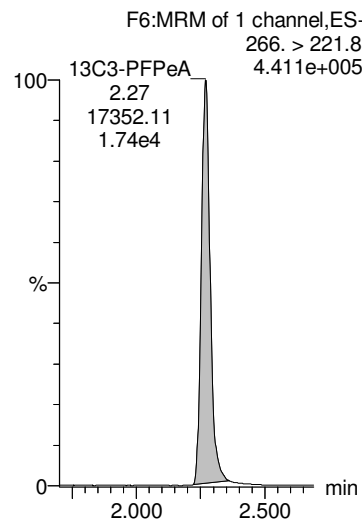
PFHpA



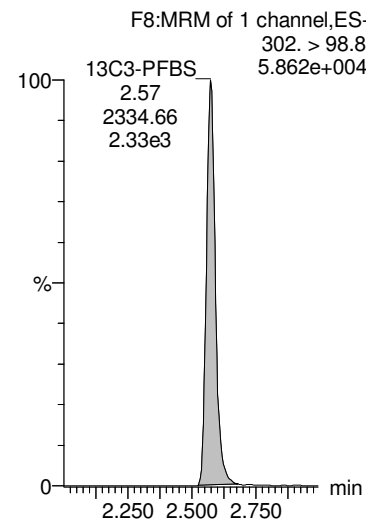
13C3-PFBA



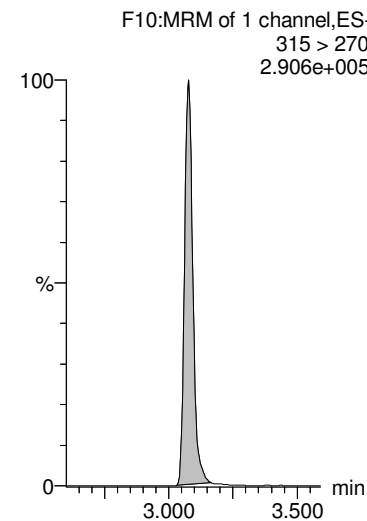
13C3-PFPeA



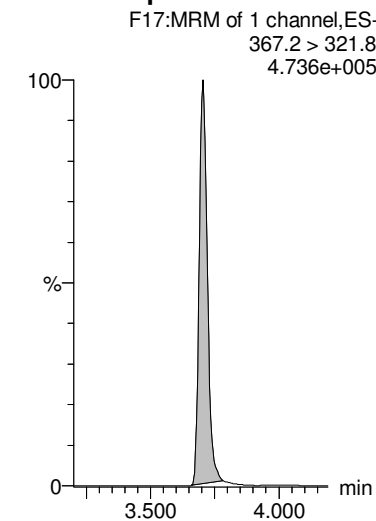
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



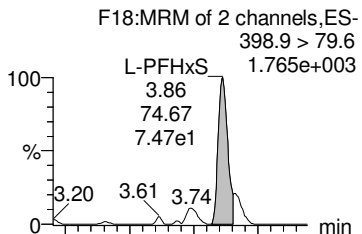
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Last Altered: Saturday, September 15, 2018 11:44:25 Pacific Daylight Time

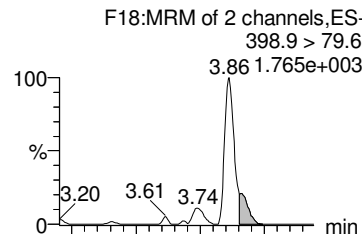
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Name: 180825M1_39, Date: 25-Aug-2018, Time: 20:15:26, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

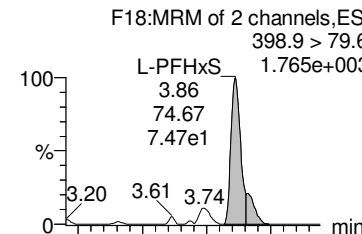
L-PFHxS



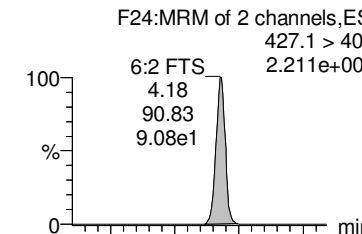
Br-PFHxS



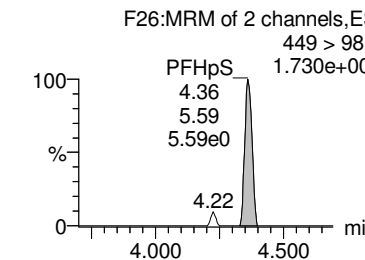
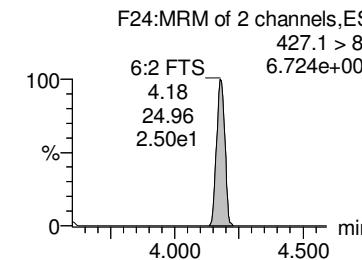
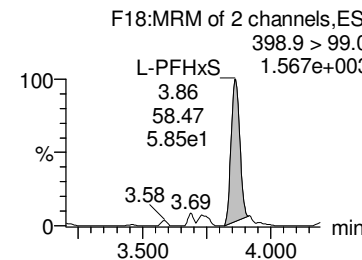
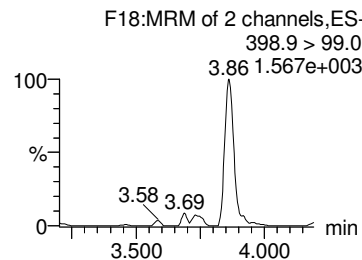
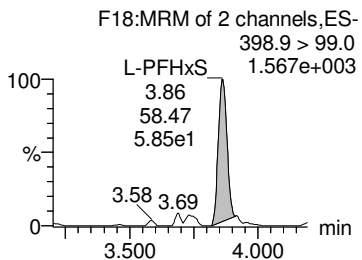
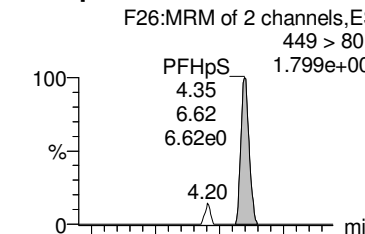
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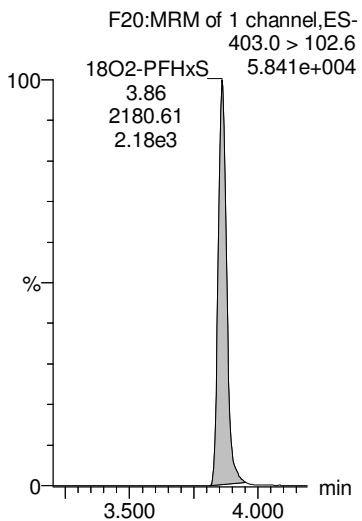
6:2 FTS



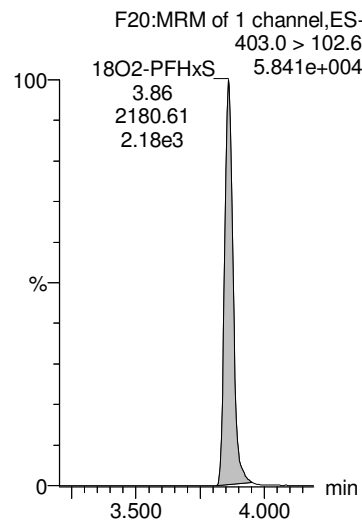
PFHpS



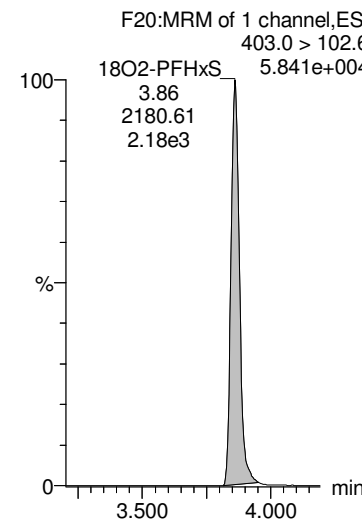
18O2-PFHxS



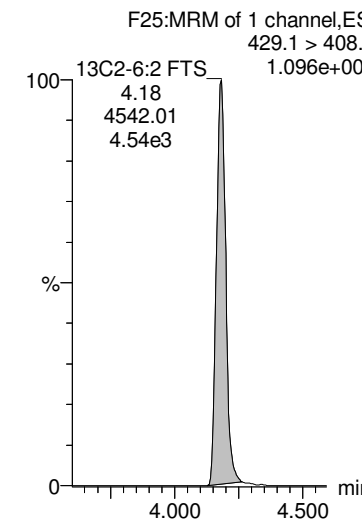
18O2-PFHxS



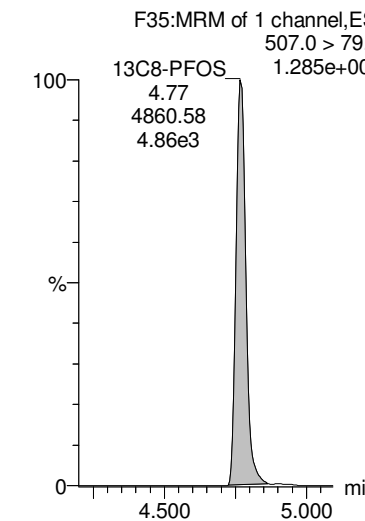
18O2-PFHxS



13C2-6:2 FTS



13C8-PFOS



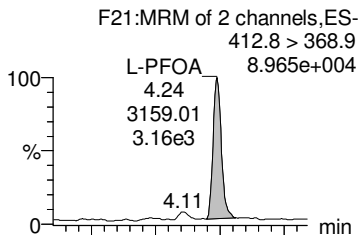
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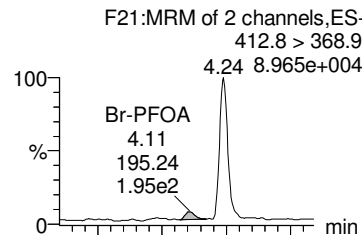
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Name: 180825M1_39, Date: 25-Aug-2018, Time: 20:15:26, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

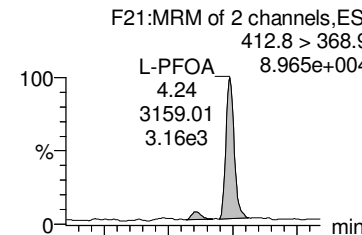
L-PFOA



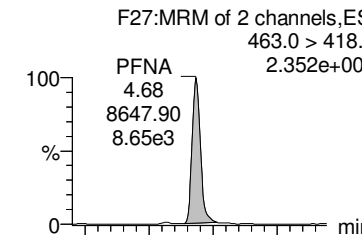
Br-PFOA



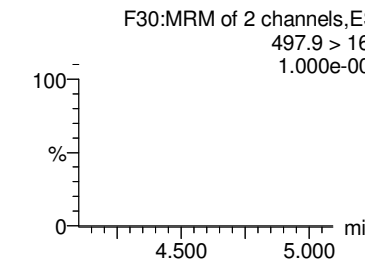
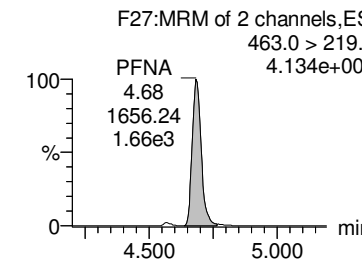
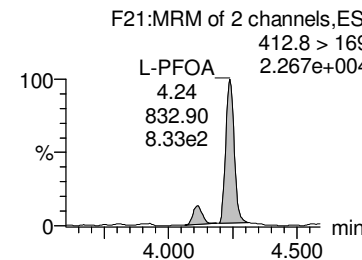
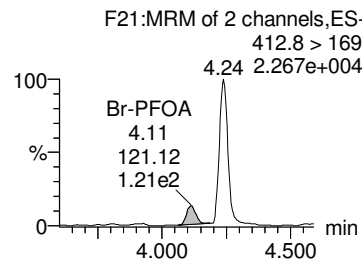
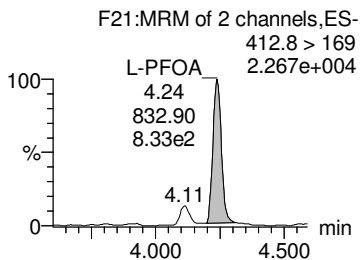
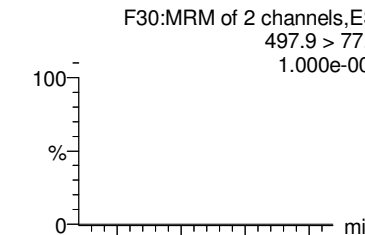
Total PFOA



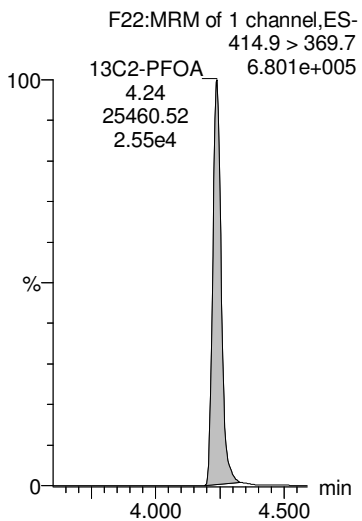
PFNA



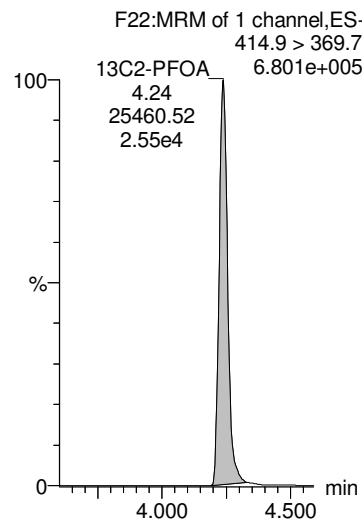
PFOSA



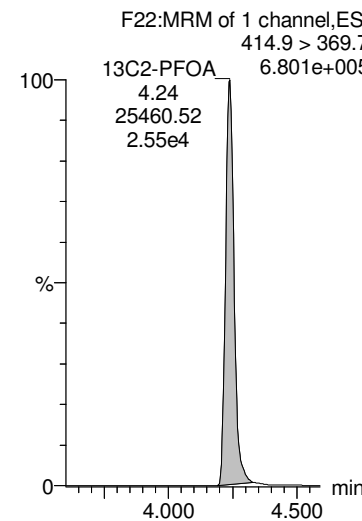
13C2-PFOA



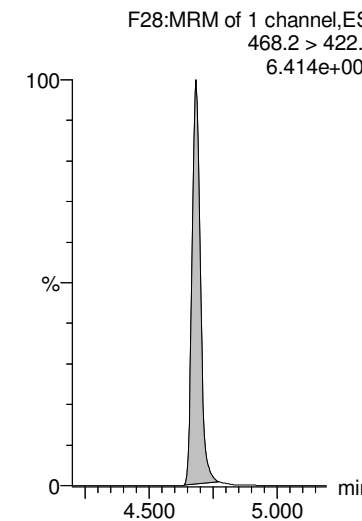
13C2-PFOA



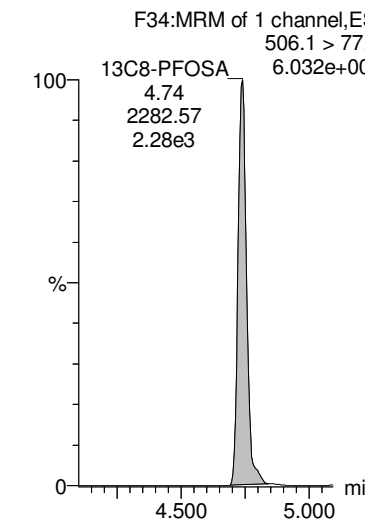
13C2-PFOA



13C5-PFNA



13C8-PFOA



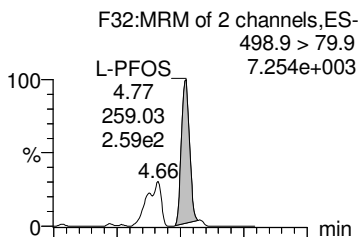
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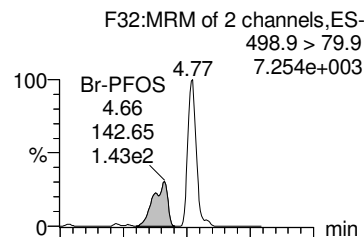
Printed: Saturday, September 15, 2018 11:44:34 Pacific Daylight Time

Name: 180825M1_39, Date: 25-Aug-2018, Time: 20:15:26, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

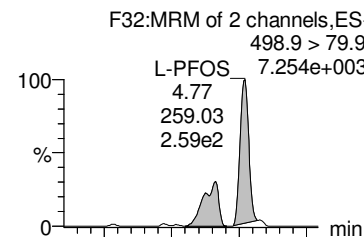
L-PFOS



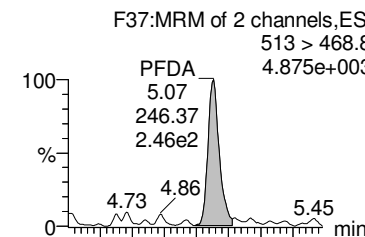
Br-PFOS



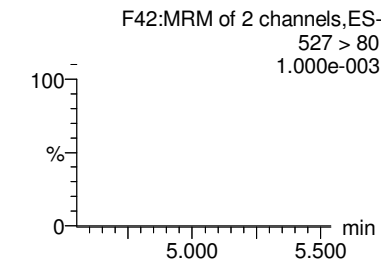
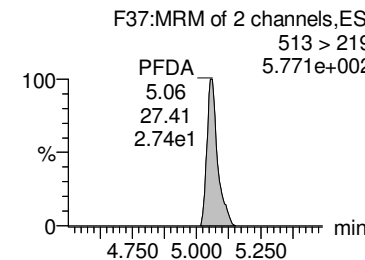
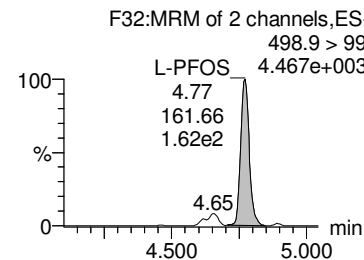
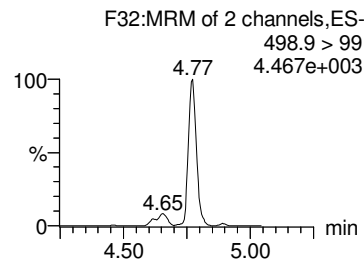
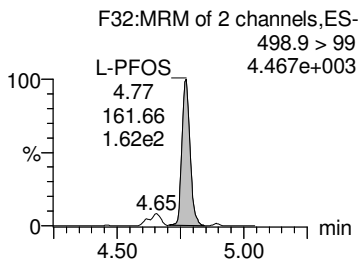
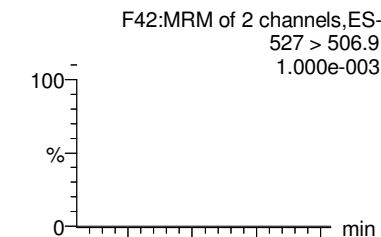
Total PFOS



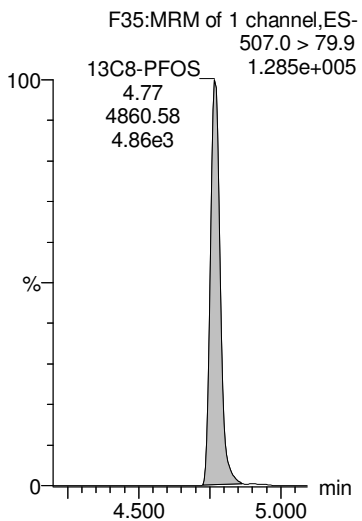
PFDA



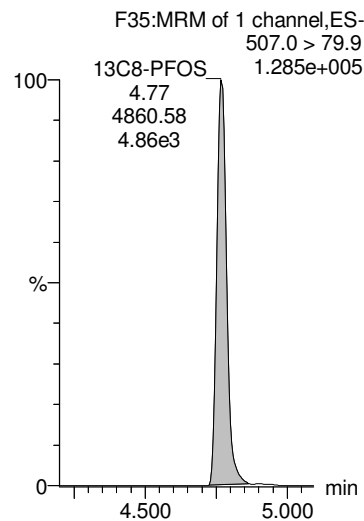
8:2 FTS



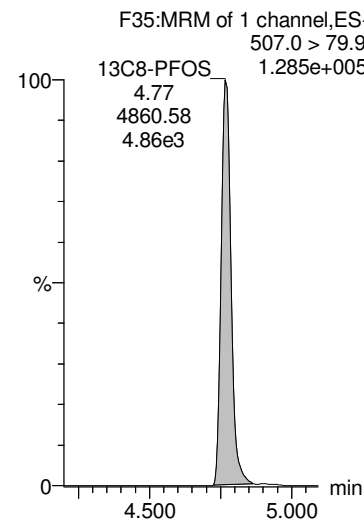
13C8-PFOS



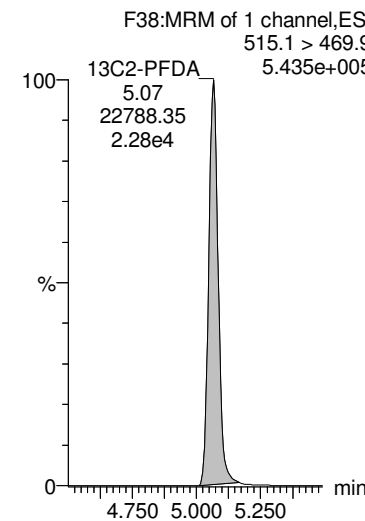
13C8-PFOS



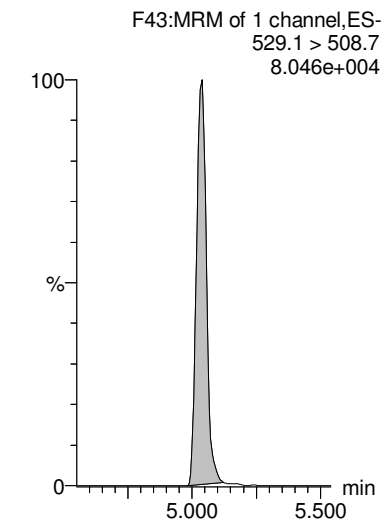
13C8-PFOS



13C2-PFDA



13C2-8:2 FTS



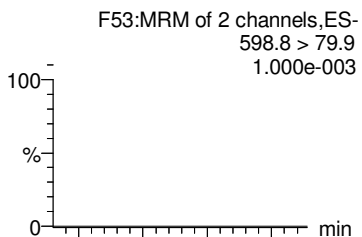
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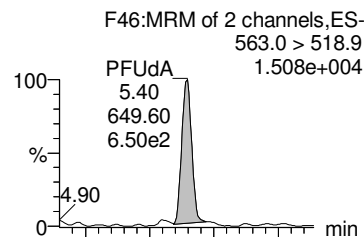
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Name: 180825M1_39, Date: 25-Aug-2018, Time: 20:15:26, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

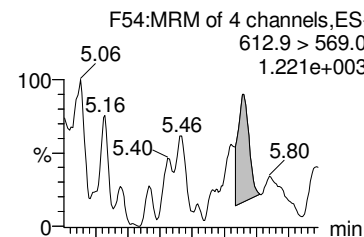
PFDS



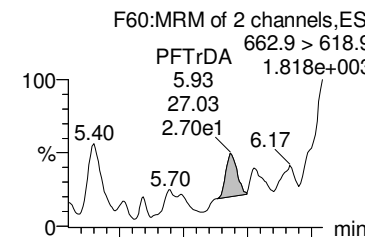
PFUdA



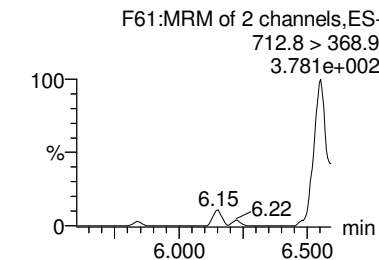
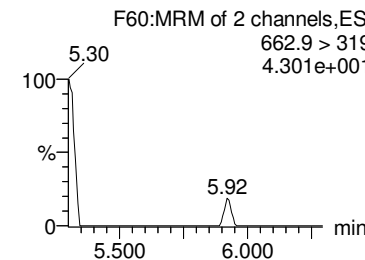
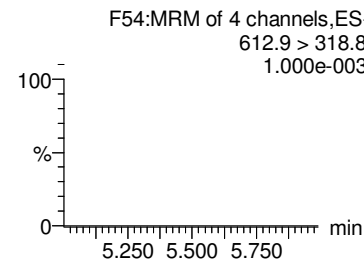
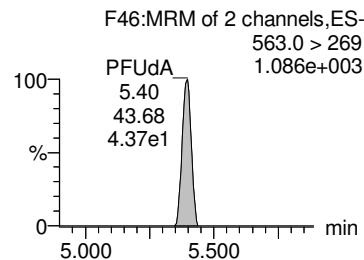
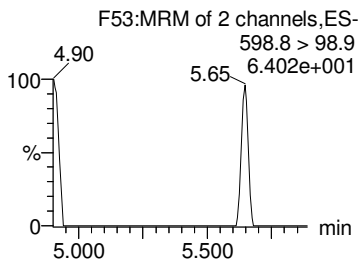
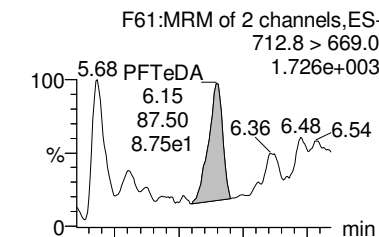
PFDoA



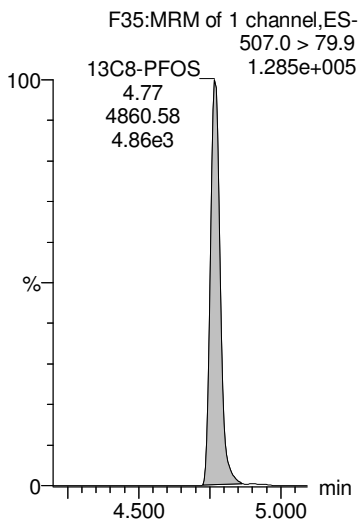
PFTrDA



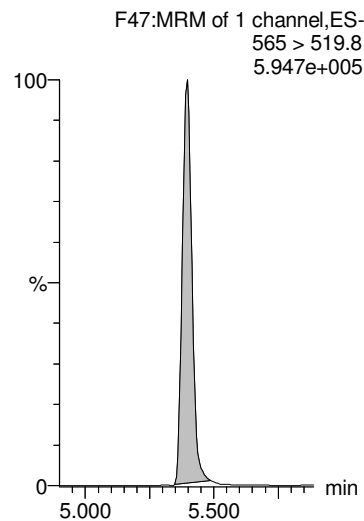
PFTeDA



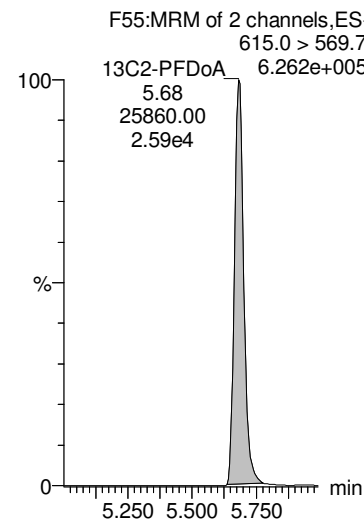
13C8-PFOS



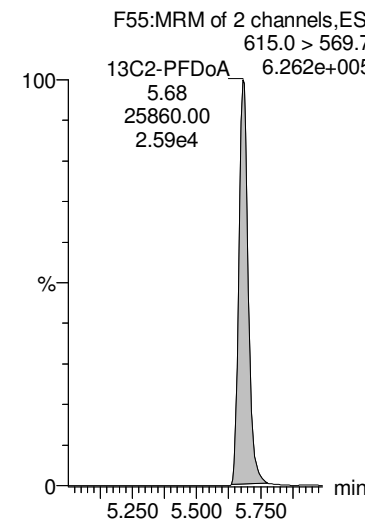
13C2-PFUdA



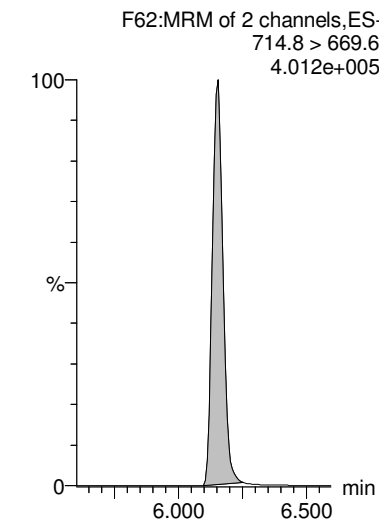
13C2-PFDoA



13C2-PFDoA



13C2-PFTeDA



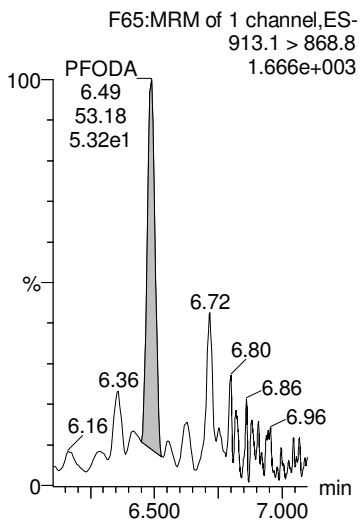
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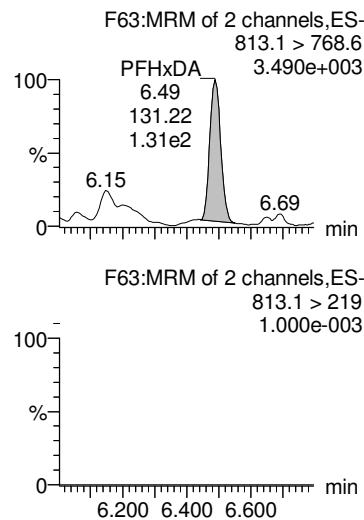
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Name: 180825M1_39, Date: 25-Aug-2018, Time: 20:15:26, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

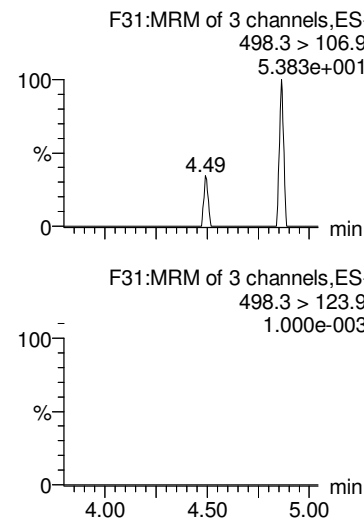
PFODA



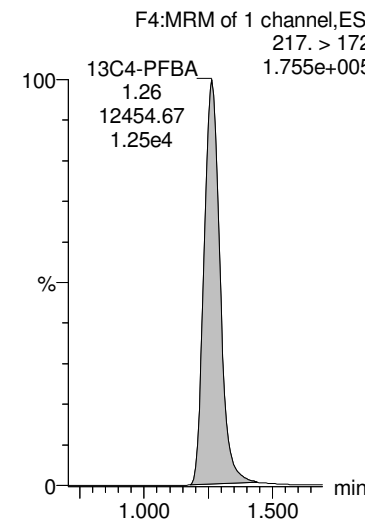
PFHxDA



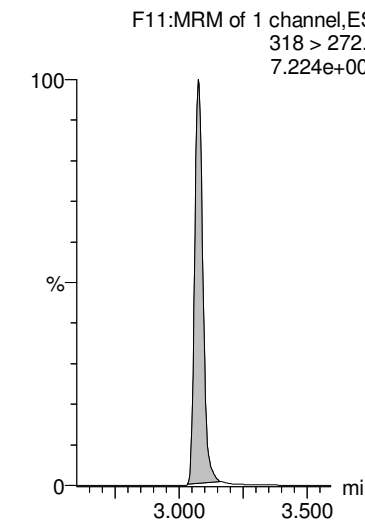
TCDA



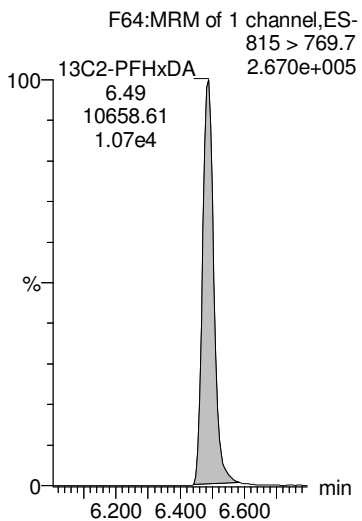
13C4-PFBA



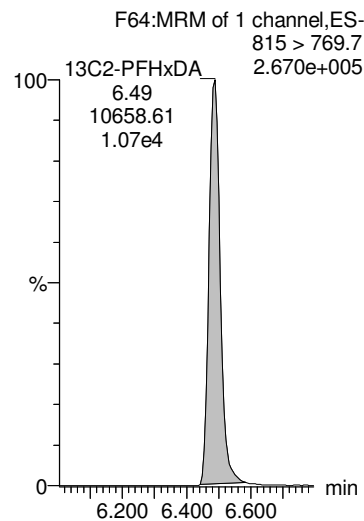
13C5-PFHxA



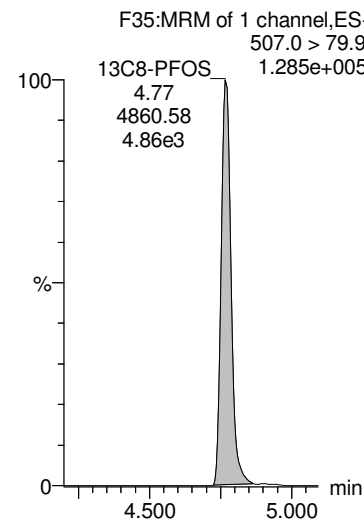
13C2-PFHxDA



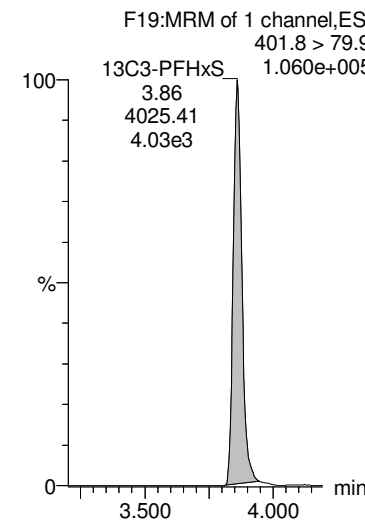
13C2-PFHxDA



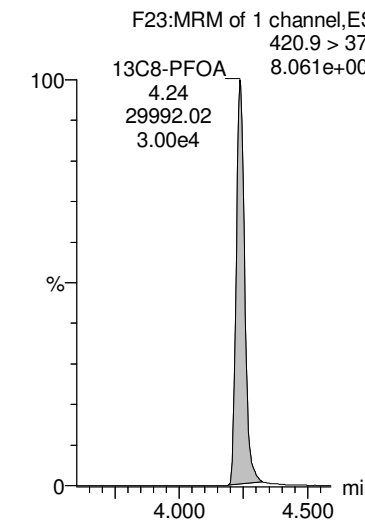
13C8-PFOS



13C3-PFHxS



13C8-PFOA



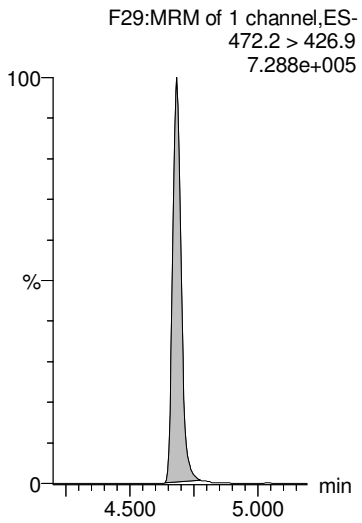
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Last Altered: Saturday, September 15, 2018 11:44:25 Pacific Daylight Time

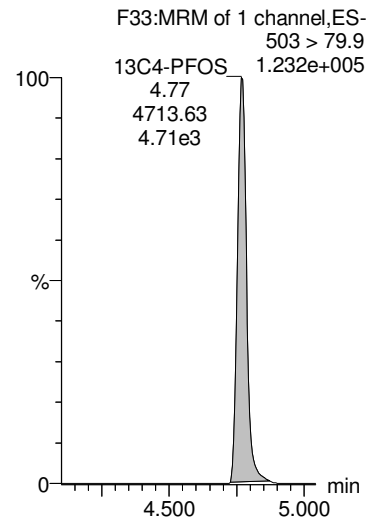
Printed: Saturday, September 15, 2018 11:44:34 Pacific Daylight Time

Name: 180825M1_39, Date: 25-Aug-2018, Time: 20:15:26, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

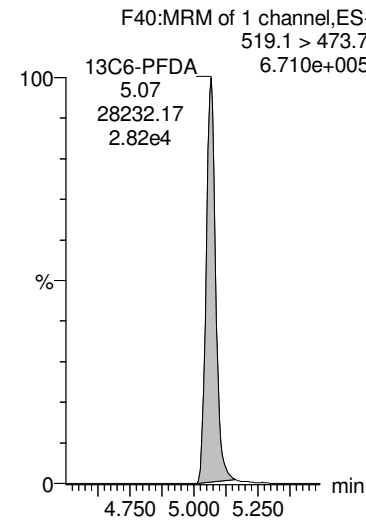
13C9-PFNA



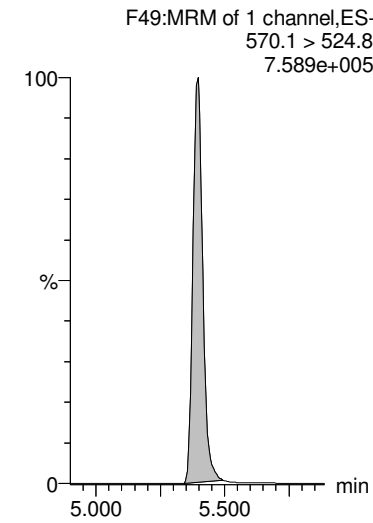
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Untitled

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Name: 180826M1_16, Date: 26-Aug-2018, Time: 16:52:02, ID: 1802094-19 FRB02-072718 0.11299, Description: FRB02-072718

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...	2.02e2	4.73e4	0.113	0.000	1.25	0.0534	0.2953			
2	2 PFPeA	263.1 > 21...	6.75e1	7.48e4	0.113	0.000	2.24	0.0113				
3	3 PFBs	299.0 > 79.7		7.98e3	0.113							
4	5 PFHxA	313 > 269	2.17e2	4.37e4	0.113	0.000	3.05	0.0249			20.8	YES
5	7 PFHpA	363.0 > 31...	7.03e1	6.93e4	0.113	0.000	3.67	0.0127				
6	36 13C3-PFBA	216.1 > 17...	4.73e4	6.01e4	0.113	0.788	1.25	9.85	105.5025	95.4		
7	37 13C3-PFPeA	266. > 221.8	7.48e4	1.28e5	0.113	0.584	2.24	7.30	100.9015	91.2		
8	38 13C3-PFBs	302. > 98.8	7.98e3	1.28e5	0.113	0.0623	2.55	0.779	105.8031	95.6		
9	40 13C2-PFHxA	315 > 270	4.37e4	1.28e5	0.113	0.852	3.05	4.26	38.9540	88.0		
10	41 13C4-PFHpA	367.2 > 32...	6.93e4	1.28e5	0.113	0.540	3.68	6.76	102.1643	92.3		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	4.52e1	8.21e3	0.113	0.000	3.83	0.0688	0.2837		2.14	NO
13	9 Br-PFHxS	398.9 > 79.6		8.21e3	0.113							
14	68 Total PFHxS	398.9 > 79.6	4.52e1	8.21e3	0.113			0.0688	0.2837			
15	10 6:2 FTS	427.1 > 407	9.09e1	1.56e4	0.113	0.000	4.15	0.0730	0.2957		2.07	NO
16	13 PFHpS	449 > 80.0		1.72e4	0.113							
17	42 18O2-PFHxS	403.0 > 10...	8.21e3	1.74e4	0.113	0.473	3.83	5.91	101.1774	91.5		
18	42 18O2-PFHxS	403.0 > 10...	8.21e3	1.74e4	0.113	0.473	3.83	5.91	101.1774	91.5		
19	42 18O2-PFHxS	403.0 > 10...	8.21e3	1.74e4	0.113	0.473	3.83	5.91	101.1774	91.5		
20	43 13C2-6:2 FTS	429.1 > 40...	1.56e4	1.36e5	0.113	0.115	4.15	1.43	94.9375	85.8		
21	47 13C8-PFOS	507.0 > 79.9	1.72e4	1.83e4	0.113	0.941	4.74	11.8	98.0027	88.6		
22	-1											
23	11 L-PFOA	412.8 > 36...	3.60e2	9.79e4	0.113	0.000	4.21	0.0460			3.96	NO
24	12 Br-PFOA	412.8 > 36...		9.79e4	0.113							
25	69 Total PFOA	412.8 > 36...	3.60e2	9.79e4	0.113			0.000				
26	14 PFNA	463.0 > 41...	1.04e2	8.40e4	0.113	0.000	4.66	0.0154			9.52	YES
27	15 PFOSA	497.9 > 77.9		1.65e3	0.113							
28	44 13C2-PFOA	414.9 > 36...	9.79e4	1.36e5	0.113	0.721	4.21	9.01	92.5089	83.6		
29	44 13C2-PFOA	414.9 > 36...	9.79e4	1.36e5	0.113	0.721	4.21	9.01	92.5089	83.6		
30	44 13C2-PFOA	414.9 > 36...	9.79e4	1.36e5	0.113	0.721	4.21	9.01	92.5089	83.6		
31	45 13C5-PFNA	468.2 > 42...	8.40e4	1.15e5	0.113	0.730	4.66	9.12	84.0930	76.0		
32	46 13C8-PFOSA	506.1 > 77.7	1.65e3	1.06e5	0.113	0.0156	4.71	0.195	8.8092	8.0		
33	-1											
34	16 L-PFOS	498.9 > 79.9	2.29e1	1.72e4	0.113	0.000	4.64	0.0166			3.41	YES
35	17 Br-PFOS	498.9 > 79.9		1.72e4	0.113							
36	70 Total PFOS	498.9 > 79.9	2.29e1	1.72e4	0.113			0.000				
37	18 PFDA	513 > 468.8	1.48e2	6.70e4	0.113	0.000	5.04	0.0275			11.9	YES

Dataset: Untitled

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Name: 180826M1_16, Date: 26-Aug-2018, Time: 16:52:02, ID: 1802094-19 FRB02-072718 0.11299, Description: FRB02-072718

	# Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	19 8:2 FTS	527 > 506.9		1.03e4	0.113							
39	47 13C8-PFOS	507.0 > 79.9	1.72e4	1.83e4	0.113	0.941	4.74	11.8	98.0027	88.6		
40	47 13C8-PFOS	507.0 > 79.9	1.72e4	1.83e4	0.113	0.941	4.74	11.8	98.0027	88.6		
41	47 13C8-PFOS	507.0 > 79.9	1.72e4	1.83e4	0.113	0.941	4.74	11.8	98.0027	88.6		
42	48 13C2-PFDA	515.1 > 46...	6.70e4	1.07e5	0.113	0.627	5.04	7.84	73.5211	66.5		
43	49 13C2-8:2 FTS	529.1 > 50...	1.03e4	1.36e5	0.113	0.0758	5.01	0.948	80.0249	72.3		
44	-1											
45	26 PFDS	598.8 > 79.9		1.72e4	0.113							
46	25 PFUdA	563.0 > 51...	3.37e1	5.73e4	0.113	0.000	5.43	0.00736				
47	27 PFDoA	612.9 > 56...	8.18e1	3.18e4	0.113	0.000	5.66	0.0321	0.0314			
48	29 PFTrDA	662.9 > 61...	2.37e1	3.18e4	0.113	0.000	5.90	0.00932				
49	30 PFTeDA	712.8 > 66...	3.78e1	1.84e3	0.113	0.000	6.25	0.256	0.9293			
50	47 13C8-PFOS	507.0 > 79.9	1.72e4	1.83e4	0.113	0.941	4.74	11.8	98.0027	88.6		
51	51 13C2-PFUdA	565 > 519.8	5.73e4	1.06e5	0.113	0.541	5.37	6.77	59.4273	53.7		
52	53 13C2-PFDoA	615.0 > 56...	3.18e4	1.07e5	0.113	0.298	5.65	3.72	28.8354	26.1		
53	53 13C2-PFDoA	615.0 > 56...	3.18e4	1.07e5	0.113	0.298	5.65	3.72	28.8354	26.1		
54	55 13C2-PFTeDA	714.8 > 66...	1.84e3	1.06e5	0.113	0.0174	6.13	0.218	2.6687	2.4		
55	-1											
56	33 PFODA	913.1 > 86...		2.41e2	0.113							
57	32 PFHxDA	813.1 > 76...	1.10e1	2.41e2	0.113	0.000	6.46	0.228	1.9157			
58	73 TCDA	498.3>106.9			0.113							
59	60 13C4-PFBA	217. > 172	6.01e4	6.01e4	0.113	1.00	1.24	12.5	110.6293	100.0		
60	61 13C5-PFHxA	318 > 272.9	1.28e5	1.28e5	0.113	1.00	3.05	12.5	110.6293	100.0		
61	57 13C2-PFHxDA	815 > 769.7	2.41e2	1.06e5	0.113	0.00570	6.47	0.0285	0.2749	0.6		
62	57 13C2-PFHxDA	815 > 769.7	2.41e2	1.06e5	0.113	0.00570	6.47	0.0285	0.2749	0.6		
63	47 13C8-PFOS	507.0 > 79.9	1.72e4	1.83e4	0.113	0.941	4.74	11.8	98.0027	88.6		
64	62 13C3-PFHxS	401.8 > 79.9	1.74e4	1.74e4	0.113	1.00	3.83	12.5	110.6293	100.0		
65	63 13C8-PFOA	420.9 > 376	1.36e5	1.36e5	0.113	1.00	4.21	12.5	110.6293	100.0		
66	-1											
67	64 13C9-PFNA	472.2 > 42...	1.15e5	1.15e5	0.113	1.00	4.66	12.5	110.6293	100.0		
68	65 13C4-PFOS	503 > 79.9	1.83e4	1.83e4	0.113	1.00	4.74	12.5	110.6293	100.0		
69	66 13C6-PFDA	519.1 > 47...	1.07e5	1.07e5	0.113	1.00	5.04	12.5	110.6293	100.0		
70	67 13C7-PFUdA	570.1 > 52...	1.06e5	1.06e5	0.113	1.00	5.37	12.5	110.6293	100.0		

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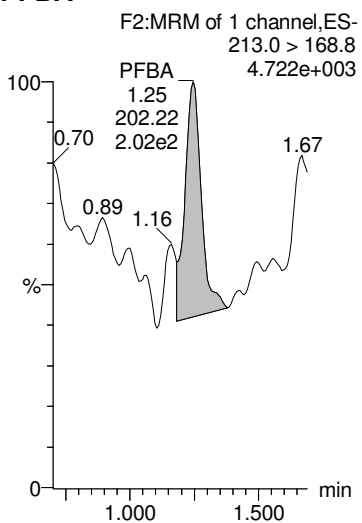
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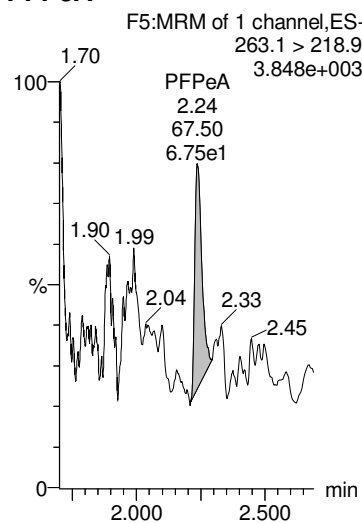
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Name: 180826M1_16, Date: 26-Aug-2018, Time: 16:52:02, ID: 1802094-19 FRB02-072718 0.11299, Description: FRB02-072718

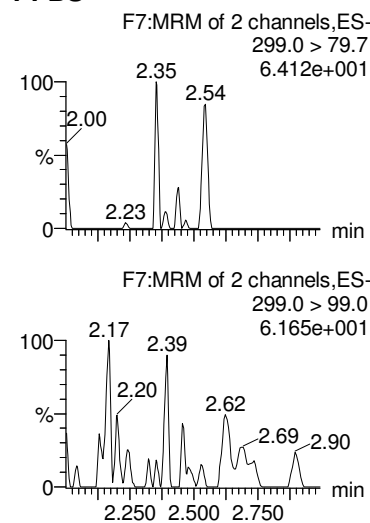
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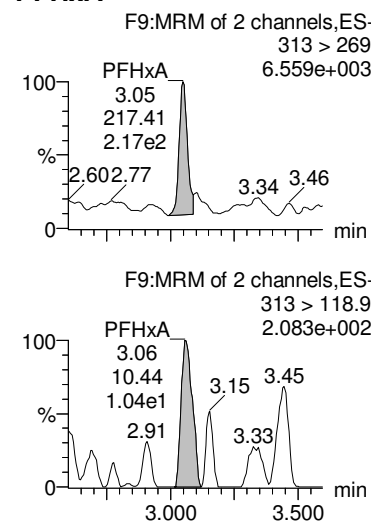
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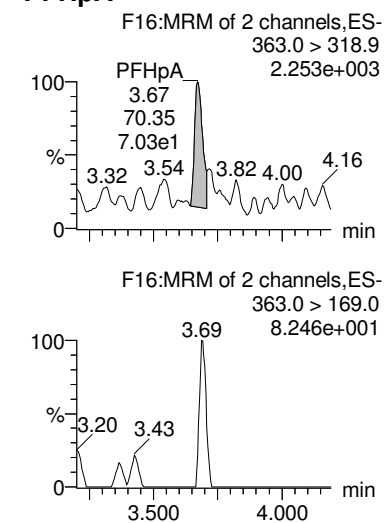
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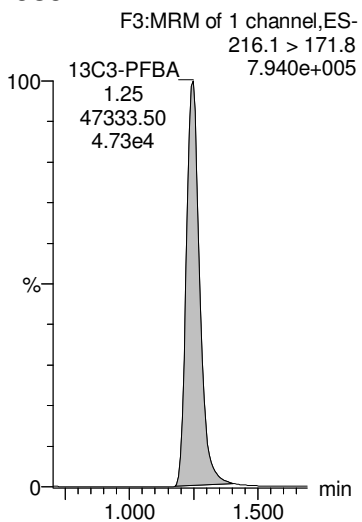
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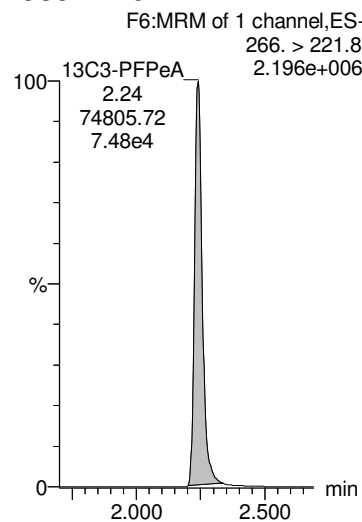
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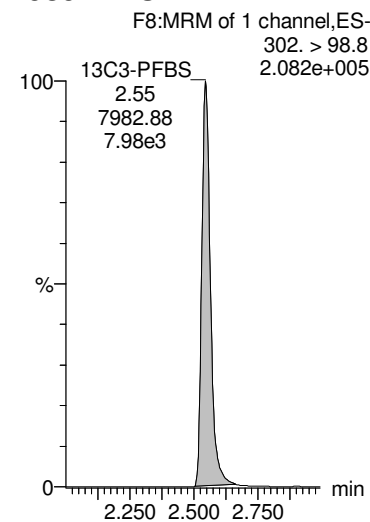
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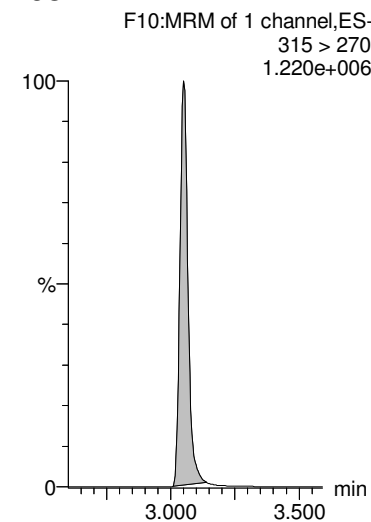
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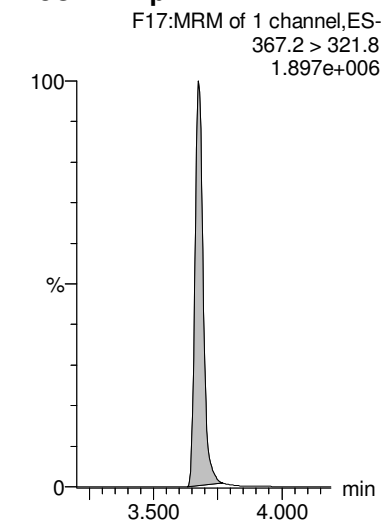
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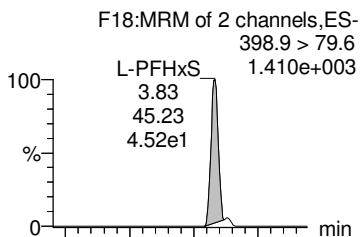
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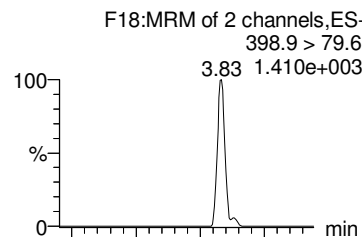
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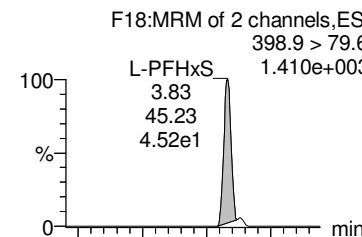
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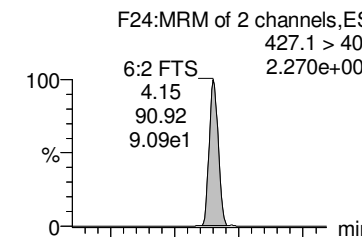
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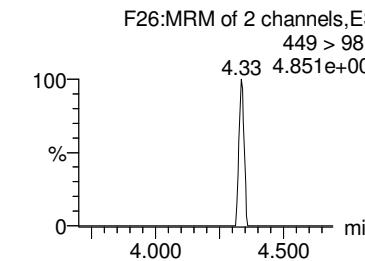
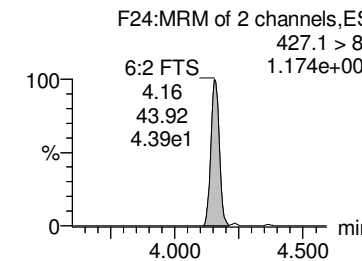
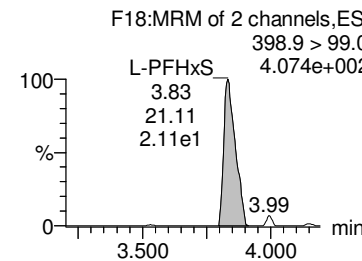
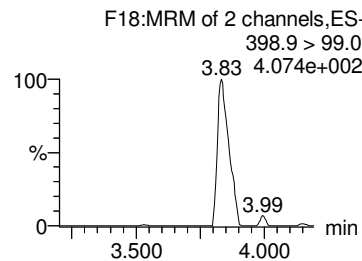
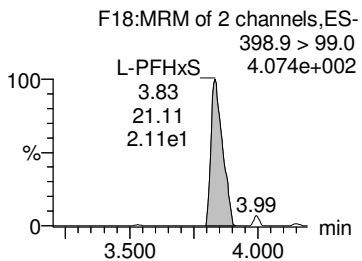
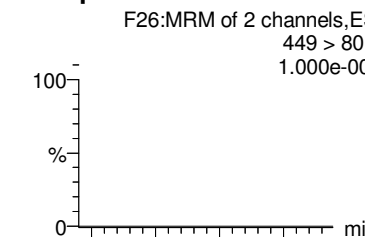
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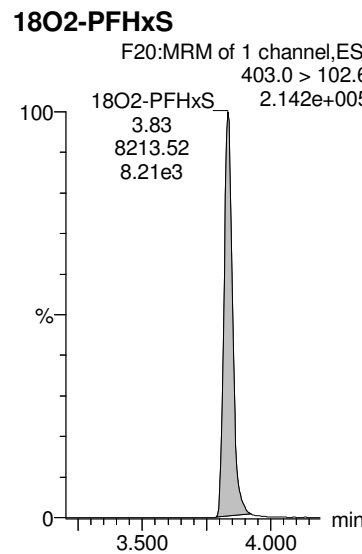
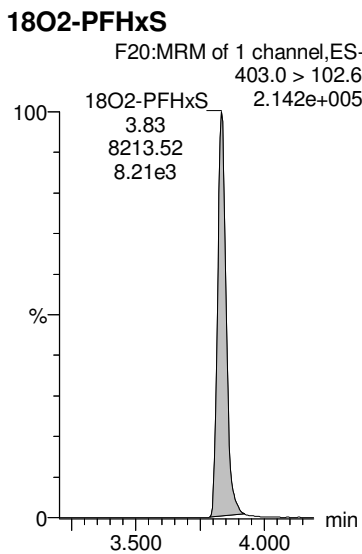
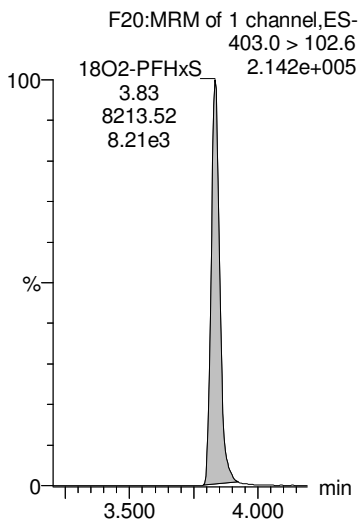
6:2 FTS



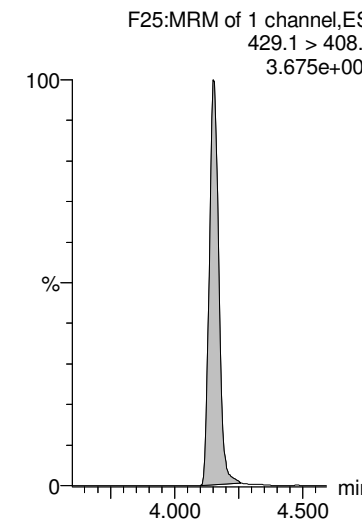
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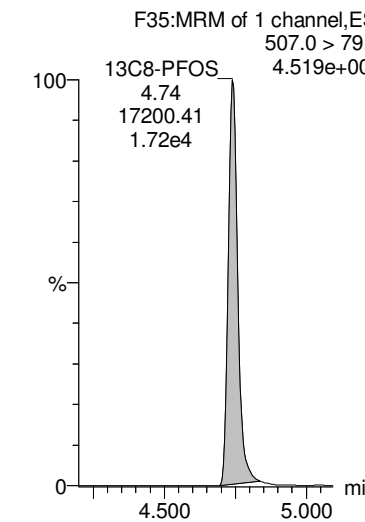
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13C2-6:2 FTS



13C8-PFOS



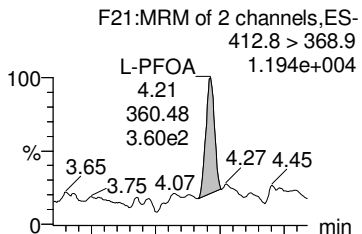
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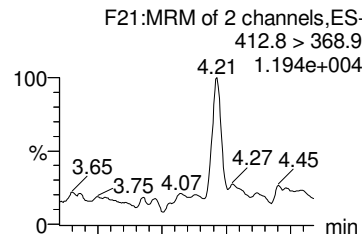
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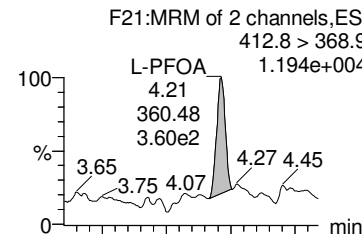
L-PFOA



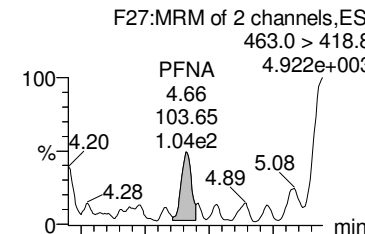
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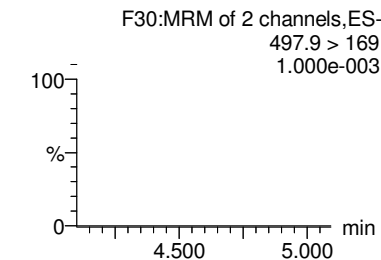
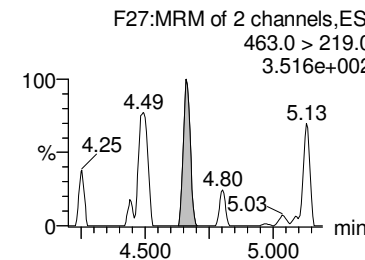
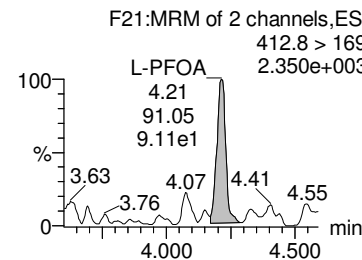
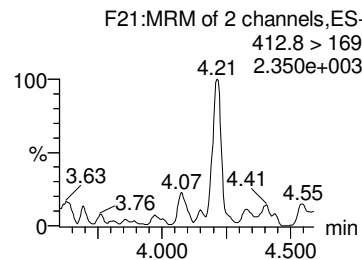
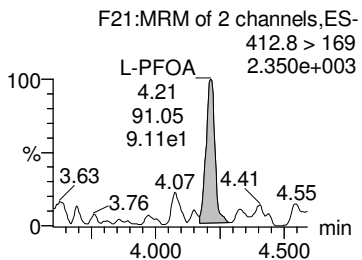
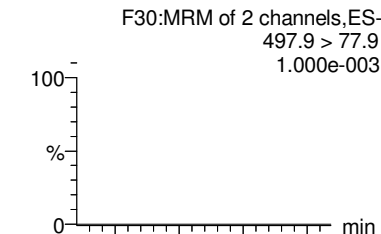
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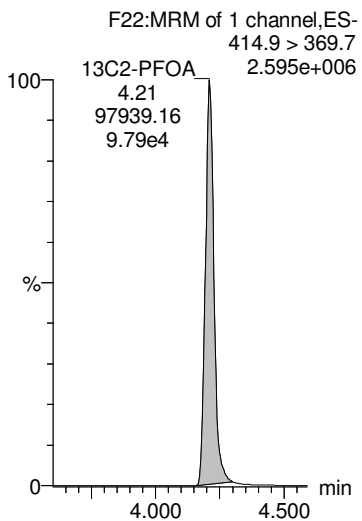
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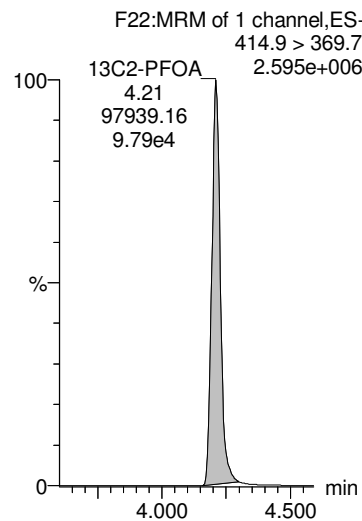
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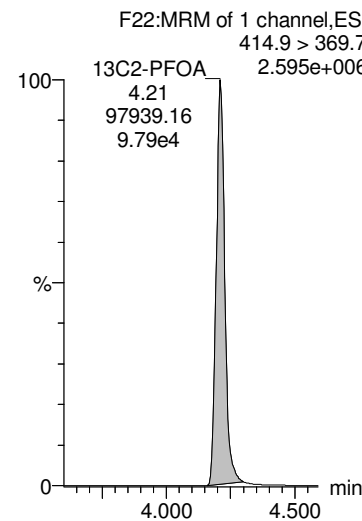
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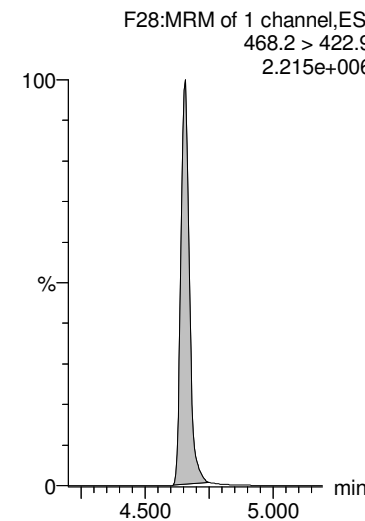
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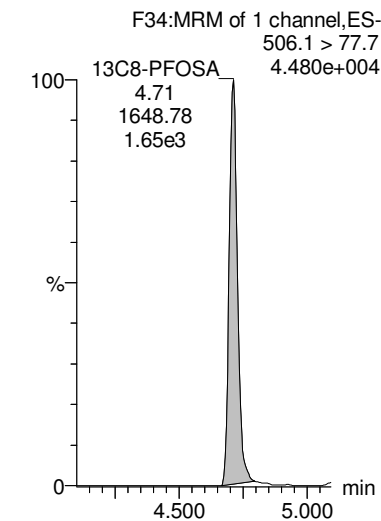
13C2-PFOA



13C5-PFNA



13C8-PFOSA



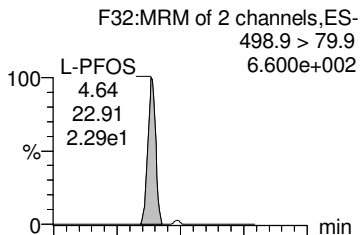
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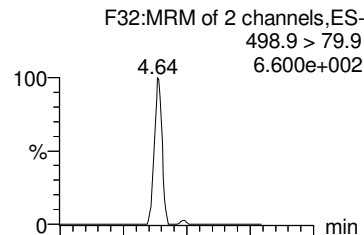
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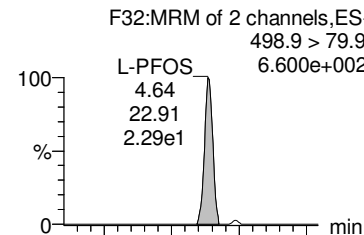
L-PFOS



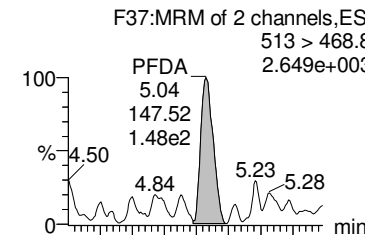
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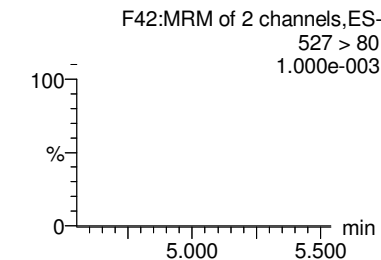
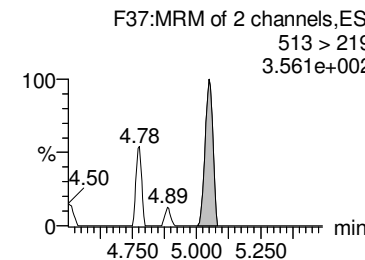
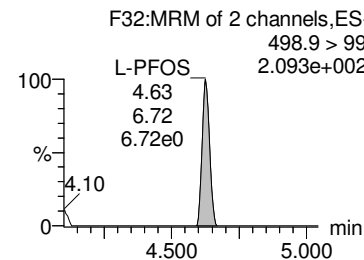
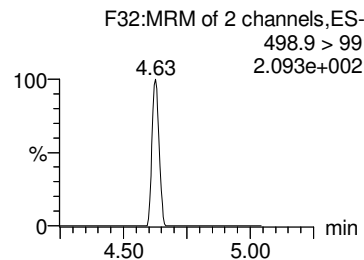
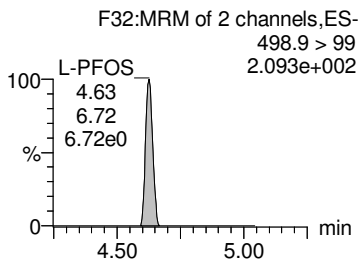
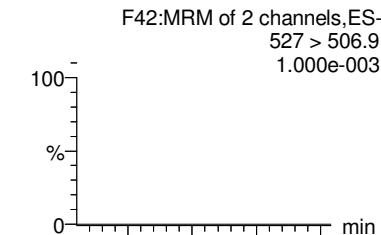
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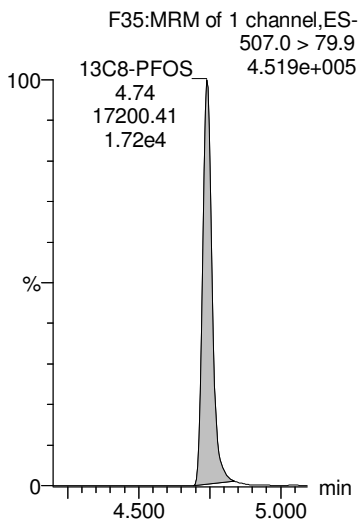
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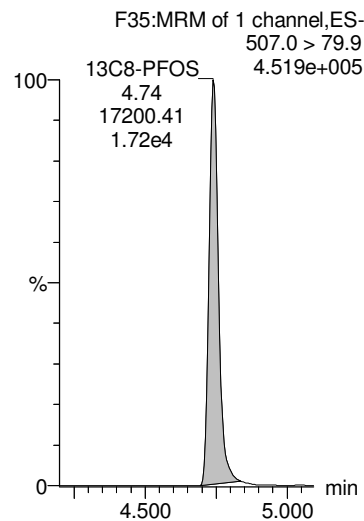
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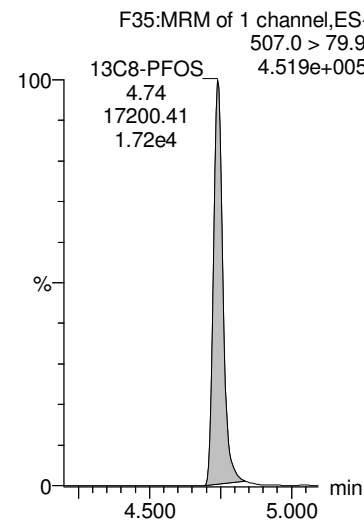
13C8-PFOS



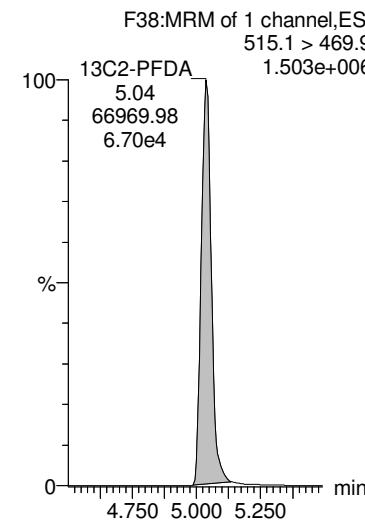
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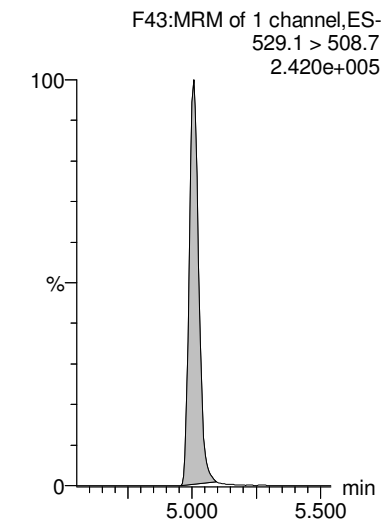
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13C2-PFDA



13C2-8:2 FTS



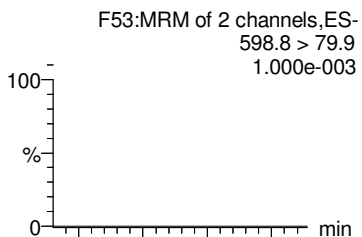
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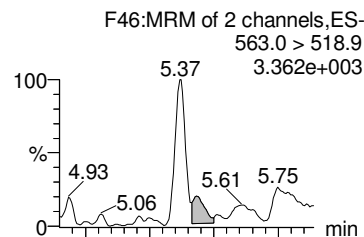
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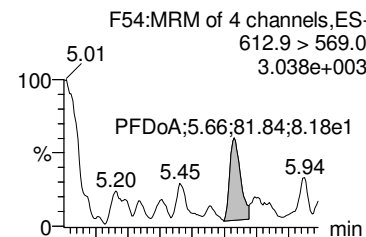
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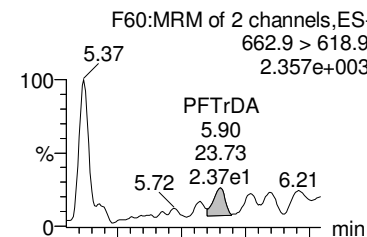
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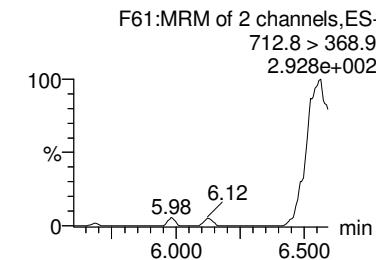
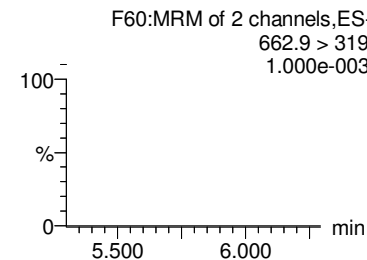
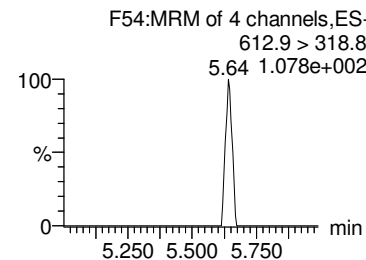
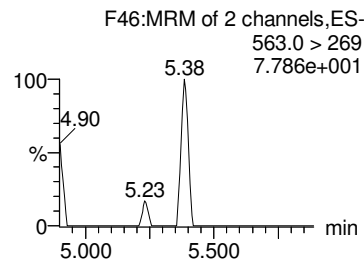
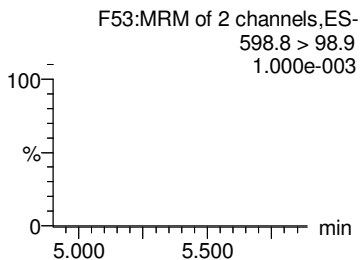
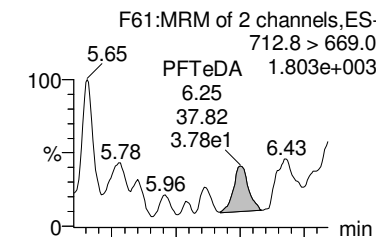
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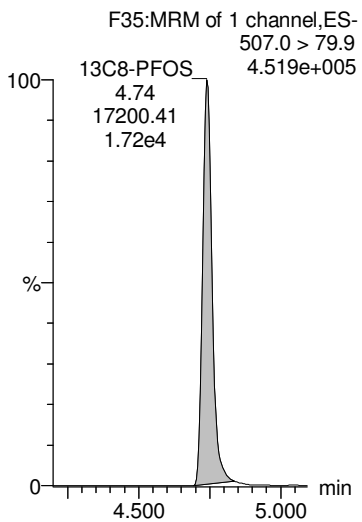
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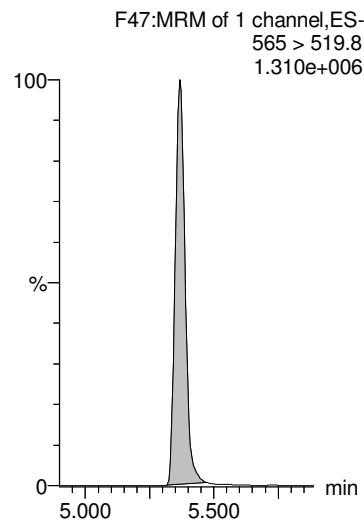
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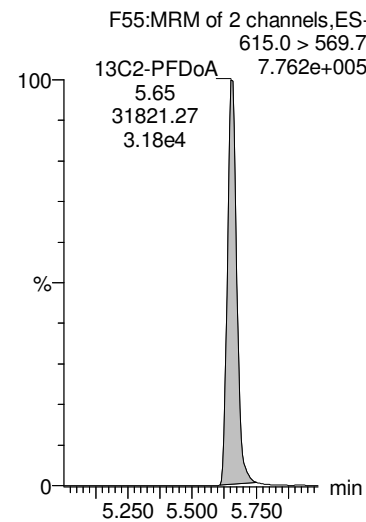
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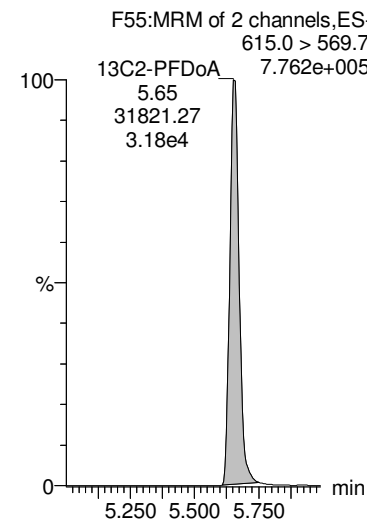
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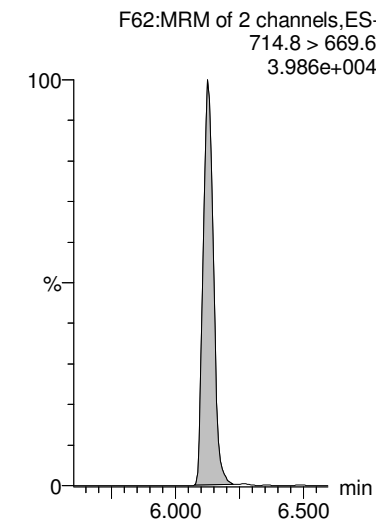
13C2-PFDoA



13C2-PFDoA



13C2-PFTeDA



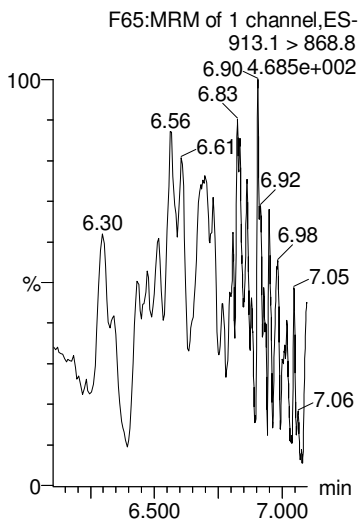
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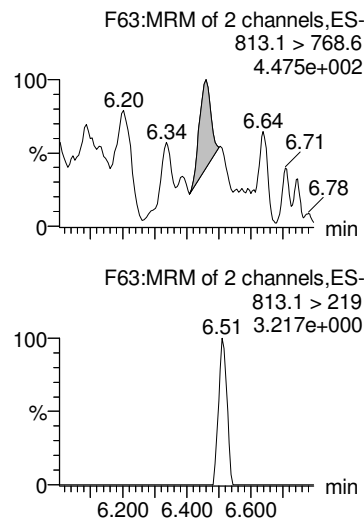
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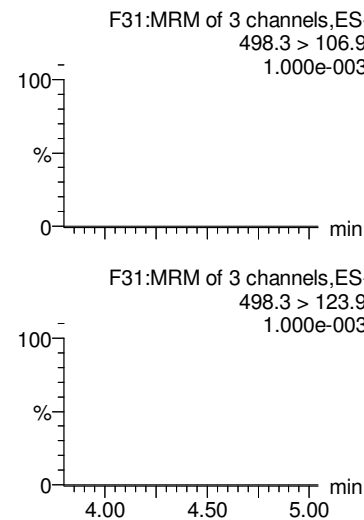
PFODA



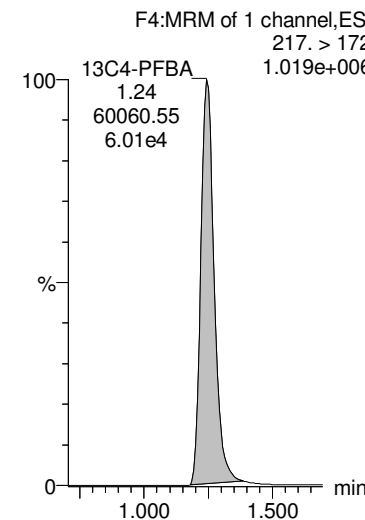
PFHxDA



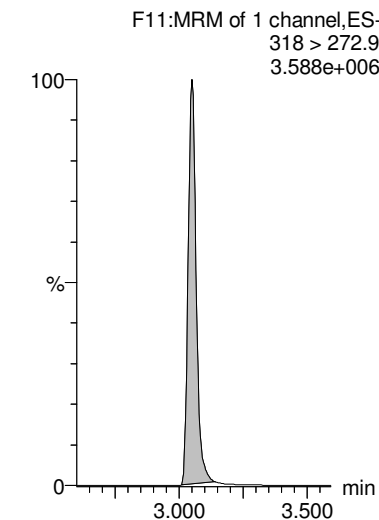
TCDA



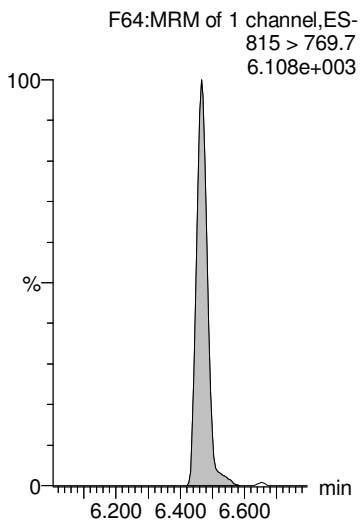
13C4-PFBA



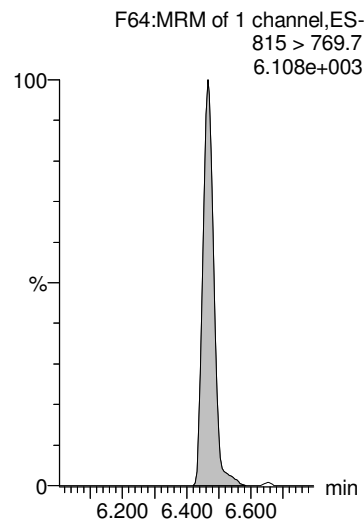
13C5-PFHxA



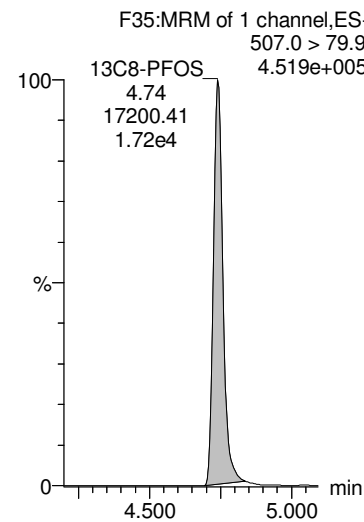
13C2-PFHxDA



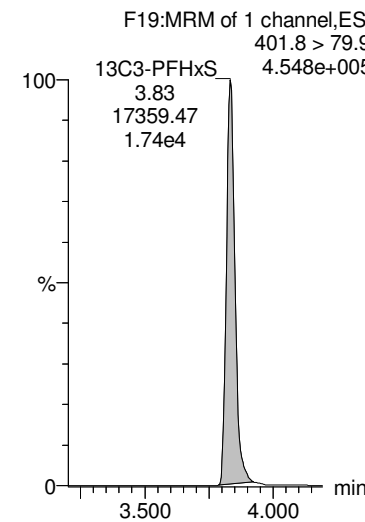
13C2-PFHxDA



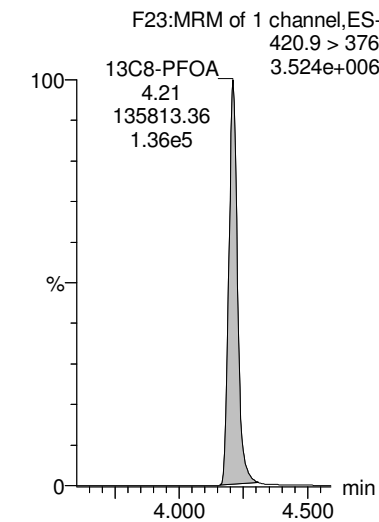
13C8-PFOS



13C3-PFHxS



13C8-PFOA



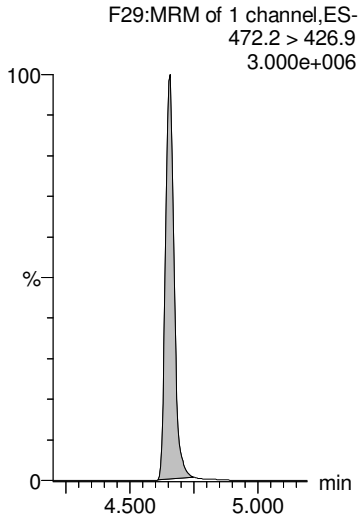
Dataset: Untitled

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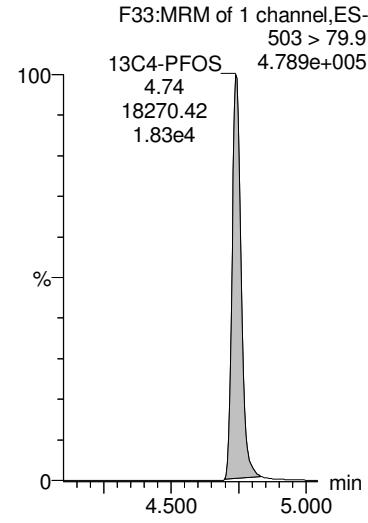
Printed: Saturday, September 15, 2018 11:47:28 Pacific Daylight Time

Name: 180826M1_16, Date: 26-Aug-2018, Time: 16:52:02, ID: 1802094-19 FRB02-072718 0.11299, Description: FRB02-072718

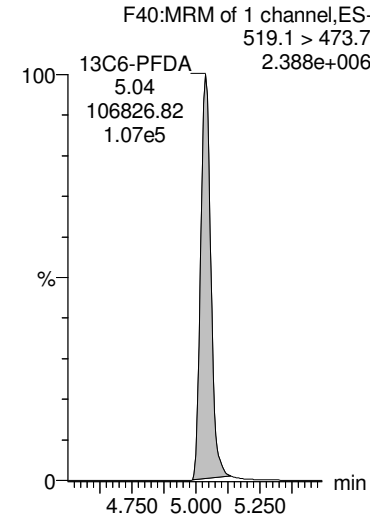
13C9-PFNA



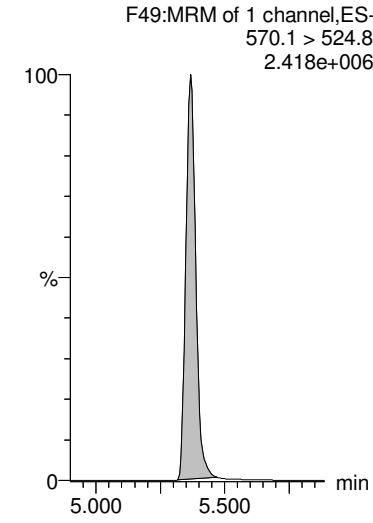
13C4-PFOS



13C6-PFDA



13C7-PFUdA



**INJECTION INTERNAL STANDARD (IIS) AREAS,
INSTRUMENT BLANKS (IB)
AND
CONTINUING CALIBRATION VERIFICATIONS (CCV)**

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\IIS.qld

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_RS-8-21-18.mdb 22 Aug 2018 09:26:25
Calibration: 26 Aug 2018 13:40:40

Name: 180825M1_7, Date: 25-Aug-2018, Time: 14:35:59, ID: ST180825M1-6 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-6 PFC CS3 18H2107	2.52e4	100.0	NO
2	2 13C5-PFHxA	ST180825M1-6 PFC CS3 18H2107	5.42e4	100.0	NO
3	3 13C3-PFHxS	ST180825M1-6 PFC CS3 18H2107	6.17e3	100.0	NO
4	4 13C8-PFOA	ST180825M1-6 PFC CS3 18H2107	5.75e4	100.0	NO
5	5 13C9-PFNA	ST180825M1-6 PFC CS3 18H2107	4.93e4	100.0	NO
6	6 13C4-PFOS	ST180825M1-6 PFC CS3 18H2107	6.80e3	100.0	NO
7	7 13C6-PFDA	ST180825M1-6 PFC CS3 18H2107	5.07e4	100.0	NO
8	8 13C7-PFUDa	ST180825M1-6 PFC CS3 18H2107	5.56e4	100.0	NO

Name: 180825M1_8, Date: 25-Aug-2018, Time: 14:46:37, ID: ST180825M1-7 PFC CS4 18H2108, Description: PFC CS4 18H2108

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-7 PFC CS4 18H2108	2.30e4	91.1	NO
2	2 13C5-PFHxA	ST180825M1-7 PFC CS4 18H2108	4.73e4	87.3	NO
3	3 13C3-PFHxS	ST180825M1-7 PFC CS4 18H2108	5.51e3	89.4	NO
4	4 13C8-PFOA	ST180825M1-7 PFC CS4 18H2108	5.10e4	88.7	NO
5	5 13C9-PFNA	ST180825M1-7 PFC CS4 18H2108	4.35e4	88.3	NO
6	6 13C4-PFOS	ST180825M1-7 PFC CS4 18H2108	6.22e3	91.4	NO
7	7 13C6-PFDA	ST180825M1-7 PFC CS4 18H2108	4.45e4	87.9	NO
8	8 13C7-PFUDa	ST180825M1-7 PFC CS4 18H2108	4.87e4	87.7	NO

Name: 180825M1_9, Date: 25-Aug-2018, Time: 14:57:09, ID: ST180825M1-8 PFC CS5 18H2109, Description: PFC CS5 18H2109

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-8 PFC CS5 18H2109	2.36e4	93.4	NO
2	2 13C5-PFHxA	ST180825M1-8 PFC CS5 18H2109	4.67e4	86.3	NO
3	3 13C3-PFHxS	ST180825M1-8 PFC CS5 18H2109	5.40e3	87.6	NO
4	4 13C8-PFOA	ST180825M1-8 PFC CS5 18H2109	4.95e4	86.0	NO
5	5 13C9-PFNA	ST180825M1-8 PFC CS5 18H2109	4.28e4	86.8	NO
6	6 13C4-PFOS	ST180825M1-8 PFC CS5 18H2109	5.90e3	86.8	NO
7	7 13C6-PFDA	ST180825M1-8 PFC CS5 18H2109	4.11e4	81.0	NO
8	8 13C7-PFUDa	ST180825M1-8 PFC CS5 18H2109	4.56e4	82.1	NO

Name: 180825M1_10, Date: 25-Aug-2018, Time: 15:07:47, ID: ST180825M1-9 PFC CS6 18H2110, Description: PFC CS6 18H2110

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-9 PFC CS6 18H2110	2.24e4	88.7	NO
2	2 13C5-PFHxA	ST180825M1-9 PFC CS6 18H2110	4.04e4	74.6	NO
3	3 13C3-PFHxS	ST180825M1-9 PFC CS6 18H2110	4.56e3	73.9	NO
4	4 13C8-PFOA	ST180825M1-9 PFC CS6 18H2110	4.34e4	75.4	NO
5	5 13C9-PFNA	ST180825M1-9 PFC CS6 18H2110	3.67e4	74.6	NO
6	6 13C4-PFOS	ST180825M1-9 PFC CS6 18H2110	5.04e3	74.1	NO
7	7 13C6-PFDA	ST180825M1-9 PFC CS6 18H2110	3.71e4	73.3	NO
8	8 13C7-PFUDa	ST180825M1-9 PFC CS6 18H2110	3.82e4	68.8	NO

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Name: 180825M1_11, Date: 25-Aug-2018, Time: 15:18:19, ID: ST180825M1-10 PFC CS7 18H2111, Description: PFC CS7 18H2111

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-10 PFC CS7 18H2111	2.01e4	79.7	NO
2	2 13C5-PFHxA	ST180825M1-10 PFC CS7 18H2111	3.46e4	63.9	NO
3	3 13C3-PFHxS	ST180825M1-10 PFC CS7 18H2111	3.66e3	59.3	NO
4	4 13C8-PFOA	ST180825M1-10 PFC CS7 18H2111	3.65e4	63.4	NO
5	5 13C9-PFNA	ST180825M1-10 PFC CS7 18H2111	3.06e4	62.0	NO
6	6 13C4-PFOS	ST180825M1-10 PFC CS7 18H2111	4.48e3	65.9	NO
7	7 13C6-PFDA	ST180825M1-10 PFC CS7 18H2111	3.10e4	61.2	NO
8	8 13C7-PFUDa	ST180825M1-10 PFC CS7 18H2111	3.10e4	55.9	NO

Name: 180825M1_12, Date: 25-Aug-2018, Time: 15:28:58, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	6.22e0	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA	8.53e0	0.0	YES
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 180825M1_13, Date: 25-Aug-2018, Time: 15:39:31, ID: ICV180825M1-1 PFC 537 ICV 18H2112, Description: PFC 537 ICV 18H2112

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ICV180825M1-1 PFC 537 ICV 18H2112	2.46e4	97.6	NO
2	2 13C5-PFHxA	ICV180825M1-1 PFC 537 ICV 18H2112	5.35e4	98.8	NO
3	3 13C3-PFHxS	ICV180825M1-1 PFC 537 ICV 18H2112	6.47e3	104.9	NO
4	4 13C8-PFOA	ICV180825M1-1 PFC 537 ICV 18H2112	5.72e4	99.4	NO
5	5 13C9-PFNA	ICV180825M1-1 PFC 537 ICV 18H2112	5.06e4	102.8	NO
6	6 13C4-PFOS	ICV180825M1-1 PFC 537 ICV 18H2112	7.02e3	103.2	NO
7	7 13C6-PFDA	ICV180825M1-1 PFC 537 ICV 18H2112	5.11e4	100.8	NO
8	8 13C7-PFUDa	ICV180825M1-1 PFC 537 ICV 18H2112	5.68e4	102.3	NO

Name: 180825M1_14, Date: 25-Aug-2018, Time: 15:50:33, ID: 1802221-01 REEPDW1228 0.12094, Description: REEPDW1228

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802221-01 REEPDW1228 0.12094	1.01e4	39.9	YES
2	2 13C5-PFHxA	1802221-01 REEPDW1228 0.12094	1.99e4	36.7	YES
3	3 13C3-PFHxS	1802221-01 REEPDW1228 0.12094	4.41e3	71.5	NO
4	4 13C8-PFOA	1802221-01 REEPDW1228 0.12094	2.32e4	40.4	YES
5	5 13C9-PFNA	1802221-01 REEPDW1228 0.12094	2.40e4	48.6	YES
6	6 13C4-PFOS	1802221-01 REEPDW1228 0.12094	5.04e3	74.2	NO
7	7 13C6-PFDA	1802221-01 REEPDW1228 0.12094	2.68e4	52.9	NO
8	8 13C7-PFUDa	1802221-01 REEPDW1228 0.12094	3.06e4	55.1	NO

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Name: 180825M1_15, Date: 25-Aug-2018, Time: 16:01:06, ID: 1802221-02 REEPDW1232 0.1198, Description: REEPDW1232

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802221-02 REEPDW1232 0.1198	1.11e4	44.1	YES
2	2 13C5-PFHxA	1802221-02 REEPDW1232 0.1198	2.35e4	43.4	YES
3	3 13C3-PFHxS	1802221-02 REEPDW1232 0.1198	4.17e3	67.6	NO
4	4 13C8-PFOA	1802221-02 REEPDW1232 0.1198	2.85e4	49.5	YES
5	5 13C9-PFNA	1802221-02 REEPDW1232 0.1198	2.77e4	56.3	NO
6	6 13C4-PFOS	1802221-02 REEPDW1232 0.1198	4.94e3	72.6	NO
7	7 13C6-PFDA	1802221-02 REEPDW1232 0.1198	2.98e4	58.8	NO
8	8 13C7-PFUDa	1802221-02 REEPDW1232 0.1198	3.47e4	62.5	NO

Name: 180825M1_16, Date: 25-Aug-2018, Time: 16:11:44, ID: 1802266-01 REEPDW1233 0.1198, Description: REEPDW1233

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802266-01 REEPDW1233 0.1198	1.25e4	49.5	YES
2	2 13C5-PFHxA	1802266-01 REEPDW1233 0.1198	2.71e4	50.0	NO
3	3 13C3-PFHxS	1802266-01 REEPDW1233 0.1198	4.33e3	70.2	NO
4	4 13C8-PFOA	1802266-01 REEPDW1233 0.1198	3.14e4	54.6	NO
5	5 13C9-PFNA	1802266-01 REEPDW1233 0.1198	2.90e4	58.9	NO
6	6 13C4-PFOS	1802266-01 REEPDW1233 0.1198	5.16e3	75.8	NO
7	7 13C6-PFDA	1802266-01 REEPDW1233 0.1198	3.10e4	61.2	NO
8	8 13C7-PFUDa	1802266-01 REEPDW1233 0.1198	3.48e4	62.6	NO

Name: 180825M1_17, Date: 25-Aug-2018, Time: 16:22:17, ID: 1802253-08 GW1808011555JTM 0.24733, Description: GW1808011555JTM

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802253-08 GW1808011555JTM 0.247...	1.80e4	71.2	NO
2	2 13C5-PFHxA	1802253-08 GW1808011555JTM 0.247...	3.64e4	67.3	NO
3	3 13C3-PFHxS	1802253-08 GW1808011555JTM 0.247...	4.65e3	75.5	NO
4	4 13C8-PFOA	1802253-08 GW1808011555JTM 0.247...	3.93e4	68.4	NO
5	5 13C9-PFNA	1802253-08 GW1808011555JTM 0.247...	3.62e4	73.4	NO
6	6 13C4-PFOS	1802253-08 GW1808011555JTM 0.247...	5.38e3	79.1	NO
7	7 13C6-PFDA	1802253-08 GW1808011555JTM 0.247...	3.76e4	74.2	NO
8	8 13C7-PFUDa	1802253-08 GW1808011555JTM 0.247...	4.24e4	76.3	NO

Name: 180825M1_18, Date: 25-Aug-2018, Time: 16:32:55, ID: 1802253-12 GW1808021200JTM 0.25503, Description: GW1808021200JTM

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802253-12 GW1808021200JTM 0.255...	1.79e4	70.8	NO
2	2 13C5-PFHxA	1802253-12 GW1808021200JTM 0.255...	3.49e4	64.4	NO
3	3 13C3-PFHxS	1802253-12 GW1808021200JTM 0.255...	4.94e3	80.1	NO
4	4 13C8-PFOA	1802253-12 GW1808021200JTM 0.255...	3.47e4	60.4	NO
5	5 13C9-PFNA	1802253-12 GW1808021200JTM 0.255...	3.49e4	70.8	NO
6	6 13C4-PFOS	1802253-12 GW1808021200JTM 0.255...	4.42e3	65.0	NO
7	7 13C6-PFDA	1802253-12 GW1808021200JTM 0.255...	3.76e4	74.2	NO
8	8 13C7-PFUDa	1802253-12 GW1808021200JTM 0.255...	3.89e4	70.1	NO

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Name: 180825M1_19, Date: 25-Aug-2018, Time: 16:43:27, ID: 1802151-01@5x TA-SB-59 (2-3)-EPA 1.62, Description: TA-SB-59 (2-3)-EPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802151-01@5x TA-SB-59 (2-3)-EPA 1....	5.07e3	20.1	YES
2	2 13C5-PFHxA	1802151-01@5x TA-SB-59 (2-3)-EPA 1....	9.86e3	18.2	YES
3	3 13C3-PFHxS	1802151-01@5x TA-SB-59 (2-3)-EPA 1....	1.37e3	22.3	YES
4	4 13C8-PFOA	1802151-01@5x TA-SB-59 (2-3)-EPA 1....	1.16e4	20.2	YES
5	5 13C9-PFNA	1802151-01@5x TA-SB-59 (2-3)-EPA 1....	9.55e3	19.4	YES
6	6 13C4-PFOS	1802151-01@5x TA-SB-59 (2-3)-EPA 1....	1.29e3	18.9	YES
7	7 13C6-PFDA	1802151-01@5x TA-SB-59 (2-3)-EPA 1....	1.02e4	20.1	YES
8	8 13C7-PFUDa	1802151-01@5x TA-SB-59 (2-3)-EPA 1....	1.08e4	19.5	YES

Name: 180825M1_20, Date: 25-Aug-2018, Time: 16:54:05, ID: 1802253-06@10x GW1808011525SK 0.24886, Description: GW1808011525SK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802253-06@10x GW1808011525SK 0...	2.61e3	10.3	YES
2	2 13C5-PFHxA	1802253-06@10x GW1808011525SK 0...	4.98e3	9.2	YES
3	3 13C3-PFHxS	1802253-06@10x GW1808011525SK 0...	6.89e2	11.2	YES
4	4 13C8-PFOA	1802253-06@10x GW1808011525SK 0...	4.46e3	7.8	YES
5	5 13C9-PFNA	1802253-06@10x GW1808011525SK 0...	4.87e3	9.9	YES
6	6 13C4-PFOS	1802253-06@10x GW1808011525SK 0...	5.98e2	8.8	YES
7	7 13C6-PFDA	1802253-06@10x GW1808011525SK 0...	5.49e3	10.8	YES
8	8 13C7-PFUDa	1802253-06@10x GW1808011525SK 0...	5.86e3	10.5	YES

Name: 180825M1_21, Date: 25-Aug-2018, Time: 17:04:38, ID: 1802253-07@10x GW1808011555SK 0.25005, Description: GW1808011555SK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802253-07@10x GW1808011555SK 0...	3.04e3	12.0	YES
2	2 13C5-PFHxA	1802253-07@10x GW1808011555SK 0...	5.99e3	11.1	YES
3	3 13C3-PFHxS	1802253-07@10x GW1808011555SK 0...	7.79e2	12.6	YES
4	4 13C8-PFOA	1802253-07@10x GW1808011555SK 0...	6.05e3	10.5	YES
5	5 13C9-PFNA	1802253-07@10x GW1808011555SK 0...	5.52e3	11.2	YES
6	6 13C4-PFOS	1802253-07@10x GW1808011555SK 0...	6.56e2	9.6	YES
7	7 13C6-PFDA	1802253-07@10x GW1808011555SK 0...	6.36e3	12.5	YES
8	8 13C7-PFUDa	1802253-07@10x GW1808011555SK 0...	6.81e3	12.3	YES

Name: 180825M1_22, Date: 25-Aug-2018, Time: 17:15:16, ID: 1802253-09@10x GW1808021000JTM 0.23999, Description: GW1808021000JTM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802253-09@10x GW1808021000JTM ...	1.85e3	7.3	YES
2	2 13C5-PFHxA	1802253-09@10x GW1808021000JTM ...	3.47e3	6.4	YES
3	3 13C3-PFHxS	1802253-09@10x GW1808021000JTM ...	4.31e2	7.0	YES
4	4 13C8-PFOA	1802253-09@10x GW1808021000JTM ...	3.72e3	6.5	YES
5	5 13C9-PFNA	1802253-09@10x GW1808021000JTM ...	3.40e3	6.9	YES
6	6 13C4-PFOS	1802253-09@10x GW1808021000JTM ...	4.39e2	6.5	YES
7	7 13C6-PFDA	1802253-09@10x GW1808021000JTM ...	3.51e3	6.9	YES
8	8 13C7-PFUDa	1802253-09@10x GW1808021000JTM ...	4.06e3	7.3	YES

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Name: 180825M1_23, Date: 25-Aug-2018, Time: 17:25:50, ID: 1802253-10@10x GW1808021010SK 0.24604, Description: GW1808021010SK

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802253-10@10x GW1808021010SK 0...	3.42e3	13.5	YES
2	2 13C5-PFHxA	1802253-10@10x GW1808021010SK 0...	6.47e3	11.9	YES
3	3 13C3-PFHxS	1802253-10@10x GW1808021010SK 0...	9.10e2	14.8	YES
4	4 13C8-PFOA	1802253-10@10x GW1808021010SK 0...	5.45e3	9.5	YES
5	5 13C9-PFNA	1802253-10@10x GW1808021010SK 0...	6.16e3	12.5	YES
6	6 13C4-PFOS	1802253-10@10x GW1808021010SK 0...	6.83e2	10.0	YES
7	7 13C6-PFDA	1802253-10@10x GW1808021010SK 0...	7.23e3	14.3	YES
8	8 13C7-PFUdA	1802253-10@10x GW1808021010SK 0...	8.19e3	14.7	YES

Name: 180825M1_24, Date: 25-Aug-2018, Time: 17:36:28, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA	5.76e0	0.0	YES
2	2 13C5-PFHxA	IPA	1.03e1	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 180825M1_25, Date: 25-Aug-2018, Time: 17:47:02, ID: ST180825M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-11 PFC CS3 18H2107	2.37e4	94.0	NO
2	2 13C5-PFHxA	ST180825M1-11 PFC CS3 18H2107	5.35e4	98.9	NO
3	3 13C3-PFHxS	ST180825M1-11 PFC CS3 18H2107	6.49e3	105.2	NO
4	4 13C8-PFOA	ST180825M1-11 PFC CS3 18H2107	5.92e4	102.9	NO
5	5 13C9-PFNA	ST180825M1-11 PFC CS3 18H2107	5.09e4	103.2	NO
6	6 13C4-PFOS	ST180825M1-11 PFC CS3 18H2107	7.25e3	106.6	NO
7	7 13C6-PFDA	ST180825M1-11 PFC CS3 18H2107	5.08e4	100.3	NO
8	8 13C7-PFUdA	ST180825M1-11 PFC CS3 18H2107	5.60e4	100.9	NO

Name: 180825M1_26, Date: 25-Aug-2018, Time: 17:57:40, ID: 1802253-11@10x GW1808021110SK 0.24835, Description: GW1808021110SK

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802253-11@10x GW1808021110SK 0...	1.94e3	7.7	YES
2	2 13C5-PFHxA	1802253-11@10x GW1808021110SK 0...	3.73e3	6.9	YES
3	3 13C3-PFHxS	1802253-11@10x GW1808021110SK 0...	4.59e2	7.4	YES
4	4 13C8-PFOA	1802253-11@10x GW1808021110SK 0...	3.21e3	5.6	YES
5	5 13C9-PFNA	1802253-11@10x GW1808021110SK 0...	3.47e3	7.0	YES
6	6 13C4-PFOS	1802253-11@10x GW1808021110SK 0...	3.94e2	5.8	YES
7	7 13C6-PFDA	1802253-11@10x GW1808021110SK 0...	3.88e3	7.7	YES
8	8 13C7-PFUdA	1802253-11@10x GW1808021110SK 0...	4.48e3	8.1	YES

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Name: 180825M1_27, Date: 25-Aug-2018, Time: 18:08:13, ID: 1802253-13@20x GW1808021305SK 0.25084,

Description: GW1808021305SK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802253-13@20x GW1808021305SK 0...	1.67e3	6.6	YES
2	2 13C5-PFHxA	1802253-13@20x GW1808021305SK 0...	3.53e3	6.5	YES
3	3 13C3-PFHxS	1802253-13@20x GW1808021305SK 0...	4.13e2	6.7	YES
4	4 13C8-PFOA	1802253-13@20x GW1808021305SK 0...	3.58e3	6.2	YES
5	5 13C9-PFNA	1802253-13@20x GW1808021305SK 0...	3.30e3	6.7	YES
6	6 13C4-PFOS	1802253-13@20x GW1808021305SK 0...	3.17e2	4.7	YES
7	7 13C6-PFDA	1802253-13@20x GW1808021305SK 0...	3.46e3	6.8	YES
8	8 13C7-PFUDa	1802253-13@20x GW1808021305SK 0...	3.63e3	6.5	YES

Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0014-BS1 OPR 0.25	1.66e4	65.7	NO
2	2 13C5-PFHxA	B8H0014-BS1 OPR 0.25	3.38e4	62.4	NO
3	3 13C3-PFHxS	B8H0014-BS1 OPR 0.25	4.16e3	67.4	NO
4	4 13C8-PFOA	B8H0014-BS1 OPR 0.25	3.62e4	62.9	NO
5	5 13C9-PFNA	B8H0014-BS1 OPR 0.25	3.20e4	65.0	NO
6	6 13C4-PFOS	B8H0014-BS1 OPR 0.25	4.74e3	69.6	NO
7	7 13C6-PFDA	B8H0014-BS1 OPR 0.25	3.38e4	66.7	NO
8	8 13C7-PFUDa	B8H0014-BS1 OPR 0.25	3.90e4	70.3	NO

Name: 180825M1_29, Date: 25-Aug-2018, Time: 18:29:29, ID: B8H0014-BLK1 Method Blank 0.25, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0014-BLK1 Method Blank 0.25	1.60e4	63.3	NO
2	2 13C5-PFHxA	B8H0014-BLK1 Method Blank 0.25	3.36e4	62.1	NO
3	3 13C3-PFHxS	B8H0014-BLK1 Method Blank 0.25	4.57e3	74.1	NO
4	4 13C8-PFOA	B8H0014-BLK1 Method Blank 0.25	3.79e4	65.8	NO
5	5 13C9-PFNA	B8H0014-BLK1 Method Blank 0.25	3.45e4	70.1	NO
6	6 13C4-PFOS	B8H0014-BLK1 Method Blank 0.25	5.12e3	75.2	NO
7	7 13C6-PFDA	B8H0014-BLK1 Method Blank 0.25	3.74e4	73.8	NO
8	8 13C7-PFUDa	B8H0014-BLK1 Method Blank 0.25	4.05e4	72.9	NO

Name: 180825M1_30, Date: 25-Aug-2018, Time: 18:40:02, ID: B8H0014-MS1 Matrix Spike 0.25251, Description: Matrix Spike

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0014-MS1 Matrix Spike 0.25251	1.82e4	72.2	NO
2	2 13C5-PFHxA	B8H0014-MS1 Matrix Spike 0.25251	3.64e4	67.2	NO
3	3 13C3-PFHxS	B8H0014-MS1 Matrix Spike 0.25251	4.72e3	76.5	NO
4	4 13C8-PFOA	B8H0014-MS1 Matrix Spike 0.25251	3.99e4	69.3	NO
5	5 13C9-PFNA	B8H0014-MS1 Matrix Spike 0.25251	2.78e4	56.5	NO
6	6 13C4-PFOS	B8H0014-MS1 Matrix Spike 0.25251	5.19e3	76.4	NO
7	7 13C6-PFDA	B8H0014-MS1 Matrix Spike 0.25251	3.57e4	70.5	NO
8	8 13C7-PFUDa	B8H0014-MS1 Matrix Spike 0.25251	3.31e4	59.5	NO

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Name: 180825M1_31, Date: 25-Aug-2018, Time: 18:50:40, ID: B8H0014-MSD1 Matrix Spike Dup 0.2563, Description: Matrix Spike Dup

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0014-MSD1 Matrix Spike Dup 0.2563	1.59e4	62.8	NO
2	2 13C5-PFHxA	B8H0014-MSD1 Matrix Spike Dup 0.2563	3.31e4	61.1	NO
3	3 13C3-PFHxS	B8H0014-MSD1 Matrix Spike Dup 0.2563	4.71e3	76.4	NO
4	4 13C8-PFOA	B8H0014-MSD1 Matrix Spike Dup 0.2563	3.74e4	65.0	NO
5	5 13C9-PFNA	B8H0014-MSD1 Matrix Spike Dup 0.2563	2.65e4	53.8	NO
6	6 13C4-PFOS	B8H0014-MSD1 Matrix Spike Dup 0.2563	5.15e3	75.7	NO
7	7 13C6-PFDA	B8H0014-MSD1 Matrix Spike Dup 0.2563	3.44e4	67.8	NO
8	8 13C7-PFUDa	B8H0014-MSD1 Matrix Spike Dup 0.2563	3.24e4	58.3	NO

Name: 180825M1_32, Date: 25-Aug-2018, Time: 19:01:19, ID: 1802094-01 FC-MW025R1-20180726 0.24814, Description: FC-MW025R1-20180726

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-01 FC-MW025R1-20180726 0...	1.67e4	66.3	NO
2	2 13C5-PFHxA	1802094-01 FC-MW025R1-20180726 0...	3.42e4	63.2	NO
3	3 13C3-PFHxS	1802094-01 FC-MW025R1-20180726 0...	4.48e3	72.7	NO
4	4 13C8-PFOA	1802094-01 FC-MW025R1-20180726 0...	3.89e4	67.6	NO
5	5 13C9-PFNA	1802094-01 FC-MW025R1-20180726 0...	3.32e4	67.3	NO
6	6 13C4-PFOS	1802094-01 FC-MW025R1-20180726 0...	5.37e3	79.0	NO
7	7 13C6-PFDA	1802094-01 FC-MW025R1-20180726 0...	3.58e4	70.7	NO
8	8 13C7-PFUDa	1802094-01 FC-MW025R1-20180726 0...	3.04e4	54.7	NO

Name: 180825M1_33, Date: 25-Aug-2018, Time: 19:11:52, ID: 1802094-02 SA-PZ163I-20180726 0.24349, Description: SA-PZ163I-20180726

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-02 SA-PZ163I-20180726 0.24...	1.65e4	65.2	NO
2	2 13C5-PFHxA	1802094-02 SA-PZ163I-20180726 0.24...	3.40e4	62.7	NO
3	3 13C3-PFHxS	1802094-02 SA-PZ163I-20180726 0.24...	4.45e3	72.1	NO
4	4 13C8-PFOA	1802094-02 SA-PZ163I-20180726 0.24...	3.72e4	64.6	NO
5	5 13C9-PFNA	1802094-02 SA-PZ163I-20180726 0.24...	2.87e4	58.3	NO
6	6 13C4-PFOS	1802094-02 SA-PZ163I-20180726 0.24...	4.99e3	73.4	NO
7	7 13C6-PFDA	1802094-02 SA-PZ163I-20180726 0.24...	3.47e4	68.4	NO
8	8 13C7-PFUDa	1802094-02 SA-PZ163I-20180726 0.24...	3.61e4	65.0	NO

Name: 180825M1_34, Date: 25-Aug-2018, Time: 19:22:31, ID: 1802094-03 SA-PZ181I-20180726 0.25108, Description: SA-PZ181I-20180726

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-03 SA-PZ181I-20180726 0.25...	1.42e4	56.2	NO
2	2 13C5-PFHxA	1802094-03 SA-PZ181I-20180726 0.25...	2.77e4	51.1	NO
3	3 13C3-PFHxS	1802094-03 SA-PZ181I-20180726 0.25...	4.30e3	69.7	NO
4	4 13C8-PFOA	1802094-03 SA-PZ181I-20180726 0.25...	3.08e4	53.5	NO
5	5 13C9-PFNA	1802094-03 SA-PZ181I-20180726 0.25...	2.70e4	54.8	NO
6	6 13C4-PFOS	1802094-03 SA-PZ181I-20180726 0.25...	4.96e3	72.9	NO
7	7 13C6-PFDA	1802094-03 SA-PZ181I-20180726 0.25...	3.01e4	59.4	NO
8	8 13C7-PFUDa	1802094-03 SA-PZ181I-20180726 0.25...	3.44e4	61.9	NO

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Name: 180825M1_35, Date: 25-Aug-2018, Time: 19:33:04, ID: 1802094-04 SA-PZ182I-20180726 0.24043, Description: SA-PZ182I-20180726

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-04 SA-PZ182I-20180726 0.24...	1.39e4	55.1	NO
2	2 13C5-PFHxA	1802094-04 SA-PZ182I-20180726 0.24...	2.75e4	50.9	NO
3	3 13C3-PFHxS	1802094-04 SA-PZ182I-20180726 0.24...	4.09e3	66.4	NO
4	4 13C8-PFOA	1802094-04 SA-PZ182I-20180726 0.24...	2.98e4	51.7	NO
5	5 13C9-PFNA	1802094-04 SA-PZ182I-20180726 0.24...	2.67e4	54.2	NO
6	6 13C4-PFOS	1802094-04 SA-PZ182I-20180726 0.24...	4.40e3	64.7	NO
7	7 13C6-PFDA	1802094-04 SA-PZ182I-20180726 0.24...	2.88e4	56.9	NO
8	8 13C7-PFUDa	1802094-04 SA-PZ182I-20180726 0.24...	3.43e4	61.7	NO

Name: 180825M1_36, Date: 25-Aug-2018, Time: 19:43:42, ID: 1802094-05 SA-PZ145I-20180726 0.25273, Description: SA-PZ145I-20180726

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-05 SA-PZ145I-20180726 0.25...	1.62e4	64.0	NO
2	2 13C5-PFHxA	1802094-05 SA-PZ145I-20180726 0.25...	3.29e4	60.8	NO
3	3 13C3-PFHxS	1802094-05 SA-PZ145I-20180726 0.25...	4.46e3	72.4	NO
4	4 13C8-PFOA	1802094-05 SA-PZ145I-20180726 0.25...	3.59e4	62.3	NO
5	5 13C9-PFNA	1802094-05 SA-PZ145I-20180726 0.25...	2.26e4	45.9	YES
6	6 13C4-PFOS	1802094-05 SA-PZ145I-20180726 0.25...	4.89e3	71.9	NO
7	7 13C6-PFDA	1802094-05 SA-PZ145I-20180726 0.25...	3.40e4	67.1	NO
8	8 13C7-PFUDa	1802094-05 SA-PZ145I-20180726 0.25...	3.52e4	63.4	NO

Name: 180825M1_37, Date: 25-Aug-2018, Time: 19:54:15, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-06 SA-PZ145D-20180726 0.2...	1.67e4	66.0	NO
2	2 13C5-PFHxA	1802094-06 SA-PZ145D-20180726 0.2...	3.32e4	61.3	NO
3	3 13C3-PFHxS	1802094-06 SA-PZ145D-20180726 0.2...	4.53e3	73.4	NO
4	4 13C8-PFOA	1802094-06 SA-PZ145D-20180726 0.2...	3.57e4	62.0	NO
5	5 13C9-PFNA	1802094-06 SA-PZ145D-20180726 0.2...	2.25e4	45.7	YES
6	6 13C4-PFOS	1802094-06 SA-PZ145D-20180726 0.2...	4.93e3	72.4	NO
7	7 13C6-PFDA	1802094-06 SA-PZ145D-20180726 0.2...	2.97e4	58.7	NO
8	8 13C7-PFUDa	1802094-06 SA-PZ145D-20180726 0.2...	3.66e4	66.0	NO

Name: 180825M1_38, Date: 25-Aug-2018, Time: 20:04:53, ID: 1802094-07 SA-MW128I-20180726 0.253, Description: SA-MW128I-20180726

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-07 SA-MW128I-20180726 0.253	1.64e4	65.0	NO
2	2 13C5-PFHxA	1802094-07 SA-MW128I-20180726 0.253	3.25e4	60.0	NO
3	3 13C3-PFHxS	1802094-07 SA-MW128I-20180726 0.253	4.33e3	70.2	NO
4	4 13C8-PFOA	1802094-07 SA-MW128I-20180726 0.253	3.51e4	61.0	NO
5	5 13C9-PFNA	1802094-07 SA-MW128I-20180726 0.253	2.47e4	50.2	NO
6	6 13C4-PFOS	1802094-07 SA-MW128I-20180726 0.253	4.85e3	71.2	NO
7	7 13C6-PFDA	1802094-07 SA-MW128I-20180726 0.253	3.38e4	66.7	NO
8	8 13C7-PFUDa	1802094-07 SA-MW128I-20180726 0.253	3.62e4	65.2	NO

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Name: 180825M1_39, Date: 25-Aug-2018, Time: 20:15:26, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-08 SA-PZ144I-20180726 0.26...	1.25e4	49.3	YES
2	2 13C5-PFHxA	1802094-08 SA-PZ144I-20180726 0.26...	2.64e4	48.8	YES
3	3 13C3-PFHxS	1802094-08 SA-PZ144I-20180726 0.26...	4.03e3	65.3	NO
4	4 13C8-PFOA	1802094-08 SA-PZ144I-20180726 0.26...	3.00e4	52.1	NO
5	5 13C9-PFNA	1802094-08 SA-PZ144I-20180726 0.26...	2.77e4	56.3	NO
6	6 13C4-PFOS	1802094-08 SA-PZ144I-20180726 0.26...	4.71e3	69.3	NO
7	7 13C6-PFDA	1802094-08 SA-PZ144I-20180726 0.26...	2.82e4	55.7	NO
8	8 13C7-PFUdA	1802094-08 SA-PZ144I-20180726 0.26...	3.32e4	59.8	NO

Name: 180825M1_40, Date: 25-Aug-2018, Time: 20:26:05, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 180825M1_41, Date: 25-Aug-2018, Time: 20:36:37, ID: ST180825M1-12 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-12 PFC CS3 18H2107	2.60e4	103.2	NO
2	2 13C5-PFHxA	ST180825M1-12 PFC CS3 18H2107	5.81e4	107.3	NO
3	3 13C3-PFHxS	ST180825M1-12 PFC CS3 18H2107	6.90e3	112.0	NO
4	4 13C8-PFOA	ST180825M1-12 PFC CS3 18H2107	6.13e4	106.5	NO
5	5 13C9-PFNA	ST180825M1-12 PFC CS3 18H2107	5.46e4	110.8	NO
6	6 13C4-PFOS	ST180825M1-12 PFC CS3 18H2107	7.47e3	109.9	NO
7	7 13C6-PFDA	ST180825M1-12 PFC CS3 18H2107	5.54e4	109.4	NO
8	8 13C7-PFUdA	ST180825M1-12 PFC CS3 18H2107	5.81e4	104.5	NO

Name: 180825M1_42, Date: 25-Aug-2018, Time: 20:47:16, ID: 1802094-09 SA-PZ144S-20180726 0.25422, Description: SA-PZ144S-20180726

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-09 SA-PZ144S-20180726 0.2...	1.68e4	66.7	NO
2	2 13C5-PFHxA	1802094-09 SA-PZ144S-20180726 0.2...	3.40e4	62.8	NO
3	3 13C3-PFHxS	1802094-09 SA-PZ144S-20180726 0.2...	4.25e3	68.9	NO
4	4 13C8-PFOA	1802094-09 SA-PZ144S-20180726 0.2...	3.74e4	65.1	NO
5	5 13C9-PFNA	1802094-09 SA-PZ144S-20180726 0.2...	3.19e4	64.8	NO
6	6 13C4-PFOS	1802094-09 SA-PZ144S-20180726 0.2...	4.84e3	71.2	NO
7	7 13C6-PFDA	1802094-09 SA-PZ144S-20180726 0.2...	3.24e4	63.8	NO
8	8 13C7-PFUdA	1802094-09 SA-PZ144S-20180726 0.2...	3.55e4	63.9	NO

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Name: 180825M1_43, Date: 25-Aug-2018, Time: 20:57:48, ID: 1802094-10 SA-PZ1711-20180727 0.25964, Description: SA-PZ1711-20180727

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-10 SA-PZ1711-20180727 0.25...	1.55e4	61.4	NO
2	2 13C5-PFHxA	1802094-10 SA-PZ1711-20180727 0.25...	3.28e4	60.5	NO
3	3 13C3-PFHxS	1802094-10 SA-PZ1711-20180727 0.25...	4.70e3	76.3	NO
4	4 13C8-PFOA	1802094-10 SA-PZ1711-20180727 0.25...	3.68e4	64.0	NO
5	5 13C9-PFNA	1802094-10 SA-PZ1711-20180727 0.25...	2.71e4	55.0	NO
6	6 13C4-PFOS	1802094-10 SA-PZ1711-20180727 0.25...	5.15e3	75.7	NO
7	7 13C6-PFDA	1802094-10 SA-PZ1711-20180727 0.25...	3.38e4	66.7	NO
8	8 13C7-PFUDa	1802094-10 SA-PZ1711-20180727 0.25...	3.21e4	57.8	NO

Name: 180825M1_44, Date: 25-Aug-2018, Time: 21:08:27, ID: 1802094-11 SA-SW201-20180727 0.10591, Description: SA-SW201-20180727

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-11 SA-SW201-20180727 0.10...	1.63e4	64.6	NO
2	2 13C5-PFHxA	1802094-11 SA-SW201-20180727 0.10...	3.27e4	60.4	NO
3	3 13C3-PFHxS	1802094-11 SA-SW201-20180727 0.10...	4.47e3	72.5	NO
4	4 13C8-PFOA	1802094-11 SA-SW201-20180727 0.10...	3.33e4	57.8	NO
5	5 13C9-PFNA	1802094-11 SA-SW201-20180727 0.10...	2.90e4	58.8	NO
6	6 13C4-PFOS	1802094-11 SA-SW201-20180727 0.10...	5.23e3	77.0	NO
7	7 13C6-PFDA	1802094-11 SA-SW201-20180727 0.10...	3.22e4	63.5	NO
8	8 13C7-PFUDa	1802094-11 SA-SW201-20180727 0.10...	3.49e4	62.9	NO

Name: 180825M1_45, Date: 25-Aug-2018, Time: 21:19:05, ID: 1802094-12 SA-SW204-20180727 0.10977, Description: SA-SW204-20180727

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-12 SA-SW204-20180727 0.10...	1.61e4	63.6	NO
2	2 13C5-PFHxA	1802094-12 SA-SW204-20180727 0.10...	3.24e4	59.9	NO
3	3 13C3-PFHxS	1802094-12 SA-SW204-20180727 0.10...	4.26e3	69.1	NO
4	4 13C8-PFOA	1802094-12 SA-SW204-20180727 0.10...	3.33e4	58.0	NO
5	5 13C9-PFNA	1802094-12 SA-SW204-20180727 0.10...	3.17e4	64.3	NO
6	6 13C4-PFOS	1802094-12 SA-SW204-20180727 0.10...	5.07e3	74.5	NO
7	7 13C6-PFDA	1802094-12 SA-SW204-20180727 0.10...	3.31e4	65.3	NO
8	8 13C7-PFUDa	1802094-12 SA-SW204-20180727 0.10...	3.72e4	67.0	NO

Name: 180825M1_46, Date: 25-Aug-2018, Time: 21:29:38, ID: 1802094-13 SA-SW301-20180727 0.10413, Description: SA-SW301-20180727

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-13 SA-SW301-20180727 0.10...	1.61e4	63.7	NO
2	2 13C5-PFHxA	1802094-13 SA-SW301-20180727 0.10...	3.20e4	59.1	NO
3	3 13C3-PFHxS	1802094-13 SA-SW301-20180727 0.10...	4.19e3	68.0	NO
4	4 13C8-PFOA	1802094-13 SA-SW301-20180727 0.10...	3.63e4	63.0	NO
5	5 13C9-PFNA	1802094-13 SA-SW301-20180727 0.10...	3.24e4	65.8	NO
6	6 13C4-PFOS	1802094-13 SA-SW301-20180727 0.10...	4.46e3	65.6	NO
7	7 13C6-PFDA	1802094-13 SA-SW301-20180727 0.10...	3.31e4	65.3	NO
8	8 13C7-PFUDa	1802094-13 SA-SW301-20180727 0.10...	3.78e4	68.0	NO

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Name: 180825M1_47, Date: 25-Aug-2018, Time: 21:40:09, ID: 1802094-14 EB01-072618 0.11489, Description: EB01-072618

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-14 EB01-072618 0.11489	1.81e4	71.7	NO
2	2 13C5-PFHxA	1802094-14 EB01-072618 0.11489	3.74e4	69.0	NO
3	3 13C3-PFHxS	1802094-14 EB01-072618 0.11489	4.91e3	79.6	NO
4	4 13C8-PFOA	1802094-14 EB01-072618 0.11489	4.08e4	71.0	NO
5	5 13C9-PFNA	1802094-14 EB01-072618 0.11489	3.79e4	76.8	NO
6	6 13C4-PFOS	1802094-14 EB01-072618 0.11489	5.67e3	83.4	NO
7	7 13C6-PFDA	1802094-14 EB01-072618 0.11489	3.76e4	74.2	NO
8	8 13C7-PFUDa	1802094-14 EB01-072618 0.11489	4.43e4	79.8	NO

Name: 180825M1_48, Date: 25-Aug-2018, Time: 21:50:47, ID: 1802094-15 FRB01-072618 0.11916, Description: FRB01-072618

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-15 FRB01-072618 0.11916	1.50e4	59.3	NO
2	2 13C5-PFHxA	1802094-15 FRB01-072618 0.11916	3.09e4	57.0	NO
3	3 13C3-PFHxS	1802094-15 FRB01-072618 0.11916	4.57e3	74.1	NO
4	4 13C8-PFOA	1802094-15 FRB01-072618 0.11916	3.47e4	60.2	NO
5	5 13C9-PFNA	1802094-15 FRB01-072618 0.11916	3.08e4	62.5	NO
6	6 13C4-PFOS	1802094-15 FRB01-072618 0.11916	5.36e3	78.8	NO
7	7 13C6-PFDA	1802094-15 FRB01-072618 0.11916	3.24e4	63.9	NO
8	8 13C7-PFUDa	1802094-15 FRB01-072618 0.11916	3.77e4	67.9	NO

Name: 180825M1_49, Date: 25-Aug-2018, Time: 22:01:21, ID: 1802094-16 GW01-072618 0.25129, Description: GW01-072618

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-16 GW01-072618 0.25129	1.63e4	64.6	NO
2	2 13C5-PFHxA	1802094-16 GW01-072618 0.25129	3.24e4	59.9	NO
3	3 13C3-PFHxS	1802094-16 GW01-072618 0.25129	4.20e3	68.1	NO
4	4 13C8-PFOA	1802094-16 GW01-072618 0.25129	3.68e4	64.0	NO
5	5 13C9-PFNA	1802094-16 GW01-072618 0.25129	3.24e4	65.8	NO
6	6 13C4-PFOS	1802094-16 GW01-072618 0.25129	5.03e3	74.0	NO
7	7 13C6-PFDA	1802094-16 GW01-072618 0.25129	3.35e4	66.2	NO
8	8 13C7-PFUDa	1802094-16 GW01-072618 0.25129	2.99e4	53.8	NO

Name: 180825M1_50, Date: 25-Aug-2018, Time: 22:11:59, ID: 1802094-17 SA-DUP-01-20180726 0.2609, Description: SA-DUP-01-20180726

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-17 SA-DUP-01-20180726 0.2...	1.41e4	55.7	NO
2	2 13C5-PFHxA	1802094-17 SA-DUP-01-20180726 0.2...	2.91e4	53.7	NO
3	3 13C3-PFHxS	1802094-17 SA-DUP-01-20180726 0.2...	4.23e3	68.6	NO
4	4 13C8-PFOA	1802094-17 SA-DUP-01-20180726 0.2...	3.26e4	56.7	NO
5	5 13C9-PFNA	1802094-17 SA-DUP-01-20180726 0.2...	2.71e4	55.0	NO
6	6 13C4-PFOS	1802094-17 SA-DUP-01-20180726 0.2...	4.38e3	64.4	NO
7	7 13C6-PFDA	1802094-17 SA-DUP-01-20180726 0.2...	3.04e4	60.0	NO
8	8 13C7-PFUDa	1802094-17 SA-DUP-01-20180726 0.2...	3.25e4	58.5	NO

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Name: 180825M1_51, Date: 25-Aug-2018, Time: 22:22:37, ID: 1802094-18 EB02-072718 0.11695, Description: EB02-072718

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-18 EB02-072718 0.11695	1.65e4	65.5	NO
2	2 13C5-PFHxA	1802094-18 EB02-072718 0.11695	3.32e4	61.3	NO
3	3 13C3-PFHxS	1802094-18 EB02-072718 0.11695	4.56e3	73.9	NO
4	4 13C8-PFOA	1802094-18 EB02-072718 0.11695	3.46e4	60.2	NO
5	5 13C9-PFNA	1802094-18 EB02-072718 0.11695	3.20e4	65.0	NO
6	6 13C4-PFOS	1802094-18 EB02-072718 0.11695	5.02e3	73.8	NO
7	7 13C6-PFDA	1802094-18 EB02-072718 0.11695	3.32e4	65.6	NO
8	8 13C7-PFUDa	1802094-18 EB02-072718 0.11695	3.66e4	65.9	NO

Name: 180825M1_52, Date: 25-Aug-2018, Time: 22:33:11, ID: 1802094-19 FRB02-072718 0.11299, Description: FRB02-072718

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-19 FRB02-072718 0.11299	4.67e4	184.9	YES
2	2 13C5-PFHxA	1802094-19 FRB02-072718 0.11299	9.87e4	182.2	YES
3	3 13C3-PFHxS	1802094-19 FRB02-072718 0.11299	1.33e4	215.1	YES
4	4 13C8-PFOA	1802094-19 FRB02-072718 0.11299	1.00e5	174.6	YES
5	5 13C9-PFNA	1802094-19 FRB02-072718 0.11299	8.89e4	180.5	YES
6	6 13C4-PFOS	1802094-19 FRB02-072718 0.11299	1.47e4	216.4	YES
7	7 13C6-PFDA	1802094-19 FRB02-072718 0.11299	9.06e4	178.8	YES
8	8 13C7-PFUDa	1802094-19 FRB02-072718 0.11299	1.02e5	182.7	YES

Name: 180825M1_53, Date: 25-Aug-2018, Time: 22:43:49, ID: B8H0064-BS1 OPR 0.25, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0064-BS1 OPR 0.25	2.10e4	83.2	NO
2	2 13C5-PFHxA	B8H0064-BS1 OPR 0.25	4.29e4	79.2	NO
3	3 13C3-PFHxS	B8H0064-BS1 OPR 0.25	6.22e3	100.8	NO
4	4 13C8-PFOA	B8H0064-BS1 OPR 0.25	4.91e4	85.4	NO
5	5 13C9-PFNA	B8H0064-BS1 OPR 0.25	4.52e4	91.6	NO
6	6 13C4-PFOS	B8H0064-BS1 OPR 0.25	6.77e3	99.5	NO
7	7 13C6-PFDA	B8H0064-BS1 OPR 0.25	4.66e4	91.8	NO
8	8 13C7-PFUDa	B8H0064-BS1 OPR 0.25	5.03e4	90.5	NO

Name: 180825M1_54, Date: 25-Aug-2018, Time: 22:54:22, ID: B8H0064-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0064-BLK1 Method Blank 0.25	2.30e4	90.9	NO
2	2 13C5-PFHxA	B8H0064-BLK1 Method Blank 0.25	4.62e4	85.3	NO
3	3 13C3-PFHxS	B8H0064-BLK1 Method Blank 0.25	6.64e3	107.6	NO
4	4 13C8-PFOA	B8H0064-BLK1 Method Blank 0.25	5.43e4	94.4	NO
5	5 13C9-PFNA	B8H0064-BLK1 Method Blank 0.25	4.61e4	93.5	NO
6	6 13C4-PFOS	B8H0064-BLK1 Method Blank 0.25	7.30e3	107.3	NO
7	7 13C6-PFDA	B8H0064-BLK1 Method Blank 0.25	5.01e4	98.8	NO
8	8 13C7-PFUDa	B8H0064-BLK1 Method Blank 0.25	5.39e4	97.0	NO

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Name: 180825M1_55, Date: 25-Aug-2018, Time: 23:05:01, ID: B8H0064-MS1 Matrix Spike 0.25286, Description: Matrix Spike

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0064-MS1 Matrix Spike 0.25286	2.64e4	104.5	NO
2	2 13C5-PFHxA	B8H0064-MS1 Matrix Spike 0.25286	4.92e4	90.8	NO
3	3 13C3-PFHxS	B8H0064-MS1 Matrix Spike 0.25286	6.69e3	108.5	NO
4	4 13C8-PFOA	B8H0064-MS1 Matrix Spike 0.25286	5.61e4	97.5	NO
5	5 13C9-PFNA	B8H0064-MS1 Matrix Spike 0.25286	5.05e4	102.5	NO
6	6 13C4-PFOS	B8H0064-MS1 Matrix Spike 0.25286	7.56e3	111.2	NO
7	7 13C6-PFDA	B8H0064-MS1 Matrix Spike 0.25286	5.14e4	101.4	NO
8	8 13C7-PFUDa	B8H0064-MS1 Matrix Spike 0.25286	5.65e4	101.8	NO

Name: 180825M1_56, Date: 25-Aug-2018, Time: 23:15:33, ID: B8H0064-MSD1 Matrix Spike Dup 0.24917, Description: Matrix Spike Dup

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0064-MSD1 Matrix Spike Dup 0.249...	2.33e4	92.2	NO
2	2 13C5-PFHxA	B8H0064-MSD1 Matrix Spike Dup 0.249...	4.50e4	83.0	NO
3	3 13C3-PFHxS	B8H0064-MSD1 Matrix Spike Dup 0.249...	6.30e3	102.2	NO
4	4 13C8-PFOA	B8H0064-MSD1 Matrix Spike Dup 0.249...	4.84e4	84.2	NO
5	5 13C9-PFNA	B8H0064-MSD1 Matrix Spike Dup 0.249...	4.41e4	89.6	NO
6	6 13C4-PFOS	B8H0064-MSD1 Matrix Spike Dup 0.249...	7.09e3	104.3	NO
7	7 13C6-PFDA	B8H0064-MSD1 Matrix Spike Dup 0.249...	4.81e4	94.9	NO
8	8 13C7-PFUDa	B8H0064-MSD1 Matrix Spike Dup 0.249...	5.32e4	95.8	NO

Name: 180825M1_57, Date: 25-Aug-2018, Time: 23:26:12, ID: 1802154-01RE1 WE13-GW-TANK1-IDW-072918 0.24851, Description: WE13-GW-TANK1-IDW-072918

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802154-01RE1 WE13-GW-TANK1-ID...	2.85e4	113.0	NO
2	2 13C5-PFHxA	1802154-01RE1 WE13-GW-TANK1-ID...	5.55e4	102.6	NO
3	3 13C3-PFHxS	1802154-01RE1 WE13-GW-TANK1-ID...	6.88e3	111.5	NO
4	4 13C8-PFOA	1802154-01RE1 WE13-GW-TANK1-ID...	6.04e4	105.0	NO
5	5 13C9-PFNA	1802154-01RE1 WE13-GW-TANK1-ID...	5.37e4	108.9	NO
6	6 13C4-PFOS	1802154-01RE1 WE13-GW-TANK1-ID...	8.29e3	121.8	NO
7	7 13C6-PFDA	1802154-01RE1 WE13-GW-TANK1-ID...	5.68e4	112.1	NO
8	8 13C7-PFUDa	1802154-01RE1 WE13-GW-TANK1-ID...	6.03e4	108.6	NO

Name: 180825M1_58, Date: 25-Aug-2018, Time: 23:36:50, ID: 1802154-02RE1 WE13-GW-TANK2-IDW-072918 0.24806, Description: WE13-GW-TANK2-IDW-072918

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802154-02RE1 WE13-GW-TANK2-ID...	3.21e4	127.2	NO
2	2 13C5-PFHxA	1802154-02RE1 WE13-GW-TANK2-ID...	6.15e4	113.6	NO
3	3 13C3-PFHxS	1802154-02RE1 WE13-GW-TANK2-ID...	8.27e3	134.2	NO
4	4 13C8-PFOA	1802154-02RE1 WE13-GW-TANK2-ID...	6.79e4	118.0	NO
5	5 13C9-PFNA	1802154-02RE1 WE13-GW-TANK2-ID...	6.23e4	126.4	NO
6	6 13C4-PFOS	1802154-02RE1 WE13-GW-TANK2-ID...	8.93e3	131.3	NO
7	7 13C6-PFDA	1802154-02RE1 WE13-GW-TANK2-ID...	6.14e4	121.1	NO
8	8 13C7-PFUDa	1802154-02RE1 WE13-GW-TANK2-ID...	6.59e4	118.6	NO

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Name: 180825M1_59, Date: 25-Aug-2018, Time: 23:47:23, ID: 1802154-03RE1 EB03-WE13-GW-IDW-072918 0.2552, Description: EB03-WE13-GW-IDW-072918

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802154-03RE1 EB03-WE13-GW-IDW-...	2.87e4	113.8	NO
2	2 13C5-PFHxA	1802154-03RE1 EB03-WE13-GW-IDW-...	5.50e4	101.5	NO
3	3 13C3-PFHxS	1802154-03RE1 EB03-WE13-GW-IDW-...	7.98e3	129.4	NO
4	4 13C8-PFOA	1802154-03RE1 EB03-WE13-GW-IDW-...	5.69e4	98.9	NO
5	5 13C9-PFNA	1802154-03RE1 EB03-WE13-GW-IDW-...	5.27e4	106.9	NO
6	6 13C4-PFOS	1802154-03RE1 EB03-WE13-GW-IDW-...	8.77e3	128.9	NO
7	7 13C6-PFDA	1802154-03RE1 EB03-WE13-GW-IDW-...	5.53e4	109.1	NO
8	8 13C7-PFUDa	1802154-03RE1 EB03-WE13-GW-IDW-...	6.02e4	108.3	NO

Name: 180825M1_60, Date: 25-Aug-2018, Time: 23:58:01, ID: 1802155-01RE1 FRB03-WE13-GW-IDW-072918 0.25067, Description: FRB03-WE13-GW-IDW-072918

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802155-01RE1 FRB03-WE13-GW-ID...	2.49e4	98.8	NO
2	2 13C5-PFHxA	1802155-01RE1 FRB03-WE13-GW-ID...	4.86e4	89.8	NO
3	3 13C3-PFHxS	1802155-01RE1 FRB03-WE13-GW-ID...	7.35e3	119.1	NO
4	4 13C8-PFOA	1802155-01RE1 FRB03-WE13-GW-ID...	5.67e4	98.6	NO
5	5 13C9-PFNA	1802155-01RE1 FRB03-WE13-GW-ID...	5.24e4	106.3	NO
6	6 13C4-PFOS	1802155-01RE1 FRB03-WE13-GW-ID...	7.71e3	113.3	NO
7	7 13C6-PFDA	1802155-01RE1 FRB03-WE13-GW-ID...	5.18e4	102.2	NO
8	8 13C7-PFUDa	1802155-01RE1 FRB03-WE13-GW-ID...	5.80e4	104.4	NO

Name: 180825M1_61, Date: 26-Aug-2018, Time: 00:08:34, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	5.87e0	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA	1.01e1	0.0	YES
5	5 13C9-PFNA	IPA	9.89e0	0.0	YES
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 180825M1_62, Date: 26-Aug-2018, Time: 00:19:12, ID: ST180825M1-13 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-13 PFC CS3 18H2107	2.84e4	112.7	NO
2	2 13C5-PFHxA	ST180825M1-13 PFC CS3 18H2107	6.39e4	118.0	NO
3	3 13C3-PFHxS	ST180825M1-13 PFC CS3 18H2107	7.28e3	118.0	NO
4	4 13C8-PFOA	ST180825M1-13 PFC CS3 18H2107	6.82e4	118.5	NO
5	5 13C9-PFNA	ST180825M1-13 PFC CS3 18H2107	5.95e4	120.8	NO
6	6 13C4-PFOS	ST180825M1-13 PFC CS3 18H2107	8.20e3	120.6	NO
7	7 13C6-PFDA	ST180825M1-13 PFC CS3 18H2107	5.89e4	116.2	NO
8	8 13C7-PFUDa	ST180825M1-13 PFC CS3 18H2107	6.50e4	117.0	NO

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Name: 180825M1_63, Date: 26-Aug-2018, Time: 00:29:46, ID: ST180825M1-14 PFC CS0 18H2104, Description: PFC CS0 18H2104

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-14 PFC CS0 18H2104	2.42e4	95.7	NO
2	2 13C5-PFHxA	ST180825M1-14 PFC CS0 18H2104	5.93e4	109.6	NO
3	3 13C3-PFHxS	ST180825M1-14 PFC CS0 18H2104	6.95e3	112.7	NO
4	4 13C8-PFOA	ST180825M1-14 PFC CS0 18H2104	6.30e4	109.5	NO
5	5 13C9-PFNA	ST180825M1-14 PFC CS0 18H2104	5.50e4	111.7	NO
6	6 13C4-PFOS	ST180825M1-14 PFC CS0 18H2104	7.42e3	109.0	NO
7	7 13C6-PFDA	ST180825M1-14 PFC CS0 18H2104	5.54e4	109.3	NO
8	8 13C7-PFUDa	ST180825M1-14 PFC CS0 18H2104	6.22e4	112.0	NO

Name: 180825M1_64, Date: 26-Aug-2018, Time: 00:40:24, ID: 1802168-01RE1 SW-DP02-20180730 0.11765, Description: SW-DP02-20180730

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-01RE1 SW-DP02-20180730 0...	2.76e4	109.5	NO
2	2 13C5-PFHxA	1802168-01RE1 SW-DP02-20180730 0...	5.39e4	99.5	NO
3	3 13C3-PFHxS	1802168-01RE1 SW-DP02-20180730 0...	8.28e3	134.3	NO
4	4 13C8-PFOA	1802168-01RE1 SW-DP02-20180730 0...	6.02e4	104.7	NO
5	5 13C9-PFNA	1802168-01RE1 SW-DP02-20180730 0...	5.82e4	118.2	NO
6	6 13C4-PFOS	1802168-01RE1 SW-DP02-20180730 0...	9.17e3	134.9	NO
7	7 13C6-PFDA	1802168-01RE1 SW-DP02-20180730 0...	6.12e4	120.7	NO
8	8 13C7-PFUDa	1802168-01RE1 SW-DP02-20180730 0...	6.35e4	114.2	NO

Name: 180825M1_65, Date: 26-Aug-2018, Time: 00:50:56, ID: 1802168-02RE1 SW-DP01-20180730 0.11655, Description: SW-DP01-20180730

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-02RE1 SW-DP01-20180730 0...	2.37e4	93.8	NO
2	2 13C5-PFHxA	1802168-02RE1 SW-DP01-20180730 0...	4.67e4	86.3	NO
3	3 13C3-PFHxS	1802168-02RE1 SW-DP01-20180730 0...	6.73e3	109.2	NO
4	4 13C8-PFOA	1802168-02RE1 SW-DP01-20180730 0...	5.49e4	95.4	NO
5	5 13C9-PFNA	1802168-02RE1 SW-DP01-20180730 0...	4.63e4	93.9	NO
6	6 13C4-PFOS	1802168-02RE1 SW-DP01-20180730 0...	7.66e3	112.7	NO
7	7 13C6-PFDA	1802168-02RE1 SW-DP01-20180730 0...	4.91e4	96.8	NO
8	8 13C7-PFUDa	1802168-02RE1 SW-DP01-20180730 0...	5.33e4	95.9	NO

Name: 180825M1_66, Date: 26-Aug-2018, Time: 01:01:35, ID: 1802168-03RE1 FRB04-073018 0.11884, Description: FRB04-073018

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-03RE1 FRB04-073018 0.11884	2.47e4	97.7	NO
2	2 13C5-PFHxA	1802168-03RE1 FRB04-073018 0.11884	4.84e4	89.4	NO
3	3 13C3-PFHxS	1802168-03RE1 FRB04-073018 0.11884	6.75e3	109.4	NO
4	4 13C8-PFOA	1802168-03RE1 FRB04-073018 0.11884	5.36e4	93.2	NO
5	5 13C9-PFNA	1802168-03RE1 FRB04-073018 0.11884	5.03e4	102.0	NO
6	6 13C4-PFOS	1802168-03RE1 FRB04-073018 0.11884	7.40e3	108.7	NO
7	7 13C6-PFDA	1802168-03RE1 FRB04-073018 0.11884	5.00e4	98.7	NO
8	8 13C7-PFUDa	1802168-03RE1 FRB04-073018 0.11884	5.56e4	100.0	NO

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Name: 180825M1_67, Date: 26-Aug-2018, Time: 01:12:13, ID: 1802168-04RE1 EB-073018 0.12041, Description: EB-073018

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-04RE1 EB-073018 0.12041	2.22e4	88.0	NO
2	2 13C5-PFHxA	1802168-04RE1 EB-073018 0.12041	4.40e4	81.2	NO
3	3 13C3-PFHxS	1802168-04RE1 EB-073018 0.12041	6.67e3	108.2	NO
4	4 13C8-PFOA	1802168-04RE1 EB-073018 0.12041	4.95e4	86.1	NO
5	5 13C9-PFNA	1802168-04RE1 EB-073018 0.12041	4.48e4	91.0	NO
6	6 13C4-PFOS	1802168-04RE1 EB-073018 0.12041	7.19e3	105.8	NO
7	7 13C6-PFDA	1802168-04RE1 EB-073018 0.12041	4.66e4	91.9	NO
8	8 13C7-PFUDa	1802168-04RE1 EB-073018 0.12041	5.16e4	92.8	NO

Name: 180825M1_68, Date: 26-Aug-2018, Time: 01:22:46, ID: 1802168-05RE1 GW01-20180730 0.25683, Description: GW01-20180730

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-05RE1 GW01-20180730 0.25...	1.98e4	78.6	NO
2	2 13C5-PFHxA	1802168-05RE1 GW01-20180730 0.25...	3.80e4	70.2	NO
3	3 13C3-PFHxS	1802168-05RE1 GW01-20180730 0.25...	6.00e3	97.4	NO
4	4 13C8-PFOA	1802168-05RE1 GW01-20180730 0.25...	4.38e4	76.1	NO
5	5 13C9-PFNA	1802168-05RE1 GW01-20180730 0.25...	3.71e4	75.3	NO
6	6 13C4-PFOS	1802168-05RE1 GW01-20180730 0.25...	6.52e3	95.9	NO
7	7 13C6-PFDA	1802168-05RE1 GW01-20180730 0.25...	4.18e4	82.4	NO
8	8 13C7-PFUDa	1802168-05RE1 GW01-20180730 0.25...	4.79e4	86.2	NO

Name: 180825M1_69, Date: 26-Aug-2018, Time: 01:33:24, ID: 1802168-06RE1 FT-PZ458I-20180730 0.25383, Description: FT-PZ458I-20180730

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-06RE1 FT-PZ458I-20180730 ...	2.05e4	81.1	NO
2	2 13C5-PFHxA	1802168-06RE1 FT-PZ458I-20180730 ...	3.87e4	71.5	NO
3	3 13C3-PFHxS	1802168-06RE1 FT-PZ458I-20180730 ...	5.86e3	95.0	NO
4	4 13C8-PFOA	1802168-06RE1 FT-PZ458I-20180730 ...	4.46e4	77.6	NO
5	5 13C9-PFNA	1802168-06RE1 FT-PZ458I-20180730 ...	3.66e4	74.4	NO
6	6 13C4-PFOS	1802168-06RE1 FT-PZ458I-20180730 ...	6.10e3	89.7	NO
7	7 13C6-PFDA	1802168-06RE1 FT-PZ458I-20180730 ...	4.25e4	83.8	NO
8	8 13C7-PFUDa	1802168-06RE1 FT-PZ458I-20180730 ...	4.84e4	87.1	NO

Name: 180825M1_70, Date: 26-Aug-2018, Time: 01:43:56, ID: 1802168-07RE1 FT-PZ460I-20180730 0.25076, Description: FT-PZ460I-20180730

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-07RE1 FT-PZ460I-20180730 ...	2.83e4	112.1	NO
2	2 13C5-PFHxA	1802168-07RE1 FT-PZ460I-20180730 ...	5.47e4	101.0	NO
3	3 13C3-PFHxS	1802168-07RE1 FT-PZ460I-20180730 ...	7.65e3	124.1	NO
4	4 13C8-PFOA	1802168-07RE1 FT-PZ460I-20180730 ...	6.07e4	105.5	NO
5	5 13C9-PFNA	1802168-07RE1 FT-PZ460I-20180730 ...	5.41e4	109.8	NO
6	6 13C4-PFOS	1802168-07RE1 FT-PZ460I-20180730 ...	8.48e3	124.7	NO
7	7 13C6-PFDA	1802168-07RE1 FT-PZ460I-20180730 ...	5.74e4	113.3	NO
8	8 13C7-PFUDa	1802168-07RE1 FT-PZ460I-20180730 ...	6.14e4	110.5	NO

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Name: 180825M1_71, Date: 26-Aug-2018, Time: 01:54:35, ID: 1802168-08RE1 FT-PZ461I-20180730 0.25268, Description: FT-PZ461I-20180730

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-08RE1 FT-PZ461I-20180730 ...	2.13e4	84.2	NO
2	2 13C5-PFHxA	1802168-08RE1 FT-PZ461I-20180730 ...	4.15e4	76.6	NO
3	3 13C3-PFHxS	1802168-08RE1 FT-PZ461I-20180730 ...	6.32e3	102.5	NO
4	4 13C8-PFOA	1802168-08RE1 FT-PZ461I-20180730 ...	4.83e4	84.0	NO
5	5 13C9-PFNA	1802168-08RE1 FT-PZ461I-20180730 ...	3.25e4	65.9	NO
6	6 13C4-PFOS	1802168-08RE1 FT-PZ461I-20180730 ...	6.91e3	101.6	NO
7	7 13C6-PFDA	1802168-08RE1 FT-PZ461I-20180730 ...	4.73e4	93.3	NO
8	8 13C7-PFUDa	1802168-08RE1 FT-PZ461I-20180730 ...	5.22e4	93.9	NO

Name: 180825M1_72, Date: 26-Aug-2018, Time: 02:05:13, ID: 1802168-09RE1 FT-PZ463I-20180730 0.1138, Description: FT-PZ463I-20180730

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-09RE1 FT-PZ463I-20180730 ...	2.87e4	113.7	NO
2	2 13C5-PFHxA	1802168-09RE1 FT-PZ463I-20180730 ...	5.56e4	102.7	NO
3	3 13C3-PFHxS	1802168-09RE1 FT-PZ463I-20180730 ...	7.76e3	125.8	NO
4	4 13C8-PFOA	1802168-09RE1 FT-PZ463I-20180730 ...	6.50e4	112.9	NO
5	5 13C9-PFNA	1802168-09RE1 FT-PZ463I-20180730 ...	5.77e4	117.1	NO
6	6 13C4-PFOS	1802168-09RE1 FT-PZ463I-20180730 ...	9.10e3	133.8	NO
7	7 13C6-PFDA	1802168-09RE1 FT-PZ463I-20180730 ...	6.10e4	120.3	NO
8	8 13C7-PFUDa	1802168-09RE1 FT-PZ463I-20180730 ...	6.53e4	117.5	NO

Name: 180825M1_73, Date: 26-Aug-2018, Time: 02:15:45, ID: 1802168-10RE1 FT-PZ464I-20180730 0.25347, Description: FT-PZ464I-20180730

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-10RE1 FT-PZ464I-20180730 ...	2.58e4	102.2	NO
2	2 13C5-PFHxA	1802168-10RE1 FT-PZ464I-20180730 ...	4.97e4	91.7	NO
3	3 13C3-PFHxS	1802168-10RE1 FT-PZ464I-20180730 ...	7.36e3	119.3	NO
4	4 13C8-PFOA	1802168-10RE1 FT-PZ464I-20180730 ...	5.70e4	99.0	NO
5	5 13C9-PFNA	1802168-10RE1 FT-PZ464I-20180730 ...	5.40e4	109.6	NO
6	6 13C4-PFOS	1802168-10RE1 FT-PZ464I-20180730 ...	7.98e3	117.3	NO
7	7 13C6-PFDA	1802168-10RE1 FT-PZ464I-20180730 ...	5.68e4	112.0	NO
8	8 13C7-PFUDa	1802168-10RE1 FT-PZ464I-20180730 ...	6.11e4	110.0	NO

Name: 180825M1_74, Date: 26-Aug-2018, Time: 02:26:24, ID: 1802168-11RE1 FT-PZ464S-20180730 0.25671, Description: FT-PZ464S-20180730

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-11RE1 FT-PZ464S-20180730 ...	2.52e4	99.8	NO
2	2 13C5-PFHxA	1802168-11RE1 FT-PZ464S-20180730 ...	4.79e4	88.5	NO
3	3 13C3-PFHxS	1802168-11RE1 FT-PZ464S-20180730 ...	6.53e3	105.9	NO
4	4 13C8-PFOA	1802168-11RE1 FT-PZ464S-20180730 ...	5.49e4	95.4	NO
5	5 13C9-PFNA	1802168-11RE1 FT-PZ464S-20180730 ...	4.84e4	98.2	NO
6	6 13C4-PFOS	1802168-11RE1 FT-PZ464S-20180730 ...	7.27e3	106.8	NO
7	7 13C6-PFDA	1802168-11RE1 FT-PZ464S-20180730 ...	4.87e4	96.2	NO
8	8 13C7-PFUDa	1802168-11RE1 FT-PZ464S-20180730 ...	5.49e4	98.9	NO

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Name: 180825M1_75, Date: 26-Aug-2018, Time: 02:36:56, ID: 1802168-12RE1 FRB05-073118 0.11967, Description: FRB05-073118

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-12RE1 FRB05-073118 0.11967	2.34e4	92.5	NO
2	2 13C5-PFHxA	1802168-12RE1 FRB05-073118 0.11967	4.60e4	85.0	NO
3	3 13C3-PFHxS	1802168-12RE1 FRB05-073118 0.11967	6.24e3	101.2	NO
4	4 13C8-PFOA	1802168-12RE1 FRB05-073118 0.11967	5.09e4	88.6	NO
5	5 13C9-PFNA	1802168-12RE1 FRB05-073118 0.11967	4.55e4	92.3	NO
6	6 13C4-PFOS	1802168-12RE1 FRB05-073118 0.11967	6.87e3	101.0	NO
7	7 13C6-PFDA	1802168-12RE1 FRB05-073118 0.11967	4.74e4	93.5	NO
8	8 13C7-PFUDa	1802168-12RE1 FRB05-073118 0.11967	4.96e4	89.3	NO

Name: 180825M1_76, Date: 26-Aug-2018, Time: 02:47:34, ID: 1802168-13RE1 EB05-073118 0.11727, Description: EB05-073118

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-13RE1 EB05-073118 0.11727	2.70e4	107.1	NO
2	2 13C5-PFHxA	1802168-13RE1 EB05-073118 0.11727	5.14e4	94.8	NO
3	3 13C3-PFHxS	1802168-13RE1 EB05-073118 0.11727	7.30e3	118.3	NO
4	4 13C8-PFOA	1802168-13RE1 EB05-073118 0.11727	5.81e4	101.1	NO
5	5 13C9-PFNA	1802168-13RE1 EB05-073118 0.11727	5.38e4	109.2	NO
6	6 13C4-PFOS	1802168-13RE1 EB05-073118 0.11727	7.97e3	117.2	NO
7	7 13C6-PFDA	1802168-13RE1 EB05-073118 0.11727	5.63e4	111.1	NO
8	8 13C7-PFUDa	1802168-13RE1 EB05-073118 0.11727	6.20e4	111.7	NO

Name: 180825M1_77, Date: 26-Aug-2018, Time: 02:58:07, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA	5.85e0	0.0	YES

Name: 180825M1_78, Date: 26-Aug-2018, Time: 03:08:45, ID: ST180825M1-15 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-15 PFC CS3 18H2107	3.24e4	128.2	NO
2	2 13C5-PFHxA	ST180825M1-15 PFC CS3 18H2107	6.65e4	122.8	NO
3	3 13C3-PFHxS	ST180825M1-15 PFC CS3 18H2107	7.98e3	129.4	NO
4	4 13C8-PFOA	ST180825M1-15 PFC CS3 18H2107	7.13e4	123.9	NO
5	5 13C9-PFNA	ST180825M1-15 PFC CS3 18H2107	6.11e4	124.1	NO
6	6 13C4-PFOS	ST180825M1-15 PFC CS3 18H2107	8.86e3	130.2	NO
7	7 13C6-PFDA	ST180825M1-15 PFC CS3 18H2107	6.47e4	127.7	NO
8	8 13C7-PFUDa	ST180825M1-15 PFC CS3 18H2107	6.82e4	122.7	NO

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Name: 180825M1_79, Date: 26-Aug-2018, Time: 03:19:17, ID: 1802168-14RE1 FT-GA10-20180731 0.11919, Description: FT-GA10-20180731

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-14RE1 FT-GA10-20180731 0....	2.39e4	94.8	NO
2	2 13C5-PFHxA	1802168-14RE1 FT-GA10-20180731 0....	4.55e4	83.9	NO
3	3 13C3-PFHxS	1802168-14RE1 FT-GA10-20180731 0....	7.41e3	120.1	NO
4	4 13C8-PFOA	1802168-14RE1 FT-GA10-20180731 0....	5.11e4	88.8	NO
5	5 13C9-PFNA	1802168-14RE1 FT-GA10-20180731 0....	4.59e4	93.3	NO
6	6 13C4-PFOS	1802168-14RE1 FT-GA10-20180731 0....	7.90e3	116.1	NO
7	7 13C6-PFDA	1802168-14RE1 FT-GA10-20180731 0....	4.65e4	91.7	NO
8	8 13C7-PFUDa	1802168-14RE1 FT-GA10-20180731 0....	5.41e4	97.4	NO

Name: 180825M1_80, Date: 26-Aug-2018, Time: 03:29:56, ID: 1802168-15RE1 FT-GA12-20180731 0.11901, Description: FT-GA12-20180731

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-15RE1 FT-GA12-20180731 0....	1.63e4	64.6	NO
2	2 13C5-PFHxA	1802168-15RE1 FT-GA12-20180731 0....	3.51e4	64.9	NO
3	3 13C3-PFHxS	1802168-15RE1 FT-GA12-20180731 0....	5.68e3	92.0	NO
4	4 13C8-PFOA	1802168-15RE1 FT-GA12-20180731 0....	4.13e4	71.8	NO
5	5 13C9-PFNA	1802168-15RE1 FT-GA12-20180731 0....	4.21e4	85.4	NO
6	6 13C4-PFOS	1802168-15RE1 FT-GA12-20180731 0....	6.36e3	93.4	NO
7	7 13C6-PFDA	1802168-15RE1 FT-GA12-20180731 0....	4.36e4	86.0	NO
8	8 13C7-PFUDa	1802168-15RE1 FT-GA12-20180731 0....	4.68e4	84.2	NO

Name: 180825M1_81, Date: 26-Aug-2018, Time: 03:40:28, ID: 1802168-16RE1 FT-GA13-20180731 0.11775, Description: FT-GA13-20180731

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802168-16RE1 FT-GA13-20180731 0....	1.86e4	73.9	NO
2	2 13C5-PFHxA	1802168-16RE1 FT-GA13-20180731 0....	3.97e4	73.2	NO
3	3 13C3-PFHxS	1802168-16RE1 FT-GA13-20180731 0....	6.57e3	106.5	NO
4	4 13C8-PFOA	1802168-16RE1 FT-GA13-20180731 0....	4.86e4	84.5	NO
5	5 13C9-PFNA	1802168-16RE1 FT-GA13-20180731 0....	4.72e4	95.8	NO
6	6 13C4-PFOS	1802168-16RE1 FT-GA13-20180731 0....	6.90e3	101.5	NO
7	7 13C6-PFDA	1802168-16RE1 FT-GA13-20180731 0....	4.82e4	95.1	NO
8	8 13C7-PFUDa	1802168-16RE1 FT-GA13-20180731 0....	5.25e4	94.5	NO

Name: 180825M1_82, Date: 26-Aug-2018, Time: 03:51:07, ID: B8H0083-BS1 OPR 0.125, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0083-BS1 OPR 0.125	2.47e4	98.0	NO
2	2 13C5-PFHxA	B8H0083-BS1 OPR 0.125	5.09e4	94.0	NO
3	3 13C3-PFHxS	B8H0083-BS1 OPR 0.125	6.95e3	112.8	NO
4	4 13C8-PFOA	B8H0083-BS1 OPR 0.125	5.84e4	101.4	NO
5	5 13C9-PFNA	B8H0083-BS1 OPR 0.125	4.92e4	100.0	NO
6	6 13C4-PFOS	B8H0083-BS1 OPR 0.125	7.59e3	111.5	NO
7	7 13C6-PFDA	B8H0083-BS1 OPR 0.125	4.96e4	97.8	NO
8	8 13C7-PFUDa	B8H0083-BS1 OPR 0.125	5.81e4	104.6	NO

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Name: 180825M1_83, Date: 26-Aug-2018, Time: 04:01:40, ID: B8H0083-BLK1 Method Blank 0.125, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0083-BLK1 Method Blank 0.125	2.36e4	93.6	NO
2	2 13C5-PFHxA	B8H0083-BLK1 Method Blank 0.125	5.14e4	95.0	NO
3	3 13C3-PFHxS	B8H0083-BLK1 Method Blank 0.125	7.02e3	113.9	NO
4	4 13C8-PFOA	B8H0083-BLK1 Method Blank 0.125	6.20e4	107.9	NO
5	5 13C9-PFNA	B8H0083-BLK1 Method Blank 0.125	5.73e4	116.2	NO
6	6 13C4-PFOS	B8H0083-BLK1 Method Blank 0.125	7.99e3	117.5	NO
7	7 13C6-PFDA	B8H0083-BLK1 Method Blank 0.125	5.85e4	115.5	NO
8	8 13C7-PFUDa	B8H0083-BLK1 Method Blank 0.125	6.47e4	116.5	NO

Name: 180825M1_84, Date: 26-Aug-2018, Time: 04:12:18, ID: B8H0083-MS1 Matrix Spike 0.11621, Description: Matrix Spike

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0083-MS1 Matrix Spike 0.11621	2.35e4	93.3	NO
2	2 13C5-PFHxA	B8H0083-MS1 Matrix Spike 0.11621	4.83e4	89.1	NO
3	3 13C3-PFHxS	B8H0083-MS1 Matrix Spike 0.11621	6.38e3	103.4	NO
4	4 13C8-PFOA	B8H0083-MS1 Matrix Spike 0.11621	5.38e4	93.5	NO
5	5 13C9-PFNA	B8H0083-MS1 Matrix Spike 0.11621	4.92e4	99.9	NO
6	6 13C4-PFOS	B8H0083-MS1 Matrix Spike 0.11621	7.21e3	106.0	NO
7	7 13C6-PFDA	B8H0083-MS1 Matrix Spike 0.11621	4.99e4	98.5	NO
8	8 13C7-PFUDa	B8H0083-MS1 Matrix Spike 0.11621	5.73e4	103.1	NO

Name: 180825M1_85, Date: 26-Aug-2018, Time: 04:22:50, ID: B8H0083-MSD1 Matrix Spike Dup 0.11679, Description: Matrix Spike Dup

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0083-MSD1 Matrix Spike Dup 0.116...	2.27e4	90.0	NO
2	2 13C5-PFHxA	B8H0083-MSD1 Matrix Spike Dup 0.116...	4.58e4	84.6	NO
3	3 13C3-PFHxS	B8H0083-MSD1 Matrix Spike Dup 0.116...	6.65e3	107.8	NO
4	4 13C8-PFOA	B8H0083-MSD1 Matrix Spike Dup 0.116...	5.53e4	96.1	NO
5	5 13C9-PFNA	B8H0083-MSD1 Matrix Spike Dup 0.116...	5.11e4	103.7	NO
6	6 13C4-PFOS	B8H0083-MSD1 Matrix Spike Dup 0.116...	7.84e3	115.3	NO
7	7 13C6-PFDA	B8H0083-MSD1 Matrix Spike Dup 0.116...	5.18e4	102.2	NO
8	8 13C7-PFUDa	B8H0083-MSD1 Matrix Spike Dup 0.116...	5.93e4	106.8	NO

Name: 180825M1_86, Date: 26-Aug-2018, Time: 04:33:29, ID: 1802364-01 REEPDW1234 0.12045, Description: REEPDW1234

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802364-01 REEPDW1234 0.12045	2.17e4	86.1	NO
2	2 13C5-PFHxA	1802364-01 REEPDW1234 0.12045	4.40e4	81.2	NO
3	3 13C3-PFHxS	1802364-01 REEPDW1234 0.12045	6.81e3	110.4	NO
4	4 13C8-PFOA	1802364-01 REEPDW1234 0.12045	5.20e4	90.4	NO
5	5 13C9-PFNA	1802364-01 REEPDW1234 0.12045	4.57e4	92.8	NO
6	6 13C4-PFOS	1802364-01 REEPDW1234 0.12045	7.63e3	112.2	NO
7	7 13C6-PFDA	1802364-01 REEPDW1234 0.12045	4.77e4	94.1	NO
8	8 13C7-PFUDa	1802364-01 REEPDW1234 0.12045	5.60e4	100.8	NO

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Name: 180825M1_87, Date: 26-Aug-2018, Time: 04:44:02, ID: 1802364-02 REEPDW1235 0.11304, Description: REEPDW1235

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802364-02 REEPDW1235 0.11304	2.53e4	100.3	NO
2	2 13C5-PFHxA	1802364-02 REEPDW1235 0.11304	5.23e4	96.5	NO
3	3 13C3-PFHxS	1802364-02 REEPDW1235 0.11304	7.31e3	118.6	NO
4	4 13C8-PFOA	1802364-02 REEPDW1235 0.11304	5.59e4	97.2	NO
5	5 13C9-PFNA	1802364-02 REEPDW1235 0.11304	5.42e4	110.0	NO
6	6 13C4-PFOS	1802364-02 REEPDW1235 0.11304	8.01e3	117.7	NO
7	7 13C6-PFDA	1802364-02 REEPDW1235 0.11304	5.45e4	107.5	NO
8	8 13C7-PFUdA	1802364-02 REEPDW1235 0.11304	6.21e4	111.7	NO

Name: 180825M1_88, Date: 26-Aug-2018, Time: 04:54:40, ID: 1802364-03 REEPDW1236 0.11917, Description: REEPDW1236

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802364-03 REEPDW1236 0.11917	2.30e4	91.1	NO
2	2 13C5-PFHxA	1802364-03 REEPDW1236 0.11917	4.75e4	87.6	NO
3	3 13C3-PFHxS	1802364-03 REEPDW1236 0.11917	6.89e3	111.7	NO
4	4 13C8-PFOA	1802364-03 REEPDW1236 0.11917	5.49e4	95.5	NO
5	5 13C9-PFNA	1802364-03 REEPDW1236 0.11917	5.29e4	107.3	NO
6	6 13C4-PFOS	1802364-03 REEPDW1236 0.11917	8.13e3	119.5	NO
7	7 13C6-PFDA	1802364-03 REEPDW1236 0.11917	5.42e4	106.9	NO
8	8 13C7-PFUdA	1802364-03 REEPDW1236 0.11917	5.81e4	104.6	NO

Name: 180825M1_89, Date: 26-Aug-2018, Time: 05:05:13, ID: 1802364-04 REEPDW1237 0.11638, Description: REEPDW1237

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802364-04 REEPDW1237 0.11638	2.24e4	88.5	NO
2	2 13C5-PFHxA	1802364-04 REEPDW1237 0.11638	4.57e4	84.4	NO
3	3 13C3-PFHxS	1802364-04 REEPDW1237 0.11638	6.68e3	108.3	NO
4	4 13C8-PFOA	1802364-04 REEPDW1237 0.11638	5.36e4	93.1	NO
5	5 13C9-PFNA	1802364-04 REEPDW1237 0.11638	4.91e4	99.6	NO
6	6 13C4-PFOS	1802364-04 REEPDW1237 0.11638	7.23e3	106.3	NO
7	7 13C6-PFDA	1802364-04 REEPDW1237 0.11638	4.84e4	95.6	NO
8	8 13C7-PFUdA	1802364-04 REEPDW1237 0.11638	5.53e4	99.6	NO

Name: 180825M1_90, Date: 26-Aug-2018, Time: 05:15:52, ID: 1802364-05 REEPDW1238 0.1166, Description: REEPDW1238

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802364-05 REEPDW1238 0.1166	2.13e4	84.2	NO
2	2 13C5-PFHxA	1802364-05 REEPDW1238 0.1166	4.39e4	81.1	NO
3	3 13C3-PFHxS	1802364-05 REEPDW1238 0.1166	7.09e3	115.0	NO
4	4 13C8-PFOA	1802364-05 REEPDW1238 0.1166	4.91e4	85.4	NO
5	5 13C9-PFNA	1802364-05 REEPDW1238 0.1166	4.30e4	87.2	NO
6	6 13C4-PFOS	1802364-05 REEPDW1238 0.1166	8.19e3	120.4	NO
7	7 13C6-PFDA	1802364-05 REEPDW1238 0.1166	4.82e4	95.1	NO
8	8 13C7-PFUdA	1802364-05 REEPDW1238 0.1166	5.64e4	101.6	NO

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Name: 180825M1_91, Date: 26-Aug-2018, Time: 05:26:30, ID: 1802365-01 REEPDW1234FRB 0.11762,

Description: REEPDW1234FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802365-01 REEPDW1234FRB 0.11762	2.61e4	103.2	NO
2	2 13C5-PFHxA	1802365-01 REEPDW1234FRB 0.11762	5.40e4	99.8	NO
3	3 13C3-PFHxS	1802365-01 REEPDW1234FRB 0.11762	7.16e3	116.2	NO
4	4 13C8-PFOA	1802365-01 REEPDW1234FRB 0.11762	5.93e4	103.1	NO
5	5 13C9-PFNA	1802365-01 REEPDW1234FRB 0.11762	5.51e4	111.9	NO
6	6 13C4-PFOS	1802365-01 REEPDW1234FRB 0.11762	8.11e3	119.2	NO
7	7 13C6-PFDA	1802365-01 REEPDW1234FRB 0.11762	5.62e4	110.9	NO
8	8 13C7-PFUDa	1802365-01 REEPDW1234FRB 0.11762	6.23e4	112.1	NO

Name: 180825M1_92, Date: 26-Aug-2018, Time: 05:37:03, ID: 1802365-02 REEPDW1235FRB 0.12024,

Description: REEPDW1235FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802365-02 REEPDW1235FRB 0.12024	2.72e4	107.7	NO
2	2 13C5-PFHxA	1802365-02 REEPDW1235FRB 0.12024	5.55e4	102.5	NO
3	3 13C3-PFHxS	1802365-02 REEPDW1235FRB 0.12024	7.12e3	115.5	NO
4	4 13C8-PFOA	1802365-02 REEPDW1235FRB 0.12024	6.06e4	105.3	NO
5	5 13C9-PFNA	1802365-02 REEPDW1235FRB 0.12024	5.67e4	115.1	NO
6	6 13C4-PFOS	1802365-02 REEPDW1235FRB 0.12024	7.99e3	117.4	NO
7	7 13C6-PFDA	1802365-02 REEPDW1235FRB 0.12024	5.67e4	111.9	NO
8	8 13C7-PFUDa	1802365-02 REEPDW1235FRB 0.12024	6.34e4	114.1	NO

Name: 180825M1_93, Date: 26-Aug-2018, Time: 05:47:42, ID: 1802365-03 REEPDW1236FRB 0.12013,

Description: REEPDW1236FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802365-03 REEPDW1236FRB 0.12013	2.43e4	96.4	NO
2	2 13C5-PFHxA	1802365-03 REEPDW1236FRB 0.12013	4.99e4	92.2	NO
3	3 13C3-PFHxS	1802365-03 REEPDW1236FRB 0.12013	6.76e3	109.6	NO
4	4 13C8-PFOA	1802365-03 REEPDW1236FRB 0.12013	5.63e4	97.8	NO
5	5 13C9-PFNA	1802365-03 REEPDW1236FRB 0.12013	5.20e4	105.6	NO
6	6 13C4-PFOS	1802365-03 REEPDW1236FRB 0.12013	7.78e3	114.4	NO
7	7 13C6-PFDA	1802365-03 REEPDW1236FRB 0.12013	5.30e4	104.5	NO
8	8 13C7-PFUDa	1802365-03 REEPDW1236FRB 0.12013	5.70e4	102.6	NO

Name: 180825M1_94, Date: 26-Aug-2018, Time: 05:58:20, ID: 1802365-04 REEPDW1237FRB 0.12044,

Description: REEPDW1237FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802365-04 REEPDW1237FRB 0.12044	2.61e4	103.5	NO
2	2 13C5-PFHxA	1802365-04 REEPDW1237FRB 0.12044	5.48e4	101.2	NO
3	3 13C3-PFHxS	1802365-04 REEPDW1237FRB 0.12044	6.91e3	112.0	NO
4	4 13C8-PFOA	1802365-04 REEPDW1237FRB 0.12044	6.04e4	105.0	NO
5	5 13C9-PFNA	1802365-04 REEPDW1237FRB 0.12044	5.70e4	115.7	NO
6	6 13C4-PFOS	1802365-04 REEPDW1237FRB 0.12044	8.18e3	120.3	NO
7	7 13C6-PFDA	1802365-04 REEPDW1237FRB 0.12044	5.64e4	111.3	NO
8	8 13C7-PFUDa	1802365-04 REEPDW1237FRB 0.12044	6.47e4	116.5	NO

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Name: 180825M1_95, Date: 26-Aug-2018, Time: 06:08:53, ID: 1802365-05 REEPDW1238FRB 0.11404, Description: REEPDW1238FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802365-05 REEPDW1238FRB 0.11404	2.70e4	106.9	NO
2	2 13C5-PFHxA	1802365-05 REEPDW1238FRB 0.11404	5.42e4	100.2	NO
3	3 13C3-PFHxS	1802365-05 REEPDW1238FRB 0.11404	6.97e3	113.0	NO
4	4 13C8-PFOA	1802365-05 REEPDW1238FRB 0.11404	5.90e4	102.5	NO
5	5 13C9-PFNA	1802365-05 REEPDW1238FRB 0.11404	5.44e4	110.3	NO
6	6 13C4-PFOS	1802365-05 REEPDW1238FRB 0.11404	7.82e3	114.9	NO
7	7 13C6-PFDA	1802365-05 REEPDW1238FRB 0.11404	5.43e4	107.1	NO
8	8 13C7-PFUDa	1802365-05 REEPDW1238FRB 0.11404	6.06e4	109.0	NO

Name: 180825M1_96, Date: 26-Aug-2018, Time: 06:19:32, ID: 1802366-01 REEPDW1239 0.12, Description: REEPDW1239

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802366-01 REEPDW1239 0.12	2.77e4	109.7	NO
2	2 13C5-PFHxA	1802366-01 REEPDW1239 0.12	5.60e4	103.5	NO
3	3 13C3-PFHxS	1802366-01 REEPDW1239 0.12	7.22e3	117.1	NO
4	4 13C8-PFOA	1802366-01 REEPDW1239 0.12	6.07e4	105.5	NO
5	5 13C9-PFNA	1802366-01 REEPDW1239 0.12	5.04e4	102.2	NO
6	6 13C4-PFOS	1802366-01 REEPDW1239 0.12	8.40e3	123.5	NO
7	7 13C6-PFDA	1802366-01 REEPDW1239 0.12	5.48e4	108.0	NO
8	8 13C7-PFUDa	1802366-01 REEPDW1239 0.12	6.48e4	116.7	NO

Name: 180825M1_97, Date: 26-Aug-2018, Time: 06:30:05, ID: 1802366-02 REEPDW1240 0.12053, Description: REEPDW1240

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802366-02 REEPDW1240 0.12053	2.49e4	98.7	NO
2	2 13C5-PFHxA	1802366-02 REEPDW1240 0.12053	5.04e4	93.1	NO
3	3 13C3-PFHxS	1802366-02 REEPDW1240 0.12053	7.05e3	114.2	NO
4	4 13C8-PFOA	1802366-02 REEPDW1240 0.12053	5.81e4	101.1	NO
5	5 13C9-PFNA	1802366-02 REEPDW1240 0.12053	5.15e4	104.5	NO
6	6 13C4-PFOS	1802366-02 REEPDW1240 0.12053	8.20e3	120.5	NO
7	7 13C6-PFDA	1802366-02 REEPDW1240 0.12053	5.06e4	99.8	NO
8	8 13C7-PFUDa	1802366-02 REEPDW1240 0.12053	5.78e4	104.1	NO

Name: 180825M1_98, Date: 26-Aug-2018, Time: 06:40:44, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA	5.07e0	0.0	YES
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

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Name: 180825M1_99, Date: 26-Aug-2018, Time: 06:51:16, ID: ST180825M1-16 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-16 PFC CS3 18H2107	3.59e4	142.3	NO
2	2 13C5-PFHxA	ST180825M1-16 PFC CS3 18H2107	7.55e4	139.3	NO
3	3 13C3-PFHxS	ST180825M1-16 PFC CS3 18H2107	8.82e3	143.0	NO
4	4 13C8-PFOA	ST180825M1-16 PFC CS3 18H2107	7.96e4	138.3	NO
5	5 13C9-PFNA	ST180825M1-16 PFC CS3 18H2107	7.07e4	143.6	NO
6	6 13C4-PFOS	ST180825M1-16 PFC CS3 18H2107	9.96e3	146.4	NO
7	7 13C6-PFDA	ST180825M1-16 PFC CS3 18H2107	7.06e4	139.2	NO
8	8 13C7-PFUDa	ST180825M1-16 PFC CS3 18H2107	7.60e4	136.9	NO

Name: 180825M1_100, Date: 26-Aug-2018, Time: 07:01:54, ID: 1802366-03 REEPDW573 0.11989, Description: REEPDW573

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802366-03 REEPDW573 0.11989	4.20e4	166.3	YES
2	2 13C5-PFHxA	1802366-03 REEPDW573 0.11989	8.64e4	159.5	YES
3	3 13C3-PFHxS	1802366-03 REEPDW573 0.11989	1.15e4	186.6	YES
4	4 13C8-PFOA	1802366-03 REEPDW573 0.11989	9.50e4	165.1	YES
5	5 13C9-PFNA	1802366-03 REEPDW573 0.11989	8.08e4	164.1	YES
6	6 13C4-PFOS	1802366-03 REEPDW573 0.11989	1.35e4	198.0	YES
7	7 13C6-PFDA	1802366-03 REEPDW573 0.11989	8.19e4	161.6	YES
8	8 13C7-PFUDa	1802366-03 REEPDW573 0.11989	9.81e4	176.6	YES

Name: 180825M1_101, Date: 26-Aug-2018, Time: 07:12:26, ID: 1802367-01 REEPDW1239FRB 0.11812, Description: REEPDW1239FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802367-01 REEPDW1239FRB 0.11812	2.69e4	106.6	NO
2	2 13C5-PFHxA	1802367-01 REEPDW1239FRB 0.11812	5.34e4	98.7	NO
3	3 13C3-PFHxS	1802367-01 REEPDW1239FRB 0.11812	7.07e3	114.7	NO
4	4 13C8-PFOA	1802367-01 REEPDW1239FRB 0.11812	5.79e4	100.6	NO
5	5 13C9-PFNA	1802367-01 REEPDW1239FRB 0.11812	5.40e4	109.5	NO
6	6 13C4-PFOS	1802367-01 REEPDW1239FRB 0.11812	7.66e3	112.5	NO
7	7 13C6-PFDA	1802367-01 REEPDW1239FRB 0.11812	5.19e4	102.4	NO
8	8 13C7-PFUDa	1802367-01 REEPDW1239FRB 0.11812	6.03e4	108.5	NO

Name: 180825M1_102, Date: 26-Aug-2018, Time: 07:23:05, ID: 1802367-02 REEPDW1240FRB 0.11881, Description: REEPDW1240FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802367-02 REEPDW1240FRB 0.11881	2.53e4	100.2	NO
2	2 13C5-PFHxA	1802367-02 REEPDW1240FRB 0.11881	5.35e4	98.7	NO
3	3 13C3-PFHxS	1802367-02 REEPDW1240FRB 0.11881	7.11e3	115.2	NO
4	4 13C8-PFOA	1802367-02 REEPDW1240FRB 0.11881	5.88e4	102.3	NO
5	5 13C9-PFNA	1802367-02 REEPDW1240FRB 0.11881	5.37e4	109.0	NO
6	6 13C4-PFOS	1802367-02 REEPDW1240FRB 0.11881	7.63e3	112.2	NO
7	7 13C6-PFDA	1802367-02 REEPDW1240FRB 0.11881	5.58e4	110.1	NO
8	8 13C7-PFUDa	1802367-02 REEPDW1240FRB 0.11881	5.91e4	106.3	NO

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Name: 180825M1_103, Date: 26-Aug-2018, Time: 07:33:38, ID: B8H0113-BS1 OPR 0.125, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0113-BS1 OPR 0.125	1.74e4	69.0	NO
2	2 13C5-PFHxA	B8H0113-BS1 OPR 0.125	3.76e4	69.5	NO
3	3 13C3-PFHxS	B8H0113-BS1 OPR 0.125	5.18e3	83.9	NO
4	4 13C8-PFOA	B8H0113-BS1 OPR 0.125	4.27e4	74.3	NO
5	5 13C9-PFNA	B8H0113-BS1 OPR 0.125	3.95e4	80.1	NO
6	6 13C4-PFOS	B8H0113-BS1 OPR 0.125	5.87e3	86.3	NO
7	7 13C6-PFDA	B8H0113-BS1 OPR 0.125	3.98e4	78.5	NO
8	8 13C7-PFUDa	B8H0113-BS1 OPR 0.125	4.30e4	77.4	NO

Name: 180825M1_104, Date: 26-Aug-2018, Time: 07:44:16, ID: B8H0113-BSD1 LCSD 0.125, Description: LCSD

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0113-BSD1 LCSD 0.125	1.80e4	71.3	NO
2	2 13C5-PFHxA	B8H0113-BSD1 LCSD 0.125	3.64e4	67.2	NO
3	3 13C3-PFHxS	B8H0113-BSD1 LCSD 0.125	4.83e3	78.3	NO
4	4 13C8-PFOA	B8H0113-BSD1 LCSD 0.125	4.07e4	70.8	NO
5	5 13C9-PFNA	B8H0113-BSD1 LCSD 0.125	3.64e4	73.9	NO
6	6 13C4-PFOS	B8H0113-BSD1 LCSD 0.125	5.45e3	80.2	NO
7	7 13C6-PFDA	B8H0113-BSD1 LCSD 0.125	3.84e4	75.8	NO
8	8 13C7-PFUDa	B8H0113-BSD1 LCSD 0.125	4.17e4	75.0	NO

Name: 180825M1_105, Date: 26-Aug-2018, Time: 07:54:48, ID: B8H0113-BLK1 Method Blank 0.125, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0113-BLK1 Method Blank 0.125	1.73e4	68.5	NO
2	2 13C5-PFHxA	B8H0113-BLK1 Method Blank 0.125	3.80e4	70.2	NO
3	3 13C3-PFHxS	B8H0113-BLK1 Method Blank 0.125	5.15e3	83.6	NO
4	4 13C8-PFOA	B8H0113-BLK1 Method Blank 0.125	4.39e4	76.3	NO
5	5 13C9-PFNA	B8H0113-BLK1 Method Blank 0.125	4.06e4	82.4	NO
6	6 13C4-PFOS	B8H0113-BLK1 Method Blank 0.125	5.90e3	86.7	NO
7	7 13C6-PFDA	B8H0113-BLK1 Method Blank 0.125	3.83e4	75.6	NO
8	8 13C7-PFUDa	B8H0113-BLK1 Method Blank 0.125	4.41e4	79.5	NO

Name: 180825M1_106, Date: 26-Aug-2018, Time: 08:05:27, ID: 1802414-01 REEPDW1241 0.11509, Description: REEPDW1241

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802414-01 REEPDW1241 0.11509	1.77e4	70.1	NO
2	2 13C5-PFHxA	1802414-01 REEPDW1241 0.11509	3.64e4	67.1	NO
3	3 13C3-PFHxS	1802414-01 REEPDW1241 0.11509	5.27e3	85.4	NO
4	4 13C8-PFOA	1802414-01 REEPDW1241 0.11509	4.22e4	73.4	NO
5	5 13C9-PFNA	1802414-01 REEPDW1241 0.11509	3.73e4	75.8	NO
6	6 13C4-PFOS	1802414-01 REEPDW1241 0.11509	5.84e3	85.8	NO
7	7 13C6-PFDA	1802414-01 REEPDW1241 0.11509	3.89e4	76.7	NO
8	8 13C7-PFUDa	1802414-01 REEPDW1241 0.11509	4.33e4	77.9	NO

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Name: 180825M1_107, Date: 26-Aug-2018, Time: 08:16:00, ID: 1802414-02 REEPDW1242 0.11982, Description: REEPDW1242

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802414-02 REEPDW1242 0.11982	1.71e4	67.7	NO
2	2 13C5-PFHxA	1802414-02 REEPDW1242 0.11982	3.46e4	64.0	NO
3	3 13C3-PFHxS	1802414-02 REEPDW1242 0.11982	5.19e3	84.1	NO
4	4 13C8-PFOA	1802414-02 REEPDW1242 0.11982	3.99e4	69.3	NO
5	5 13C9-PFNA	1802414-02 REEPDW1242 0.11982	3.45e4	69.9	NO
6	6 13C4-PFOS	1802414-02 REEPDW1242 0.11982	5.90e3	86.8	NO
7	7 13C6-PFDA	1802414-02 REEPDW1242 0.11982	3.66e4	72.1	NO
8	8 13C7-PFUDa	1802414-02 REEPDW1242 0.11982	4.09e4	73.6	NO

Name: 180825M1_108, Date: 26-Aug-2018, Time: 08:26:38, ID: 1802414-03 REEPDW1243 0.11649, Description: REEPDW1243

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802414-03 REEPDW1243 0.11649	1.85e4	73.1	NO
2	2 13C5-PFHxA	1802414-03 REEPDW1243 0.11649	3.79e4	70.0	NO
3	3 13C3-PFHxS	1802414-03 REEPDW1243 0.11649	5.70e3	92.4	NO
4	4 13C8-PFOA	1802414-03 REEPDW1243 0.11649	4.26e4	74.1	NO
5	5 13C9-PFNA	1802414-03 REEPDW1243 0.11649	4.03e4	81.8	NO
6	6 13C4-PFOS	1802414-03 REEPDW1243 0.11649	6.44e3	94.7	NO
7	7 13C6-PFDA	1802414-03 REEPDW1243 0.11649	3.89e4	76.7	NO
8	8 13C7-PFUDa	1802414-03 REEPDW1243 0.11649	4.40e4	79.2	NO

Name: 180825M1_109, Date: 26-Aug-2018, Time: 08:37:10, ID: 1802414-04 REEPDW1244 0.11739, Description: REEPDW1244

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802414-04 REEPDW1244 0.11739	1.76e4	69.8	NO
2	2 13C5-PFHxA	1802414-04 REEPDW1244 0.11739	3.57e4	65.8	NO
3	3 13C3-PFHxS	1802414-04 REEPDW1244 0.11739	5.38e3	87.2	NO
4	4 13C8-PFOA	1802414-04 REEPDW1244 0.11739	4.21e4	73.3	NO
5	5 13C9-PFNA	1802414-04 REEPDW1244 0.11739	3.79e4	76.8	NO
6	6 13C4-PFOS	1802414-04 REEPDW1244 0.11739	5.78e3	85.0	NO
7	7 13C6-PFDA	1802414-04 REEPDW1244 0.11739	3.80e4	75.0	NO
8	8 13C7-PFUDa	1802414-04 REEPDW1244 0.11739	4.19e4	75.4	NO

Name: 180825M1_110, Date: 26-Aug-2018, Time: 08:47:49, ID: 1802415-01 REEPDW1241FRB 0.12082, Description: REEPDW1241FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802415-01 REEPDW1241FRB 0.12082	1.89e4	75.0	NO
2	2 13C5-PFHxA	1802415-01 REEPDW1241FRB 0.12082	3.81e4	70.4	NO
3	3 13C3-PFHxS	1802415-01 REEPDW1241FRB 0.12082	4.95e3	80.3	NO
4	4 13C8-PFOA	1802415-01 REEPDW1241FRB 0.12082	4.21e4	73.1	NO
5	5 13C9-PFNA	1802415-01 REEPDW1241FRB 0.12082	3.91e4	79.3	NO
6	6 13C4-PFOS	1802415-01 REEPDW1241FRB 0.12082	5.84e3	85.9	NO
7	7 13C6-PFDA	1802415-01 REEPDW1241FRB 0.12082	3.74e4	73.8	NO
8	8 13C7-PFUDa	1802415-01 REEPDW1241FRB 0.12082	4.19e4	75.4	NO

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Name: 180825M1_111, Date: 26-Aug-2018, Time: 08:58:22, ID: 1802415-02 REEPDW1242FRB 0.12025, Description: REEPDW1242FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802415-02 REEPDW1242FRB 0.12025	2.01e4	79.8	NO
2	2 13C5-PFHxA	1802415-02 REEPDW1242FRB 0.12025	4.14e4	76.5	NO
3	3 13C3-PFHxS	1802415-02 REEPDW1242FRB 0.12025	5.51e3	89.4	NO
4	4 13C8-PFOA	1802415-02 REEPDW1242FRB 0.12025	4.82e4	83.9	NO
5	5 13C9-PFNA	1802415-02 REEPDW1242FRB 0.12025	4.33e4	87.8	NO
6	6 13C4-PFOS	1802415-02 REEPDW1242FRB 0.12025	6.06e3	89.1	NO
7	7 13C6-PFDA	1802415-02 REEPDW1242FRB 0.12025	4.31e4	84.9	NO
8	8 13C7-PFUDa	1802415-02 REEPDW1242FRB 0.12025	4.75e4	85.5	NO

Name: 180825M1_112, Date: 26-Aug-2018, Time: 09:09:00, ID: 1802415-03 REEPDW1243FRB 0.12165, Description: REEPDW1243FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802415-03 REEPDW1243FRB 0.12165	2.10e4	83.3	NO
2	2 13C5-PFHxA	1802415-03 REEPDW1243FRB 0.12165	4.29e4	79.2	NO
3	3 13C3-PFHxS	1802415-03 REEPDW1243FRB 0.12165	5.57e3	90.3	NO
4	4 13C8-PFOA	1802415-03 REEPDW1243FRB 0.12165	4.80e4	83.5	NO
5	5 13C9-PFNA	1802415-03 REEPDW1243FRB 0.12165	4.34e4	88.2	NO
6	6 13C4-PFOS	1802415-03 REEPDW1243FRB 0.12165	6.37e3	93.7	NO
7	7 13C6-PFDA	1802415-03 REEPDW1243FRB 0.12165	4.54e4	89.6	NO
8	8 13C7-PFUDa	1802415-03 REEPDW1243FRB 0.12165	4.79e4	86.3	NO

Name: 180825M1_113, Date: 26-Aug-2018, Time: 09:19:32, ID: 1802415-04 REEPDW1244FRB 0.1186, Description: REEPDW1244FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802415-04 REEPDW1244FRB 0.1186	2.08e4	82.5	NO
2	2 13C5-PFHxA	1802415-04 REEPDW1244FRB 0.1186	4.13e4	76.2	NO
3	3 13C3-PFHxS	1802415-04 REEPDW1244FRB 0.1186	5.53e3	89.7	NO
4	4 13C8-PFOA	1802415-04 REEPDW1244FRB 0.1186	4.71e4	81.8	NO
5	5 13C9-PFNA	1802415-04 REEPDW1244FRB 0.1186	4.38e4	88.8	NO
6	6 13C4-PFOS	1802415-04 REEPDW1244FRB 0.1186	6.23e3	91.6	NO
7	7 13C6-PFDA	1802415-04 REEPDW1244FRB 0.1186	4.24e4	83.7	NO
8	8 13C7-PFUDa	1802415-04 REEPDW1244FRB 0.1186	4.85e4	87.4	NO

Name: 180825M1_114, Date: 26-Aug-2018, Time: 09:30:11, ID: 1802416-01 REEPDW1245 0.11966, Description: REEPDW1245

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802416-01 REEPDW1245 0.11966	1.90e4	75.3	NO
2	2 13C5-PFHxA	1802416-01 REEPDW1245 0.11966	3.58e4	66.1	NO
3	3 13C3-PFHxS	1802416-01 REEPDW1245 0.11966	4.61e3	74.7	NO
4	4 13C8-PFOA	1802416-01 REEPDW1245 0.11966	4.11e4	71.5	NO
5	5 13C9-PFNA	1802416-01 REEPDW1245 0.11966	3.71e4	75.3	NO
6	6 13C4-PFOS	1802416-01 REEPDW1245 0.11966	5.72e3	84.1	NO
7	7 13C6-PFDA	1802416-01 REEPDW1245 0.11966	3.88e4	76.5	NO
8	8 13C7-PFUDa	1802416-01 REEPDW1245 0.11966	4.24e4	76.2	NO

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Name: 180825M1_115, Date: 26-Aug-2018, Time: 09:40:44, ID: 1802417-01 REEPDW1245FRB 0.12092, Description: REEPDW1245FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802417-01 REEPDW1245FRB 0.12092	1.96e4	77.6	NO
2	2 13C5-PFHxA	1802417-01 REEPDW1245FRB 0.12092	4.02e4	74.2	NO
3	3 13C3-PFHxS	1802417-01 REEPDW1245FRB 0.12092	5.49e3	89.1	NO
4	4 13C8-PFOA	1802417-01 REEPDW1245FRB 0.12092	4.54e4	79.0	NO
5	5 13C9-PFNA	1802417-01 REEPDW1245FRB 0.12092	4.24e4	86.0	NO
6	6 13C4-PFOS	1802417-01 REEPDW1245FRB 0.12092	6.12e3	90.0	NO
7	7 13C6-PFDA	1802417-01 REEPDW1245FRB 0.12092	4.19e4	82.7	NO
8	8 13C7-PFUDa	1802417-01 REEPDW1245FRB 0.12092	4.49e4	80.8	NO

Name: 180825M1_116, Date: 26-Aug-2018, Time: 09:51:22, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA	5.27e0	0.0	YES
2	2 13C5-PFHxA	IPA	1.13e1	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA	7.30e0	0.0	YES
5	5 13C9-PFNA	IPA	1.79e1	0.0	YES
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA	7.37e0	0.0	YES
8	8 13C7-PFUDa	IPA			NO

Name: 180825M1_117, Date: 26-Aug-2018, Time: 10:02:00, ID: ST180825M1-17 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-17 PFC CS3 18H2107	4.25e4	168.2	YES
2	2 13C5-PFHxA	ST180825M1-17 PFC CS3 18H2107	8.50e4	156.9	YES
3	3 13C3-PFHxS	ST180825M1-17 PFC CS3 18H2107	9.81e3	159.0	YES
4	4 13C8-PFOA	ST180825M1-17 PFC CS3 18H2107	8.94e4	155.4	YES
5	5 13C9-PFNA	ST180825M1-17 PFC CS3 18H2107	8.04e4	163.1	YES
6	6 13C4-PFOS	ST180825M1-17 PFC CS3 18H2107	1.07e4	157.6	YES
7	7 13C6-PFDA	ST180825M1-17 PFC CS3 18H2107	7.52e4	148.4	NO
8	8 13C7-PFUDa	ST180825M1-17 PFC CS3 18H2107	8.07e4	145.3	NO

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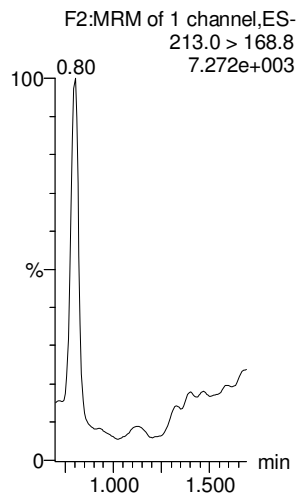
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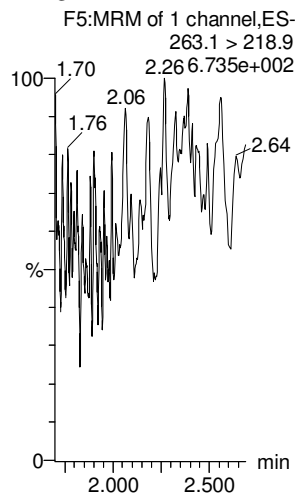
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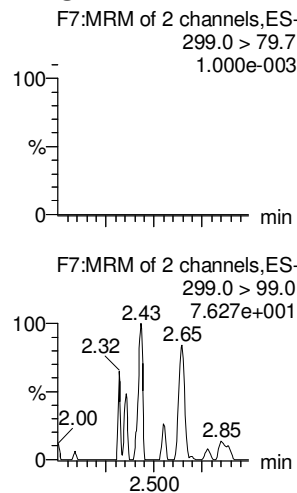
PFBA



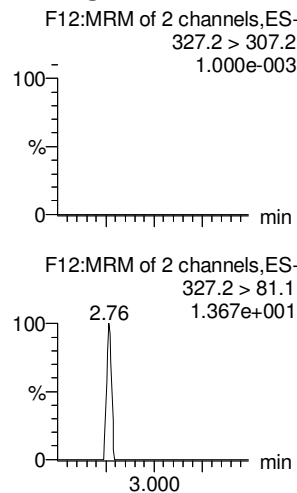
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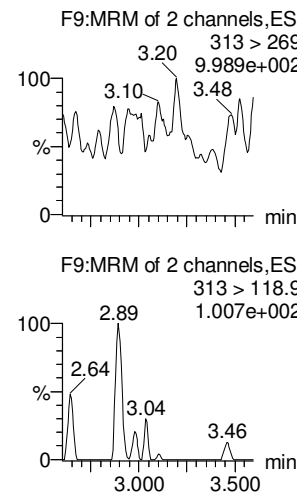
PFBS



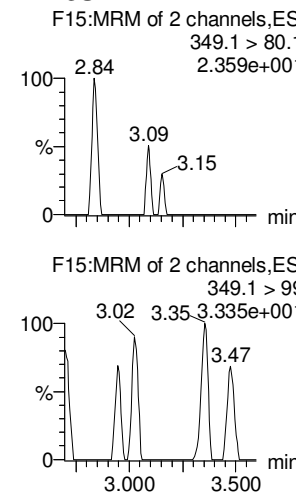
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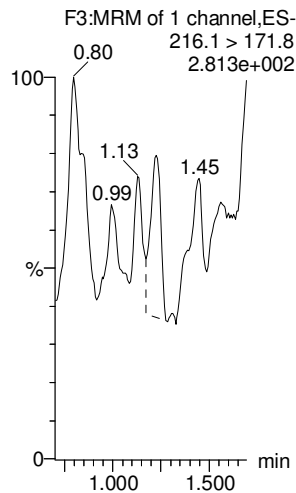
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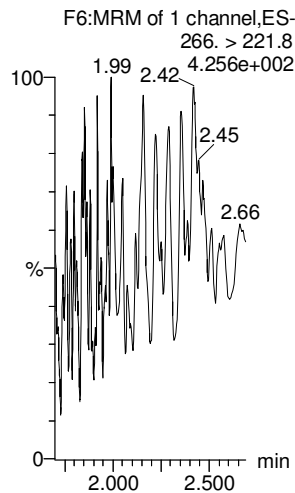
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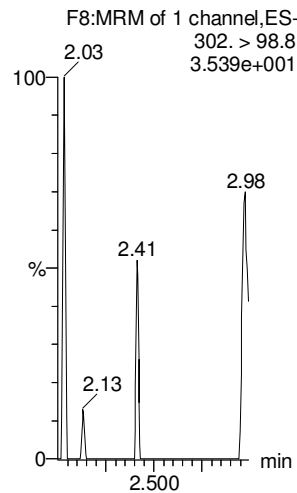
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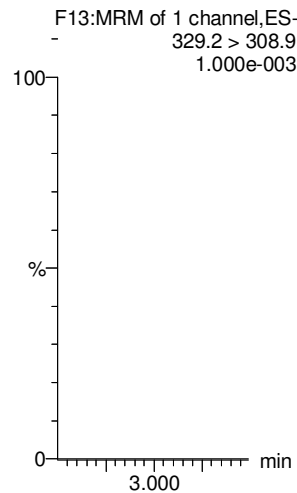
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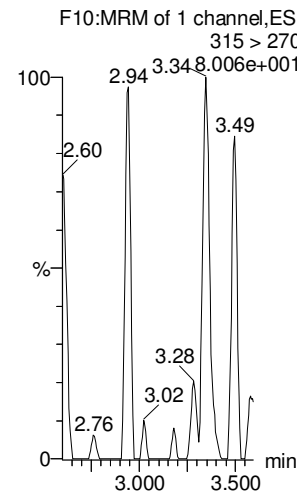
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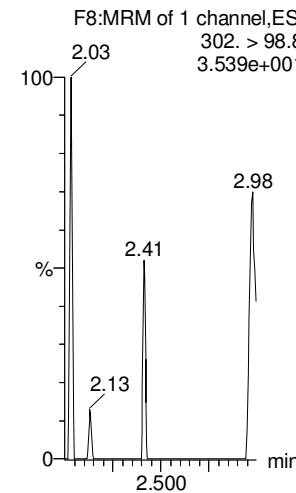
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



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6:2 FTS

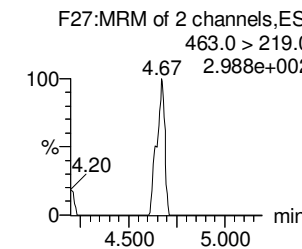
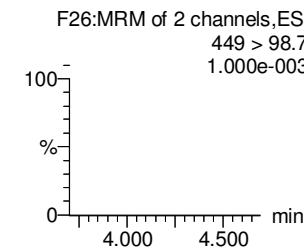
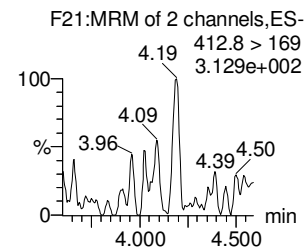
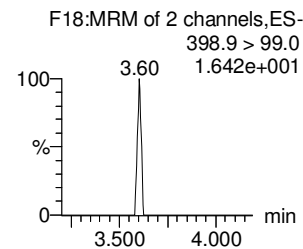
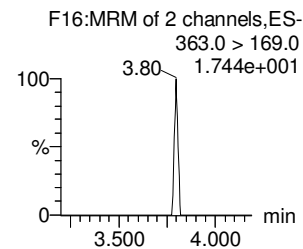
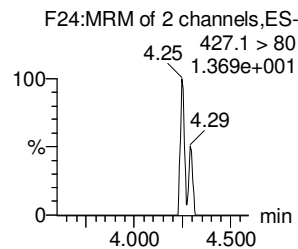
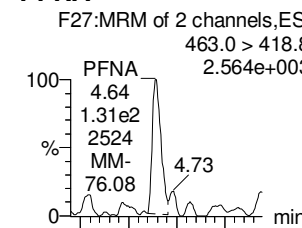
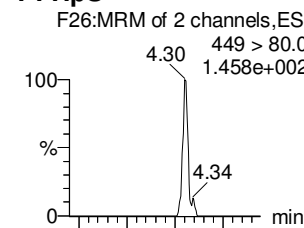
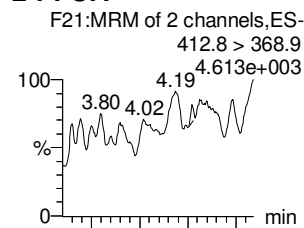
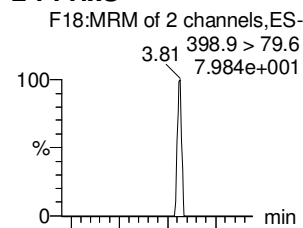
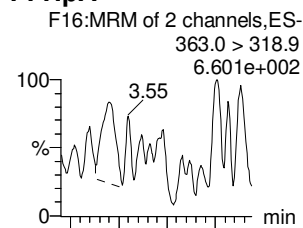
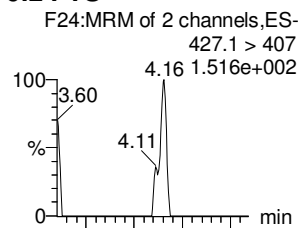
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

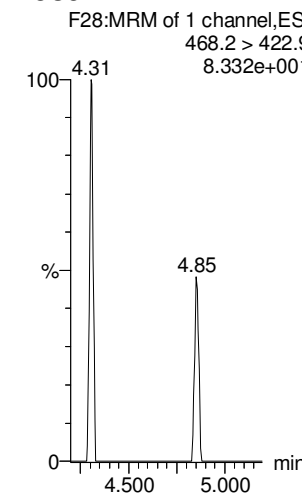
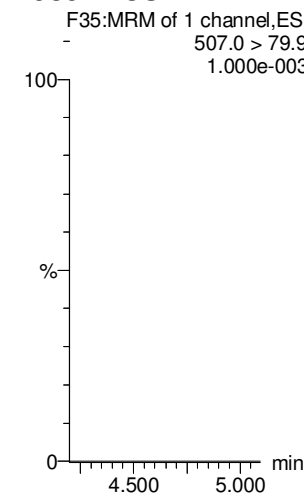
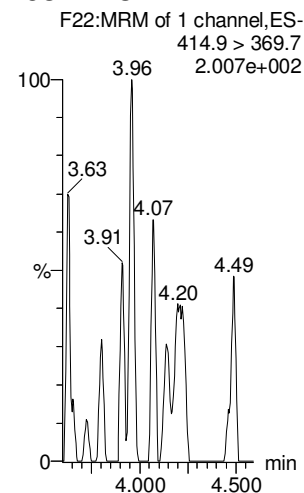
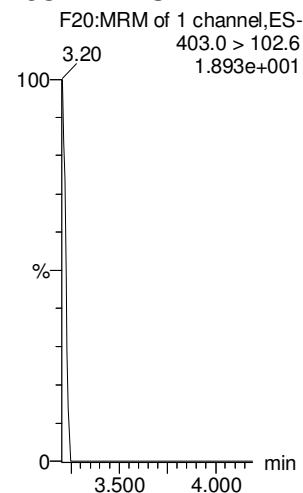
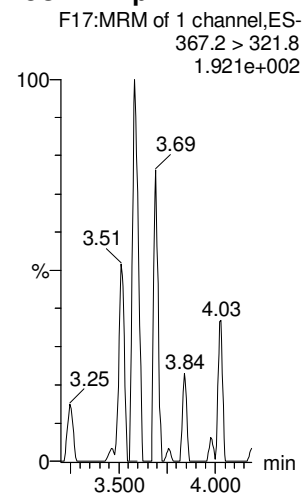
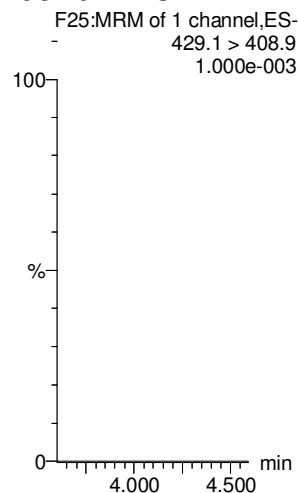
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



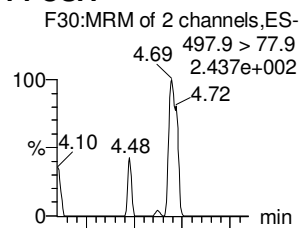
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Last Altered: Sunday, August 26, 2018 13:16:26 Pacific Daylight Time

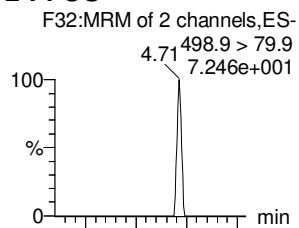
Printed: Sunday, August 26, 2018 13:16:38 Pacific Daylight Time

Name: 180825M1_12, Date: 25-Aug-2018, Time: 15:28:58, ID: IPA, Description: IPA

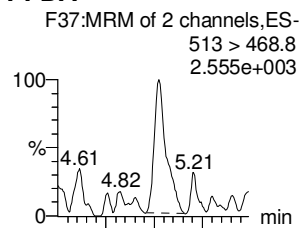
PFOSA



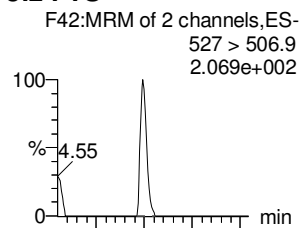
L-PFOS



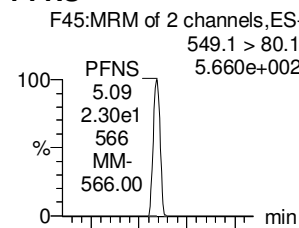
PFDA



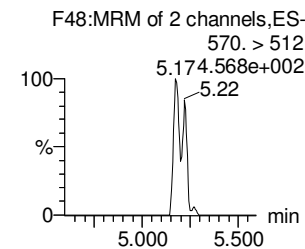
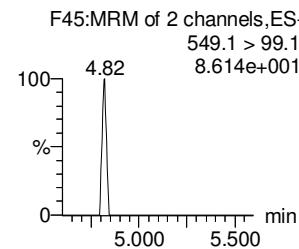
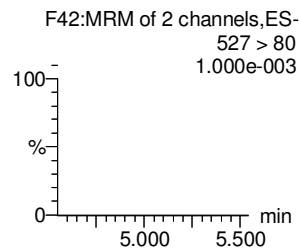
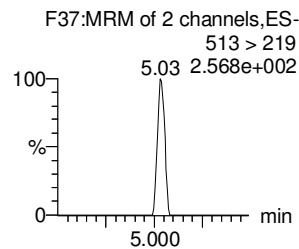
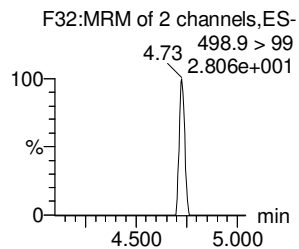
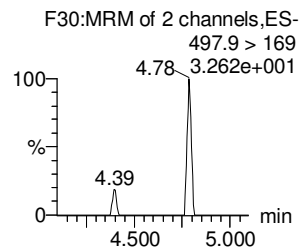
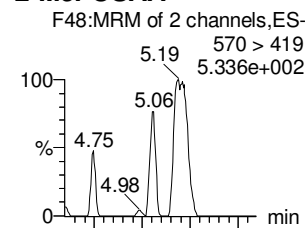
8:2 FTS



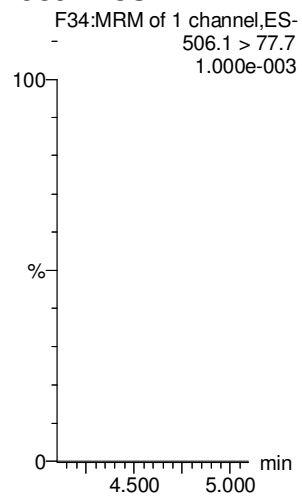
PFNS



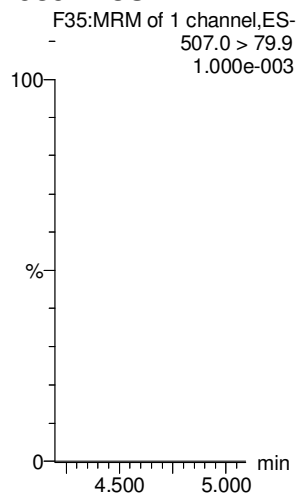
L-MeFOSAA



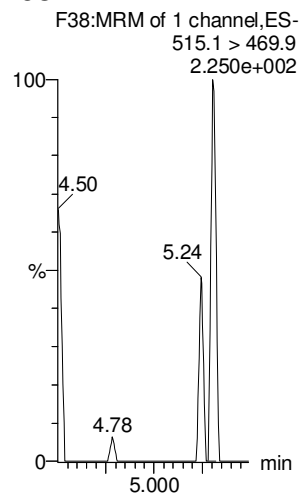
13C8-PFOA



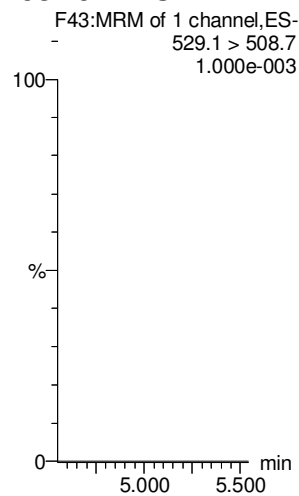
13C8-PFOS



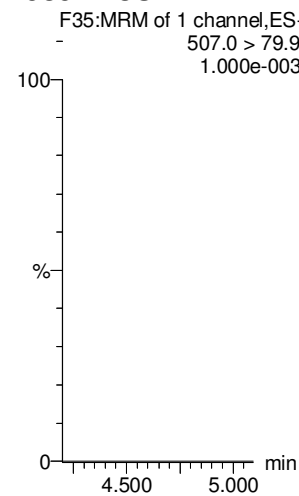
13C2-PFDA



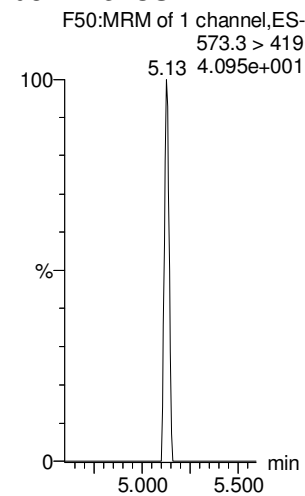
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



Dataset: Untitled

Last Altered: Sunday, August 26, 2018 13:16:26 Pacific Daylight Time

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Name: 180825M1_12, Date: 25-Aug-2018, Time: 15:28:58, ID: IPA, Description: IPA

L-EtFOSAA

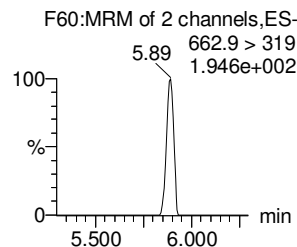
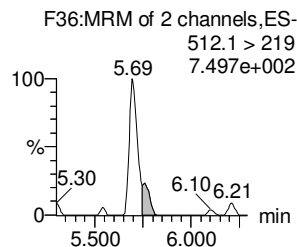
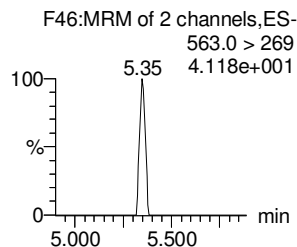
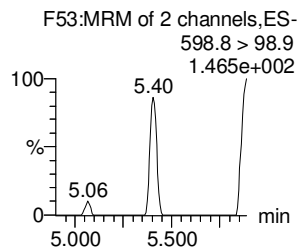
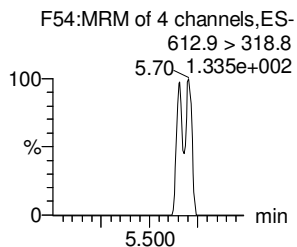
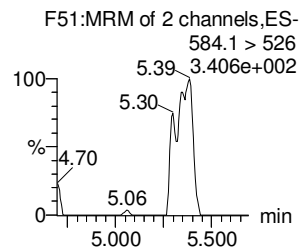
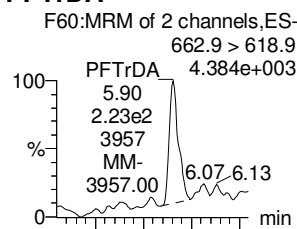
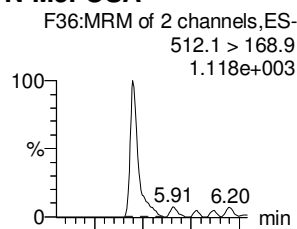
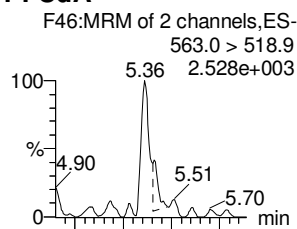
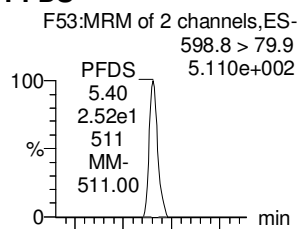
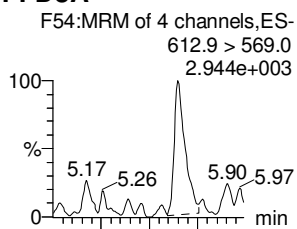
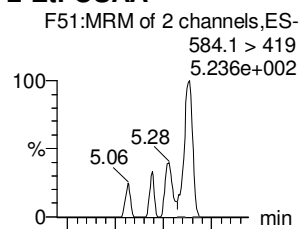
PFDoA

PFDS

PFUdA

N-MeFOSA

PFTrDA



d5-N-EtFOSAA

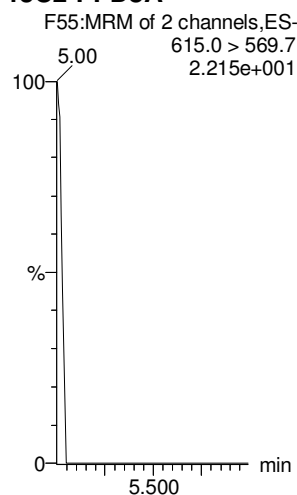
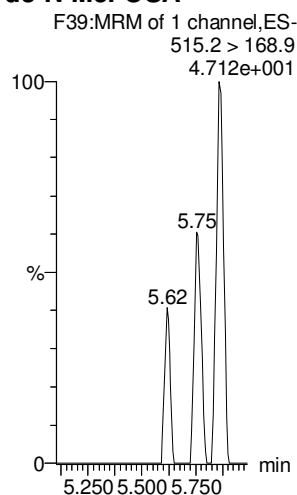
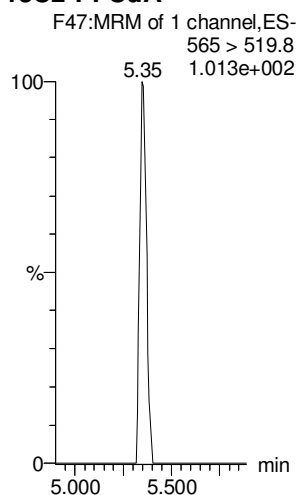
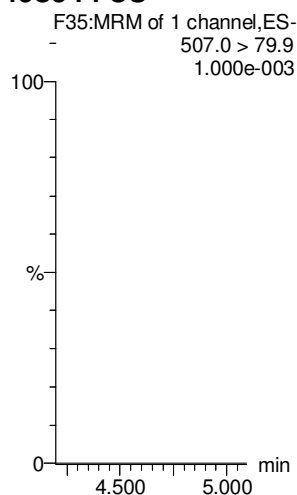
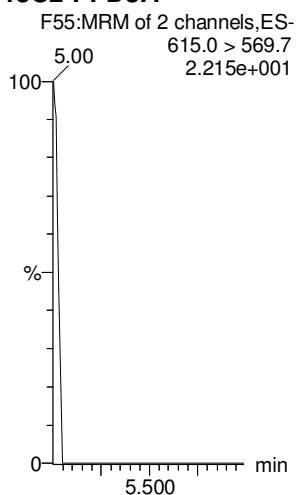
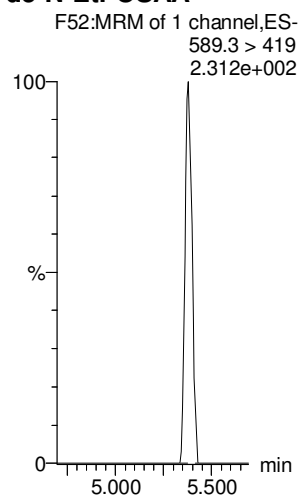
13C2-PFDoA

13C8-PFOS

13C2-PFUdA

d3-N-MeFOSA

13C2-PFDoA



Dataset: Untitled

Last Altered: Sunday, August 26, 2018 13:16:26 Pacific Daylight Time

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Name: 180825M1_12, Date: 25-Aug-2018, Time: 15:28:58, ID: IPA, Description: IPA

PFTeDA

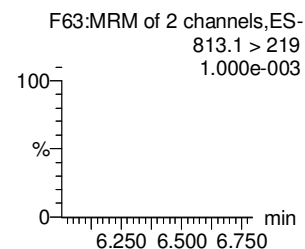
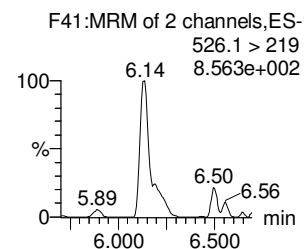
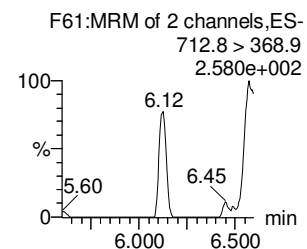
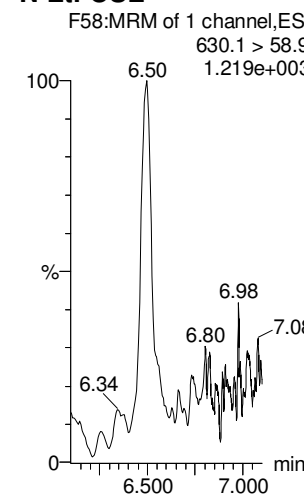
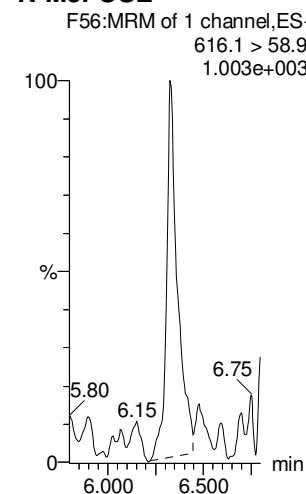
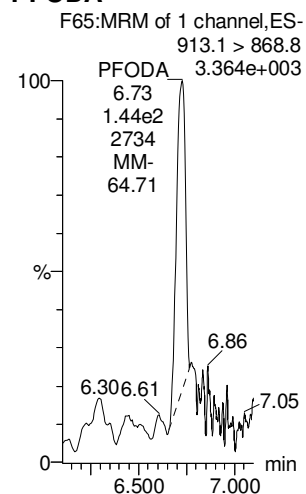
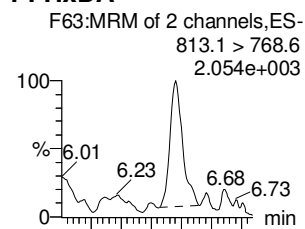
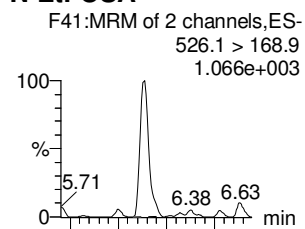
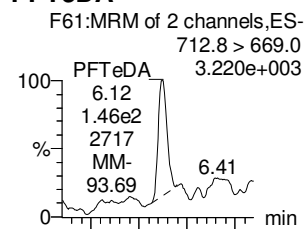
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

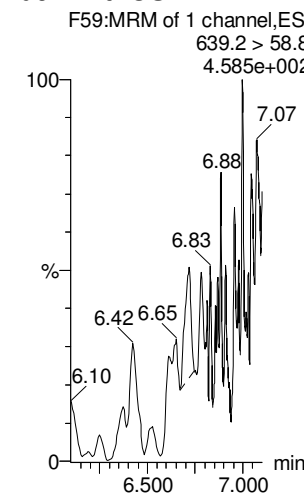
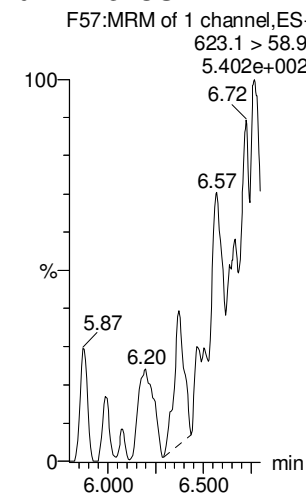
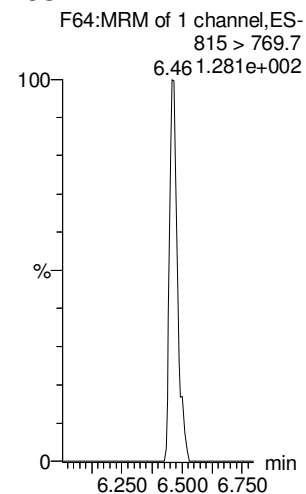
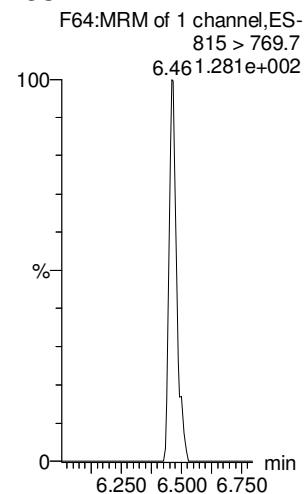
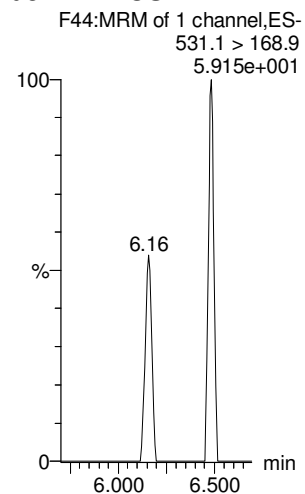
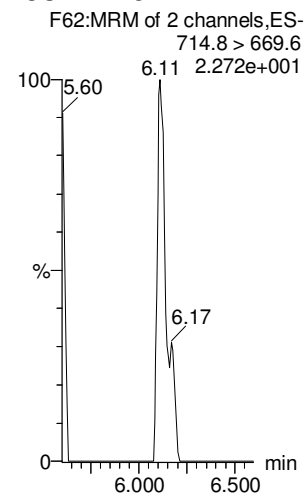
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



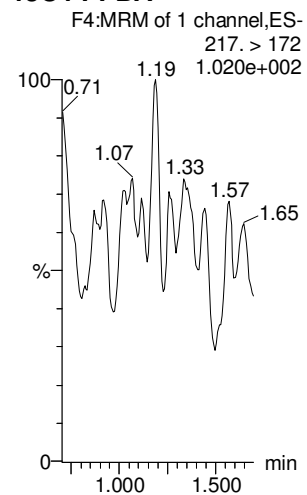
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Last Altered: Sunday, August 26, 2018 13:16:26 Pacific Daylight Time

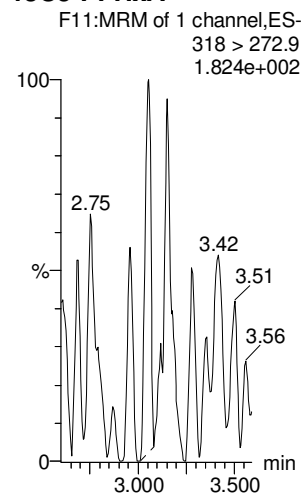
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Name: 180825M1_12, Date: 25-Aug-2018, Time: 15:28:58, ID: IPA, Description: IPA

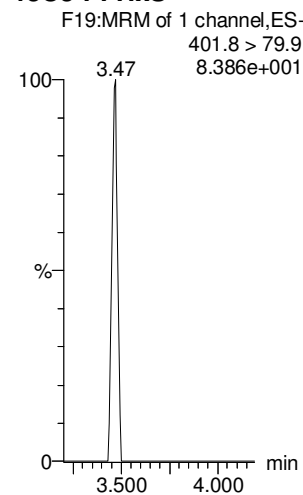
13C4-PFBA



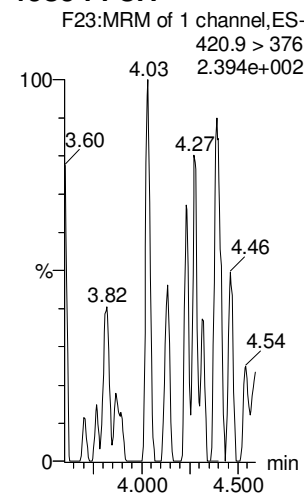
13C5-PFHxA



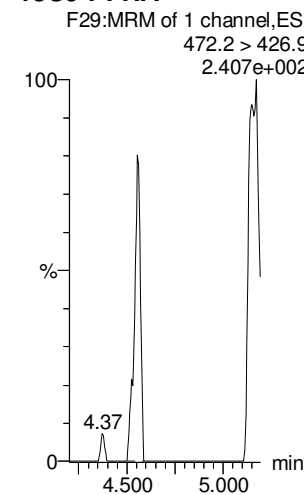
13C3-PFHxS



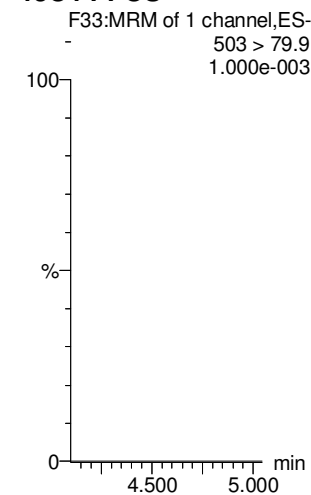
13C8-PFOA



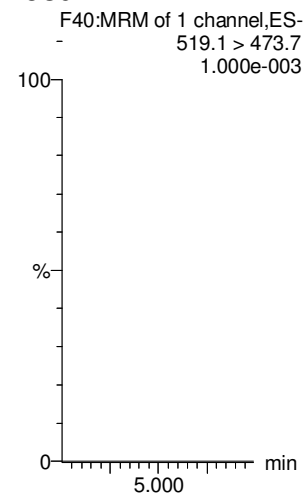
13C9-PFNA



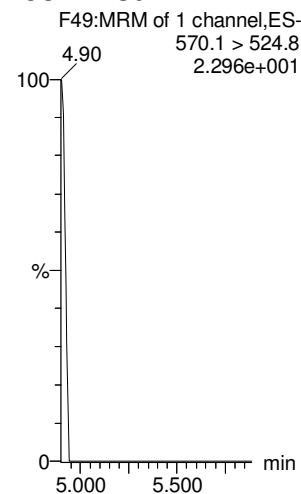
13C4-PFOS



13C6-PFDA



13C7-PFUdA



LC Calibration Standards Review Checklist

04

		ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	
Calibration ID: <u>ST180825M1-11</u>	<u>L M H</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____	<u>-12 L M H</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____	<u>-13 L M H</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____	<u>-14 L M H</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____	<u>-15 L M H</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____	<u>-16 L M H</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____	<u>-17 L M H</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Calibration ID: _____	<u>L M H</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Calibration ID: _____	<u>L M H</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NA

Full Mass Cal. Date: 0/13/18

- Run Log Present:
- # of Samples per Sequence Checked:
- Instrument Blank Saved
- IIS Area Saved
- Reviewed By: GLB/MJT 8/27/18
Initials/Date

Comments:

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-25.qld

Last Altered: Sunday, August 26, 2018 14:55:05 Pacific Daylight Time

Printed: Sunday, August 26, 2018 14:55:20 Pacific Daylight Time

GRB 8/27/18

Name: 180825M1_25, Date: 25-Aug-2018, Time: 17:47:02, ID: ST180825M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	17335.383	19561.881	1.00	1.27	11.077	9.6	95.7	NO		
2	2 PFPeA	263.1 > 218.9	25854.574	34579.281	1.00	2.28	9.346	9.8	97.7	NO		
3	3 PFBS	299.0 > 79.7	5374.339	3639.143	1.00	2.58	18.460	9.3	92.7	NO	2.723	NO
4	4 4:2 FTS	327.2 > 307.2	5462.211	6969.278	1.00	3.00	9.797	10.3	103.4	NO	1.630	NO
5	5 PFHxA	313 > 269	39574.051	20527.662	1.00	3.08	9.639	10.2	102.4	NO	15.362	NO
6	6 PFPeS	349.1 > 80.1	4556.168	3639.143	1.00	3.29	15.650	9.3	93.4	NO	1.666	NO
7	36 13C3-PFBA	216.1 > 171.8	19561.881	23719.803	1.00	1.28	10.309	12.5	99.8	NO		
8	37 13C3-PFPeA	266. > 221.8	34579.281	53540.590	1.00	2.28	8.073	12.6	100.9	NO		
9	38 13C3-PFBS	302. > 98.8	3639.143	53540.590	1.00	2.58	0.850	13.0	104.3	NO		
10	39 13C2-4:2 FTS	329.2 > 308.9	6969.278	53540.590	1.00	2.99	1.627	11.6	93.0	NO		
11	40 13C2-PFHxA	315 > 270	20527.662	53540.590	1.00	3.08	4.793	5.0	99.1	NO		
12	38 13C3-PFBS	302. > 98.8	3639.143	53540.590	1.00	2.58	0.850	13.0	104.3	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	5742.606	7226.720	1.00	4.19	9.933	9.9	99.3	NO	2.617	NO
15	7 PFHpA	363.0 > 318.9	28393.350	31605.807	1.00	3.71	11.229	9.6	95.9	NO	21.787	NO
16	8 L-PFHxS	398.9 > 79.6	4225.584	3019.105	1.00	3.86	17.495	10.1	101.3	NO	1.741	NO
17	11 L-PFOA	412.8 > 368.9	48053.633	47286.891	1.00	4.24	12.703	10.2	102.4	NO	3.272	NO
18	13 PFHpS	449 > 80.0	5239.367	7256.102	1.00	4.36	9.026	10.7	106.8	NO	1.758	NO
19	14 PFNA	463.0 > 418.8	44253.621	47818.383	1.00	4.69	11.568	9.7	96.8	NO	5.305	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	7226.720	59216.184	1.00	4.19	1.525	11.4	91.3	NO		
21	41 13C4-PFHpA	367.2 > 321.8	31605.807	53540.590	1.00	3.71	7.379	12.6	100.9	NO		
22	42 18O2-PFHxS	403.0 > 102.6	3019.105	6487.587	1.00	3.86	5.817	11.2	90.0	NO		
23	44 13C2-PFOA	414.9 > 369.7	47286.891	59216.184	1.00	4.24	9.982	11.6	92.6	NO		
24	47 13C8-PFOS	507.0 > 79.9	7256.102	7247.914	1.00	4.77	12.514	11.8	94.2	NO		
25	45 13C5-PFNA	468.2 > 422.9	47818.383	50865.223	1.00	4.69	11.751	12.2	97.9	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	8572.721	10560.103	1.00	4.74	10.148	9.7	96.5	NO	27.556	NO
28	16 L-PFOS	498.9 > 79.9	5547.395	7256.102	1.00	4.78	9.556	9.8	98.2	NO	1.831	NO
29	18 PFDA	513 > 468.8	46146.957	47577.949	1.00	5.07	12.124	9.9	98.7	NO	6.748	NO
30	19 8:2 FTS	527 > 506.9	6107.973	5612.963	1.00	5.04	13.602	9.9	99.5	NO	2.466	NO
31	20 PFNS	549.1 > 80.1	4788.844	7256.102	1.00	5.14	8.250	10.7	107.1	NO	1.774	NO
32	21 L-MeFOSAA	570 > 419	11553.554	11881.780	1.00	5.22	12.155	9.5	94.8	NO	2.617	NO
33	46 13C8-PFOA	506.1 > 77.7	10560.103	56031.434	1.00	4.74	2.356	12.0	96.3	NO		
34	47 13C8-PFOS	507.0 > 79.9	7256.102	7247.914	1.00	4.77	12.514	11.8	94.2	NO		

DM 8/26/18

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-25.qld

Last Altered: Sunday, August 26, 2018 14:55:05 Pacific Daylight Time

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Name: 180825M1_25, Date: 25-Aug-2018, Time: 17:47:02, ID: ST180825M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	47577.949	50822.090	1.00	5.07	11.702	12.4	99.2	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	5612.963	59216.184	1.00	5.04	1.185	11.3	90.4	NO		
37	47 13C8-PFOS	507.0 > 79.9	7256.102	7247.914	1.00	4.77	12.514	11.8	94.2	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	11881.780	56031.434	1.00	5.22	2.651	11.7	93.6	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	9624.957	13409.200	1.00	5.39	8.972	9.2	92.2	NO	1.392	NO
41	27 PFDoA	612.9 > 569.0	46470.664	55303.684	1.00	5.69	10.504	9.6	95.9	NO	8.200	NO
42	26 PFDS	598.8 > 79.9	5517.922	7256.102	1.00	5.45	9.506	10.3	102.9	NO	1.703	NO
43	25 PFUdA	563.0 > 518.9	41848.473	56094.348	1.00	5.40	9.325	9.8	98.5	NO	12.135	NO
44	28 N-MeFOSA	512.1 > 168.9	14863.820	42121.488	1.00	5.76	52.932	52.9	105.7	NO	1.425	NO
45	29 PFTrDA	662.9 > 618.9	49680.184	55303.684	1.00	5.94	11.229	9.9	98.5	NO	31.849	NO
46	52 d5-N-EtFOSAA	589.3 > 419	13409.200	56031.434	1.00	5.38	2.991	12.1	97.2	NO		
47	53 13C2-PFDoA	615.0 > 569.7	55303.684	50822.090	1.00	5.69	13.602	11.9	95.2	NO		
48	47 13C8-PFOS	507.0 > 79.9	7256.102	7247.914	1.00	4.77	12.514	11.8	94.2	NO		
49	51 13C2-PFUdA	565 > 519.8	56094.348	56031.434	1.00	5.40	12.514	12.4	99.3	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	42121.488	56031.434	1.00	5.78	9.397	141.3	94.2	NO		
51	53 13C2-PFDoA	615.0 > 569.7	55303.684	50822.090	1.00	5.69	13.602	11.9	95.2	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	40970.082	36576.574	1.00	6.15	14.001	10.7	107.5	NO	11.507	NO
54	31 N-EtFOSA	526.1 > 168.9	16484.508	51902.418	1.00	6.18	47.641	50.7	101.4	NO	1.471	NO
55	32 PFHxDA	813.1 > 768.6	24692.160	18838.492	1.00	6.49	6.554	9.9	99.0	NO	42.144	NO
56	33 PFODA	913.1 > 868.8	31055.811	18838.492	1.00	6.72	8.243	10.0	99.6	NO		
57	34 N-MeFOSE	616.1 > 58.9	11311.634	33893.504	1.00	6.36	50.061	51.1	102.3	NO		
58	35 N-EtFOSE	630.1 > 58.9	12797.193	34119.191	1.00	6.51	56.261	51.0	102.0	NO		
59	55 13C2-PFTeDA	714.8 > 669.6	36576.574	56031.434	1.00	6.15	8.160	11.3	90.3	NO		
60	56 d5-N-EtFOSA	531.1 > 168.9	51902.418	56031.434	1.00	6.20	11.579	141.9	94.6	NO		
61	57 13C2-PFHxDA	815 > 769.7	18838.492	56031.434	1.00	6.49	4.203	4.6	91.5	NO		
62	57 13C2-PFHxDA	815 > 769.7	18838.492	56031.434	1.00	6.49	4.203	4.6	91.5	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	33893.504	56031.434	1.00	6.35	7.561	140.0	93.3	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	34119.191	56031.434	1.00	6.50	7.612	141.8	94.6	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	23719.803	23719.803	1.00	1.28	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	53540.590	53540.590	1.00	3.08	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	6487.587	6487.587	1.00	3.86	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-25.qld

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Name: 180825M1_25, Date: 25-Aug-2018, Time: 17:47:02, ID: ST180825M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	59216.184	59216.184	1.00	4.24	12.500	12.5	100.0		NO	
70	64 13C9-PFNA	472.2 > 426.9	50865.223	50865.223	1.00	4.69	12.500	12.5	100.0		NO	
71	65 13C4-PFOS	503 > 79.9	7247.914	7247.914	1.00	4.77	12.500	12.5	100.0		NO	
72	66 13C6-PFDA	519.1 > 473.7	50822.090	50822.090	1.00	5.07	12.500	12.5	100.0		NO	
73	67 13C7-PFUDa	570.1 > 524.8	56031.434	56031.434	1.00	5.40	12.500	12.5	100.0		NO	

Dataset: Untitled

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 14:37:22
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 180825M1_1	IPA	25-Aug-18	13:32:22
2	2 180825M1_2	ST180825M1-1 PFC CS-2 18H2102	25-Aug-18	13:42:57
3	3 180825M1_3	ST180825M1-2 PFC CS-1 18H2103	25-Aug-18	13:53:35
4	4 180825M1_4	ST180825M1-3 PFC CS0 18H2104	25-Aug-18	14:04:14
5	5 180825M1_5	ST180825M1-4 PFC CS1 18H2105	25-Aug-18	14:14:47
6	6 180825M1_6	ST180825M1-5 PFC CS2 18H2106	25-Aug-18	14:25:25
7	7 180825M1_7	ST180825M1-6 PFC CS3 18H2107	25-Aug-18	14:35:59
8	8 180825M1_8	ST180825M1-7 PFC CS4 18H2108	25-Aug-18	14:46:37
9	9 180825M1_9	ST180825M1-8 PFC CS5 18H2109	25-Aug-18	14:57:09
10	10 180825M1_10	ST180825M1-9 PFC CS6 18H2110	25-Aug-18	15:07:47
11	11 180825M1_11	ST180825M1-10 PFC CS7 18H2111	25-Aug-18	15:18:19
12	12 180825M1_12	IPA	25-Aug-18	15:28:58
13	13 180825M1_13	ICV180825M1-1 PFC 537 ICV 18H2112	25-Aug-18	15:39:31
14	14 180825M1_14	1802221-01 REEPDW1228 0.12094	25-Aug-18	15:50:33
15	15 180825M1_15	1802221-02 REEPDW1232 0.1198	25-Aug-18	16:01:06
16	16 180825M1_16	1802266-01 REEPDW1233 0.1198	25-Aug-18	16:11:44
17	17 180825M1_17	1802253-08 GW1808011555JTM 0.247...	25-Aug-18	16:22:17
18	18 180825M1_18	1802253-12 GW1808021200JTM 0.255...	25-Aug-18	16:32:55
19	19 180825M1_19	1802151-01@5x TA-SB-59 (2-3)-EPA 1....	25-Aug-18	16:43:27
20	20 180825M1_20	1802253-06@10x GW1808011525SK 0...	25-Aug-18	16:54:05
21	21 180825M1_21	1802253-07@10x GW1808011555SK 0...	25-Aug-18	17:04:38
22	22 180825M1_22	1802253-09@10x GW1808021000JTM ...	25-Aug-18	17:15:16
23	23 180825M1_23	1802253-10@10x GW1808021010SK 0...	25-Aug-18	17:25:50
24	24 180825M1_24	IPA	25-Aug-18	17:36:28
25	25 180825M1_25	ST180825M1-11 PFC CS3 18H2107	25-Aug-18	17:47:02
26	26 180825M1_26	1802253-11@10x GW1808021110SK 0...	25-Aug-18	17:57:40
27	27 180825M1_27	1802253-13@20x GW1808021305SK 0...	25-Aug-18	18:08:13
28	28 180825M1_28	B8H0014-BS1 OPR 0.25	25-Aug-18	18:18:51
29	29 180825M1_29	B8H0014-BLK1 Method Blank 0.25	25-Aug-18	18:29:29
30	30 180825M1_30	B8H0014-MS1 Matrix Spike 0.25251	25-Aug-18	18:40:02
31	31 180825M1_31	B8H0014-MSD1 Matrix Spike Dup 0.2563	25-Aug-18	18:50:40
32	32 180825M1_32	1802094-01 FC-MW025R1-20180726 0...	25-Aug-18	19:01:19

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	33 180825M1_33	1802094-02 SA-PZ163I-20180726 0.24...	25-Aug-18	19:11:52
34	34 180825M1_34	1802094-03 SA-PZ181I-20180726 0.25...	25-Aug-18	19:22:31
35	35 180825M1_35	1802094-04 SA-PZ182I-20180726 0.24...	25-Aug-18	19:33:04
36	36 180825M1_36	1802094-05 SA-PZ145I-20180726 0.25...	25-Aug-18	19:43:42
37	37 180825M1_37	1802094-06 SA-PZ145D-20180726 0.2...	25-Aug-18	19:54:15
38	38 180825M1_38	1802094-07 SA-MW128I-20180726 0.253	25-Aug-18	20:04:53
39	39 180825M1_39	1802094-08 SA-PZ144I-20180726 0.26...	25-Aug-18	20:15:26
40	40 180825M1_40	IPA	25-Aug-18	20:26:05
41	41 180825M1_41	ST180825M1-12 PFC CS3 18H2107	25-Aug-18	20:36:37
42	42 180825M1_42	1802094-09 SA-PZ144S-20180726 0.2...	25-Aug-18	20:47:16
43	43 180825M1_43	1802094-10 SA-PZ171I-20180727 0.25...	25-Aug-18	20:57:48
44	44 180825M1_44	1802094-11 SA-SW201-20180727 0.10...	25-Aug-18	21:08:27
45	45 180825M1_45	1802094-12 SA-SW204-20180727 0.10...	25-Aug-18	21:19:05
46	46 180825M1_46	1802094-13 SA-SW301-20180727 0.10...	25-Aug-18	21:29:38
47	47 180825M1_47	1802094-14 EB01-072618 0.11489	25-Aug-18	21:40:09
48	48 180825M1_48	1802094-15 FRB01-072618 0.11916	25-Aug-18	21:50:47
49	49 180825M1_49	1802094-16 GW01-072618 0.25129	25-Aug-18	22:01:21
50	50 180825M1_50	1802094-17 SA-DUP-01-20180726 0.2...	25-Aug-18	22:11:59
51	51 180825M1_51	1802094-18 EB02-072718 0.11695	25-Aug-18	22:22:37
52	52 180825M1_52	1802094-19 FRB02-072718 0.11299	25-Aug-18	22:33:11
53	53 180825M1_53	B8H0064-BS1 OPR 0.25	25-Aug-18	22:43:49
54	54 180825M1_54	B8H0064-BLK1 Method Blank 0.25	25-Aug-18	22:54:22
55	55 180825M1_55	B8H0064-MS1 Matrix Spike 0.25286	25-Aug-18	23:05:01
56	56 180825M1_56	B8H0064-MSD1 Matrix Spike Dup 0.249...	25-Aug-18	23:15:33
57	57 180825M1_57	1802154-01RE1 WE13-GW-TANK1-ID...	25-Aug-18	23:26:12
58	58 180825M1_58	1802154-02RE1 WE13-GW-TANK2-ID...	25-Aug-18	23:36:50
59	59 180825M1_59	1802154-03RE1 EB03-WE13-GW-IDW...	25-Aug-18	23:47:23
60	60 180825M1_60	1802155-01RE1 FRB03-WE13-GW-ID...	25-Aug-18	23:58:01
61	61 180825M1_61	IPA	26-Aug-18	00:08:34
62	62 180825M1_62	ST180825M1-13 PFC CS3 18H2107	26-Aug-18	00:19:12
63	63 180825M1_63	ST180825M1-14 PFC CS0 18H2104	26-Aug-18	00:29:46
64	64 180825M1_64	1802168-01RE1 SW-DP02-20180730 0...	26-Aug-18	00:40:24
65	65 180825M1_65	1802168-02RE1 SW-DP01-20180730 0...	26-Aug-18	00:50:56
66	66 180825M1_66	1802168-03RE1 FRB04-073018 0.11884	26-Aug-18	01:01:35
67	67 180825M1_67	1802168-04RE1 EB-073018 0.12041	26-Aug-18	01:12:13
68	68 180825M1_68	1802168-05RE1 GW01-20180730 0.25...	26-Aug-18	01:22:46

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
69	69 180825M1_69	1802168-06RE1 FT-PZ458I-20180730 ...	26-Aug-18	01:33:24
70	70 180825M1_70	1802168-07RE1 FT-PZ460I-20180730 ...	26-Aug-18	01:43:56
71	71 180825M1_71	1802168-08RE1 FT-PZ461I-20180730 ...	26-Aug-18	01:54:35
72	72 180825M1_72	1802168-09RE1 FT-PZ463I-20180730 ...	26-Aug-18	02:05:13
73	73 180825M1_73	1802168-10RE1 FT-PZ464I-20180730 ...	26-Aug-18	02:15:45
74	74 180825M1_74	1802168-11RE1 FT-PZ464S-20180730 ...	26-Aug-18	02:26:24
75	75 180825M1_75	1802168-12RE1 FRB05-073118 0.11967	26-Aug-18	02:36:56
76	76 180825M1_76	1802168-13RE1 EB05-073118 0.11727	26-Aug-18	02:47:34
77	77 180825M1_77	IPA	26-Aug-18	02:58:07
78	78 180825M1_78	ST180825M1-15 PFC CS3 18H2107	26-Aug-18	03:08:45
79	79 180825M1_79	1802168-14RE1 FT-GA10-20180731 0....	26-Aug-18	03:19:17
80	80 180825M1_80	1802168-15RE1 FT-GA12-20180731 0....	26-Aug-18	03:29:56
81	81 180825M1_81	1802168-16RE1 FT-GA13-20180731 0....	26-Aug-18	03:40:28
82	82 180825M1_82	B8H0083-BS1 OPR 0.125	26-Aug-18	03:51:07
83	83 180825M1_83	B8H0083-BLK1 Method Blank 0.125	26-Aug-18	04:01:40
84	84 180825M1_84	B8H0083-MS1 Matrix Spike 0.11621	26-Aug-18	04:12:18
85	85 180825M1_85	B8H0083-MSD1 Matrix Spike Dup 0.116...	26-Aug-18	04:22:50
86	86 180825M1_86	1802364-01 REEPDW1234 0.12045	26-Aug-18	04:33:29
87	87 180825M1_87	1802364-02 REEPDW1235 0.11304	26-Aug-18	04:44:02
88	88 180825M1_88	1802364-03 REEPDW1236 0.11917	26-Aug-18	04:54:40
89	89 180825M1_89	1802364-04 REEPDW1237 0.11638	26-Aug-18	05:05:13
90	90 180825M1_90	1802364-05 REEPDW1238 0.1166	26-Aug-18	05:15:52
91	91 180825M1_91	1802365-01 REEPDW1234FRB 0.11762	26-Aug-18	05:26:30
92	92 180825M1_92	1802365-02 REEPDW1235FRB 0.12024	26-Aug-18	05:37:03
93	93 180825M1_93	1802365-03 REEPDW1236FRB 0.12013	26-Aug-18	05:47:42
94	94 180825M1_94	1802365-04 REEPDW1237FRB 0.12044	26-Aug-18	05:58:20
95	95 180825M1_95	1802365-05 REEPDW1238FRB 0.11404	26-Aug-18	06:08:53
96	96 180825M1_96	1802366-01 REEPDW1239 0.12	26-Aug-18	06:19:32
97	97 180825M1_97	1802366-02 REEPDW1240 0.12053	26-Aug-18	06:30:05
98	98 180825M1_98	IPA	26-Aug-18	06:40:44
99	99 180825M1_99	ST180825M1-16 PFC CS3 18H2107	26-Aug-18	06:51:16
100	1... 180825M1_100	1802366-03 REEPDW573 0.11989	26-Aug-18	07:01:54
101	1... 180825M1_101	1802367-01 REEPDW1239FRB 0.11812	26-Aug-18	07:12:26
102	1... 180825M1_102	1802367-02 REEPDW1240FRB 0.11881	26-Aug-18	07:23:05
103	1... 180825M1_103	B8H0113-BS1 OPR 0.125	26-Aug-18	07:33:38
104	1... 180825M1_104	B8H0113-BS1 LCS D 0.125	26-Aug-18	07:44:16

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
105	1... 180825M1_105	B8H0113-BLK1 Method Blank 0.125	26-Aug-18	07:54:48
106	1... 180825M1_106	1802414-01 REEPDW1241 0.11509	26-Aug-18	08:05:27
107	1... 180825M1_107	1802414-02 REEPDW1242 0.11982	26-Aug-18	08:16:00
108	1... 180825M1_108	1802414-03 REEPDW1243 0.11649	26-Aug-18	08:26:38
109	1... 180825M1_109	1802414-04 REEPDW1244 0.11739	26-Aug-18	08:37:10
110	1... 180825M1_110	1802415-01 REEPDW1241FRB 0.12082	26-Aug-18	08:47:49
111	1... 180825M1_111	1802415-02 REEPDW1242FRB 0.12025	26-Aug-18	08:58:22
112	1... 180825M1_112	1802415-03 REEPDW1243FRB 0.12165	26-Aug-18	09:09:00
113	1... 180825M1_113	1802415-04 REEPDW1244FRB 0.1186	26-Aug-18	09:19:32
114	1... 180825M1_114	1802416-01 REEPDW1245 0.11966	26-Aug-18	09:30:11
115	1... 180825M1_115	1802417-01 REEPDW1245FRB 0.12092	26-Aug-18	09:40:44
116	1... 180825M1_116	IPA	26-Aug-18	09:51:22
117	1... 180825M1_117	ST180825M1-17 PFC CS3 18H2107	26-Aug-18	10:02:00

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-25.qld

Last Altered: Sunday, August 26, 2018 14:55:05 Pacific Daylight Time

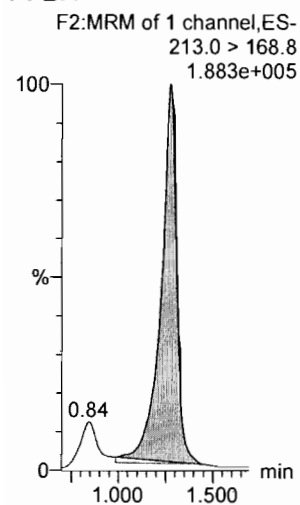
Printed: Sunday, August 26, 2018 14:55:20 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 14:37:22

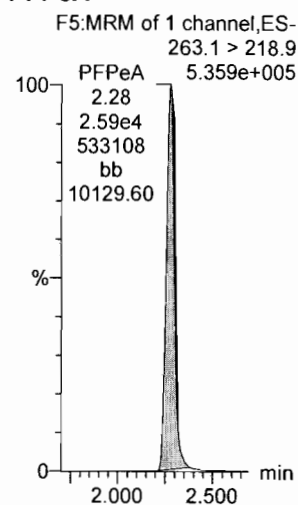
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Name: 180825M1_25, Date: 25-Aug-2018, Time: 17:47:02, ID: ST180825M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

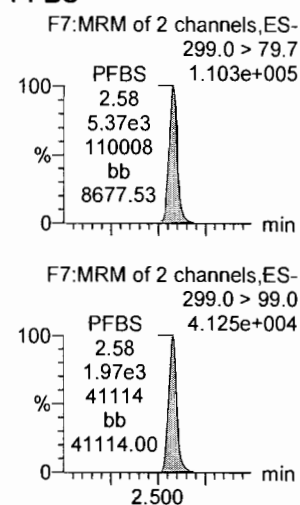
PFBA



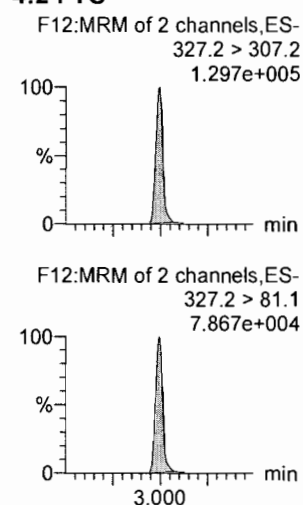
PFPeA



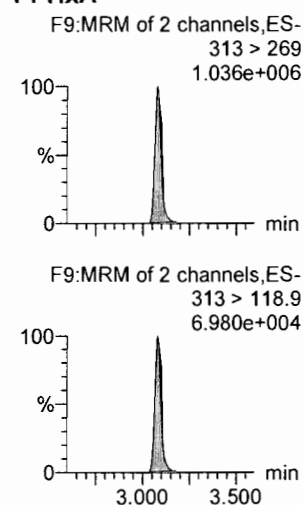
PFBS



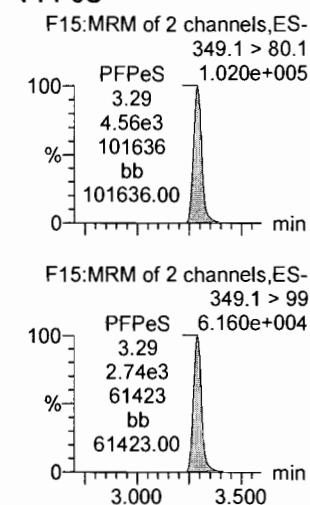
4:2 FTS



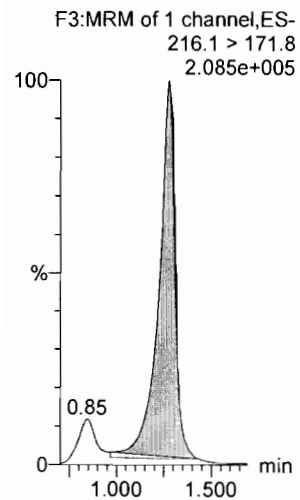
PFHxA



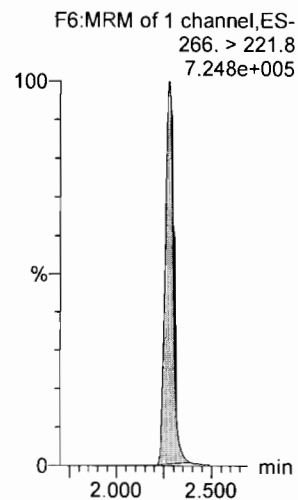
PFPeS



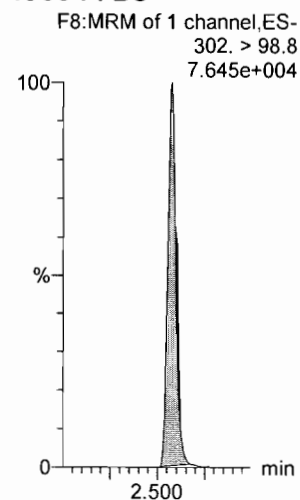
13C3-PFBA



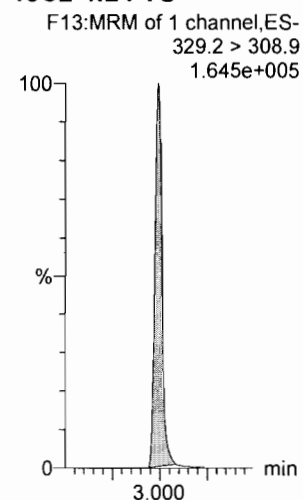
13C3-PFPeA



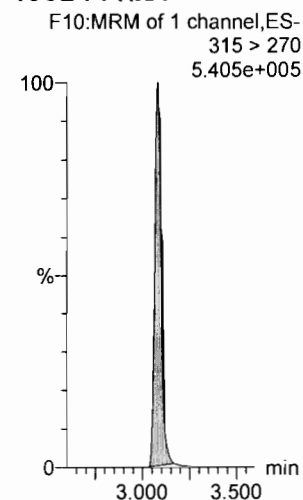
13C3-PFBS



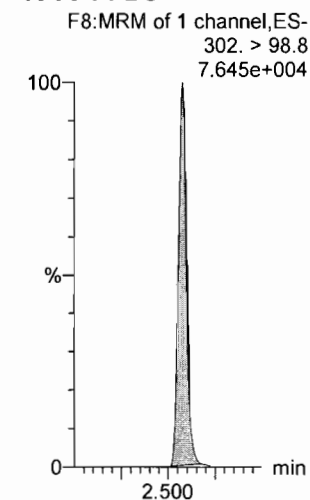
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



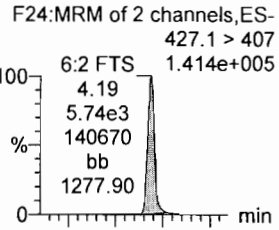
Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-25.qld

Last Altered: Sunday, August 26, 2018 14:55:05 Pacific Daylight Time

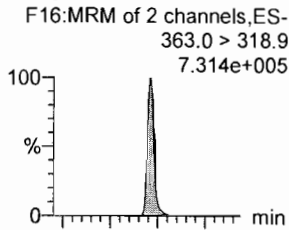
Printed: Sunday, August 26, 2018 14:55:20 Pacific Daylight Time

Name: 180825M1_25, Date: 25-Aug-2018, Time: 17:47:02, ID: ST180825M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

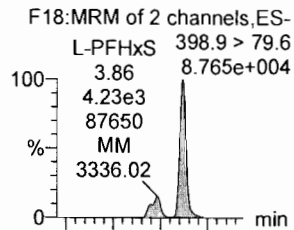
6:2 FTS



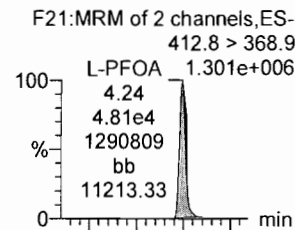
PFHpA



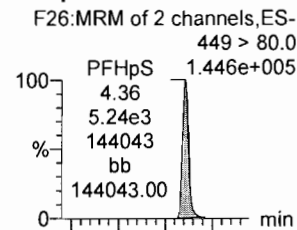
L-PFHxS



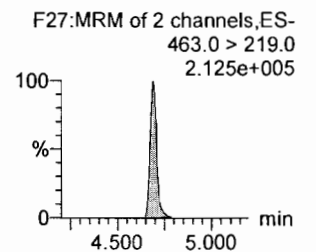
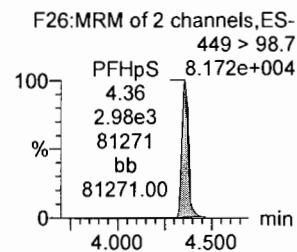
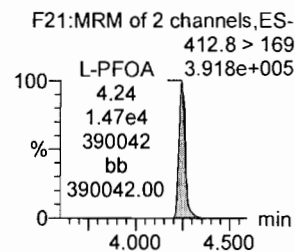
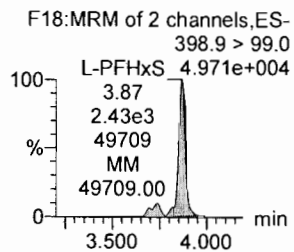
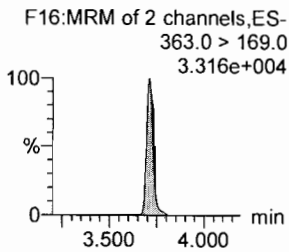
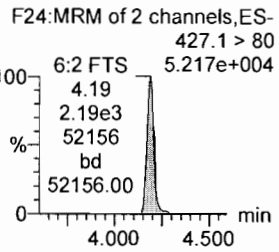
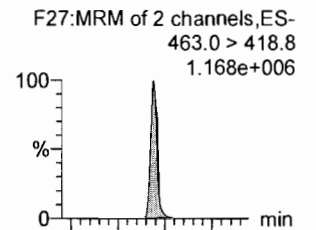
L-PFOA



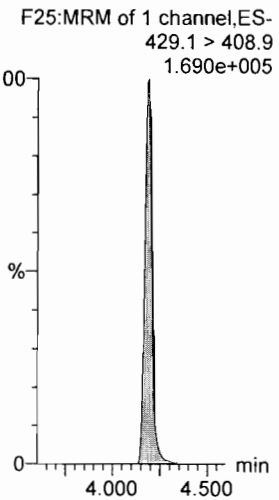
PFHpS



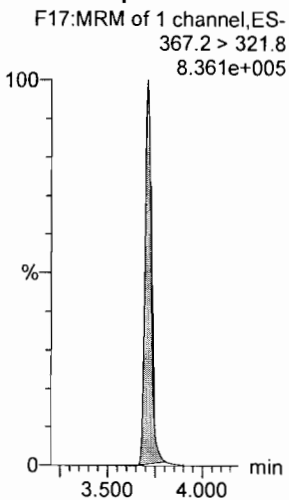
PFNA



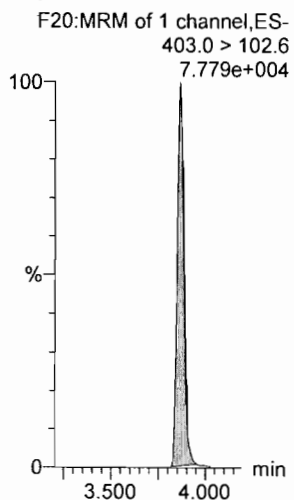
13C2-6:2 FTS



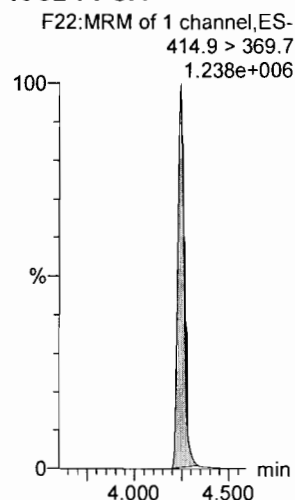
13C4-PFHpA



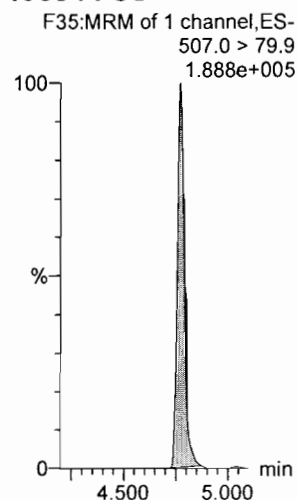
18O2-PFHxS



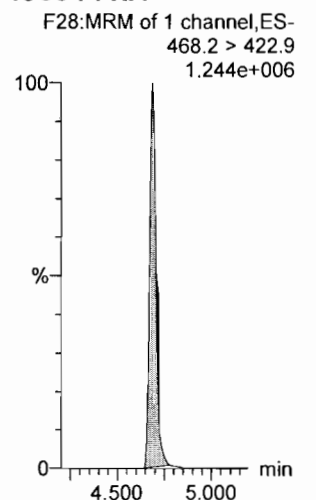
13C2-PFOA



13C8-PFOS



13C5-PFNA



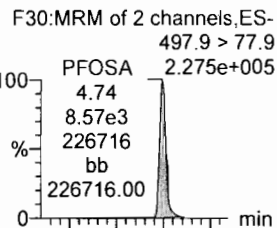
Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-25.qld

Last Altered: Sunday, August 26, 2018 14:55:05 Pacific Daylight Time

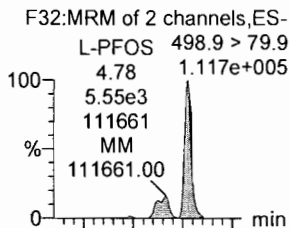
Printed: Sunday, August 26, 2018 14:55:20 Pacific Daylight Time

Name: 180825M1_25, Date: 25-Aug-2018, Time: 17:47:02, ID: ST180825M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

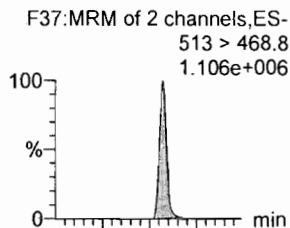
PFOSA



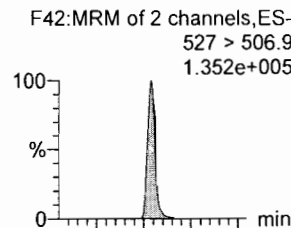
L-PFOS



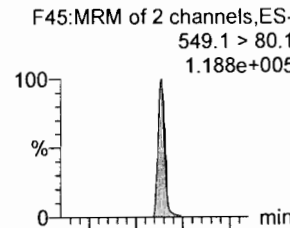
PFDA



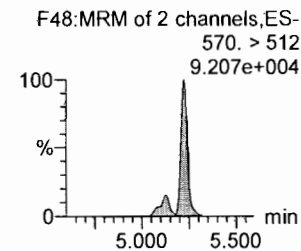
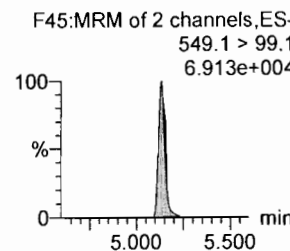
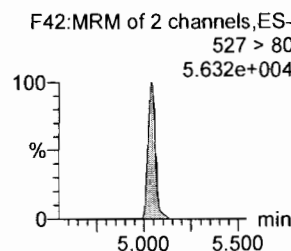
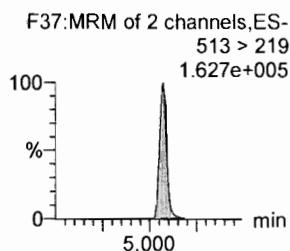
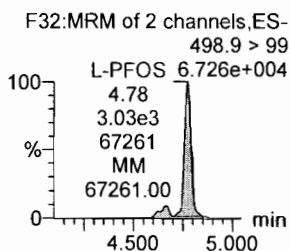
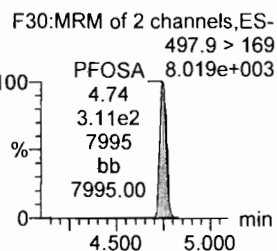
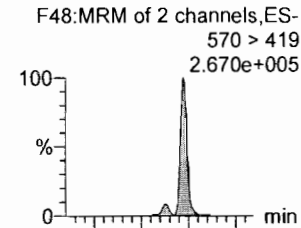
8:2 FTS



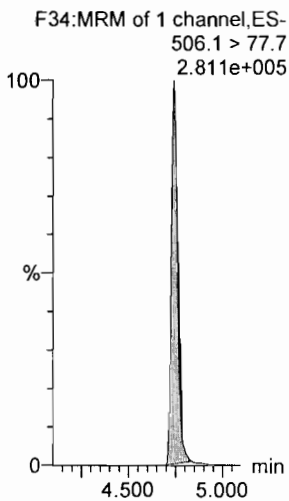
PFNS



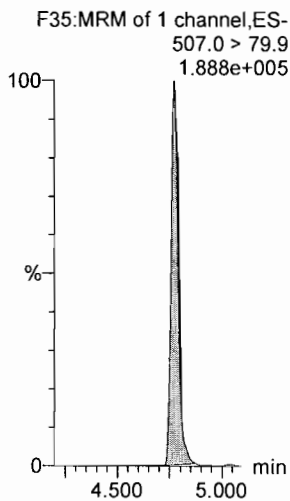
L-MeFOSAA



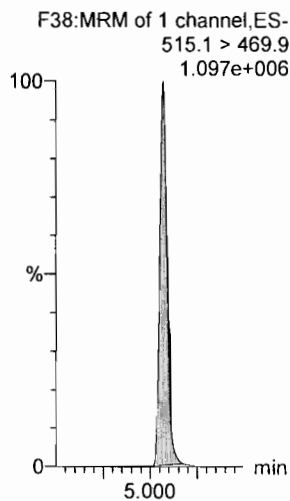
13C8-PFOSA



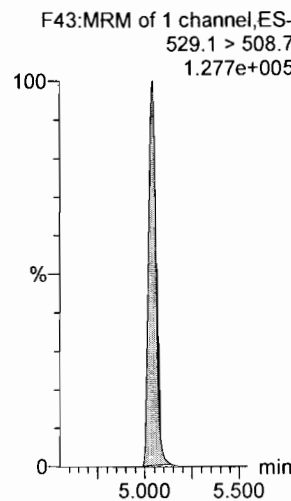
13C8-PFOS



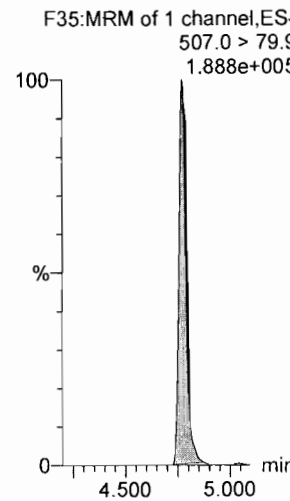
13C2-PFDA



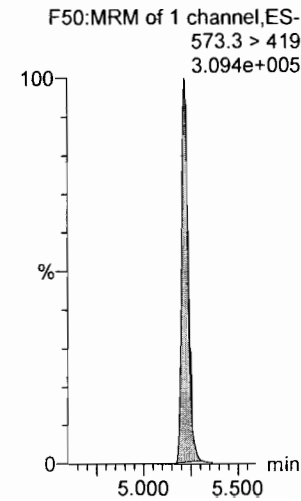
13C2-8:2 FTS



13C8-PFOS



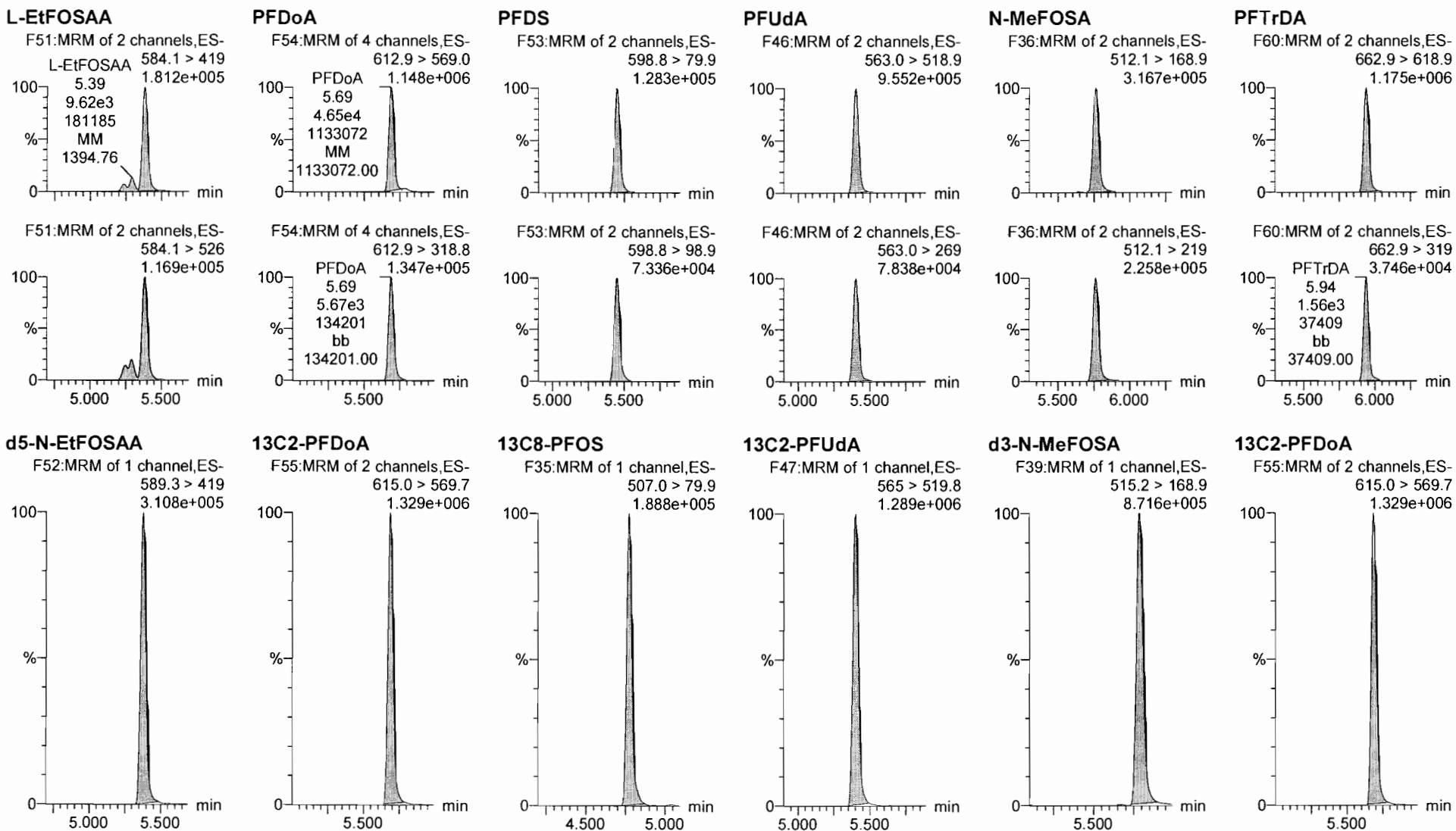
d3-N-MeFOSAA



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-25.qld

Last Altered: Sunday, August 26, 2018 14:55:05 Pacific Daylight Time
Printed: Sunday, August 26, 2018 14:55:20 Pacific Daylight Time

Name: 180825M1_25, Date: 25-Aug-2018, Time: 17:47:02, ID: ST180825M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

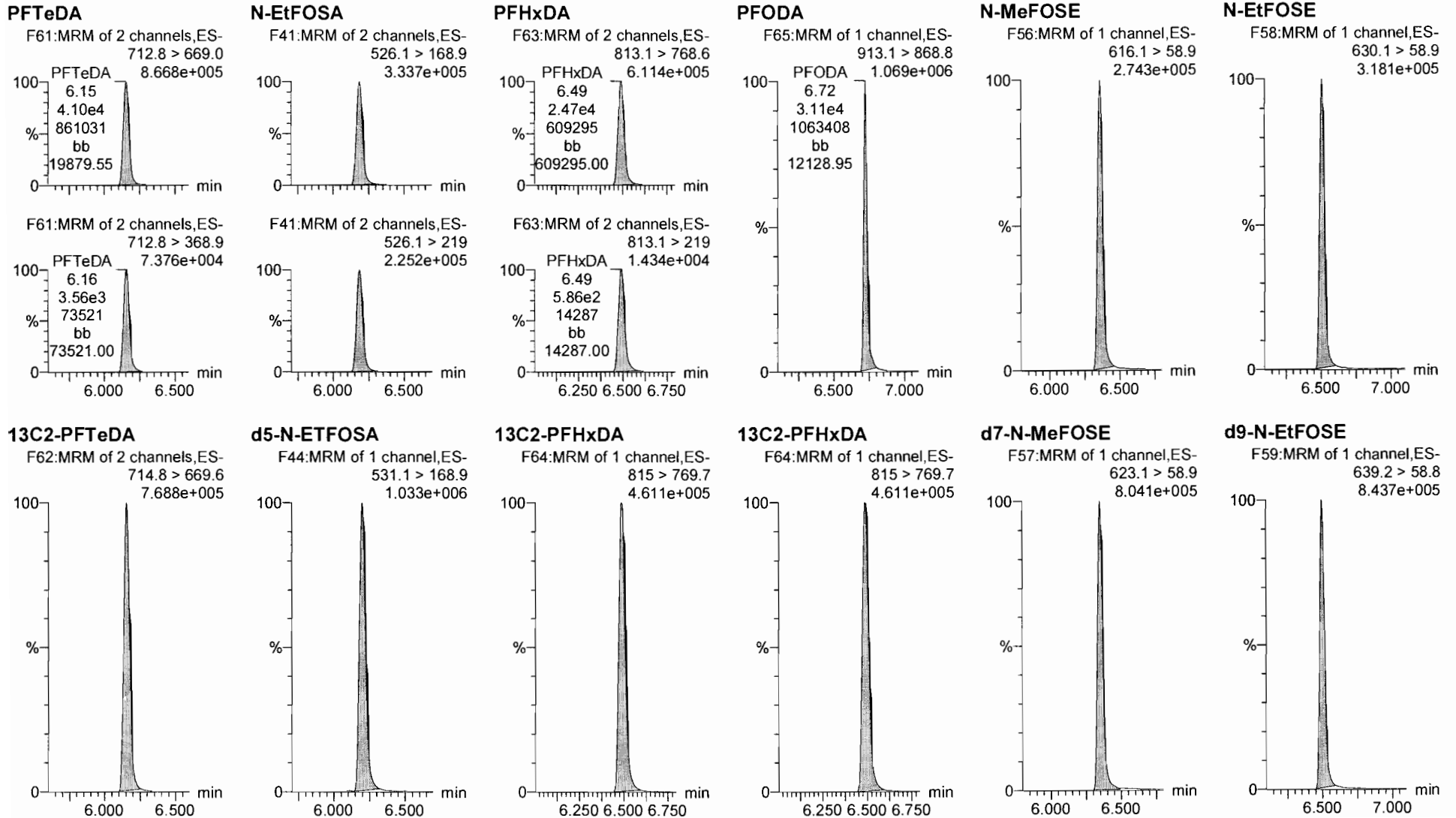


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Last Altered: Sunday, August 26, 2018 14:55:05 Pacific Daylight Time

Printed: Sunday, August 26, 2018 14:55:20 Pacific Daylight Time

Name: 180825M1_25, Date: 25-Aug-2018, Time: 17:47:02, ID: ST180825M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-25.qld

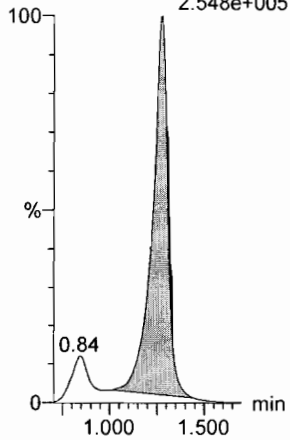
Last Altered: Sunday, August 26, 2018 14:55:05 Pacific Daylight Time

Printed: Sunday, August 26, 2018 14:55:20 Pacific Daylight Time

Name: 180825M1_25, Date: 25-Aug-2018, Time: 17:47:02, ID: ST180825M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

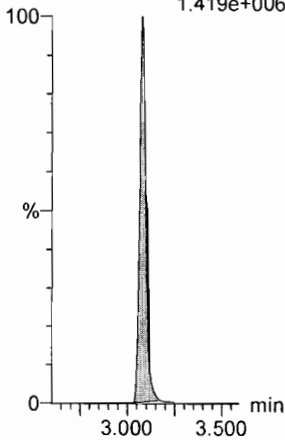
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
2.548e+005



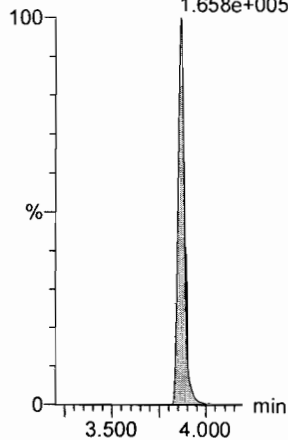
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
1.419e+006



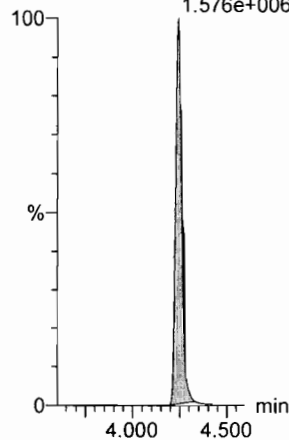
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.658e+005



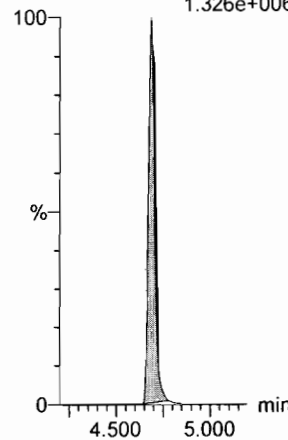
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
1.576e+006



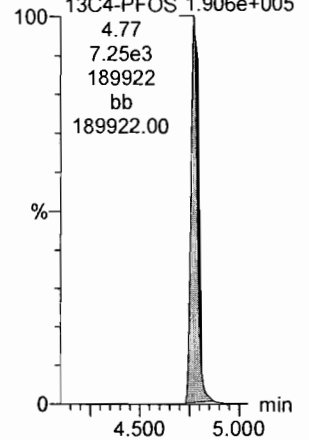
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.326e+006



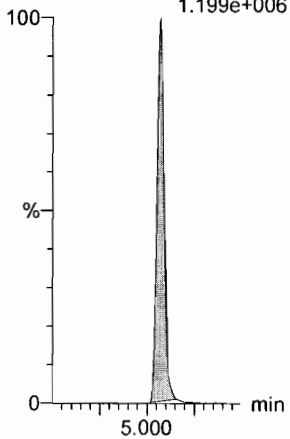
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.906e+005



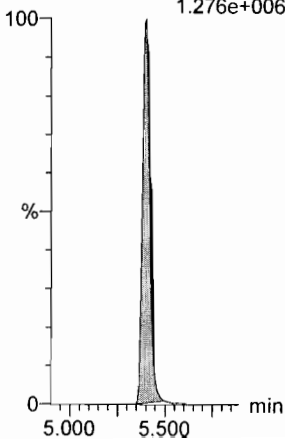
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.199e+006



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
1.276e+006



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-41.qld

Last Altered: Sunday, August 26, 2018 14:53:03 Pacific Daylight Time

Printed: Sunday, August 26, 2018 14:53:13 Pacific Daylight Time

GRB 8/27/18

Name: 180825M1_41, Date: 25-Aug-2018, Time: 20:36:37, ID: ST180825M1-12 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	18584.441	21395.893	1.00	1.27	10.857	9.4	93.8	NO		
2	2 PFPeA	263.1 > 218.9	27652.148	36507.137	1.00	2.28	9.468	9.9	99.0	NO		
3	3 PFBS	299.0 > 79.7	5797.156	3767.878	1.00	2.57	19.232	9.7	96.6	NO	2.825	NO
4	4 4:2 FTS	327.2>307.2	5695.279	7334.036	1.00	2.99	9.707	10.2	102.4	NO	1.722	NO
5	5 PFHxA	313 > 269	40933.230	21800.963	1.00	3.08	9.388	10.0	99.7	NO	15.065	NO
6	6 PFPeS	349.1>80.1	5016.445	3767.878	1.00	3.29	16.642	9.9	99.4	NO	1.708	NO
7	36 13C3-PFBA	216.1 > 171.8	21395.893	26327.094	1.00	1.27	10.159	12.3	98.3	NO		
8	37 13C3-PFPeA	266. > 221.8	36507.137	58097.230	1.00	2.27	7.855	12.3	98.2	NO		
9	38 13C3-PFBS	302. > 98.8	3767.878	58097.230	1.00	2.57	0.811	12.4	99.6	NO		
10	39 13C2-4:2 FTS	329.2>308.9	7334.036	58097.230	1.00	2.99	1.578	11.3	90.2	NO		
11	40 13C2-PFHxA	315 > 270	21800.963	58097.230	1.00	3.08	4.691	4.8	97.0	NO		
12	38 13C3-PFBS	302. > 98.8	3767.878	58097.230	1.00	2.57	0.811	12.4	99.6	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	6263.566	7585.579	1.00	4.18	10.322	10.3	103.3	NO	3.043	NO
15	7 PFHpA	363.0 > 318.9	30059.539	33780.121	1.00	3.70	11.123	9.5	95.0	NO	24.271	NO
16	8 L-PFHxS	398.9 > 79.6	4402.933	3152.758	1.00	3.86	17.457	10.1	101.0	NO	1.751	NO
17	11 L-PFOA	412.8 > 368.9	48988.926	50145.359	1.00	4.24	12.212	9.8	98.5	NO	3.280	NO
18	13 PFHpS	449 > 80.0	5573.360	7613.577	1.00	4.35	9.150	10.8	108.2	NO	1.756	NO
19	14 PFNA	463.0 > 418.8	49160.641	51218.027	1.00	4.68	11.998	10.0	100.4	NO	5.662	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	7585.579	61280.457	1.00	4.18	1.547	11.6	92.6	NO		
21	41 13C4-PFHpA	367.2 > 321.8	33780.121	58097.230	1.00	3.70	7.268	12.4	99.3	NO		
22	42 18O2-PFHxS	403.0 > 102.6	3152.758	6904.630	1.00	3.86	5.708	11.0	88.3	NO		
23	44 13C2-PFOA	414.9 > 369.7	50145.359	61280.457	1.00	4.24	10.229	11.9	94.9	NO		
24	47 13C8-PFOS	507.0 > 79.9	7613.577	7472.268	1.00	4.77	12.736	12.0	95.9	NO		
25	45 13C5-PFNA	468.2 > 422.9	51218.027	54615.766	1.00	4.68	11.722	12.2	97.7	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	8879.618	11033.470	1.00	4.74	10.060	9.6	95.7	NO	28.895	NO
28	16 L-PFOS	498.9 > 79.9	5816.393	7613.577	1.00	4.77	9.549	9.8	98.1	NO	1.795	NO
29	18 PFDA	513 > 468.8	49098.695	51206.254	1.00	5.07	11.986	9.8	97.6	NO	6.452	NO
30	19 8:2 FTS	527 > 506.9	6060.207	5906.195	1.00	5.04	12.826	9.4	93.5	NO	2.442	NO
31	20 PFNS	549.1 > 80.1	5225.059	7613.577	1.00	5.13	8.579	11.1	111.4	NO	1.705	NO
32	21 L-MeFOSAA	570 > 419	12583.911	12608.433	1.00	5.22	12.476	9.7	97.3	NO	2.659	NO
33	46 13C8-PFOA	506.1 > 77.7	11033.470	58059.926	1.00	4.74	2.375	12.1	97.1	NO		
34	47 13C8-PFOS	507.0 > 79.9	7613.577	7472.268	1.00	4.77	12.736	12.0	95.9	NO		

DM 8/26/18

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-41.qld

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Name: 180825M1_41, Date: 25-Aug-2018, Time: 20:36:37, ID: ST180825M1-12 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc	%Rec	Recovery ...	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	51206.254	55434.770	1.00	5.07	11.547	12.2	97.9	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	5906.195	61280.457	1.00	5.04	1.205	11.5	91.9	NO		
37	47 13C8-PFOS	507.0 > 79.9	7613.577	7472.268	1.00	4.77	12.736	12.0	95.9	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	12608.433	58059.926	1.00	5.22	2.715	12.0	95.8	NO		
39	-1											
40	23 L-EiFOSAA	584.1 > 419	10573.252	13848.154	1.00	5.38	9.544	9.8	98.1	NO	1.545	NO
41	27 PFDoA	612.9 > 569.0	49264.277	58506.953	1.00	5.69	10.525	9.6	96.1	NO	7.991	NO
42	26 PFDS	598.8 > 79.9	5986.219	7613.577	1.00	5.45	9.828	10.6	106.4	NO	1.600	NO
43	25 PFUdA	563.0 > 518.9	43219.672	58632.914	1.00	5.40	9.214	9.7	97.3	NO	12.785	NO
44	28 N-MeFOSA	512.1 > 168.9	15817.277	44731.328	1.00	5.76	53.041	53.0	105.9	NO	1.475	NO
45	29 PFTrDA	662.9 > 618.9	52929.594	58506.953	1.00	5.93	11.308	9.9	99.2	NO	33.750	NO
46	52 d5-N-EiFOSAA	589.3 > 419	13848.154	58059.926	1.00	5.37	2.981	12.1	96.8	NO		
47	53 13C2-PFDoA	615.0 > 569.7	58506.953	55434.770	1.00	5.69	13.193	11.5	92.4	NO		
48	47 13C8-PFOS	507.0 > 79.9	7613.577	7472.268	1.00	4.77	12.736	12.0	95.9	NO		
49	51 13C2-PFUdA	565 > 519.8	58632.914	58059.926	1.00	5.40	12.623	12.5	100.2	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	44731.328	58059.926	1.00	5.78	9.630	144.8	96.5	NO		
51	53 13C2-PFDoA	615.0 > 569.7	58506.953	55434.770	1.00	5.69	13.193	11.5	92.4	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	42430.438	41397.457	1.00	6.15	12.812	9.8	98.2	NO	11.707	NO
54	31 N-EiFOSA	526.1 > 168.9	17004.670	54093.691	1.00	6.18	47.153	50.2	100.4	NO	1.470	NO
55	32 PFHxDA	813.1 > 768.6	26500.816	19800.355	1.00	6.49	6.692	10.1	101.1	NO	36.896	NO
56	33 PFODA	913.1 > 868.8	31957.594	19800.355	1.00	6.72	8.070	9.7	97.5	NO		
57	34 N-MeFOSE	616.1 > 58.9	11759.439	35764.176	1.00	6.36	49.321	50.4	100.8	NO		
58	35 N-EiFOSE	630.1 > 58.9	13657.448	35465.730	1.00	6.51	57.763	52.4	104.8	NO		
59	55 13C2-PFTeDA	714.8 > 669.6	41397.457	58059.926	1.00	6.15	8.913	12.3	98.6	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	54093.691	58059.926	1.00	6.20	11.646	142.8	95.2	NO		
61	57 13C2-PFHxDA	815 > 769.7	19800.355	58059.926	1.00	6.49	4.263	4.6	92.8	NO		
62	57 13C2-PFHxDA	815 > 769.7	19800.355	58059.926	1.00	6.49	4.263	4.6	92.8	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	35764.176	58059.926	1.00	6.35	7.700	142.6	95.1	NO		
64	59 d9-N-EiFOSE	639.2 > 58.8	35465.730	58059.926	1.00	6.50	7.636	142.3	94.9	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	26327.094	26327.094	1.00	1.27	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	58097.230	58097.230	1.00	3.07	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	6904.630	6904.630	1.00	3.86	12.500	12.5	100.0	NO		

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Name: 180825M1_41, Date: 25-Aug-2018, Time: 20:36:37, ID: ST180825M1-12 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	61280.457	61280.457	1.00	4.24	12.500	12.5	100.0		NO	
70	64 13C9-PFNA	472.2 > 426.9	54615.766	54615.766	1.00	4.68	12.500	12.5	100.0		NO	
71	65 13C4-PFOS	503 > 79.9	7472.268	7472.268	1.00	4.77	12.500	12.5	100.0		NO	
72	66 13C6-PFDA	519.1 > 473.7	55434.770	55434.770	1.00	5.07	12.500	12.5	100.0		NO	
73	67 13C7-PFUdA	570.1 > 524.8	58059.926	58059.926	1.00	5.40	12.500	12.5	100.0		NO	

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 14:37:22

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 180825M1_1	IPA	25-Aug-18	13:32:22
2	2 180825M1_2	ST180825M1-1 PFC CS-2 18H2102	25-Aug-18	13:42:57
3	3 180825M1_3	ST180825M1-2 PFC CS-1 18H2103	25-Aug-18	13:53:35
4	4 180825M1_4	ST180825M1-3 PFC CS0 18H2104	25-Aug-18	14:04:14
5	5 180825M1_5	ST180825M1-4 PFC CS1 18H2105	25-Aug-18	14:14:47
6	6 180825M1_6	ST180825M1-5 PFC CS2 18H2106	25-Aug-18	14:25:25
7	7 180825M1_7	ST180825M1-6 PFC CS3 18H2107	25-Aug-18	14:35:59
8	8 180825M1_8	ST180825M1-7 PFC CS4 18H2108	25-Aug-18	14:46:37
9	9 180825M1_9	ST180825M1-8 PFC CS5 18H2109	25-Aug-18	14:57:09
10	10 180825M1_10	ST180825M1-9 PFC CS6 18H2110	25-Aug-18	15:07:47
11	11 180825M1_11	ST180825M1-10 PFC CS7 18H2111	25-Aug-18	15:18:19
12	12 180825M1_12	IPA	25-Aug-18	15:28:58
13	13 180825M1_13	ICV180825M1-1 PFC 537 ICV 18H2112	25-Aug-18	15:39:31
14	14 180825M1_14	1802221-01 REEPDW1228 0.12094	25-Aug-18	15:50:33
15	15 180825M1_15	1802221-02 REEPDW1232 0.1198	25-Aug-18	16:01:06
16	16 180825M1_16	1802266-01 REEPDW1233 0.1198	25-Aug-18	16:11:44
17	17 180825M1_17	1802253-08 GW1808011555JTM 0.247...	25-Aug-18	16:22:17
18	18 180825M1_18	1802253-12 GW1808021200JTM 0.255...	25-Aug-18	16:32:55
19	19 180825M1_19	1802151-01@5x TA-SB-59 (2-3)-EPA 1....	25-Aug-18	16:43:27
20	20 180825M1_20	1802253-06@10x GW1808011525SK 0...	25-Aug-18	16:54:05
21	21 180825M1_21	1802253-07@10x GW1808011555SK 0...	25-Aug-18	17:04:38
22	22 180825M1_22	1802253-09@10x GW1808021000JTM ...	25-Aug-18	17:15:16
23	23 180825M1_23	1802253-10@10x GW1808021010SK 0...	25-Aug-18	17:25:50
24	24 180825M1_24	IPA	25-Aug-18	17:36:28
25	25 180825M1_25	ST180825M1-11 PFC CS3 18H2107	25-Aug-18	17:47:02
26	26 180825M1_26	1802253-11@10x GW1808021110SK 0...	25-Aug-18	17:57:40
27	27 180825M1_27	1802253-13@20x GW1808021305SK 0...	25-Aug-18	18:08:13
28	28 180825M1_28	B8H0014-BS1 OPR 0.25	25-Aug-18	18:18:51
29	29 180825M1_29	B8H0014-BLK1 Method Blank 0.25	25-Aug-18	18:29:29
30	30 180825M1_30	B8H0014-MS1 Matrix Spike 0.25251	25-Aug-18	18:40:02
31	31 180825M1_31	B8H0014-MSD1 Matrix Spike Dup 0.2563	25-Aug-18	18:50:40
32	32 180825M1_32	1802094-01 FC-MW025R1-20180726 0...	25-Aug-18	19:01:19

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	33 180825M1_33	1802094-02 SA-PZ163I-20180726 0.24...	25-Aug-18	19:11:52
34	34 180825M1_34	1802094-03 SA-PZ181I-20180726 0.25...	25-Aug-18	19:22:31
35	35 180825M1_35	1802094-04 SA-PZ182I-20180726 0.24...	25-Aug-18	19:33:04
36	36 180825M1_36	1802094-05 SA-PZ145I-20180726 0.25...	25-Aug-18	19:43:42
37	37 180825M1_37	1802094-06 SA-PZ145D-20180726 0.2...	25-Aug-18	19:54:15
38	38 180825M1_38	1802094-07 SA-MW128I-20180726 0.253	25-Aug-18	20:04:53
39	39 180825M1_39	1802094-08 SA-PZ144I-20180726 0.26...	25-Aug-18	20:15:26
40	40 180825M1_40	IPA	25-Aug-18	20:26:05
41	41 180825M1_41	ST180825M1-12 PFC CS3 18H2107	25-Aug-18	20:36:37
42	42 180825M1_42	1802094-09 SA-PZ144S-20180726 0.2...	25-Aug-18	20:47:16
43	43 180825M1_43	1802094-10 SA-PZ171I-20180727 0.25...	25-Aug-18	20:57:48
44	44 180825M1_44	1802094-11 SA-SW201-20180727 0.10...	25-Aug-18	21:08:27
45	45 180825M1_45	1802094-12 SA-SW204-20180727 0.10...	25-Aug-18	21:19:05
46	46 180825M1_46	1802094-13 SA-SW301-20180727 0.10...	25-Aug-18	21:29:38
47	47 180825M1_47	1802094-14 EB01-072618 0.11489	25-Aug-18	21:40:09
48	48 180825M1_48	1802094-15 FRB01-072618 0.11916	25-Aug-18	21:50:47
49	49 180825M1_49	1802094-16 GW01-072618 0.25129	25-Aug-18	22:01:21
50	50 180825M1_50	1802094-17 SA-DUP-01-20180726 0.2...	25-Aug-18	22:11:59
51	51 180825M1_51	1802094-18 EB02-072718 0.11695	25-Aug-18	22:22:37
52	52 180825M1_52	1802094-19 FRB02-072718 0.11299	25-Aug-18	22:33:11
53	53 180825M1_53	B8H0064-BS1 OPR 0.25	25-Aug-18	22:43:49
54	54 180825M1_54	B8H0064-BLK1 Method Blank 0.25	25-Aug-18	22:54:22
55	55 180825M1_55	B8H0064-MS1 Matrix Spike 0.25286	25-Aug-18	23:05:01
56	56 180825M1_56	B8H0064-MSD1 Matrix Spike Dup 0.249...	25-Aug-18	23:15:33
57	57 180825M1_57	1802154-01RE1 WE13-GW-TANK1-ID...	25-Aug-18	23:26:12
58	58 180825M1_58	1802154-02RE1 WE13-GW-TANK2-ID...	25-Aug-18	23:36:50
59	59 180825M1_59	1802154-03RE1 EB03-WE13-GW-IDW...	25-Aug-18	23:47:23
60	60 180825M1_60	1802155-01RE1 FRB03-WE13-GW-ID...	25-Aug-18	23:58:01
61	61 180825M1_61	IPA	26-Aug-18	00:08:34
62	62 180825M1_62	ST180825M1-13 PFC CS3 18H2107	26-Aug-18	00:19:12
63	63 180825M1_63	ST180825M1-14 PFC CS0 18H2104	26-Aug-18	00:29:46
64	64 180825M1_64	1802168-01RE1 SW-DP02-20180730 0...	26-Aug-18	00:40:24
65	65 180825M1_65	1802168-02RE1 SW-DP01-20180730 0...	26-Aug-18	00:50:56
66	66 180825M1_66	1802168-03RE1 FRB04-073018 0.11884	26-Aug-18	01:01:35
67	67 180825M1_67	1802168-04RE1 EB-073018 0.12041	26-Aug-18	01:12:13
68	68 180825M1_68	1802168-05RE1 GW01-20180730 0.25...	26-Aug-18	01:22:46

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
69	69 180825M1_69	1802168-06RE1 FT-PZ458I-20180730 ...	26-Aug-18	01:33:24
70	70 180825M1_70	1802168-07RE1 FT-PZ460I-20180730 ...	26-Aug-18	01:43:56
71	71 180825M1_71	1802168-08RE1 FT-PZ461I-20180730 ...	26-Aug-18	01:54:35
72	72 180825M1_72	1802168-09RE1 FT-PZ463I-20180730 ...	26-Aug-18	02:05:13
73	73 180825M1_73	1802168-10RE1 FT-PZ464I-20180730 ...	26-Aug-18	02:15:45
74	74 180825M1_74	1802168-11RE1 FT-PZ464S-20180730 ...	26-Aug-18	02:26:24
75	75 180825M1_75	1802168-12RE1 FRB05-073118 0.11967	26-Aug-18	02:36:56
76	76 180825M1_76	1802168-13RE1 EB05-073118 0.11727	26-Aug-18	02:47:34
77	77 180825M1_77	IPA	26-Aug-18	02:58:07
78	78 180825M1_78	ST180825M1-15 PFC CS3 18H2107	26-Aug-18	03:08:45
79	79 180825M1_79	1802168-14RE1 FT-GA10-20180731 0....	26-Aug-18	03:19:17
80	80 180825M1_80	1802168-15RE1 FT-GA12-20180731 0....	26-Aug-18	03:29:56
81	81 180825M1_81	1802168-16RE1 FT-GA13-20180731 0....	26-Aug-18	03:40:28
82	82 180825M1_82	B8H0083-BS1 OPR 0.125	26-Aug-18	03:51:07
83	83 180825M1_83	B8H0083-BLK1 Method Blank 0.125	26-Aug-18	04:01:40
84	84 180825M1_84	B8H0083-MS1 Matrix Spike 0.11621	26-Aug-18	04:12:18
85	85 180825M1_85	B8H0083-MSD1 Matrix Spike Dup 0.116...	26-Aug-18	04:22:50
86	86 180825M1_86	1802364-01 REEPDW1234 0.12045	26-Aug-18	04:33:29
87	87 180825M1_87	1802364-02 REEPDW1235 0.11304	26-Aug-18	04:44:02
88	88 180825M1_88	1802364-03 REEPDW1236 0.11917	26-Aug-18	04:54:40
89	89 180825M1_89	1802364-04 REEPDW1237 0.11638	26-Aug-18	05:05:13
90	90 180825M1_90	1802364-05 REEPDW1238 0.1166	26-Aug-18	05:15:52
91	91 180825M1_91	1802365-01 REEPDW1234FRB 0.11762	26-Aug-18	05:26:30
92	92 180825M1_92	1802365-02 REEPDW1235FRB 0.12024	26-Aug-18	05:37:03
93	93 180825M1_93	1802365-03 REEPDW1236FRB 0.12013	26-Aug-18	05:47:42
94	94 180825M1_94	1802365-04 REEPDW1237FRB 0.12044	26-Aug-18	05:58:20
95	95 180825M1_95	1802365-05 REEPDW1238FRB 0.11404	26-Aug-18	06:08:53
96	96 180825M1_96	1802366-01 REEPDW1239 0.12	26-Aug-18	06:19:32
97	97 180825M1_97	1802366-02 REEPDW1240 0.12053	26-Aug-18	06:30:05
98	98 180825M1_98	IPA	26-Aug-18	06:40:44
99	99 180825M1_99	ST180825M1-16 PFC CS3 18H2107	26-Aug-18	06:51:16
100	1... 180825M1_100	1802366-03 REEPDW573 0.11989	26-Aug-18	07:01:54
101	1... 180825M1_101	1802367-01 REEPDW1239FRB 0.11812	26-Aug-18	07:12:26
102	1... 180825M1_102	1802367-02 REEPDW1240FRB 0.11881	26-Aug-18	07:23:05
103	1... 180825M1_103	B8H0113-BS1 OPR 0.125	26-Aug-18	07:33:38
104	1... 180825M1_104	B8H0113-BSD1 LCSD 0.125	26-Aug-18	07:44:16

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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
105	1... 180825M1_105	B8H0113-BLK1 Method Blank 0.125	26-Aug-18	07:54:48
106	1... 180825M1_106	1802414-01 REEPDW1241 0.11509	26-Aug-18	08:05:27
107	1... 180825M1_107	1802414-02 REEPDW1242 0.11982	26-Aug-18	08:16:00
108	1... 180825M1_108	1802414-03 REEPDW1243 0.11649	26-Aug-18	08:26:38
109	1... 180825M1_109	1802414-04 REEPDW1244 0.11739	26-Aug-18	08:37:10
110	1... 180825M1_110	1802415-01 REEPDW1241FRB 0.12082	26-Aug-18	08:47:49
111	1... 180825M1_111	1802415-02 REEPDW1242FRB 0.12025	26-Aug-18	08:58:22
112	1... 180825M1_112	1802415-03 REEPDW1243FRB 0.12165	26-Aug-18	09:09:00
113	1... 180825M1_113	1802415-04 REEPDW1244FRB 0.1186	26-Aug-18	09:19:32
114	1... 180825M1_114	1802416-01 REEPDW1245 0.11966	26-Aug-18	09:30:11
115	1... 180825M1_115	1802417-01 REEPDW1245FRB 0.12092	26-Aug-18	09:40:44
116	1... 180825M1_116	IPA	26-Aug-18	09:51:22
117	1... 180825M1_117	ST180825M1-17 PFC CS3 18H2107	26-Aug-18	10:02:00

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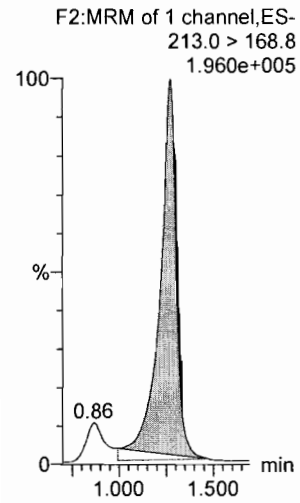
Printed: Sunday, August 26, 2018 14:53:13 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 14:37:22

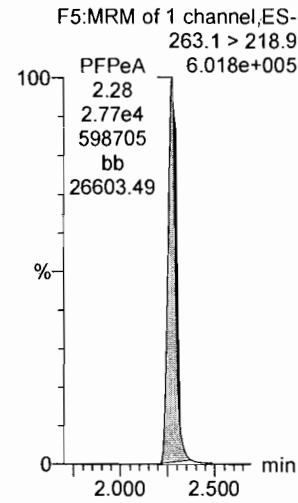
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Name: 180825M1_41, Date: 25-Aug-2018, Time: 20:36:37, ID: ST180825M1-12 PFC CS3 18H2107, Description: PFC CS3 18H2107

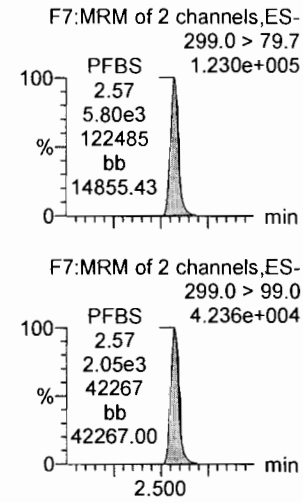
PFBA



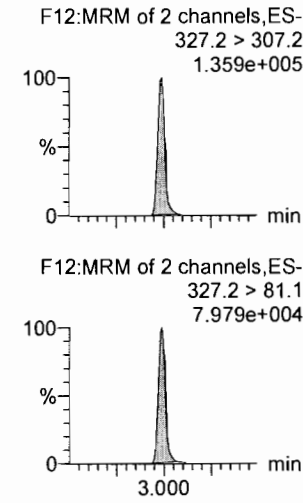
PFPeA



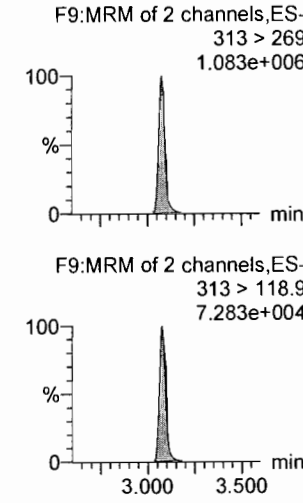
PFBS



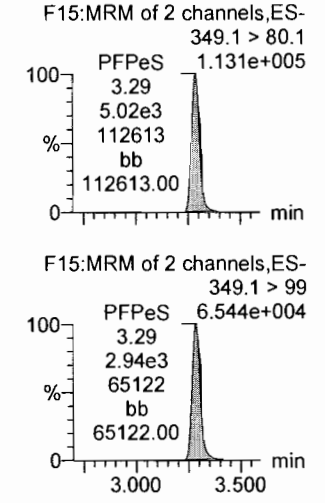
4:2 FTS



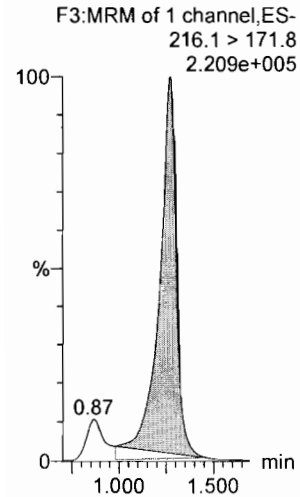
PFHxA



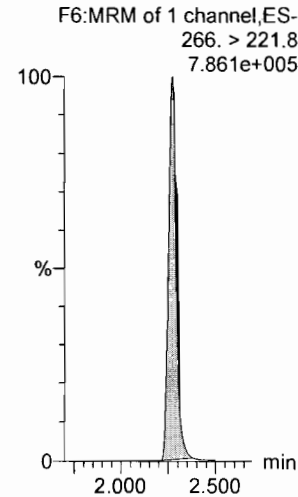
PFPeS



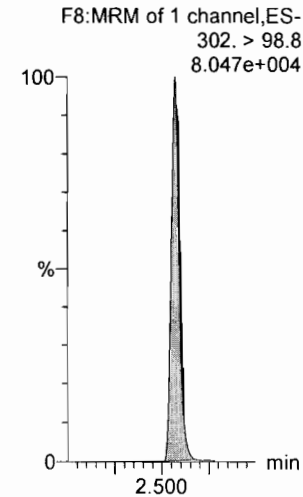
13C3-PFBA



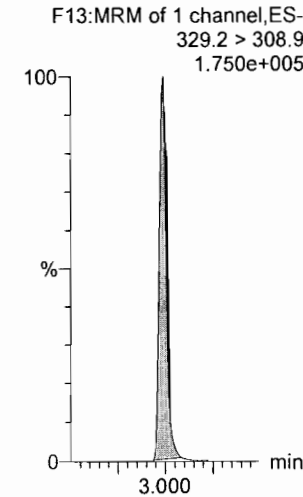
13C3-PFPeA



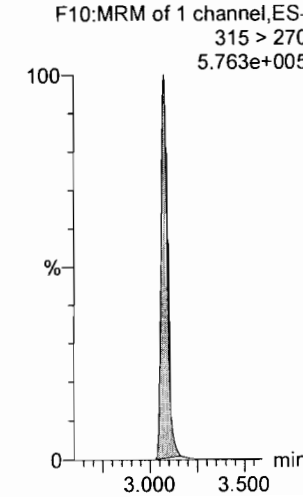
13C3-PFBS



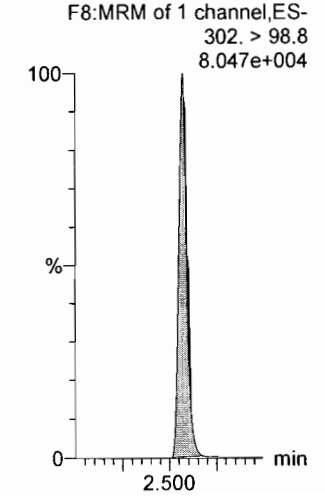
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



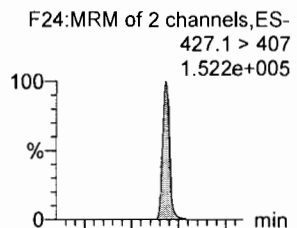
Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-41.qld

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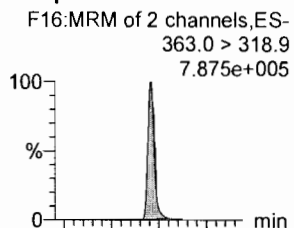
Printed: Sunday, August 26, 2018 14:53:13 Pacific Daylight Time

Name: 180825M1_41, Date: 25-Aug-2018, Time: 20:36:37, ID: ST180825M1-12 PFC CS3 18H2107, Description: PFC CS3 18H2107

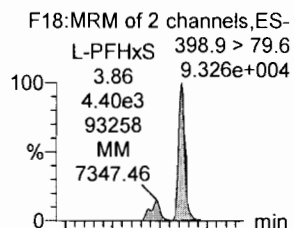
6:2 FTS



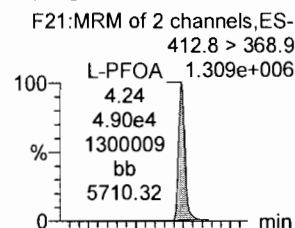
PFHpa



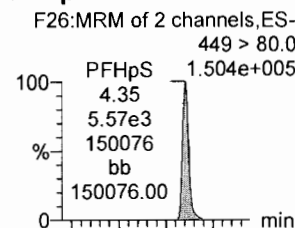
L-PFHxS



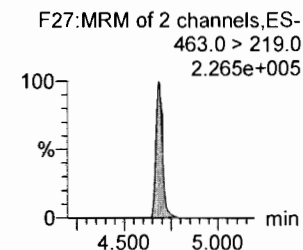
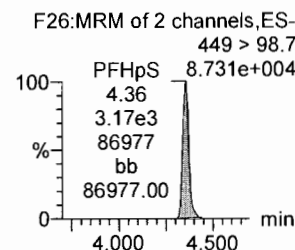
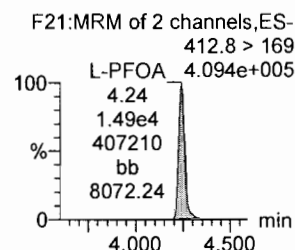
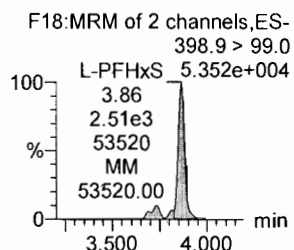
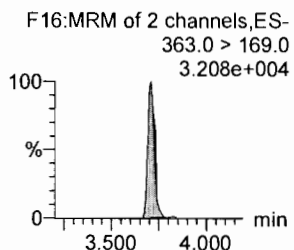
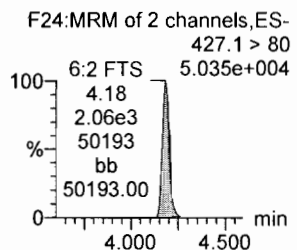
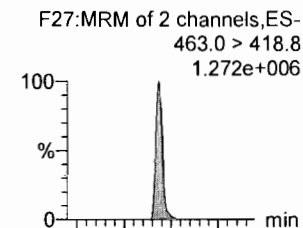
L-PFOA



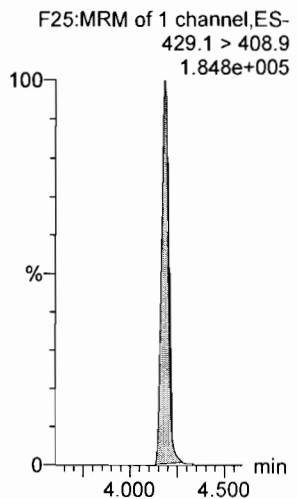
PFHpS



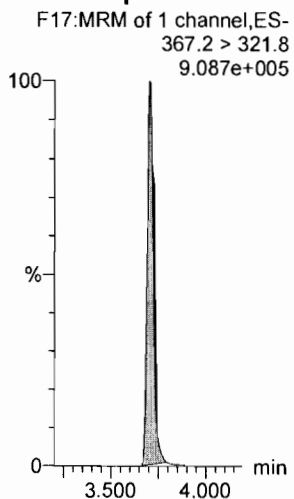
PFNA



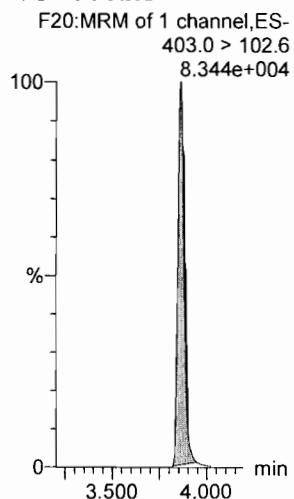
13C2-6:2 FTS



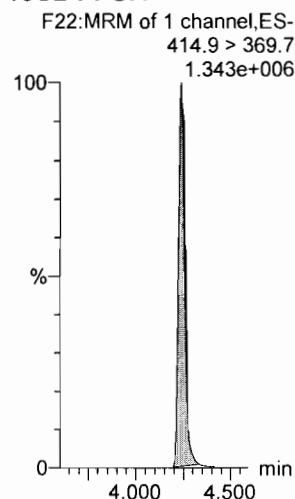
13C4-PFHpa



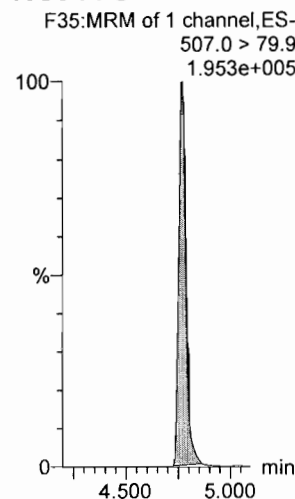
18O2-PFHxS



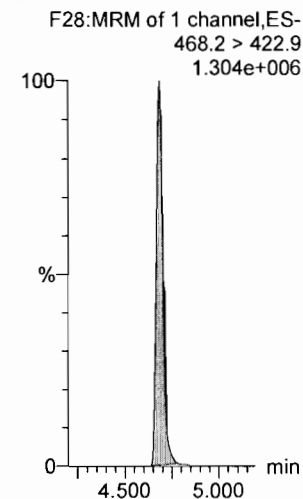
13C2-PFOA



13C8-PFOS



13C5-PFNA

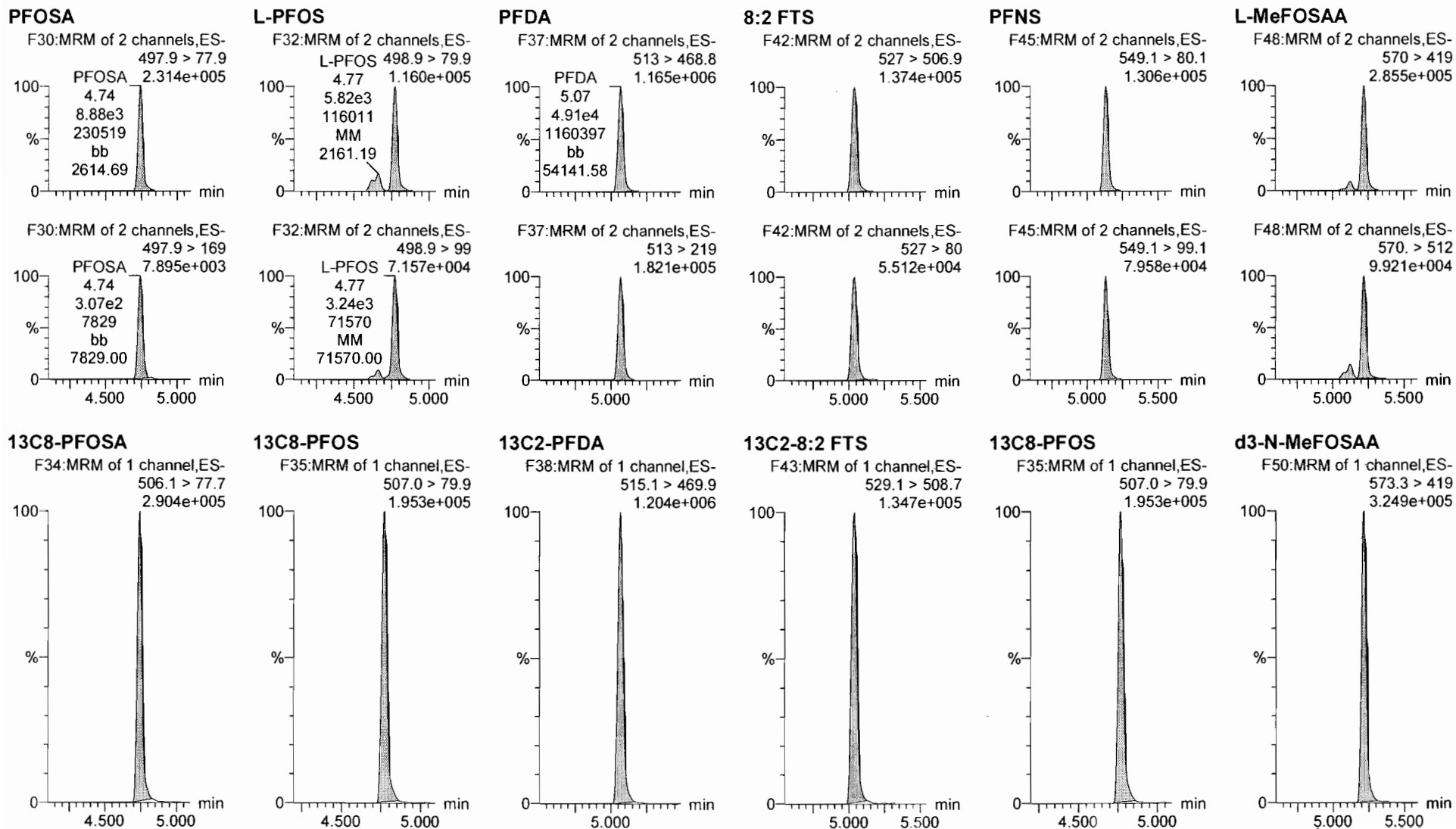


Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-41.qld

Last Altered: Sunday, August 26, 2018 14:53:03 Pacific Daylight Time

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Name: 180825M1_41, Date: 25-Aug-2018, Time: 20:36:37, ID: ST180825M1-12 PFC CS3 18H2107, Description: PFC CS3 18H2107



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-41.qld

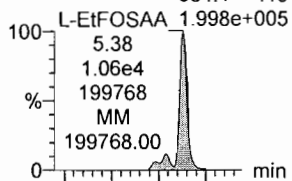
Last Altered: Sunday, August 26, 2018 14:53:03 Pacific Daylight Time

Printed: Sunday, August 26, 2018 14:53:13 Pacific Daylight Time

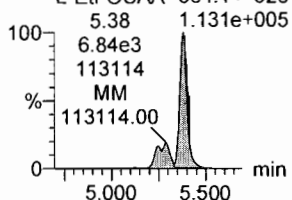
Name: 180825M1_41, Date: 25-Aug-2018, Time: 20:36:37, ID: ST180825M1-12 PFC CS3 18H2107, Description: PFC CS3 18H2107

L-EtFOSAA

F51:MRM of 2 channels,ES-584.1 > 419

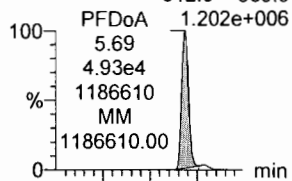


F51:MRM of 2 channels,ES-L-EtFOSAA 584.1 > 526

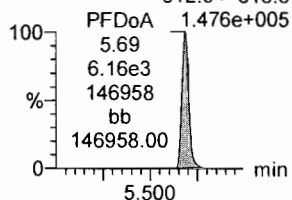


PFDaA

F54:MRM of 4 channels,ES-612.9 > 569.0

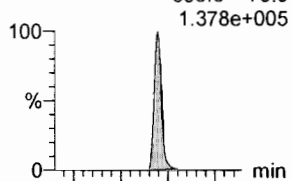


F54:MRM of 4 channels,ES-PFDaA 612.9 > 318.8

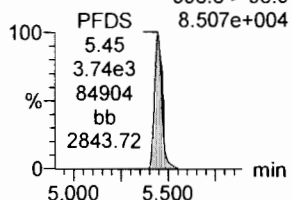


PFDS

F53:MRM of 2 channels,ES-598.8 > 79.9

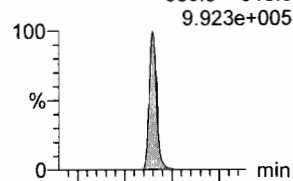


F53:MRM of 2 channels,ES-PFDS 598.8 > 98.9

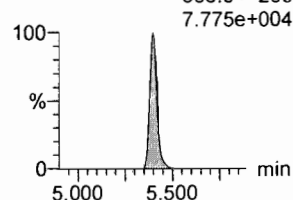


PFUdA

F46:MRM of 2 channels,ES-563.0 > 518.9

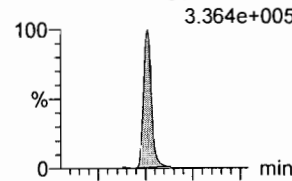


F46:MRM of 2 channels,ES-PFUdA 563.0 > 269

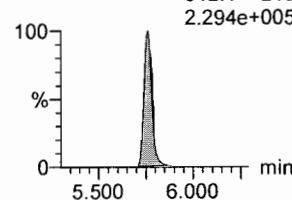


N-MeFOSA

F36:MRM of 2 channels,ES-512.1 > 168.9

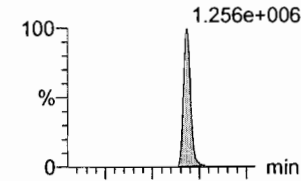


F36:MRM of 2 channels,ES-N-MeFOSA 512.1 > 219

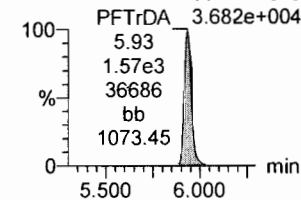


PFTrDA

F60:MRM of 2 channels,ES-662.9 > 618.9

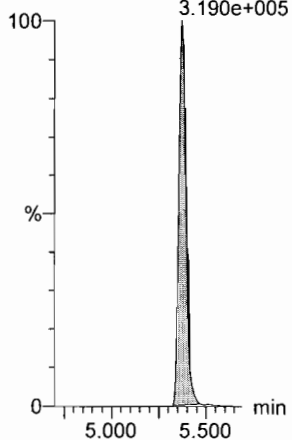


F60:MRM of 2 channels,ES-PFTrDA 662.9 > 319



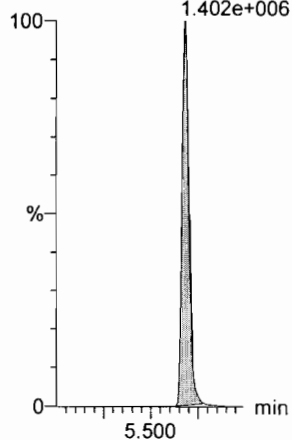
d5-N-EtFOSAA

F52:MRM of 1 channel,ES-589.3 > 419



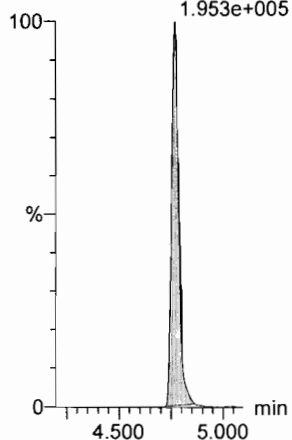
13C2-PFDaA

F55:MRM of 2 channels,ES-615.0 > 569.7



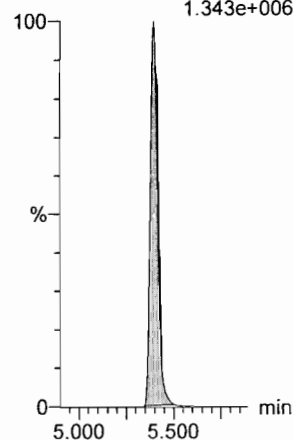
13C8-PFOS

F35:MRM of 1 channel,ES-507.0 > 79.9



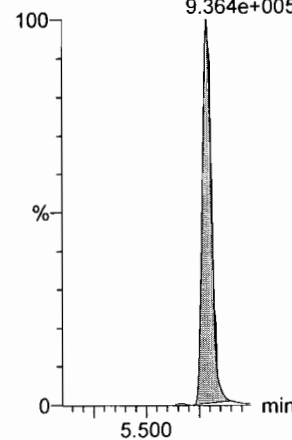
13C2-PFUdA

F47:MRM of 1 channel,ES-565 > 519.8



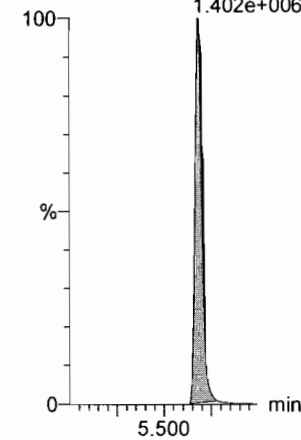
d3-N-MeFOSA

F39:MRM of 1 channel,ES-515.2 > 168.9



13C2-PFDaA

F55:MRM of 2 channels,ES-615.0 > 569.7



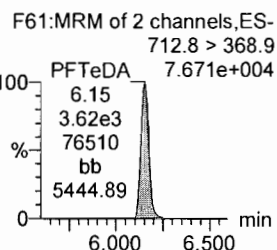
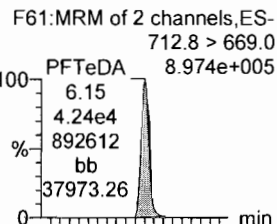
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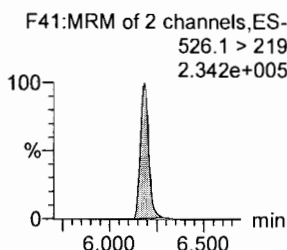
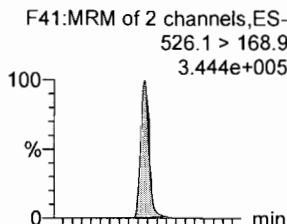
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Name: 180825M1_41, Date: 25-Aug-2018, Time: 20:36:37, ID: ST180825M1-12 PFC CS3 18H2107, Description: PFC CS3 18H2107

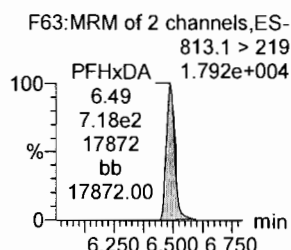
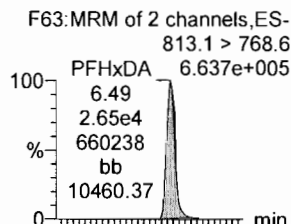
PFTeDA



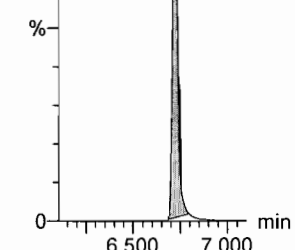
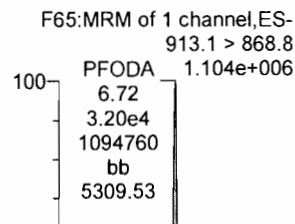
N-EtFOSA



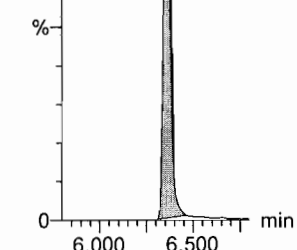
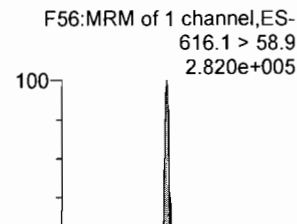
PFHxDA



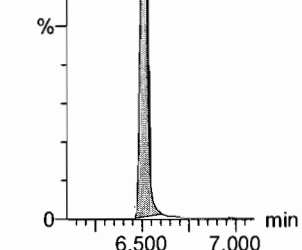
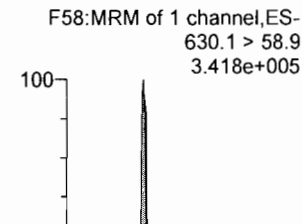
PFODA



N-MeFOSE

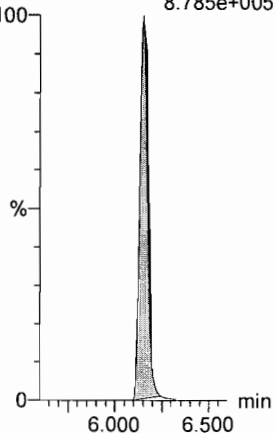


N-EtFOSE



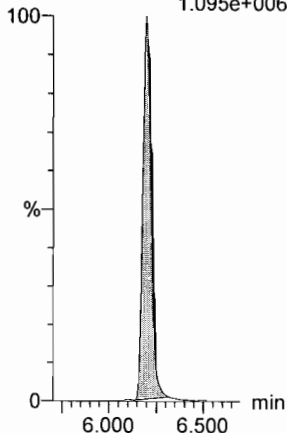
13C2-PFTeDA

F62:MRM of 2 channels,ES-714.8 > 669.6
8.785e+005



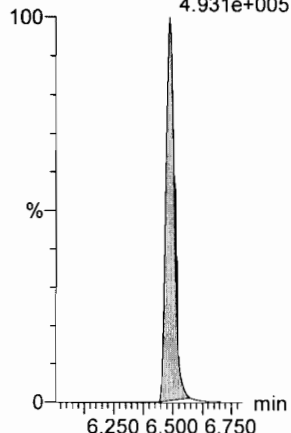
d5-N-ETFOSA

F44:MRM of 1 channel,ES-531.1 > 168.9
1.095e+006



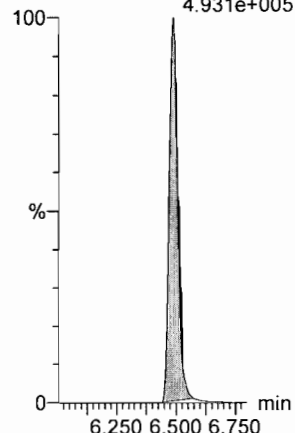
13C2-PFHxDA

F64:MRM of 1 channel,ES-815 > 769.7
4.931e+005



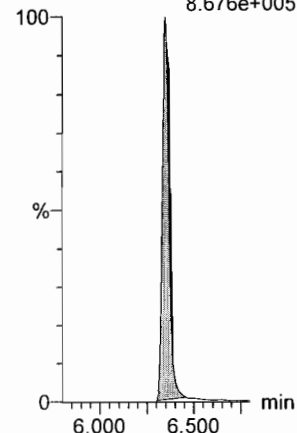
13C2-PFHxDA

F64:MRM of 1 channel,ES-815 > 769.7
4.931e+005



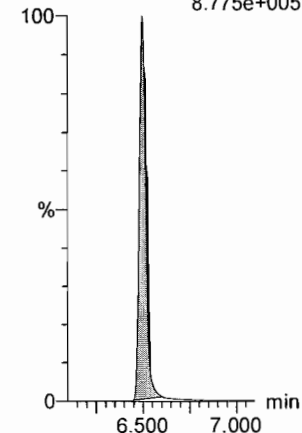
d7-N-MeFOSE

F57:MRM of 1 channel,ES-623.1 > 58.9
8.676e+005



d9-N-EtFOSE

F59:MRM of 1 channel,ES-639.2 > 58.8
8.775e+005



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-41.qld

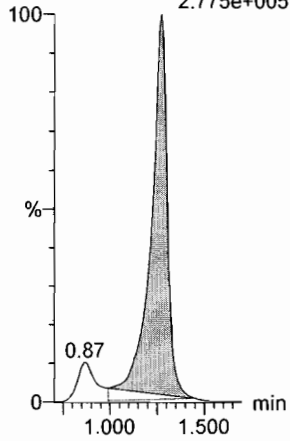
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Printed: Sunday, August 26, 2018 14:53:13 Pacific Daylight Time

Name: 180825M1_41, Date: 25-Aug-2018, Time: 20:36:37, ID: ST180825M1-12 PFC CS3 18H2107, Description: PFC CS3 18H2107

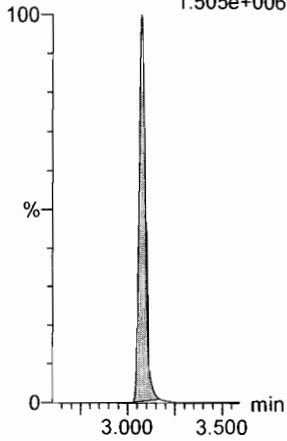
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
2.775e+005



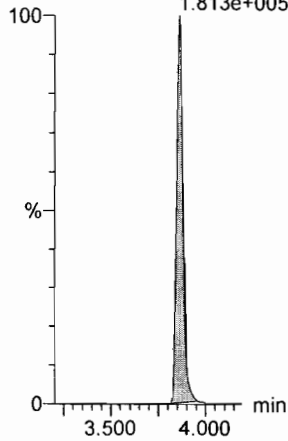
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
1.505e+006



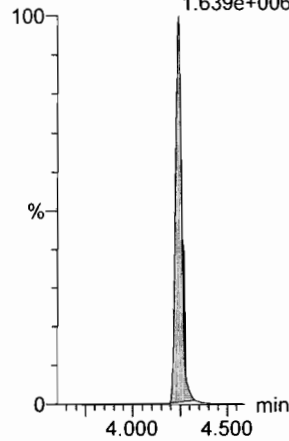
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.813e+005



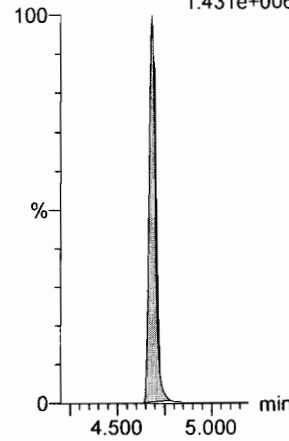
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
1.639e+006



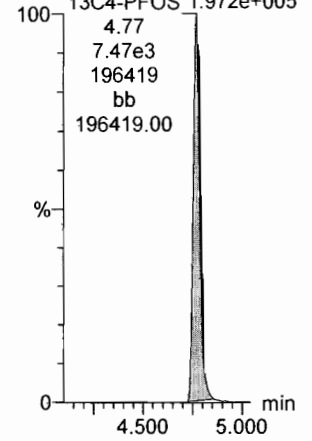
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.431e+006



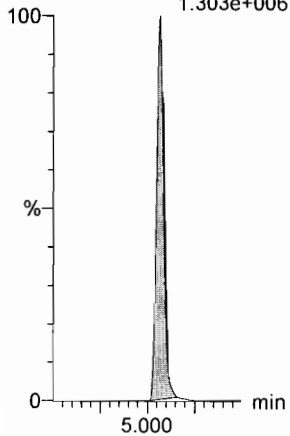
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.972e+005



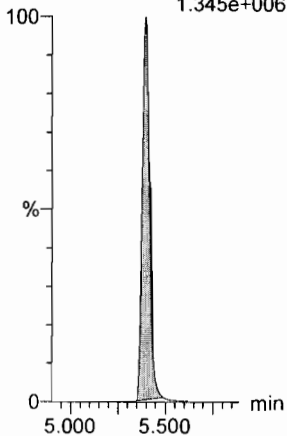
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.303e+006



13C7-PFudA

F49:MRM of 1 channel,ES-
570.1 > 524.8
1.345e+006



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-62.qld

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GRB 8/27/18

Name: 180825M1_62, Date: 26-Aug-2018, Time: 00:19:12, ID: ST180825M1-13 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec.	Recovery	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	20310.465	23525.861	1.00	1.27	10.792	9.3	93.2	NO		
2	2 PFPeA	263.1 > 218.9	30765.635	40238.539	1.00	2.27	9.557	10.0	99.9	NO		
3	3 PFBS	299.0 > 79.7	6223.921	4131.099	1.00	2.57	18.833	9.5	94.6	NO	2.727	NO
4	4 4:2 FTS	327.2>307.2	5763.938	7776.675	1.00	2.98	9.265	9.8	97.6	NO	1.731	NO
5	5 PFHxA	313 > 269	45359.875	23642.920	1.00	3.07	9.593	10.2	101.9	NO	15.490	NO
6	6 PFPeS	349.1>80.1	5508.173	4131.099	1.00	3.28	16.667	10.0	99.5	NO	1.750	NO
7	36 13C3-PFBA	216.1 > 171.8	23525.861	28558.600	1.00	1.27	10.297	12.5	99.7	NO		
8	37 13C3-PFPeA	266. > 221.8	40238.539	63895.246	1.00	2.27	7.872	12.3	98.4	NO		
9	38 13C3-PFBS	302. > 98.8	4131.099	63895.246	1.00	2.57	0.808	12.4	99.3	NO		
10	39 13C2-4:2 FTS	329.2>308.9	7776.675	63895.246	1.00	2.98	1.521	10.9	87.0	NO		
11	40 13C2-PFHxA	315 > 270	23642.920	63895.246	1.00	3.07	4.625	4.8	95.6	NO		
12	38 13C3-PFBS	302. > 98.8	4131.099	63895.246	1.00	2.57	0.808	12.4	99.3	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	6430.519	7716.047	1.00	4.18	10.417	10.4	104.3	NO	2.799	NO
15	7 PFHpA	363.0 > 318.9	33459.129	37680.824	1.00	3.70	11.100	9.5	94.8	NO	26.705	NO
16	8 L-PFHxS	398.9 > 79.6	4873.491	3617.841	1.00	3.85	16.838	9.7	97.5	NO	1.770	NO
17	11 L-PFOA	412.8 > 368.9	55009.344	58037.242	1.00	4.24	11.848	9.5	95.5	NO	3.384	NO
18	13 PFHpS	449 > 80.0	6165.683	8314.739	1.00	4.35	9.269	11.0	109.7	NO	1.796	NO
19	14 PFNA	463.0 > 418.8	51127.855	57481.137	1.00	4.68	11.118	9.3	93.0	NO	5.196	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	7716.047	68173.945	1.00	4.18	1.415	10.6	84.7	NO		
21	41 13C4-PFHpA	367.2 > 321.8	37680.824	63895.246	1.00	3.70	7.372	12.6	100.8	NO		
22	42 18O2-PFHxS	403.0 > 102.6	3617.841	7276.237	1.00	3.85	6.215	12.0	96.1	NO		
23	44 13C2-PFOA	414.9 > 369.7	58037.242	68173.945	1.00	4.23	10.641	12.3	98.7	NO		
24	47 13C8-PFOS	507.0 > 79.9	8314.739	8204.060	1.00	4.76	12.669	11.9	95.4	NO		
25	45 13C5-PFNA	468.2 > 422.9	57481.137	59543.344	1.00	4.68	12.067	12.6	100.5	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	9430.051	11796.351	1.00	4.73	9.993	9.5	95.1	NO	30.633	NO
28	16 L-PFOS	498.9 > 79.9	6385.929	8314.739	1.00	4.76	9.600	9.9	98.6	NO	1.856	NO
29	18 PFDA	513 > 468.8	52921.359	56227.328	1.00	5.06	11.765	9.6	95.8	NO	6.679	NO
30	19 8:2 FTS	527 > 506.9	6240.063	5936.020	1.00	5.03	13.140	9.6	95.9	NO	2.398	NO
31	20 PFNS	549.1 > 80.1	5597.293	8314.739	1.00	5.13	8.415	10.9	109.3	NO	1.599	NO
32	21 L-MeFOSAA	570 > 419	13339.382	13456.342	1.00	5.21	12.391	9.7	96.7	NO	2.730	NO
33	46 13C8-PFOA	506.1 > 77.7	11796.351	64988.504	1.00	4.74	2.269	11.6	92.7	NO		
34	47 13C8-PFOS	507.0 > 79.9	8314.739	8204.060	1.00	4.76	12.669	11.9	95.4	NO		

DM 8/26/18

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-62.qld

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Name: 180825M1_62, Date: 26-Aug-2018, Time: 00:19:12, ID: ST180825M1-13 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	56227.328	58891.609	1.00	5.06	11.934	12.7	101.2	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	5936.020	68173.945	1.00	5.03	1.088	10.4	83.0	NO		
37	47 13C8-PFOS	507.0 > 79.9	8314.739	8204.060	1.00	4.76	12.669	11.9	95.4	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	13456.342	64988.504	1.00	5.21	2.588	11.4	91.4	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	11085.577	15014.645	1.00	5.37	9.229	9.5	94.8	NO	1.411	NO
41	27 PFDaA	612.9 > 569.0	54176.457	64354.836	1.00	5.68	10.523	9.6	96.1	NO	8.620	NO
42	26 PFDS	598.8 > 79.9	6239.482	8314.739	1.00	5.44	9.380	10.2	101.5	NO	1.632	NO
43	25 PFUDa	563.0 > 518.9	48885.770	62218.938	1.00	5.39	9.821	10.4	103.8	NO	12.806	NO
44	28 N-MeFOSA	512.1 > 168.9	17413.383	49564.262	1.00	5.75	52.699	52.6	105.2	NO	1.462	NO
45	29 PFTrDA	662.9 > 618.9	58023.715	64354.836	1.00	5.93	11.270	9.9	98.9	NO	33.125	NO
46	52 d5-N-EtFOSAA	589.3 > 419	15014.645	64988.504	1.00	5.37	2.888	11.7	93.8	NO		
47	53 13C2-PFDaA	615.0 > 569.7	64354.836	58891.609	1.00	5.67	13.660	12.0	95.6	NO		
48	47 13C8-PFOS	507.0 > 79.9	8314.739	8204.060	1.00	4.76	12.669	11.9	95.4	NO		
49	51 13C2-PFUdA	565 > 519.8	62218.938	64988.504	1.00	5.39	11.967	11.9	95.0	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	49564.262	64988.504	1.00	5.78	9.533	143.3	95.5	NO		
51	53 13C2-PFDaA	615.0 > 569.7	64354.836	58891.609	1.00	5.67	13.660	12.0	95.6	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	45846.910	45084.813	1.00	6.15	12.711	9.7	97.5	NO	12.355	NO
54	31 N-EtFOSA	526.1 > 168.9	18447.459	59123.117	1.00	6.18	46.803	49.8	99.6	NO	1.507	NO
55	32 PFHxDA	813.1 > 768.6	29692.396	21740.389	1.00	6.48	6.829	10.3	103.2	NO	40.081	NO
56	33 PFODA	913.1 > 868.8	35555.316	21740.389	1.00	6.71	8.177	9.9	98.8	NO		
57	34 N-MeFOSE	616.1 > 58.9	12367.143	37849.086	1.00	6.35	49.012	50.1	100.1	NO		
58	35 N-EtFOSE	630.1 > 58.9	14335.139	37763.371	1.00	6.51	56.941	51.6	103.3	NO		
59	55 13C2-PFTeDA	714.8 > 669.6	45084.813	64988.504	1.00	6.15	8.672	12.0	96.0	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	59123.117	64988.504	1.00	6.20	11.372	139.4	92.9	NO		
61	57 13C2-PFHxDA	815 > 769.7	21740.389	64988.504	1.00	6.48	4.182	4.6	91.1	NO		
62	57 13C2-PFHxDA	815 > 769.7	21740.389	64988.504	1.00	6.48	4.182	4.6	91.1	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	37849.086	64988.504	1.00	6.35	7.280	134.8	89.9	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	37763.371	64988.504	1.00	6.50	7.263	135.4	90.2	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	28558.600	28558.600	1.00	1.27	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	63895.246	63895.246	1.00	3.07	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	7276.237	7276.237	1.00	3.85	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-62.qld

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Name: 180825M1_62, Date: 26-Aug-2018, Time: 00:19:12, ID: ST180825M1-13 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	Trace	Area	IS Area	wf/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	68173.945	68173.945	1.00	4.23	12.500	12.5	100.0		NO	
70	64 13C9-PFNA	472.2 > 426.9	59543.344	59543.344	1.00	4.68	12.500	12.5	100.0		NO	
71	65 13C4-PFOS	503 > 79.9	8204.060	8204.060	1.00	4.76	12.500	12.5	100.0		NO	
72	66 13C6-PFDA	519.1 > 473.7	58891.609	58891.609	1.00	5.06	12.500	12.5	100.0		NO	
73	67 13C7-PFUdA	570.1 > 524.8	64988.504	64988.504	1.00	5.39	12.500	12.5	100.0		NO	

Dataset: Untitled

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 14:37:22

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 180825M1_1	IPA	25-Aug-18	13:32:22
2	2 180825M1_2	ST180825M1-1 PFC CS-2 18H2102	25-Aug-18	13:42:57
3	3 180825M1_3	ST180825M1-2 PFC CS-1 18H2103	25-Aug-18	13:53:35
4	4 180825M1_4	ST180825M1-3 PFC CS0 18H2104	25-Aug-18	14:04:14
5	5 180825M1_5	ST180825M1-4 PFC CS1 18H2105	25-Aug-18	14:14:47
6	6 180825M1_6	ST180825M1-5 PFC CS2 18H2106	25-Aug-18	14:25:25
7	7 180825M1_7	ST180825M1-6 PFC CS3 18H2107	25-Aug-18	14:35:59
8	8 180825M1_8	ST180825M1-7 PFC CS4 18H2108	25-Aug-18	14:46:37
9	9 180825M1_9	ST180825M1-8 PFC CS5 18H2109	25-Aug-18	14:57:09
10	10 180825M1_10	ST180825M1-9 PFC CS6 18H2110	25-Aug-18	15:07:47
11	11 180825M1_11	ST180825M1-10 PFC CS7 18H2111	25-Aug-18	15:18:19
12	12 180825M1_12	IPA	25-Aug-18	15:28:58
13	13 180825M1_13	ICV180825M1-1 PFC 537 ICV 18H2112	25-Aug-18	15:39:31
14	14 180825M1_14	1802221-01 REEPDW1228 0.12094	25-Aug-18	15:50:33
15	15 180825M1_15	1802221-02 REEPDW1232 0.1198	25-Aug-18	16:01:06
16	16 180825M1_16	1802266-01 REEPDW1233 0.1198	25-Aug-18	16:11:44
17	17 180825M1_17	1802253-08 GW1808011555JTM 0.247...	25-Aug-18	16:22:17
18	18 180825M1_18	1802253-12 GW1808021200JTM 0.255...	25-Aug-18	16:32:55
19	19 180825M1_19	1802151-01@5x TA-SB-59 (2-3)-EPA 1....	25-Aug-18	16:43:27
20	20 180825M1_20	1802253-06@10x GW1808011525SK 0...	25-Aug-18	16:54:05
21	21 180825M1_21	1802253-07@10x GW1808011555SK 0...	25-Aug-18	17:04:38
22	22 180825M1_22	1802253-09@10x GW1808021000JTM ...	25-Aug-18	17:15:16
23	23 180825M1_23	1802253-10@10x GW1808021010SK 0...	25-Aug-18	17:25:50
24	24 180825M1_24	IPA	25-Aug-18	17:36:28
25	25 180825M1_25	ST180825M1-11 PFC CS3 18H2107	25-Aug-18	17:47:02
26	26 180825M1_26	1802253-11@10x GW1808021110SK 0...	25-Aug-18	17:57:40
27	27 180825M1_27	1802253-13@20x GW1808021305SK 0...	25-Aug-18	18:08:13
28	28 180825M1_28	B8H0014-BS1 OPR 0.25	25-Aug-18	18:18:51
29	29 180825M1_29	B8H0014-BLK1 Method Blank 0.25	25-Aug-18	18:29:29
30	30 180825M1_30	B8H0014-MS1 Matrix Spike 0.25251	25-Aug-18	18:40:02
31	31 180825M1_31	B8H0014-MSD1 Matrix Spike Dup 0.2563	25-Aug-18	18:50:40
32	32 180825M1_32	1802094-01 FC-MW025R1-20180726 0...	25-Aug-18	19:01:19

Dataset: Untitled

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	33 180825M1_33	1802094-02 SA-PZ163I-20180726 0.24...	25-Aug-18	19:11:52
34	34 180825M1_34	1802094-03 SA-PZ181I-20180726 0.25...	25-Aug-18	19:22:31
35	35 180825M1_35	1802094-04 SA-PZ182I-20180726 0.24...	25-Aug-18	19:33:04
36	36 180825M1_36	1802094-05 SA-PZ145I-20180726 0.25...	25-Aug-18	19:43:42
37	37 180825M1_37	1802094-06 SA-PZ145D-20180726 0.2...	25-Aug-18	19:54:15
38	38 180825M1_38	1802094-07 SA-MW128I-20180726 0.253	25-Aug-18	20:04:53
39	39 180825M1_39	1802094-08 SA-PZ144I-20180726 0.26...	25-Aug-18	20:15:26
40	40 180825M1_40	IPA	25-Aug-18	20:26:05
41	41 180825M1_41	ST180825M1-12 PFC CS3 18H2107	25-Aug-18	20:36:37
42	42 180825M1_42	1802094-09 SA-PZ144S-20180726 0.2...	25-Aug-18	20:47:16
43	43 180825M1_43	1802094-10 SA-PZ171I-20180727 0.25...	25-Aug-18	20:57:48
44	44 180825M1_44	1802094-11 SA-SW201-20180727 0.10...	25-Aug-18	21:08:27
45	45 180825M1_45	1802094-12 SA-SW204-20180727 0.10...	25-Aug-18	21:19:05
46	46 180825M1_46	1802094-13 SA-SW301-20180727 0.10...	25-Aug-18	21:29:38
47	47 180825M1_47	1802094-14 EB01-072618 0.11489	25-Aug-18	21:40:09
48	48 180825M1_48	1802094-15 FRB01-072618 0.11916	25-Aug-18	21:50:47
49	49 180825M1_49	1802094-16 GW01-072618 0.25129	25-Aug-18	22:01:21
50	50 180825M1_50	1802094-17 SA-DUP-01-20180726 0.2...	25-Aug-18	22:11:59
51	51 180825M1_51	1802094-18 EB02-072718 0.11695	25-Aug-18	22:22:37
52	52 180825M1_52	1802094-19 FRB02-072718 0.11299	25-Aug-18	22:33:11
53	53 180825M1_53	B8H0064-BS1 OPR 0.25	25-Aug-18	22:43:49
54	54 180825M1_54	B8H0064-BLK1 Method Blank 0.25	25-Aug-18	22:54:22
55	55 180825M1_55	B8H0064-MS1 Matrix Spike 0.25286	25-Aug-18	23:05:01
56	56 180825M1_56	B8H0064-MSD1 Matrix Spike Dup 0.249...	25-Aug-18	23:15:33
57	57 180825M1_57	1802154-01RE1 WE13-GW-TANK1-ID...	25-Aug-18	23:26:12
58	58 180825M1_58	1802154-02RE1 WE13-GW-TANK2-ID...	25-Aug-18	23:36:50
59	59 180825M1_59	1802154-03RE1 EB03-WE13-GW-IDW...	25-Aug-18	23:47:23
60	60 180825M1_60	1802155-01RE1 FRB03-WE13-GW-ID...	25-Aug-18	23:58:01
61	61 180825M1_61	IPA	26-Aug-18	00:08:34
62	62 180825M1_62	ST180825M1-13 PFC CS3 18H2107	26-Aug-18	00:19:12
63	63 180825M1_63	ST180825M1-14 PFC CS0 18H2104	26-Aug-18	00:29:46
64	64 180825M1_64	1802168-01RE1 SW-DP02-20180730 0...	26-Aug-18	00:40:24
65	65 180825M1_65	1802168-02RE1 SW-DP01-20180730 0...	26-Aug-18	00:50:56
66	66 180825M1_66	1802168-03RE1 FRB04-073018 0.11884	26-Aug-18	01:01:35
67	67 180825M1_67	1802168-04RE1 EB-073018 0.12041	26-Aug-18	01:12:13
68	68 180825M1_68	1802168-05RE1 GW01-20180730 0.25...	26-Aug-18	01:22:46

Dataset: Untitled

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
69	69 180825M1_69	1802168-06RE1 FT-PZ458I-20180730 ...	26-Aug-18	01:33:24
70	70 180825M1_70	1802168-07RE1 FT-PZ460I-20180730 ...	26-Aug-18	01:43:56
71	71 180825M1_71	1802168-08RE1 FT-PZ461I-20180730 ...	26-Aug-18	01:54:35
72	72 180825M1_72	1802168-09RE1 FT-PZ463I-20180730 ...	26-Aug-18	02:05:13
73	73 180825M1_73	1802168-10RE1 FT-PZ464I-20180730 ...	26-Aug-18	02:15:45
74	74 180825M1_74	1802168-11RE1 FT-PZ464S-20180730 ...	26-Aug-18	02:26:24
75	75 180825M1_75	1802168-12RE1 FRB05-073118 0.11967	26-Aug-18	02:36:56
76	76 180825M1_76	1802168-13RE1 EB05-073118 0.11727	26-Aug-18	02:47:34
77	77 180825M1_77	IPA	26-Aug-18	02:58:07
78	78 180825M1_78	ST180825M1-15 PFC CS3 18H2107	26-Aug-18	03:08:45
79	79 180825M1_79	1802168-14RE1 FT-GA10-20180731 0....	26-Aug-18	03:19:17
80	80 180825M1_80	1802168-15RE1 FT-GA12-20180731 0....	26-Aug-18	03:29:56
81	81 180825M1_81	1802168-16RE1 FT-GA13-20180731 0....	26-Aug-18	03:40:28
82	82 180825M1_82	B8H0083-BS1 OPR 0.125	26-Aug-18	03:51:07
83	83 180825M1_83	B8H0083-BLK1 Method Blank 0.125	26-Aug-18	04:01:40
84	84 180825M1_84	B8H0083-MS1 Matrix Spike 0.11621	26-Aug-18	04:12:18
85	85 180825M1_85	B8H0083-MSD1 Matrix Spike Dup 0.116...	26-Aug-18	04:22:50
86	86 180825M1_86	1802364-01 REEPDW1234 0.12045	26-Aug-18	04:33:29
87	87 180825M1_87	1802364-02 REEPDW1235 0.11304	26-Aug-18	04:44:02
88	88 180825M1_88	1802364-03 REEPDW1236 0.11917	26-Aug-18	04:54:40
89	89 180825M1_89	1802364-04 REEPDW1237 0.11638	26-Aug-18	05:05:13
90	90 180825M1_90	1802364-05 REEPDW1238 0.1166	26-Aug-18	05:15:52
91	91 180825M1_91	1802365-01 REEPDW1234FRB 0.11762	26-Aug-18	05:26:30
92	92 180825M1_92	1802365-02 REEPDW1235FRB 0.12024	26-Aug-18	05:37:03
93	93 180825M1_93	1802365-03 REEPDW1236FRB 0.12013	26-Aug-18	05:47:42
94	94 180825M1_94	1802365-04 REEPDW1237FRB 0.12044	26-Aug-18	05:58:20
95	95 180825M1_95	1802365-05 REEPDW1238FRB 0.11404	26-Aug-18	06:08:53
96	96 180825M1_96	1802366-01 REEPDW1239 0.12	26-Aug-18	06:19:32
97	97 180825M1_97	1802366-02 REEPDW1240 0.12053	26-Aug-18	06:30:05
98	98 180825M1_98	IPA	26-Aug-18	06:40:44
99	99 180825M1_99	ST180825M1-16 PFC CS3 18H2107	26-Aug-18	06:51:16
100	1... 180825M1_100	1802366-03 REEPDW573 0.11989	26-Aug-18	07:01:54
101	1... 180825M1_101	1802367-01 REEPDW1239FRB 0.11812	26-Aug-18	07:12:26
102	1... 180825M1_102	1802367-02 REEPDW1240FRB 0.11881	26-Aug-18	07:23:05
103	1... 180825M1_103	B8H0113-BS1 OPR 0.125	26-Aug-18	07:33:38
104	1... 180825M1_104	B8H0113-BSD1 LCSD 0.125	26-Aug-18	07:44:16

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Printed: Sunday, August 26, 2018 14:57:50 Pacific Daylight Time

Compound name: PFBA

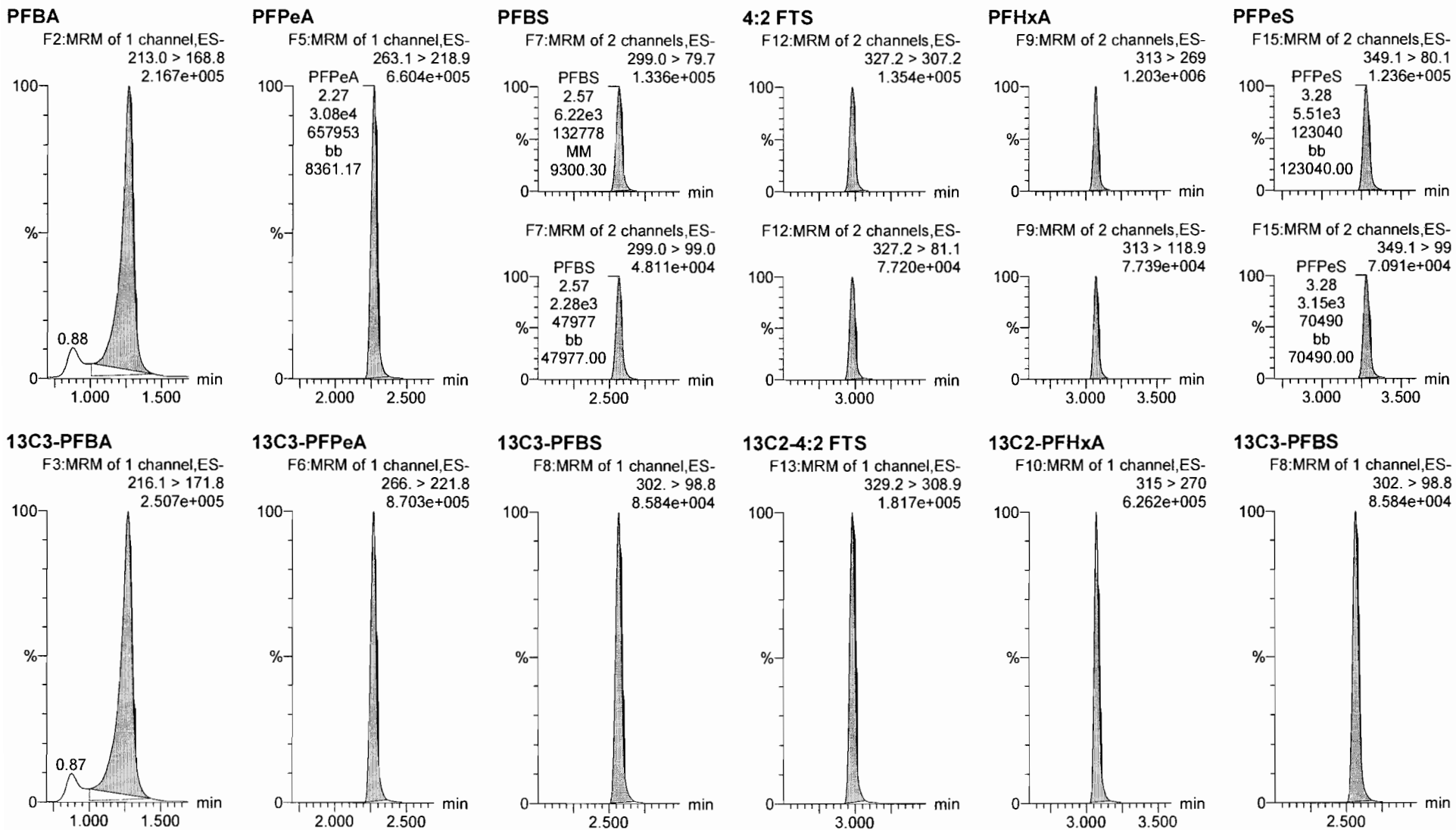
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107	1...	180825M1_107	1802414-02 REEPDW1242 0.11982	26-Aug-18	08:16:00
108	1...	180825M1_108	1802414-03 REEPDW1243 0.11649	26-Aug-18	08:26:38
109	1...	180825M1_109	1802414-04 REEPDW1244 0.11739	26-Aug-18	08:37:10
110	1...	180825M1_110	1802415-01 REEPDW1241FRB 0.12082	26-Aug-18	08:47:49
111	1...	180825M1_111	1802415-02 REEPDW1242FRB 0.12025	26-Aug-18	08:58:22
112	1...	180825M1_112	1802415-03 REEPDW1243FRB 0.12165	26-Aug-18	09:09:00
113	1...	180825M1_113	1802415-04 REEPDW1244FRB 0.1186	26-Aug-18	09:19:32
114	1...	180825M1_114	1802416-01 REEPDW1245 0.11966	26-Aug-18	09:30:11
115	1...	180825M1_115	1802417-01 REEPDW1245FRB 0.12092	26-Aug-18	09:40:44
116	1...	180825M1_116	IPA	26-Aug-18	09:51:22
117	1...	180825M1_117	ST180825M1-17 PFC CS3 18H2107	26-Aug-18	10:02:00

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-62.qld

Last Altered: Sunday, August 26, 2018 14:50:22 Pacific Daylight Time
Printed: Sunday, August 26, 2018 14:50:32 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 14:37:22
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Name: 180825M1_62, Date: 26-Aug-2018, Time: 00:19:12, ID: ST180825M1-13 PFC CS3 18H2107, Description: PFC CS3 18H2107



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-62.qld

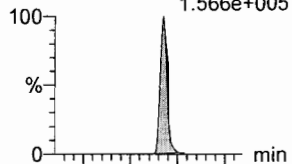
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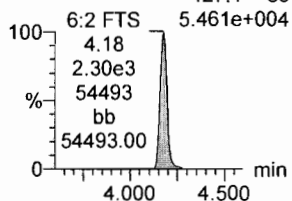
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6:2 FTS

F24:MRM of 2 channels,ES-
427.1 > 407
1.566e+005

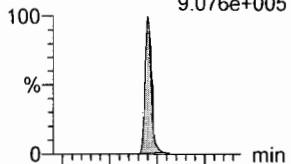


F24:MRM of 2 channels,ES-
427.1 > 80
5.461e+004

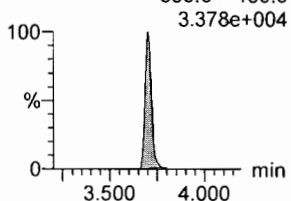


PFHpA

F16:MRM of 2 channels,ES-
363.0 > 318.9
9.076e+005

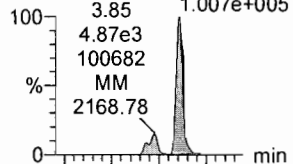


F16:MRM of 2 channels,ES-
363.0 > 169.0
3.378e+004

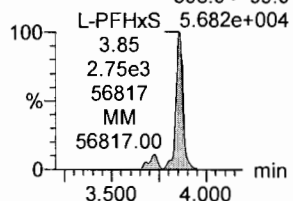


L-PFHxS

F18:MRM of 2 channels,ES-
L-PFHxS 398.9 > 79.6
1.007e+005

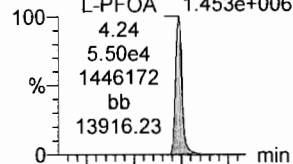


F18:MRM of 2 channels,ES-
L-PFHxS 398.9 > 99.0
5.682e+004

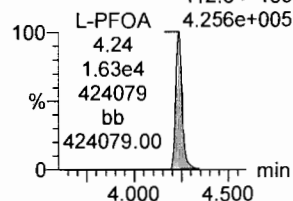


L-PFOA

F21:MRM of 2 channels,ES-
412.8 > 368.9
1.453e+006

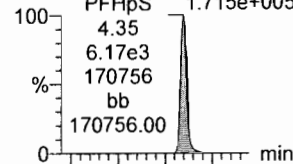


F21:MRM of 2 channels,ES-
412.8 > 169
4.256e+005

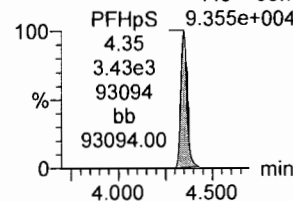


PFHpS

F26:MRM of 2 channels,ES-
449 > 80.0
1.715e+005

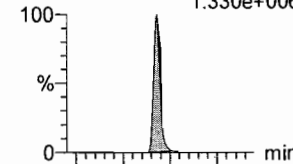


F26:MRM of 2 channels,ES-
449 > 98.7
9.355e+004

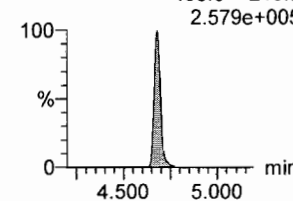


PFNA

F27:MRM of 2 channels,ES-
463.0 > 418.8
1.330e+006

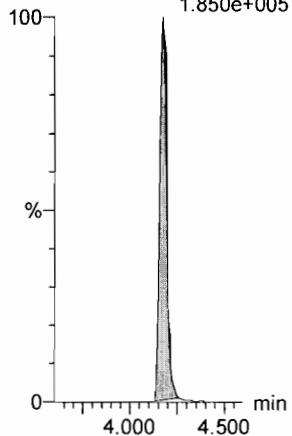


F27:MRM of 2 channels,ES-
463.0 > 219.0
2.579e+005



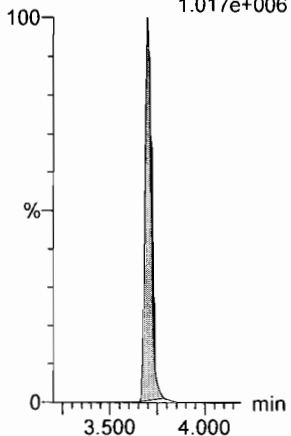
13C2-6:2 FTS

F25:MRM of 1 channel,ES-
429.1 > 408.9
1.850e+005



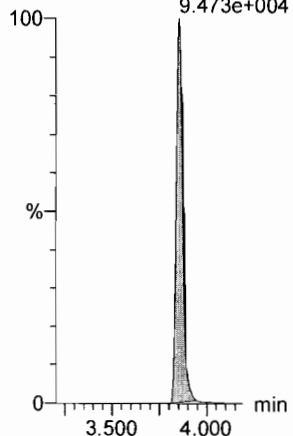
13C4-PFHpA

F17:MRM of 1 channel,ES-
367.2 > 321.8
1.017e+006



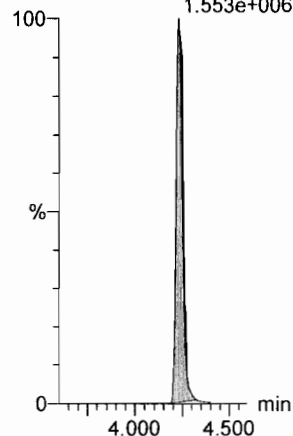
18O2-PFHxS

F20:MRM of 1 channel,ES-
403.0 > 102.6
9.473e+004



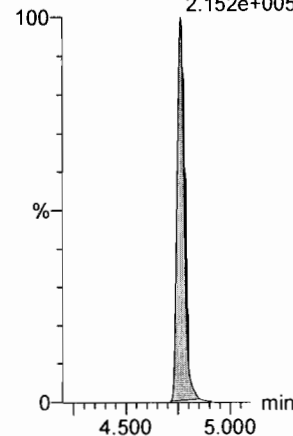
13C2-PFOA

F22:MRM of 1 channel,ES-
414.9 > 369.7
1.553e+006



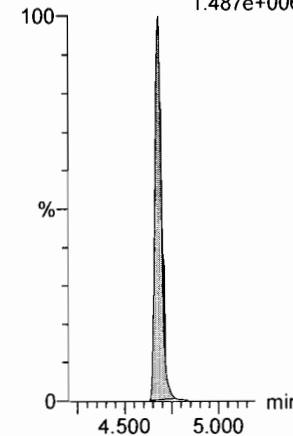
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
2.152e+005



13C5-PFNA

F28:MRM of 1 channel,ES-
468.2 > 422.9
1.487e+006



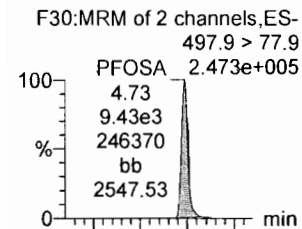
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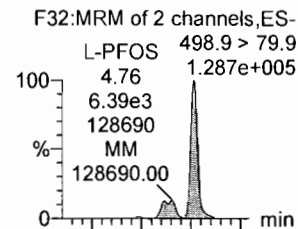
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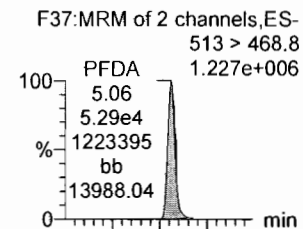
PFOSA



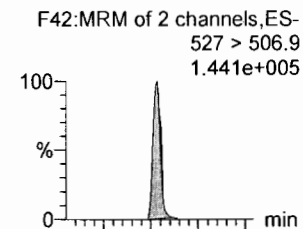
L-PFOS



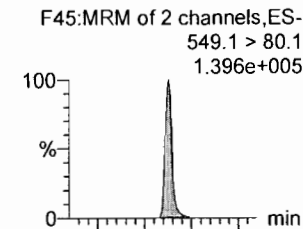
PFDA



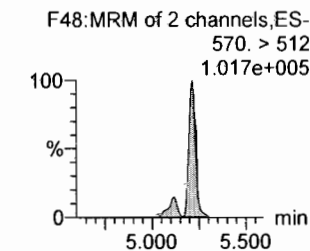
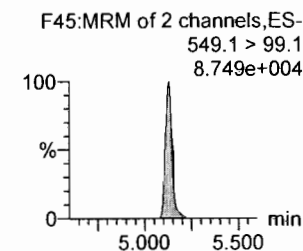
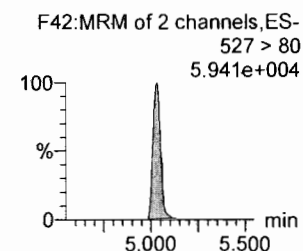
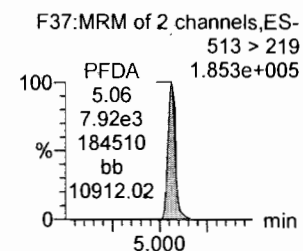
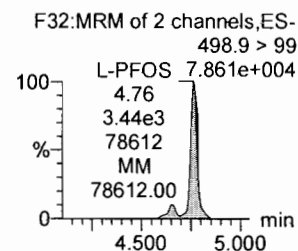
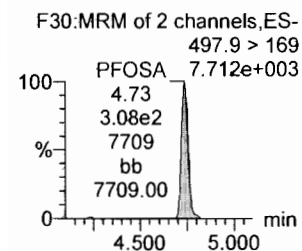
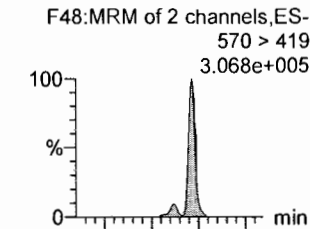
8:2 FTS



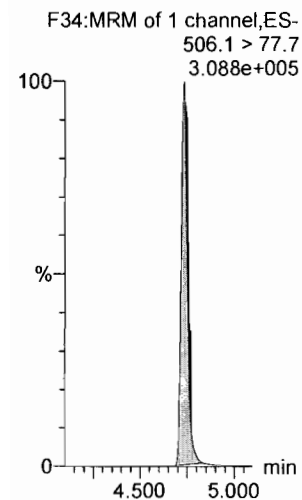
PFNS



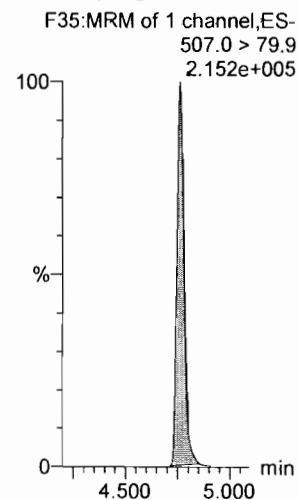
L-MeFOSAA



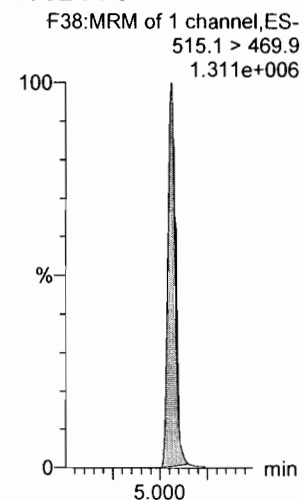
13C8-PFOSA



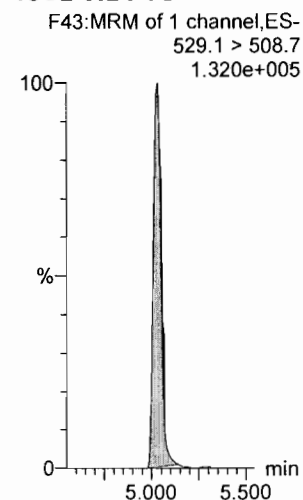
13C8-PFOS



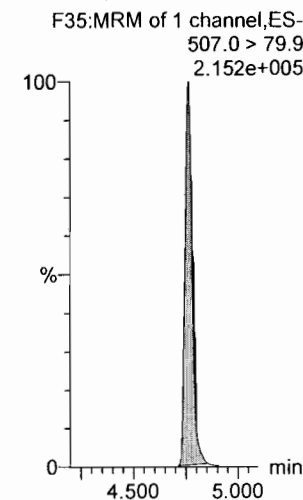
13C2-PFDA



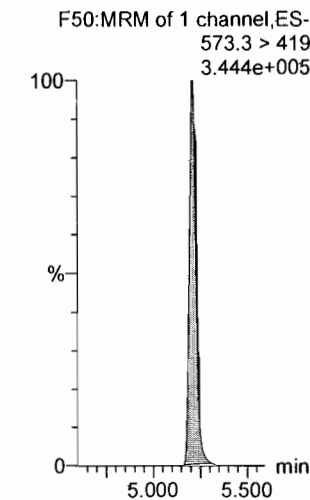
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

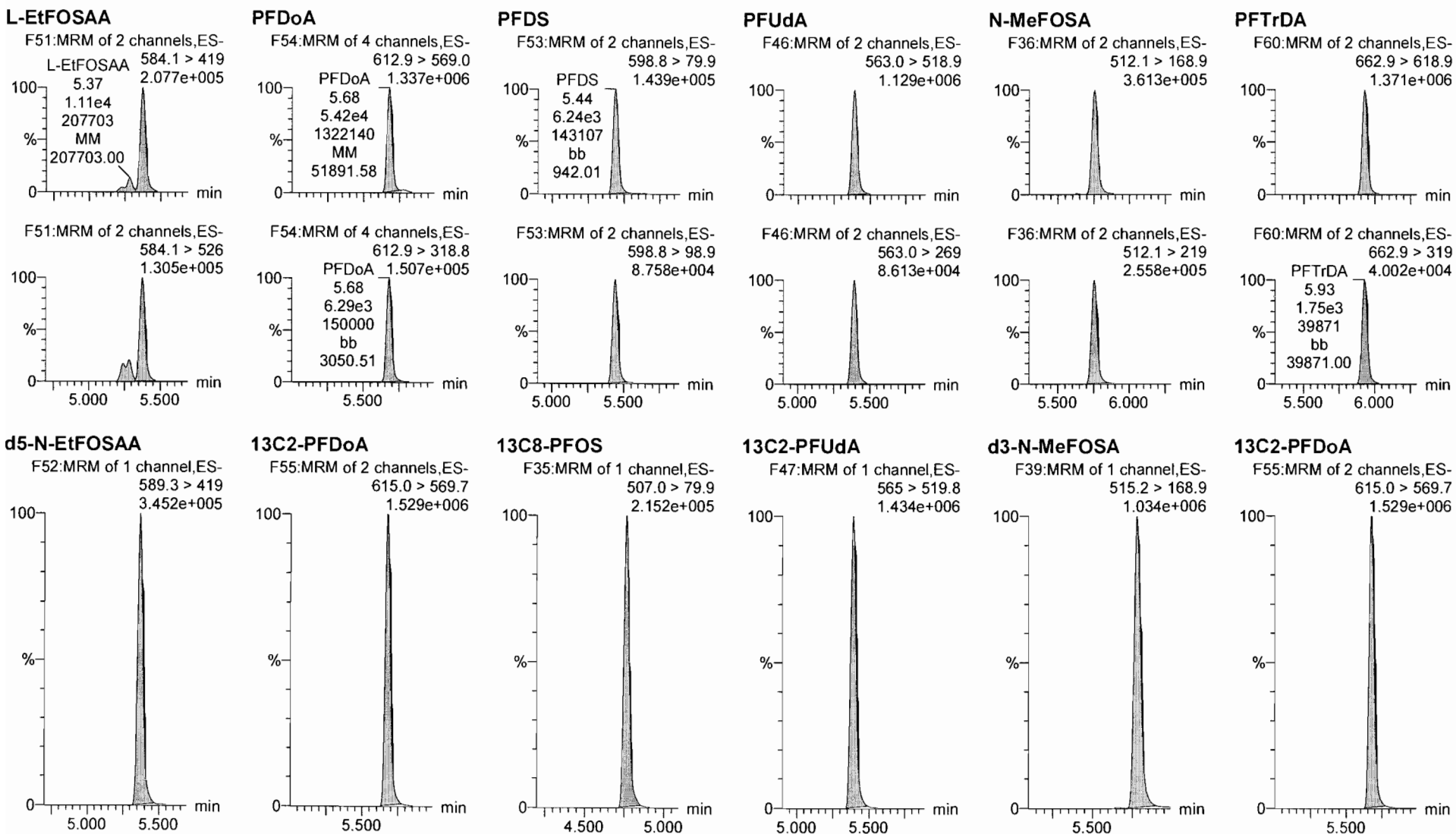


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Printed: Sunday, August 26, 2018 14:50:32 Pacific Daylight Time

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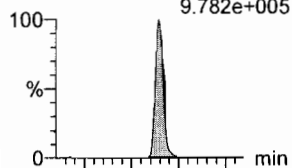
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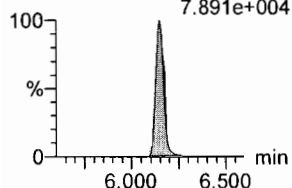
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PFTeDA

F61:MRM of 2 channels,ES-
712.8 > 669.0
9.782e+005

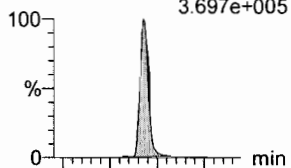


F61:MRM of 2 channels,ES-
712.8 > 368.9
7.891e+004

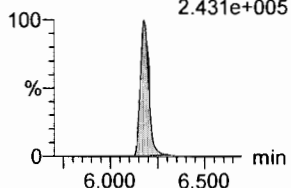


N-EtFOSA

F41:MRM of 2 channels,ES-
526.1 > 168.9
3.697e+005

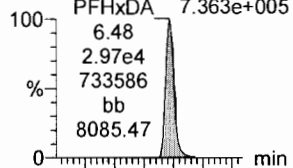


F41:MRM of 2 channels,ES-
526.1 > 219
2.431e+005

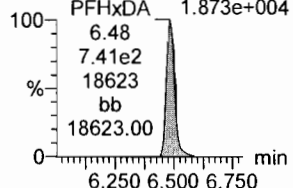


PFHxDA

F63:MRM of 2 channels,ES-
813.1 > 768.6
7.363e+005

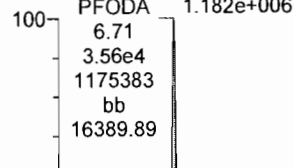


F63:MRM of 2 channels,ES-
813.1 > 219
1.873e+004

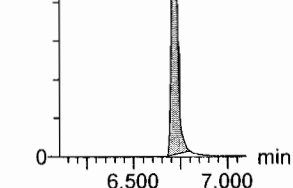


PFODA

F65:MRM of 1 channel,ES-
913.1 > 868.8
1.182e+006

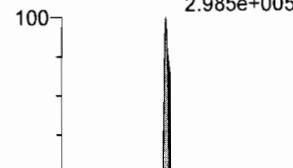


F65:MRM of 1 channel,ES-
913.1 > 868.8
1.182e+006

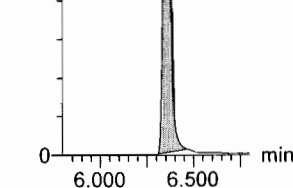


N-MeFOSE

F56:MRM of 1 channel,ES-
616.1 > 58.9
2.985e+005

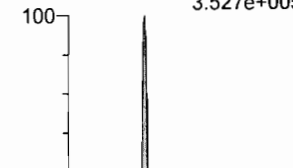


F56:MRM of 1 channel,ES-
616.1 > 58.9
2.985e+005

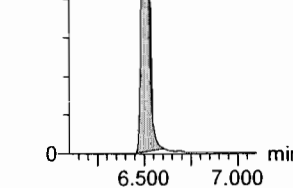


N-EtFOSE

F58:MRM of 1 channel,ES-
630.1 > 58.9
3.527e+005

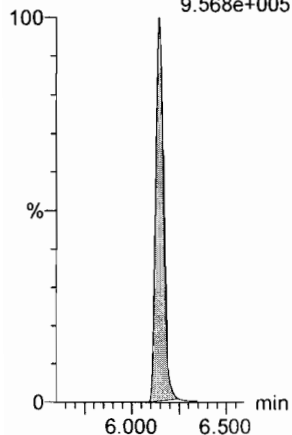


F58:MRM of 1 channel,ES-
630.1 > 58.9
3.527e+005



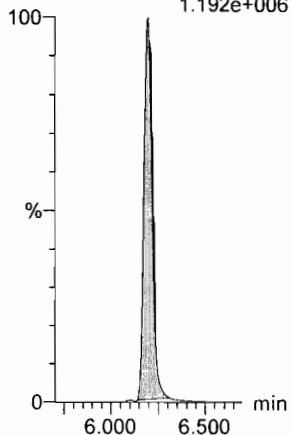
13C2-PFTeDA

F62:MRM of 2 channels,ES-
714.8 > 669.6
9.568e+005



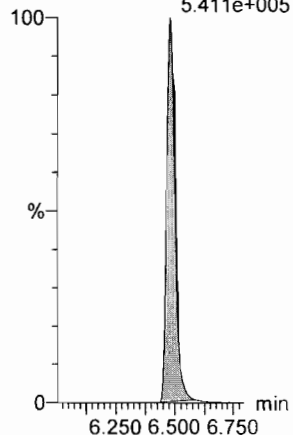
d5-N-ETFOSA

F44:MRM of 1 channel,ES-
531.1 > 168.9
1.192e+006



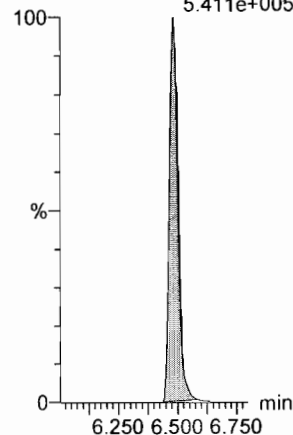
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
5.411e+005



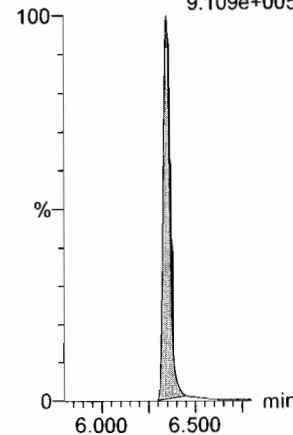
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
5.411e+005



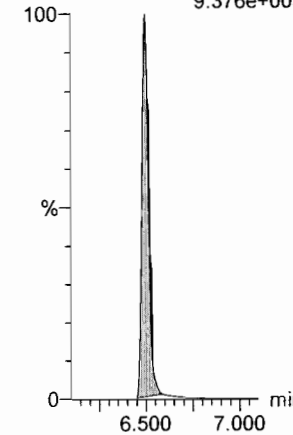
d7-N-MeFOSE

F57:MRM of 1 channel,ES-
623.1 > 58.9
9.109e+005



d9-N-EtFOSE

F59:MRM of 1 channel,ES-
639.2 > 58.8
9.376e+005



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-62.qld

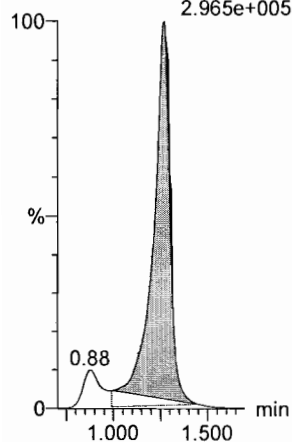
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Name: 180825M1_62, Date: 26-Aug-2018, Time: 00:19:12, ID: ST180825M1-13 PFC CS3 18H2107, Description: PFC CS3 18H2107

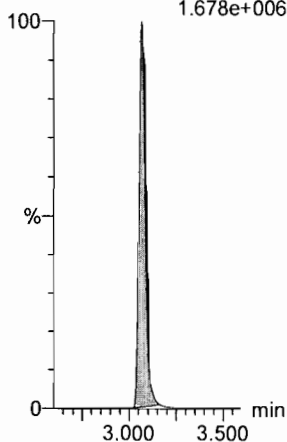
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
2.965e+005



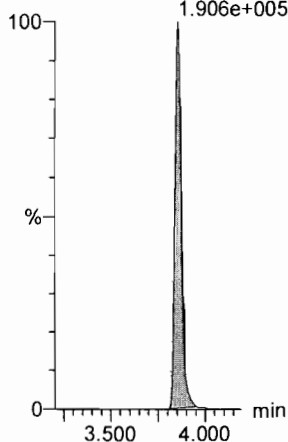
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
1.678e+006



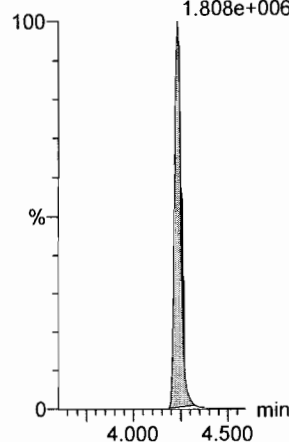
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.906e+005



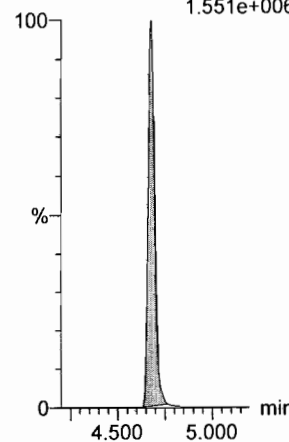
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
1.808e+006



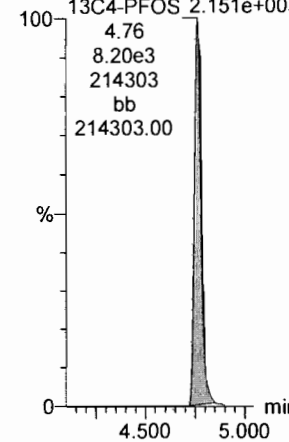
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.551e+006



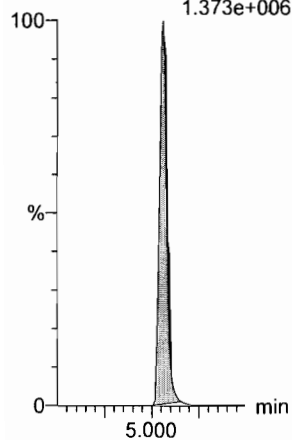
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
2.151e+005



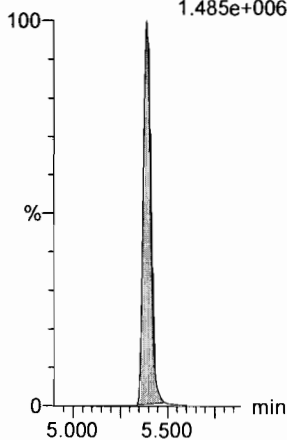
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.373e+006



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
1.485e+006



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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_RS-8-21-18.mdb 22 Aug 2018 09:26:25
Calibration: 27 Aug 2018 11:42:34

Name: 180826M1_7, Date: 26-Aug-2018, Time: 15:16:45, ID: ST180826M1-6 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180826M1-6 PFC CS3 18H2107	1.92e4	100.0	NO
2	2 13C5-PFHxA	ST180826M1-6 PFC CS3 18H2107	5.21e4	100.0	NO
3	3 13C3-PFHxS	ST180826M1-6 PFC CS3 18H2107	6.02e3	100.0	NO
4	4 13C8-PFOA	ST180826M1-6 PFC CS3 18H2107	5.76e4	100.0	NO
5	5 13C9-PFNA	ST180826M1-6 PFC CS3 18H2107	4.83e4	100.0	NO
6	6 13C4-PFOS	ST180826M1-6 PFC CS3 18H2107	6.93e3	100.0	NO
7	7 13C6-PFDA	ST180826M1-6 PFC CS3 18H2107	4.91e4	100.0	NO
8	8 13C7-PFUDa	ST180826M1-6 PFC CS3 18H2107	5.43e4	100.0	NO

Name: 180826M1_8, Date: 26-Aug-2018, Time: 15:27:18, ID: ST180826M1-7 PFC CS4 18H2108, Description: PFC CS4 18H2108

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180826M1-7 PFC CS4 18H2108	1.76e4	91.8	NO
2	2 13C5-PFHxA	ST180826M1-7 PFC CS4 18H2108	4.76e4	91.3	NO
3	3 13C3-PFHxS	ST180826M1-7 PFC CS4 18H2108	5.29e3	87.7	NO
4	4 13C8-PFOA	ST180826M1-7 PFC CS4 18H2108	5.13e4	89.1	NO
5	5 13C9-PFNA	ST180826M1-7 PFC CS4 18H2108	4.31e4	89.3	NO
6	6 13C4-PFOS	ST180826M1-7 PFC CS4 18H2108	6.01e3	86.6	NO
7	7 13C6-PFDA	ST180826M1-7 PFC CS4 18H2108	4.50e4	91.6	NO
8	8 13C7-PFUDa	ST180826M1-7 PFC CS4 18H2108	4.71e4	86.6	NO

Name: 180826M1_9, Date: 26-Aug-2018, Time: 15:37:56, ID: ST180826M1-8 PFC CS5 18H2109, Description: PFC CS5 18H2109

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180826M1-8 PFC CS5 18H2109	1.80e4	93.7	NO
2	2 13C5-PFHxA	ST180826M1-8 PFC CS5 18H2109	4.63e4	88.9	NO
3	3 13C3-PFHxS	ST180826M1-8 PFC CS5 18H2109	5.52e3	91.6	NO
4	4 13C8-PFOA	ST180826M1-8 PFC CS5 18H2109	4.85e4	84.2	NO
5	5 13C9-PFNA	ST180826M1-8 PFC CS5 18H2109	4.31e4	89.3	NO
6	6 13C4-PFOS	ST180826M1-8 PFC CS5 18H2109	5.92e3	85.4	NO
7	7 13C6-PFDA	ST180826M1-8 PFC CS5 18H2109	4.33e4	88.2	NO
8	8 13C7-PFUDa	ST180826M1-8 PFC CS5 18H2109	4.56e4	83.9	NO

Name: 180826M1_10, Date: 26-Aug-2018, Time: 15:48:29, ID: ST180826M1-9 PFC CS6 18H2110, Description: PFC CS6 18H2110

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180826M1-9 PFC CS6 18H2110	1.75e4	91.1	NO
2	2 13C5-PFHxA	ST180826M1-9 PFC CS6 18H2110	4.11e4	78.9	NO
3	3 13C3-PFHxS	ST180826M1-9 PFC CS6 18H2110	4.61e3	76.6	NO
4	4 13C8-PFOA	ST180826M1-9 PFC CS6 18H2110	4.30e4	74.8	NO
5	5 13C9-PFNA	ST180826M1-9 PFC CS6 18H2110	3.77e4	78.1	NO
6	6 13C4-PFOS	ST180826M1-9 PFC CS6 18H2110	5.05e3	72.8	NO
7	7 13C6-PFDA	ST180826M1-9 PFC CS6 18H2110	3.66e4	74.6	NO
8	8 13C7-PFUDa	ST180826M1-9 PFC CS6 18H2110	4.00e4	73.6	NO

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Name: 180826M1_11, Date: 26-Aug-2018, Time: 15:59:08, ID: ST180826M1-10 PFC CS7 18H2111, Description: PFC CS7 18H2111

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180826M1-10 PFC CS7 18H2111	1.70e4	88.5	NO
2	2 13C5-PFHxA	ST180826M1-10 PFC CS7 18H2111	3.56e4	68.4	NO
3	3 13C3-PFHxS	ST180826M1-10 PFC CS7 18H2111	3.84e3	63.7	NO
4	4 13C8-PFOA	ST180826M1-10 PFC CS7 18H2111	3.80e4	66.0	NO
5	5 13C9-PFNA	ST180826M1-10 PFC CS7 18H2111	3.20e4	66.3	NO
6	6 13C4-PFOS	ST180826M1-10 PFC CS7 18H2111	4.36e3	62.9	NO
7	7 13C6-PFDA	ST180826M1-10 PFC CS7 18H2111	3.06e4	62.3	NO
8	8 13C7-PFUDa	ST180826M1-10 PFC CS7 18H2111	3.18e4	58.6	NO

Name: 180826M1_12, Date: 26-Aug-2018, Time: 16:09:41, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA	5.33e0	0.0	YES
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 180826M1_13, Date: 26-Aug-2018, Time: 16:20:19, ID: ICV180826M1-1 PFC 537 ICV 18H2112, Description: PFC 537 ICV 18H2112

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ICV180826M1-1 PFC 537 ICV 18H2112	1.92e4	99.8	NO
2	2 13C5-PFHxA	ICV180826M1-1 PFC 537 ICV 18H2112	5.39e4	103.4	NO
3	3 13C3-PFHxS	ICV180826M1-1 PFC 537 ICV 18H2112	5.97e3	99.0	NO
4	4 13C8-PFOA	ICV180826M1-1 PFC 537 ICV 18H2112	5.90e4	102.4	NO
5	5 13C9-PFNA	ICV180826M1-1 PFC 537 ICV 18H2112	5.32e4	110.2	NO
6	6 13C4-PFOS	ICV180826M1-1 PFC 537 ICV 18H2112	7.13e3	102.9	NO
7	7 13C6-PFDA	ICV180826M1-1 PFC 537 ICV 18H2112	4.78e4	97.3	NO
8	8 13C7-PFUDa	ICV180826M1-1 PFC 537 ICV 18H2112	5.49e4	101.0	NO

Name: 180826M1_14, Date: 26-Aug-2018, Time: 16:30:54, ID: 1802094-07 SA-MW128I-20180726 0.253, Description: SA-MW128I-20180726

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-07 SA-MW128I-20180726 0.253	1.74e4	90.6	NO
2	2 13C5-PFHxA	1802094-07 SA-MW128I-20180726 0.253	3.53e4	67.7	NO
3	3 13C3-PFHxS	1802094-07 SA-MW128I-20180726 0.253	4.53e3	75.3	NO
4	4 13C8-PFOA	1802094-07 SA-MW128I-20180726 0.253	3.87e4	67.2	NO
5	5 13C9-PFNA	1802094-07 SA-MW128I-20180726 0.253	2.57e4	53.3	NO
6	6 13C4-PFOS	1802094-07 SA-MW128I-20180726 0.253	4.93e3	71.2	NO
7	7 13C6-PFDA	1802094-07 SA-MW128I-20180726 0.253	3.39e4	69.1	NO
8	8 13C7-PFUDa	1802094-07 SA-MW128I-20180726 0.253	3.78e4	69.7	NO

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Name: 180826M1_15, Date: 26-Aug-2018, Time: 16:41:30, ID: 1802094-08 SA-PZ144I-20180726 0.26852, Description: SA-PZ144I-20180726

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-08 SA-PZ144I-20180726 0.26...	1.36e4	70.9	NO
2	2 13C5-PFHxA	1802094-08 SA-PZ144I-20180726 0.26...	2.78e4	53.3	NO
3	3 13C3-PFHxS	1802094-08 SA-PZ144I-20180726 0.26...	4.66e3	77.4	NO
4	4 13C8-PFOA	1802094-08 SA-PZ144I-20180726 0.26...	3.44e4	59.8	NO
5	5 13C9-PFNA	1802094-08 SA-PZ144I-20180726 0.26...	3.01e4	62.4	NO
6	6 13C4-PFOS	1802094-08 SA-PZ144I-20180726 0.26...	4.98e3	71.8	NO
7	7 13C6-PFDA	1802094-08 SA-PZ144I-20180726 0.26...	3.11e4	63.4	NO
8	8 13C7-PFUdA	1802094-08 SA-PZ144I-20180726 0.26...	3.72e4	68.4	NO

Name: 180826M1_16, Date: 26-Aug-2018, Time: 16:52:02, ID: 1802094-19 FRB02-072718 0.11299, Description: FRB02-072718

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-19 FRB02-072718 0.11299	6.01e4	312.7	YES
2	2 13C5-PFHxA	1802094-19 FRB02-072718 0.11299	1.28e5	246.0	YES
3	3 13C3-PFHxS	1802094-19 FRB02-072718 0.11299	1.74e4	288.2	YES
4	4 13C8-PFOA	1802094-19 FRB02-072718 0.11299	1.36e5	235.9	YES
5	5 13C9-PFNA	1802094-19 FRB02-072718 0.11299	1.15e5	238.5	YES
6	6 13C4-PFOS	1802094-19 FRB02-072718 0.11299	1.83e4	263.6	YES
7	7 13C6-PFDA	1802094-19 FRB02-072718 0.11299	1.07e5	217.7	YES
8	8 13C7-PFUdA	1802094-19 FRB02-072718 0.11299	1.06e5	194.7	YES

Name: 180826M1_17, Date: 26-Aug-2018, Time: 17:02:41, ID: 1802366-03 REEPDW573 0.11989, Description: REEPDW573

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802366-03 REEPDW573 0.11989	4.32e4	225.0	YES
2	2 13C5-PFHxA	1802366-03 REEPDW573 0.11989	8.96e4	172.0	YES
3	3 13C3-PFHxS	1802366-03 REEPDW573 0.11989	1.20e4	198.6	YES
4	4 13C8-PFOA	1802366-03 REEPDW573 0.11989	9.82e4	170.6	YES
5	5 13C9-PFNA	1802366-03 REEPDW573 0.11989	8.91e4	184.5	YES
6	6 13C4-PFOS	1802366-03 REEPDW573 0.11989	1.33e4	191.8	YES
7	7 13C6-PFDA	1802366-03 REEPDW573 0.11989	9.05e4	184.4	YES
8	8 13C7-PFUdA	1802366-03 REEPDW573 0.11989	1.04e5	191.5	YES

Name: 180826M1_18, Date: 26-Aug-2018, Time: 17:13:16, ID: 1802094-06 SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-06 SA-PZ145D-20180726 0.2...	1.72e4	89.5	NO
2	2 13C5-PFHxA	1802094-06 SA-PZ145D-20180726 0.2...	3.40e4	65.3	NO
3	3 13C3-PFHxS	1802094-06 SA-PZ145D-20180726 0.2...	4.55e3	75.5	NO
4	4 13C8-PFOA	1802094-06 SA-PZ145D-20180726 0.2...	3.85e4	66.9	NO
5	5 13C9-PFNA	1802094-06 SA-PZ145D-20180726 0.2...	2.44e4	50.5	NO
6	6 13C4-PFOS	1802094-06 SA-PZ145D-20180726 0.2...	4.49e3	64.8	NO
7	7 13C6-PFDA	1802094-06 SA-PZ145D-20180726 0.2...	3.25e4	66.3	NO
8	8 13C7-PFUdA	1802094-06 SA-PZ145D-20180726 0.2...	3.59e4	66.1	NO

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Name: 180826M1_19, Date: 26-Aug-2018, Time: 17:23:53, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	6.06e0	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 180826M1_20, Date: 26-Aug-2018, Time: 17:34:26, ID: 1802094-05@5X SA-PZ145I-20180726 0.25273, Description: SA-PZ145I-20180726

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-05@5X SA-PZ145I-20180726 ...	3.60e3	18.7	YES
2	2 13C5-PFHxA	1802094-05@5X SA-PZ145I-20180726 ...	7.08e3	13.6	YES
3	3 13C3-PFHxS	1802094-05@5X SA-PZ145I-20180726 ...	9.61e2	16.0	YES
4	4 13C8-PFOA	1802094-05@5X SA-PZ145I-20180726 ...	7.99e3	13.9	YES
5	5 13C9-PFNA	1802094-05@5X SA-PZ145I-20180726 ...	6.39e3	13.2	YES
6	6 13C4-PFOS	1802094-05@5X SA-PZ145I-20180726 ...	1.09e3	15.8	YES
7	7 13C6-PFDA	1802094-05@5X SA-PZ145I-20180726 ...	6.98e3	14.2	YES
8	8 13C7-PFUDa	1802094-05@5X SA-PZ145I-20180726 ...	7.88e3	14.5	YES

Name: 180826M1_21, Date: 26-Aug-2018, Time: 17:45:04, ID: 1802094-06@5X SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-06@5X SA-PZ145D-2018072...	5.02e3	26.1	YES
2	2 13C5-PFHxA	1802094-06@5X SA-PZ145D-2018072...	9.44e3	18.1	YES
3	3 13C3-PFHxS	1802094-06@5X SA-PZ145D-2018072...	1.26e3	20.9	YES
4	4 13C8-PFOA	1802094-06@5X SA-PZ145D-2018072...	1.10e4	19.0	YES
5	5 13C9-PFNA	1802094-06@5X SA-PZ145D-2018072...	8.53e3	17.7	YES
6	6 13C4-PFOS	1802094-06@5X SA-PZ145D-2018072...	1.41e3	20.3	YES
7	7 13C6-PFDA	1802094-06@5X SA-PZ145D-2018072...	9.26e3	18.9	YES
8	8 13C7-PFUDa	1802094-06@5X SA-PZ145D-2018072...	1.04e4	19.2	YES

Name: 180826M1_22, Date: 26-Aug-2018, Time: 17:55:37, ID: B8G0192-MS1 Matrix Spike 0.25154, Description: Matrix Spike

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8G0192-MS1 Matrix Spike 0.25154	1.68e4	87.4	NO
2	2 13C5-PFHxA	B8G0192-MS1 Matrix Spike 0.25154	3.33e4	64.0	NO
3	3 13C3-PFHxS	B8G0192-MS1 Matrix Spike 0.25154	4.42e3	73.4	NO
4	4 13C8-PFOA	B8G0192-MS1 Matrix Spike 0.25154	3.78e4	65.6	NO
5	5 13C9-PFNA	B8G0192-MS1 Matrix Spike 0.25154	3.37e4	69.8	NO
6	6 13C4-PFOS	B8G0192-MS1 Matrix Spike 0.25154	4.84e3	69.8	NO
7	7 13C6-PFDA	B8G0192-MS1 Matrix Spike 0.25154	3.40e4	69.2	NO
8	8 13C7-PFUDa	B8G0192-MS1 Matrix Spike 0.25154	3.90e4	71.8	NO

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Name: 180826M1_23, Date: 26-Aug-2018, Time: 18:06:16, ID: B8G0192-MSD1 Matrix Spike Dup 0.24766, Description: Matrix Spike Dup

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8G0192-MSD1 Matrix Spike Dup 0.247...	1.63e4	85.0	NO
2	2 13C5-PFHxA	B8G0192-MSD1 Matrix Spike Dup 0.247...	3.08e4	59.1	NO
3	3 13C3-PFHxS	B8G0192-MSD1 Matrix Spike Dup 0.247...	4.24e3	70.4	NO
4	4 13C8-PFOA	B8G0192-MSD1 Matrix Spike Dup 0.247...	3.55e4	61.6	NO
5	5 13C9-PFNA	B8G0192-MSD1 Matrix Spike Dup 0.247...	3.15e4	65.2	NO
6	6 13C4-PFOS	B8G0192-MSD1 Matrix Spike Dup 0.247...	4.58e3	66.1	NO
7	7 13C6-PFDA	B8G0192-MSD1 Matrix Spike Dup 0.247...	3.07e4	62.5	NO
8	8 13C7-PFUDa	B8G0192-MSD1 Matrix Spike Dup 0.247...	3.51e4	64.7	NO

Name: 180826M1_24, Date: 26-Aug-2018, Time: 18:16:49, ID: 1801939-01 SWIN1807191030GGA 0.25584, Description: SWIN1807191030GGA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801939-01 SWIN1807191030GGA 0.2...	1.88e4	98.0	NO
2	2 13C5-PFHxA	1801939-01 SWIN1807191030GGA 0.2...	3.67e4	70.5	NO
3	3 13C3-PFHxS	1801939-01 SWIN1807191030GGA 0.2...	4.78e3	79.3	NO
4	4 13C8-PFOA	1801939-01 SWIN1807191030GGA 0.2...	4.05e4	70.3	NO
5	5 13C9-PFNA	1801939-01 SWIN1807191030GGA 0.2...	3.62e4	75.0	NO
6	6 13C4-PFOS	1801939-01 SWIN1807191030GGA 0.2...	5.12e3	73.8	NO
7	7 13C6-PFDA	1801939-01 SWIN1807191030GGA 0.2...	3.40e4	69.4	NO
8	8 13C7-PFUDa	1801939-01 SWIN1807191030GGA 0.2...	4.21e4	77.5	NO

Name: 180826M1_25, Date: 26-Aug-2018, Time: 18:27:27, ID: 1801939-02 SWEF1807191020GGA 0.25372, Description: SWEF1807191020GGA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801939-02 SWEF1807191020GGA 0....	1.56e4	81.1	NO
2	2 13C5-PFHxA	1801939-02 SWEF1807191020GGA 0....	3.10e4	59.6	NO
3	3 13C3-PFHxS	1801939-02 SWEF1807191020GGA 0....	4.00e3	66.4	NO
4	4 13C8-PFOA	1801939-02 SWEF1807191020GGA 0....	3.43e4	59.6	NO
5	5 13C9-PFNA	1801939-02 SWEF1807191020GGA 0....	3.07e4	63.7	NO
6	6 13C4-PFOS	1801939-02 SWEF1807191020GGA 0....	4.39e3	63.4	NO
7	7 13C6-PFDA	1801939-02 SWEF1807191020GGA 0....	3.10e4	63.2	NO
8	8 13C7-PFUDa	1801939-02 SWEF1807191020GGA 0....	3.44e4	63.3	NO

Name: 180826M1_26, Date: 26-Aug-2018, Time: 18:38:01, ID: 1801940-01 SWIN1807191120GGA 0.2472, Description: SWIN1807191120GGA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801940-01 SWIN1807191120GGA 0.2...	1.62e4	84.4	NO
2	2 13C5-PFHxA	1801940-01 SWIN1807191120GGA 0.2...	3.21e4	61.5	NO
3	3 13C3-PFHxS	1801940-01 SWIN1807191120GGA 0.2...	4.11e3	68.2	NO
4	4 13C8-PFOA	1801940-01 SWIN1807191120GGA 0.2...	3.55e4	61.7	NO
5	5 13C9-PFNA	1801940-01 SWIN1807191120GGA 0.2...	3.09e4	64.0	NO
6	6 13C4-PFOS	1801940-01 SWIN1807191120GGA 0.2...	4.54e3	65.5	NO
7	7 13C6-PFDA	1801940-01 SWIN1807191120GGA 0.2...	3.24e4	66.1	NO
8	8 13C7-PFUDa	1801940-01 SWIN1807191120GGA 0.2...	3.72e4	68.5	NO

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Name: 180826M1_27, Date: 26-Aug-2018, Time: 18:48:39, ID: 1801940-02 SWEF1807191130GGA 0.25001, Description: SWEF1807191130GGA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801940-02 SWEF1807191130GGA 0...	1.52e4	79.1	NO
2	2 13C5-PFHxA	1801940-02 SWEF1807191130GGA 0...	3.06e4	58.7	NO
3	3 13C3-PFHxS	1801940-02 SWEF1807191130GGA 0...	4.18e3	69.4	NO
4	4 13C8-PFOA	1801940-02 SWEF1807191130GGA 0...	3.42e4	59.4	NO
5	5 13C9-PFNA	1801940-02 SWEF1807191130GGA 0...	3.04e4	63.1	NO
6	6 13C4-PFOS	1801940-02 SWEF1807191130GGA 0...	4.65e3	67.0	NO
7	7 13C6-PFDA	1801940-02 SWEF1807191130GGA 0...	3.17e4	64.5	NO
8	8 13C7-PFUdA	1801940-02 SWEF1807191130GGA 0...	3.42e4	63.0	NO

Name: 180826M1_28, Date: 26-Aug-2018, Time: 18:59:12, ID: 1801944-01 SWIN1807190900GGA 0.25183, Description: SWIN1807190900GGA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801944-01 SWIN1807190900GGA 0.2...	1.73e4	90.1	NO
2	2 13C5-PFHxA	1801944-01 SWIN1807190900GGA 0.2...	3.35e4	64.3	NO
3	3 13C3-PFHxS	1801944-01 SWIN1807190900GGA 0.2...	4.32e3	71.7	NO
4	4 13C8-PFOA	1801944-01 SWIN1807190900GGA 0.2...	3.78e4	65.7	NO
5	5 13C9-PFNA	1801944-01 SWIN1807190900GGA 0.2...	3.29e4	68.3	NO
6	6 13C4-PFOS	1801944-01 SWIN1807190900GGA 0.2...	4.97e3	71.7	NO
7	7 13C6-PFDA	1801944-01 SWIN1807190900GGA 0.2...	3.38e4	68.9	NO
8	8 13C7-PFUdA	1801944-01 SWIN1807190900GGA 0.2...	3.74e4	68.9	NO

Name: 180826M1_29, Date: 26-Aug-2018, Time: 19:09:50, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 180826M1_30, Date: 26-Aug-2018, Time: 19:20:23, ID: ST180826M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180826M1-11 PFC CS3 18H2107	1.93e4	100.4	NO
2	2 13C5-PFHxA	ST180826M1-11 PFC CS3 18H2107	5.26e4	101.0	NO
3	3 13C3-PFHxS	ST180826M1-11 PFC CS3 18H2107	6.24e3	103.6	NO
4	4 13C8-PFOA	ST180826M1-11 PFC CS3 18H2107	6.05e4	105.0	NO
5	5 13C9-PFNA	ST180826M1-11 PFC CS3 18H2107	5.28e4	109.3	NO
6	6 13C4-PFOS	ST180826M1-11 PFC CS3 18H2107	7.05e3	101.7	NO
7	7 13C6-PFDA	ST180826M1-11 PFC CS3 18H2107	5.22e4	106.3	NO
8	8 13C7-PFUdA	ST180826M1-11 PFC CS3 18H2107	5.70e4	104.9	NO

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Name: 180826M1_31, Date: 26-Aug-2018, Time: 19:31:02, ID: 1801944-02 SWEF1807190910GGA 0.24978, Description: SWEF1807190910GGA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801944-02 SWEF1807190910GGA 0...	1.69e4	87.9	NO
2	2 13C5-PFHxA	1801944-02 SWEF1807190910GGA 0...	3.40e4	65.3	NO
3	3 13C3-PFHxS	1801944-02 SWEF1807190910GGA 0...	4.51e3	74.9	NO
4	4 13C8-PFOA	1801944-02 SWEF1807190910GGA 0...	3.77e4	65.4	NO
5	5 13C9-PFNA	1801944-02 SWEF1807190910GGA 0...	3.34e4	69.2	NO
6	6 13C4-PFOS	1801944-02 SWEF1807190910GGA 0...	5.06e3	73.0	NO
7	7 13C6-PFDA	1801944-02 SWEF1807190910GGA 0...	3.46e4	70.5	NO
8	8 13C7-PFUdA	1801944-02 SWEF1807190910GGA 0...	3.66e4	67.4	NO

Name: 180826M1_32, Date: 26-Aug-2018, Time: 19:41:34, ID: 1801995-01 SB-1 0.11452, Description: SB-1

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801995-01 SB-1 0.11452	2.14e4	111.2	NO
2	2 13C5-PFHxA	1801995-01 SB-1 0.11452	4.03e4	77.4	NO
3	3 13C3-PFHxS	1801995-01 SB-1 0.11452	4.34e3	72.1	NO
4	4 13C8-PFOA	1801995-01 SB-1 0.11452	3.71e4	64.4	NO
5	5 13C9-PFNA	1801995-01 SB-1 0.11452	2.98e4	61.7	NO
6	6 13C4-PFOS	1801995-01 SB-1 0.11452	3.88e3	56.0	NO
7	7 13C6-PFDA	1801995-01 SB-1 0.11452	2.48e4	50.6	NO
8	8 13C7-PFUdA	1801995-01 SB-1 0.11452	1.84e4	33.8	YES

Name: 180826M1_33, Date: 26-Aug-2018, Time: 19:52:12, ID: 1801995-02 SB-2 0.11624, Description: SB-2

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801995-02 SB-2 0.11624	1.94e4	100.9	NO
2	2 13C5-PFHxA	1801995-02 SB-2 0.11624	3.78e4	72.5	NO
3	3 13C3-PFHxS	1801995-02 SB-2 0.11624	4.72e3	78.4	NO
4	4 13C8-PFOA	1801995-02 SB-2 0.11624	4.08e4	70.8	NO
5	5 13C9-PFNA	1801995-02 SB-2 0.11624	3.61e4	74.9	NO
6	6 13C4-PFOS	1801995-02 SB-2 0.11624	4.58e3	66.0	NO
7	7 13C6-PFDA	1801995-02 SB-2 0.11624	3.42e4	69.8	NO
8	8 13C7-PFUdA	1801995-02 SB-2 0.11624	2.67e4	49.2	YES

Name: 180826M1_34, Date: 26-Aug-2018, Time: 20:02:45, ID: 1801995-03 MW-5 0.11159, Description: MW-5

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801995-03 MW-5 0.11159	2.17e4	113.0	NO
2	2 13C5-PFHxA	1801995-03 MW-5 0.11159	4.26e4	81.7	NO
3	3 13C3-PFHxS	1801995-03 MW-5 0.11159	5.27e3	87.5	NO
4	4 13C8-PFOA	1801995-03 MW-5 0.11159	4.53e4	78.6	NO
5	5 13C9-PFNA	1801995-03 MW-5 0.11159	4.06e4	84.0	NO
6	6 13C4-PFOS	1801995-03 MW-5 0.11159	5.19e3	74.9	NO
7	7 13C6-PFDA	1801995-03 MW-5 0.11159	3.48e4	70.9	NO
8	8 13C7-PFUdA	1801995-03 MW-5 0.11159	2.23e4	41.0	YES

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Name: 180826M1_35, Date: 26-Aug-2018, Time: 20:13:23, ID: 1802294-01 Bemidji Pilot APR2 lead 0.24725, Description: Bemidji Pilot APR2 lead

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802294-01 Bemidji Pilot APR2 lead 0.2...	2.01e4	104.5	NO
2	2 13C5-PFHxA	1802294-01 Bemidji Pilot APR2 lead 0.2...	4.03e4	77.4	NO
3	3 13C3-PFHxS	1802294-01 Bemidji Pilot APR2 lead 0.2...	5.70e3	94.7	NO
4	4 13C8-PFOA	1802294-01 Bemidji Pilot APR2 lead 0.2...	4.81e4	83.6	NO
5	5 13C9-PFNA	1802294-01 Bemidji Pilot APR2 lead 0.2...	4.35e4	90.2	NO
6	6 13C4-PFOS	1802294-01 Bemidji Pilot APR2 lead 0.2...	6.35e3	91.6	NO
7	7 13C6-PFDA	1802294-01 Bemidji Pilot APR2 lead 0.2...	4.29e4	87.4	NO
8	8 13C7-PFUDa	1802294-01 Bemidji Pilot APR2 lead 0.2...	4.71e4	86.6	NO

Name: 180826M1_36, Date: 26-Aug-2018, Time: 20:24:02, ID: 1802294-02 Bemidji Pilot PSR2 + 0.23755, Description: Bemidji Pilot PSR2 +

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802294-02 Bemidji Pilot PSR2 + 0.23755	1.11e4	57.9	NO
2	2 13C5-PFHxA	1802294-02 Bemidji Pilot PSR2 + 0.23755	2.23e4	42.8	YES
3	3 13C3-PFHxS	1802294-02 Bemidji Pilot PSR2 + 0.23755	2.91e3	48.2	YES
4	4 13C8-PFOA	1802294-02 Bemidji Pilot PSR2 + 0.23755	2.47e4	42.9	YES
5	5 13C9-PFNA	1802294-02 Bemidji Pilot PSR2 + 0.23755	2.39e4	49.4	YES
6	6 13C4-PFOS	1802294-02 Bemidji Pilot PSR2 + 0.23755	3.44e3	49.7	YES
7	7 13C6-PFDA	1802294-02 Bemidji Pilot PSR2 + 0.23755	2.31e4	47.1	YES
8	8 13C7-PFUDa	1802294-02 Bemidji Pilot PSR2 + 0.23755	2.40e4	44.2	YES

Name: 180826M1_37, Date: 26-Aug-2018, Time: 20:34:34, ID: 1802376-01 SWIN1808090910GGA 0.24965, Description: SWIN1808090910GGA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802376-01 SWIN1808090910GGA 0.2...	1.95e4	101.5	NO
2	2 13C5-PFHxA	1802376-01 SWIN1808090910GGA 0.2...	4.06e4	77.8	NO
3	3 13C3-PFHxS	1802376-01 SWIN1808090910GGA 0.2...	5.59e3	92.8	NO
4	4 13C8-PFOA	1802376-01 SWIN1808090910GGA 0.2...	4.30e4	74.7	NO
5	5 13C9-PFNA	1802376-01 SWIN1808090910GGA 0.2...	4.17e4	86.4	NO
6	6 13C4-PFOS	1802376-01 SWIN1808090910GGA 0.2...	6.30e3	90.9	NO
7	7 13C6-PFDA	1802376-01 SWIN1808090910GGA 0.2...	4.20e4	85.6	NO
8	8 13C7-PFUDa	1802376-01 SWIN1808090910GGA 0.2...	4.66e4	85.8	NO

Name: 180826M1_38, Date: 26-Aug-2018, Time: 20:45:13, ID: 1802376-02 SWEF1808090920GGA 0.24149, Description: SWEF1808090920GGA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802376-02 SWEF1808090920GGA 0....	2.09e4	108.9	NO
2	2 13C5-PFHxA	1802376-02 SWEF1808090920GGA 0....	4.38e4	84.1	NO
3	3 13C3-PFHxS	1802376-02 SWEF1808090920GGA 0....	6.16e3	102.2	NO
4	4 13C8-PFOA	1802376-02 SWEF1808090920GGA 0....	4.78e4	83.0	NO
5	5 13C9-PFNA	1802376-02 SWEF1808090920GGA 0....	4.51e4	93.4	NO
6	6 13C4-PFOS	1802376-02 SWEF1808090920GGA 0....	6.86e3	98.9	NO
7	7 13C6-PFDA	1802376-02 SWEF1808090920GGA 0....	4.52e4	92.0	NO
8	8 13C7-PFUDa	1802376-02 SWEF1808090920GGA 0....	5.13e4	94.4	NO

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Name: 180826M1_39, Date: 26-Aug-2018, Time: 20:55:43, ID: 1802383-01 EB01-180808 0.23594, Description: EB01-180808

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802383-01 EB01-180808 0.23594	1.88e4	97.7	NO
2	2 13C5-PFHxA	1802383-01 EB01-180808 0.23594	4.02e4	77.2	NO
3	3 13C3-PFHxS	1802383-01 EB01-180808 0.23594	5.71e3	94.7	NO
4	4 13C8-PFOA	1802383-01 EB01-180808 0.23594	4.65e4	80.8	NO
5	5 13C9-PFNA	1802383-01 EB01-180808 0.23594	4.27e4	88.6	NO
6	6 13C4-PFOS	1802383-01 EB01-180808 0.23594	6.30e3	90.8	NO
7	7 13C6-PFDA	1802383-01 EB01-180808 0.23594	4.28e4	87.3	NO
8	8 13C7-PFUdA	1802383-01 EB01-180808 0.23594	4.60e4	84.7	NO

Name: 180826M1_40, Date: 26-Aug-2018, Time: 21:06:21, ID: 1802383-02 EB02-180808 0.23488, Description: EB02-180808

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802383-02 EB02-180808 0.23488	2.15e4	112.0	NO
2	2 13C5-PFHxA	1802383-02 EB02-180808 0.23488	4.38e4	84.1	NO
3	3 13C3-PFHxS	1802383-02 EB02-180808 0.23488	5.97e3	99.1	NO
4	4 13C8-PFOA	1802383-02 EB02-180808 0.23488	5.07e4	88.0	NO
5	5 13C9-PFNA	1802383-02 EB02-180808 0.23488	4.64e4	96.1	NO
6	6 13C4-PFOS	1802383-02 EB02-180808 0.23488	6.57e3	94.8	NO
7	7 13C6-PFDA	1802383-02 EB02-180808 0.23488	4.50e4	91.7	NO
8	8 13C7-PFUdA	1802383-02 EB02-180808 0.23488	5.02e4	92.5	NO

Name: 180826M1_41, Date: 26-Aug-2018, Time: 21:16:55, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	7.03e0	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA	6.71e0	0.0	YES
5	5 13C9-PFNA	IPA	1.07e1	0.0	YES
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA	6.80e0	0.0	YES

Name: 180826M1_42, Date: 26-Aug-2018, Time: 21:27:33, ID: ST180826M1-12 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180826M1-12 PFC CS3 18H2107	1.91e4	99.3	NO
2	2 13C5-PFHxA	ST180826M1-12 PFC CS3 18H2107	5.44e4	104.4	NO
3	3 13C3-PFHxS	ST180826M1-12 PFC CS3 18H2107	6.18e3	102.6	NO
4	4 13C8-PFOA	ST180826M1-12 PFC CS3 18H2107	6.06e4	105.2	NO
5	5 13C9-PFNA	ST180826M1-12 PFC CS3 18H2107	5.25e4	108.9	NO
6	6 13C4-PFOS	ST180826M1-12 PFC CS3 18H2107	6.81e3	98.3	NO
7	7 13C6-PFDA	ST180826M1-12 PFC CS3 18H2107	5.11e4	104.1	NO
8	8 13C7-PFUdA	ST180826M1-12 PFC CS3 18H2107	5.58e4	102.7	NO

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Name: 180826M1_43, Date: 26-Aug-2018, Time: 21:38:06, ID: 1802383-03 EB03-180808 0.24378, Description: EB03-180808

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802383-03 EB03-180808 0.24378	2.06e4	107.2	NO
2	2 13C5-PFHxA	1802383-03 EB03-180808 0.24378	4.17e4	80.0	NO
3	3 13C3-PFHxS	1802383-03 EB03-180808 0.24378	6.22e3	103.3	NO
4	4 13C8-PFOA	1802383-03 EB03-180808 0.24378	4.75e4	82.5	NO
5	5 13C9-PFNA	1802383-03 EB03-180808 0.24378	4.35e4	90.2	NO
6	6 13C4-PFOS	1802383-03 EB03-180808 0.24378	6.73e3	97.1	NO
7	7 13C6-PFDA	1802383-03 EB03-180808 0.24378	4.32e4	88.1	NO
8	8 13C7-PFUdA	1802383-03 EB03-180808 0.24378	4.99e4	91.9	NO

Name: 180826M1_44, Date: 26-Aug-2018, Time: 21:48:44, ID: 1802409-01 SW-SUMP 0.24091, Description: SW-SUMP

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802409-01 SW-SUMP 0.24091	1.83e4	95.3	NO
2	2 13C5-PFHxA	1802409-01 SW-SUMP 0.24091	3.29e4	63.1	NO
3	3 13C3-PFHxS	1802409-01 SW-SUMP 0.24091	4.13e3	68.5	NO
4	4 13C8-PFOA	1802409-01 SW-SUMP 0.24091	3.87e4	67.2	NO
5	5 13C9-PFNA	1802409-01 SW-SUMP 0.24091	3.69e4	76.4	NO
6	6 13C4-PFOS	1802409-01 SW-SUMP 0.24091	3.15e3	45.4	YES
7	7 13C6-PFDA	1802409-01 SW-SUMP 0.24091	3.74e4	76.2	NO
8	8 13C7-PFUdA	1802409-01 SW-SUMP 0.24091	4.31e4	79.4	NO

Name: 180826M1_45, Date: 26-Aug-2018, Time: 21:59:17, ID: 1802409-03 SW-Field Blank 0.24982, Description: SW-Field Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802409-03 SW-Field Blank 0.24982	2.07e4	107.9	NO
2	2 13C5-PFHxA	1802409-03 SW-Field Blank 0.24982	4.07e4	78.1	NO
3	3 13C3-PFHxS	1802409-03 SW-Field Blank 0.24982	5.68e3	94.3	NO
4	4 13C8-PFOA	1802409-03 SW-Field Blank 0.24982	4.55e4	79.0	NO
5	5 13C9-PFNA	1802409-03 SW-Field Blank 0.24982	4.34e4	90.0	NO
6	6 13C4-PFOS	1802409-03 SW-Field Blank 0.24982	6.17e3	89.0	NO
7	7 13C6-PFDA	1802409-03 SW-Field Blank 0.24982	4.27e4	87.0	NO
8	8 13C7-PFUdA	1802409-03 SW-Field Blank 0.24982	4.93e4	90.9	NO

Name: 180826M1_46, Date: 26-Aug-2018, Time: 22:09:55, ID: B8G0208-BS1 OPR 0.25, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8G0208-BS1 OPR 0.25	1.09e5	568.8	YES
2	2 13C5-PFHxA	B8G0208-BS1 OPR 0.25	2.17e5	416.8	YES
3	3 13C3-PFHxS	B8G0208-BS1 OPR 0.25	2.57e4	425.9	YES
4	4 13C8-PFOA	B8G0208-BS1 OPR 0.25	2.31e5	401.2	YES
5	5 13C9-PFNA	B8G0208-BS1 OPR 0.25	1.88e5	390.0	YES
6	6 13C4-PFOS	B8G0208-BS1 OPR 0.25	2.37e4	342.0	YES
7	7 13C6-PFDA	B8G0208-BS1 OPR 0.25	1.53e5	311.5	YES
8	8 13C7-PFUdA	B8G0208-BS1 OPR 0.25	6.43e4	118.4	NO

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Name: 180826M1_47, Date: 26-Aug-2018, Time: 22:20:27, ID: B8G0208-BLK1 Method Blank 0.25, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8G0208-BLK1 Method Blank 0.25			NO
2	2 13C5-PFHxA	B8G0208-BLK1 Method Blank 0.25	7.65e0	0.0	YES
3	3 13C3-PFHxS	B8G0208-BLK1 Method Blank 0.25			NO
4	4 13C8-PFOA	B8G0208-BLK1 Method Blank 0.25	8.03e0	0.0	YES
5	5 13C9-PFNA	B8G0208-BLK1 Method Blank 0.25	1.27e1	0.0	YES
6	6 13C4-PFOS	B8G0208-BLK1 Method Blank 0.25			NO
7	7 13C6-PFDA	B8G0208-BLK1 Method Blank 0.25	6.64e0	0.0	YES
8	8 13C7-PFUDa	B8G0208-BLK1 Method Blank 0.25			NO

Name: 180826M1_48, Date: 26-Aug-2018, Time: 22:31:06, ID: B8G0208-MS1 Matrix Spike 0.22586, Description: Matrix Spike

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8G0208-MS1 Matrix Spike 0.22586	1.66e4	86.6	NO
2	2 13C5-PFHxA	B8G0208-MS1 Matrix Spike 0.22586	3.21e4	61.6	NO
3	3 13C3-PFHxS	B8G0208-MS1 Matrix Spike 0.22586	4.49e3	74.5	NO
4	4 13C8-PFOA	B8G0208-MS1 Matrix Spike 0.22586	3.78e4	65.6	NO
5	5 13C9-PFNA	B8G0208-MS1 Matrix Spike 0.22586	3.37e4	69.9	NO
6	6 13C4-PFOS	B8G0208-MS1 Matrix Spike 0.22586	5.25e3	75.7	NO
7	7 13C6-PFDA	B8G0208-MS1 Matrix Spike 0.22586	3.42e4	69.7	NO
8	8 13C7-PFUDa	B8G0208-MS1 Matrix Spike 0.22586	3.52e4	64.8	NO

Name: 180826M1_49, Date: 26-Aug-2018, Time: 22:41:39, ID: B8G0208-MSD1 Matrix Spike Dup 0.22634, Description: Matrix Spike Dup

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8G0208-MSD1 Matrix Spike Dup 0.226...	1.57e4	81.6	NO
2	2 13C5-PFHxA	B8G0208-MSD1 Matrix Spike Dup 0.226...	3.12e4	59.9	NO
3	3 13C3-PFHxS	B8G0208-MSD1 Matrix Spike Dup 0.226...	4.65e3	77.1	NO
4	4 13C8-PFOA	B8G0208-MSD1 Matrix Spike Dup 0.226...	3.50e4	60.8	NO
5	5 13C9-PFNA	B8G0208-MSD1 Matrix Spike Dup 0.226...	3.31e4	68.5	NO
6	6 13C4-PFOS	B8G0208-MSD1 Matrix Spike Dup 0.226...	5.26e3	75.9	NO
7	7 13C6-PFDA	B8G0208-MSD1 Matrix Spike Dup 0.226...	2.92e4	59.5	NO
8	8 13C7-PFUDa	B8G0208-MSD1 Matrix Spike Dup 0.226...	3.73e4	68.6	NO

Name: 180826M1_50, Date: 26-Aug-2018, Time: 22:52:17, ID: 1801930-01 94121 0.23631, Description: 94121

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801930-01 94121 0.23631	3.95e4	205.5	YES
2	2 13C5-PFHxA	1801930-01 94121 0.23631	7.76e4	149.0	NO
3	3 13C3-PFHxS	1801930-01 94121 0.23631	1.04e4	172.9	YES
4	4 13C8-PFOA	1801930-01 94121 0.23631	8.26e4	143.4	NO
5	5 13C9-PFNA	1801930-01 94121 0.23631	7.42e4	153.8	YES
6	6 13C4-PFOS	1801930-01 94121 0.23631	1.13e4	162.6	YES
7	7 13C6-PFDA	1801930-01 94121 0.23631	7.01e4	142.7	NO
8	8 13C7-PFUDa	1801930-01 94121 0.23631	4.79e4	88.3	NO

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Name: 180826M1_51, Date: 26-Aug-2018, Time: 23:02:51, ID: 1801930-02 94122 0.24258, Description: 94122

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801930-02 94122 0.24258	1.45e4	75.7	NO
2	2 13C5-PFHxA	1801930-02 94122 0.24258	2.96e4	56.9	NO
3	3 13C3-PFHxS	1801930-02 94122 0.24258	4.05e3	67.2	NO
4	4 13C8-PFOA	1801930-02 94122 0.24258	3.31e4	57.5	NO
5	5 13C9-PFNA	1801930-02 94122 0.24258	3.03e4	62.8	NO
6	6 13C4-PFOS	1801930-02 94122 0.24258	4.59e3	66.2	NO
7	7 13C6-PFDA	1801930-02 94122 0.24258	3.06e4	62.4	NO
8	8 13C7-PFUDa	1801930-02 94122 0.24258	2.93e4	54.0	NO

Name: 180826M1_52, Date: 26-Aug-2018, Time: 23:13:29, ID: 1801930-03 94123 0.2353, Description: 94123

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801930-03 94123 0.2353	3.78e4	196.6	YES
2	2 13C5-PFHxA	1801930-03 94123 0.2353	7.73e4	148.4	NO
3	3 13C3-PFHxS	1801930-03 94123 0.2353	1.02e4	168.6	YES
4	4 13C8-PFOA	1801930-03 94123 0.2353	8.09e4	140.5	NO
5	5 13C9-PFNA	1801930-03 94123 0.2353	7.63e4	158.1	YES
6	6 13C4-PFOS	1801930-03 94123 0.2353	1.12e4	161.1	YES
7	7 13C6-PFDA	1801930-03 94123 0.2353	7.28e4	148.4	NO
8	8 13C7-PFUDa	1801930-03 94123 0.2353	5.02e4	92.5	NO

Name: 180826M1_53, Date: 26-Aug-2018, Time: 23:24:02, ID: 1801930-04 94124 0.20664, Description: 94124

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801930-04 94124 0.20664	1.69e4	88.0	NO
2	2 13C5-PFHxA	1801930-04 94124 0.20664	3.24e4	62.1	NO
3	3 13C3-PFHxS	1801930-04 94124 0.20664	4.12e3	68.4	NO
4	4 13C8-PFOA	1801930-04 94124 0.20664	3.47e4	60.3	NO
5	5 13C9-PFNA	1801930-04 94124 0.20664	3.19e4	66.1	NO
6	6 13C4-PFOS	1801930-04 94124 0.20664	4.71e3	67.9	NO
7	7 13C6-PFDA	1801930-04 94124 0.20664	3.32e4	67.7	NO
8	8 13C7-PFUDa	1801930-04 94124 0.20664	3.29e4	60.7	NO

Name: 180826M1_54, Date: 26-Aug-2018, Time: 23:34:41, ID: 1801930-05 94125 0.23386, Description: 94125

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801930-05 94125 0.23386	1.53e4	79.6	NO
2	2 13C5-PFHxA	1801930-05 94125 0.23386	3.08e4	59.1	NO
3	3 13C3-PFHxS	1801930-05 94125 0.23386	4.21e3	69.8	NO
4	4 13C8-PFOA	1801930-05 94125 0.23386	3.35e4	58.2	NO
5	5 13C9-PFNA	1801930-05 94125 0.23386	3.14e4	65.1	NO
6	6 13C4-PFOS	1801930-05 94125 0.23386	4.51e3	65.1	NO
7	7 13C6-PFDA	1801930-05 94125 0.23386	3.12e4	63.5	NO
8	8 13C7-PFUDa	1801930-05 94125 0.23386	3.16e4	58.3	NO

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Name: 180826M1_55, Date: 26-Aug-2018, Time: 23:45:14, ID: 1801930-06 94126 0.224, Description: 94126

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801930-06 94126 0.224	1.56e4	81.2	NO
2	2 13C5-PFHxA	1801930-06 94126 0.224	3.06e4	58.8	NO
3	3 13C3-PFHxS	1801930-06 94126 0.224	4.20e3	69.7	NO
4	4 13C8-PFOA	1801930-06 94126 0.224	3.57e4	62.0	NO
5	5 13C9-PFNA	1801930-06 94126 0.224	3.24e4	67.0	NO
6	6 13C4-PFOS	1801930-06 94126 0.224	4.73e3	68.3	NO
7	7 13C6-PFDA	1801930-06 94126 0.224	3.20e4	65.2	NO
8	8 13C7-PFUDa	1801930-06 94126 0.224	3.25e4	59.9	NO

Name: 180826M1_56, Date: 26-Aug-2018, Time: 23:55:52, ID: 1801930-07 94127 0.25421, Description: 94127

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801930-07 94127 0.25421	1.56e4	81.1	NO
2	2 13C5-PFHxA	1801930-07 94127 0.25421	3.05e4	58.5	NO
3	3 13C3-PFHxS	1801930-07 94127 0.25421	4.25e3	70.5	NO
4	4 13C8-PFOA	1801930-07 94127 0.25421	3.39e4	58.8	NO
5	5 13C9-PFNA	1801930-07 94127 0.25421	3.18e4	65.8	NO
6	6 13C4-PFOS	1801930-07 94127 0.25421	4.48e3	64.7	NO
7	7 13C6-PFDA	1801930-07 94127 0.25421	3.11e4	63.4	NO
8	8 13C7-PFUDa	1801930-07 94127 0.25421	3.52e4	64.7	NO

Name: 180826M1_57, Date: 27-Aug-2018, Time: 00:06:25, ID: 1801930-08 94128 0.22142, Description: 94128

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801930-08 94128 0.22142	1.59e4	82.8	NO
2	2 13C5-PFHxA	1801930-08 94128 0.22142	3.24e4	62.1	NO
3	3 13C3-PFHxS	1801930-08 94128 0.22142	4.25e3	70.5	NO
4	4 13C8-PFOA	1801930-08 94128 0.22142	3.56e4	61.8	NO
5	5 13C9-PFNA	1801930-08 94128 0.22142	3.23e4	67.0	NO
6	6 13C4-PFOS	1801930-08 94128 0.22142	4.83e3	69.7	NO
7	7 13C6-PFDA	1801930-08 94128 0.22142	3.23e4	65.8	NO
8	8 13C7-PFUDa	1801930-08 94128 0.22142	3.41e4	62.8	NO

Name: 180826M1_58, Date: 27-Aug-2018, Time: 00:17:03, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	5.45e0	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA	1.05e1	0.0	YES
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA	1.52e1	0.0	YES
8	8 13C7-PFUDa	IPA	6.37e0	0.0	YES

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Name: 180826M1_59, Date: 27-Aug-2018, Time: 00:27:42, ID: ST180826M1-13 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180826M1-13 PFC CS3 18H2107	1.99e4	103.4	NO
2	2 13C5-PFHxA	ST180826M1-13 PFC CS3 18H2107	5.57e4	106.9	NO
3	3 13C3-PFHxS	ST180826M1-13 PFC CS3 18H2107	6.37e3	105.7	NO
4	4 13C8-PFOA	ST180826M1-13 PFC CS3 18H2107	5.96e4	103.5	NO
5	5 13C9-PFNA	ST180826M1-13 PFC CS3 18H2107	5.46e4	113.2	NO
6	6 13C4-PFOS	ST180826M1-13 PFC CS3 18H2107	7.34e3	105.9	NO
7	7 13C6-PFDA	ST180826M1-13 PFC CS3 18H2107	5.20e4	106.0	NO
8	8 13C7-PFUDa	ST180826M1-13 PFC CS3 18H2107	5.37e4	98.9	NO

Name: 180826M1_60, Date: 27-Aug-2018, Time: 00:38:15, ID: 1801930-09 94129 0.25755, Description: 94129

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1801930-09 94129 0.25755	1.76e4	91.6	NO
2	2 13C5-PFHxA	1801930-09 94129 0.25755	3.45e4	66.2	NO
3	3 13C3-PFHxS	1801930-09 94129 0.25755	4.32e3	71.7	NO
4	4 13C8-PFOA	1801930-09 94129 0.25755	3.68e4	64.0	NO
5	5 13C9-PFNA	1801930-09 94129 0.25755	3.39e4	70.3	NO
6	6 13C4-PFOS	1801930-09 94129 0.25755	4.63e3	66.8	NO
7	7 13C6-PFDA	1801930-09 94129 0.25755	3.26e4	66.4	NO
8	8 13C7-PFUDa	1801930-09 94129 0.25755	3.61e4	66.4	NO

Name: 180826M1_61, Date: 27-Aug-2018, Time: 00:48:54, ID: B8H0069-BS1 OPR 0.25, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0069-BS1 OPR 0.25	1.86e4	96.6	NO
2	2 13C5-PFHxA	B8H0069-BS1 OPR 0.25	3.57e4	68.5	NO
3	3 13C3-PFHxS	B8H0069-BS1 OPR 0.25	4.24e3	70.3	NO
4	4 13C8-PFOA	B8H0069-BS1 OPR 0.25	3.83e4	66.4	NO
5	5 13C9-PFNA	B8H0069-BS1 OPR 0.25	3.45e4	71.5	NO
6	6 13C4-PFOS	B8H0069-BS1 OPR 0.25	4.64e3	66.9	NO
7	7 13C6-PFDA	B8H0069-BS1 OPR 0.25	3.33e4	67.8	NO
8	8 13C7-PFUDa	B8H0069-BS1 OPR 0.25	3.61e4	66.5	NO

Name: 180826M1_62, Date: 27-Aug-2018, Time: 00:59:26, ID: B8H0069-BLK1 Method Blank 0.25, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0069-BLK1 Method Blank 0.25	1.79e4	93.4	NO
2	2 13C5-PFHxA	B8H0069-BLK1 Method Blank 0.25	3.61e4	69.2	NO
3	3 13C3-PFHxS	B8H0069-BLK1 Method Blank 0.25	4.45e3	73.9	NO
4	4 13C8-PFOA	B8H0069-BLK1 Method Blank 0.25	3.91e4	67.9	NO
5	5 13C9-PFNA	B8H0069-BLK1 Method Blank 0.25	3.62e4	75.0	NO
6	6 13C4-PFOS	B8H0069-BLK1 Method Blank 0.25	4.97e3	71.6	NO
7	7 13C6-PFDA	B8H0069-BLK1 Method Blank 0.25	3.60e4	73.2	NO
8	8 13C7-PFUDa	B8H0069-BLK1 Method Blank 0.25	3.77e4	69.5	NO

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Name: 180826M1_63, Date: 27-Aug-2018, Time: 01:10:04, ID: 1802195-01 C2E4-8hr/24hr 0.23649, Description: C2E4-8hr/24hr

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802195-01 C2E4-8hr/24hr 0.23649	1.66e4	86.6	NO
2	2 13C5-PFHxA	1802195-01 C2E4-8hr/24hr 0.23649	3.21e4	61.6	NO
3	3 13C3-PFHxS	1802195-01 C2E4-8hr/24hr 0.23649	4.63e3	76.9	NO
4	4 13C8-PFOA	1802195-01 C2E4-8hr/24hr 0.23649	3.69e4	64.2	NO
5	5 13C9-PFNA	1802195-01 C2E4-8hr/24hr 0.23649	3.35e4	69.3	NO
6	6 13C4-PFOS	1802195-01 C2E4-8hr/24hr 0.23649	5.22e3	75.3	NO
7	7 13C6-PFDA	1802195-01 C2E4-8hr/24hr 0.23649	3.30e4	67.2	NO
8	8 13C7-PFUDa	1802195-01 C2E4-8hr/24hr 0.23649	3.82e4	70.4	NO

Name: 180826M1_64, Date: 27-Aug-2018, Time: 01:20:43, ID: 1802272-01 B-1W 0.11572, Description: B-1W

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-01 B-1W 0.11572	1.32e4	68.9	NO
2	2 13C5-PFHxA	1802272-01 B-1W 0.11572	2.46e4	47.3	YES
3	3 13C3-PFHxS	1802272-01 B-1W 0.11572	4.55e3	75.5	NO
4	4 13C8-PFOA	1802272-01 B-1W 0.11572	2.72e4	47.3	YES
5	5 13C9-PFNA	1802272-01 B-1W 0.11572	2.48e4	51.4	NO
6	6 13C4-PFOS	1802272-01 B-1W 0.11572	4.90e3	70.8	NO
7	7 13C6-PFDA	1802272-01 B-1W 0.11572	2.60e4	52.9	NO
8	8 13C7-PFUDa	1802272-01 B-1W 0.11572	3.05e4	56.2	NO

Name: 180826M1_65, Date: 27-Aug-2018, Time: 01:31:15, ID: 1802272-02 B-9W 0.11512, Description: B-9W

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-02 B-9W 0.11512	1.31e4	68.1	NO
2	2 13C5-PFHxA	1802272-02 B-9W 0.11512	2.60e4	50.0	NO
3	3 13C3-PFHxS	1802272-02 B-9W 0.11512	4.66e3	77.4	NO
4	4 13C8-PFOA	1802272-02 B-9W 0.11512	2.83e4	49.1	YES
5	5 13C9-PFNA	1802272-02 B-9W 0.11512	2.81e4	58.2	NO
6	6 13C4-PFOS	1802272-02 B-9W 0.11512	5.24e3	75.5	NO
7	7 13C6-PFDA	1802272-02 B-9W 0.11512	2.83e4	57.7	NO
8	8 13C7-PFUDa	1802272-02 B-9W 0.11512	3.16e4	58.3	NO

Name: 180826M1_66, Date: 27-Aug-2018, Time: 01:41:53, ID: 1802272-03 B-7W 0.10668, Description: B-7W

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-03 B-7W 0.10668	9.34e3	48.6	YES
2	2 13C5-PFHxA	1802272-03 B-7W 0.10668	1.86e4	35.7	YES
3	3 13C3-PFHxS	1802272-03 B-7W 0.10668	4.80e3	79.8	NO
4	4 13C8-PFOA	1802272-03 B-7W 0.10668	2.47e4	42.8	YES
5	5 13C9-PFNA	1802272-03 B-7W 0.10668	2.35e4	48.7	YES
6	6 13C4-PFOS	1802272-03 B-7W 0.10668	5.13e3	74.1	NO
7	7 13C6-PFDA	1802272-03 B-7W 0.10668	2.43e4	49.6	YES
8	8 13C7-PFUDa	1802272-03 B-7W 0.10668	2.91e4	53.5	NO

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Name: 180826M1_67, Date: 27-Aug-2018, Time: 01:52:26, ID: 1802272-04 B-3W 0.11741, Description: B-3W

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-04 B-3W 0.11741	1.05e4	54.8	NO
2	2 13C5-PFHxA	1802272-04 B-3W 0.11741	2.17e4	41.7	YES
3	3 13C3-PFHxS	1802272-04 B-3W 0.11741	4.12e3	68.4	NO
4	4 13C8-PFOA	1802272-04 B-3W 0.11741	2.61e4	45.3	YES
5	5 13C9-PFNA	1802272-04 B-3W 0.11741	2.53e4	52.4	NO
6	6 13C4-PFOS	1802272-04 B-3W 0.11741	4.68e3	67.5	NO
7	7 13C6-PFDA	1802272-04 B-3W 0.11741	2.41e4	49.1	YES
8	8 13C7-PFUdA	1802272-04 B-3W 0.11741	2.85e4	52.4	NO

Name: 180826M1_68, Date: 27-Aug-2018, Time: 02:03:04, ID: 1802272-05 B-2W 0.11459, Description: B-2W

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-05 B-2W 0.11459	9.46e3	49.2	YES
2	2 13C5-PFHxA	1802272-05 B-2W 0.11459	2.00e4	38.4	YES
3	3 13C3-PFHxS	1802272-05 B-2W 0.11459	4.22e3	70.1	NO
4	4 13C8-PFOA	1802272-05 B-2W 0.11459	2.45e4	42.5	YES
5	5 13C9-PFNA	1802272-05 B-2W 0.11459	2.42e4	50.2	NO
6	6 13C4-PFOS	1802272-05 B-2W 0.11459	4.69e3	67.6	NO
7	7 13C6-PFDA	1802272-05 B-2W 0.11459	2.49e4	50.7	NO
8	8 13C7-PFUdA	1802272-05 B-2W 0.11459	2.93e4	53.9	NO

Name: 180826M1_69, Date: 27-Aug-2018, Time: 02:13:37, ID: 1802272-06 DUP-GW 0.10911, Description: DUP-GW

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-06 DUP-GW 0.10911	9.59e3	49.9	NO
2	2 13C5-PFHxA	1802272-06 DUP-GW 0.10911	1.99e4	38.2	YES
3	3 13C3-PFHxS	1802272-06 DUP-GW 0.10911	4.31e3	71.6	NO
4	4 13C8-PFOA	1802272-06 DUP-GW 0.10911	2.29e4	39.8	YES
5	5 13C9-PFNA	1802272-06 DUP-GW 0.10911	2.38e4	49.3	YES
6	6 13C4-PFOS	1802272-06 DUP-GW 0.10911	4.58e3	66.1	NO
7	7 13C6-PFDA	1802272-06 DUP-GW 0.10911	2.40e4	48.9	YES
8	8 13C7-PFUdA	1802272-06 DUP-GW 0.10911	2.71e4	49.9	NO

Name: 180826M1_70, Date: 27-Aug-2018, Time: 02:24:15, ID: 1802272-07 B-6W 0.11745, Description: B-6W

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-07 B-6W 0.11745	8.20e3	42.7	YES
2	2 13C5-PFHxA	1802272-07 B-6W 0.11745	1.67e4	32.0	YES
3	3 13C3-PFHxS	1802272-07 B-6W 0.11745	4.46e3	74.1	NO
4	4 13C8-PFOA	1802272-07 B-6W 0.11745	1.92e4	33.4	YES
5	5 13C9-PFNA	1802272-07 B-6W 0.11745	1.89e4	39.2	YES
6	6 13C4-PFOS	1802272-07 B-6W 0.11745	5.15e3	74.2	NO
7	7 13C6-PFDA	1802272-07 B-6W 0.11745	1.98e4	40.4	YES
8	8 13C7-PFUdA	1802272-07 B-6W 0.11745	2.31e4	42.5	YES

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Name: 180826M1_71, Date: 27-Aug-2018, Time: 02:34:47, ID: 1802272-08 B-8W 0.11796, Description: B-8W

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-08 B-8W 0.11796	1.11e4	57.7	NO
2	2 13C5-PFHxA	1802272-08 B-8W 0.11796	2.23e4	42.8	YES
3	3 13C3-PFHxS	1802272-08 B-8W 0.11796	4.40e3	73.0	NO
4	4 13C8-PFOA	1802272-08 B-8W 0.11796	2.35e4	40.9	YES
5	5 13C9-PFNA	1802272-08 B-8W 0.11796	2.40e4	49.8	YES
6	6 13C4-PFOS	1802272-08 B-8W 0.11796	5.27e3	76.0	NO
7	7 13C6-PFDA	1802272-08 B-8W 0.11796	2.41e4	49.2	YES
8	8 13C7-PFUDa	1802272-08 B-8W 0.11796	2.90e4	53.4	NO

Name: 180826M1_72, Date: 27-Aug-2018, Time: 02:45:26, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	7.16e0	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA	9.76e0	0.0	YES
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA	1.37e1	0.0	YES

Name: 180826M1_73, Date: 27-Aug-2018, Time: 02:55:59, ID: ST180826M1-14 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180826M1-14 PFC CS3 18H2107	1.96e4	102.1	NO
2	2 13C5-PFHxA	ST180826M1-14 PFC CS3 18H2107	5.52e4	106.0	NO
3	3 13C3-PFHxS	ST180826M1-14 PFC CS3 18H2107	6.46e3	107.2	NO
4	4 13C8-PFOA	ST180826M1-14 PFC CS3 18H2107	5.88e4	102.2	NO
5	5 13C9-PFNA	ST180826M1-14 PFC CS3 18H2107	5.38e4	111.6	NO
6	6 13C4-PFOS	ST180826M1-14 PFC CS3 18H2107	7.20e3	103.9	NO
7	7 13C6-PFDA	ST180826M1-14 PFC CS3 18H2107	5.06e4	103.1	NO
8	8 13C7-PFUDa	ST180826M1-14 PFC CS3 18H2107	5.66e4	104.2	NO

Name: 180826M1_74, Date: 27-Aug-2018, Time: 03:06:37, ID: 1802272-09 B-10W 0.11693, Description: B-10W

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-09 B-10W 0.11693	5.49e3	28.6	YES
2	2 13C5-PFHxA	1802272-09 B-10W 0.11693	1.20e4	23.0	YES
3	3 13C3-PFHxS	1802272-09 B-10W 0.11693	4.63e3	76.8	NO
4	4 13C8-PFOA	1802272-09 B-10W 0.11693	1.60e4	27.8	YES
5	5 13C9-PFNA	1802272-09 B-10W 0.11693	1.72e4	35.7	YES
6	6 13C4-PFOS	1802272-09 B-10W 0.11693	5.38e3	77.6	NO
7	7 13C6-PFDA	1802272-09 B-10W 0.11693	1.85e4	37.7	YES
8	8 13C7-PFUDa	1802272-09 B-10W 0.11693	2.36e4	43.4	YES

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Name: 180826M1_75, Date: 27-Aug-2018, Time: 03:17:15, ID: 1802272-10 B-5W 0.11466, Description: B-5W

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-10 B-5W 0.11466	1.04e4	53.9	NO
2	2 13C5-PFHxA	1802272-10 B-5W 0.11466	2.14e4	41.1	YES
3	3 13C3-PFHxS	1802272-10 B-5W 0.11466	4.69e3	77.8	NO
4	4 13C8-PFOA	1802272-10 B-5W 0.11466	2.43e4	42.2	YES
5	5 13C9-PFNA	1802272-10 B-5W 0.11466	2.41e4	49.9	YES
6	6 13C4-PFOS	1802272-10 B-5W 0.11466	5.14e3	74.2	NO
7	7 13C6-PFDA	1802272-10 B-5W 0.11466	2.46e4	50.2	NO
8	8 13C7-PFUdA	1802272-10 B-5W 0.11466	2.92e4	53.8	NO

Name: 180826M1_76, Date: 27-Aug-2018, Time: 03:27:48, ID: 1802272-11 IDW-GW 0.10313, Description: IDW-GW

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-11 IDW-GW 0.10313	1.40e4	73.1	NO
2	2 13C5-PFHxA	1802272-11 IDW-GW 0.10313	2.78e4	53.3	NO
3	3 13C3-PFHxS	1802272-11 IDW-GW 0.10313	4.54e3	75.4	NO
4	4 13C8-PFOA	1802272-11 IDW-GW 0.10313	3.42e4	59.3	NO
5	5 13C9-PFNA	1802272-11 IDW-GW 0.10313	3.18e4	65.9	NO
6	6 13C4-PFOS	1802272-11 IDW-GW 0.10313	4.83e3	69.7	NO
7	7 13C6-PFDA	1802272-11 IDW-GW 0.10313	1.68e4	34.3	YES
8	8 13C7-PFUdA	1802272-11 IDW-GW 0.10313	1.72e4	31.7	YES

Name: 180826M1_77, Date: 27-Aug-2018, Time: 03:38:27, ID: 1802272-12 B-4W 0.10974, Description: B-4W

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-12 B-4W 0.10974	1.08e4	56.2	NO
2	2 13C5-PFHxA	1802272-12 B-4W 0.10974	2.23e4	42.8	YES
3	3 13C3-PFHxS	1802272-12 B-4W 0.10974	4.50e3	74.7	NO
4	4 13C8-PFOA	1802272-12 B-4W 0.10974	2.84e4	49.4	YES
5	5 13C9-PFNA	1802272-12 B-4W 0.10974	2.71e4	56.2	NO
6	6 13C4-PFOS	1802272-12 B-4W 0.10974	5.00e3	72.1	NO
7	7 13C6-PFDA	1802272-12 B-4W 0.10974	2.74e4	55.7	NO
8	8 13C7-PFUdA	1802272-12 B-4W 0.10974	3.07e4	56.5	NO

Name: 180826M1_78, Date: 27-Aug-2018, Time: 03:49:05, ID: B8H0078-BS1 OPR 1, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0078-BS1 OPR 1	2.03e4	105.6	NO
2	2 13C5-PFHxA	B8H0078-BS1 OPR 1	3.86e4	74.1	NO
3	3 13C3-PFHxS	B8H0078-BS1 OPR 1	4.66e3	77.3	NO
4	4 13C8-PFOA	B8H0078-BS1 OPR 1	4.03e4	69.9	NO
5	5 13C9-PFNA	B8H0078-BS1 OPR 1	3.65e4	75.6	NO
6	6 13C4-PFOS	B8H0078-BS1 OPR 1	5.20e3	75.0	NO
7	7 13C6-PFDA	B8H0078-BS1 OPR 1	3.44e4	70.2	NO
8	8 13C7-PFUdA	B8H0078-BS1 OPR 1	3.75e4	69.1	NO

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Name: 180826M1_79, Date: 27-Aug-2018, Time: 03:59:37, ID: B8H0078-BLK1 Method Blank 1, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0078-BLK1 Method Blank 1	1.93e4	100.5	NO
2	2 13C5-PFHxA	B8H0078-BLK1 Method Blank 1	3.66e4	70.2	NO
3	3 13C3-PFHxS	B8H0078-BLK1 Method Blank 1	4.57e3	75.9	NO
4	4 13C8-PFOA	B8H0078-BLK1 Method Blank 1	3.96e4	68.8	NO
5	5 13C9-PFNA	B8H0078-BLK1 Method Blank 1	3.52e4	72.9	NO
6	6 13C4-PFOS	B8H0078-BLK1 Method Blank 1	4.79e3	69.1	NO
7	7 13C6-PFDA	B8H0078-BLK1 Method Blank 1	3.47e4	70.7	NO
8	8 13C7-PFUDa	B8H0078-BLK1 Method Blank 1	3.77e4	69.5	NO

Name: 180826M1_80, Date: 27-Aug-2018, Time: 04:10:16, ID: B8H0078-MS1 Matrix Spike 1.15, Description: Matrix Spike

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0078-MS1 Matrix Spike 1.15	2.08e4	108.1	NO
2	2 13C5-PFHxA	B8H0078-MS1 Matrix Spike 1.15	4.07e4	78.2	NO
3	3 13C3-PFHxS	B8H0078-MS1 Matrix Spike 1.15	4.79e3	79.6	NO
4	4 13C8-PFOA	B8H0078-MS1 Matrix Spike 1.15	4.24e4	73.7	NO
5	5 13C9-PFNA	B8H0078-MS1 Matrix Spike 1.15	3.85e4	79.9	NO
6	6 13C4-PFOS	B8H0078-MS1 Matrix Spike 1.15	5.45e3	78.6	NO
7	7 13C6-PFDA	B8H0078-MS1 Matrix Spike 1.15	3.65e4	74.3	NO
8	8 13C7-PFUDa	B8H0078-MS1 Matrix Spike 1.15	3.96e4	72.8	NO

Name: 180826M1_81, Date: 27-Aug-2018, Time: 04:20:49, ID: B8H0078-MSD1 Matrix Spike Dup 1.14, Description: Matrix Spike Dup

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0078-MSD1 Matrix Spike Dup 1.14	2.52e4	131.4	NO
2	2 13C5-PFHxA	B8H0078-MSD1 Matrix Spike Dup 1.14	4.80e4	92.2	NO
3	3 13C3-PFHxS	B8H0078-MSD1 Matrix Spike Dup 1.14	5.81e3	96.4	NO
4	4 13C8-PFOA	B8H0078-MSD1 Matrix Spike Dup 1.14	4.53e4	78.6	NO
5	5 13C9-PFNA	B8H0078-MSD1 Matrix Spike Dup 1.14	4.55e4	94.2	NO
6	6 13C4-PFOS	B8H0078-MSD1 Matrix Spike Dup 1.14	6.76e3	97.5	NO
7	7 13C6-PFDA	B8H0078-MSD1 Matrix Spike Dup 1.14	4.51e4	91.9	NO
8	8 13C7-PFUDa	B8H0078-MSD1 Matrix Spike Dup 1.14	4.77e4	87.8	NO

Name: 180826M1_82, Date: 27-Aug-2018, Time: 04:31:27, ID: 1802272-13 B-5W (4.5-6) 1.14, Description: B-5W (4.5-6)

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-13 B-5W (4.5-6) 1.14	2.32e4	120.8	NO
2	2 13C5-PFHxA	1802272-13 B-5W (4.5-6) 1.14	4.38e4	84.1	NO
3	3 13C3-PFHxS	1802272-13 B-5W (4.5-6) 1.14	5.20e3	86.4	NO
4	4 13C8-PFOA	1802272-13 B-5W (4.5-6) 1.14	4.46e4	77.5	NO
5	5 13C9-PFNA	1802272-13 B-5W (4.5-6) 1.14	4.31e4	89.4	NO
6	6 13C4-PFOS	1802272-13 B-5W (4.5-6) 1.14	5.36e3	77.3	NO
7	7 13C6-PFDA	1802272-13 B-5W (4.5-6) 1.14	4.07e4	83.0	NO
8	8 13C7-PFUDa	1802272-13 B-5W (4.5-6) 1.14	4.53e4	83.4	NO

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Name: 180826M1_83, Date: 27-Aug-2018, Time: 04:42:00, ID: 1802272-14 B-3W (4-6) 1.07, Description: B-3W (4-6)

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-14 B-3W (4-6) 1.07	2.45e4	127.7	NO
2	2 13C5-PFHxA	1802272-14 B-3W (4-6) 1.07	4.49e4	86.1	NO
3	3 13C3-PFHxS	1802272-14 B-3W (4-6) 1.07	5.58e3	92.6	NO
4	4 13C8-PFOA	1802272-14 B-3W (4-6) 1.07	4.83e4	83.9	NO
5	5 13C9-PFNA	1802272-14 B-3W (4-6) 1.07	4.51e4	93.4	NO
6	6 13C4-PFOS	1802272-14 B-3W (4-6) 1.07	6.16e3	88.9	NO
7	7 13C6-PFDA	1802272-14 B-3W (4-6) 1.07	4.34e4	88.4	NO
8	8 13C7-PFUDa	1802272-14 B-3W (4-6) 1.07	4.78e4	88.0	NO

Name: 180826M1_84, Date: 27-Aug-2018, Time: 04:52:38, ID: 1802272-15 B-3W (1-3) 1.1, Description: B-3W (1-3)

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-15 B-3W (1-3) 1.1	2.20e4	114.8	NO
2	2 13C5-PFHxA	1802272-15 B-3W (1-3) 1.1	4.12e4	79.1	NO
3	3 13C3-PFHxS	1802272-15 B-3W (1-3) 1.1	5.42e3	89.9	NO
4	4 13C8-PFOA	1802272-15 B-3W (1-3) 1.1	4.57e4	79.4	NO
5	5 13C9-PFNA	1802272-15 B-3W (1-3) 1.1	4.08e4	84.6	NO
6	6 13C4-PFOS	1802272-15 B-3W (1-3) 1.1	5.82e3	84.0	NO
7	7 13C6-PFDA	1802272-15 B-3W (1-3) 1.1	3.97e4	80.8	NO
8	8 13C7-PFUDa	1802272-15 B-3W (1-3) 1.1	4.53e4	83.4	NO

Name: 180826M1_85, Date: 27-Aug-2018, Time: 05:03:11, ID: 1802272-16 B-5W (1-3) 1.09, Description: B-5W (1-3)

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-16 B-5W (1-3) 1.09	2.40e4	125.0	NO
2	2 13C5-PFHxA	1802272-16 B-5W (1-3) 1.09	4.60e4	88.3	NO
3	3 13C3-PFHxS	1802272-16 B-5W (1-3) 1.09	5.59e3	92.8	NO
4	4 13C8-PFOA	1802272-16 B-5W (1-3) 1.09	4.91e4	85.2	NO
5	5 13C9-PFNA	1802272-16 B-5W (1-3) 1.09	4.40e4	91.2	NO
6	6 13C4-PFOS	1802272-16 B-5W (1-3) 1.09	6.27e3	90.5	NO
7	7 13C6-PFDA	1802272-16 B-5W (1-3) 1.09	4.00e4	81.5	NO
8	8 13C7-PFUDa	1802272-16 B-5W (1-3) 1.09	4.70e4	86.6	NO

Name: 180826M1_86, Date: 27-Aug-2018, Time: 05:13:50, ID: 1802272-17 B-4W (2-4) 1.17, Description: B-4W (2-4)

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-17 B-4W (2-4) 1.17	1.94e4	101.1	NO
2	2 13C5-PFHxA	1802272-17 B-4W (2-4) 1.17	3.86e4	74.0	NO
3	3 13C3-PFHxS	1802272-17 B-4W (2-4) 1.17	5.76e3	95.6	NO
4	4 13C8-PFOA	1802272-17 B-4W (2-4) 1.17	4.13e4	71.7	NO
5	5 13C9-PFNA	1802272-17 B-4W (2-4) 1.17	3.94e4	81.6	NO
6	6 13C4-PFOS	1802272-17 B-4W (2-4) 1.17	6.04e3	87.1	NO
7	7 13C6-PFDA	1802272-17 B-4W (2-4) 1.17	3.84e4	78.2	NO
8	8 13C7-PFUDa	1802272-17 B-4W (2-4) 1.17	4.19e4	77.2	NO

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Name: 180826M1_87, Date: 27-Aug-2018, Time: 05:24:23, ID: 1802272-18 B-10W (1-3) 1.08, Description: B-10W (1-3)

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-18 B-10W (1-3) 1.08	2.56e4	133.2	NO
2	2 13C5-PFHxA	1802272-18 B-10W (1-3) 1.08	4.86e4	93.3	NO
3	3 13C3-PFHxS	1802272-18 B-10W (1-3) 1.08	5.90e3	98.0	NO
4	4 13C8-PFOA	1802272-18 B-10W (1-3) 1.08	5.24e4	91.0	NO
5	5 13C9-PFNA	1802272-18 B-10W (1-3) 1.08	4.84e4	100.4	NO
6	6 13C4-PFOS	1802272-18 B-10W (1-3) 1.08	6.47e3	93.3	NO
7	7 13C6-PFDA	1802272-18 B-10W (1-3) 1.08	4.43e4	90.3	NO
8	8 13C7-PFUDa	1802272-18 B-10W (1-3) 1.08	4.98e4	91.7	NO

Name: 180826M1_88, Date: 27-Aug-2018, Time: 05:35:01, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	5.43e0	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA	1.09e1	0.0	YES

Name: 180826M1_89, Date: 27-Aug-2018, Time: 05:45:39, ID: ST180826M1-15 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180826M1-15 PFC CS3 18H2107	2.12e4	110.2	NO
2	2 13C5-PFHxA	ST180826M1-15 PFC CS3 18H2107	5.68e4	109.0	NO
3	3 13C3-PFHxS	ST180826M1-15 PFC CS3 18H2107	6.75e3	112.1	NO
4	4 13C8-PFOA	ST180826M1-15 PFC CS3 18H2107	5.98e4	103.8	NO
5	5 13C9-PFNA	ST180826M1-15 PFC CS3 18H2107	5.59e4	115.8	NO
6	6 13C4-PFOS	ST180826M1-15 PFC CS3 18H2107	7.71e3	111.3	NO
7	7 13C6-PFDA	ST180826M1-15 PFC CS3 18H2107	5.35e4	109.0	NO
8	8 13C7-PFUDa	ST180826M1-15 PFC CS3 18H2107	5.94e4	109.4	NO

Name: 180826M1_90, Date: 27-Aug-2018, Time: 05:56:13, ID: 1802272-19 B-7W (3-5) 1.04, Description: B-7W (3-5)

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-19 B-7W (3-5) 1.04	2.41e4	125.2	NO
2	2 13C5-PFHxA	1802272-19 B-7W (3-5) 1.04	4.55e4	87.3	NO
3	3 13C3-PFHxS	1802272-19 B-7W (3-5) 1.04	5.71e3	94.8	NO
4	4 13C8-PFOA	1802272-19 B-7W (3-5) 1.04	4.73e4	82.2	NO
5	5 13C9-PFNA	1802272-19 B-7W (3-5) 1.04	4.45e4	92.1	NO
6	6 13C4-PFOS	1802272-19 B-7W (3-5) 1.04	6.18e3	89.1	NO
7	7 13C6-PFDA	1802272-19 B-7W (3-5) 1.04	4.14e4	84.4	NO
8	8 13C7-PFUDa	1802272-19 B-7W (3-5) 1.04	4.79e4	88.3	NO

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Name: 180826M1_91, Date: 27-Aug-2018, Time: 06:06:51, ID: 1802272-20 B-9W (6-8) 1.09, Description: B-9W (6-8)

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802272-20 B-9W (6-8) 1.09	2.41e4	125.7	NO
2	2 13C5-PFHxA	1802272-20 B-9W (6-8) 1.09	4.63e4	88.8	NO
3	3 13C3-PFHxS	1802272-20 B-9W (6-8) 1.09	5.74e3	95.3	NO
4	4 13C8-PFOA	1802272-20 B-9W (6-8) 1.09	4.77e4	82.8	NO
5	5 13C9-PFNA	1802272-20 B-9W (6-8) 1.09	4.53e4	93.8	NO
6	6 13C4-PFOS	1802272-20 B-9W (6-8) 1.09	6.23e3	89.9	NO
7	7 13C6-PFDA	1802272-20 B-9W (6-8) 1.09	4.13e4	84.1	NO
8	8 13C7-PFUDa	1802272-20 B-9W (6-8) 1.09	4.84e4	89.2	NO

Name: 180826M1_92, Date: 27-Aug-2018, Time: 06:17:29, ID: 1802273-01 B-8W (1-3) 1.08, Description: B-8W (1-3)

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802273-01 B-8W (1-3) 1.08	2.35e4	122.3	NO
2	2 13C5-PFHxA	1802273-01 B-8W (1-3) 1.08	4.54e4	87.1	NO
3	3 13C3-PFHxS	1802273-01 B-8W (1-3) 1.08	5.17e3	85.8	NO
4	4 13C8-PFOA	1802273-01 B-8W (1-3) 1.08	4.79e4	83.2	NO
5	5 13C9-PFNA	1802273-01 B-8W (1-3) 1.08	4.29e4	88.9	NO
6	6 13C4-PFOS	1802273-01 B-8W (1-3) 1.08	5.84e3	84.3	NO
7	7 13C6-PFDA	1802273-01 B-8W (1-3) 1.08	3.96e4	80.6	NO
8	8 13C7-PFUDa	1802273-01 B-8W (1-3) 1.08	4.04e4	74.4	NO

Name: 180826M1_93, Date: 27-Aug-2018, Time: 06:28:03, ID: 1802273-02 B-1W (1-3) 1.09, Description: B-1W (1-3)

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802273-02 B-1W (1-3) 1.09	2.41e4	125.4	NO
2	2 13C5-PFHxA	1802273-02 B-1W (1-3) 1.09	4.64e4	89.1	NO
3	3 13C3-PFHxS	1802273-02 B-1W (1-3) 1.09	5.63e3	93.5	NO
4	4 13C8-PFOA	1802273-02 B-1W (1-3) 1.09	4.88e4	84.8	NO
5	5 13C9-PFNA	1802273-02 B-1W (1-3) 1.09	4.46e4	92.4	NO
6	6 13C4-PFOS	1802273-02 B-1W (1-3) 1.09	6.15e3	88.7	NO
7	7 13C6-PFDA	1802273-02 B-1W (1-3) 1.09	4.08e4	83.1	NO
8	8 13C7-PFUDa	1802273-02 B-1W (1-3) 1.09	4.59e4	84.6	NO

Name: 180826M1_94, Date: 27-Aug-2018, Time: 06:38:41, ID: 1802273-03 B-2W (1-3) 1.08, Description: B-2W (1-3)

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802273-03 B-2W (1-3) 1.08	2.51e4	130.9	NO
2	2 13C5-PFHxA	1802273-03 B-2W (1-3) 1.08	4.71e4	90.4	NO
3	3 13C3-PFHxS	1802273-03 B-2W (1-3) 1.08	5.60e3	92.9	NO
4	4 13C8-PFOA	1802273-03 B-2W (1-3) 1.08	4.83e4	83.9	NO
5	5 13C9-PFNA	1802273-03 B-2W (1-3) 1.08	4.33e4	89.8	NO
6	6 13C4-PFOS	1802273-03 B-2W (1-3) 1.08	5.15e3	74.3	NO
7	7 13C6-PFDA	1802273-03 B-2W (1-3) 1.08	3.41e4	69.5	NO
8	8 13C7-PFUDa	1802273-03 B-2W (1-3) 1.08	2.60e4	47.9	YES

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Name: 180826M1_95, Date: 27-Aug-2018, Time: 06:49:13, ID: 1802273-04 B-10W (6-8) 1.05, Description: B-10W (6-8)

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802273-04 B-10W (6-8) 1.05	2.30e4	119.6	NO
2	2 13C5-PFHxA	1802273-04 B-10W (6-8) 1.05	4.53e4	87.0	NO
3	3 13C3-PFHxS	1802273-04 B-10W (6-8) 1.05	5.90e3	97.9	NO
4	4 13C8-PFOA	1802273-04 B-10W (6-8) 1.05	4.56e4	79.2	NO
5	5 13C9-PFNA	1802273-04 B-10W (6-8) 1.05	4.47e4	92.5	NO
6	6 13C4-PFOS	1802273-04 B-10W (6-8) 1.05	6.09e3	87.8	NO
7	7 13C6-PFDA	1802273-04 B-10W (6-8) 1.05	4.07e4	83.0	NO
8	8 13C7-PFUDa	1802273-04 B-10W (6-8) 1.05	4.79e4	88.2	NO

Name: 180826M1_96, Date: 27-Aug-2018, Time: 06:59:52, ID: 1802273-05 B-9W (1-3) 1.1, Description: B-9W (1-3)

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802273-05 B-9W (1-3) 1.1	2.48e4	128.9	NO
2	2 13C5-PFHxA	1802273-05 B-9W (1-3) 1.1	4.70e4	90.2	NO
3	3 13C3-PFHxS	1802273-05 B-9W (1-3) 1.1	6.04e3	100.3	NO
4	4 13C8-PFOA	1802273-05 B-9W (1-3) 1.1	5.15e4	89.4	NO
5	5 13C9-PFNA	1802273-05 B-9W (1-3) 1.1	4.58e4	95.0	NO
6	6 13C4-PFOS	1802273-05 B-9W (1-3) 1.1	6.56e3	94.7	NO
7	7 13C6-PFDA	1802273-05 B-9W (1-3) 1.1	4.40e4	89.7	NO
8	8 13C7-PFUDa	1802273-05 B-9W (1-3) 1.1	5.09e4	93.8	NO

Name: 180826M1_97, Date: 27-Aug-2018, Time: 07:10:24, ID: 1802273-06 B-6W (1-3) 1.06, Description: B-6W (1-3)

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802273-06 B-6W (1-3) 1.06	2.30e4	119.9	NO
2	2 13C5-PFHxA	1802273-06 B-6W (1-3) 1.06	4.32e4	83.0	NO
3	3 13C3-PFHxS	1802273-06 B-6W (1-3) 1.06	5.32e3	88.2	NO
4	4 13C8-PFOA	1802273-06 B-6W (1-3) 1.06	4.57e4	79.4	NO
5	5 13C9-PFNA	1802273-06 B-6W (1-3) 1.06	4.37e4	90.6	NO
6	6 13C4-PFOS	1802273-06 B-6W (1-3) 1.06	6.17e3	89.0	NO
7	7 13C6-PFDA	1802273-06 B-6W (1-3) 1.06	4.15e4	84.5	NO
8	8 13C7-PFUDa	1802273-06 B-6W (1-3) 1.06	4.59e4	84.6	NO

Name: 180826M1_98, Date: 27-Aug-2018, Time: 07:21:03, ID: 1802273-07 DUP2-SL 1.07, Description: DUP2-SL

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802273-07 DUP2-SL 1.07	2.29e4	119.3	NO
2	2 13C5-PFHxA	1802273-07 DUP2-SL 1.07	4.35e4	83.6	NO
3	3 13C3-PFHxS	1802273-07 DUP2-SL 1.07	5.36e3	89.0	NO
4	4 13C8-PFOA	1802273-07 DUP2-SL 1.07	4.64e4	80.7	NO
5	5 13C9-PFNA	1802273-07 DUP2-SL 1.07	4.33e4	89.7	NO
6	6 13C4-PFOS	1802273-07 DUP2-SL 1.07	5.71e3	82.4	NO
7	7 13C6-PFDA	1802273-07 DUP2-SL 1.07	3.81e4	77.7	NO
8	8 13C7-PFUDa	1802273-07 DUP2-SL 1.07	4.44e4	81.7	NO

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Name: 180826M1_99, Date: 27-Aug-2018, Time: 07:31:35, ID: 1802273-08 DUP-SL 1.09, Description: DUP-SL

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802273-08 DUP-SL 1.09	2.45e4	127.7	NO
2	2 13C5-PFHxA	1802273-08 DUP-SL 1.09	4.65e4	89.3	NO
3	3 13C3-PFHxS	1802273-08 DUP-SL 1.09	5.54e3	92.0	NO
4	4 13C8-PFOA	1802273-08 DUP-SL 1.09	5.04e4	87.5	NO
5	5 13C9-PFNA	1802273-08 DUP-SL 1.09	4.42e4	91.6	NO
6	6 13C4-PFOS	1802273-08 DUP-SL 1.09	6.32e3	91.2	NO
7	7 13C6-PFDA	1802273-08 DUP-SL 1.09	4.26e4	86.8	NO
8	8 13C7-PFUDa	1802273-08 DUP-SL 1.09	4.94e4	91.0	NO

Name: 180826M1_100, Date: 27-Aug-2018, Time: 07:42:14, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	8.38e0	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA	8.28e0	0.0	YES
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA	8.85e0	0.0	YES

Name: 180826M1_101, Date: 27-Aug-2018, Time: 07:52:46, ID: ST180826M1-16 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180826M1-16 PFC CS3 18H2107	2.27e4	118.1	NO
2	2 13C5-PFHxA	ST180826M1-16 PFC CS3 18H2107	5.70e4	109.5	NO
3	3 13C3-PFHxS	ST180826M1-16 PFC CS3 18H2107	6.97e3	115.8	NO
4	4 13C8-PFOA	ST180826M1-16 PFC CS3 18H2107	6.06e4	105.2	NO
5	5 13C9-PFNA	ST180826M1-16 PFC CS3 18H2107	5.83e4	120.7	NO
6	6 13C4-PFOS	ST180826M1-16 PFC CS3 18H2107	7.70e3	111.1	NO
7	7 13C6-PFDA	ST180826M1-16 PFC CS3 18H2107	5.34e4	108.8	NO
8	8 13C7-PFUDa	ST180826M1-16 PFC CS3 18H2107	6.04e4	111.2	NO

Name: 180826M1_102, Date: 27-Aug-2018, Time: 08:03:25, ID: 1802273-09 B-8W (5-7) 1.11, Description: B-8W (5-7)

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802273-09 B-8W (5-7) 1.11	2.21e4	115.0	NO
2	2 13C5-PFHxA	1802273-09 B-8W (5-7) 1.11	4.28e4	82.2	NO
3	3 13C3-PFHxS	1802273-09 B-8W (5-7) 1.11	5.65e3	93.8	NO
4	4 13C8-PFOA	1802273-09 B-8W (5-7) 1.11	4.62e4	80.3	NO
5	5 13C9-PFNA	1802273-09 B-8W (5-7) 1.11	4.45e4	92.1	NO
6	6 13C4-PFOS	1802273-09 B-8W (5-7) 1.11	6.54e3	94.3	NO
7	7 13C6-PFDA	1802273-09 B-8W (5-7) 1.11	4.10e4	83.6	NO
8	8 13C7-PFUDa	1802273-09 B-8W (5-7) 1.11	4.64e4	85.5	NO

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Name: 180826M1_103, Date: 27-Aug-2018, Time: 08:14:03, ID: B8H0079-BS1 OPR 0.25, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0079-BS1 OPR 0.25	2.09e4	108.6	NO
2	2 13C5-PFHxA	B8H0079-BS1 OPR 0.25	3.90e4	74.8	NO
3	3 13C3-PFHxS	B8H0079-BS1 OPR 0.25	4.85e3	80.4	NO
4	4 13C8-PFOA	B8H0079-BS1 OPR 0.25	4.09e4	71.1	NO
5	5 13C9-PFNA	B8H0079-BS1 OPR 0.25	3.67e4	76.0	NO
6	6 13C4-PFOS	B8H0079-BS1 OPR 0.25	5.48e3	79.1	NO
7	7 13C6-PFDA	B8H0079-BS1 OPR 0.25	3.61e4	73.5	NO
8	8 13C7-PFUDa	B8H0079-BS1 OPR 0.25	4.02e4	74.1	NO

Name: 180826M1_104, Date: 27-Aug-2018, Time: 08:24:36, ID: B8H0079-BLK1 Method Blank 0.25, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0079-BLK1 Method Blank 0.25	2.06e4	107.5	NO
2	2 13C5-PFHxA	B8H0079-BLK1 Method Blank 0.25	4.02e4	77.1	NO
3	3 13C3-PFHxS	B8H0079-BLK1 Method Blank 0.25	4.74e3	78.7	NO
4	4 13C8-PFOA	B8H0079-BLK1 Method Blank 0.25	3.93e4	68.3	NO
5	5 13C9-PFNA	B8H0079-BLK1 Method Blank 0.25	3.90e4	80.8	NO
6	6 13C4-PFOS	B8H0079-BLK1 Method Blank 0.25	5.44e3	78.5	NO
7	7 13C6-PFDA	B8H0079-BLK1 Method Blank 0.25	3.43e4	69.8	NO
8	8 13C7-PFUDa	B8H0079-BLK1 Method Blank 0.25	4.00e4	73.6	NO

Name: 180826M1_105, Date: 27-Aug-2018, Time: 08:35:14, ID: 1802248-01 SWEF1808021230GSC 0.25772, Description: SWEF1808021230GSC

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802248-01 SWEF1808021230GSC 0....	1.77e4	92.2	NO
2	2 13C5-PFHxA	1802248-01 SWEF1808021230GSC 0....	3.37e4	64.8	NO
3	3 13C3-PFHxS	1802248-01 SWEF1808021230GSC 0....	4.46e3	74.1	NO
4	4 13C8-PFOA	1802248-01 SWEF1808021230GSC 0....	3.29e4	57.1	NO
5	5 13C9-PFNA	1802248-01 SWEF1808021230GSC 0....	3.04e4	62.9	NO
6	6 13C4-PFOS	1802248-01 SWEF1808021230GSC 0....	4.80e3	69.2	NO
7	7 13C6-PFDA	1802248-01 SWEF1808021230GSC 0....	2.80e4	57.1	NO
8	8 13C7-PFUDa	1802248-01 SWEF1808021230GSC 0....	3.29e4	60.6	NO

Name: 180826M1_106, Date: 27-Aug-2018, Time: 08:45:53, ID: 1802248-02 SWIN1808021240GSC 0.25912, Description: SWIN1808021240GSC

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802248-02 SWIN1808021240GSC 0.2...	2.08e4	108.1	NO
2	2 13C5-PFHxA	1802248-02 SWIN1808021240GSC 0.2...	3.87e4	74.2	NO
3	3 13C3-PFHxS	1802248-02 SWIN1808021240GSC 0.2...	4.96e3	82.3	NO
4	4 13C8-PFOA	1802248-02 SWIN1808021240GSC 0.2...	4.06e4	70.4	NO
5	5 13C9-PFNA	1802248-02 SWIN1808021240GSC 0.2...	3.85e4	79.7	NO
6	6 13C4-PFOS	1802248-02 SWIN1808021240GSC 0.2...	5.30e3	76.5	NO
7	7 13C6-PFDA	1802248-02 SWIN1808021240GSC 0.2...	3.53e4	71.9	NO
8	8 13C7-PFUDa	1802248-02 SWIN1808021240GSC 0.2...	3.85e4	71.0	NO

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Name: 180826M1_107, Date: 27-Aug-2018, Time: 08:56:25, ID: 1802302-01 SWIN1808020900GGA 0.24803, Description: SWIN1808020900GGA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802302-01 SWIN1808020900GGA 0.2...	1.99e4	103.5	NO
2	2 13C5-PFHxA	1802302-01 SWIN1808020900GGA 0.2...	3.80e4	72.9	NO
3	3 13C3-PFHxS	1802302-01 SWIN1808020900GGA 0.2...	4.83e3	80.1	NO
4	4 13C8-PFOA	1802302-01 SWIN1808020900GGA 0.2...	3.87e4	67.1	NO
5	5 13C9-PFNA	1802302-01 SWIN1808020900GGA 0.2...	3.49e4	72.2	NO
6	6 13C4-PFOS	1802302-01 SWIN1808020900GGA 0.2...	5.12e3	73.8	NO
7	7 13C6-PFDA	1802302-01 SWIN1808020900GGA 0.2...	3.51e4	71.5	NO
8	8 13C7-PFUDa	1802302-01 SWIN1808020900GGA 0.2...	3.72e4	68.4	NO

Name: 180826M1_108, Date: 27-Aug-2018, Time: 09:07:03, ID: 1802302-02 SWEF1808020930GGA 0.23338, Description: SWEF1808020930GGA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802302-02 SWEF1808020930GGA 0....	2.04e4	106.4	NO
2	2 13C5-PFHxA	1802302-02 SWEF1808020930GGA 0....	4.01e4	76.9	NO
3	3 13C3-PFHxS	1802302-02 SWEF1808020930GGA 0....	5.16e3	85.7	NO
4	4 13C8-PFOA	1802302-02 SWEF1808020930GGA 0....	4.00e4	69.5	NO
5	5 13C9-PFNA	1802302-02 SWEF1808020930GGA 0....	3.71e4	76.9	NO
6	6 13C4-PFOS	1802302-02 SWEF1808020930GGA 0....	5.59e3	80.7	NO
7	7 13C6-PFDA	1802302-02 SWEF1808020930GGA 0....	3.72e4	75.8	NO
8	8 13C7-PFUDa	1802302-02 SWEF1808020930GGA 0....	4.06e4	74.8	NO

Name: 180826M1_109, Date: 27-Aug-2018, Time: 09:17:37, ID: 1802303-01 SWIN1808021000GGA 0.24383, Description: SWIN1808021000GGA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802303-01 SWIN1808021000GGA 0.2...	2.12e4	110.5	NO
2	2 13C5-PFHxA	1802303-01 SWIN1808021000GGA 0.2...	4.04e4	77.6	NO
3	3 13C3-PFHxS	1802303-01 SWIN1808021000GGA 0.2...	5.29e3	87.8	NO
4	4 13C8-PFOA	1802303-01 SWIN1808021000GGA 0.2...	4.20e4	72.9	NO
5	5 13C9-PFNA	1802303-01 SWIN1808021000GGA 0.2...	3.88e4	80.4	NO
6	6 13C4-PFOS	1802303-01 SWIN1808021000GGA 0.2...	5.86e3	84.5	NO
7	7 13C6-PFDA	1802303-01 SWIN1808021000GGA 0.2...	3.78e4	77.1	NO
8	8 13C7-PFUDa	1802303-01 SWIN1808021000GGA 0.2...	4.01e4	73.8	NO

Name: 180826M1_110, Date: 27-Aug-2018, Time: 09:28:15, ID: 1802303-02 SWEF1808021010GGA 0.25475, Description: SWEF1808021010GGA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802303-02 SWEF1808021010GGA 0....	2.10e4	109.5	NO
2	2 13C5-PFHxA	1802303-02 SWEF1808021010GGA 0....	3.91e4	75.1	NO
3	3 13C3-PFHxS	1802303-02 SWEF1808021010GGA 0....	5.00e3	83.1	NO
4	4 13C8-PFOA	1802303-02 SWEF1808021010GGA 0....	4.07e4	70.7	NO
5	5 13C9-PFNA	1802303-02 SWEF1808021010GGA 0....	3.78e4	78.4	NO
6	6 13C4-PFOS	1802303-02 SWEF1808021010GGA 0....	5.58e3	80.5	NO
7	7 13C6-PFDA	1802303-02 SWEF1808021010GGA 0....	3.66e4	74.6	NO
8	8 13C7-PFUDa	1802303-02 SWEF1808021010GGA 0....	4.11e4	75.8	NO

Dataset: Untitled

Last Altered: Monday, August 27, 2018 11:42:34 Pacific Daylight Time

Printed: Monday, August 27, 2018 11:42:49 Pacific Daylight Time

Name: 180826M1_111, Date: 27-Aug-2018, Time: 09:38:48, ID: 1802304-01 SWIN1808021040GGA 0.25268, Description: SWIN1808021040GGA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802304-01 SWIN1808021040GGA 0.2...	2.18e4	113.5	NO
2	2 13C5-PFHxA	1802304-01 SWIN1808021040GGA 0.2...	4.32e4	82.9	NO
3	3 13C3-PFHxS	1802304-01 SWIN1808021040GGA 0.2...	5.15e3	85.5	NO
4	4 13C8-PFOA	1802304-01 SWIN1808021040GGA 0.2...	4.17e4	72.4	NO
5	5 13C9-PFNA	1802304-01 SWIN1808021040GGA 0.2...	4.21e4	87.1	NO
6	6 13C4-PFOS	1802304-01 SWIN1808021040GGA 0.2...	5.66e3	81.6	NO
7	7 13C6-PFDA	1802304-01 SWIN1808021040GGA 0.2...	3.91e4	79.8	NO
8	8 13C7-PFUdA	1802304-01 SWIN1808021040GGA 0.2...	4.31e4	79.3	NO

Name: 180826M1_112, Date: 27-Aug-2018, Time: 09:49:27, ID: 1802326-01 SWEF1808021050GGA 0.2327, Description: SWEF1808021050GGA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802326-01 SWEF1808021050GGA 0....	2.04e4	106.0	NO
2	2 13C5-PFHxA	1802326-01 SWEF1808021050GGA 0....	3.88e4	74.5	NO
3	3 13C3-PFHxS	1802326-01 SWEF1808021050GGA 0....	4.63e3	76.9	NO
4	4 13C8-PFOA	1802326-01 SWEF1808021050GGA 0....	3.74e4	64.9	NO
5	5 13C9-PFNA	1802326-01 SWEF1808021050GGA 0....	3.84e4	79.5	NO
6	6 13C4-PFOS	1802326-01 SWEF1808021050GGA 0....	5.19e3	74.8	NO
7	7 13C6-PFDA	1802326-01 SWEF1808021050GGA 0....	3.65e4	74.5	NO
8	8 13C7-PFUdA	1802326-01 SWEF1808021050GGA 0....	3.93e4	72.4	NO

Name: 180826M1_113, Date: 27-Aug-2018, Time: 10:00:00, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	7.83e0	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA	8.06e0	0.0	YES
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 180826M1_114, Date: 27-Aug-2018, Time: 10:10:38, ID: ST180826M1-17 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180826M1-17 PFC CS3 18H2107	2.24e4	116.4	NO
2	2 13C5-PFHxA	ST180826M1-17 PFC CS3 18H2107	5.43e4	104.2	NO
3	3 13C3-PFHxS	ST180826M1-17 PFC CS3 18H2107	6.66e3	110.5	NO
4	4 13C8-PFOA	ST180826M1-17 PFC CS3 18H2107	5.57e4	96.7	NO
5	5 13C9-PFNA	ST180826M1-17 PFC CS3 18H2107	5.69e4	117.9	NO
6	6 13C4-PFOS	ST180826M1-17 PFC CS3 18H2107	7.33e3	105.7	NO
7	7 13C6-PFDA	ST180826M1-17 PFC CS3 18H2107	5.14e4	104.7	NO
8	8 13C7-PFUdA	ST180826M1-17 PFC CS3 18H2107	5.89e4	108.4	NO

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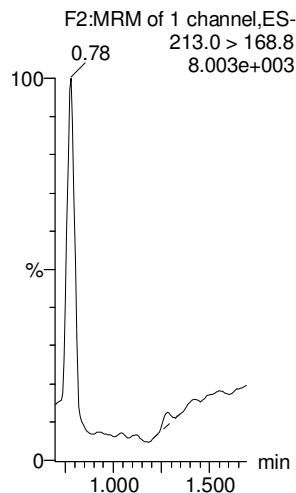
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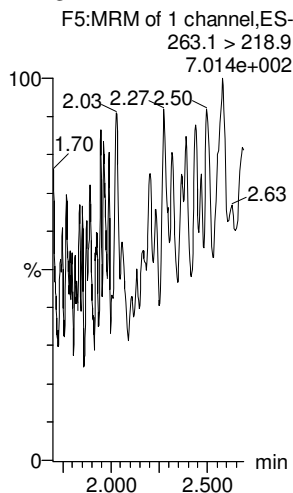
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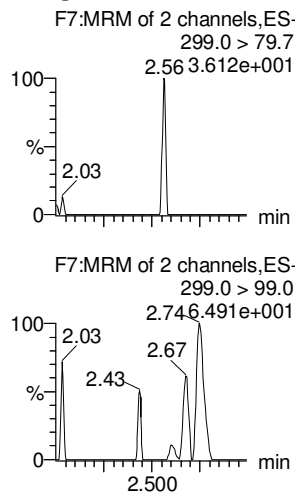
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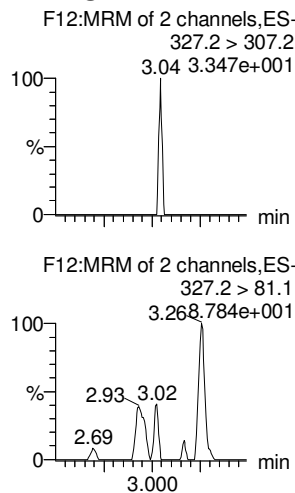
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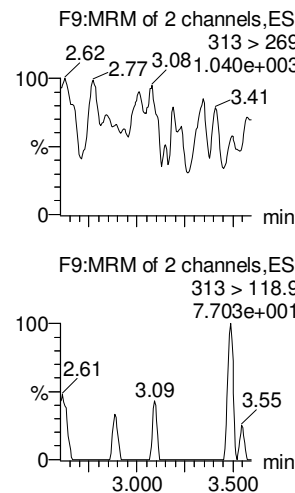
PFBS



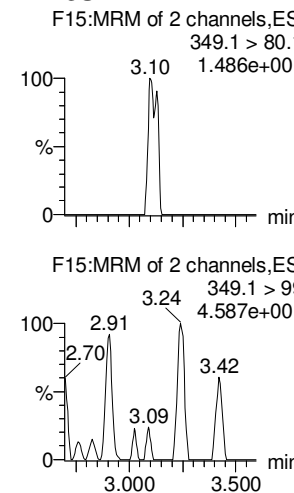
4:2 FTS



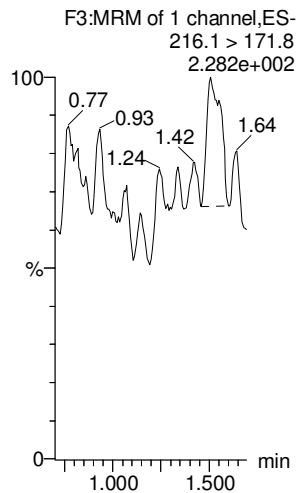
PFHxA



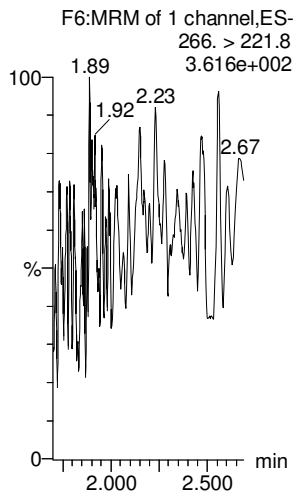
PFPeS



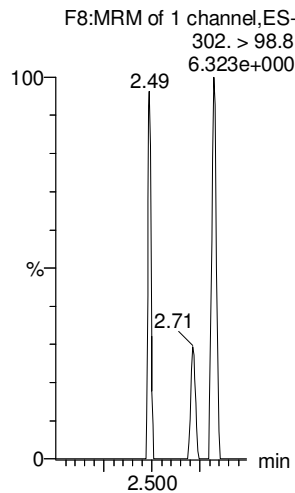
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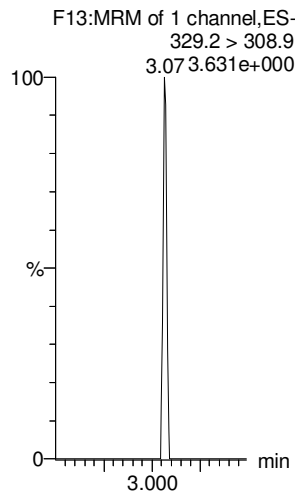
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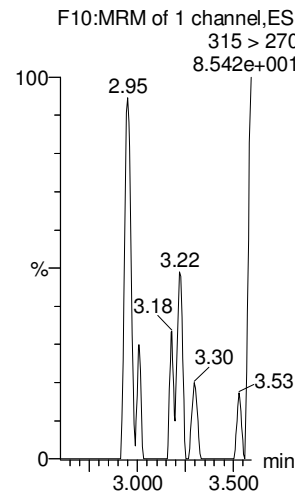
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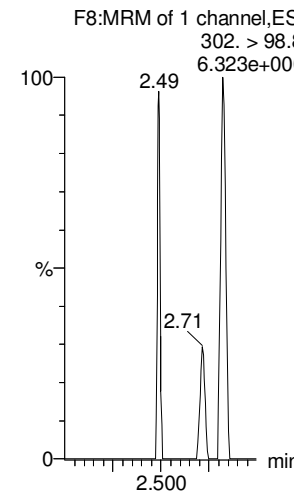
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



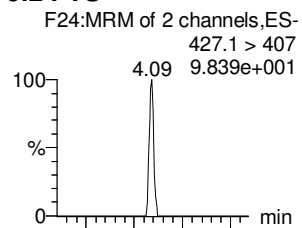
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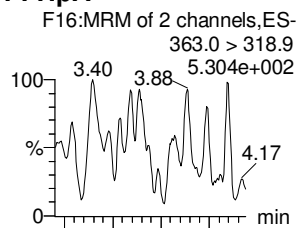
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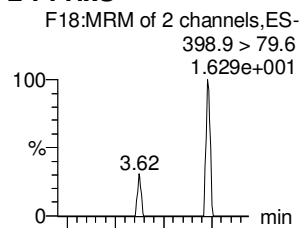
6:2 FTS



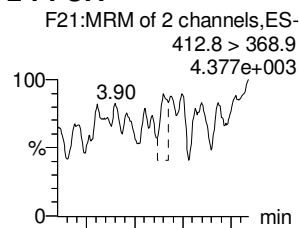
PFHpA



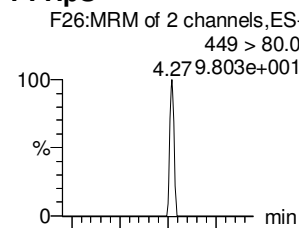
L-PFHxS



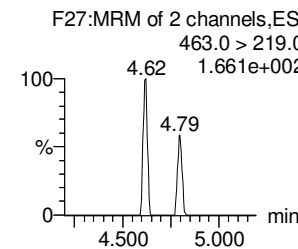
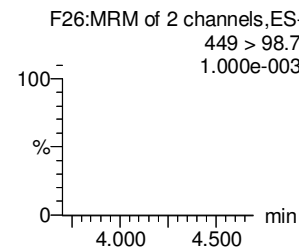
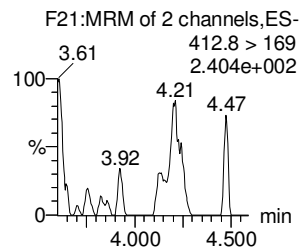
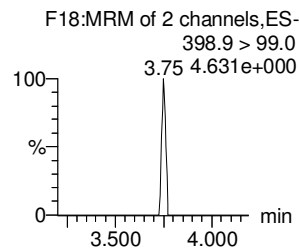
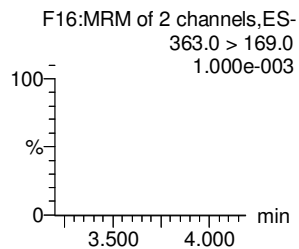
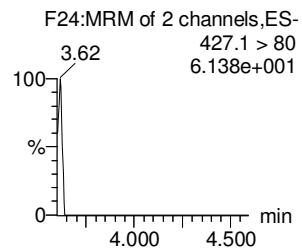
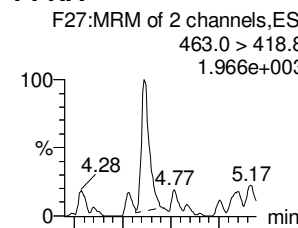
L-PFOA



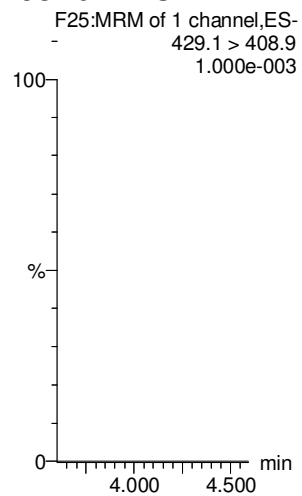
PFHpS



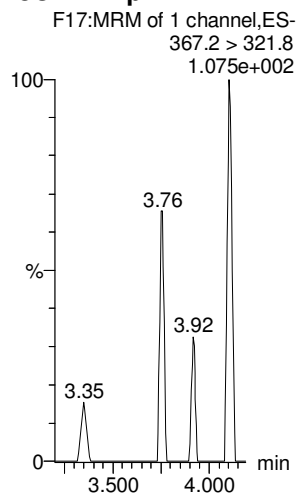
PFNA



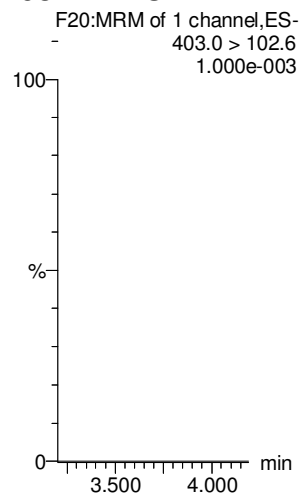
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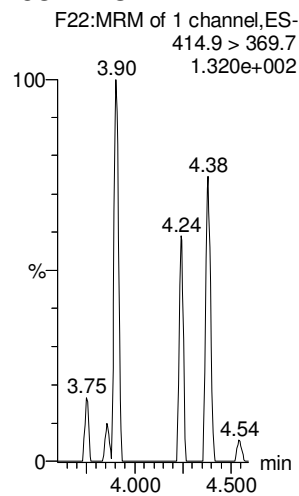
13C4-PFHpA



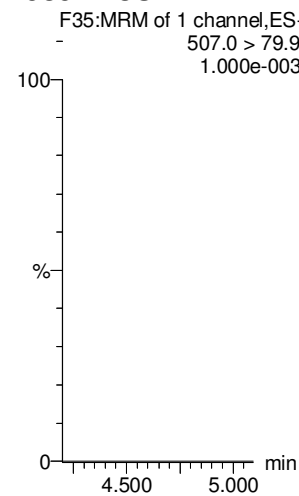
18O2-PFHxS



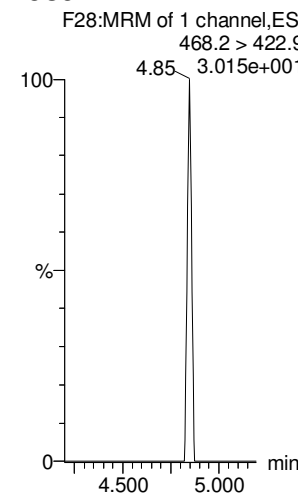
13C2-PFOA



13C8-PFOS



13C5-PFNA



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PFOSA

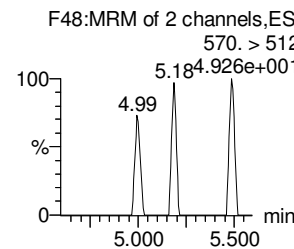
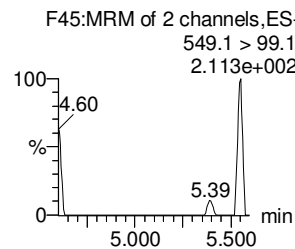
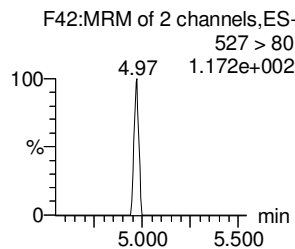
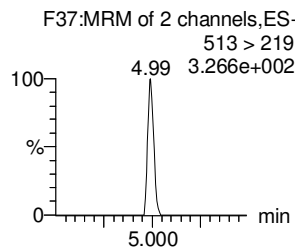
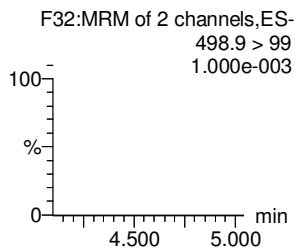
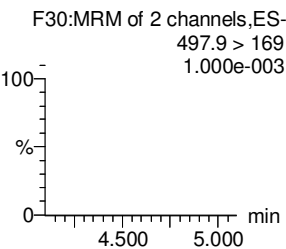
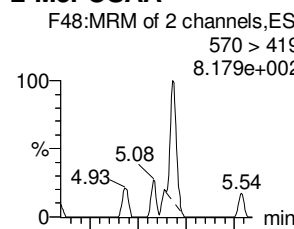
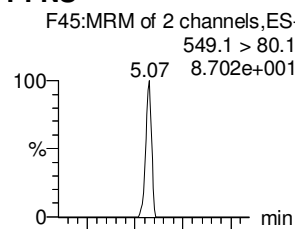
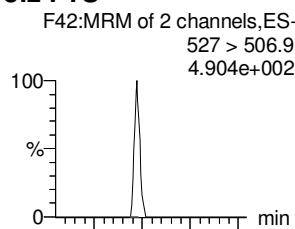
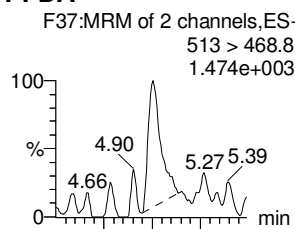
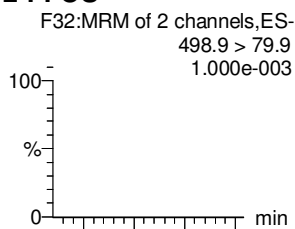
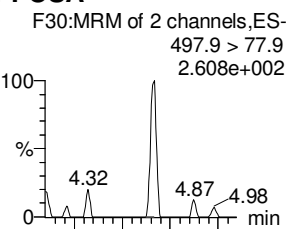
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOSA

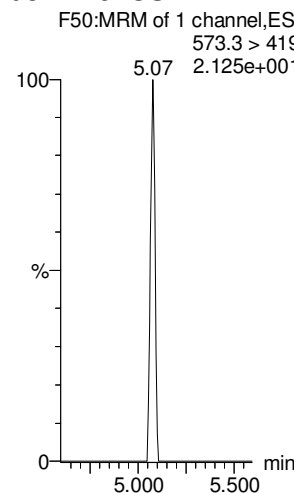
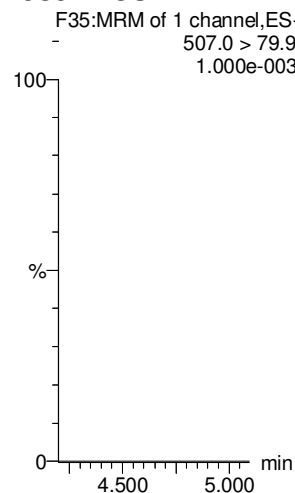
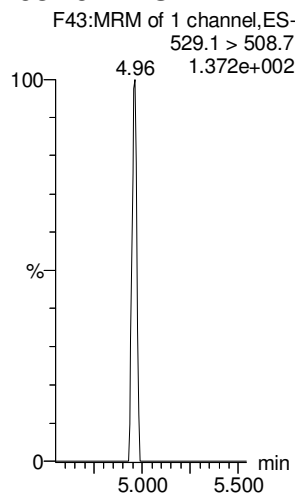
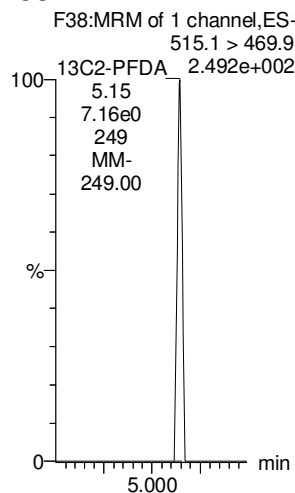
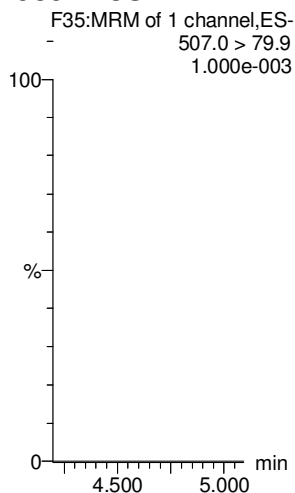
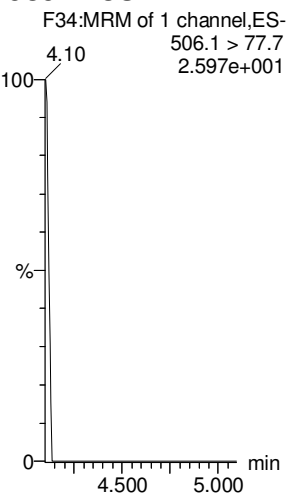
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA



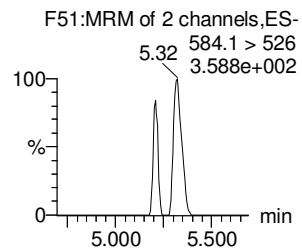
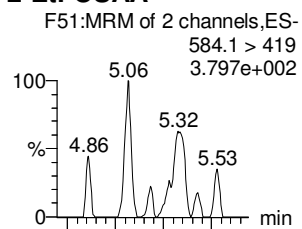
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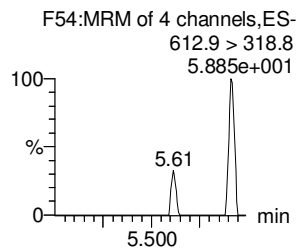
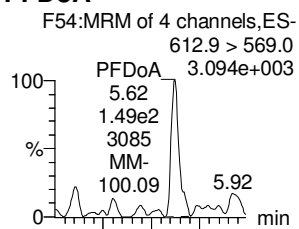
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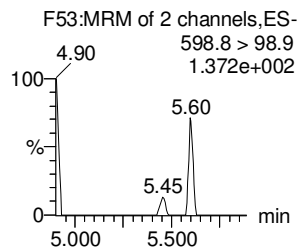
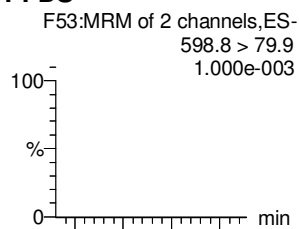
L-EtFOSAA



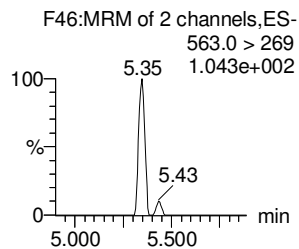
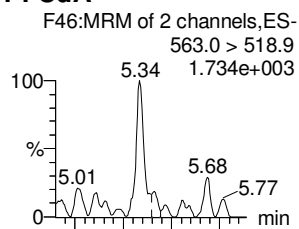
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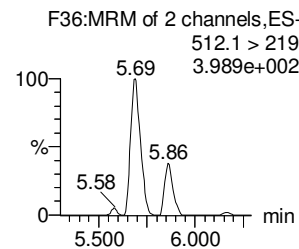
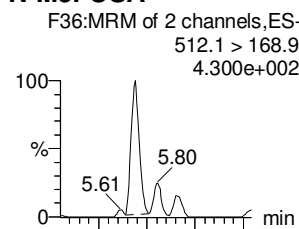
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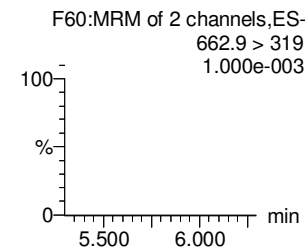
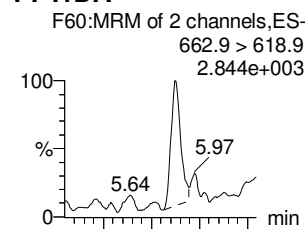
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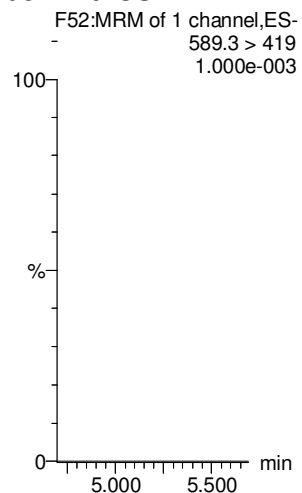
N-MeFOSA



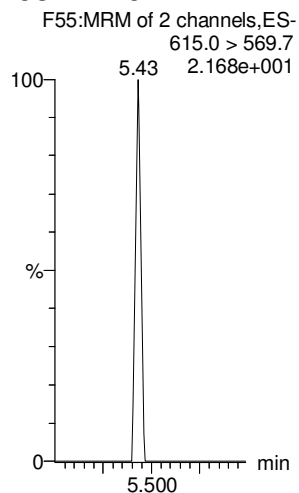
PFTrDA



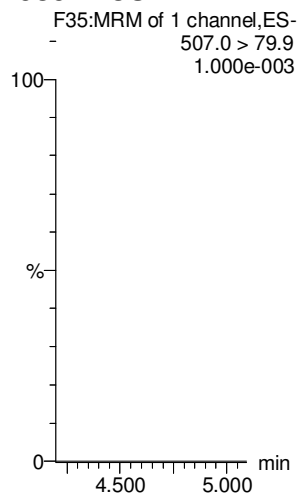
d5-N-EtFOSAA



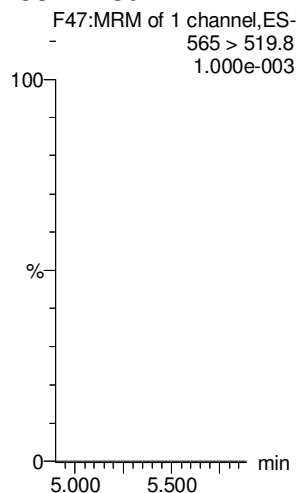
13C2-PFDoA



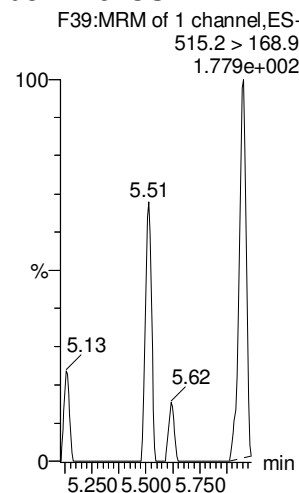
13C8-PFOS



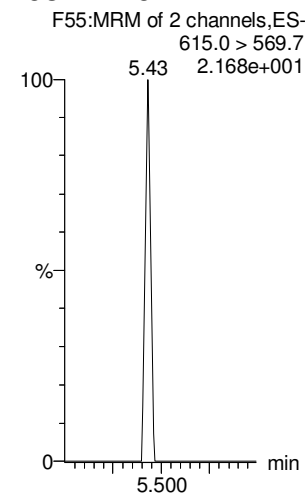
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA



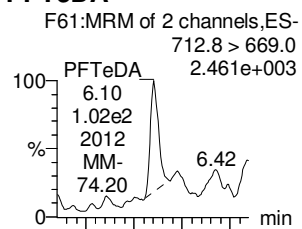
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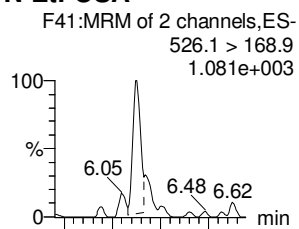
Printed: Monday, August 27, 2018 13:15:33 Pacific Daylight Time

Name: 180826M1_12, Date: 26-Aug-2018, Time: 16:09:41, ID: IPA, Description: IPA

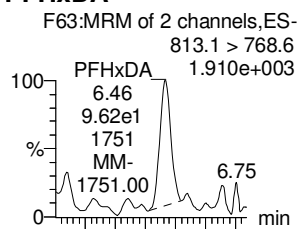
PFTeDA



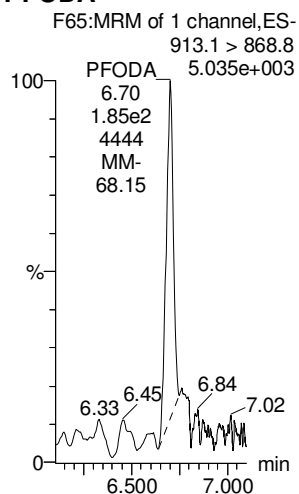
N-EtFOSA



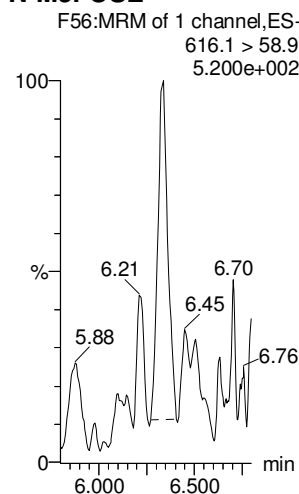
PFHxDA



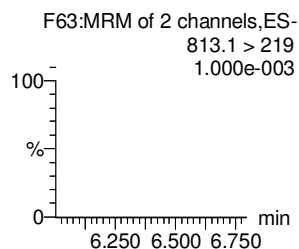
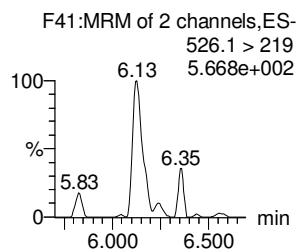
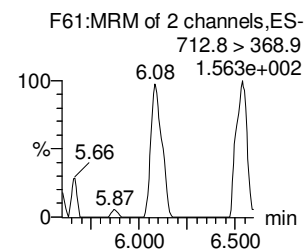
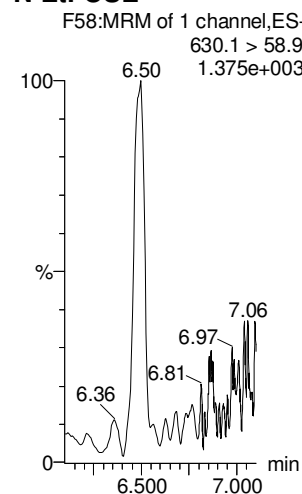
PFODA



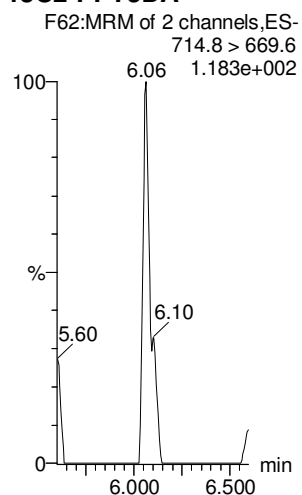
N-MeFOSE



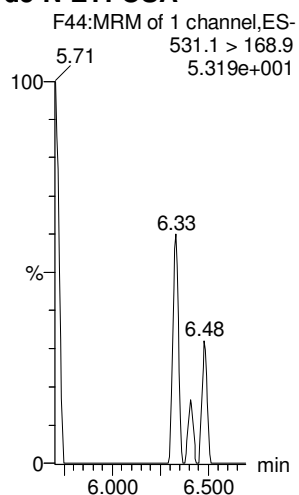
N-EtFOSE



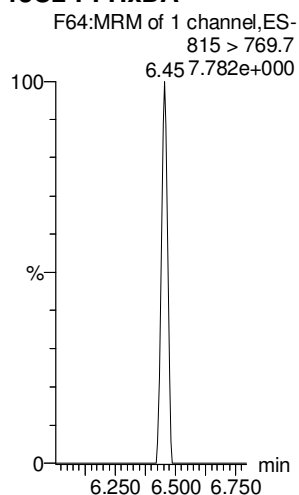
13C2-PFTeDA



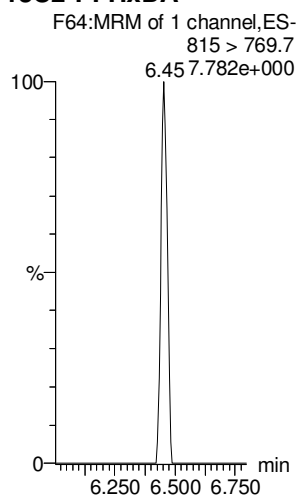
d5-N-ETFOSA



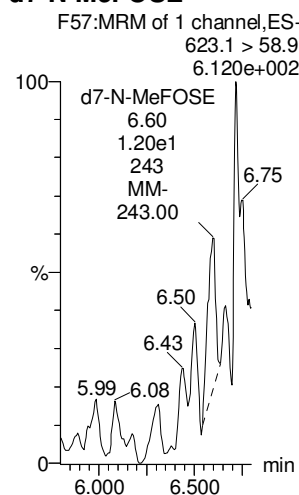
13C2-PFHxDA



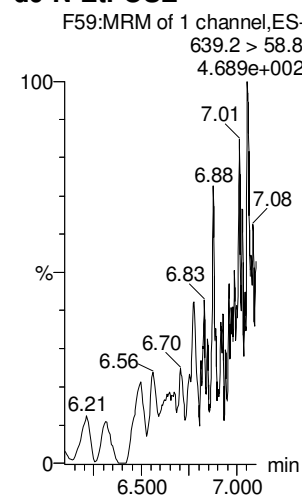
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



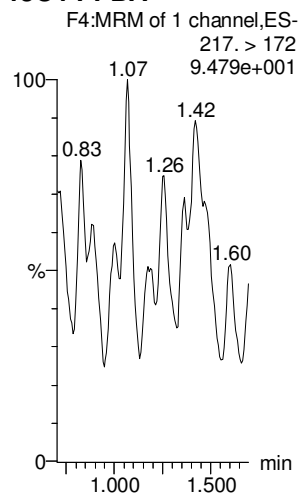
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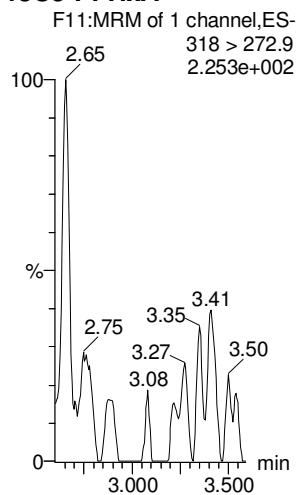
Printed: Monday, August 27, 2018 13:15:33 Pacific Daylight Time

Name: 180826M1_12, Date: 26-Aug-2018, Time: 16:09:41, ID: IPA, Description: IPA

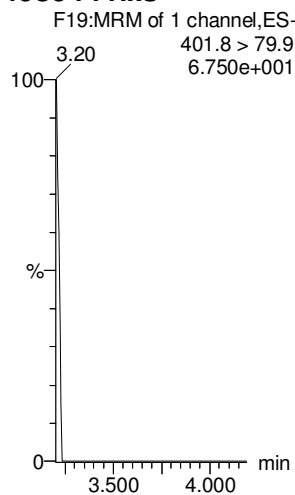
13C4-PFBA



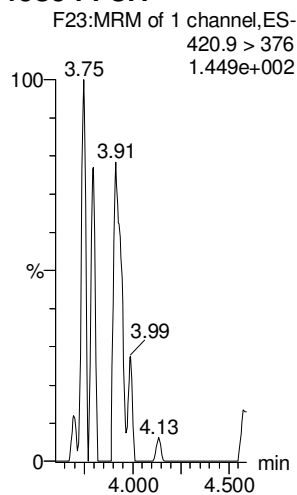
13C5-PFHxA



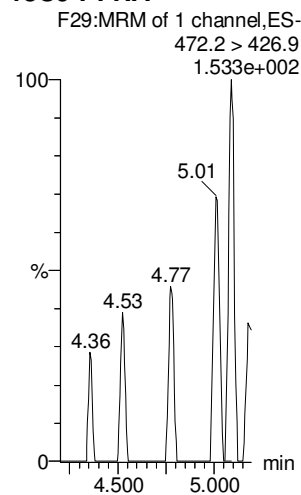
13C3-PFHxS



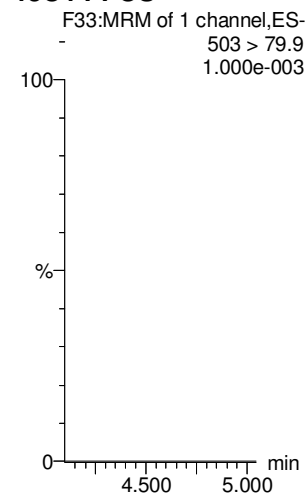
13C8-PFOA



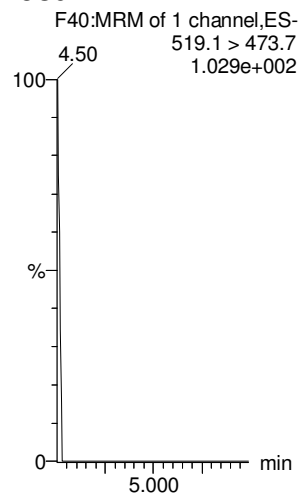
13C9-PFNA



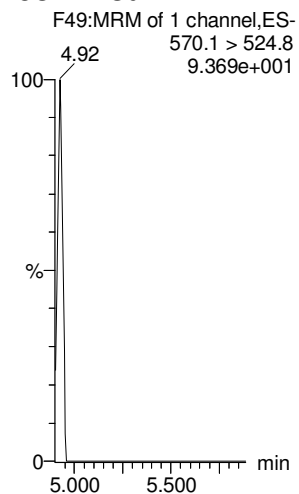
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\180826M1\180826M1-30.qld

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GPB 8/27/18

Name: 180826M1_30, Date: 26-Aug-2018, Time: 19:20:23, ID: ST180826M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	13857.485	15744.490	1.00	1.24	11.002	9.5	95.0	NO		
2	2 PFPeA	263.1 > 218.9	26400.088	35747.488	1.00	2.24	9.231	9.6	96.5	NO		
3	3 PFBS	299.0 > 79.7	5394.496	3422.071	1.00	2.54	19.705	9.9	99.0	NO	2.721	NO
4	4 4:2 FTS	327.2>307.2	5410.818	7021.116	1.00	2.96	9.633	10.2	101.6	NO	1.620	NO
5	5 PFHxA	313 > 269	36832.074	20477.482	1.00	3.04	8.993	9.5	95.5	NO	14.570	NO
6	6 PFPeS	349.1>80.1	4721.665	3422.071	1.00	3.25	17.247	10.3	103.0	NO	1.736	NO
7	36 13C3-PFBA	216.1 > 171.8	15744.490	19291.563	1.00	1.23	10.202	12.3	98.8	NO		
8	37 13C3-PFPeA	266. > 221.8	35747.488	53284.723	1.00	2.24	8.386	13.1	104.8	NO		
9	38 13C3-PFBS	302. > 98.8	3422.071	53284.723	1.00	2.54	0.803	12.3	98.6	NO		
10	39 13C2-4:2 FTS	329.2>308.9	7021.116	53284.723	1.00	2.96	1.647	11.8	94.1	NO		
11	40 13C2-PFHxA	315 > 270	20477.482	53284.723	1.00	3.04	4.804	5.0	99.3	NO		
12	38 13C3-PFBS	302. > 98.8	3422.071	53284.723	1.00	2.54	0.803	12.3	98.6	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	5785.893	7208.452	1.00	4.15	10.033	10.0	100.4	NO	2.843	NO
15	7 PFHpA	363.0 > 318.9	28953.740	32675.865	1.00	3.67	11.076	9.5	94.6	NO	24.511	NO
16	8 L-PFHxS	398.9 > 79.6	4058.985	3056.718	1.00	3.83	16.599	9.6	96.1	NO	1.722	NO
17	11 L-PFOA	412.8 > 368.9	45659.531	49285.262	1.00	4.21	11.580	9.3	93.3	NO	3.044	NO
18	13 PFHpS	449 > 80.0	5217.466	7304.684	1.00	4.32	8.928	10.6	105.6	NO	1.836	NO
19	14 PFNA	463.0 > 418.8	46775.195	50382.766	1.00	4.65	11.605	9.7	97.1	NO	5.433	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	7208.452	61046.879	1.00	4.15	1.476	11.0	88.4	NO		
21	41 13C4-PFHpA	367.2 > 321.8	32675.865	53284.723	1.00	3.67	7.665	13.1	104.8	NO		
22	42 18O2-PFHxS	403.0 > 102.6	3056.718	6240.626	1.00	3.83	6.123	11.8	94.7	NO		
23	44 13C2-PFOA	414.9 > 369.7	49285.262	61046.879	1.00	4.21	10.092	11.7	93.6	NO		
24	47 13C8-PFOS	507.0 > 79.9	7304.684	7049.733	1.00	4.74	12.952	12.2	97.5	NO		
25	45 13C5-PFNA	468.2 > 422.9	50382.766	52769.695	1.00	4.65	11.935	12.4	99.4	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	8513.122	10266.094	1.00	4.71	10.366	9.9	98.6	NO	32.063	NO
28	16 L-PFOS	498.9 > 79.9	5492.297	7304.684	1.00	4.74	9.399	9.7	96.6	NO	1.986	NO
29	18 PFDA	513 > 468.8	44791.633	48005.590	1.00	5.04	11.663	9.5	95.0	NO	6.262	NO
30	19 8:2 FTS	527 > 506.9	5413.502	5587.642	1.00	5.00	12.110	8.8	88.1	NO	2.249	NO
31	20 PFNS	549.1 > 80.1	4475.830	7304.684	1.00	5.10	7.659	9.9	99.5	NO	1.712	NO
32	21 L-MeFOSAA	570 > 419	12041.691	11991.410	1.00	5.19	12.552	9.8	97.9	NO	2.777	NO
33	46 13C8-PFOA	506.1 > 77.7	10266.094	56973.746	1.00	4.71	2.252	11.5	92.0	NO		
34	47 13C8-PFOS	507.0 > 79.9	7304.684	7049.733	1.00	4.74	12.952	12.2	97.5	NO		

*dm
8/27/18*

Dataset: F:\Projects\PFAS.PRO\Results\180826M1\180826M1-30.qld

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Name: 180826M1_30, Date: 26-Aug-2018, Time: 19:20:23, ID: ST180826M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	48005.590	52170.945	1.00	5.04	11.502	12.2	97.5	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	5587.642	61046.879	1.00	5.01	1.144	10.9	87.3	NO		
37	47 13C8-PFOS	507.0 > 79.9	7304.684	7049.733	1.00	4.74	12.952	12.2	97.5	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	11991.410	56973.746	1.00	5.18	2.631	11.6	92.9	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	10177.336	13047.920	1.00	5.35	9.750	10.0	100.2	NO	1.447	NO
41	27 PFDoA	612.9 > 569.0	47217.801	56506.422	1.00	5.65	10.445	9.5	95.4	NO	8.376	NO
42	26 PFDS	598.8 > 79.9	5068.384	7304.684	1.00	5.42	8.673	9.4	93.8	NO	1.511	NO
43	25 PFUdA	563.0 > 518.9	41971.379	54375.609	1.00	5.37	9.648	10.2	101.9	NO	12.379	NO
44	28 N-MeFOSA	512.1 > 168.9	13974.742	40904.797	1.00	5.74	51.246	51.2	102.3	NO	1.408	NO
45	29 PFTrDA	662.9 > 618.9	51134.910	56506.422	1.00	5.90	11.312	9.9	99.2	NO	34.500	NO
46	52 d5-N-EtFOSAA	589.3 > 419	13047.920	56973.746	1.00	5.34	2.863	11.6	93.0	NO		
47	53 13C2-PFDoA	615.0 > 569.7	56506.422	52170.945	1.00	5.65	13.539	11.8	94.8	NO		
48	47 13C8-PFOS	507.0 > 79.9	7304.684	7049.733	1.00	4.74	12.952	12.2	97.5	NO		
49	51 13C2-PFUdA	565 > 519.8	54375.609	56973.746	1.00	5.37	11.930	11.8	94.7	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	40904.797	56973.746	1.00	5.77	8.974	134.9	89.9	NO		
51	53 13C2-PFDoA	615.0 > 569.7	56506.422	52170.945	1.00	5.65	13.539	11.8	94.8	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	37710.559	39215.277	1.00	6.12	12.020	9.2	92.1	NO	11.376	NO
54	31 N-EtFOSA	526.1 > 168.9	15179.266	48691.605	1.00	6.17	46.761	49.8	99.5	NO	1.474	NO
55	32 PFHxDA	813.1 > 768.6	25872.789	19579.133	1.00	6.47	6.607	10.0	99.8	NO	40.302	NO
56	33 PFODA	913.1 > 868.8	30913.352	19579.133	1.00	6.70	7.894	9.5	95.4	NO		
57	34 N-MeFOSE	616.1 > 58.9	10697.750	31919.102	1.00	6.35	50.273	51.4	102.7	NO		
58	35 N-EtFOSE	630.1 > 58.9	12202.155	32062.922	1.00	6.51	57.085	51.8	103.5	NO		
59	55 13C2-PFTeDA	714.8 > 669.6	39215.277	56973.746	1.00	6.13	8.604	11.9	95.2	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	48691.605	56973.746	1.00	6.18	10.683	130.9	87.3	NO		
61	57 13C2-PFHxDA	815 > 769.7	19579.133	56973.746	1.00	6.47	4.296	4.7	93.6	NO		
62	57 13C2-PFHxDA	815 > 769.7	19579.133	56973.746	1.00	6.47	4.296	4.7	93.6	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	31919.102	56973.746	1.00	6.35	7.003	129.7	86.5	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	32062.922	56973.746	1.00	6.50	7.035	131.1	87.4	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	19291.563	19291.563	1.00	1.24	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	53284.723	53284.723	1.00	3.04	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	6240.626	6240.626	1.00	3.83	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\180826M1\180826M1-30.qld

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Name: 180826M1_30, Date: 26-Aug-2018, Time: 19:20:23, ID: ST180826M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	61046.879	61046.879	1.00	4.21	12.500	12.5	100.0		NO	
70	64 13C9-PFNA	472.2 > 426.9	52769.695	52769.695	1.00	4.65	12.500	12.5	100.0		NO	
71	65 13C4-PFOS	503 > 79.9	7049.733	7049.733	1.00	4.74	12.500	12.5	100.0		NO	
72	66 13C6-PFDA	519.1 > 473.7	52170.945	52170.945	1.00	5.04	12.500	12.5	100.0		NO	
73	67 13C7-PFUdA	570.1 > 524.8	56973.746	56973.746	1.00	5.37	12.500	12.5	100.0		NO	

Dataset: Untitled

Last Altered: Monday, August 27, 2018 13:08:09 Pacific Daylight Time

Printed: Monday, August 27, 2018 13:08:14 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082618.mdb 27 Aug 2018 11:41:25

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	180826M1_1	IPA	26-Aug-18	14:13:09
2	180826M1_2	ST180826M1-1 PFC CS-2 18H2102	26-Aug-18	14:23:43
3	180826M1_3	ST180826M1-2 PFC CS-1 18H2103	26-Aug-18	14:34:22
4	180826M1_4	(A) ST180826M1-3 PFC CS0 18H2104	26-Aug-18	14:44:55
5	180826M1_5	ST180826M1-4 PFC CS1 18H2105	26-Aug-18	14:55:33
6	180826M1_6	ST180826M1-5 PFC CS2 18H2106	26-Aug-18	15:06:07
7	180826M1_7	ST180826M1-6 PFC CS3 18H2107	26-Aug-18	15:16:45
8	180826M1_8	ST180826M1-7 PFC CS4 18H2108	26-Aug-18	15:27:18
9	180826M1_9	ST180826M1-8 PFC CS5 18H2109	26-Aug-18	15:37:56
10	180826M1_10	ST180826M1-9 PFC CS6 18H2110	26-Aug-18	15:48:29
11	180826M1_11	ST180826M1-10 PFC CS7 18H2111	26-Aug-18	15:59:08
12	180826M1_12	IPA	26-Aug-18	16:09:41
13	180826M1_13	ICV180826M1-1 PFC 537 ICV 18H2112	26-Aug-18	16:20:19
14	180826M1_14	1802094-07 SA-MW128I-20180726 0.253	26-Aug-18	16:30:54
15	180826M1_15	1802094-08 SA-PZ144I-20180726 0.26...	26-Aug-18	16:41:30
16	180826M1_16	1802094-19 FRB02-072718 0.11299	26-Aug-18	16:52:02
17	180826M1_17	1802366-03 REEPDW573 0.11989	26-Aug-18	17:02:41
18	180826M1_18	1802094-06 SA-PZ145D-20180726 0.2...	26-Aug-18	17:13:16
19	180826M1_19	IPA	26-Aug-18	17:23:53
20	180826M1_20	1802094-05@5X SA-PZ145I-20180726 ...	26-Aug-18	17:34:26
21	180826M1_21	1802094-06@5X SA-PZ145D-2018072...	26-Aug-18	17:45:04
22	180826M1_22	B8G0192-MS1 Matrix Spike 0.25154	26-Aug-18	17:55:37
23	180826M1_23	B8G0192-MSD1 Matrix Spike Dup 0.247...	26-Aug-18	18:06:16
24	180826M1_24	1801939-01 SWIN1807191030GGA 0.2...	26-Aug-18	18:16:49
25	180826M1_25	1801939-02 SWEF1807191020GGA 0....	26-Aug-18	18:27:27
26	180826M1_26	1801940-01 SWIN1807191120GGA 0.2...	26-Aug-18	18:38:01
27	180826M1_27	1801940-02 SWEF1807191130GGA 0....	26-Aug-18	18:48:39
28	180826M1_28	*1801944-01 SWIN1807190900GGA 0.2...	26-Aug-18	18:59:12
29	180826M1_29	IPA	26-Aug-18	19:09:50
30	180826M1_30	ST180826M1-11 PFC CS3 18H2107	26-Aug-18	19:20:23
31	180826M1_31	1801944-02 SWEF1807190910GGA 0....	26-Aug-18	19:31:02
32	180826M1_32	1801995-01 SB-1 0.11452	26-Aug-18	19:41:34

(A) Curve not used.

*1801944-01 INVALID. REFER TO REINJECT

Dataset: Untitled

Last Altered: Monday, August 27, 2018 13:08:09 Pacific Daylight Time

Printed: Monday, August 27, 2018 13:08:14 Pacific Daylight Time

Compound name: PFBA

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33	33 180826M1_33	1801995-02 SB-2 0.11624	26-Aug-18	19:52:12
34	34 180826M1_34	1801995-03 MW-5 0.11159	26-Aug-18	20:02:45
35	35 180826M1_35	1802294-01 Bemidji Pilot APR2 lead 0.2...	26-Aug-18	20:13:23
36	36 180826M1_36	1802294-02 Bemidji Pilot PSR2 + 0.23755	26-Aug-18	20:24:02
37	37 180826M1_37	1802376-01 SWIN1808090910GGA 0.2...	26-Aug-18	20:34:34
38	38 180826M1_38	1802376-02 SWEF1808090920GGA 0...	26-Aug-18	20:45:13
39	39 180826M1_39	1802383-01 EB01-180808 0.23594	26-Aug-18	20:55:43
40	40 180826M1_40	1802383-02 EB02-180808 0.23488	26-Aug-18	21:06:21
41	41 180826M1_41	IPA	26-Aug-18	21:16:55
42	42 180826M1_42	ST180826M1-12 PFC CS3 18H2107	26-Aug-18	21:27:33
43	43 180826M1_43	1802383-03 EB03-180808 0.24378	26-Aug-18	21:38:06
44	44 180826M1_44	1802409-01 SW-SUMP 0.24091	26-Aug-18	21:48:44
45	45 180826M1_45	1802409-03 SW-Field Blank 0.24982	26-Aug-18	21:59:17
46	46 180826M1_46	B8G0208-BS1 OPR 0.25	26-Aug-18	22:09:55
47	47 180826M1_47	B8G0208-BLK1 Method Blank 0.25	26-Aug-18	22:20:27
48	48 180826M1_48	B8G0208-MS1 Matrix Spike 0.22586	26-Aug-18	22:31:06
49	49 180826M1_49	B8G0208-MSD1 Matrix Spike Dup 0.226...	26-Aug-18	22:41:39
50	50 180826M1_50	1801930-01 94121 0.23631	26-Aug-18	22:52:17
51	51 180826M1_51	1801930-02 94122 0.24258	26-Aug-18	23:02:51
52	52 180826M1_52	1801930-03 94123 0.2353	26-Aug-18	23:13:29
53	53 180826M1_53	1801930-04 94124 0.20664	26-Aug-18	23:24:02
54	54 180826M1_54	1801930-05 94125 0.23386	26-Aug-18	23:34:41
55	55 180826M1_55	1801930-06 94126 0.224	26-Aug-18	23:45:14
56	56 180826M1_56	1801930-07 94127 0.25421	26-Aug-18	23:55:52
57	57 180826M1_57	1801930-08 94128 0.22142	27-Aug-18	00:06:25
58	58 180826M1_58	IPA	27-Aug-18	00:17:03
59	59 180826M1_59	ST180826M1-13 PFC CS3 18H2107	27-Aug-18	00:27:42
60	60 180826M1_60	1801930-09 94129 0.25755	27-Aug-18	00:38:15
61	61 180826M1_61	B8H0069-BS1 OPR 0.25	27-Aug-18	00:48:54
62	62 180826M1_62	B8H0069-BLK1 Method Blank 0.25	27-Aug-18	00:59:26
63	63 180826M1_63	1802195-01 C2E4-8hr/24hr 0.23649	27-Aug-18	01:10:04
64	64 180826M1_64	1802272-01 B-1W 0.11572	27-Aug-18	01:20:43
65	65 180826M1_65	1802272-02 B-9W 0.11512	27-Aug-18	01:31:15
66	66 180826M1_66	1802272-03 B-7W 0.10668	27-Aug-18	01:41:53
67	67 180826M1_67	1802272-04 B-3W 0.11741	27-Aug-18	01:52:26
68	68 180826M1_68	1802272-05 B-2W 0.11459	27-Aug-18	02:03:04

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Compound name: PFBA

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70	70 180826M1_70	1802272-07 B-6W 0.11745	27-Aug-18	02:24:15
71	71 180826M1_71	1802272-08 B-8W 0.11796	27-Aug-18	02:34:47
72	72 180826M1_72	IPA	27-Aug-18	02:45:26
73	73 180826M1_73	ST180826M1-14 PFC CS3 18H2107	27-Aug-18	02:55:59
74	74 180826M1_74	1802272-09 B-10W 0.11693	27-Aug-18	03:06:37
75	75 180826M1_75	1802272-10 B-5W 0.11466	27-Aug-18	03:17:15
76	76 180826M1_76	1802272-11 IDW-GW 0.10313	27-Aug-18	03:27:48
77	77 180826M1_77	1802272-12 B-4W 0.10974	27-Aug-18	03:38:27
78	78 180826M1_78	B8H0078-BS1 OPR 1	27-Aug-18	03:49:05
79	79 180826M1_79	B8H0078-BLK1 Method Blank 1	27-Aug-18	03:59:37
80	80 180826M1_80	B8H0078-MS1 Matrix Spike 1.15	27-Aug-18	04:10:16
81	81 180826M1_81	B8H0078-MSD1 Matrix Spike Dup 1.14	27-Aug-18	04:20:49
82	82 180826M1_82	1802272-13 B-5W (4-5-6) 1.14	27-Aug-18	04:31:27
83	83 180826M1_83	1802272-14 B-3W (4-6) 1.07	27-Aug-18	04:42:00
84	84 180826M1_84	1802272-15 B-3W (1-3) 1.1	27-Aug-18	04:52:38
85	85 180826M1_85	1802272-16 B-5W (1-3) 1.09	27-Aug-18	05:03:11
86	86 180826M1_86	1802272-17 B-4W (2-4) 1.17	27-Aug-18	05:13:50
87	87 180826M1_87	1802272-18 B-10W (1-3) 1.08	27-Aug-18	05:24:23
88	88 180826M1_88	IPA	27-Aug-18	05:35:01
89	89 180826M1_89	ST180826M1-15 PFC CS3 18H2107	27-Aug-18	05:45:39
90	90 180826M1_90	1802272-19 B-7W (3-5) 1.04	27-Aug-18	05:56:13
91	91 180826M1_91	1802272-20 B-9W (6-8) 1.09	27-Aug-18	06:06:51
92	92 180826M1_92	1802273-01 B-8W (1-3) 1.08	27-Aug-18	06:17:29
93	93 180826M1_93	1802273-02 B-1W (1-3) 1.09	27-Aug-18	06:28:03
94	94 180826M1_94	1802273-03 B-2W (1-3) 1.08	27-Aug-18	06:38:41
95	95 180826M1_95	1802273-04 B-10W (6-8) 1.05	27-Aug-18	06:49:13
96	96 180826M1_96	1802273-05 B-9W (1-3) 1.1	27-Aug-18	06:59:52
97	97 180826M1_97	1802273-06 B-6W (1-3) 1.06	27-Aug-18	07:10:24
98	98 180826M1_98	1802273-07 DUP2-SL 1.07	27-Aug-18	07:21:03
99	99 180826M1_99	1802273-08 DUP-SL 1.09	27-Aug-18	07:31:35
100	1... 180826M1_100	IPA	27-Aug-18	07:42:14
101	1... 180826M1_101	ST180826M1-16 PFC CS3 18H2107	27-Aug-18	07:52:46
102	1... 180826M1_102	1802273-09 B-8W (5-7) 1.11	27-Aug-18	08:03:25
103	1... 180826M1_103	B8H0079-BS1 OPR 0.25	27-Aug-18	08:14:03
104	1... 180826M1_104	B8H0079-BLK1 Method Blank 0.25	27-Aug-18	08:24:36

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Compound name: PFBA

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106	1... 180826M1_106	1802248-02 SWIN1808021240GSC 0.2...	27-Aug-18	08:45:53
107	1... 180826M1_107	1802302-01 SWIN1808020900GGA 0.2...	27-Aug-18	08:56:25
108	1... 180826M1_108	1802302-02 SWEF1808020930GGA 0....	27-Aug-18	09:07:03
109	1... 180826M1_109	1802303-01 SWIN1808021000GGA 0.2...	27-Aug-18	09:17:37
110	1... 180826M1_110	1802303-02 SWEF1808021010GGA 0....	27-Aug-18	09:28:15
111	1... 180826M1_111	1802304-01 SWIN1808021040GGA 0.2...	27-Aug-18	09:38:48
112	1... 180826M1_112	1802326-01 SWEF1808021050GGA 0....	27-Aug-18	09:49:27
113	1... 180826M1_113	IPA	27-Aug-18	10:00:00
114	1... 180826M1_114	ST180826M1-17 PFC CS3 18H2107	27-Aug-18	10:10:38

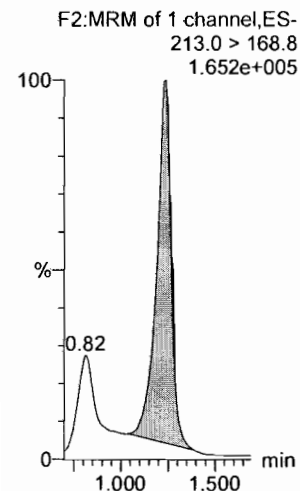
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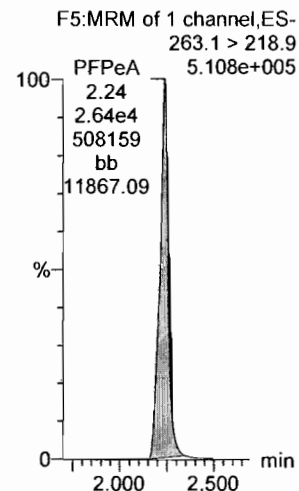
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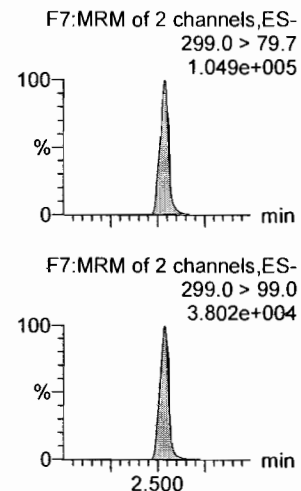
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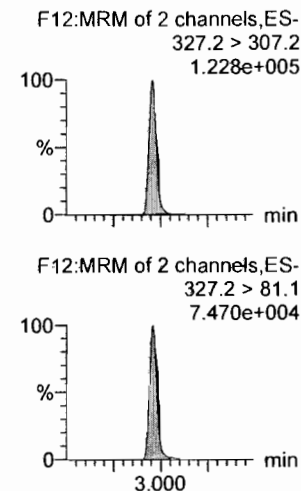
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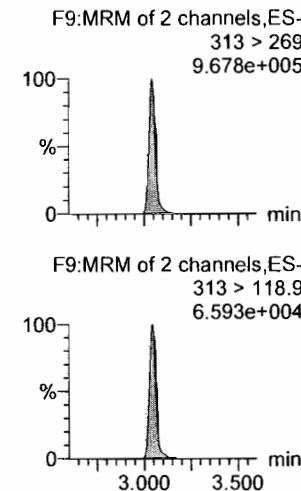
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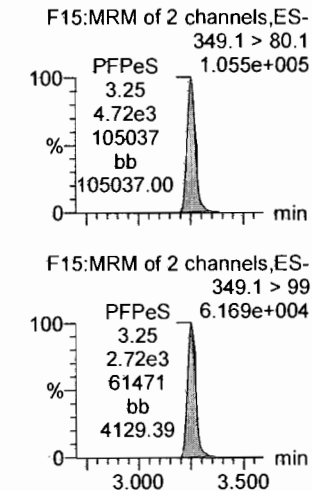
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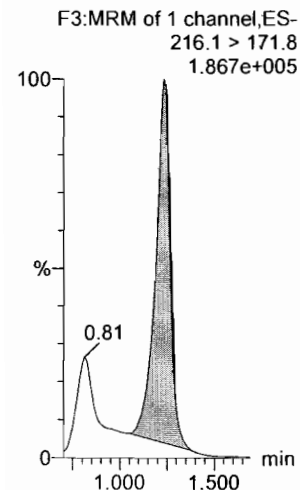
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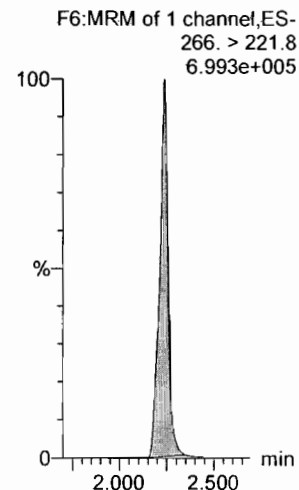
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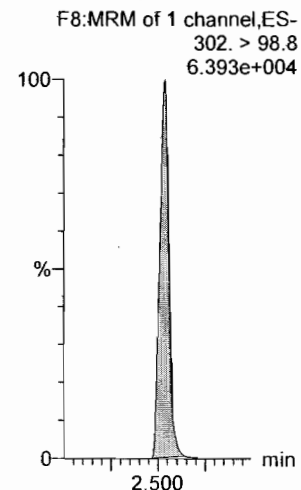
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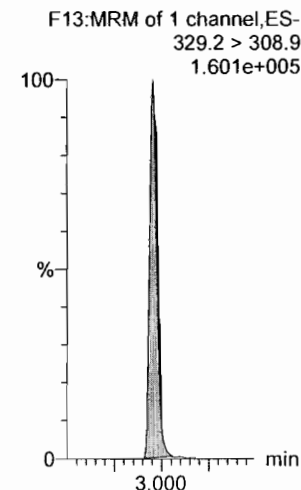
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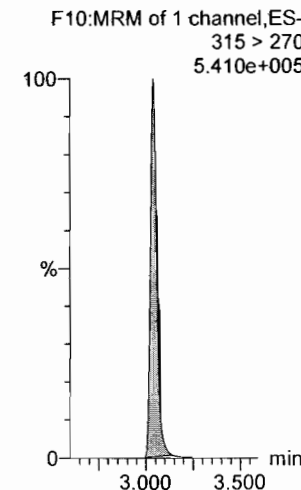
13C3-PFBS



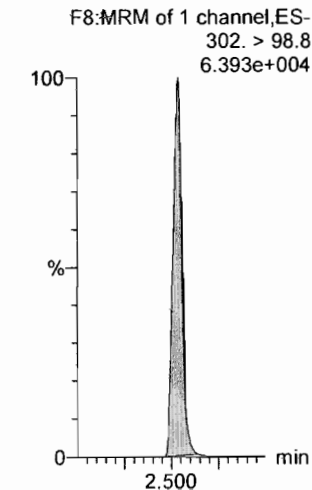
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



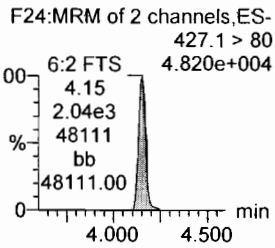
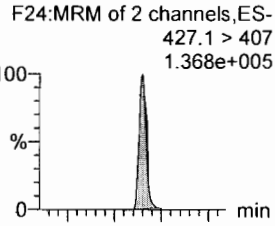
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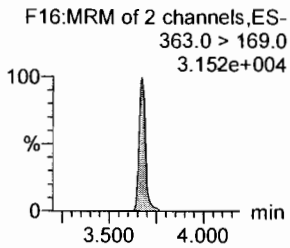
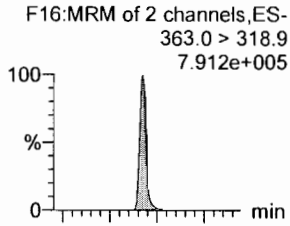
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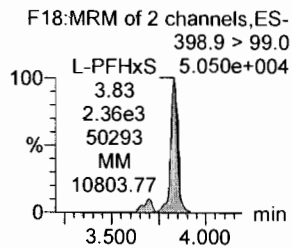
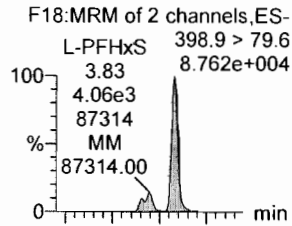
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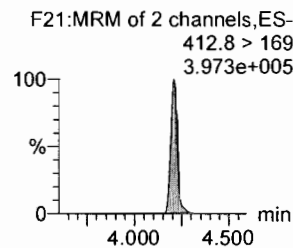
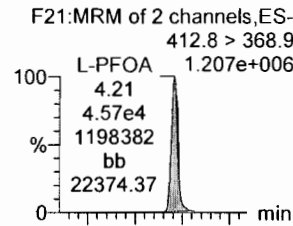
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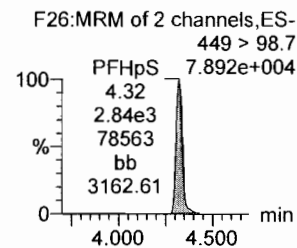
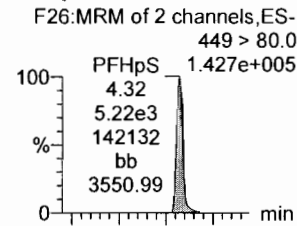
L-PFHxS



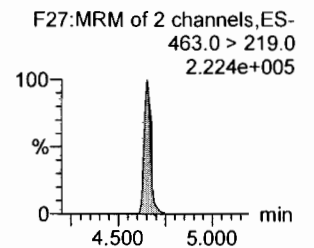
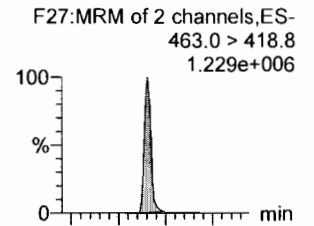
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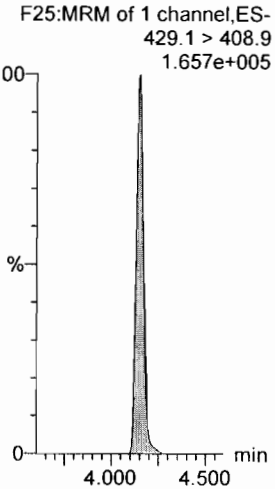
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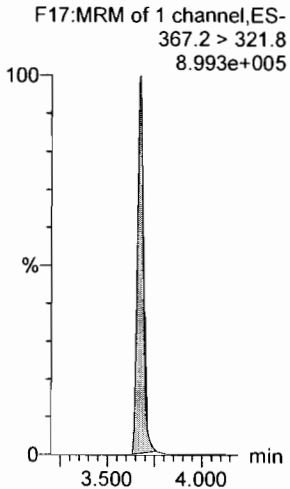
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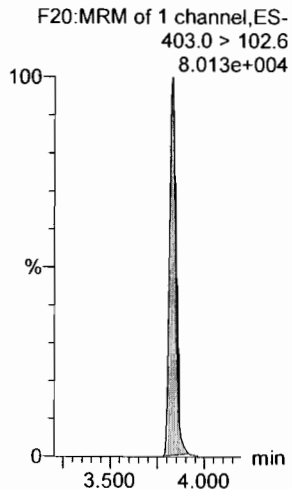
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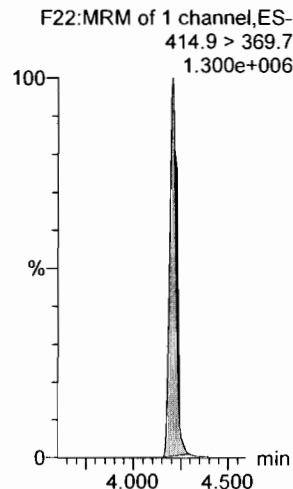
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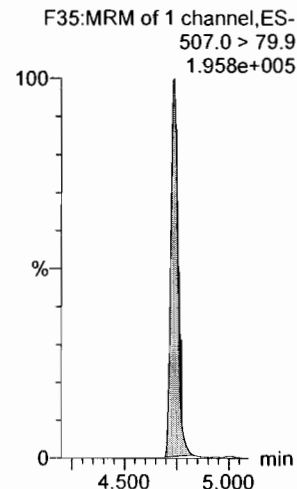
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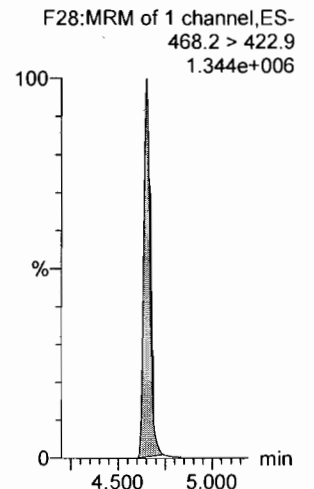
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13C8-PFOS



13C5-PFNA



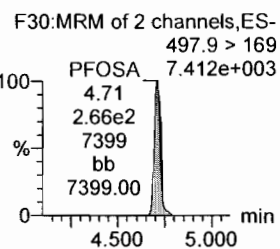
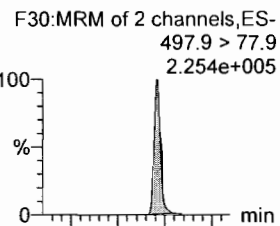
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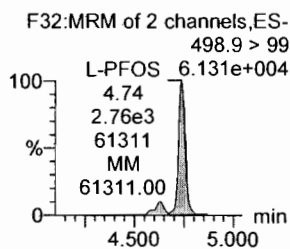
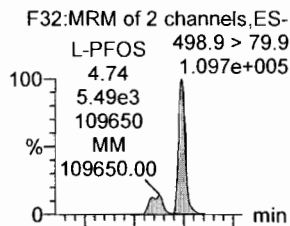
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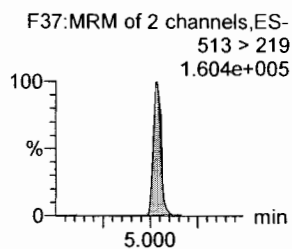
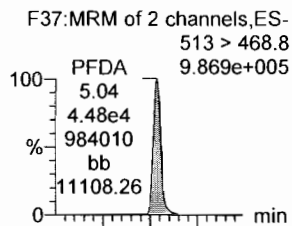
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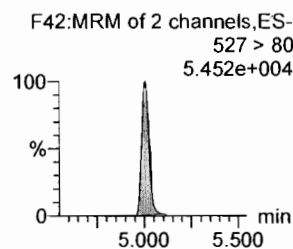
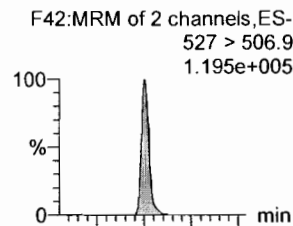
L-PFOS



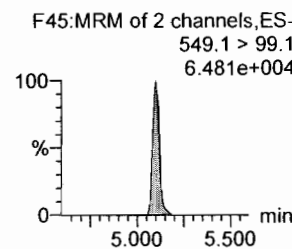
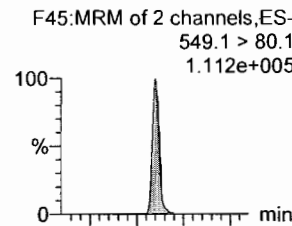
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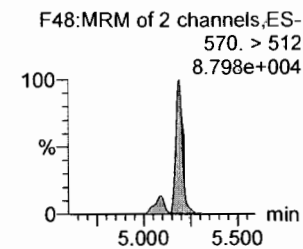
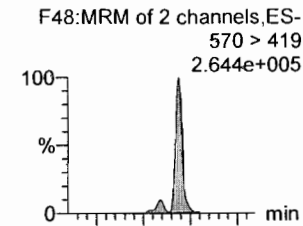
8:2 FTS



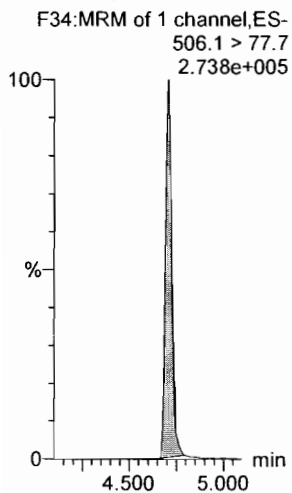
PFNS



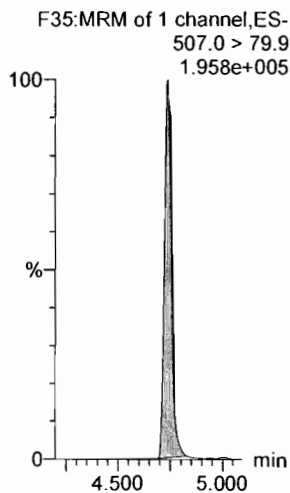
L-MeFOSAA



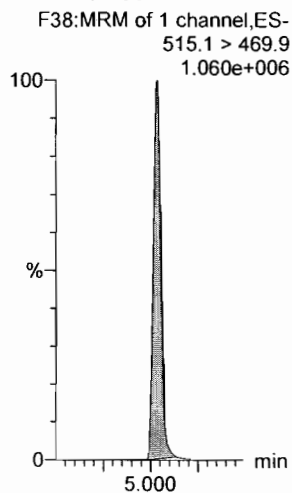
13C8-PFOSA



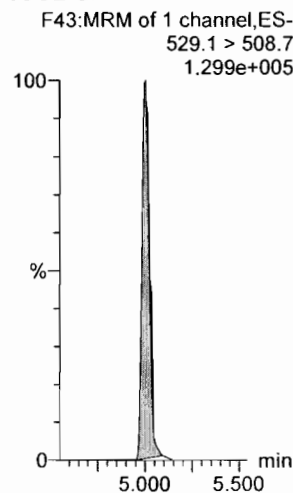
13C8-PFOS



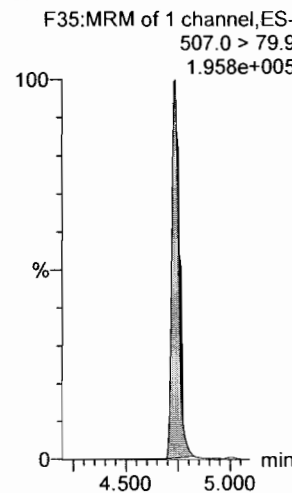
13C2-PFDA



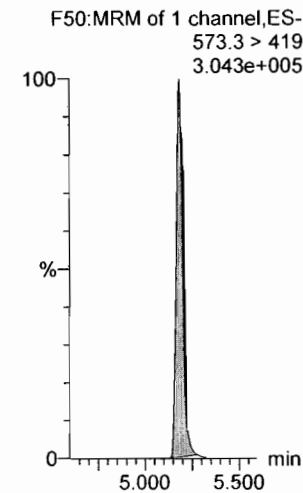
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

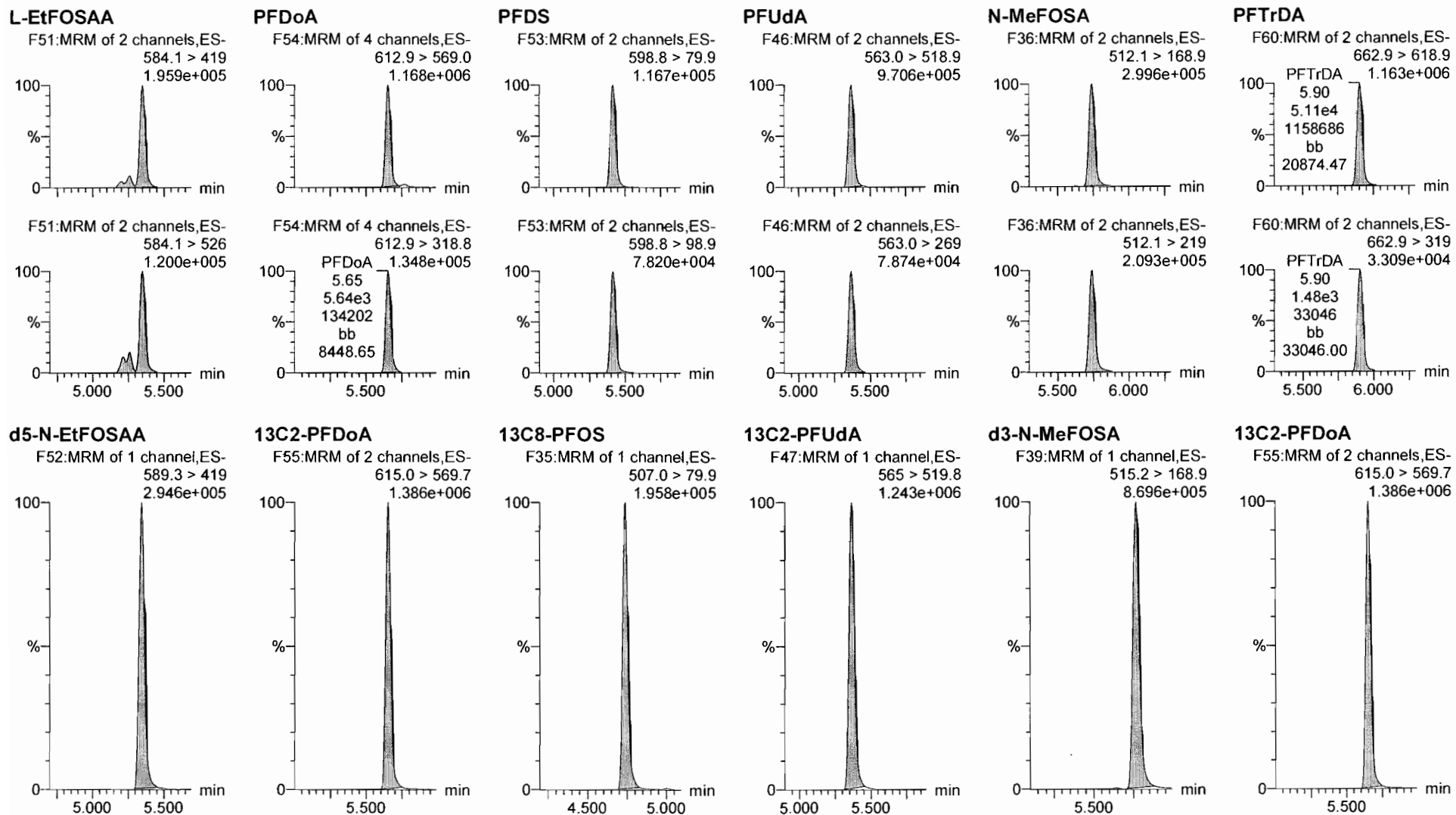


Dataset: F:\Projects\PFAS.PRO\Results\180826M1\180826M1-30.qld

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Name: 180826M1_30, Date: 26-Aug-2018, Time: 19:20:23, ID: ST180826M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

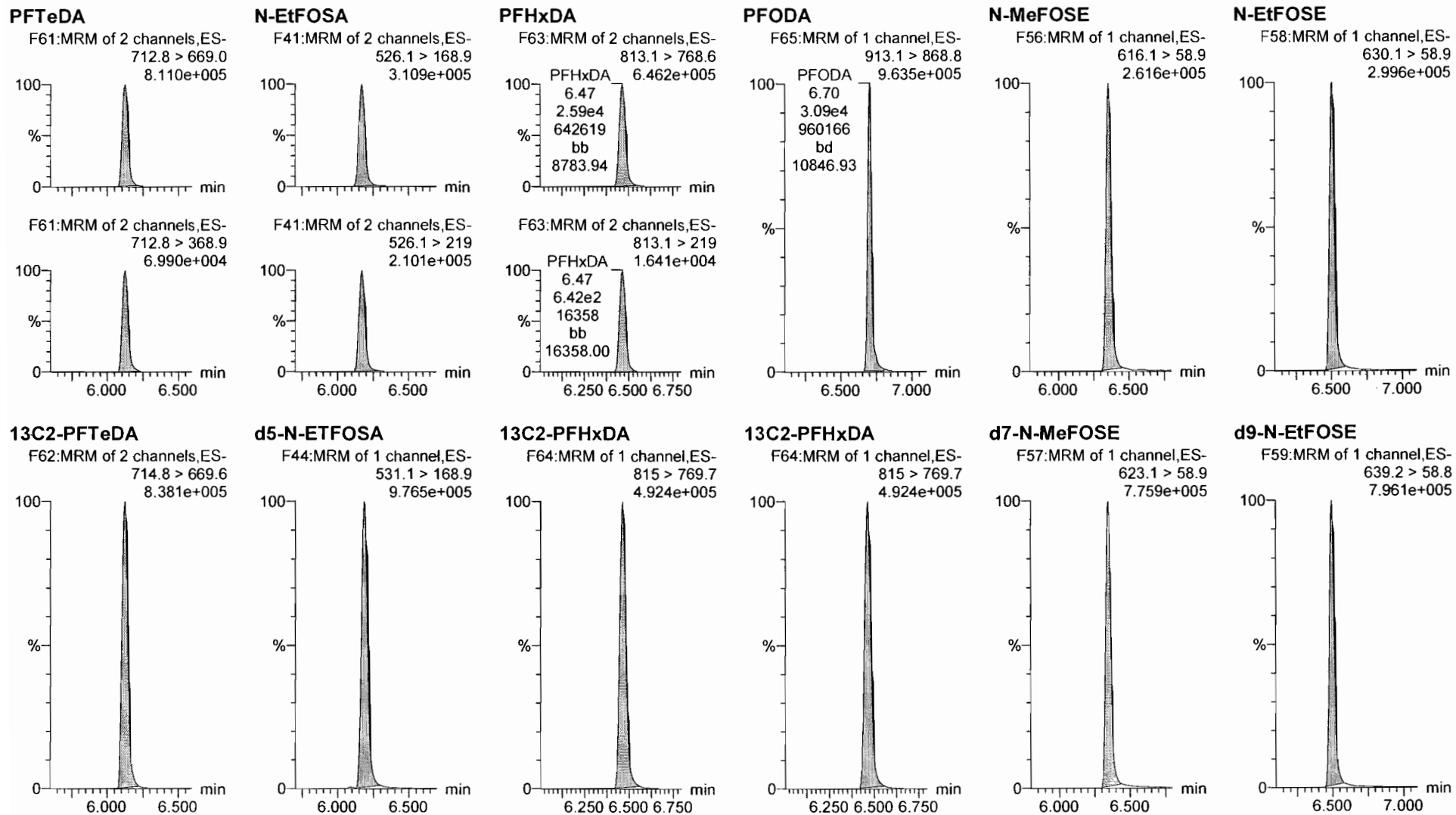


Dataset: F:\Projects\PFAS.PRO\Results\180826M1\180826M1-30.qld

Last Altered: Monday, August 27, 2018 11:47:17 Pacific Daylight Time

Printed: Monday, August 27, 2018 11:48:00 Pacific Daylight Time

Name: 180826M1_30, Date: 26-Aug-2018, Time: 19:20:23, ID: ST180826M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

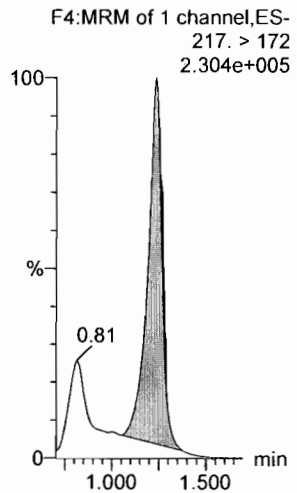


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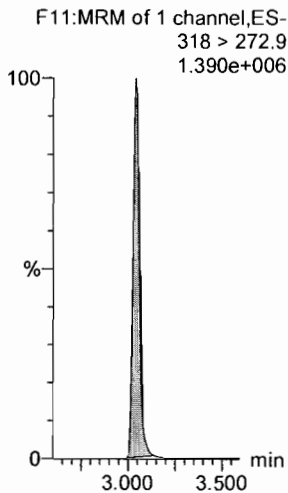
Last Altered: Monday, August 27, 2018 11:47:17 Pacific Daylight Time
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Name: 180826M1_30, Date: 26-Aug-2018, Time: 19:20:23, ID: ST180826M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

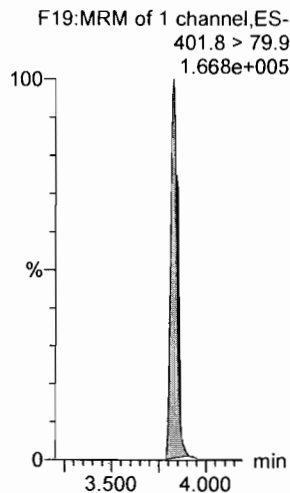
13C4-PFBA



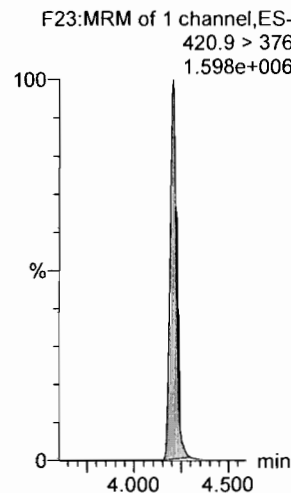
13C5-PFHxA



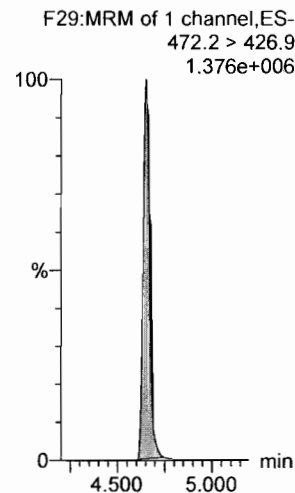
13C3-PFHxS



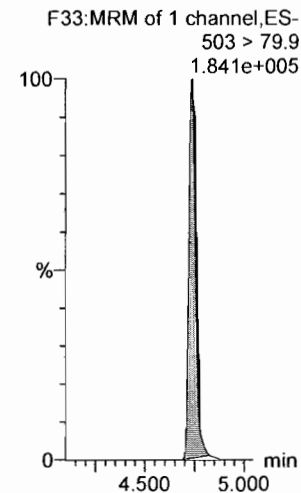
13C8-PFOA



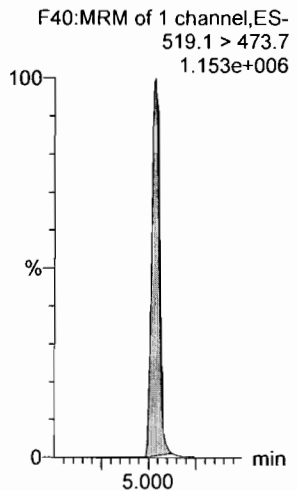
13C9-PFNA



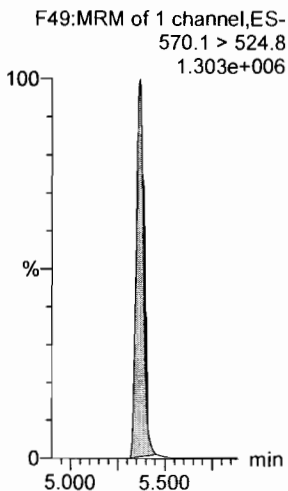
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-IIS AREAS.qld

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_RS-9-12-18.mdb 12 Sep 2018 17:11:33

Calibration: 14 Sep 2018 08:34:27

Name: 180913M1_2, Date: 13-Sep-2018, Time: 09:23:22, ID: ST180913M1-1 PFC CS0 18I0614, Description: PFC CS0 18I0614

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180913M1-1 PFC CS0 18I0614	1.61e4	100.0	NO
2	2 13C5-PFHxA	ST180913M1-1 PFC CS0 18I0614	2.95e4	100.0	NO
3	3 13C3-PFHxS	ST180913M1-1 PFC CS0 18I0614	3.62e3	100.0	NO
4	4 13C8-PFOA	ST180913M1-1 PFC CS0 18I0614	3.60e4	100.0	NO
5	5 13C9-PFNA	ST180913M1-1 PFC CS0 18I0614	2.79e4	100.0	NO
6	6 13C4-PFOS	ST180913M1-1 PFC CS0 18I0614	3.64e3	100.0	NO
7	7 13C6-PFDA	ST180913M1-1 PFC CS0 18I0614	2.64e4	100.0	NO
8	8 13C7-PFUDa	ST180913M1-1 PFC CS0 18I0614	3.12e4	100.0	NO

Name: 180913M1_3, Date: 13-Sep-2018, Time: 09:34:01, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 180913M1_4, Date: 13-Sep-2018, Time: 09:44:37, ID: 1802791-11 OF-RW02-MID01-0818 0.24788, Description: OF-RW02-MID01-0818

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802791-11 OF-RW02-MID01-0818 0.2...	9.42e3	58.5	NO
2	2 13C5-PFHxA	1802791-11 OF-RW02-MID01-0818 0.2...	1.71e4	58.0	NO
3	3 13C3-PFHxS	1802791-11 OF-RW02-MID01-0818 0.2...	4.27e3	117.9	NO
4	4 13C8-PFOA	1802791-11 OF-RW02-MID01-0818 0.2...	2.26e4	62.6	NO
5	5 13C9-PFNA	1802791-11 OF-RW02-MID01-0818 0.2...	1.68e4	60.3	NO
6	6 13C4-PFOS	1802791-11 OF-RW02-MID01-0818 0.2...	4.62e3	126.9	NO
7	7 13C6-PFDA	1802791-11 OF-RW02-MID01-0818 0.2...	1.97e4	74.5	NO
8	8 13C7-PFUDa	1802791-11 OF-RW02-MID01-0818 0.2...	2.72e4	87.0	NO

Name: 180913M1_5, Date: 13-Sep-2018, Time: 09:55:14, ID: 1802490-05@10X GW1808151305JAY 0.22934, Description: GW1808151305JAY

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802490-05@10X GW1808151305JAY ...	1.96e3	12.2	YES
2	2 13C5-PFHxA	1802490-05@10X GW1808151305JAY ...	3.93e3	13.3	YES
3	3 13C3-PFHxS	1802490-05@10X GW1808151305JAY ...	6.10e2	16.9	YES
4	4 13C8-PFOA	1802490-05@10X GW1808151305JAY ...	5.01e3	13.9	YES
5	5 13C9-PFNA	1802490-05@10X GW1808151305JAY ...	3.76e3	13.5	YES
6	6 13C4-PFOS	1802490-05@10X GW1808151305JAY ...	5.83e2	16.0	YES
7	7 13C6-PFDA	1802490-05@10X GW1808151305JAY ...	4.47e3	16.9	YES

Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-IIS AREAS.qld

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Name: 180913M1_5, Date: 13-Sep-2018, Time: 09:55:14, ID: 1802490-05@10X GW1808151305JAY 0.22934,
Description: GW1808151305JAY

#	Name	ID	Area	%Rec	Area Out
8	13C7-PFUDa	1802490-05@10X GW1808151305JAY ...	4.91e3	15.7	YES

Name: 180913M1_6, Date: 13-Sep-2018, Time: 10:05:52, ID: 1802490-07@10X GW1808141455JAY 0.23367,
Description: GW1808141455JAY

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802490-07@10X GW1808141455JAY ...	1.69e3	10.5	YES
2	13C5-PFHxA	1802490-07@10X GW1808141455JAY ...	3.15e3	10.6	YES
3	13C3-PFHxS	1802490-07@10X GW1808141455JAY ...	4.98e2	13.7	YES
4	13C8-PFOA	1802490-07@10X GW1808141455JAY ...	4.07e3	11.3	YES
5	13C9-PFNA	1802490-07@10X GW1808141455JAY ...	3.12e3	11.2	YES
6	13C4-PFOS	1802490-07@10X GW1808141455JAY ...	5.09e2	14.0	YES
7	13C6-PFDA	1802490-07@10X GW1808141455JAY ...	3.26e3	12.3	YES
8	13C7-PFUDa	1802490-07@10X GW1808141455JAY ...	3.88e3	12.4	YES

Name: 180913M1_7, Date: 13-Sep-2018, Time: 10:16:25, ID: 1802094-07@5X SA-MW128I-20180726 0.253,
Description: SA-MW128I-20180726

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802094-07@5X SA-MW128I-20180726...	3.40e3	21.1	YES
2	13C5-PFHxA	1802094-07@5X SA-MW128I-20180726...	6.60e3	22.3	YES
3	13C3-PFHxS	1802094-07@5X SA-MW128I-20180726...	7.92e2	21.9	YES
4	13C8-PFOA	1802094-07@5X SA-MW128I-20180726...	8.30e3	23.0	YES
5	13C9-PFNA	1802094-07@5X SA-MW128I-20180726...	5.82e3	20.8	YES
6	13C4-PFOS	1802094-07@5X SA-MW128I-20180726...	9.44e2	26.0	YES
7	13C6-PFDA	1802094-07@5X SA-MW128I-20180726...	6.64e3	25.1	YES
8	13C7-PFUDa	1802094-07@5X SA-MW128I-20180726...	7.91e3	25.3	YES

Name: 180913M1_8, Date: 13-Sep-2018, Time: 10:27:03, ID: B8I0038-MSD1 Matrix Spike Dup 0.11034,
Description: Matrix Spike Dup

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	B8I0038-MSD1 Matrix Spike Dup 0.11034	1.21e4	75.1	NO
2	13C5-PFHxA	B8I0038-MSD1 Matrix Spike Dup 0.11034	2.35e4	79.4	NO
3	13C3-PFHxS	B8I0038-MSD1 Matrix Spike Dup 0.11034	2.77e3	76.6	NO
4	13C8-PFOA	B8I0038-MSD1 Matrix Spike Dup 0.11034	3.21e4	89.1	NO
5	13C9-PFNA	B8I0038-MSD1 Matrix Spike Dup 0.11034	2.55e4	91.3	NO
6	13C4-PFOS	B8I0038-MSD1 Matrix Spike Dup 0.11034	3.41e3	93.7	NO
7	13C6-PFDA	B8I0038-MSD1 Matrix Spike Dup 0.11034	2.95e4	111.7	NO
8	13C7-PFUDa	B8I0038-MSD1 Matrix Spike Dup 0.11034	3.27e4	104.8	NO

Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-IIS AREAS.qld

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Name: 180913M1_9, Date: 13-Sep-2018, Time: 10:37:36, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 180913M1_10, Date: 13-Sep-2018, Time: 10:48:14, ID: 1802847-07 GALP05818 0.10518, Description: GALP05818

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802847-07 GALP05818 0.10518	1.37e4	85.1	NO
2	2 13C5-PFHxA	1802847-07 GALP05818 0.10518	2.46e4	83.4	NO
3	3 13C3-PFHxS	1802847-07 GALP05818 0.10518	2.42e3	66.7	NO
4	4 13C8-PFOA	1802847-07 GALP05818 0.10518	3.16e4	87.8	NO
5	5 13C9-PFNA	1802847-07 GALP05818 0.10518	2.64e4	94.8	NO
6	6 13C4-PFOS	1802847-07 GALP05818 0.10518	3.47e3	95.4	NO
7	7 13C6-PFDA	1802847-07 GALP05818 0.10518	2.74e4	103.8	NO
8	8 13C7-PFUdA	1802847-07 GALP05818 0.10518	3.09e4	99.0	NO

Name: 180913M1_11, Date: 13-Sep-2018, Time: 10:58:46, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA	5.32e0	0.0	YES

Name: 180913M1_12, Date: 13-Sep-2018, Time: 11:09:25, ID: 1802847-08 GALP04809 0.1082, Description: GALP04809

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802847-08 GALP04809 0.1082	1.45e4	90.1	NO
2	2 13C5-PFHxA	1802847-08 GALP04809 0.1082	2.77e4	93.7	NO
3	3 13C3-PFHxS	1802847-08 GALP04809 0.1082	3.27e3	90.1	NO
4	4 13C8-PFOA	1802847-08 GALP04809 0.1082	3.63e4	100.7	NO
5	5 13C9-PFNA	1802847-08 GALP04809 0.1082	2.66e4	95.2	NO
6	6 13C4-PFOS	1802847-08 GALP04809 0.1082	3.51e3	96.5	NO
7	7 13C6-PFDA	1802847-08 GALP04809 0.1082	2.85e4	108.0	NO
8	8 13C7-PFUdA	1802847-08 GALP04809 0.1082	3.34e4	107.0	NO

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Name: 180913M1_13, Date: 13-Sep-2018, Time: 11:19:57, ID: 1802847-12 GALP04829 0.11315, Description: GALP04829

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802847-12 GALP04829 0.11315	1.28e4	79.7	NO
2	2 13C5-PFHxA	1802847-12 GALP04829 0.11315	1.55e4	52.4	NO
3	3 13C3-PFHxS	1802847-12 GALP04829 0.11315	9.27e2	25.6	YES
4	4 13C8-PFOA	1802847-12 GALP04829 0.11315	1.94e4	53.8	NO
5	5 13C9-PFNA	1802847-12 GALP04829 0.11315	1.79e4	64.2	NO
6	6 13C4-PFOS	1802847-12 GALP04829 0.11315	1.02e3	28.1	YES
7	7 13C6-PFDA	1802847-12 GALP04829 0.11315	3.02e4	114.4	NO
8	8 13C7-PFUdA	1802847-12 GALP04829 0.11315	3.45e4	110.5	NO

Name: 180913M1_14, Date: 13-Sep-2018, Time: 11:30:36, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 180913M1_15, Date: 13-Sep-2018, Time: 11:41:10, ID: 1802847-13 GALP05810 0.10975, Description: GALP05810

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802847-13 GALP05810 0.10975	1.45e4	90.0	NO
2	2 13C5-PFHxA	1802847-13 GALP05810 0.10975	2.74e4	92.8	NO
3	3 13C3-PFHxS	1802847-13 GALP05810 0.10975	3.09e3	85.2	NO
4	4 13C8-PFOA	1802847-13 GALP05810 0.10975	3.21e4	89.1	NO
5	5 13C9-PFNA	1802847-13 GALP05810 0.10975	2.75e4	98.5	NO
6	6 13C4-PFOS	1802847-13 GALP05810 0.10975	3.52e3	96.9	NO
7	7 13C6-PFDA	1802847-13 GALP05810 0.10975	3.08e4	116.6	NO
8	8 13C7-PFUdA	1802847-13 GALP05810 0.10975	3.59e4	115.1	NO

Name: 180913M1_16, Date: 13-Sep-2018, Time: 11:51:48, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-IIS AREAS.qld

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Name: 180913M1_17, Date: 13-Sep-2018, Time: 12:02:20, ID: B8I0038-MS1@5X Matrix Spike 0.10997, Description: Matrix Spike

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8I0038-MS1@5X Matrix Spike 0.10997	2.34e3	14.5	YES
2	2 13C5-PFHxA	B8I0038-MS1@5X Matrix Spike 0.10997	4.61e3	15.6	YES
3	3 13C3-PFHxS	B8I0038-MS1@5X Matrix Spike 0.10997	6.15e2	17.0	YES
4	4 13C8-PFOA	B8I0038-MS1@5X Matrix Spike 0.10997	6.25e3	17.4	YES
5	5 13C9-PFNA	B8I0038-MS1@5X Matrix Spike 0.10997	4.37e3	15.6	YES
6	6 13C4-PFOS	B8I0038-MS1@5X Matrix Spike 0.10997	6.39e2	17.6	YES
7	7 13C6-PFDA	B8I0038-MS1@5X Matrix Spike 0.10997	4.81e3	18.2	YES
8	8 13C7-PFUDa	B8I0038-MS1@5X Matrix Spike 0.10997	5.57e3	17.8	YES

Name: 180913M1_18, Date: 13-Sep-2018, Time: 12:12:58, ID: B8I0038-MSD1@5X Matrix Spike Dup 0.11034, Description: Matrix Spike Dup

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8I0038-MSD1@5X Matrix Spike Dup 0...	2.32e3	14.4	YES
2	2 13C5-PFHxA	B8I0038-MSD1@5X Matrix Spike Dup 0...	4.72e3	16.0	YES
3	3 13C3-PFHxS	B8I0038-MSD1@5X Matrix Spike Dup 0...	6.75e2	18.6	YES
4	4 13C8-PFOA	B8I0038-MSD1@5X Matrix Spike Dup 0...	6.56e3	18.2	YES
5	5 13C9-PFNA	B8I0038-MSD1@5X Matrix Spike Dup 0...	5.15e3	18.4	YES
6	6 13C4-PFOS	B8I0038-MSD1@5X Matrix Spike Dup 0...	6.43e2	17.7	YES
7	7 13C6-PFDA	B8I0038-MSD1@5X Matrix Spike Dup 0...	5.34e3	20.2	YES
8	8 13C7-PFUDa	B8I0038-MSD1@5X Matrix Spike Dup 0...	6.49e3	20.8	YES

Name: 180913M1_19, Date: 13-Sep-2018, Time: 12:23:31, ID: 1802847-01@5X GALP04807 0.11545, Description: GALP04807

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802847-01@5X GALP04807 0.11545	2.16e3	13.4	YES
2	2 13C5-PFHxA	1802847-01@5X GALP04807 0.11545	4.53e3	15.3	YES
3	3 13C3-PFHxS	1802847-01@5X GALP04807 0.11545	5.71e2	15.8	YES
4	4 13C8-PFOA	1802847-01@5X GALP04807 0.11545	5.96e3	16.6	YES
5	5 13C9-PFNA	1802847-01@5X GALP04807 0.11545	4.48e3	16.0	YES
6	6 13C4-PFOS	1802847-01@5X GALP04807 0.11545	6.63e2	18.2	YES
7	7 13C6-PFDA	1802847-01@5X GALP04807 0.11545	4.67e3	17.7	YES
8	8 13C7-PFUDa	1802847-01@5X GALP04807 0.11545	5.78e3	18.5	YES

Name: 180913M1_20, Date: 13-Sep-2018, Time: 12:34:09, ID: 1802847-02@5X GALP05819 0.1076, Description: GALP05819

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802847-02@5X GALP05819 0.1076	2.36e3	14.6	YES
2	2 13C5-PFHxA	1802847-02@5X GALP05819 0.1076	4.48e3	15.2	YES
3	3 13C3-PFHxS	1802847-02@5X GALP05819 0.1076	5.68e2	15.7	YES
4	4 13C8-PFOA	1802847-02@5X GALP05819 0.1076	5.73e3	15.9	YES
5	5 13C9-PFNA	1802847-02@5X GALP05819 0.1076	4.28e3	15.3	YES
6	6 13C4-PFOS	1802847-02@5X GALP05819 0.1076	6.56e2	18.0	YES
7	7 13C6-PFDA	1802847-02@5X GALP05819 0.1076	4.69e3	17.8	YES
8	8 13C7-PFUDa	1802847-02@5X GALP05819 0.1076	5.14e3	16.5	YES

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Name: 180913M1_21, Date: 13-Sep-2018, Time: 12:44:41, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 180913M1_22, Date: 13-Sep-2018, Time: 12:55:20, ID: ST180913M1-2 PFC CS3 1810617, Description: PFC CS3 1810617

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180913M1-2 PFC CS3 1810617	1.78e4	110.5	NO
2	2 13C5-PFHxA	ST180913M1-2 PFC CS3 1810617	3.76e4	127.2	NO
3	3 13C3-PFHxS	ST180913M1-2 PFC CS3 1810617	4.52e3	124.8	NO
4	4 13C8-PFOA	ST180913M1-2 PFC CS3 1810617	4.79e4	132.9	NO
5	5 13C9-PFNA	ST180913M1-2 PFC CS3 1810617	3.39e4	121.6	NO
6	6 13C4-PFOS	ST180913M1-2 PFC CS3 1810617	4.71e3	129.6	NO
7	7 13C6-PFDA	ST180913M1-2 PFC CS3 1810617	3.65e4	138.2	NO
8	8 13C7-PFUdA	ST180913M1-2 PFC CS3 1810617	4.03e4	129.2	NO

Name: 180913M1_23, Date: 13-Sep-2018, Time: 13:05:58, ID: 1802847-07@5X GALP05818 0.10518, Description: GALP05818

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802847-07@5X GALP05818 0.10518	2.93e3	18.2	YES
2	2 13C5-PFHxA	1802847-07@5X GALP05818 0.10518	5.47e3	18.5	YES
3	3 13C3-PFHxS	1802847-07@5X GALP05818 0.10518	5.91e2	16.3	YES
4	4 13C8-PFOA	1802847-07@5X GALP05818 0.10518	6.66e3	18.5	YES
5	5 13C9-PFNA	1802847-07@5X GALP05818 0.10518	4.81e3	17.3	YES
6	6 13C4-PFOS	1802847-07@5X GALP05818 0.10518	5.99e2	16.5	YES
7	7 13C6-PFDA	1802847-07@5X GALP05818 0.10518	5.41e3	20.5	YES
8	8 13C7-PFUdA	1802847-07@5X GALP05818 0.10518	6.45e3	20.6	YES

Name: 180913M1_24, Date: 13-Sep-2018, Time: 13:16:31, ID: 1802847-11@30X GALP04806 0.11639, Description: GALP04806

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802847-11@30X GALP04806 0.11639	3.66e2	2.3	YES
2	2 13C5-PFHxA	1802847-11@30X GALP04806 0.11639	6.44e2	2.2	YES
3	3 13C3-PFHxS	1802847-11@30X GALP04806 0.11639	6.49e1	1.8	YES
4	4 13C8-PFOA	1802847-11@30X GALP04806 0.11639	8.24e2	2.3	YES
5	5 13C9-PFNA	1802847-11@30X GALP04806 0.11639	6.00e2	2.2	YES
6	6 13C4-PFOS	1802847-11@30X GALP04806 0.11639	7.74e1	2.1	YES
7	7 13C6-PFDA	1802847-11@30X GALP04806 0.11639	6.57e2	2.5	YES
8	8 13C7-PFUdA	1802847-11@30X GALP04806 0.11639	8.91e2	2.9	YES

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Name: 180913M1_25, Date: 13-Sep-2018, Time: 13:27:10, ID: 1802847-12@30X GALP04829 0.11315, Description: GALP04829

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802847-12@30X GALP04829 0.11315	4.88e2	3.0	YES
2	2 13C5-PFHxA	1802847-12@30X GALP04829 0.11315	9.19e2	3.1	YES
3	3 13C3-PFHxS	1802847-12@30X GALP04829 0.11315	1.01e2	2.8	YES
4	4 13C8-PFOA	1802847-12@30X GALP04829 0.11315	1.24e3	3.4	YES
5	5 13C9-PFNA	1802847-12@30X GALP04829 0.11315	9.59e2	3.4	YES
6	6 13C4-PFOS	1802847-12@30X GALP04829 0.11315	8.92e1	2.5	YES
7	7 13C6-PFDA	1802847-12@30X GALP04829 0.11315	1.11e3	4.2	YES
8	8 13C7-PFUdA	1802847-12@30X GALP04829 0.11315	1.18e3	3.8	YES

Name: 180913M1_26, Date: 13-Sep-2018, Time: 13:37:42, ID: 1802847-13@5X GALP05810 0.10975, Description: GALP05810

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802847-13@5X GALP05810 0.10975	2.63e3	16.3	YES
2	2 13C5-PFHxA	1802847-13@5X GALP05810 0.10975	5.30e3	18.0	YES
3	3 13C3-PFHxS	1802847-13@5X GALP05810 0.10975	6.34e2	17.5	YES
4	4 13C8-PFOA	1802847-13@5X GALP05810 0.10975	6.71e3	18.6	YES
5	5 13C9-PFNA	1802847-13@5X GALP05810 0.10975	4.82e3	17.3	YES
6	6 13C4-PFOS	1802847-13@5X GALP05810 0.10975	6.65e2	18.3	YES
7	7 13C6-PFDA	1802847-13@5X GALP05810 0.10975	5.38e3	20.4	YES
8	8 13C7-PFUdA	1802847-13@5X GALP05810 0.10975	6.15e3	19.7	YES

Name: 180913M1_27, Date: 13-Sep-2018, Time: 13:48:20, ID: 1802847-14 GALPAB833 0.11288, Description: GALPAB833

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802847-14 GALPAB833 0.11288	1.43e4	88.5	NO
2	2 13C5-PFHxA	1802847-14 GALPAB833 0.11288	2.98e4	100.9	NO
3	3 13C3-PFHxS	1802847-14 GALPAB833 0.11288	3.76e3	103.7	NO
4	4 13C8-PFOA	1802847-14 GALPAB833 0.11288	3.81e4	105.8	NO
5	5 13C9-PFNA	1802847-14 GALPAB833 0.11288	2.77e4	99.3	NO
6	6 13C4-PFOS	1802847-14 GALPAB833 0.11288	3.98e3	109.5	NO
7	7 13C6-PFDA	1802847-14 GALPAB833 0.11288	2.92e4	110.6	NO
8	8 13C7-PFUdA	1802847-14 GALPAB833 0.11288	3.43e4	109.8	NO

Name: 180913M1_28, Date: 13-Sep-2018, Time: 13:58:54, ID: B8I0009-BS1 OPR 0.25, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8I0009-BS1 OPR 0.25	1.80e4	111.8	NO
2	2 13C5-PFHxA	B8I0009-BS1 OPR 0.25	3.15e4	106.6	NO
3	3 13C3-PFHxS	B8I0009-BS1 OPR 0.25	4.40e3	121.5	NO
4	4 13C8-PFOA	B8I0009-BS1 OPR 0.25	3.52e4	97.6	NO
5	5 13C9-PFNA	B8I0009-BS1 OPR 0.25	2.49e4	89.1	NO
6	6 13C4-PFOS	B8I0009-BS1 OPR 0.25	4.51e3	123.9	NO
7	7 13C6-PFDA	B8I0009-BS1 OPR 0.25	2.68e4	101.6	NO
8	8 13C7-PFUdA	B8I0009-BS1 OPR 0.25	3.22e4	103.3	NO

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Name: 180913M1_29, Date: 13-Sep-2018, Time: 14:09:32, ID: B8I0009-BSD1 LCSD 0.25, Description: LCSD

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8I0009-BSD1 LCSD 0.25	1.68e4	104.1	NO
2	2 13C5-PFHxA	B8I0009-BSD1 LCSD 0.25	2.80e4	94.9	NO
3	3 13C3-PFHxS	B8I0009-BSD1 LCSD 0.25	4.13e3	113.9	NO
4	4 13C8-PFOA	B8I0009-BSD1 LCSD 0.25	3.51e4	97.4	NO
5	5 13C9-PFNA	B8I0009-BSD1 LCSD 0.25	2.53e4	90.8	NO
6	6 13C4-PFOS	B8I0009-BSD1 LCSD 0.25	4.22e3	116.0	NO
7	7 13C6-PFDA	B8I0009-BSD1 LCSD 0.25	2.69e4	102.0	NO
8	8 13C7-PFUDa	B8I0009-BSD1 LCSD 0.25	3.36e4	107.5	NO

Name: 180913M1_30, Date: 13-Sep-2018, Time: 14:20:04, ID: B8I0009-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8I0009-BLK1 Method Blank 0.25	2.04e4	126.4	NO
2	2 13C5-PFHxA	B8I0009-BLK1 Method Blank 0.25	3.49e4	118.2	NO
3	3 13C3-PFHxS	B8I0009-BLK1 Method Blank 0.25	4.65e3	128.3	NO
4	4 13C8-PFOA	B8I0009-BLK1 Method Blank 0.25	4.26e4	118.2	NO
5	5 13C9-PFNA	B8I0009-BLK1 Method Blank 0.25	2.98e4	106.9	NO
6	6 13C4-PFOS	B8I0009-BLK1 Method Blank 0.25	4.94e3	135.8	NO
7	7 13C6-PFDA	B8I0009-BLK1 Method Blank 0.25	3.32e4	125.8	NO
8	8 13C7-PFUDa	B8I0009-BLK1 Method Blank 0.25	3.99e4	127.7	NO

Name: 180913M1_31, Date: 13-Sep-2018, Time: 14:30:42, ID: 1802794-01 OF-RW42B-MID01-0818 0.24609, Description: OF-RW42B-MID01-0818

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802794-01 OF-RW42B-MID01-0818 0....	1.90e4	117.8	NO
2	2 13C5-PFHxA	1802794-01 OF-RW42B-MID01-0818 0....	3.61e4	122.2	NO
3	3 13C3-PFHxS	1802794-01 OF-RW42B-MID01-0818 0....	5.32e3	146.8	NO
4	4 13C8-PFOA	1802794-01 OF-RW42B-MID01-0818 0....	4.59e4	127.5	NO
5	5 13C9-PFNA	1802794-01 OF-RW42B-MID01-0818 0....	3.24e4	116.0	NO
6	6 13C4-PFOS	1802794-01 OF-RW42B-MID01-0818 0....	5.77e3	158.5	YES
7	7 13C6-PFDA	1802794-01 OF-RW42B-MID01-0818 0....	3.50e4	132.5	NO
8	8 13C7-PFUDa	1802794-01 OF-RW42B-MID01-0818 0....	4.20e4	134.4	NO

Name: 180913M1_32, Date: 13-Sep-2018, Time: 14:41:15, ID: 1802794-02 OF-RW42B-EFF01-0818 0.2571, Description: OF-RW42B-EFF01-0818

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802794-02 OF-RW42B-EFF01-0818 0....	3.24e3	20.1	YES
2	2 13C5-PFHxA	1802794-02 OF-RW42B-EFF01-0818 0....	1.28e4	43.3	YES
3	3 13C3-PFHxS	1802794-02 OF-RW42B-EFF01-0818 0....	3.90e3	107.7	NO
4	4 13C8-PFOA	1802794-02 OF-RW42B-EFF01-0818 0....	1.94e4	53.8	NO
5	5 13C9-PFNA	1802794-02 OF-RW42B-EFF01-0818 0....	1.61e4	57.7	NO
6	6 13C4-PFOS	1802794-02 OF-RW42B-EFF01-0818 0....	4.11e3	113.0	NO
7	7 13C6-PFDA	1802794-02 OF-RW42B-EFF01-0818 0....	1.90e4	72.0	NO
8	8 13C7-PFUDa	1802794-02 OF-RW42B-EFF01-0818 0....	2.52e4	80.7	NO

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Name: 180913M1_33, Date: 13-Sep-2018, Time: 14:51:53, ID: 1802794-03 OF-RW42B-FB01-0818 0.26091, Description: OF-RW42B-FB01-0818

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802794-03 OF-RW42B-FB01-0818 0.2...	1.82e4	113.2	NO
2	2 13C5-PFHxA	1802794-03 OF-RW42B-FB01-0818 0.2...	3.11e4	105.2	NO
3	3 13C3-PFHxS	1802794-03 OF-RW42B-FB01-0818 0.2...	4.14e3	114.4	NO
4	4 13C8-PFOA	1802794-03 OF-RW42B-FB01-0818 0.2...	3.47e4	96.2	NO
5	5 13C9-PFNA	1802794-03 OF-RW42B-FB01-0818 0.2...	2.40e4	85.8	NO
6	6 13C4-PFOS	1802794-03 OF-RW42B-FB01-0818 0.2...	4.01e3	110.3	NO
7	7 13C6-PFDA	1802794-03 OF-RW42B-FB01-0818 0.2...	2.54e4	96.1	NO
8	8 13C7-PFUDa	1802794-03 OF-RW42B-FB01-0818 0.2...	3.26e4	104.4	NO

Name: 180913M1_34, Date: 13-Sep-2018, Time: 15:02:25, ID: 1802794-04 OF-RW44-INF01-0818 0.25499, Description: OF-RW44-INF01-0818

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802794-04 OF-RW44-INF01-0818 0.2...	1.43e4	88.8	NO
2	2 13C5-PFHxA	1802794-04 OF-RW44-INF01-0818 0.2...	2.78e4	94.2	NO
3	3 13C3-PFHxS	1802794-04 OF-RW44-INF01-0818 0.2...	3.70e3	102.1	NO
4	4 13C8-PFOA	1802794-04 OF-RW44-INF01-0818 0.2...	3.32e4	92.0	NO
5	5 13C9-PFNA	1802794-04 OF-RW44-INF01-0818 0.2...	2.33e4	83.4	NO
6	6 13C4-PFOS	1802794-04 OF-RW44-INF01-0818 0.2...	3.56e3	98.0	NO
7	7 13C6-PFDA	1802794-04 OF-RW44-INF01-0818 0.2...	2.48e4	94.0	NO
8	8 13C7-PFUDa	1802794-04 OF-RW44-INF01-0818 0.2...	2.91e4	93.4	NO

Name: 180913M1_35, Date: 13-Sep-2018, Time: 15:13:04, ID: 1802794-05 OF-RW44-MID01-0818 0.26238, Description: OF-RW44-MID01-0818

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802794-05 OF-RW44-MID01-0818 0.2...	8.62e3	53.5	NO
2	2 13C5-PFHxA	1802794-05 OF-RW44-MID01-0818 0.2...	1.99e4	67.2	NO
3	3 13C3-PFHxS	1802794-05 OF-RW44-MID01-0818 0.2...	4.08e3	112.7	NO
4	4 13C8-PFOA	1802794-05 OF-RW44-MID01-0818 0.2...	2.84e4	78.9	NO
5	5 13C9-PFNA	1802794-05 OF-RW44-MID01-0818 0.2...	2.11e4	75.5	NO
6	6 13C4-PFOS	1802794-05 OF-RW44-MID01-0818 0.2...	4.21e3	115.9	NO
7	7 13C6-PFDA	1802794-05 OF-RW44-MID01-0818 0.2...	2.58e4	97.6	NO
8	8 13C7-PFUDa	1802794-05 OF-RW44-MID01-0818 0.2...	3.03e4	97.0	NO

Name: 180913M1_36, Date: 13-Sep-2018, Time: 15:23:34, ID: 1802794-06 OF-RW44-EFF01-0818 0.25803, Description: OF-RW44-EFF01-0818

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802794-06 OF-RW44-EFF01-0818 0.2...	2.94e3	18.3	YES
2	2 13C5-PFHxA	1802794-06 OF-RW44-EFF01-0818 0.2...	9.67e3	32.7	YES
3	3 13C3-PFHxS	1802794-06 OF-RW44-EFF01-0818 0.2...	3.70e3	102.3	NO
4	4 13C8-PFOA	1802794-06 OF-RW44-EFF01-0818 0.2...	1.62e4	45.0	YES
5	5 13C9-PFNA	1802794-06 OF-RW44-EFF01-0818 0.2...	1.26e4	45.1	YES
6	6 13C4-PFOS	1802794-06 OF-RW44-EFF01-0818 0.2...	3.94e3	108.2	NO
7	7 13C6-PFDA	1802794-06 OF-RW44-EFF01-0818 0.2...	1.61e4	61.0	NO
8	8 13C7-PFUDa	1802794-06 OF-RW44-EFF01-0818 0.2...	2.14e4	68.6	NO

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Name: 180913M1_37, Date: 13-Sep-2018, Time: 15:34:13, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 180913M1_38, Date: 13-Sep-2018, Time: 15:44:46, ID: ST180913M1-3 PFC CS3 1810617, Description: PFC CS3 1810617

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180913M1-3 PFC CS3 1810617	1.34e4	83.3	NO
2	2 13C5-PFHxA	ST180913M1-3 PFC CS3 1810617	3.17e4	107.3	NO
3	3 13C3-PFHxS	ST180913M1-3 PFC CS3 1810617	3.72e3	102.6	NO
4	4 13C8-PFOA	ST180913M1-3 PFC CS3 1810617	3.82e4	106.1	NO
5	5 13C9-PFNA	ST180913M1-3 PFC CS3 1810617	2.81e4	100.8	NO
6	6 13C4-PFOS	ST180913M1-3 PFC CS3 1810617	3.78e3	103.8	NO
7	7 13C6-PFDA	ST180913M1-3 PFC CS3 1810617	2.92e4	110.4	NO
8	8 13C7-PFUDa	ST180913M1-3 PFC CS3 1810617	3.53e4	113.1	NO

Name: 180913M1_39, Date: 13-Sep-2018, Time: 15:55:24, ID: 1802794-07 OF-RW44-FB01-0818 0.26043, Description: OF-RW44-FB01-0818

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802794-07 OF-RW44-FB01-0818 0.26...	1.85e4	114.7	NO
2	2 13C5-PFHxA	1802794-07 OF-RW44-FB01-0818 0.26...	3.27e4	110.6	NO
3	3 13C3-PFHxS	1802794-07 OF-RW44-FB01-0818 0.26...	4.32e3	119.2	NO
4	4 13C8-PFOA	1802794-07 OF-RW44-FB01-0818 0.26...	3.93e4	109.0	NO
5	5 13C9-PFNA	1802794-07 OF-RW44-FB01-0818 0.26...	2.76e4	98.9	NO
6	6 13C4-PFOS	1802794-07 OF-RW44-FB01-0818 0.26...	4.32e3	118.7	NO
7	7 13C6-PFDA	1802794-07 OF-RW44-FB01-0818 0.26...	2.98e4	112.9	NO
8	8 13C7-PFUDa	1802794-07 OF-RW44-FB01-0818 0.26...	3.63e4	116.3	NO

Name: 180913M1_40, Date: 13-Sep-2018, Time: 16:05:57, ID: 1802794-08 OF-RW63-INF01-0818 0.25974, Description: OF-RW63-INF01-0818

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802794-08 OF-RW63-INF01-0818 0.2...	9.08e3	56.4	NO
2	2 13C5-PFHxA	1802794-08 OF-RW63-INF01-0818 0.2...	1.63e4	55.3	NO
3	3 13C3-PFHxS	1802794-08 OF-RW63-INF01-0818 0.2...	4.33e3	119.6	NO
4	4 13C8-PFOA	1802794-08 OF-RW63-INF01-0818 0.2...	2.10e4	58.3	NO
5	5 13C9-PFNA	1802794-08 OF-RW63-INF01-0818 0.2...	1.52e4	54.3	NO
6	6 13C4-PFOS	1802794-08 OF-RW63-INF01-0818 0.2...	4.70e3	129.2	NO
7	7 13C6-PFDA	1802794-08 OF-RW63-INF01-0818 0.2...	1.89e4	71.5	NO
8	8 13C7-PFUDa	1802794-08 OF-RW63-INF01-0818 0.2...	2.36e4	75.5	NO

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Name: 180913M1_41, Date: 13-Sep-2018, Time: 16:16:36, ID: 1802794-09 OF-RW63-MID01-0818 0.2578, Description: OF-RW63-MID01-0818

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802794-09 OF-RW63-MID01-0818 0.2...	4.33e3	26.9	YES
2	2 13C5-PFHxA	1802794-09 OF-RW63-MID01-0818 0.2...	5.49e3	18.6	YES
3	3 13C3-PFHxS	1802794-09 OF-RW63-MID01-0818 0.2...	4.10e3	113.1	NO
4	4 13C8-PFOA	1802794-09 OF-RW63-MID01-0818 0.2...	1.02e4	28.3	YES
5	5 13C9-PFNA	1802794-09 OF-RW63-MID01-0818 0.2...	8.63e3	30.9	YES
6	6 13C4-PFOS	1802794-09 OF-RW63-MID01-0818 0.2...	4.17e3	114.7	NO
7	7 13C6-PFDA	1802794-09 OF-RW63-MID01-0818 0.2...	1.16e4	44.1	YES
8	8 13C7-PFUDa	1802794-09 OF-RW63-MID01-0818 0.2...	1.67e4	53.6	NO

Name: 180913M1_42, Date: 13-Sep-2018, Time: 16:27:09, ID: 1802794-10 OF-RW63-EFF01-0818 0.25886, Description: OF-RW63-EFF01-0818

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802794-10 OF-RW63-EFF01-0818 0.2...	1.14e4	70.8	NO
2	2 13C5-PFHxA	1802794-10 OF-RW63-EFF01-0818 0.2...	2.11e4	71.5	NO
3	3 13C3-PFHxS	1802794-10 OF-RW63-EFF01-0818 0.2...	4.43e3	122.3	NO
4	4 13C8-PFOA	1802794-10 OF-RW63-EFF01-0818 0.2...	2.67e4	74.2	NO
5	5 13C9-PFNA	1802794-10 OF-RW63-EFF01-0818 0.2...	1.95e4	69.8	NO
6	6 13C4-PFOS	1802794-10 OF-RW63-EFF01-0818 0.2...	4.50e3	123.8	NO
7	7 13C6-PFDA	1802794-10 OF-RW63-EFF01-0818 0.2...	2.30e4	87.1	NO
8	8 13C7-PFUDa	1802794-10 OF-RW63-EFF01-0818 0.2...	2.77e4	88.7	NO

Name: 180913M1_43, Date: 13-Sep-2018, Time: 16:37:48, ID: 1802794-11 OF-RW63-FB01-0818 0.26142, Description: OF-RW63-FB01-0818

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802794-11 OF-RW63-FB01-0818 0.26...	1.91e4	118.7	NO
2	2 13C5-PFHxA	1802794-11 OF-RW63-FB01-0818 0.26...	3.61e4	122.3	NO
3	3 13C3-PFHxS	1802794-11 OF-RW63-FB01-0818 0.26...	4.38e3	120.8	NO
4	4 13C8-PFOA	1802794-11 OF-RW63-FB01-0818 0.26...	4.24e4	117.6	NO
5	5 13C9-PFNA	1802794-11 OF-RW63-FB01-0818 0.26...	2.98e4	106.8	NO
6	6 13C4-PFOS	1802794-11 OF-RW63-FB01-0818 0.26...	4.39e3	120.8	NO
7	7 13C6-PFDA	1802794-11 OF-RW63-FB01-0818 0.26...	3.25e4	123.2	NO
8	8 13C7-PFUDa	1802794-11 OF-RW63-FB01-0818 0.26...	3.64e4	116.6	NO

Name: 180913M1_44, Date: 13-Sep-2018, Time: 16:48:21, ID: 1802794-12 OF-RW02-MID01P-0818 0.26822, Description: OF-RW02-MID01P-0818

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802794-12 OF-RW02-MID01P-0818 0...	1.26e4	78.5	NO
2	2 13C5-PFHxA	1802794-12 OF-RW02-MID01P-0818 0...	1.83e4	62.0	NO
3	3 13C3-PFHxS	1802794-12 OF-RW02-MID01P-0818 0...	3.93e3	108.6	NO
4	4 13C8-PFOA	1802794-12 OF-RW02-MID01P-0818 0...	2.17e4	60.1	NO
5	5 13C9-PFNA	1802794-12 OF-RW02-MID01P-0818 0...	1.61e4	57.6	NO
6	6 13C4-PFOS	1802794-12 OF-RW02-MID01P-0818 0...	3.96e3	108.8	NO
7	7 13C6-PFDA	1802794-12 OF-RW02-MID01P-0818 0...	1.90e4	72.1	NO
8	8 13C7-PFUDa	1802794-12 OF-RW02-MID01P-0818 0...	2.49e4	79.9	NO

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Name: 180913M1_45, Date: 13-Sep-2018, Time: 16:59:00, ID: B8H0242-BS1 OPR 0.125, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0242-BS1 OPR 0.125	1.50e4	93.2	NO
2	2 13C5-PFHxA	B8H0242-BS1 OPR 0.125	2.44e4	82.7	NO
3	3 13C3-PFHxS	B8H0242-BS1 OPR 0.125	3.57e3	98.7	NO
4	4 13C8-PFOA	B8H0242-BS1 OPR 0.125	2.60e4	72.2	NO
5	5 13C9-PFNA	B8H0242-BS1 OPR 0.125	1.75e4	62.7	NO
6	6 13C4-PFOS	B8H0242-BS1 OPR 0.125	2.76e3	76.0	NO
7	7 13C6-PFDA	B8H0242-BS1 OPR 0.125	1.55e4	58.5	NO
8	8 13C7-PFUDa	B8H0242-BS1 OPR 0.125	7.85e3	25.1	YES

Name: 180913M1_46, Date: 13-Sep-2018, Time: 17:09:38, ID: B8H0242-BLK1 Method Blank 0.125, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0242-BLK1 Method Blank 0.125	1.52e4	94.1	NO
2	2 13C5-PFHxA	B8H0242-BLK1 Method Blank 0.125	2.53e4	85.5	NO
3	3 13C3-PFHxS	B8H0242-BLK1 Method Blank 0.125	3.50e3	96.7	NO
4	4 13C8-PFOA	B8H0242-BLK1 Method Blank 0.125	2.65e4	73.5	NO
5	5 13C9-PFNA	B8H0242-BLK1 Method Blank 0.125	1.70e4	61.0	NO
6	6 13C4-PFOS	B8H0242-BLK1 Method Blank 0.125	2.93e3	80.7	NO
7	7 13C6-PFDA	B8H0242-BLK1 Method Blank 0.125	1.56e4	58.9	NO
8	8 13C7-PFUDa	B8H0242-BLK1 Method Blank 0.125	1.03e4	32.9	YES

Name: 180913M1_47, Date: 13-Sep-2018, Time: 17:20:11, ID: B8H0242-MS1 Matrix Spike 0.12818, Description: Matrix Spike

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0242-MS1 Matrix Spike 0.12818	1.35e4	83.6	NO
2	2 13C5-PFHxA	B8H0242-MS1 Matrix Spike 0.12818	2.33e4	78.8	NO
3	3 13C3-PFHxS	B8H0242-MS1 Matrix Spike 0.12818	3.25e3	89.9	NO
4	4 13C8-PFOA	B8H0242-MS1 Matrix Spike 0.12818	2.67e4	74.1	NO
5	5 13C9-PFNA	B8H0242-MS1 Matrix Spike 0.12818	1.91e4	68.5	NO
6	6 13C4-PFOS	B8H0242-MS1 Matrix Spike 0.12818	2.90e3	79.7	NO
7	7 13C6-PFDA	B8H0242-MS1 Matrix Spike 0.12818	1.74e4	65.9	NO
8	8 13C7-PFUDa	B8H0242-MS1 Matrix Spike 0.12818	1.02e4	32.8	YES

Name: 180913M1_48, Date: 13-Sep-2018, Time: 17:30:50, ID: B8H0242-MSD1 Matrix Spike Dup 0.10746, Description: Matrix Spike Dup

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8H0242-MSD1 Matrix Spike Dup 0.107...	1.51e4	93.8	NO
2	2 13C5-PFHxA	B8H0242-MSD1 Matrix Spike Dup 0.107...	2.75e4	93.1	NO
3	3 13C3-PFHxS	B8H0242-MSD1 Matrix Spike Dup 0.107...	3.49e3	96.4	NO
4	4 13C8-PFOA	B8H0242-MSD1 Matrix Spike Dup 0.107...	3.07e4	85.1	NO
5	5 13C9-PFNA	B8H0242-MSD1 Matrix Spike Dup 0.107...	1.93e4	69.2	NO
6	6 13C4-PFOS	B8H0242-MSD1 Matrix Spike Dup 0.107...	2.91e3	80.0	NO
7	7 13C6-PFDA	B8H0242-MSD1 Matrix Spike Dup 0.107...	1.72e4	65.1	NO
8	8 13C7-PFUDa	B8H0242-MSD1 Matrix Spike Dup 0.107...	9.56e3	30.6	YES

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Name: 180913M1_49, Date: 13-Sep-2018, Time: 17:41:28, ID: 1802739-01 18890 0.11866, Description: 18890

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802739-01 18890 0.11866	1.61e4	100.1	NO
2	2 13C5-PFHxA	1802739-01 18890 0.11866	2.97e4	100.5	NO
3	3 13C3-PFHxS	1802739-01 18890 0.11866	3.44e3	95.0	NO
4	4 13C8-PFOA	1802739-01 18890 0.11866	3.51e4	97.3	NO
5	5 13C9-PFNA	1802739-01 18890 0.11866	2.34e4	83.8	NO
6	6 13C4-PFOS	1802739-01 18890 0.11866	3.07e3	84.3	NO
7	7 13C6-PFDA	1802739-01 18890 0.11866	2.10e4	79.4	NO
8	8 13C7-PFUDa	1802739-01 18890 0.11866	1.21e4	38.7	YES

Name: 180913M1_50, Date: 13-Sep-2018, Time: 17:52:02, ID: 1802739-02 18891 0.11533, Description: 18891

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802739-02 18891 0.11533	1.64e4	101.5	NO
2	2 13C5-PFHxA	1802739-02 18891 0.11533	3.09e4	104.7	NO
3	3 13C3-PFHxS	1802739-02 18891 0.11533	3.52e3	97.1	NO
4	4 13C8-PFOA	1802739-02 18891 0.11533	3.67e4	101.8	NO
5	5 13C9-PFNA	1802739-02 18891 0.11533	2.46e4	88.2	NO
6	6 13C4-PFOS	1802739-02 18891 0.11533	3.31e3	91.1	NO
7	7 13C6-PFDA	1802739-02 18891 0.11533	2.38e4	90.0	NO
8	8 13C7-PFUDa	1802739-02 18891 0.11533	1.89e4	60.5	NO

Name: 180913M1_51, Date: 13-Sep-2018, Time: 18:02:40, ID: 1802739-03 18892 0.11932, Description: 18892

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802739-03 18892 0.11932	1.52e4	94.6	NO
2	2 13C5-PFHxA	1802739-03 18892 0.11932	2.67e4	90.5	NO
3	3 13C3-PFHxS	1802739-03 18892 0.11932	3.56e3	98.4	NO
4	4 13C8-PFOA	1802739-03 18892 0.11932	2.87e4	79.5	NO
5	5 13C9-PFNA	1802739-03 18892 0.11932	1.82e4	65.1	NO
6	6 13C4-PFOS	1802739-03 18892 0.11932	2.79e3	76.8	NO
7	7 13C6-PFDA	1802739-03 18892 0.11932	1.58e4	59.8	NO
8	8 13C7-PFUDa	1802739-03 18892 0.11932	8.47e3	27.1	YES

Name: 180913M1_52, Date: 13-Sep-2018, Time: 18:13:12, ID: 1802739-04 18893 0.11564, Description: 18893

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802739-04 18893 0.11564	1.45e4	90.0	NO
2	2 13C5-PFHxA	1802739-04 18893 0.11564	2.67e4	90.2	NO
3	3 13C3-PFHxS	1802739-04 18893 0.11564	3.37e3	93.0	NO
4	4 13C8-PFOA	1802739-04 18893 0.11564	3.23e4	89.7	NO
5	5 13C9-PFNA	1802739-04 18893 0.11564	2.01e4	71.9	NO
6	6 13C4-PFOS	1802739-04 18893 0.11564	2.52e3	69.4	NO
7	7 13C6-PFDA	1802739-04 18893 0.11564	1.55e4	58.7	NO
8	8 13C7-PFUDa	1802739-04 18893 0.11564	5.81e3	18.6	YES

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Name: 180913M1_53, Date: 13-Sep-2018, Time: 18:23:51, ID: 1802739-05 18894 0.11535, Description: 18894

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802739-05 18894 0.11535	1.33e4	82.5	NO
2	2 13C5-PFHxA	1802739-05 18894 0.11535	2.36e4	80.0	NO
3	3 13C3-PFHxS	1802739-05 18894 0.11535	3.32e3	91.6	NO
4	4 13C8-PFOA	1802739-05 18894 0.11535	2.60e4	72.1	NO
5	5 13C9-PFNA	1802739-05 18894 0.11535	1.68e4	60.3	NO
6	6 13C4-PFOS	1802739-05 18894 0.11535	2.35e3	64.6	NO
7	7 13C6-PFDA	1802739-05 18894 0.11535	1.35e4	51.1	NO
8	8 13C7-PFUdA	1802739-05 18894 0.11535	6.16e3	19.7	YES

Name: 180913M1_54, Date: 13-Sep-2018, Time: 18:34:30, ID: 1802739-06 18895 0.11578, Description: 18895

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802739-06 18895 0.11578	1.48e4	91.7	NO
2	2 13C5-PFHxA	1802739-06 18895 0.11578	2.53e4	85.7	NO
3	3 13C3-PFHxS	1802739-06 18895 0.11578	3.39e3	93.6	NO
4	4 13C8-PFOA	1802739-06 18895 0.11578	2.90e4	80.5	NO
5	5 13C9-PFNA	1802739-06 18895 0.11578	1.94e4	69.4	NO
6	6 13C4-PFOS	1802739-06 18895 0.11578	2.91e3	79.9	NO
7	7 13C6-PFDA	1802739-06 18895 0.11578	1.81e4	68.7	NO
8	8 13C7-PFUdA	1802739-06 18895 0.11578	1.35e4	43.4	YES

Name: 180913M1_55, Date: 13-Sep-2018, Time: 18:45:03, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 180913M1_56, Date: 13-Sep-2018, Time: 18:55:41, ID: ST180913M1-4 PFC CS3 1810617, Description: PFC CS3 1810617

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180913M1-4 PFC CS3 1810617	1.37e4	84.9	NO
2	2 13C5-PFHxA	ST180913M1-4 PFC CS3 1810617	3.33e4	112.9	NO
3	3 13C3-PFHxS	ST180913M1-4 PFC CS3 1810617	3.95e3	109.2	NO
4	4 13C8-PFOA	ST180913M1-4 PFC CS3 1810617	4.02e4	111.5	NO
5	5 13C9-PFNA	ST180913M1-4 PFC CS3 1810617	2.96e4	105.9	NO
6	6 13C4-PFOS	ST180913M1-4 PFC CS3 1810617	4.03e3	110.7	NO
7	7 13C6-PFDA	ST180913M1-4 PFC CS3 1810617	2.97e4	112.4	NO
8	8 13C7-PFUdA	ST180913M1-4 PFC CS3 1810617	3.66e4	117.1	NO

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Name: 180913M1_57, Date: 13-Sep-2018, Time: 19:06:14, ID: ST180912M1-5 PFC CS0 1810614, Description: PFC CS0 1810614

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180912M1-5 PFC CS0 1810614	1.30e4	80.4	NO
2	2 13C5-PFHxA	ST180912M1-5 PFC CS0 1810614	3.23e4	109.2	NO
3	3 13C3-PFHxS	ST180912M1-5 PFC CS0 1810614	3.77e3	104.2	NO
4	4 13C8-PFOA	ST180912M1-5 PFC CS0 1810614	3.89e4	108.0	NO
5	5 13C9-PFNA	ST180912M1-5 PFC CS0 1810614	2.89e4	103.6	NO
6	6 13C4-PFOS	ST180912M1-5 PFC CS0 1810614	3.86e3	106.2	NO
7	7 13C6-PFDA	ST180912M1-5 PFC CS0 1810614	3.07e4	116.4	NO
8	8 13C7-PFUDa	ST180912M1-5 PFC CS0 1810614	3.57e4	114.4	NO

Name: 180913M1_58, Date: 13-Sep-2018, Time: 19:16:53, ID: 1802754-01 B-918U_20180827 0.11596, Description: B-918U_20180827

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802754-01 B-918U_20180827 0.11596	1.55e4	96.0	NO
2	2 13C5-PFHxA	1802754-01 B-918U_20180827 0.11596	2.80e4	94.7	NO
3	3 13C3-PFHxS	1802754-01 B-918U_20180827 0.11596	3.60e3	99.5	NO
4	4 13C8-PFOA	1802754-01 B-918U_20180827 0.11596	3.10e4	86.0	NO
5	5 13C9-PFNA	1802754-01 B-918U_20180827 0.11596	2.10e4	75.1	NO
6	6 13C4-PFOS	1802754-01 B-918U_20180827 0.11596	3.42e3	94.0	NO
7	7 13C6-PFDA	1802754-01 B-918U_20180827 0.11596	1.95e4	73.9	NO
8	8 13C7-PFUDa	1802754-01 B-918U_20180827 0.11596	1.28e4	40.9	YES

Name: 180913M1_59, Date: 13-Sep-2018, Time: 19:27:26, ID: 1802754-02 B-918M_20180827 0.11803, Description: B-918M_20180827

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802754-02 B-918M_20180827 0.11803	1.46e4	90.4	NO
2	2 13C5-PFHxA	1802754-02 B-918M_20180827 0.11803	2.49e4	84.3	NO
3	3 13C3-PFHxS	1802754-02 B-918M_20180827 0.11803	3.40e3	93.8	NO
4	4 13C8-PFOA	1802754-02 B-918M_20180827 0.11803	2.77e4	76.9	NO
5	5 13C9-PFNA	1802754-02 B-918M_20180827 0.11803	1.79e4	64.1	NO
6	6 13C4-PFOS	1802754-02 B-918M_20180827 0.11803	2.86e3	78.7	NO
7	7 13C6-PFDA	1802754-02 B-918M_20180827 0.11803	1.40e4	53.1	NO
8	8 13C7-PFUDa	1802754-02 B-918M_20180827 0.11803	8.31e3	26.6	YES

Name: 180913M1_60, Date: 13-Sep-2018, Time: 19:38:04, ID: 1802754-03 B-918D_20180827 0.11882, Description: B-918D_20180827

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802754-03 B-918D_20180827 0.11882	1.32e4	82.2	NO
2	2 13C5-PFHxA	1802754-03 B-918D_20180827 0.11882	2.32e4	78.5	NO
3	3 13C3-PFHxS	1802754-03 B-918D_20180827 0.11882	3.13e3	86.3	NO
4	4 13C8-PFOA	1802754-03 B-918D_20180827 0.11882	2.52e4	69.9	NO
5	5 13C9-PFNA	1802754-03 B-918D_20180827 0.11882	1.75e4	62.8	NO
6	6 13C4-PFOS	1802754-03 B-918D_20180827 0.11882	2.61e3	71.8	NO
7	7 13C6-PFDA	1802754-03 B-918D_20180827 0.11882	1.59e4	60.3	NO
8	8 13C7-PFUDa	1802754-03 B-918D_20180827 0.11882	8.19e3	26.2	YES

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Name: 180913M1_61, Date: 13-Sep-2018, Time: 19:48:43, ID: 1802754-04 FB-PFAS-01_20180827 0.11564, Description: FB-PFAS-01_20180827

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802754-04 FB-PFAS-01_20180827 0...	1.40e4	86.7	NO
2	2 13C5-PFHxA	1802754-04 FB-PFAS-01_20180827 0...	2.34e4	79.1	NO
3	3 13C3-PFHxS	1802754-04 FB-PFAS-01_20180827 0...	3.51e3	96.8	NO
4	4 13C8-PFOA	1802754-04 FB-PFAS-01_20180827 0...	2.80e4	77.8	NO
5	5 13C9-PFNA	1802754-04 FB-PFAS-01_20180827 0...	1.95e4	70.0	NO
6	6 13C4-PFOS	1802754-04 FB-PFAS-01_20180827 0...	3.04e3	83.5	NO
7	7 13C6-PFDA	1802754-04 FB-PFAS-01_20180827 0...	1.89e4	71.4	NO
8	8 13C7-PFUdA	1802754-04 FB-PFAS-01_20180827 0...	1.38e4	44.3	YES

Name: 180913M1_62, Date: 13-Sep-2018, Time: 19:59:15, ID: 1802754-05 TB-PFAS-01_20180827 0.11342, Description: TB-PFAS-01_20180827

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802754-05 TB-PFAS-01_20180827 0...	1.61e4	99.7	NO
2	2 13C5-PFHxA	1802754-05 TB-PFAS-01_20180827 0...	2.78e4	94.2	NO
3	3 13C3-PFHxS	1802754-05 TB-PFAS-01_20180827 0...	3.88e3	107.1	NO
4	4 13C8-PFOA	1802754-05 TB-PFAS-01_20180827 0...	3.27e4	90.6	NO
5	5 13C9-PFNA	1802754-05 TB-PFAS-01_20180827 0...	2.29e4	82.1	NO
6	6 13C4-PFOS	1802754-05 TB-PFAS-01_20180827 0...	3.18e3	87.5	NO
7	7 13C6-PFDA	1802754-05 TB-PFAS-01_20180827 0...	2.11e4	80.0	NO
8	8 13C7-PFUdA	1802754-05 TB-PFAS-01_20180827 0...	1.18e4	37.9	YES

Name: 180913M1_63, Date: 13-Sep-2018, Time: 20:09:54, ID: 1802755-01 Influent 0.11734, Description: Influent

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802755-01 Influent 0.11734	1.45e4	89.7	NO
2	2 13C5-PFHxA	1802755-01 Influent 0.11734	2.68e4	90.9	NO
3	3 13C3-PFHxS	1802755-01 Influent 0.11734	3.42e3	94.5	NO
4	4 13C8-PFOA	1802755-01 Influent 0.11734	3.28e4	90.9	NO
5	5 13C9-PFNA	1802755-01 Influent 0.11734	2.32e4	83.1	NO
6	6 13C4-PFOS	1802755-01 Influent 0.11734	2.83e3	77.8	NO
7	7 13C6-PFDA	1802755-01 Influent 0.11734	2.11e4	79.9	NO
8	8 13C7-PFUdA	1802755-01 Influent 0.11734	1.79e4	57.3	NO

Name: 180913M1_64, Date: 13-Sep-2018, Time: 20:20:32, ID: 1802755-02 Effluent 0.10479, Description: Effluent

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802755-02 Effluent 0.10479	1.47e4	91.1	NO
2	2 13C5-PFHxA	1802755-02 Effluent 0.10479	2.69e4	91.1	NO
3	3 13C3-PFHxS	1802755-02 Effluent 0.10479	3.73e3	103.1	NO
4	4 13C8-PFOA	1802755-02 Effluent 0.10479	3.23e4	89.8	NO
5	5 13C9-PFNA	1802755-02 Effluent 0.10479	2.30e4	82.4	NO
6	6 13C4-PFOS	1802755-02 Effluent 0.10479	3.63e3	99.9	NO
7	7 13C6-PFDA	1802755-02 Effluent 0.10479	2.29e4	86.7	NO
8	8 13C7-PFUdA	1802755-02 Effluent 0.10479	2.44e4	78.1	NO

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Name: 180913M1_65, Date: 13-Sep-2018, Time: 20:31:06, ID: B8I0052-BS1 OPR 0.125, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8I0052-BS1 OPR 0.125	1.42e4	87.9	NO
2	2 13C5-PFHxA	B8I0052-BS1 OPR 0.125	2.95e4	99.9	NO
3	3 13C3-PFHxS	B8I0052-BS1 OPR 0.125	3.72e3	102.8	NO
4	4 13C8-PFOA	B8I0052-BS1 OPR 0.125	3.67e4	101.9	NO
5	5 13C9-PFNA	B8I0052-BS1 OPR 0.125	2.78e4	99.5	NO
6	6 13C4-PFOS	B8I0052-BS1 OPR 0.125	3.89e3	107.1	NO
7	7 13C6-PFDA	B8I0052-BS1 OPR 0.125	2.95e4	111.7	NO
8	8 13C7-PFUDa	B8I0052-BS1 OPR 0.125	3.45e4	110.4	NO

Name: 180913M1_66, Date: 13-Sep-2018, Time: 20:41:44, ID: B8I0052-BLK1 Method Blank 0.125, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8I0052-BLK1 Method Blank 0.125	1.43e4	88.6	NO
2	2 13C5-PFHxA	B8I0052-BLK1 Method Blank 0.125	2.90e4	98.2	NO
3	3 13C3-PFHxS	B8I0052-BLK1 Method Blank 0.125	3.77e3	104.0	NO
4	4 13C8-PFOA	B8I0052-BLK1 Method Blank 0.125	3.51e4	97.3	NO
5	5 13C9-PFNA	B8I0052-BLK1 Method Blank 0.125	2.62e4	93.9	NO
6	6 13C4-PFOS	B8I0052-BLK1 Method Blank 0.125	3.51e3	96.4	NO
7	7 13C6-PFDA	B8I0052-BLK1 Method Blank 0.125	2.91e4	110.2	NO
8	8 13C7-PFUDa	B8I0052-BLK1 Method Blank 0.125	3.25e4	104.1	NO

Name: 180913M1_67, Date: 13-Sep-2018, Time: 20:52:22, ID: B8I0052-MS1 Matrix Spike 0.11389, Description: Matrix Spike

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8I0052-MS1 Matrix Spike 0.11389	7.10e3	44.1	YES
2	2 13C5-PFHxA	B8I0052-MS1 Matrix Spike 0.11389	1.41e4	47.8	YES
3	3 13C3-PFHxS	B8I0052-MS1 Matrix Spike 0.11389	3.61e3	99.8	NO
4	4 13C8-PFOA	B8I0052-MS1 Matrix Spike 0.11389	2.07e4	57.5	NO
5	5 13C9-PFNA	B8I0052-MS1 Matrix Spike 0.11389	1.69e4	60.5	NO
6	6 13C4-PFOS	B8I0052-MS1 Matrix Spike 0.11389	3.80e3	104.5	NO
7	7 13C6-PFDA	B8I0052-MS1 Matrix Spike 0.11389	2.19e4	82.9	NO
8	8 13C7-PFUDa	B8I0052-MS1 Matrix Spike 0.11389	2.74e4	87.8	NO

Name: 180913M1_68, Date: 13-Sep-2018, Time: 21:02:56, ID: B8I0052-MSD1 Matrix Spike Dup 0.11172, Description: Matrix Spike Dup

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8I0052-MSD1 Matrix Spike Dup 0.11172	8.09e3	50.2	NO
2	2 13C5-PFHxA	B8I0052-MSD1 Matrix Spike Dup 0.11172	1.99e4	67.3	NO
3	3 13C3-PFHxS	B8I0052-MSD1 Matrix Spike Dup 0.11172	3.73e3	103.0	NO
4	4 13C8-PFOA	B8I0052-MSD1 Matrix Spike Dup 0.11172	3.07e4	85.3	NO
5	5 13C9-PFNA	B8I0052-MSD1 Matrix Spike Dup 0.11172	2.40e4	86.0	NO
6	6 13C4-PFOS	B8I0052-MSD1 Matrix Spike Dup 0.11172	3.80e3	104.5	NO
7	7 13C6-PFDA	B8I0052-MSD1 Matrix Spike Dup 0.11172	2.83e4	107.0	NO
8	8 13C7-PFUDa	B8I0052-MSD1 Matrix Spike Dup 0.11172	3.32e4	106.4	NO

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Name: 180913M1_69, Date: 13-Sep-2018, Time: 21:13:34, ID: 1802838-20RE1 CANON-RES692-01-SP-08292018 0.11663, Description: CANON-RES692-01-SP-08292018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802838-20RE1 CANON-RES692-01-S...	6.62e3	41.1	YES
2	2 13C5-PFHxA	1802838-20RE1 CANON-RES692-01-S...	1.46e4	49.5	YES
3	3 13C3-PFHxS	1802838-20RE1 CANON-RES692-01-S...	3.52e3	97.2	NO
4	4 13C8-PFOA	1802838-20RE1 CANON-RES692-01-S...	2.27e4	63.1	NO
5	5 13C9-PFNA	1802838-20RE1 CANON-RES692-01-S...	1.76e4	63.1	NO
6	6 13C4-PFOS	1802838-20RE1 CANON-RES692-01-S...	3.76e3	103.3	NO
7	7 13C6-PFDA	1802838-20RE1 CANON-RES692-01-S...	2.12e4	80.2	NO
8	8 13C7-PFUdA	1802838-20RE1 CANON-RES692-01-S...	2.59e4	83.0	NO

Name: 180913M1_70, Date: 13-Sep-2018, Time: 21:24:08, ID: 1802903-01 REEPAC367 0.1093, Description: REEPAC367

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802903-01 REEPAC367 0.1093	8.48e3	52.6	NO
2	2 13C5-PFHxA	1802903-01 REEPAC367 0.1093	2.14e4	72.5	NO
3	3 13C3-PFHxS	1802903-01 REEPAC367 0.1093	3.39e3	93.7	NO
4	4 13C8-PFOA	1802903-01 REEPAC367 0.1093	2.89e4	80.1	NO
5	5 13C9-PFNA	1802903-01 REEPAC367 0.1093	2.24e4	80.2	NO
6	6 13C4-PFOS	1802903-01 REEPAC367 0.1093	3.66e3	100.5	NO
7	7 13C6-PFDA	1802903-01 REEPAC367 0.1093	2.45e4	92.9	NO
8	8 13C7-PFUdA	1802903-01 REEPAC367 0.1093	3.00e4	96.1	NO

Name: 180913M1_71, Date: 13-Sep-2018, Time: 21:34:46, ID: 1802903-02 REEPIN367 0.10824, Description: REEPIN367

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802903-02 REEPIN367 0.10824	4.81e3	29.8	YES
2	2 13C5-PFHxA	1802903-02 REEPIN367 0.10824	1.06e4	35.9	YES
3	3 13C3-PFHxS	1802903-02 REEPIN367 0.10824	3.19e3	88.0	NO
4	4 13C8-PFOA	1802903-02 REEPIN367 0.10824	1.93e4	53.5	NO
5	5 13C9-PFNA	1802903-02 REEPIN367 0.10824	1.56e4	56.1	NO
6	6 13C4-PFOS	1802903-02 REEPIN367 0.10824	3.44e3	94.5	NO
7	7 13C6-PFDA	1802903-02 REEPIN367 0.10824	1.83e4	69.4	NO
8	8 13C7-PFUdA	1802903-02 REEPIN367 0.10824	2.29e4	73.3	NO

Name: 180913M1_72, Date: 13-Sep-2018, Time: 21:45:19, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	6.00e0	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

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Name: 180913M1_73, Date: 13-Sep-2018, Time: 21:55:57, ID: ST180912M1-6 PFC CS3 1810617, Description: PFC CS3 1810617

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180912M1-6 PFC CS3 1810617	1.43e4	88.8	NO
2	2 13C5-PFHxA	ST180912M1-6 PFC CS3 1810617	3.53e4	119.5	NO
3	3 13C3-PFHxS	ST180912M1-6 PFC CS3 1810617	3.99e3	110.2	NO
4	4 13C8-PFOA	ST180912M1-6 PFC CS3 1810617	4.21e4	116.9	NO
5	5 13C9-PFNA	ST180912M1-6 PFC CS3 1810617	3.13e4	112.2	NO
6	6 13C4-PFOS	ST180912M1-6 PFC CS3 1810617	4.30e3	118.3	NO
7	7 13C6-PFDA	ST180912M1-6 PFC CS3 1810617	3.28e4	124.2	NO
8	8 13C7-PFUDa	ST180912M1-6 PFC CS3 1810617	3.82e4	122.4	NO

Name: 180913M1_74, Date: 13-Sep-2018, Time: 22:06:31, ID: 1802903-03 REEPEF368 0.11508, Description: REEPEF368

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802903-03 REEPEF368 0.11508	1.29e4	79.9	NO
2	2 13C5-PFHxA	1802903-03 REEPEF368 0.11508	2.60e4	87.9	NO
3	3 13C3-PFHxS	1802903-03 REEPEF368 0.11508	3.30e3	91.0	NO
4	4 13C8-PFOA	1802903-03 REEPEF368 0.11508	3.25e4	90.1	NO
5	5 13C9-PFNA	1802903-03 REEPEF368 0.11508	2.38e4	85.3	NO
6	6 13C4-PFOS	1802903-03 REEPEF368 0.11508	3.43e3	94.4	NO
7	7 13C6-PFDA	1802903-03 REEPEF368 0.11508	2.64e4	100.0	NO
8	8 13C7-PFUDa	1802903-03 REEPEF368 0.11508	3.05e4	97.8	NO

Name: 180913M1_75, Date: 13-Sep-2018, Time: 22:17:09, ID: 1802903-04 REEPAR368 0.11439, Description: REEPAR368

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802903-04 REEPAR368 0.11439	5.42e3	33.7	YES
2	2 13C5-PFHxA	1802903-04 REEPAR368 0.11439	1.33e4	45.0	YES
3	3 13C3-PFHxS	1802903-04 REEPAR368 0.11439	3.01e3	83.2	NO
4	4 13C8-PFOA	1802903-04 REEPAR368 0.11439	2.06e4	57.3	NO
5	5 13C9-PFNA	1802903-04 REEPAR368 0.11439	1.64e4	58.8	NO
6	6 13C4-PFOS	1802903-04 REEPAR368 0.11439	3.02e3	83.0	NO
7	7 13C6-PFDA	1802903-04 REEPAR368 0.11439	1.81e4	68.4	NO
8	8 13C7-PFUDa	1802903-04 REEPAR368 0.11439	2.17e4	69.5	NO

Name: 180913M1_76, Date: 13-Sep-2018, Time: 22:27:41, ID: 1802903-05 REEPAC368 0.10798, Description: REEPAC368

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802903-05 REEPAC368 0.10798	6.95e3	43.2	YES
2	2 13C5-PFHxA	1802903-05 REEPAC368 0.10798	1.37e4	46.3	YES
3	3 13C3-PFHxS	1802903-05 REEPAC368 0.10798	3.07e3	84.9	NO
4	4 13C8-PFOA	1802903-05 REEPAC368 0.10798	1.87e4	52.0	NO
5	5 13C9-PFNA	1802903-05 REEPAC368 0.10798	1.58e4	56.6	NO
6	6 13C4-PFOS	1802903-05 REEPAC368 0.10798	3.30e3	90.8	NO
7	7 13C6-PFDA	1802903-05 REEPAC368 0.10798	1.82e4	68.7	NO
8	8 13C7-PFUDa	1802903-05 REEPAC368 0.10798	2.31e4	73.9	NO

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Name: 180913M1_77, Date: 13-Sep-2018, Time: 22:38:20, ID: 1802903-06 REEPAC645 0.1138, Description: REEPAC645

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802903-06 REEPAC645 0.1138	1.07e4	66.6	NO
2	2 13C5-PFHxA	1802903-06 REEPAC645 0.1138	2.10e4	71.1	NO
3	3 13C3-PFHxS	1802903-06 REEPAC645 0.1138	3.17e3	87.6	NO
4	4 13C8-PFOA	1802903-06 REEPAC645 0.1138	2.63e4	72.9	NO
5	5 13C9-PFNA	1802903-06 REEPAC645 0.1138	2.02e4	72.3	NO
6	6 13C4-PFOS	1802903-06 REEPAC645 0.1138	3.47e3	95.5	NO
7	7 13C6-PFDA	1802903-06 REEPAC645 0.1138	2.17e4	82.2	NO
8	8 13C7-PFUDa	1802903-06 REEPAC645 0.1138	2.71e4	86.8	NO

Name: 180913M1_78, Date: 13-Sep-2018, Time: 22:48:58, ID: 1802903-07 REEPIN368 0.11609, Description: REEPIN368

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802903-07 REEPIN368 0.11609	1.10e4	68.3	NO
2	2 13C5-PFHxA	1802903-07 REEPIN368 0.11609	2.08e4	70.4	NO
3	3 13C3-PFHxS	1802903-07 REEPIN368 0.11609	3.33e3	91.8	NO
4	4 13C8-PFOA	1802903-07 REEPIN368 0.11609	2.65e4	73.6	NO
5	5 13C9-PFNA	1802903-07 REEPIN368 0.11609	2.06e4	73.7	NO
6	6 13C4-PFOS	1802903-07 REEPIN368 0.11609	3.35e3	92.1	NO
7	7 13C6-PFDA	1802903-07 REEPIN368 0.11609	2.39e4	90.4	NO
8	8 13C7-PFUDa	1802903-07 REEPIN368 0.11609	2.76e4	88.4	NO

Name: 180913M1_79, Date: 13-Sep-2018, Time: 22:59:31, ID: B8I0053-BS1 OPR 0.125, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8I0053-BS1 OPR 0.125	1.32e4	81.9	NO
2	2 13C5-PFHxA	B8I0053-BS1 OPR 0.125	2.66e4	89.9	NO
3	3 13C3-PFHxS	B8I0053-BS1 OPR 0.125	3.70e3	102.1	NO
4	4 13C8-PFOA	B8I0053-BS1 OPR 0.125	3.34e4	92.6	NO
5	5 13C9-PFNA	B8I0053-BS1 OPR 0.125	2.49e4	89.3	NO
6	6 13C4-PFOS	B8I0053-BS1 OPR 0.125	3.73e3	102.7	NO
7	7 13C6-PFDA	B8I0053-BS1 OPR 0.125	2.80e4	105.9	NO
8	8 13C7-PFUDa	B8I0053-BS1 OPR 0.125	3.27e4	104.8	NO

Name: 180913M1_80, Date: 13-Sep-2018, Time: 23:10:10, ID: B8I0053-BSD1 LCSD 0.125, Description: LCSD

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8I0053-BSD1 LCSD 0.125	1.31e4	81.1	NO
2	2 13C5-PFHxA	B8I0053-BSD1 LCSD 0.125	2.52e4	85.3	NO
3	3 13C3-PFHxS	B8I0053-BSD1 LCSD 0.125	3.42e3	94.5	NO
4	4 13C8-PFOA	B8I0053-BSD1 LCSD 0.125	3.10e4	86.1	NO
5	5 13C9-PFNA	B8I0053-BSD1 LCSD 0.125	2.44e4	87.4	NO
6	6 13C4-PFOS	B8I0053-BSD1 LCSD 0.125	3.71e3	102.0	NO
7	7 13C6-PFDA	B8I0053-BSD1 LCSD 0.125	2.50e4	94.6	NO
8	8 13C7-PFUDa	B8I0053-BSD1 LCSD 0.125	3.16e4	101.3	NO

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Name: 180913M1_81, Date: 13-Sep-2018, Time: 23:20:43, ID: B8I0053-BLK1 Method Blank 0.125, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8I0053-BLK1 Method Blank 0.125	1.50e4	93.3	NO
2	2 13C5-PFHxA	B8I0053-BLK1 Method Blank 0.125	2.77e4	93.7	NO
3	3 13C3-PFHxS	B8I0053-BLK1 Method Blank 0.125	3.37e3	93.0	NO
4	4 13C8-PFOA	B8I0053-BLK1 Method Blank 0.125	3.39e4	94.0	NO
5	5 13C9-PFNA	B8I0053-BLK1 Method Blank 0.125	2.34e4	84.0	NO
6	6 13C4-PFOS	B8I0053-BLK1 Method Blank 0.125	3.56e3	97.9	NO
7	7 13C6-PFDA	B8I0053-BLK1 Method Blank 0.125	2.67e4	100.9	NO
8	8 13C7-PFUDa	B8I0053-BLK1 Method Blank 0.125	3.24e4	103.8	NO

Name: 180913M1_82, Date: 13-Sep-2018, Time: 23:31:21, ID: 1802902-01 REEPEF364 0.10723, Description: REEPEF364

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802902-01 REEPEF364 0.10723	9.58e3	59.4	NO
2	2 13C5-PFHxA	1802902-01 REEPEF364 0.10723	2.24e4	75.7	NO
3	3 13C3-PFHxS	1802902-01 REEPEF364 0.10723	3.57e3	98.7	NO
4	4 13C8-PFOA	1802902-01 REEPEF364 0.10723	2.94e4	81.6	NO
5	5 13C9-PFNA	1802902-01 REEPEF364 0.10723	2.32e4	83.0	NO
6	6 13C4-PFOS	1802902-01 REEPEF364 0.10723	3.91e3	107.4	NO
7	7 13C6-PFDA	1802902-01 REEPEF364 0.10723	2.50e4	94.7	NO
8	8 13C7-PFUDa	1802902-01 REEPEF364 0.10723	3.13e4	100.3	NO

Name: 180913M1_83, Date: 13-Sep-2018, Time: 23:41:55, ID: 1802902-02 REEPAR364 0.1093, Description: REEPAR364

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802902-02 REEPAR364 0.1093	1.13e4	70.3	NO
2	2 13C5-PFHxA	1802902-02 REEPAR364 0.1093	2.09e4	70.8	NO
3	3 13C3-PFHxS	1802902-02 REEPAR364 0.1093	3.30e3	91.2	NO
4	4 13C8-PFOA	1802902-02 REEPAR364 0.1093	2.66e4	73.9	NO
5	5 13C9-PFNA	1802902-02 REEPAR364 0.1093	1.93e4	69.2	NO
6	6 13C4-PFOS	1802902-02 REEPAR364 0.1093	3.37e3	92.7	NO
7	7 13C6-PFDA	1802902-02 REEPAR364 0.1093	2.20e4	83.3	NO
8	8 13C7-PFUDa	1802902-02 REEPAR364 0.1093	2.58e4	82.7	NO

Name: 180913M1_84, Date: 13-Sep-2018, Time: 23:52:33, ID: 1802902-03 REEPAC364 0.1108, Description: REEPAC364

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802902-03 REEPAC364 0.1108	7.59e3	47.1	YES
2	2 13C5-PFHxA	1802902-03 REEPAC364 0.1108	1.69e4	57.2	NO
3	3 13C3-PFHxS	1802902-03 REEPAC364 0.1108	3.52e3	97.1	NO
4	4 13C8-PFOA	1802902-03 REEPAC364 0.1108	2.39e4	66.4	NO
5	5 13C9-PFNA	1802902-03 REEPAC364 0.1108	1.91e4	68.5	NO
6	6 13C4-PFOS	1802902-03 REEPAC364 0.1108	3.60e3	99.0	NO
7	7 13C6-PFDA	1802902-03 REEPAC364 0.1108	2.18e4	82.4	NO
8	8 13C7-PFUDa	1802902-03 REEPAC364 0.1108	2.61e4	83.4	NO

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Name: 180913M1_85, Date: 14-Sep-2018, Time: 00:03:06, ID: 1802902-04 REEPIN364 0.10152, Description: REEPIN364

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802902-04 REEPIN364 0.10152	8.53e3	53.0	NO
2	2 13C5-PFHxA	1802902-04 REEPIN364 0.10152	1.89e4	64.1	NO
3	3 13C3-PFHxS	1802902-04 REEPIN364 0.10152	3.55e3	98.1	NO
4	4 13C8-PFOA	1802902-04 REEPIN364 0.10152	2.51e4	69.6	NO
5	5 13C9-PFNA	1802902-04 REEPIN364 0.10152	1.94e4	69.5	NO
6	6 13C4-PFOS	1802902-04 REEPIN364 0.10152	4.13e3	113.5	NO
7	7 13C6-PFDA	1802902-04 REEPIN364 0.10152	2.11e4	79.9	NO
8	8 13C7-PFUDa	1802902-04 REEPIN364 0.10152	2.62e4	84.0	NO

Name: 180913M1_86, Date: 14-Sep-2018, Time: 00:13:44, ID: 1802902-05 REEPEF365 0.10829, Description: REEPEF365

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802902-05 REEPEF365 0.10829	5.87e3	36.4	YES
2	2 13C5-PFHxA	1802902-05 REEPEF365 0.10829	1.53e4	51.9	NO
3	3 13C3-PFHxS	1802902-05 REEPEF365 0.10829	3.47e3	95.8	NO
4	4 13C8-PFOA	1802902-05 REEPEF365 0.10829	2.48e4	68.9	NO
5	5 13C9-PFNA	1802902-05 REEPEF365 0.10829	1.94e4	69.4	NO
6	6 13C4-PFOS	1802902-05 REEPEF365 0.10829	3.61e3	99.2	NO
7	7 13C6-PFDA	1802902-05 REEPEF365 0.10829	2.05e4	77.8	NO
8	8 13C7-PFUDa	1802902-05 REEPEF365 0.10829	2.53e4	80.9	NO

Name: 180913M1_87, Date: 14-Sep-2018, Time: 00:24:18, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 180913M1_88, Date: 14-Sep-2018, Time: 00:34:56, ID: ST180912M1-7 PFC CS3 1810617, Description: PFC CS3 1810617

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180912M1-7 PFC CS3 1810617	1.55e4	96.2	NO
2	2 13C5-PFHxA	ST180912M1-7 PFC CS3 1810617	3.55e4	120.3	NO
3	3 13C3-PFHxS	ST180912M1-7 PFC CS3 1810617	4.25e3	117.4	NO
4	4 13C8-PFOA	ST180912M1-7 PFC CS3 1810617	4.50e4	124.8	NO
5	5 13C9-PFNA	ST180912M1-7 PFC CS3 1810617	3.28e4	117.7	NO
6	6 13C4-PFOS	ST180912M1-7 PFC CS3 1810617	4.38e3	120.5	NO
7	7 13C6-PFDA	ST180912M1-7 PFC CS3 1810617	3.47e4	131.2	NO
8	8 13C7-PFUDa	ST180912M1-7 PFC CS3 1810617	4.08e4	130.5	NO

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Name: 180913M1_89, Date: 14-Sep-2018, Time: 00:45:29, ID: 1802902-06 REEPEF644 0.10845, Description: REEPEF644

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802902-06 REEPEF644 0.10845	5.52e3	34.3	YES
2	2 13C5-PFHxA	1802902-06 REEPEF644 0.10845	1.13e4	38.2	YES
3	3 13C3-PFHxS	1802902-06 REEPEF644 0.10845	3.40e3	93.8	NO
4	4 13C8-PFOA	1802902-06 REEPEF644 0.10845	1.83e4	50.9	NO
5	5 13C9-PFNA	1802902-06 REEPEF644 0.10845	1.48e4	53.2	NO
6	6 13C4-PFOS	1802902-06 REEPEF644 0.10845	3.52e3	96.7	NO
7	7 13C6-PFDA	1802902-06 REEPEF644 0.10845	1.70e4	64.5	NO
8	8 13C7-PFUDa	1802902-06 REEPEF644 0.10845	2.12e4	68.0	NO

Name: 180913M1_90, Date: 14-Sep-2018, Time: 00:56:08, ID: 1802902-07 REEPAR365 0.11026, Description: REEPAR365

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802902-07 REEPAR365 0.11026	2.69e3	16.7	YES
2	2 13C5-PFHxA	1802902-07 REEPAR365 0.11026	8.75e3	29.6	YES
3	3 13C3-PFHxS	1802902-07 REEPAR365 0.11026	2.69e3	74.3	NO
4	4 13C8-PFOA	1802902-07 REEPAR365 0.11026	1.63e4	45.2	YES
5	5 13C9-PFNA	1802902-07 REEPAR365 0.11026	1.31e4	47.0	YES
6	6 13C4-PFOS	1802902-07 REEPAR365 0.11026	2.94e3	80.7	NO
7	7 13C6-PFDA	1802902-07 REEPAR365 0.11026	1.47e4	55.8	NO
8	8 13C7-PFUDa	1802902-07 REEPAR365 0.11026	1.80e4	57.6	NO

Name: 180913M1_91, Date: 14-Sep-2018, Time: 01:06:38, ID: 1802902-08 REEPAC365 0.10316, Description: REEPAC365

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802902-08 REEPAC365 0.10316	6.27e3	38.9	YES
2	2 13C5-PFHxA	1802902-08 REEPAC365 0.10316	1.32e4	44.8	YES
3	3 13C3-PFHxS	1802902-08 REEPAC365 0.10316	3.32e3	91.6	NO
4	4 13C8-PFOA	1802902-08 REEPAC365 0.10316	1.98e4	54.9	NO
5	5 13C9-PFNA	1802902-08 REEPAC365 0.10316	1.55e4	55.4	NO
6	6 13C4-PFOS	1802902-08 REEPAC365 0.10316	3.26e3	89.6	NO
7	7 13C6-PFDA	1802902-08 REEPAC365 0.10316	1.68e4	63.5	NO
8	8 13C7-PFUDa	1802902-08 REEPAC365 0.10316	2.10e4	67.4	NO

Name: 180913M1_92, Date: 14-Sep-2018, Time: 01:17:17, ID: 1802902-09 REEPIN365 0.11026, Description: REEPIN365

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802902-09 REEPIN365 0.11026	9.14e3	56.8	NO
2	2 13C5-PFHxA	1802902-09 REEPIN365 0.11026	1.91e4	64.6	NO
3	3 13C3-PFHxS	1802902-09 REEPIN365 0.11026	3.45e3	95.2	NO
4	4 13C8-PFOA	1802902-09 REEPIN365 0.11026	2.47e4	68.7	NO
5	5 13C9-PFNA	1802902-09 REEPIN365 0.11026	1.88e4	67.2	NO
6	6 13C4-PFOS	1802902-09 REEPIN365 0.11026	3.59e3	98.7	NO
7	7 13C6-PFDA	1802902-09 REEPIN365 0.11026	2.02e4	76.5	NO
8	8 13C7-PFUDa	1802902-09 REEPIN365 0.11026	2.49e4	79.7	NO

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Name: 180913M1_93, Date: 14-Sep-2018, Time: 01:27:55, ID: 1802902-10 REEPEF366 0.10826, Description: REEPEF366

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802902-10 REEPEF366 0.10826	1.15e4	71.5	NO
2	2 13C5-PFHxA	1802902-10 REEPEF366 0.10826	1.92e4	64.9	NO
3	3 13C3-PFHxS	1802902-10 REEPEF366 0.10826	2.88e3	79.6	NO
4	4 13C8-PFOA	1802902-10 REEPEF366 0.10826	2.15e4	59.7	NO
5	5 13C9-PFNA	1802902-10 REEPEF366 0.10826	1.78e4	63.9	NO
6	6 13C4-PFOS	1802902-10 REEPEF366 0.10826	3.08e3	84.7	NO
7	7 13C6-PFDA	1802902-10 REEPEF366 0.10826	1.95e4	73.8	NO
8	8 13C7-PFUDa	1802902-10 REEPEF366 0.10826	2.42e4	77.5	NO

Name: 180913M1_94, Date: 14-Sep-2018, Time: 01:38:28, ID: 1802902-11 REEPAR366 0.10484, Description: REEPAR366

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802902-11 REEPAR366 0.10484	1.01e4	62.4	NO
2	2 13C5-PFHxA	1802902-11 REEPAR366 0.10484	2.30e4	77.8	NO
3	3 13C3-PFHxS	1802902-11 REEPAR366 0.10484	3.14e3	86.7	NO
4	4 13C8-PFOA	1802902-11 REEPAR366 0.10484	2.99e4	82.9	NO
5	5 13C9-PFNA	1802902-11 REEPAR366 0.10484	2.18e4	78.3	NO
6	6 13C4-PFOS	1802902-11 REEPAR366 0.10484	2.98e3	81.9	NO
7	7 13C6-PFDA	1802902-11 REEPAR366 0.10484	2.34e4	88.6	NO
8	8 13C7-PFUDa	1802902-11 REEPAR366 0.10484	2.74e4	87.8	NO

Name: 180913M1_95, Date: 14-Sep-2018, Time: 01:49:07, ID: 1802902-12 REEPAC366 0.10383, Description: REEPAC366

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802902-12 REEPAC366 0.10383	7.75e3	48.1	YES
2	2 13C5-PFHxA	1802902-12 REEPAC366 0.10383	1.95e4	65.9	NO
3	3 13C3-PFHxS	1802902-12 REEPAC366 0.10383	3.30e3	91.1	NO
4	4 13C8-PFOA	1802902-12 REEPAC366 0.10383	2.48e4	68.9	NO
5	5 13C9-PFNA	1802902-12 REEPAC366 0.10383	1.85e4	66.1	NO
6	6 13C4-PFOS	1802902-12 REEPAC366 0.10383	3.50e3	96.1	NO
7	7 13C6-PFDA	1802902-12 REEPAC366 0.10383	2.02e4	76.6	NO
8	8 13C7-PFUDa	1802902-12 REEPAC366 0.10383	2.37e4	75.9	NO

Name: 180913M1_96, Date: 14-Sep-2018, Time: 01:59:40, ID: 1802902-13 REEPIN366 0.09803, Description: REEPIN366

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802902-13 REEPIN366 0.09803	6.93e3	43.0	YES
2	2 13C5-PFHxA	1802902-13 REEPIN366 0.09803	1.62e4	55.0	NO
3	3 13C3-PFHxS	1802902-13 REEPIN366 0.09803	3.05e3	84.3	NO
4	4 13C8-PFOA	1802902-13 REEPIN366 0.09803	2.18e4	60.4	NO
5	5 13C9-PFNA	1802902-13 REEPIN366 0.09803	1.78e4	63.8	NO
6	6 13C4-PFOS	1802902-13 REEPIN366 0.09803	3.39e3	93.3	NO
7	7 13C6-PFDA	1802902-13 REEPIN366 0.09803	1.90e4	71.9	NO
8	8 13C7-PFUDa	1802902-13 REEPIN366 0.09803	2.27e4	72.6	NO

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Name: 180913M1_97, Date: 14-Sep-2018, Time: 02:10:18, ID: 1802902-14 REEPEF367 0.10711, Description: REEPEF367

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802902-14 REEPEF367 0.10711	1.35e4	83.7	NO
2	2 13C5-PFHxA	1802902-14 REEPEF367 0.10711	2.55e4	86.2	NO
3	3 13C3-PFHxS	1802902-14 REEPEF367 0.10711	3.29e3	90.8	NO
4	4 13C8-PFOA	1802902-14 REEPEF367 0.10711	3.01e4	83.5	NO
5	5 13C9-PFNA	1802902-14 REEPEF367 0.10711	2.26e4	81.1	NO
6	6 13C4-PFOS	1802902-14 REEPEF367 0.10711	3.40e3	93.4	NO
7	7 13C6-PFDA	1802902-14 REEPEF367 0.10711	2.46e4	93.1	NO
8	8 13C7-PFUDa	1802902-14 REEPEF367 0.10711	2.84e4	90.9	NO

Name: 180913M1_98, Date: 14-Sep-2018, Time: 02:20:51, ID: 1802902-15 REEPAR367 0.10869, Description: REEPAR367

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802902-15 REEPAR367 0.10869	1.31e4	81.3	NO
2	2 13C5-PFHxA	1802902-15 REEPAR367 0.10869	2.43e4	82.3	NO
3	3 13C3-PFHxS	1802902-15 REEPAR367 0.10869	3.06e3	84.6	NO
4	4 13C8-PFOA	1802902-15 REEPAR367 0.10869	2.82e4	78.2	NO
5	5 13C9-PFNA	1802902-15 REEPAR367 0.10869	2.05e4	73.3	NO
6	6 13C4-PFOS	1802902-15 REEPAR367 0.10869	3.29e3	90.4	NO
7	7 13C6-PFDA	1802902-15 REEPAR367 0.10869	2.07e4	78.2	NO
8	8 13C7-PFUDa	1802902-15 REEPAR367 0.10869	2.53e4	81.2	NO

Name: 180913M1_99, Date: 14-Sep-2018, Time: 02:31:29, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA	7.46e0	0.0	YES
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 180913M1_100, Date: 14-Sep-2018, Time: 02:42:01, ID: ST180912M1-8 PFC CS3 1810617, Description: PFC CS3 1810617

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180912M1-8 PFC CS3 1810617	1.60e4	99.6	NO
2	2 13C5-PFHxA	ST180912M1-8 PFC CS3 1810617	3.72e4	125.9	NO
3	3 13C3-PFHxS	ST180912M1-8 PFC CS3 1810617	4.21e3	116.3	NO
4	4 13C8-PFOA	ST180912M1-8 PFC CS3 1810617	4.50e4	125.0	NO
5	5 13C9-PFNA	ST180912M1-8 PFC CS3 1810617	3.29e4	117.8	NO
6	6 13C4-PFOS	ST180912M1-8 PFC CS3 1810617	4.38e3	120.4	NO
7	7 13C6-PFDA	ST180912M1-8 PFC CS3 1810617	3.60e4	136.3	NO
8	8 13C7-PFUDa	ST180912M1-8 PFC CS3 1810617	4.15e4	133.1	NO

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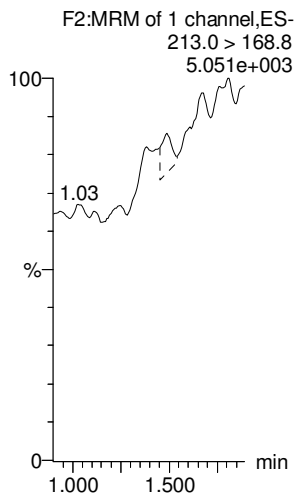
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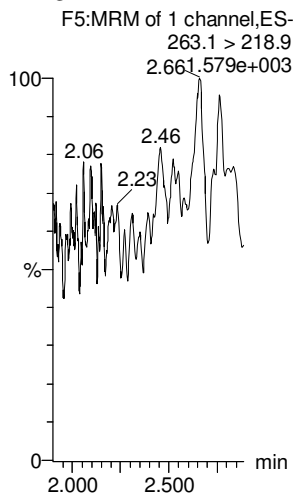
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Name: 180913M1_3, Date: 13-Sep-2018, Time: 09:34:01, ID: IPA, Description: IPA

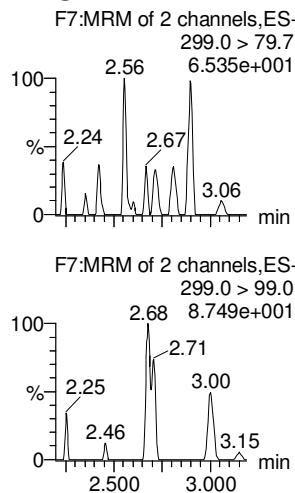
PFBA



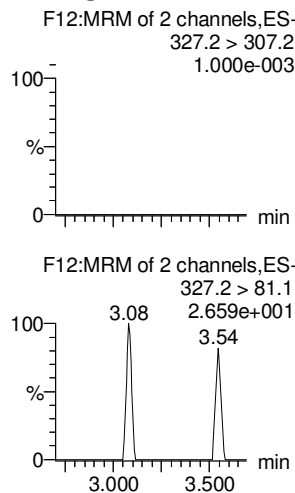
PFPeA



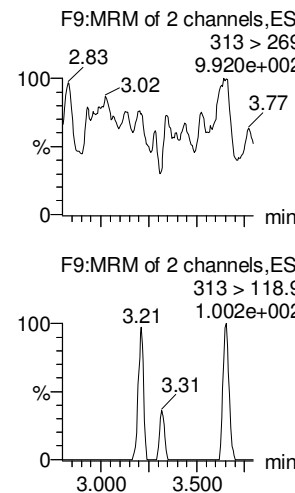
PFBS



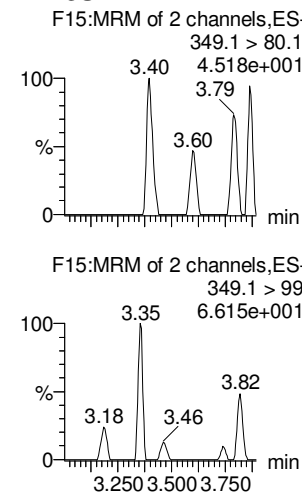
4:2 FTS



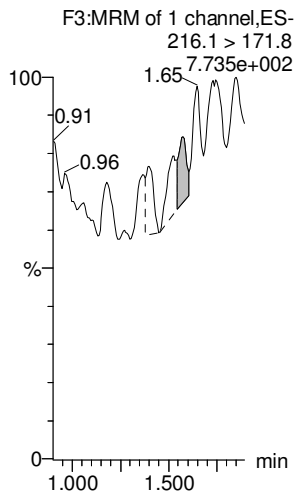
PFHxA



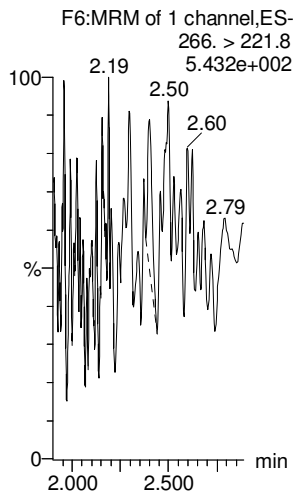
PFPeS



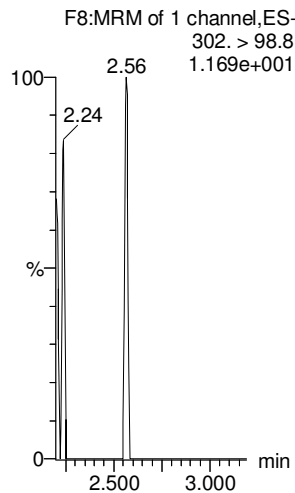
13C3-PFBA



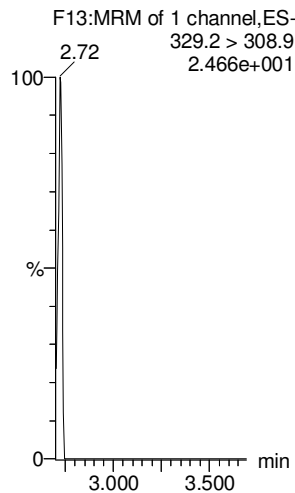
13C3-PFPeA



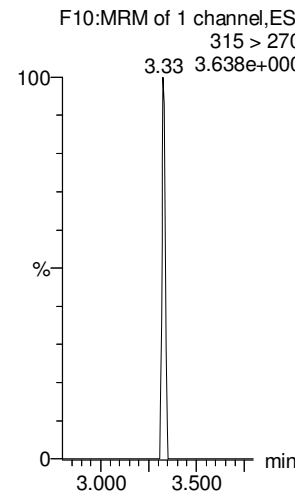
13C3-PFBS



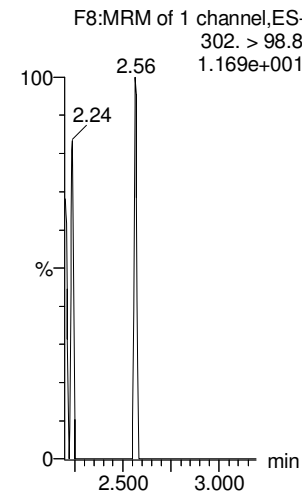
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



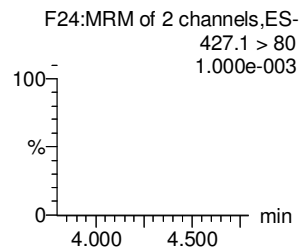
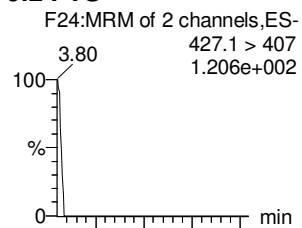
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Last Altered: Friday, September 14, 2018 14:15:26 Pacific Daylight Time

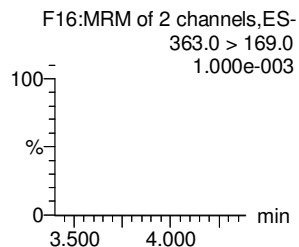
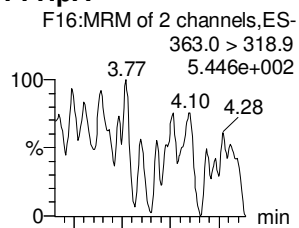
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Name: 180913M1_3, Date: 13-Sep-2018, Time: 09:34:01, ID: IPA, Description: IPA

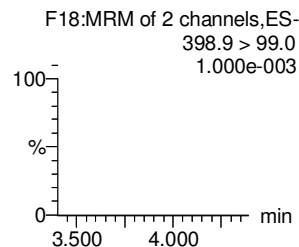
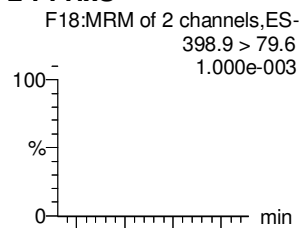
6:2 FTS



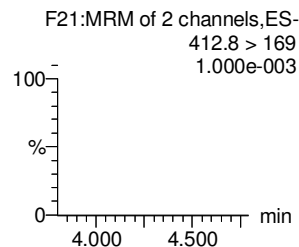
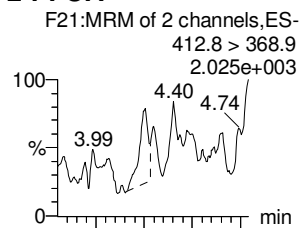
PFHpA



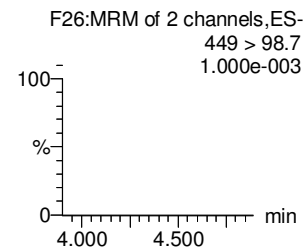
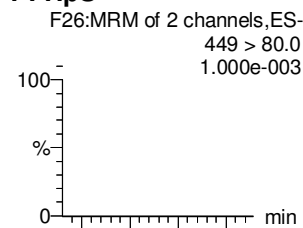
L-PFHxS



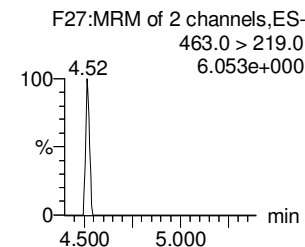
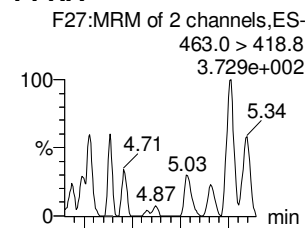
L-PFOA



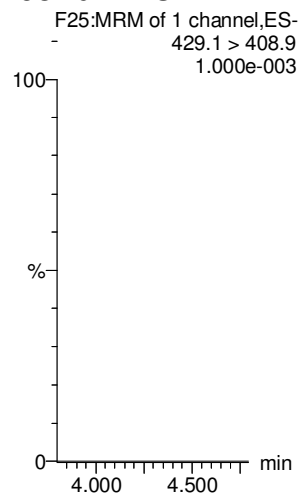
PFHpS



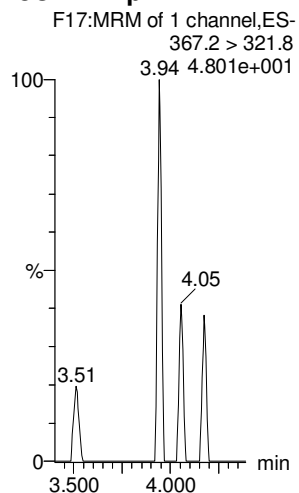
PFNA



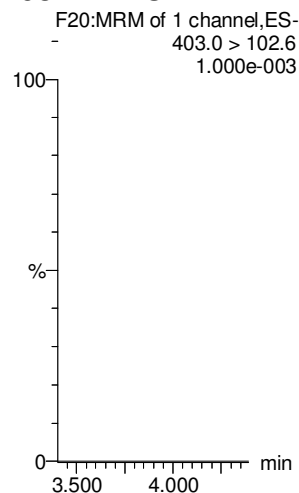
13C2-6:2 FTS



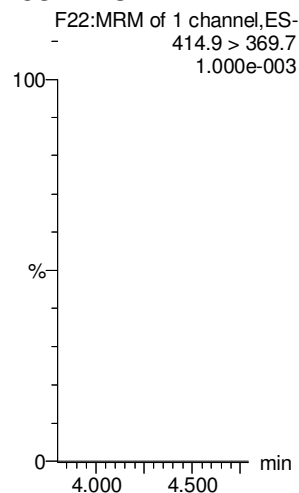
13C4-PFHpA



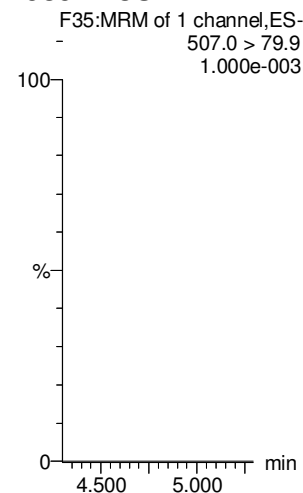
18O2-PFHxS



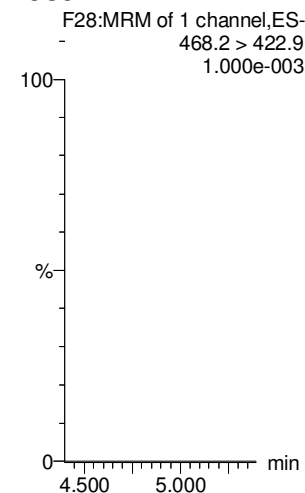
13C2-PFOA



13C8-PFOS



13C5-PFNA



Dataset: Untitled

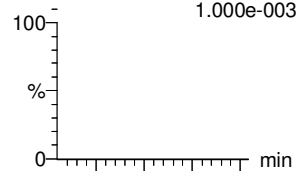
Last Altered: Friday, September 14, 2018 14:15:26 Pacific Daylight Time

Printed: Friday, September 14, 2018 14:20:59 Pacific Daylight Time

Name: 180913M1_3, Date: 13-Sep-2018, Time: 09:34:01, ID: IPA, Description: IPA

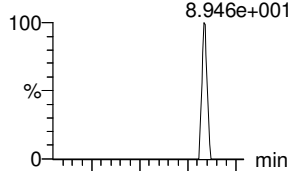
PFOSA

F30:MRM of 2 channels,ES-
497.9 > 77.9
1.000e-003



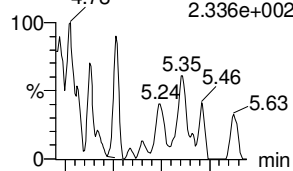
L-PFOS

F32:MRM of 2 channels,ES-
498.9 > 79.9
8.946e+001



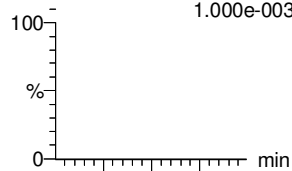
PFDA

F37:MRM of 2 channels,ES-
513 > 468.8
2.336e+002



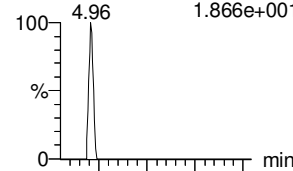
8:2 FTS

F42:MRM of 2 channels,ES-
527 > 506.9
1.000e-003



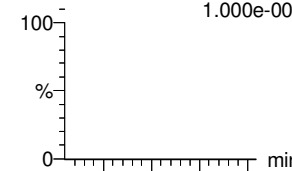
PFNS

F45:MRM of 2 channels,ES-
549.1 > 80.1
1.866e+001

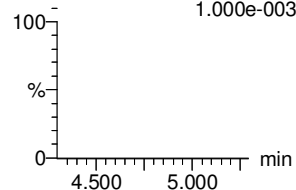


L-MeFOSAA

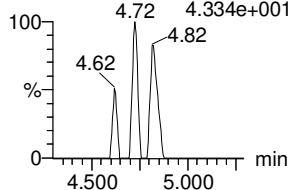
F48:MRM of 2 channels,ES-
570 > 419
1.000e-003



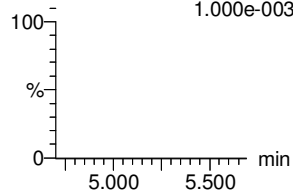
F30:MRM of 2 channels,ES-
497.9 > 169
1.000e-003



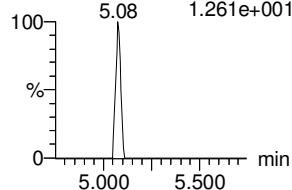
F32:MRM of 2 channels,ES-
498.9 > 99
4.334e+001



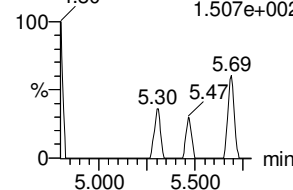
F37:MRM of 2 channels,ES-
513 > 219
1.000e-003



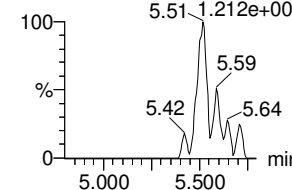
F42:MRM of 2 channels,ES-
527 > 80
1.261e+001



F45:MRM of 2 channels,ES-
549.1 > 99.1
1.507e+002

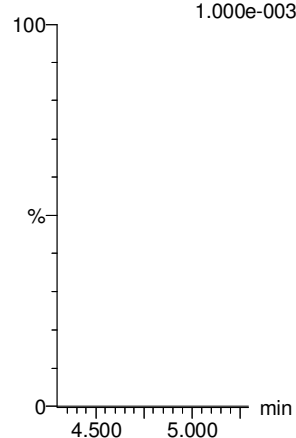


F48:MRM of 2 channels,ES-
570. > 512
1.212e+002



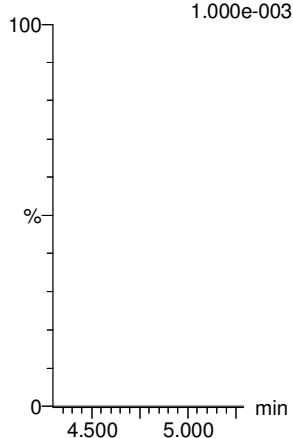
13C8-PFOSA

F34:MRM of 1 channel,ES-
506.1 > 77.7
1.000e-003



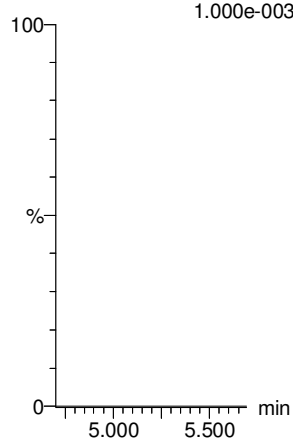
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.000e-003



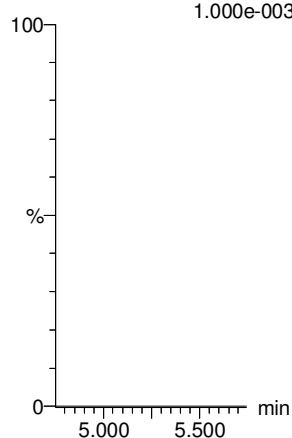
13C2-PFDA

F38:MRM of 1 channel,ES-
515.1 > 469.9
1.000e-003



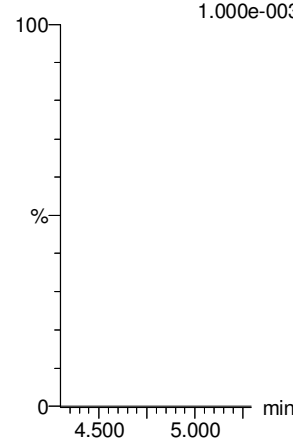
13C2-8:2 FTS

F43:MRM of 1 channel,ES-
529.1 > 508.7
1.000e-003



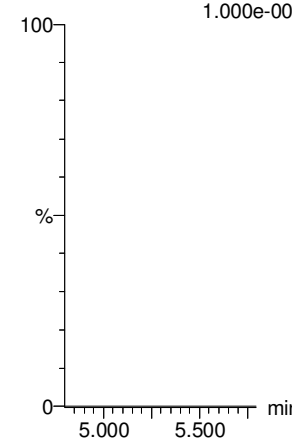
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.000e-003



d3-N-MeFOSAA

F50:MRM of 1 channel,ES-
573.3 > 419
1.000e-003



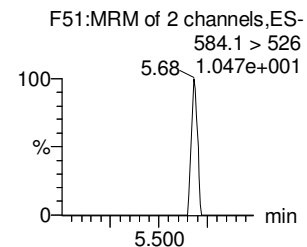
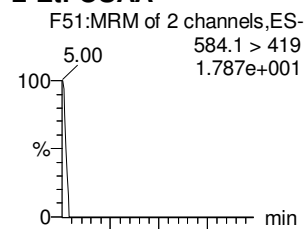
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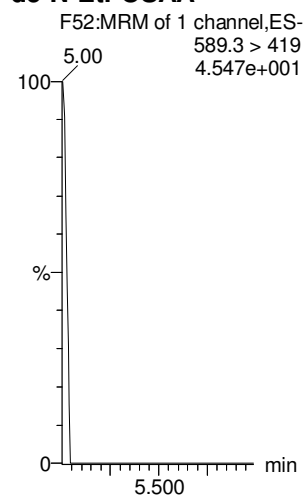
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Name: 180913M1_3, Date: 13-Sep-2018, Time: 09:34:01, ID: IPA, Description: IPA

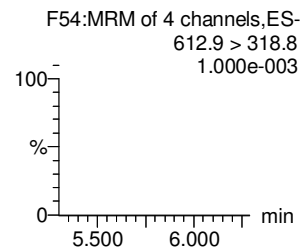
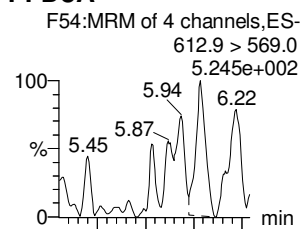
L-EtFOSAA



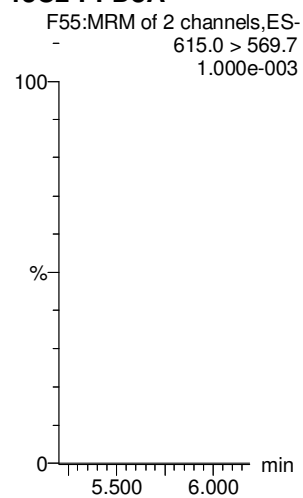
d5-N-EtFOSAA



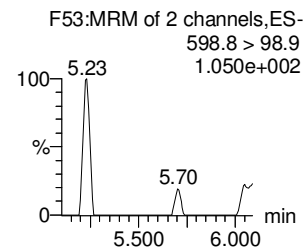
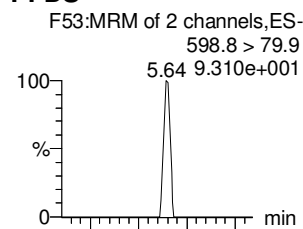
PFDoA



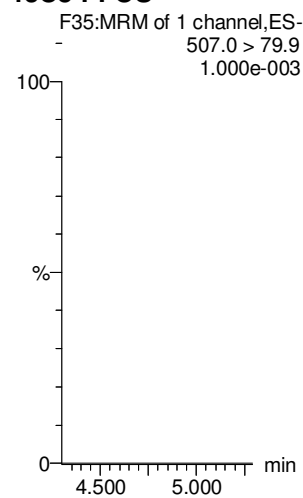
13C2-PFDoA



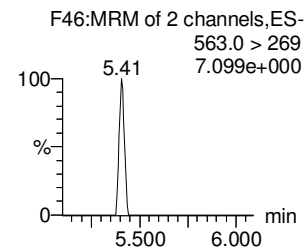
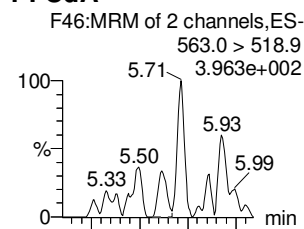
PFDS



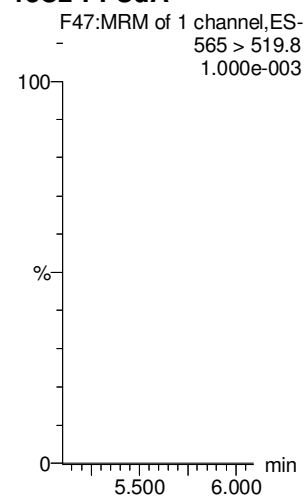
13C8-PFOS



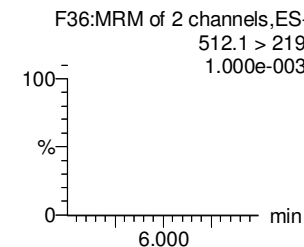
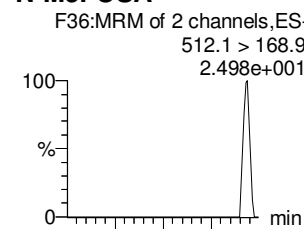
PFUdA



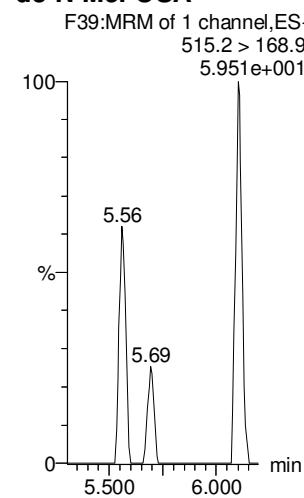
13C2-PFUdA



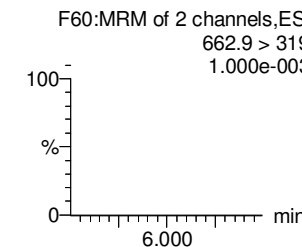
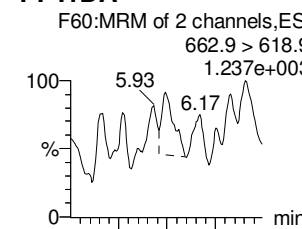
N-MeFOSA



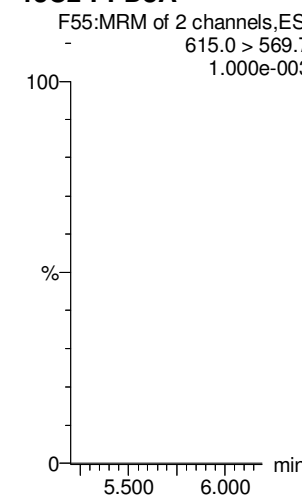
d3-N-MeFOSA



PFTrDA



13C2-PFDoA



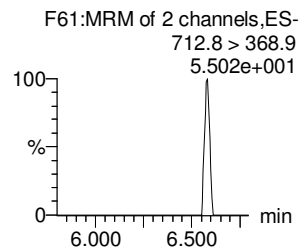
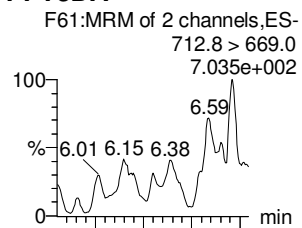
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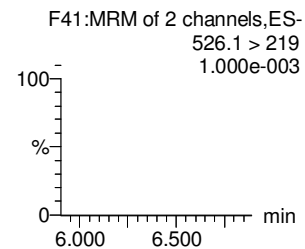
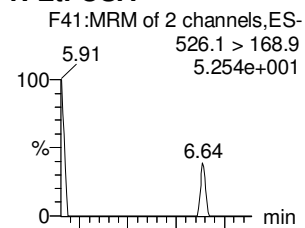
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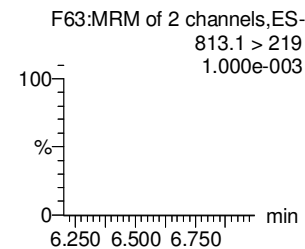
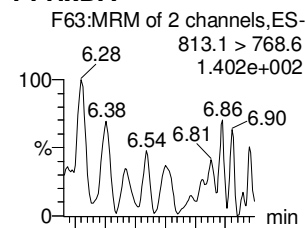
PFTeDA



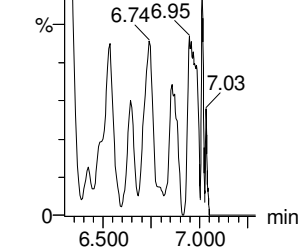
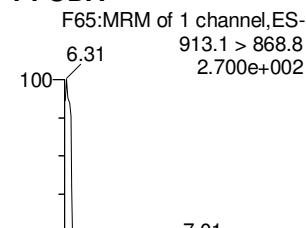
N-EtFOSA



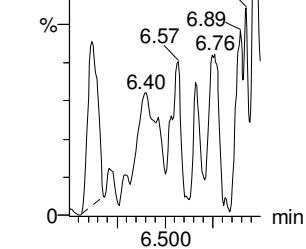
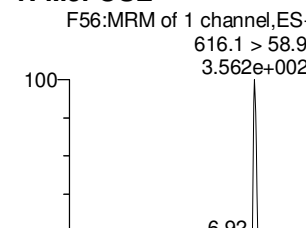
PFHxDA



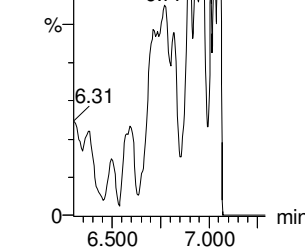
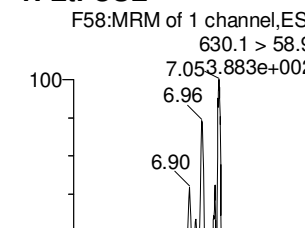
PFODA



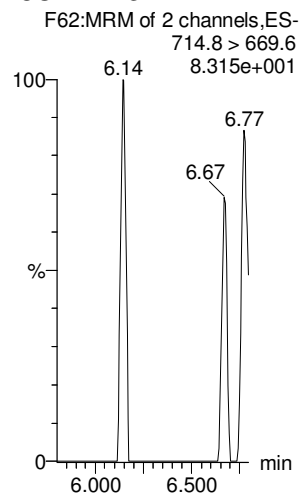
N-MeFOSE



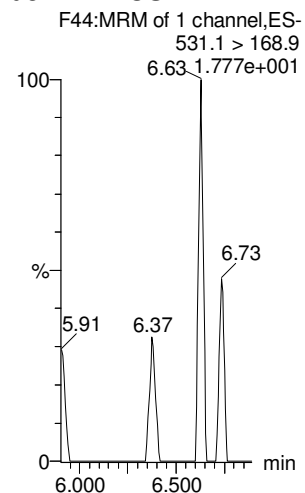
N-EtFOSE



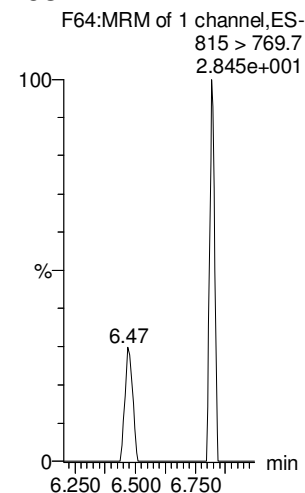
13C2-PFTeDA



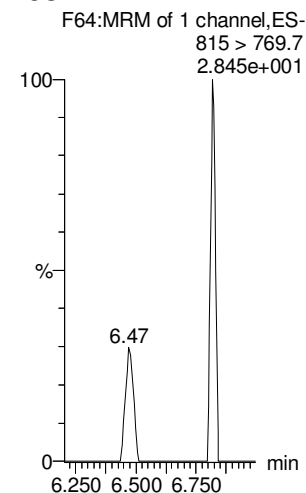
d5-N-ETFOSA



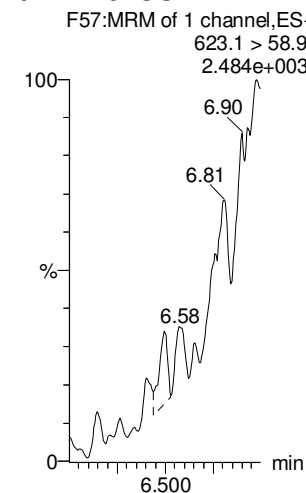
13C2-PFHxDA



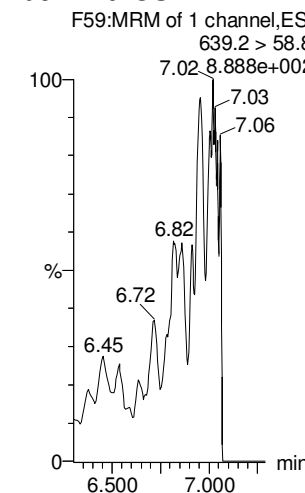
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



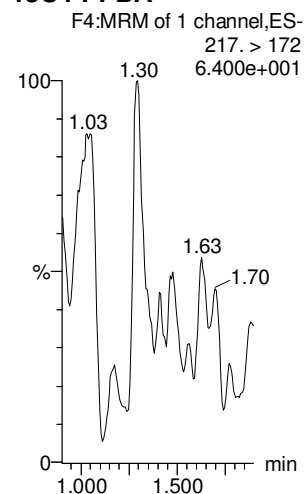
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Last Altered: Friday, September 14, 2018 14:15:26 Pacific Daylight Time

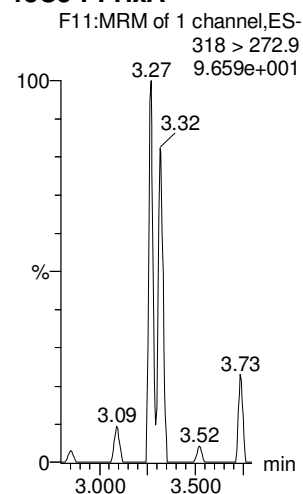
Printed: Friday, September 14, 2018 14:20:59 Pacific Daylight Time

Name: 180913M1_3, Date: 13-Sep-2018, Time: 09:34:01, ID: IPA, Description: IPA

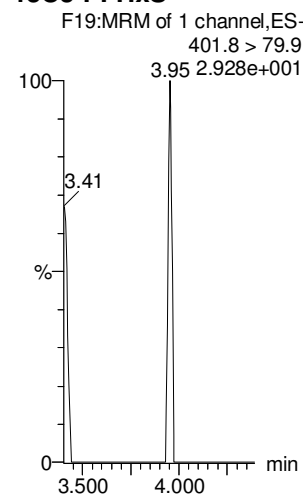
13C4-PFBA



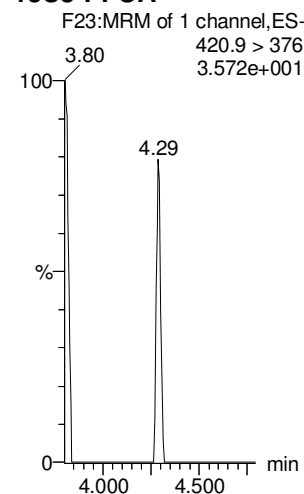
13C5-PFHxA



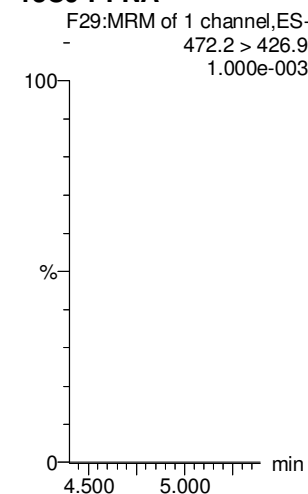
13C3-PFHxS



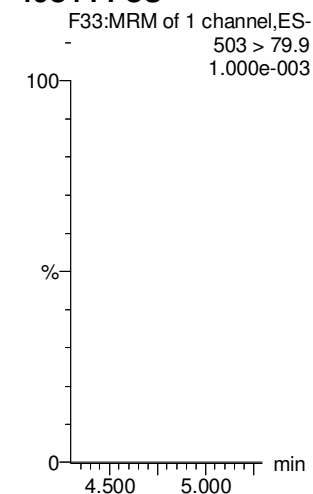
13C8-PFOA



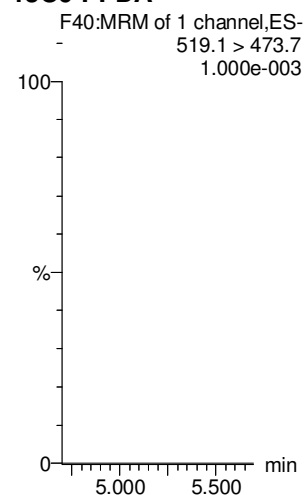
13C9-PFNA



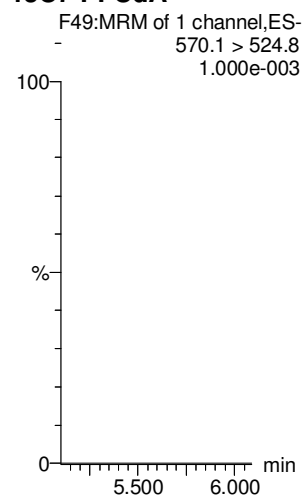
13C4-PFOS



13C6-PFDA



13C7-PFUdA



LC Calibration Standards Review Checklist 04

		ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	
Calibration ID: <u>ST18091341-1</u> ① L M H	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>NA</u> ↓
Calibration ID: <u>J-2</u> L M H	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	↓
Calibration ID: _____ L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____ L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____ L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____ L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____ L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____ L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____ L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____ L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Full Mass Cal. Date: 9/12/18

Run Log Present:

of Samples per Sequence Checked:

Instrument Blank Saved

IIS Area Saved

Reviewed By: AD 9/13/18
Initials/Date

Comments:

Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-2.qld

Last Altered: Thursday, September 13, 2018 09:36:18 Pacific Daylight Time

Printed: Thursday, September 13, 2018 09:36:31 Pacific Daylight Time

JAD 9/13/18

Name: 180913M1_2, Date: 13-Sep-2018, Time: 09:23:22, ID: ST180913M1-1 PFC CS0 1810614, Description: PFC CS0 1810614

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	969.283	10654.321	1.00	1.30	1.137	1.0	104.3	NO		
2	2 PFPeA	263.1 > 218.9	1244.683	16458.615	1.00	2.30	0.945	1.0	98.9	NO		
3	3 PFBS	299.0 > 79.7	265.751	1893.699	1.00	2.59	1.754	1.0	101.1	NO	2.647	NO
4	4 4:2 FTS	327.2>307.2	351.252	3697.531	1.00	3.00	1.187	0.9	94.0	NO	1.712	NO
5	5 PFHxA	313 > 269	2281.544	10599.291	1.00	3.09	1.076	1.0	102.7	NO	15.389	NO
6	6 PFPeS	349.1>80.1	254.866	1893.699	1.00	3.29	1.682	1.0	103.0	NO	1.584	NO
7	36 13C3-PFBA	216.1 > 171.8	10654.321	13575.444	1.00	1.29	9.810	12.9	103.2	NO		
8	37 13C3-PFPeA	266. > 221.8	16458.615	29543.953	1.00	2.29	6.964	12.7	101.4	NO		
9	38 13C3-PFBS	302. > 98.8	1893.699	3621.800	1.00	2.59	6.536	12.2	97.9	NO		
10	39 13C2-4:2 FTS	329.2>308.9	3697.531	3621.800	1.00	3.00	12.761	12.6	100.8	NO		
11	40 13C2-PFHxA	315 > 270	10599.291	29543.953	1.00	3.09	4.485	5.1	101.4	NO		
12	38 13C3-PFBS	302. > 98.8	1893.699	3621.800	1.00	2.59	6.536	12.2	97.9	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	439.215	3774.162	1.00	4.18	1.455	0.9	94.8	NO	3.126	NO
15	7 PFHpA	363.0 > 318.9	1488.623	15447.670	1.00	3.71	1.205	1.0	102.2	NO	11.627	NO
16	8 L-PFHxS	398.9 > 79.6	249.087	1721.182	1.00	3.87	1.809	1.1	105.4	NO	1.567	NO
17	11 L-PFOA	412.8 > 368.9	2992.202	26041.152	1.00	4.24	1.436	0.9	92.4	NO	3.393	NO
18	13 PFHpS	449 > 80.0	227.479	3984.646	1.00	4.35	0.714	0.8	82.4	NO	1.752	NO
19	14 PFNA	463.0 > 418.8	2445.996	26735.934	1.00	4.68	1.144	1.0	101.7	NO	4.608	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	3774.162	3636.783	1.00	4.18	12.972	13.5	108.3	NO		
21	41 13C4-PFHpA	367.2 > 321.8	15447.670	29543.953	1.00	3.71	6.536	14.0	112.2	NO		
22	42 18O2-PFHxS	403.0 > 102.6	1721.182	3621.800	1.00	3.87	5.940	12.6	100.6	NO		
23	44 13C2-PFOA	414.9 > 369.7	26041.152	36033.520	1.00	4.24	9.034	13.1	105.1	NO		
24	47 13C8-PFOS	507.0 > 79.9	3984.646	3636.783	1.00	4.76	13.696	13.0	103.7	NO		
25	45 13C5-PFNA	468.2 > 422.9	26735.934	27906.604	1.00	4.68	11.976	12.3	98.1	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	535.634	5944.170	1.00	4.74	1.126	1.0	104.0	NO	59.134	NO
28	16 L-PFOS	498.9 > 79.9	283.647	3984.646	1.00	4.76	0.890	0.8	81.5	NO	1.671	NO
29	18 PFDA	513 > 468.8	2622.830	23966.930	1.00	5.06	1.368	1.0	96.3	NO	5.267	NO
30	19 8:2 FTS	527 > 506.9	407.129	3022.190	1.00	5.03	1.684	1.2	122.5	NO	2.501	NO
31	20 PFNS	549.1 > 80.1	256.924	3984.646	1.00	5.12	0.806	1.0	98.4	NO	1.693	NO
32	21 L-MeFOSAA	570 > 419	818.603	7194.126	1.00	5.21	1.422	0.9	89.8	NO	3.675	NO
33	46 13C8-PFOSA	506.1 > 77.7	5944.170	31218.545	1.00	4.74	2.380	12.0	96.3	NO		
34	47 13C8-PFOS	507.0 > 79.9	3984.646	3636.783	1.00	4.76	13.696	13.0	103.7	NO		
35	48 13C2-PFDA	515.1 > 469.9	23966.930	26408.854	1.00	5.06	11.344	14.1	112.6	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	3022.190	3636.783	1.00	5.03	10.388	12.8	102.3	NO		

JAD 9/13/18

Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-2.qld

Last Altered: Thursday, September 13, 2018 09:36:18 Pacific Daylight Time

Printed: Thursday, September 13, 2018 09:36:31 Pacific Daylight Time

Name: 180913M1_2, Date: 13-Sep-2018, Time: 09:23:22, ID: ST180913M1-1 PFC CS0 18I0614, Description: PFC CS0 18I0614

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	47 13C8-PFOS	507.0 > 79.9	3984.646	3636.783	1.00	4.76	13.696	13.0	103.7	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	7194.126	31218.545	1.00	5.20	2.881	13.8	110.8	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	689.682	8796.087	1.00	5.37	0.980	0.9	94.6	NO	1.321	NO
41	27 PFD _o A	612.9 > 569.0	2907.070	28246.904	1.00	5.67	1.286	1.0	103.1	NO	10.225	NO
42	26 PFDS	598.8 > 79.9	365.402	3984.646	1.00	5.43	1.146	1.0	104.5	NO	1.887	NO
43	25 PFU _d A	563.0 > 518.9	2491.196	30921.139	1.00	5.39	1.007	1.0	101.9	NO	8.340	NO
44	28 N-MeFOSA	512.1 > 168.9	555.980	17331.715	1.00	5.75	4.812	4.9	97.5	NO	1.616	NO
45	29 PFT _r DA	662.9 > 618.9	2999.400	28246.904	1.00	5.92	1.327	1.0	98.4	NO	19.533	NO
46	52 d5-N-EtFOSAA	589.3 > 419	8796.087	31218.545	1.00	5.36	3.522	14.0	111.6	NO		
47	53 13C2-PFD _o A	615.0 > 569.7	28246.904	26408.854	1.00	5.67	13.370	13.6	108.6	NO		
48	47 13C8-PFOS	507.0 > 79.9	3984.646	3636.783	1.00	4.76	13.696	13.0	103.7	NO		
49	51 13C2-PFU _d A	565 > 519.8	30921.139	31218.545	1.00	5.38	12.381	13.4	107.1	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	17331.715	31218.545	1.00	5.78	6.940	150.0	100.0	NO		
51	53 13C2-PFD _o A	615.0 > 569.7	28246.904	26408.854	1.00	5.67	13.370	13.6	108.6	NO		
52	-1											
53	30 PFT _e DA	712.8 > 669.0	2955.637	14967.970	1.00	6.14	2.468	1.3	127.9	NO	15.615	NO
54	31 N-EtFOSA	526.1 > 168.9	599.921	20277.406	1.00	6.17	4.438	5.2	104.2	NO	1.789	NO
55	32 PFH _x DA	813.1 > 768.6	886.204	8574.471	1.00	6.47	0.517	0.8	77.6	NO	15.785	NO
56	33 PFODA	913.1 > 868.8	1599.973	8574.471	1.00	6.70	0.933	1.1	106.0	NO		
57	34 N-MeFOSE	616.1 > 58.9	492.637	16053.564	1.00	6.35	4.603	5.1	102.0	NO		
58	35 N-EtFOSE	630.1 > 58.9	597.313	16075.612	1.00	6.50	5.573	4.8	96.1	NO		
59	55 13C2-PFT _e DA	714.8 > 669.6	14967.970	31218.545	1.00	6.14	5.993	10.4	83.5	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	20277.406	31218.545	1.00	6.19	8.119	155.7	103.8	NO		
61	57 13C2-PFH _x DA	815 > 769.7	8574.471	31218.545	1.00	6.47	3.433	4.5	90.0	NO		
62	57 13C2-PFH _x DA	815 > 769.7	8574.471	31218.545	1.00	6.47	3.433	4.5	90.0	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	16053.564	31218.545	1.00	6.34	6.428	141.8	94.5	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	16075.612	31218.545	1.00	6.49	6.437	146.8	97.9	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	13575.444	13575.444	1.00	1.30	12.500	12.5	100.0	NO		
67	61 13C5-PFH _x A	318 > 272.9	29543.953	29543.953	1.00	3.08	12.500	12.5	100.0	NO		
68	62 13C3-PFH _x S	401.8 > 79.9	3621.800	3621.800	1.00	3.86	12.500	12.5	100.0	NO		
69	63 13C8-PFOA	420.9 > 376	36033.520	36033.520	1.00	4.24	12.500	12.5	100.0	NO		
70	64 13C9-PFNA	472.2 > 426.9	27906.604	27906.604	1.00	4.68	12.500	12.5	100.0	NO		
71	65 13C4-PFOS	503 > 79.9	3636.783	3636.783	1.00	4.76	12.500	12.5	100.0	NO		
72	66 13C6-PFDA	519.1 > 473.7	26408.854	26408.854	1.00	5.06	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-2.qld

Last Altered: Thursday, September 13, 2018 09:36:18 Pacific Daylight Time

Printed: Thursday, September 13, 2018 09:36:31 Pacific Daylight Time

Name: 180913M1_2, Date: 13-Sep-2018, Time: 09:23:22, ID: ST180913M1-1 PFC CS0 18I0614, Description: PFC CS0 18I0614

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	67 13C7-PFUdA	570.1 > 524.8	31218.545	31218.545	1.00	5.38	12.500	12.5	100.0		NO	

Dataset: Untitled

Last Altered: Thursday, September 13, 2018 13:15:27 Pacific Daylight Time

Printed: Thursday, September 13, 2018 13:16:11 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091318.mdb 13 Sep 2018 09:36:16
Calibration: Z:\Projects\PFAS.pro\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 180913M1_1	IPA	13-Sep-18	09:12:50
2	2 180913M1_2	ST180913M1-1 PFC CS0 18I0614	13-Sep-18	09:23:22
3	3 180913M1_3	IPA	13-Sep-18	09:34:01
4	4 180913M1_4	1802791-11 OF-RW02-MID01-0818 0.2...	13-Sep-18	09:44:37
5	5 180913M1_5	1802490-05@10X GW1808151305JAY ...	13-Sep-18	09:55:14
6	6 180913M1_6	1802490-07@10X GW1808141455JAY ...	13-Sep-18	10:05:52
7	7 180913M1_7	1802094-07@5X SA-MW128I-2018072...	13-Sep-18	10:16:25
8	8 180913M1_8	B8I0038-MSD1 Matrix Spike Dup 0.11034	13-Sep-18	10:27:03
9	9 180913M1_9	IPA	13-Sep-18	10:37:36
10	10 180913M1_10	1802847-07 GALP05818 0.10518	13-Sep-18	10:48:14
11	11 180913M1_11	IPA	13-Sep-18	10:58:46
12	12 180913M1_12	1802847-08 GALP04809 0.1082	13-Sep-18	11:09:25
13	13 180913M1_13	1802847-12 GALP04829 0.11315	13-Sep-18	11:19:57
14	14 180913M1_14	IPA	13-Sep-18	11:30:36
15	15 180913M1_15	1802847-13 GALP05810 0.10975	13-Sep-18	11:41:10
16	16 180913M1_16	IPA	13-Sep-18	11:51:48
17	17 180913M1_17	B8I0038-MS1@5X Matrix Spike 0.10997	13-Sep-18	12:02:20
18	18 180913M1_18	B8I0038-MSD1@5X Matrix Spike Dup 0...	13-Sep-18	12:12:58
19	19 180913M1_19	1802847-01@5X GALP04807 0.11545	13-Sep-18	12:23:31
20	20 180913M1_20	1802847-02@5X GALP05819 0.1076	13-Sep-18	12:34:09
21	21 180913M1_21	IPA	13-Sep-18	12:44:41
22	22 180913M1_22	ST180913M1-2 PFC CS3 18I0617	13-Sep-18	12:55:20

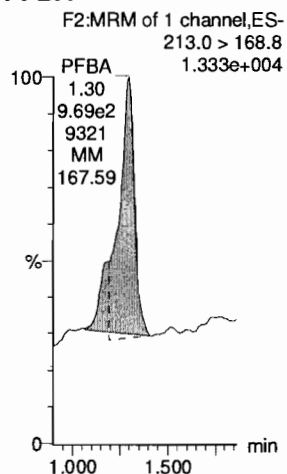
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Last Altered: Thursday, September 13, 2018 09:36:18 Pacific Daylight Time
Printed: Thursday, September 13, 2018 09:36:31 Pacific Daylight Time

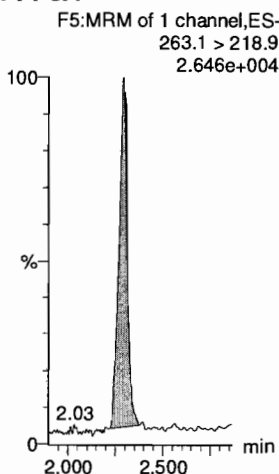
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Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Name: 180913M1_2, Date: 13-Sep-2018, Time: 09:23:22, ID: ST180913M1-1 PFC CS0 18I0614, Description: PFC CS0 18I0614

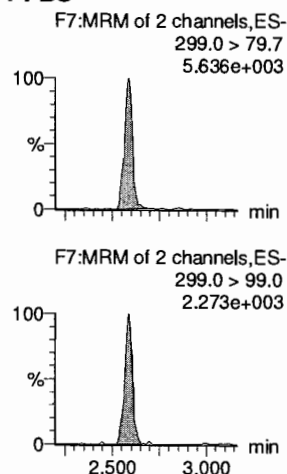
PFBA



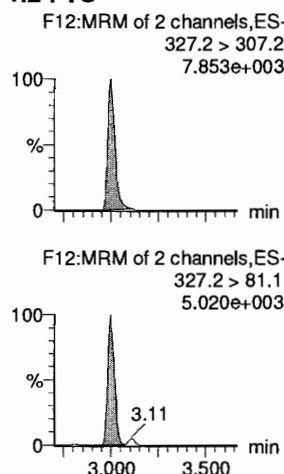
PFPeA



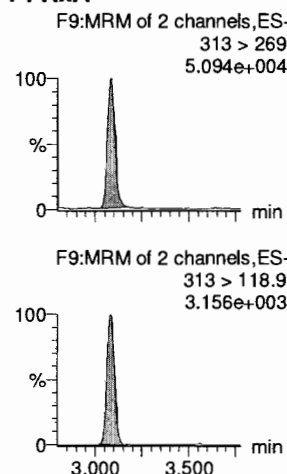
PFBS



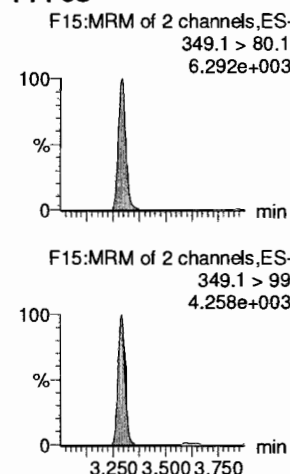
4:2 FTS



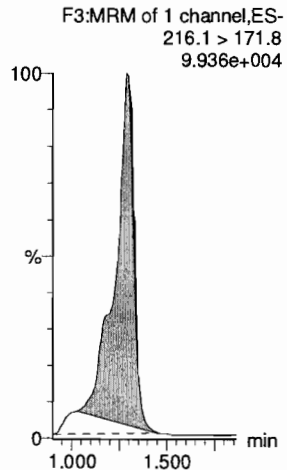
PFHxA



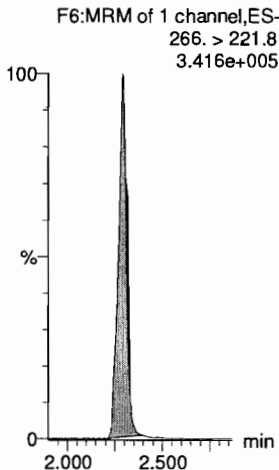
PFPeS



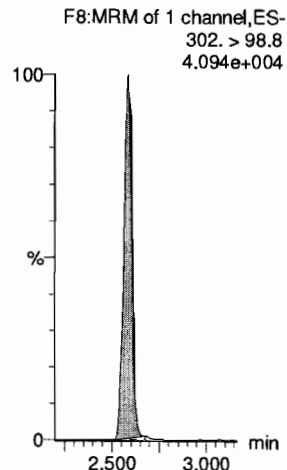
13C3-PFBA



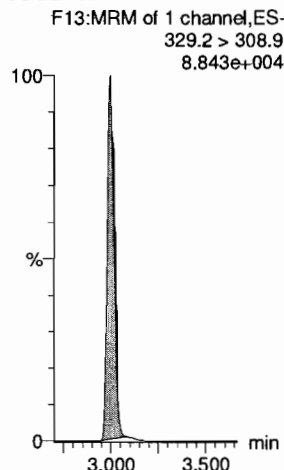
13C3-PFPeA



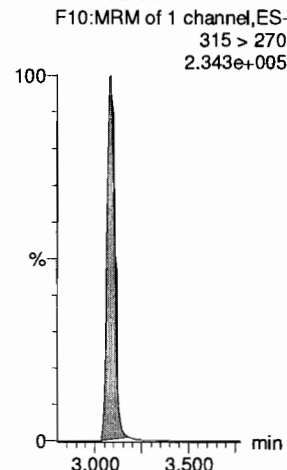
13C3-PFBS



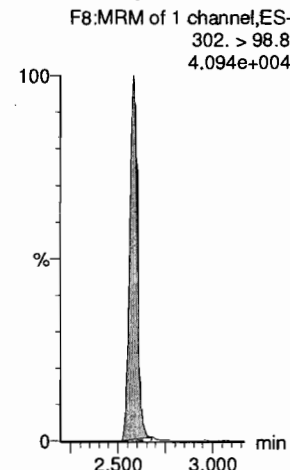
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

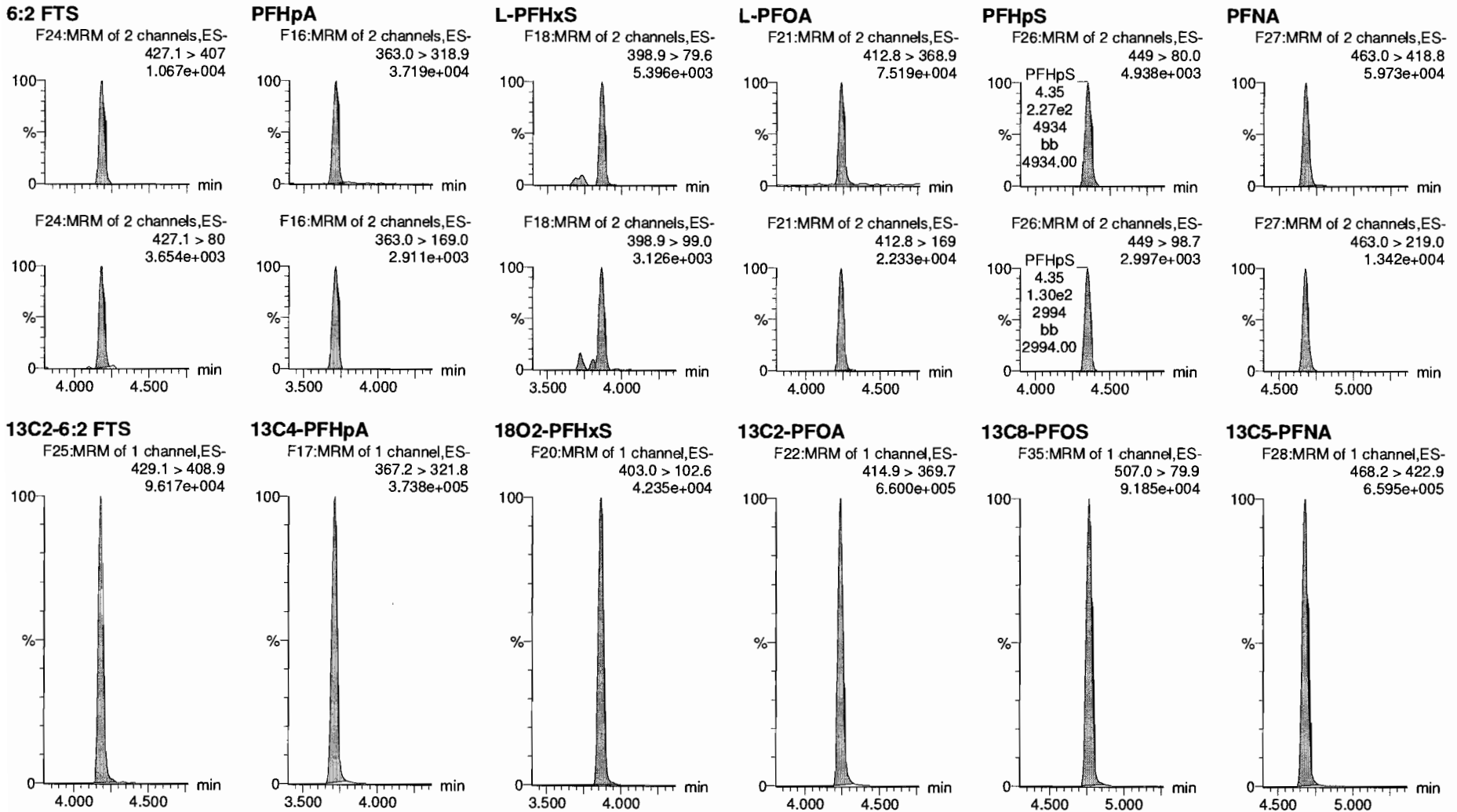


Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-2.qld

Last Altered: Thursday, September 13, 2018 09:36:18 Pacific Daylight Time

Printed: Thursday, September 13, 2018 09:36:31 Pacific Daylight Time

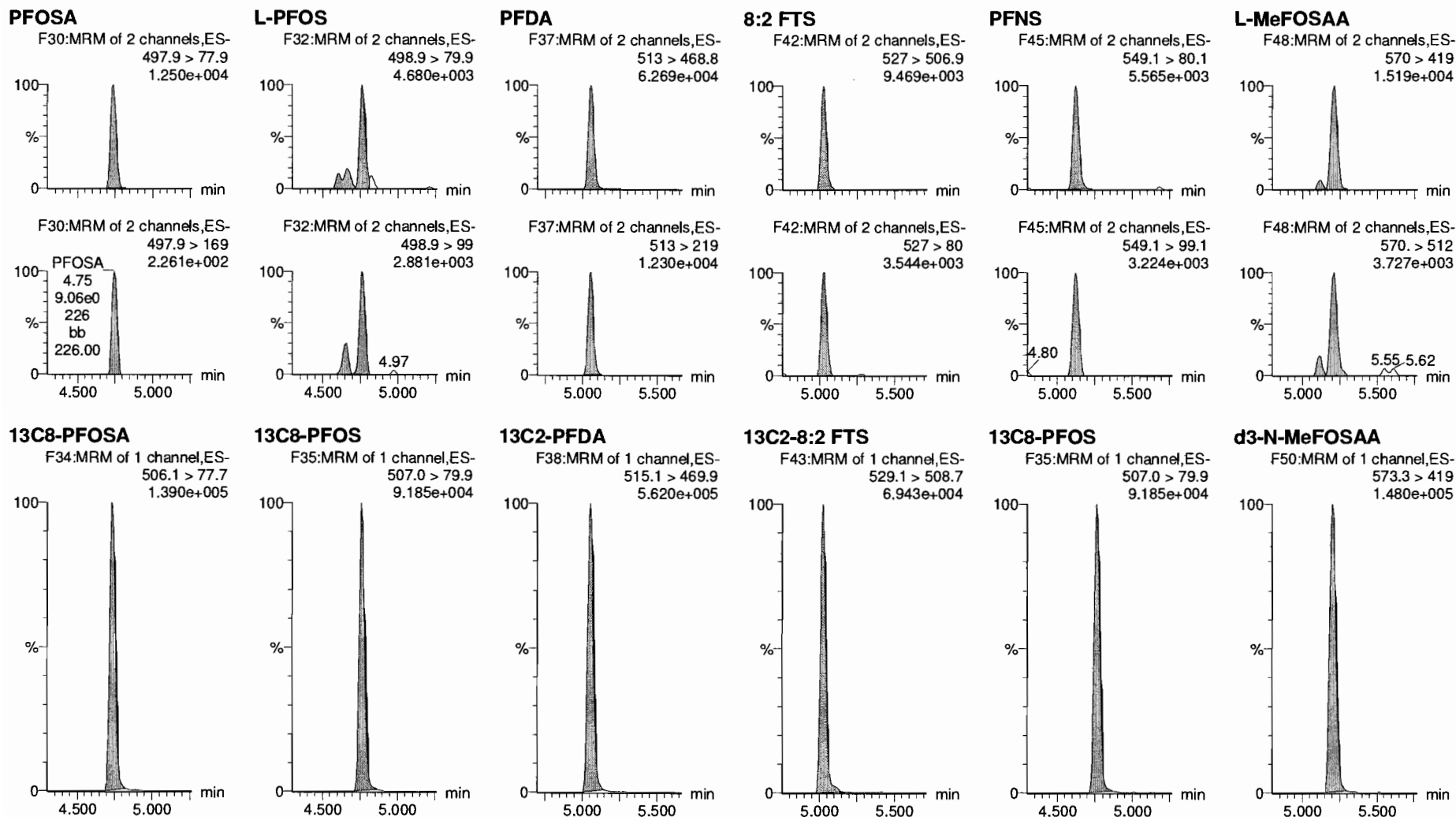
Name: 180913M1_2, Date: 13-Sep-2018, Time: 09:23:22, ID: ST180913M1-1 PFC CS0 18I0614, Description: PFC CS0 18I0614



Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-2.qld

Last Altered: Thursday, September 13, 2018 09:36:18 Pacific Daylight Time
Printed: Thursday, September 13, 2018 09:36:31 Pacific Daylight Time

Name: 180913M1_2, Date: 13-Sep-2018, Time: 09:23:22, ID: ST180913M1-1 PFC CS0 18I0614, Description: PFC CS0 18I0614

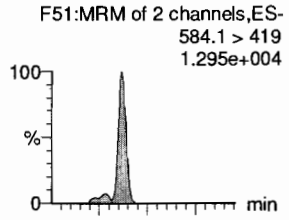


Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-2.qld

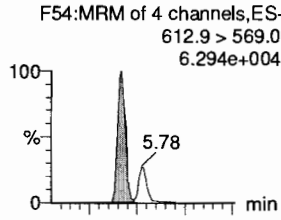
Last Altered: Thursday, September 13, 2018 09:36:18 Pacific Daylight Time
Printed: Thursday, September 13, 2018 09:36:31 Pacific Daylight Time

Name: 180913M1_2, Date: 13-Sep-2018, Time: 09:23:22, ID: ST180913M1-1 PFC CS0 18I0614, Description: PFC CS0 18I0614

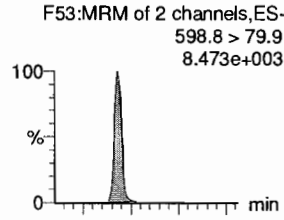
L-EtFOSAA



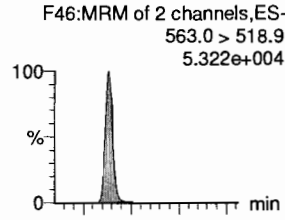
PFDoA



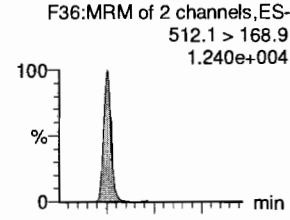
PFDS



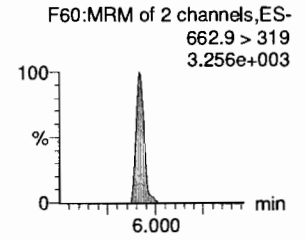
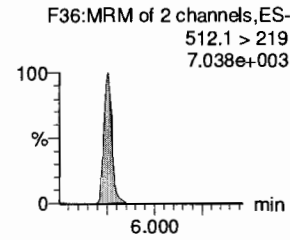
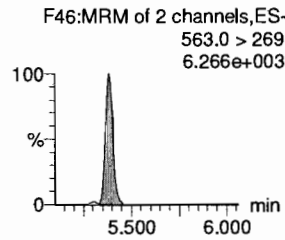
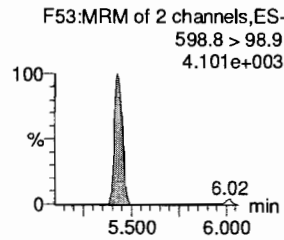
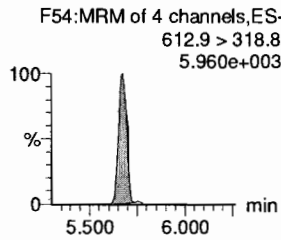
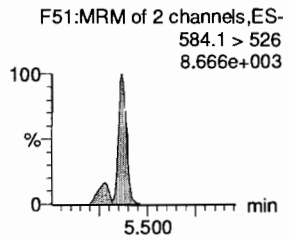
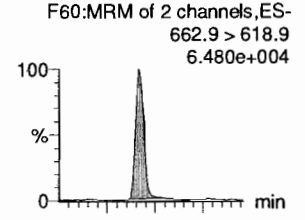
PFUdA



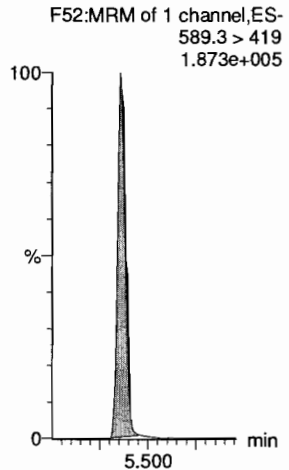
N-MeFOSA



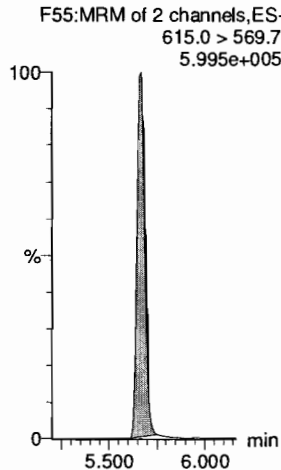
PFTrDA



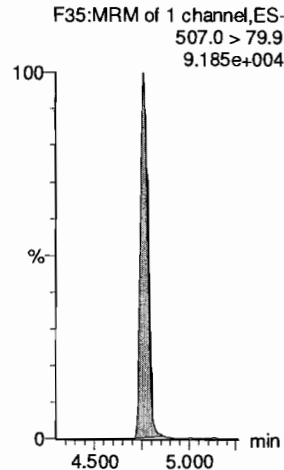
d5-N-EtFOSAA



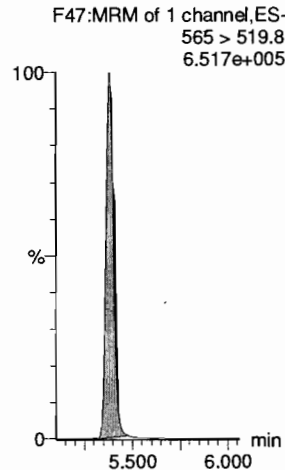
13C2-PFDoA



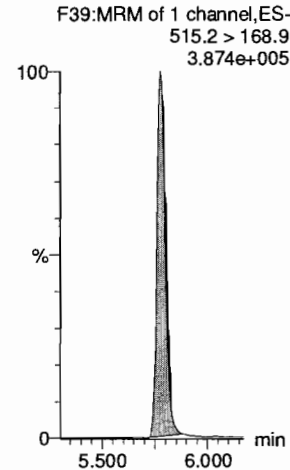
13C8-PFOS



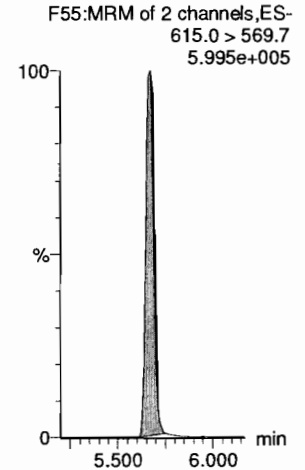
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA

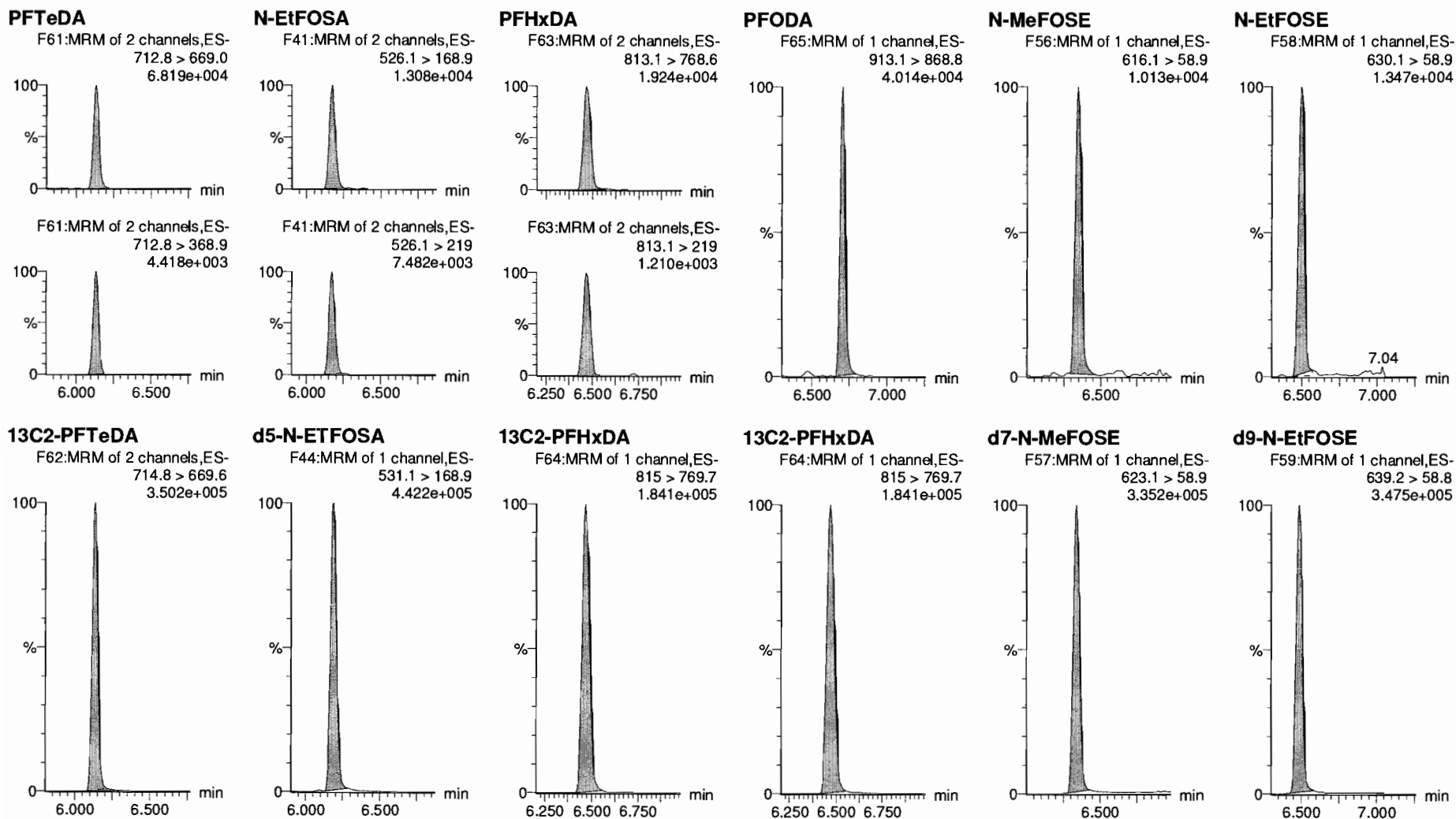


Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-2.qld

Last Altered: Thursday, September 13, 2018 09:36:18 Pacific Daylight Time

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Name: 180913M1_2, Date: 13-Sep-2018, Time: 09:23:22, ID: ST180913M1-1 PFC CS0 18I0614, Description: PFC CS0 18I0614

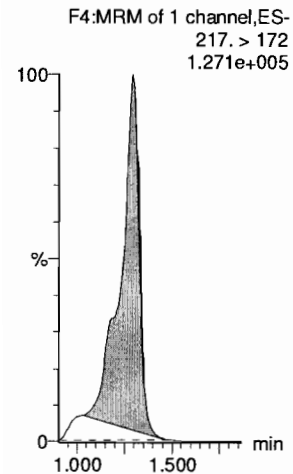


Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-2.qld

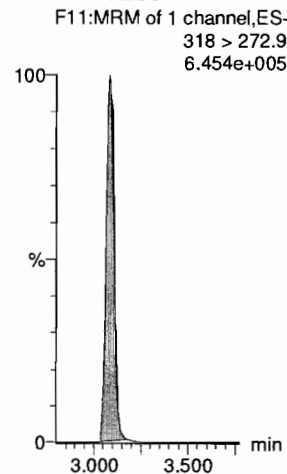
Last Altered: Thursday, September 13, 2018 09:36:18 Pacific Daylight Time
Printed: Thursday, September 13, 2018 09:36:31 Pacific Daylight Time

Name: 180913M1_2, Date: 13-Sep-2018, Time: 09:23:22, ID: ST180913M1-1 PFC CS0 18I0614, Description: PFC CS0 18I0614

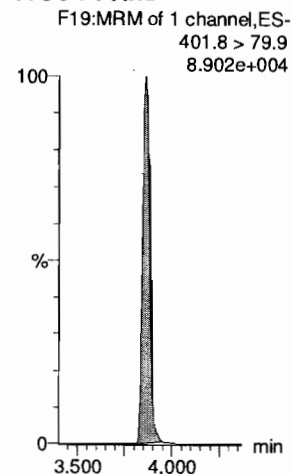
13C4-PFBA



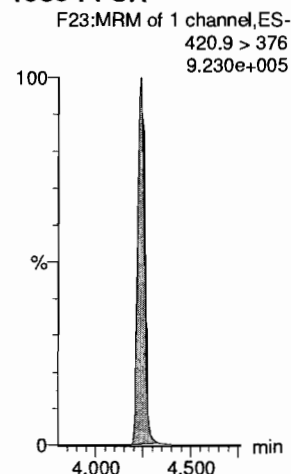
13C5-PFHxA



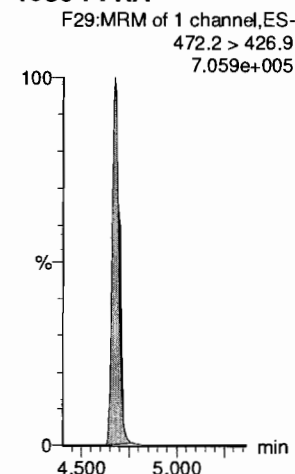
13C3-PFHxS



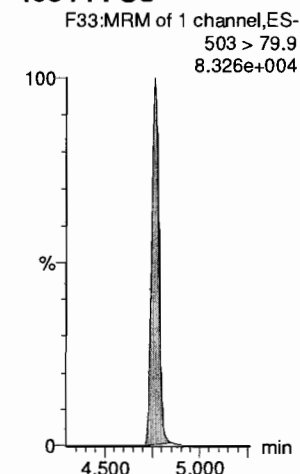
13C8-PFOA



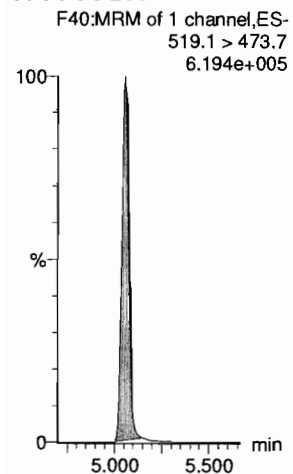
13C9-PFNA



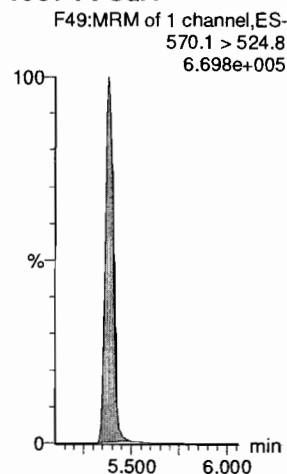
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\180913M1\180913M1-22.qld

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Printed: Thursday, September 13, 2018 13:13:36 Pacific Daylight Time

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Name: 180913M1_22, Date: 13-Sep-2018, Time: 12:55:20, ID: ST180913M1-2 PFC CS3 1810617, Description: PFC CS3 1810617

#	Name	Trace	Area	IS Area	w/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	11794.086	12824.131	1.00	1.29	11.496	9.8	98.4	NO		
2	2 PFPeA	263.1 > 218.9	15156.544	20297.947	1.00	2.29	9.334	10.0	99.7	NO		
3	3 PFBS	299.0 > 79.7	3374.541	2377.612	1.00	2.58	17.741	10.0	100.1	NO	2.613	NO
4	4 4:2 FTS	327.2>307.2	4531.169	4293.502	1.00	2.99	13.192	10.5	105.1	NO	1.775	NO
5	5 PFHxA	313 > 269	26542.480	13455.096	1.00	3.08	9.863	9.5	94.6	NO	15.110	NO
6	6 PFPeS	349.1>80.1	3213.465	2377.612	1.00	3.29	16.894	10.0	100.4	NO	1.642	NO
7	36 13C3-PFBA	216.1 > 171.8	12824.131	17030.563	1.00	1.29	9.413	12.4	99.0	NO		
8	37 13C3-PFPeA	266. > 221.8	20297.947	37581.668	1.00	2.29	6.751	12.3	98.3	NO		
9	38 13C3-PFBS	302. > 98.8	2377.612	4521.206	1.00	2.58	6.574	12.3	98.5	NO		
10	39 13C2-4:2 FTS	329.2>308.9	4293.502	4521.206	1.00	2.99	11.870	11.7	93.8	NO		
11	40 13C2-PFHxA	315 > 270	13455.096	37581.668	1.00	3.08	4.475	5.1	101.2	NO		
12	38 13C3-PFBS	302. > 98.8	2377.612	4521.206	1.00	2.58	6.574	12.3	98.5	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	5391.950	4368.352	1.00	4.18	15.429	10.5	104.7	NO	3.304	NO
15	7 PFHpA	363.0 > 318.9	16688.457	17917.395	1.00	3.70	11.643	9.8	98.3	NO	11.142	NO
16	8 L-PFHxS	398.9 > 79.6	2812.167	2027.851	1.00	3.86	17.335	9.8	98.3	NO	1.765	NO
17	11 L-PFOA	412.8 > 368.9	36508.867	30708.205	1.00	4.23	14.861	10.0	100.1	NO	3.530	NO
18	13 PFHpS	449 > 80.0	3412.719	5007.324	1.00	4.35	8.519	10.1	100.5	NO	1.710	NO
19	14 PFNA	463.0 > 418.8	28791.834	32733.168	1.00	4.67	10.995	9.9	98.9	NO	4.048	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	4368.352	4712.937	1.00	4.18	11.586	12.1	96.7	NO		
21	41 13C4-PFHpA	367.2 > 321.8	17917.395	37581.668	1.00	3.70	5.959	12.8	102.3	NO		
22	42 18O2-PFHxS	403.0 > 102.6	2027.851	4521.206	1.00	3.86	5.606	11.9	95.0	NO		
23	44 13C2-PFOA	414.9 > 369.7	30708.205	47878.715	1.00	4.23	8.017	11.7	93.3	NO		
24	47 13C8-PFOS	507.0 > 79.9	5007.324	4712.937	1.00	4.76	13.281	12.6	100.6	NO		
25	45 13C5-PFNA	468.2 > 422.9	32733.168	33923.047	1.00	4.67	12.062	12.4	98.8	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	6591.710	7482.324	1.00	4.73	11.012	10.0	100.0	NO	29.819	YES
28	16 L-PFOS	498.9 > 79.9	4105.606	5007.324	1.00	4.76	10.249	9.9	99.2	NO	1.936	NO
29	18 PFDA	513 > 468.8	32629.145	29150.297	1.00	5.05	13.992	10.0	100.1	NO	5.492	NO
30	19 8:2 FTS	527 > 506.9	4040.324	3366.283	1.00	5.02	15.003	11.6	116.0	NO	2.260	NO
31	20 PFNS	549.1 > 80.1	3265.192	5007.324	1.00	5.12	8.151	9.7	97.2	NO	1.690	NO
32	21 L-MeFOSAA	570 > 419	10567.714	8300.622	1.00	5.20	15.914	9.7	96.7	NO	2.663	NO
33	46 13C8-PFOSA	506.1 > 77.7	7482.324	40344.430	1.00	4.73	2.318	11.7	93.8	NO		
34	47 13C8-PFOS	507.0 > 79.9	5007.324	4712.937	1.00	4.76	13.281	12.6	100.6	NO		
35	48 13C2-PFDA	515.1 > 469.9	29150.297	36485.809	1.00	5.05	9.987	12.4	99.2	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	3366.283	4712.937	1.00	5.02	8.928	11.0	88.0	NO		

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Dataset: Z:\Projects\PFAS.PRO\Results\180913M1\180913M1-22.qld

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Name: 180913M1_22, Date: 13-Sep-2018, Time: 12:55:20, ID: ST180913M1-2 PFC CS3 18I0617, Description: PFC CS3 18I0617

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	47 13C8-PFOS	507.0 > 79.9	5007.324	4712.937	1.00	4.76	13.281	12.6	100.6	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	8300.622	40344.430	1.00	5.20	2.572	12.4	98.9	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	8982.064	10716.826	1.00	5.36	10.477	10.0	99.5	NO	1.446	NO
41	27 PFDoA	612.9 > 569.0	35325.168	34294.117	1.00	5.66	12.876	10.6	105.7	NO	8.600	NO
42	26 PFDS	598.8 > 79.9	4078.700	5007.324	1.00	5.43	10.182	9.7	96.9	NO	1.619	NO
43	25 PFUdA	563.0 > 518.9	26563.086	37036.121	1.00	5.37	8.965	9.4	94.1	NO	8.108	NO
44	28 N-MeFOSA	512.1 > 168.9	6897.188	20887.182	1.00	5.76	49.532	53.3	106.6	NO	1.584	NO
45	29 PFTrDA	662.9 > 618.9	36486.480	34294.117	1.00	5.91	13.299	10.3	103.4	NO	22.181	NO
46	52 d5-N-EtFOSAA	589.3 > 419	10716.826	40344.430	1.00	5.36	3.320	13.2	105.3	NO		
47	53 13C2-PFDoA	615.0 > 569.7	34294.117	36485.809	1.00	5.66	11.749	11.9	95.5	NO		
48	47 13C8-PFOS	507.0 > 79.9	5007.324	4712.937	1.00	4.76	13.281	12.6	100.6	NO		
49	51 13C2-PFUdA	565 > 519.8	37036.121	40344.430	1.00	5.37	11.475	12.4	99.3	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	20887.182	40344.430	1.00	5.78	6.472	139.9	93.3	NO		
51	53 13C2-PFDoA	615.0 > 569.7	34294.117	36485.809	1.00	5.66	11.749	11.9	95.5	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	35469.656	23064.477	1.00	6.12	19.223	10.2	102.1	NO	14.789	NO
54	31 N-EtFOSA	526.1 > 168.9	6902.439	24229.188	1.00	6.17	42.732	51.3	102.6	NO	1.668	NO
55	32 PFHxDA	813.1 > 768.6	13788.486	11974.317	1.00	6.46	5.758	9.8	98.4	NO	17.728	NO
56	33 PFODA	913.1 > 868.8	21378.514	11974.317	1.00	6.70	8.927	10.4	103.9	NO		
57	34 N-MeFOSE	616.1 > 58.9	6140.365	18862.512	1.00	6.35	48.830	53.7	107.4	NO		
58	35 N-EtFOSE	630.1 > 58.9	7170.541	18969.096	1.00	6.50	56.702	50.1	100.2	NO		
59	55 13C2-PFTeDA	714.8 > 669.6	23064.477	40344.430	1.00	6.12	7.146	12.5	99.6	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	24229.188	40344.430	1.00	6.19	7.507	143.9	96.0	NO		
61	57 13C2-PFHxDA	815 > 769.7	11974.317	40344.430	1.00	6.46	3.710	4.9	97.2	NO		
62	57 13C2-PFHxDA	815 > 769.7	11974.317	40344.430	1.00	6.46	3.710	4.9	97.2	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	18862.512	40344.430	1.00	6.34	5.844	128.9	86.0	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	18969.096	40344.430	1.00	6.49	5.877	134.0	89.4	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	17030.563	17030.563	1.00	1.29	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	37581.668	37581.668	1.00	3.08	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	4521.206	4521.206	1.00	3.86	12.500	12.5	100.0	NO		
69	63 13C8-PFOA	420.9 > 376	47878.715	47878.715	1.00	4.23	12.500	12.5	100.0	NO		
70	64 13C9-PFNA	472.2 > 426.9	33923.047	33923.047	1.00	4.67	12.500	12.5	100.0	NO		
71	65 13C4-PFOS	503 > 79.9	4712.937	4712.937	1.00	4.76	12.500	12.5	100.0	NO		
72	66 13C6-PFDA	519.1 > 473.7	36485.809	36485.809	1.00	5.05	12.500	12.5	100.0	NO		

Dataset: Z:\Projects\PFAS.PRO\Results\180913M1\180913M1-22.qld

Last Altered: Thursday, September 13, 2018 13:13:22 Pacific Daylight Time

Printed: Thursday, September 13, 2018 13:13:36 Pacific Daylight Time

Name: 180913M1_22, Date: 13-Sep-2018, Time: 12:55:20, ID: ST180913M1-2 PFC CS3 18I0617, Description: PFC CS3 18I0617

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery...	Ion Ratio	Ratio Out?
73	67 13C7-PFUdA	570.1 > 524.8	40344.430	40344.430	1.00	5.38	12.500	12.5	100.0		NO	

Dataset: Untitled

Last Altered: Thursday, September 13, 2018 13:15:27 Pacific Daylight Time

Printed: Thursday, September 13, 2018 13:16:11 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091318.mdb 13 Sep 2018 09:36:16
Calibration: Z:\Projects\PFAS.pro\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	180913M1_1	IPA	13-Sep-18	09:12:50
2	180913M1_2	ST180913M1-1 PFC CS0 18I0614	13-Sep-18	09:23:22
3	180913M1_3	IPA	13-Sep-18	09:34:01
4	180913M1_4	1802791-11 OF-RW02-MID01-0818 0.2...	13-Sep-18	09:44:37
5	180913M1_5	1802490-05@10X GW1808151305JAY ...	13-Sep-18	09:55:14
6	180913M1_6	1802490-07@10X GW1808141455JAY ...	13-Sep-18	10:05:52
7	180913M1_7	1802094-07@5X SA-MW1281-2018072...	13-Sep-18	10:16:25
8	180913M1_8	B8I0038-MSD1 Matrix Spike Dup 0.11034	13-Sep-18	10:27:03
9	180913M1_9	IPA	13-Sep-18	10:37:36
10	180913M1_10	1802847-07 GALP05818 0.10518	13-Sep-18	10:48:14
11	180913M1_11	IPA	13-Sep-18	10:58:46
12	180913M1_12	1802847-08 GALP04809 0.1082	13-Sep-18	11:09:25
13	180913M1_13	1802847-12 GALP04829 0.11315	13-Sep-18	11:19:57
14	180913M1_14	IPA	13-Sep-18	11:30:36
15	180913M1_15	1802847-13 GALP05810 0.10975	13-Sep-18	11:41:10
16	180913M1_16	IPA	13-Sep-18	11:51:48
17	180913M1_17	B8I0038-MS1@5X Matrix Spike 0.10997	13-Sep-18	12:02:20
18	180913M1_18	B8I0038-MSD1@5X Matrix Spike Dup 0...	13-Sep-18	12:12:58
19	180913M1_19	1802847-01@5X GALP04807 0.11545	13-Sep-18	12:23:31
20	180913M1_20	1802847-02@5X GALP05819 0.1076	13-Sep-18	12:34:09
21	180913M1_21	IPA	13-Sep-18	12:44:41
22	180913M1_22	ST180913M1-2 PFC CS3 18I0617	13-Sep-18	12:55:20

Dataset: Z:\Projects\PFAS.PRO\Results\180913M1\180913M1-22.qld

Last Altered: Thursday, September 13, 2018 13:13:22 Pacific Daylight Time

Printed: Thursday, September 13, 2018 13:13:36 Pacific Daylight Time

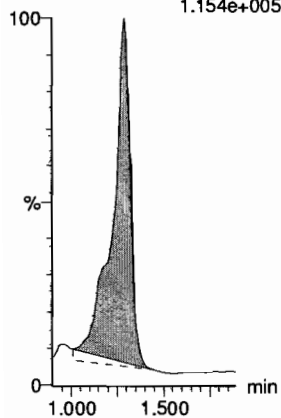
Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091318.mdb 13 Sep 2018 09:36:16

Calibration: Z:\Projects\PFAS.pro\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Name: 180913M1_22, Date: 13-Sep-2018, Time: 12:55:20, ID: ST180913M1-2 PFC CS3 18I0617, Description: PFC CS3 18I0617

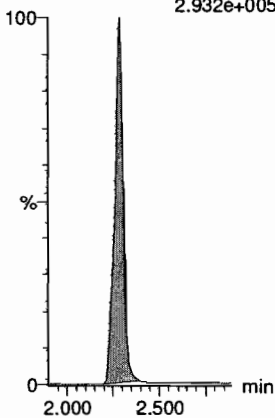
PFBA

F2:MRM of 1 channel,ES-
213.0 > 168.8
1.154e+005



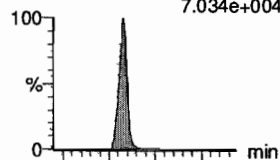
PFPeA

F5:MRM of 1 channel,ES-
263.1 > 218.9
2.932e+005

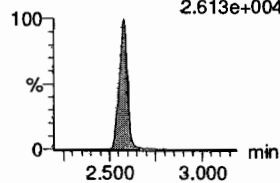


PFBS

F7:MRM of 2 channels,ES-
299.0 > 79.7
7.034e+004

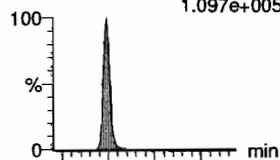


F7:MRM of 2 channels,ES-
299.0 > 99.0
2.613e+004

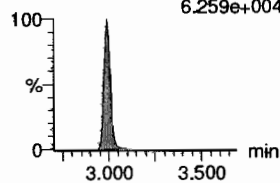


4:2 FTS

F12:MRM of 2 channels,ES-
327.2 > 307.2
1.097e+005

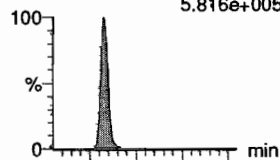


F12:MRM of 2 channels,ES-
327.2 > 81.1
6.259e+004

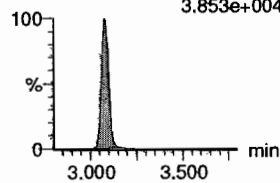


PFHxA

F9:MRM of 2 channels,ES-
313 > 269
5.816e+005

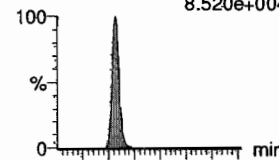


F9:MRM of 2 channels,ES-
313 > 118.9
3.853e+004

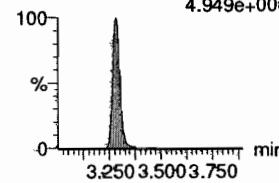


PFPeS

F15:MRM of 2 channels,ES-
349.1 > 80.1
8.520e+004

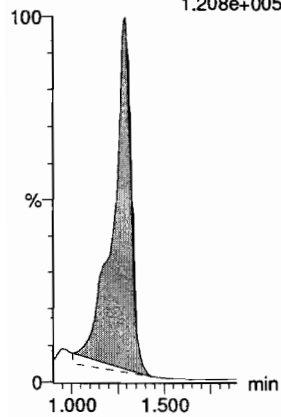


F15:MRM of 2 channels,ES-
349.1 > 99
4.949e+004



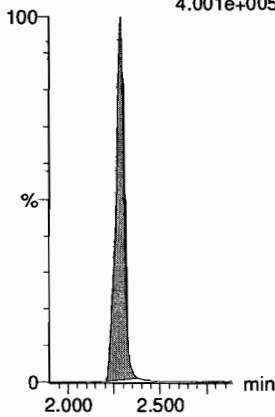
13C3-PFBA

F3:MRM of 1 channel,ES-
216.1 > 171.8
1.208e+005



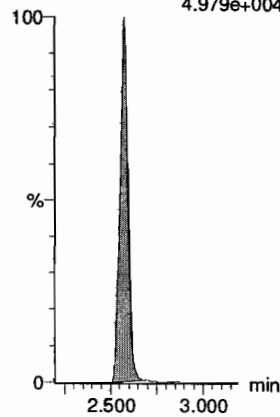
13C3-PFPeA

F6:MRM of 1 channel,ES-
266. > 221.8
4.001e+005



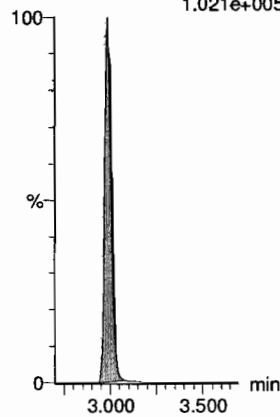
13C3-PFBS

F8:MRM of 1 channel,ES-
302. > 98.8
4.979e+004



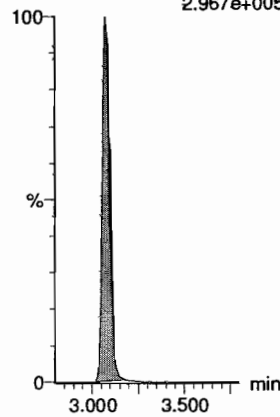
13C2-4:2 FTS

F13:MRM of 1 channel,ES-
329.2 > 308.9
1.021e+005



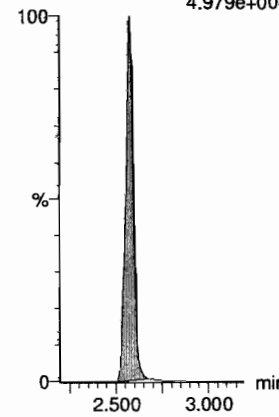
13C2-PFHxA

F10:MRM of 1 channel,ES-
315 > 270
2.967e+005



13C3-PFBS

F8:MRM of 1 channel,ES-
302. > 98.8
4.979e+004

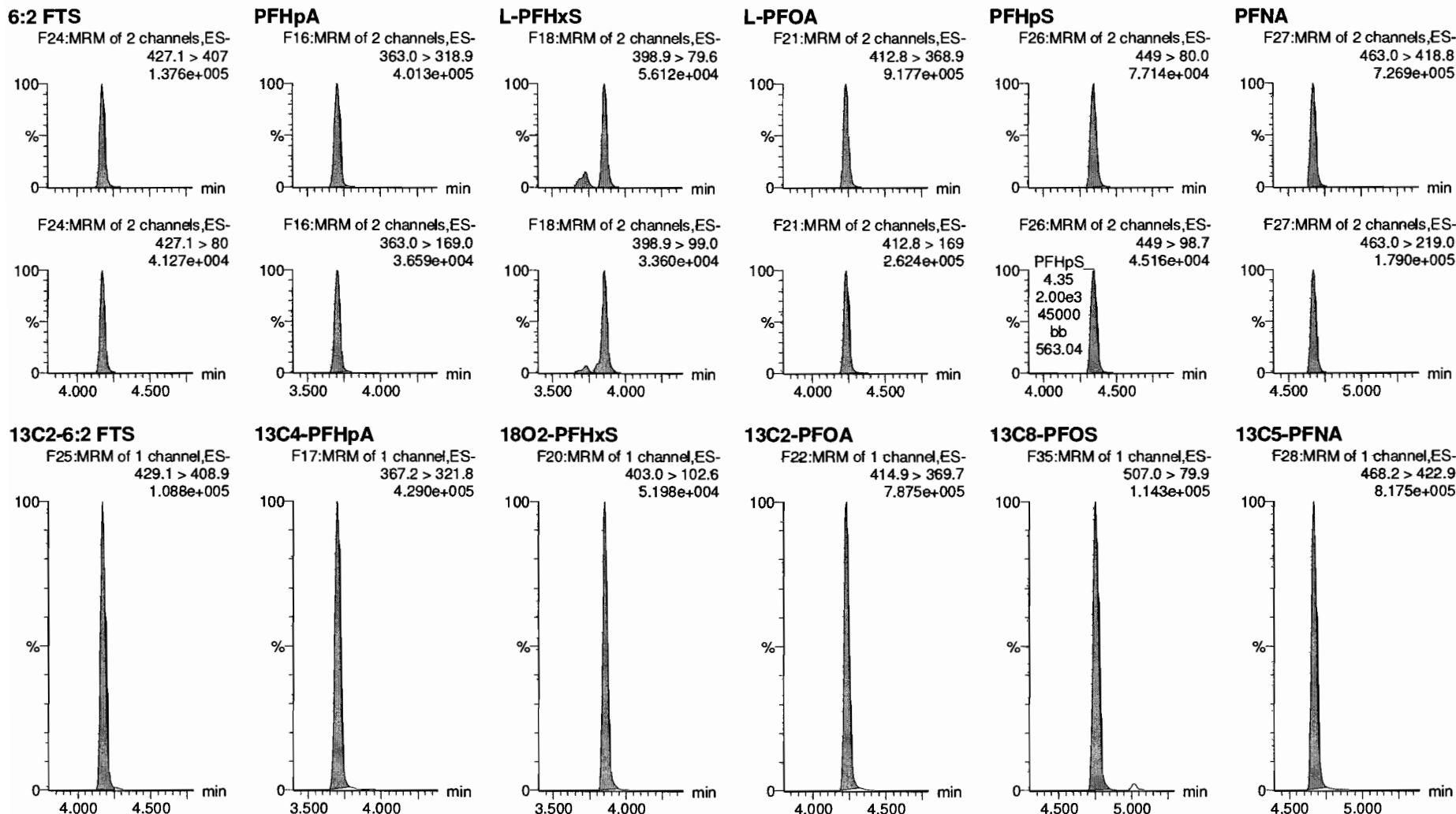


Dataset: Z:\Projects\PFAS.PRO\Results\180913M1\180913M1-22.qld

Last Altered: Thursday, September 13, 2018 13:13:22 Pacific Daylight Time

Printed: Thursday, September 13, 2018 13:13:36 Pacific Daylight Time

Name: 180913M1_22, Date: 13-Sep-2018, Time: 12:55:20, ID: ST180913M1-2 PFC CS3 1810617, Description: PFC CS3 1810617

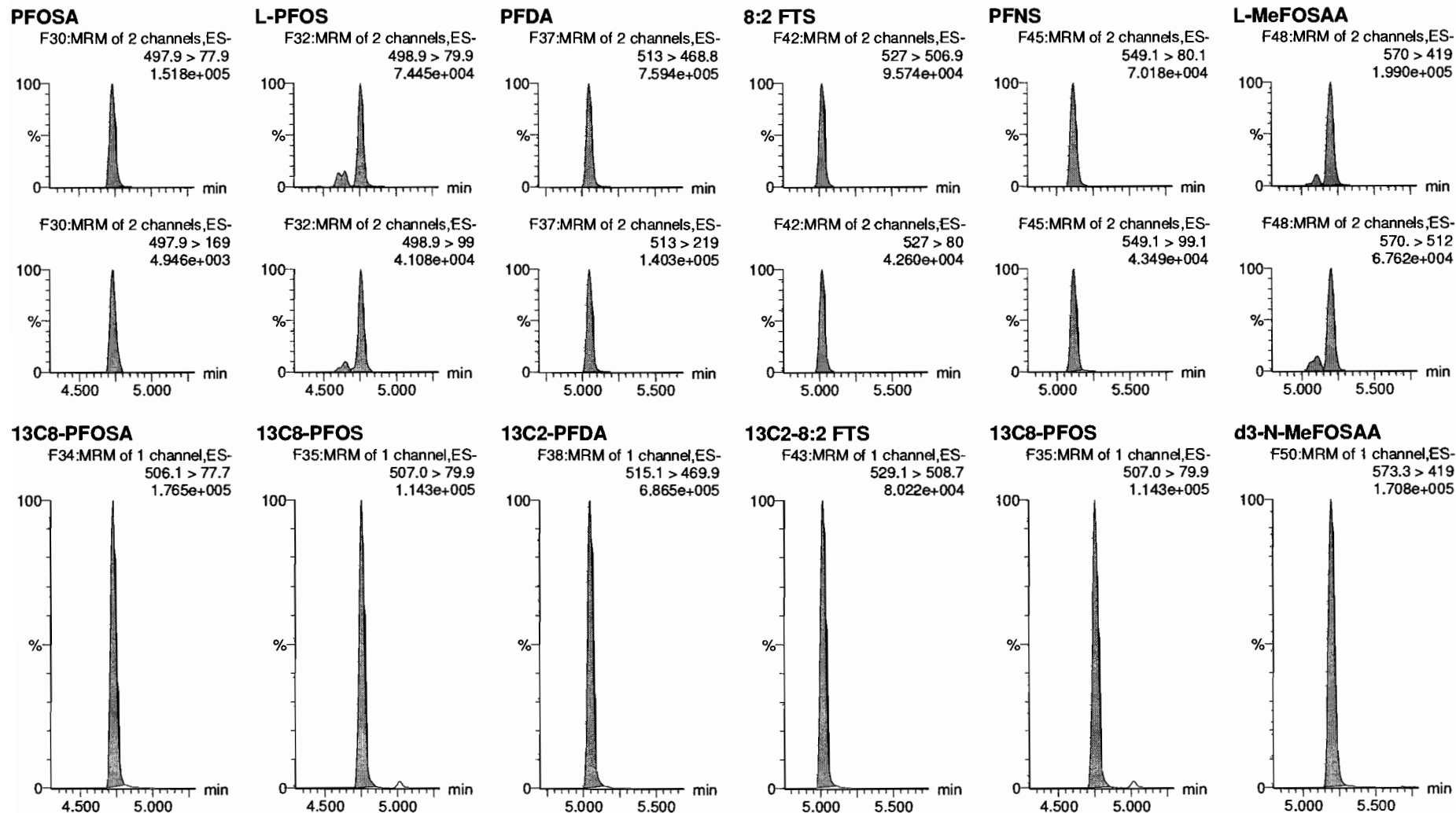


Dataset: Z:\Projects\PFAS.PRO\Results\180913M1\180913M1-22.qld

Last Altered: Thursday, September 13, 2018 13:13:22 Pacific Daylight Time

Printed: Thursday, September 13, 2018 13:13:36 Pacific Daylight Time

Name: 180913M1_22, Date: 13-Sep-2018, Time: 12:55:20, ID: ST180913M1-2 PFC CS3 1810617, Description: PFC CS3 1810617



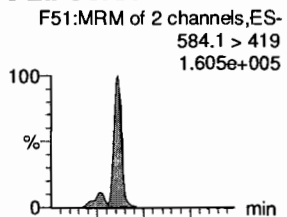
Dataset: Z:\Projects\PFAS.PRO\Results\180913M1\180913M1-22.qld

Last Altered: Thursday, September 13, 2018 13:13:22 Pacific Daylight Time

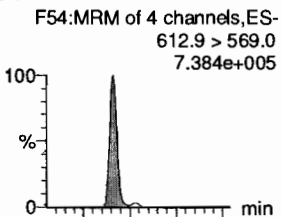
Printed: Thursday, September 13, 2018 13:13:36 Pacific Daylight Time

Name: 180913M1_22, Date: 13-Sep-2018, Time: 12:55:20, ID: ST180913M1-2 PFC CS3 1810617, Description: PFC CS3 1810617

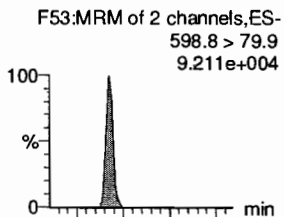
L-EtFOSAA



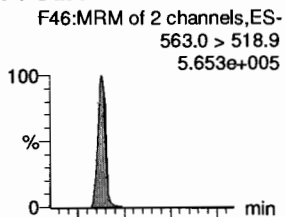
PFDoA



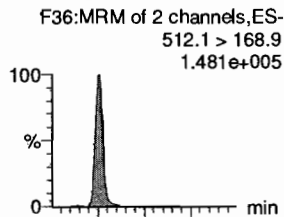
PFDS



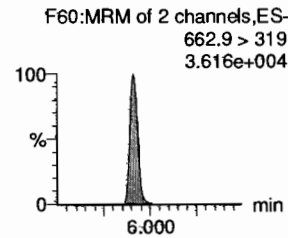
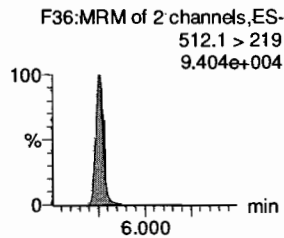
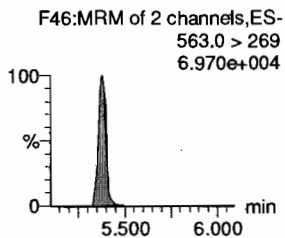
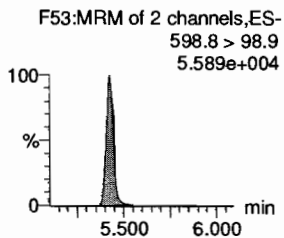
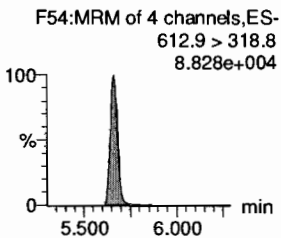
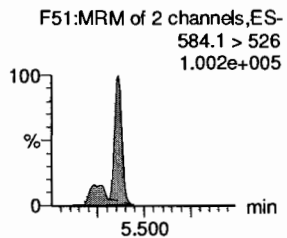
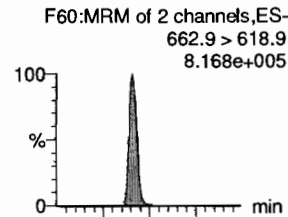
PFUdA



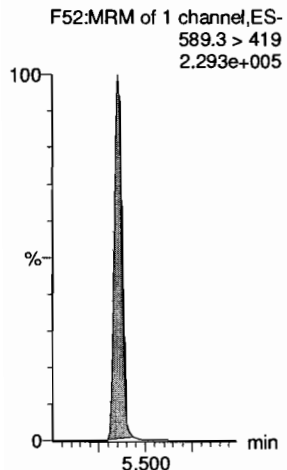
N-MeFOSA



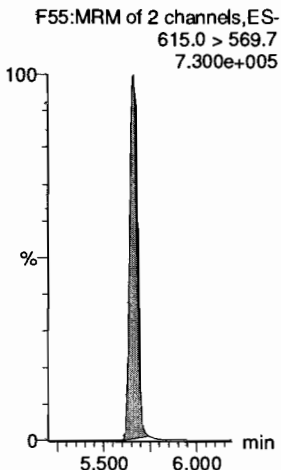
PFTrDA



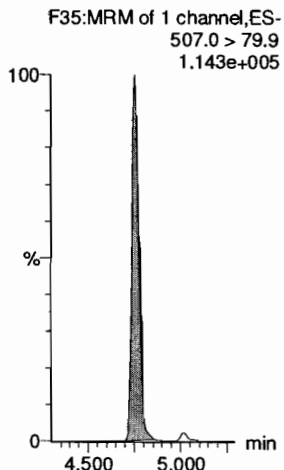
d5-N-EtFOSAA



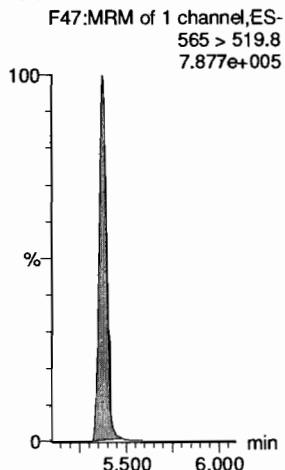
13C2-PFDoA



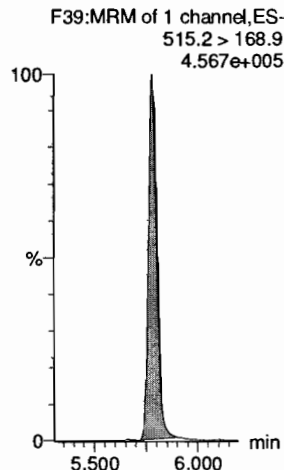
13C8-PFOS



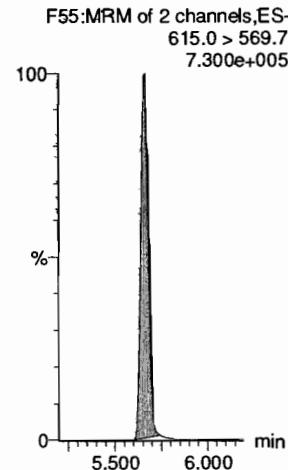
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA

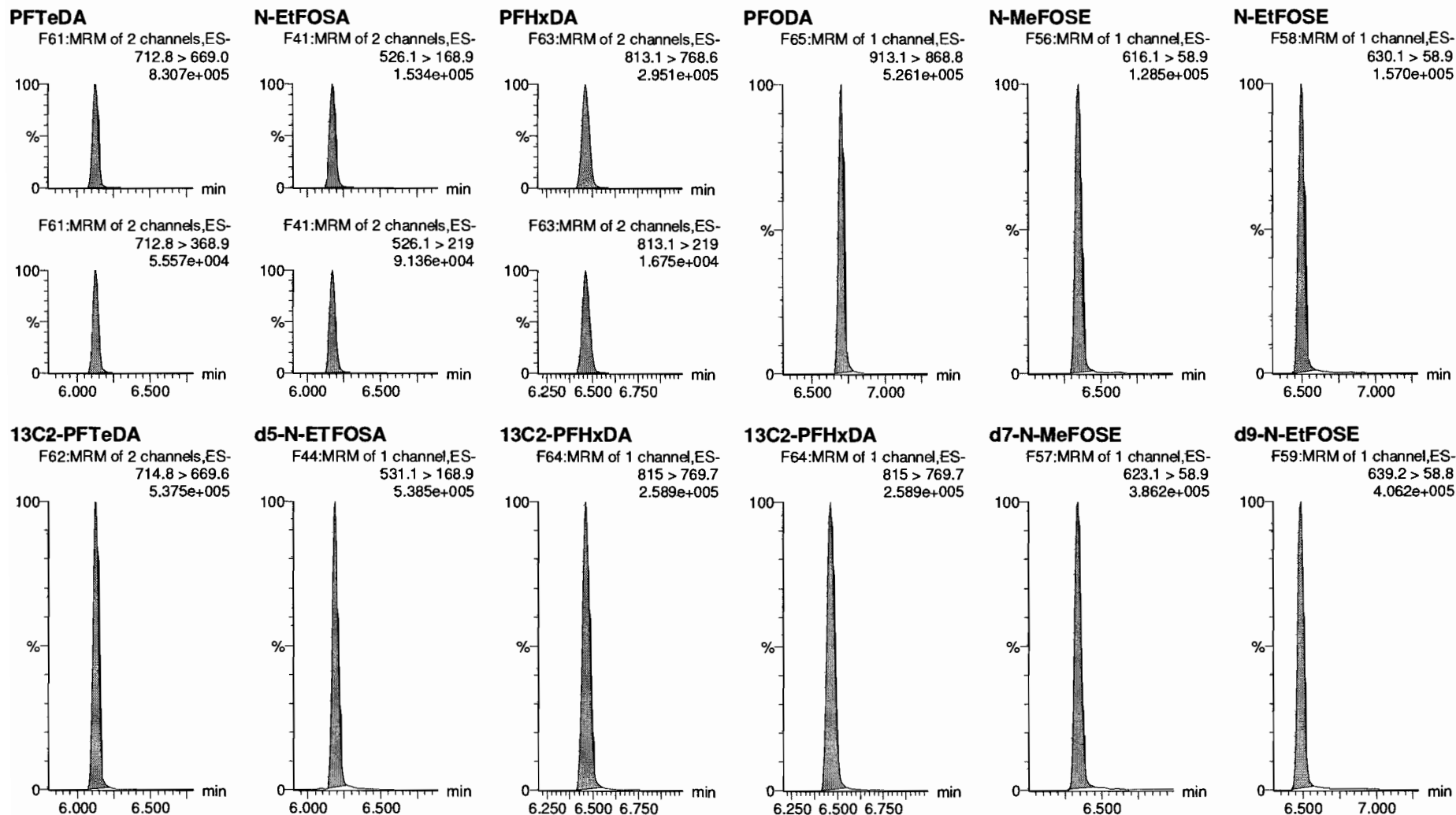


Dataset: Z:\Projects\PFAS.PRO\Results\180913M1\180913M1-22.qld

Last Altered: Thursday, September 13, 2018 13:13:22 Pacific Daylight Time

Printed: Thursday, September 13, 2018 13:13:36 Pacific Daylight Time

Name: 180913M1_22, Date: 13-Sep-2018, Time: 12:55:20, ID: ST180913M1-2 PFC CS3 1810617, Description: PFC CS3 1810617

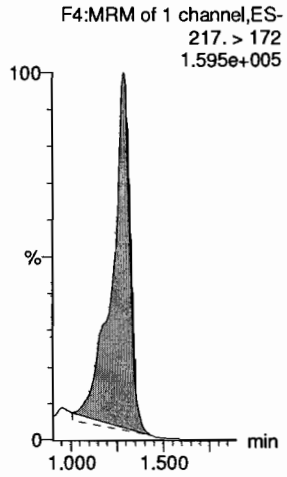


Dataset: Z:\Projects\PFAS.PRO\Results\180913M1\180913M1-22.qld

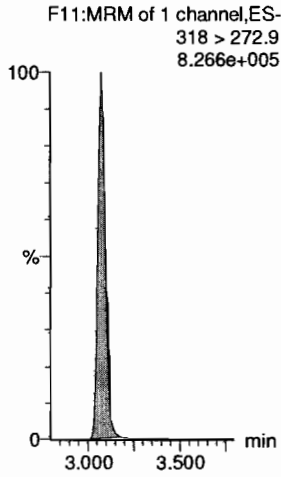
Last Altered: Thursday, September 13, 2018 13:13:22 Pacific Daylight Time
Printed: Thursday, September 13, 2018 13:13:36 Pacific Daylight Time

Name: 180913M1_22, Date: 13-Sep-2018, Time: 12:55:20, ID: ST180913M1-2 PFC CS3 18I0617, Description: PFC CS3 18I0617

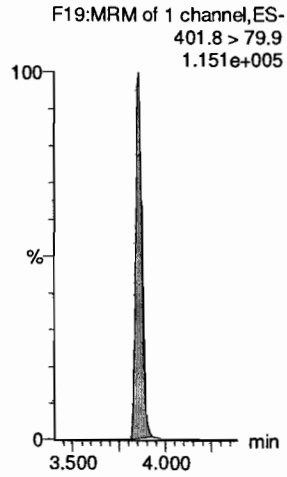
13C4-PFBA



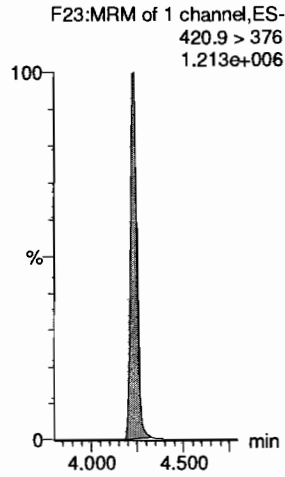
13C5-PFHxA



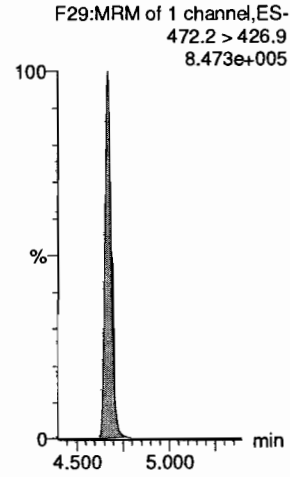
13C3-PFHxS



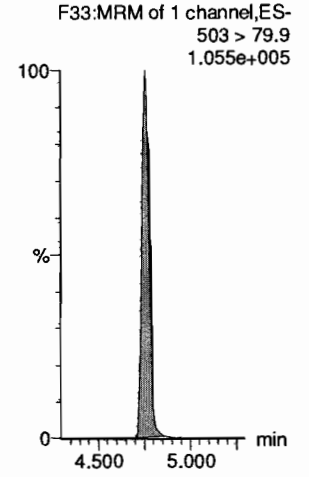
13C8-PFOA



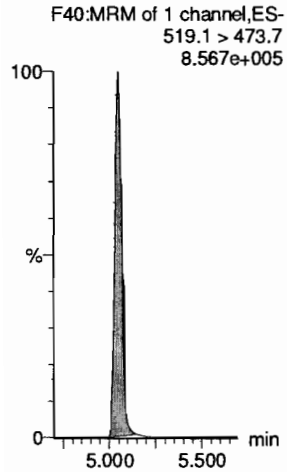
13C9-PFNA



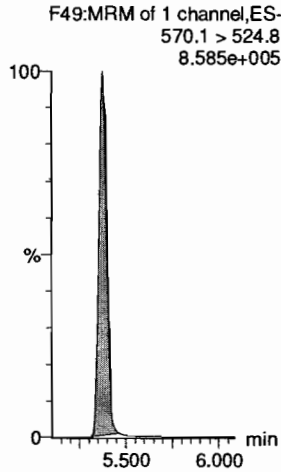
13C4-PFOS



13C6-PFDA



13C7-PFUDA



INITIAL CALIBRATION (ICAL)
INCLUDING ASSOCIATED
INITIAL CALIBRATION VERIFICATION (ICV) AND INSTRUMENT BLANK (IB)

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

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low pt
 PFHs = 0.5
 PFS ↓

high pt
 4.2 FTS = 100
 0.2 FTS ↓
 0.2 FTS ↓
 METSA = 1250
 ETOSE ↓
 METSE ↓

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:06:13

Compound name: PFBA

Correlation coefficient: $r = 0.999319$, $r^2 = 0.998638$

Calibration curve: $1.15617 * x + 0.0148209$

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

AM 8/26/18
JAL 8/26/18

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	1.28	498.523	19998.494	0.312	0.3	2.7	NO	0.999	NO	MM
2	2 180825M1_3	Standard	0.500	1.28	993.053	19121.814	0.649	0.5	9.7	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	1.28	2010.485	20743.502	1.212	1.0	3.5	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	1.28	3900.082	20247.439	2.408	2.1	3.5	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	1.28	9714.935	21226.176	5.721	4.9	-1.3	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	1.28	18065.840	20688.775	10.915	9.4	-5.7	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	1.28	81432.570	18940.324	53.743	46.5	-7.1	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	1.28	167238.906	19769.238	105.744	91.4	-8.6	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	1.29	432480.313	18441.494	293.143	253.5	1.4	NO	0.999	NO	MM
10	10 180825M1_11	Standard	500.000	1.28	779716.438	16560.721	588.528	509.0	1.8	NO	0.999	NO	MM

Compound name: PFPeA

Coefficient of Determination: $R^2 = 0.999514$

Calibration curve: $0.000144741 * x^2 + 0.948444 * x + 0.0666422$

Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	2.28	706.508	33241.895	0.266	0.2	-16.1	NO	1.000	NO	bb
2	2 180825M1_3	Standard	0.500	2.28	1439.382	33132.469	0.543	0.5	0.5	NO	1.000	NO	bb
3	3 180825M1_4	Standard	1.000	2.28	2966.342	33816.434	1.096	1.1	8.6	NO	1.000	NO	bb
4	4 180825M1_5	Standard	2.000	2.28	5685.534	33820.297	2.101	2.1	7.2	NO	1.000	NO	bb
5	5 180825M1_6	Standard	5.000	2.28	13626.754	34084.293	4.997	5.2	3.9	NO	1.000	NO	bb
6	6 180825M1_7	Standard	10.000	2.28	25305.291	33216.926	9.523	10.0	-0.5	NO	1.000	NO	bb
7	7 180825M1_8	Standard	50.000	2.28	113730.617	30300.207	46.918	49.0	-1.9	NO	1.000	NO	bb
8	8 180825M1_9	Standard	100.000	2.28	224089.969	30324.652	92.371	95.9	-4.1	NO	1.000	NO	bb
9	9 180825M1_10	Standard	250.000	2.28	528846.063	26063.240	253.636	257.3	2.9	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

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Compound name: PFPeA

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
10	10 180825M1_11	Standard	500.000	2.28	917119.000	22582.154	507.657	497.4	-0.5	NO	1.000	NO	bb

Compound name: PFBS

Coefficient of Determination: R^2 = 0.998993

Calibration curve: $5.3431e-005 * x^2 + 1.98654 * x + 0.0349718$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	2.58	138.636	3445.955	0.503	0.2	-5.8	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	2.58	287.574	3325.544	1.081	0.5	5.3	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	2.58	586.660	3526.256	2.080	1.0	2.9	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	2.58	1245.471	3545.528	4.391	2.2	9.6	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	2.58	2852.311	3608.568	9.880	5.0	-0.9	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	2.58	5206.163	3473.203	18.737	9.4	-5.9	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	2.58	23256.766	3076.623	94.490	47.5	-5.0	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	2.58	45921.977	3000.121	191.334	96.0	-4.0	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	2.58	105584.031	2522.638	523.183	261.5	4.6	NO	0.999	NO	bb
10	10 180825M1_11	Standard	500.000	2.58	175025.063	2194.008	997.177	495.3	-0.9	NO	0.999	NO	bb

Compound name: 4:2 FTS

Coefficient of Determination: R^2 = 0.999180

Calibration curve: $-0.00270822 * x^2 + 0.96845 * x + 0.0731081$

Response type: Internal Std (Ref 39), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	2.99	162.814	7030.892	0.289	0.2	-10.6	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	2.99	293.646	6825.006	0.538	0.5	-3.9	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	2.99	618.293	7060.958	1.095	1.1	5.8	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	2.99	1167.394	7267.745	2.008	2.0	0.5	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	2.99	2976.674	7199.572	5.168	5.3	6.8	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	3.00	5559.370	7058.676	9.845	10.4	3.9	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	2.99	22965.262	7099.831	40.433	48.2	-3.7	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

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Compound name: 4:2 FTS

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
8	8 180825M1_9	Standard	100.000	3.00	43656.383	7748.221	70.430	101.4	1.4	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	2.99	99972.266	9688.219	128.987			NO	0.999	NO	bbXI
10	10 180825M1_11	Standard	500.000	2.99	164789.156	12578.926	163.755			NO	0.999	NO	bbXI

Compound name: PFHxA

Coefficient of Determination: R² = 0.999220

Calibration curve: 7.04522e-007 * x² + 0.935981 * x + 0.0590134

Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	3.08	1159.871	19681.047	0.295	0.3	0.7	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	3.08	2235.754	20132.121	0.555	0.5	6.0	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	3.08	4192.854	20221.125	1.037	1.0	4.5	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	3.08	8575.724	20311.969	2.111	2.2	9.6	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	3.08	20766.766	20414.045	5.086	5.4	7.4	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	3.08	38249.688	20135.582	9.498	10.1	0.8	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	3.08	169203.000	18232.393	46.402	49.5	-1.0	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	3.08	323459.406	18311.459	88.322	94.3	-5.7	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	3.08	769288.250	15886.112	242.126	258.6	3.4	NO	0.999	NO	bb
10	10 180825M1_11	Standard	500.000	3.08	1318673.500	14169.531	465.320	496.9	-0.6	NO	0.999	NO	bb

Compound name: PFPeS

Coefficient of Determination: R² = 0.998782

Calibration curve: -0.000202992 * x² + 1.67569 * x + 0.00949485

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	3.29	111.551	3445.955	0.405	0.2	-5.7	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	3.29	254.572	3325.544	0.957	0.6	13.1	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	3.29	462.679	3526.256	1.640	1.0	-2.7	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	3.29	971.947	3545.528	3.427	2.0	2.0	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	3.29	2482.927	3608.568	8.601	5.1	2.6	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

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Compound name: PFPeS

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
6	6 180825M1_7	Standard	10.000	3.29	4522.721	3473.203	16.277	9.7	-2.8	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	3.29	19123.164	3076.623	77.695	46.6	-6.8	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	3.29	38251.305	3000.121	159.374	96.2	-3.8	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	3.29	86064.039	2522.638	426.459	262.9	5.1	NO	0.999	NO	bb
10	10 180825M1_11	Standard	500.000	3.29	136695.031	2194.008	778.797	494.4	-1.1	NO	0.999	NO	bb

Compound name: PFHpA

Correlation coefficient: $r = 0.999254$, $r^2 = 0.998508$

Calibration curve: $1.16602 * x + 0.0435023$

Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	3.71	845.398	30217.102	0.350	0.3	5.0	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	3.71	1531.537	31227.330	0.613	0.5	-2.3	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	3.71	3141.561	31544.527	1.245	1.0	3.0	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	3.71	6175.638	30114.398	2.563	2.2	8.1	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	3.71	15308.022	32710.547	5.850	5.0	-0.4	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	3.71	27748.225	31084.766	11.158	9.5	-4.7	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	3.71	120191.141	28118.541	53.431	45.8	-8.4	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	3.71	240185.406	27042.039	111.024	95.2	-4.8	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	3.71	553712.875	22547.932	306.964	263.2	5.3	NO	0.999	NO	bb
10	10 180825M1_11	Standard	500.000	3.71	930074.563	20095.918	578.522	496.1	-0.8	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

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Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.997546$

Calibration curve: $0.000151543 * x^2 + 1.72502 * x + 0.0135457$

Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	3.86	109.376	3102.036	0.441	0.2	-0.9	NO	0.998	NO	MM
2	2 180825M1_3	Standard	0.500	3.87	229.995	3141.342	0.915	0.5	4.5	NO	0.998	NO	MM
3	3 180825M1_4	Standard	1.000	3.87	463.658	3120.820	1.857	1.1	6.9	NO	0.998	NO	MM
4	4 180825M1_5	Standard	2.000	3.87	910.644	3185.468	3.573	2.1	3.2	NO	0.998	NO	MM
5	5 180825M1_6	Standard	5.000	3.87	2271.839	3109.469	9.133	5.3	5.7	NO	0.998	NO	MM
6	6 180825M1_7	Standard	10.000	3.87	4032.693	3125.250	16.129	9.3	-6.7	NO	0.998	NO	MM
7	7 180825M1_8	Standard	50.000	3.87	18615.553	2958.997	78.640	45.4	-9.2	NO	0.998	NO	MM
8	8 180825M1_9	Standard	100.000	3.87	36102.594	2761.479	163.421	94.0	-6.0	NO	0.998	NO	MM
9	9 180825M1_10	Standard	250.000	3.87	86937.133	2298.064	472.882	267.8	7.1	NO	0.998	NO	MM
10	10 180825M1_11	Standard	500.000	3.87	147014.813	2071.147	887.279	493.0	-1.4	NO	0.998	NO	MM

Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.999439$

Calibration curve: $-0.00252762 * x^2 + 1.02117 * x + 0.0388615$

Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	4.19	163.684	7189.710	0.285	0.2	-3.7	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	4.19	307.961	7035.296	0.547	0.5	-0.3	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	4.19	641.179	7162.068	1.119	1.1	6.1	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	4.19	1329.304	7177.481	2.315	2.2	12.1	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	4.19	3135.117	7612.021	5.148	5.1	1.3	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	4.19	5521.619	6807.340	10.139	10.1	1.5	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	4.19	25557.170	7290.515	43.819	48.8	-2.5	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	4.19	49405.223	7985.438	77.336	100.9	0.9	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	4.19	110329.391	10623.472	129.818			NO	0.999	NO	bbXI
10	10 180825M1_11	Standard	500.000	4.19	188112.328	13926.469	168.844			NO	0.999	NO	bbXI

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Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.999409$

Calibration curve: $0.000181142 * x^2 + 1.22455 * x + 0.13836$

Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	4.24	1655.802	49274.074	0.420	0.2	-8.0	NO	0.999	NO	MM
2	2 180825M1_3	Standard	0.500	4.24	2719.329	47775.039	0.711	0.5	-6.4	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	4.24	5381.616	48304.207	1.393	1.0	2.4	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	4.24	11037.771	49751.418	2.773	2.2	7.6	NO	0.999	NO	MM
5	5 180825M1_6	Standard	5.000	4.24	25963.525	47976.961	6.765	5.4	8.1	NO	0.999	NO	MM
6	6 180825M1_7	Standard	10.000	4.24	48963.770	49232.746	12.432	10.0	0.2	NO	0.999	NO	MM
7	7 180825M1_8	Standard	50.000	4.24	206333.891	42489.840	60.701	49.1	-1.8	NO	0.999	NO	MM
8	8 180825M1_9	Standard	100.000	4.24	405206.813	42752.910	118.473	95.3	-4.7	NO	0.999	NO	MM
9	9 180825M1_10	Standard	250.000	4.24	985563.188	37587.918	327.753	257.7	3.1	NO	0.999	NO	MM
10	10 180825M1_11	Standard	500.000	4.24	1639501.500	31340.223	653.913	497.3	-0.5	NO	0.999	NO	MM

Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.999506$

Calibration curve: $0.000214586 * x^2 + 0.833847 * x + 0.0996653$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	4.36	103.223	7016.416	0.184	0.1	-59.6	YES	1.000	NO	bbX
2	2 180825M1_3	Standard	0.500	4.36	261.645	6898.175	0.474	0.4	-10.2	NO	1.000	NO	bb
3	3 180825M1_4	Standard	1.000	4.36	555.333	7486.159	0.927	1.0	-0.8	NO	1.000	NO	MM
4	4 180825M1_5	Standard	2.000	4.36	1109.280	7463.945	1.858	2.1	5.4	NO	1.000	NO	MM
5	5 180825M1_6	Standard	5.000	4.36	2780.482	7577.506	4.587	5.4	7.5	NO	1.000	NO	MM
6	6 180825M1_7	Standard	10.000	4.36	5128.155	7500.849	8.546	10.1	1.0	NO	1.000	NO	bb
7	7 180825M1_8	Standard	50.000	4.36	22114.824	6544.876	42.237	49.9	-0.2	NO	1.000	NO	bb
8	8 180825M1_9	Standard	100.000	4.36	42715.117	6561.887	81.370	95.1	-4.9	NO	1.000	NO	bb
9	9 180825M1_10	Standard	250.000	4.36	97705.367	5354.635	228.086	256.5	2.6	NO	1.000	NO	bb
10	10 180825M1_11	Standard	500.000	4.36	161565.219	4310.991	468.469	497.9	-0.4	NO	1.000	NO	bb

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Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999666$

Calibration curve: $0.0001028 * x^2 + 1.18741 * x + 0.0680712$

Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	4.69	1234.036	47429.898	0.325	0.2	-13.4	NO	1.000	NO	bb
2	2 180825M1_3	Standard	0.500	4.69	2583.160	47702.172	0.677	0.5	2.5	NO	1.000	NO	bb
3	3 180825M1_4	Standard	1.000	4.69	4830.482	47170.523	1.280	1.0	2.1	NO	1.000	NO	bb
4	4 180825M1_5	Standard	2.000	4.69	10130.321	47868.559	2.645	2.2	8.5	NO	1.000	NO	bb
5	5 180825M1_6	Standard	5.000	4.69	24117.461	48885.234	6.167	5.1	2.7	NO	1.000	NO	bb
6	6 180825M1_7	Standard	10.000	4.69	44280.266	46756.293	11.838	9.9	-1.0	NO	1.000	NO	bb
7	7 180825M1_8	Standard	50.000	4.69	198689.484	41232.969	60.234	50.4	0.9	NO	1.000	NO	bb
8	8 180825M1_9	Standard	100.000	4.69	373933.375	40669.027	114.932	95.9	-4.1	NO	1.000	NO	bb
9	9 180825M1_10	Standard	250.000	4.69	870181.438	35118.371	309.732	255.2	2.1	NO	1.000	NO	bb
10	10 180825M1_11	Standard	500.000	4.69	1460515.750	29579.148	617.207	498.2	-0.4	NO	1.000	NO	bb

Compound name: PFOSA

Coefficient of Determination: $R^2 = 0.997902$

Calibration curve: $2.85671e-005 * x^2 + 1.05136 * x + -0.00472244$

Response type: Internal Std (Ref 46), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	4.74	248.366	10080.725	0.308	0.3	19.0	NO	0.998	NO	bb
2	2 180825M1_3	Standard	0.500	4.75	390.021	10142.077	0.481	0.5	-7.7	NO	0.998	NO	bb
3	3 180825M1_4	Standard	1.000	4.75	890.001	10692.631	1.040	1.0	-0.6	NO	0.998	NO	MM
4	4 180825M1_5	Standard	2.000	4.75	1803.902	10602.994	2.127	2.0	1.4	NO	0.998	NO	bb
5	5 180825M1_6	Standard	5.000	4.75	4499.102	10454.188	5.380	5.1	2.4	NO	0.998	NO	bb
6	6 180825M1_7	Standard	10.000	4.74	8513.864	10822.321	9.834	9.4	-6.4	NO	0.998	NO	MM
7	7 180825M1_8	Standard	50.000	4.74	36731.582	9457.416	48.549	46.1	-7.8	NO	0.998	NO	bb
8	8 180825M1_9	Standard	100.000	4.74	71474.063	8984.134	99.445	94.3	-5.7	NO	0.998	NO	bb
9	9 180825M1_10	Standard	250.000	4.74	169307.625	7490.251	282.547	266.8	6.7	NO	0.998	NO	bb
10	10 180825M1_11	Standard	500.000	4.74	289466.719	6885.889	525.471	493.2	-1.4	NO	0.998	NO	bb

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Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.999307$

Calibration curve: $0.00043701 * x^2 + 0.964414 * x + 0.0441341$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	4.77	87.006	7016.416	0.155	0.1	-54.0	YES	0.999	NO	MMX
2	2 180825M1_3	Standard	0.500	4.78	304.734	6898.175	0.552	0.5	5.3	NO	0.999	NO	MM
3	3 180825M1_4	Standard	1.000	4.78	605.904	7486.159	1.012	1.0	0.3	NO	0.999	NO	MM
4	4 180825M1_5	Standard	2.000	4.78	1283.032	7463.945	2.149	2.2	9.0	NO	0.999	NO	MM
5	5 180825M1_6	Standard	5.000	4.78	3023.281	7577.506	4.987	5.1	2.3	NO	0.999	NO	MM
6	6 180825M1_7	Standard	10.000	4.78	5575.847	7500.849	9.292	9.5	-4.5	NO	0.999	NO	MM
7	7 180825M1_8	Standard	50.000	4.78	25685.387	6544.876	49.056	49.7	-0.6	NO	0.999	NO	MM
8	8 180825M1_9	Standard	100.000	4.78	49948.871	6561.887	95.150	94.6	-5.4	NO	0.999	NO	MM
9	9 180825M1_10	Standard	250.000	4.78	119246.914	5354.635	278.373	258.4	3.3	NO	0.999	NO	MM
10	10 180825M1_11	Standard	500.000	4.78	202694.438	4310.991	587.726	497.3	-0.5	NO	0.999	NO	MM

Compound name: PFDA

Coefficient of Determination: $R^2 = 0.998909$

Calibration curve: $-1.68153e-005 * x^2 + 1.21743 * x + 0.104096$

Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.07	1362.671	46769.629	0.364	0.2	-14.5	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	5.07	2436.804	46065.539	0.661	0.5	-8.5	NO	0.999	NO	bd
3	3 180825M1_4	Standard	1.000	5.07	5395.149	47458.215	1.421	1.1	8.2	NO	0.999	NO	MM
4	4 180825M1_5	Standard	2.000	5.07	10055.291	47391.449	2.652	2.1	4.7	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	5.07	24334.633	46566.586	6.532	5.3	5.6	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	5.07	45601.742	42012.324	13.568	11.1	10.6	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	5.07	192710.625	40798.773	59.043	48.4	-3.1	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	5.07	369121.625	40397.707	114.215	93.9	-6.1	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	5.07	868931.875	34447.023	315.315	259.8	3.9	NO	0.999	NO	bb
10	10 180825M1_11	Standard	500.000	5.07	1469080.375	30589.879	600.313	496.4	-0.7	NO	0.999	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

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Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.999374$

Calibration curve: $-0.00565394 * x^2 + 1.414 * x + 0.0937769$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.04	217.372	5365.376	0.506	0.3	16.9	NO	0.999	NO	MM
2	2 180825M1_3	Standard	0.500	5.04	310.178	5371.691	0.722	0.4	-11.0	NO	0.999	NO	MM
3	3 180825M1_4	Standard	1.000	5.04	681.502	5453.385	1.562	1.0	4.3	NO	0.999	NO	MM
4	4 180825M1_5	Standard	2.000	5.04	1216.708	5616.086	2.708	1.9	-6.9	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	5.04	3072.461	5588.875	6.872	4.9	-2.2	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	5.04	5965.046	5602.970	13.308	9.7	-2.8	NO	0.999	NO	MM
7	7 180825M1_8	Standard	50.000	5.04	26551.691	5733.683	57.885	51.5	2.9	NO	0.999	NO	MM
8	8 180825M1_9	Standard	100.000	5.04	46562.730	6897.133	84.388	98.1	-1.9	NO	0.999	NO	MM
9	9 180825M1_10	Standard	250.000	5.04	105993.680	8126.755	163.032			NO	0.999	NO	MMXI
10	10 180825M1_11	Standard	500.000	5.04	177415.766	10468.282	211.849			NO	0.999	NO	bdXI

Compound name: PFNS

Coefficient of Determination: $R^2 = 0.999564$

Calibration curve: $0.000187511 * x^2 + 0.764159 * x + 0.0402872$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.14	105.902	7016.416	0.189	0.2	-22.3	NO	1.000	NO	bb
2	2 180825M1_3	Standard	0.500	5.14	243.935	6898.175	0.442	0.5	5.1	NO	1.000	NO	bb
3	3 180825M1_4	Standard	1.000	5.14	522.903	7486.159	0.873	1.1	9.0	NO	1.000	NO	bb
4	4 180825M1_5	Standard	2.000	5.14	968.667	7463.945	1.622	2.1	3.5	NO	1.000	NO	bb
5	5 180825M1_6	Standard	5.000	5.14	2482.101	7577.506	4.095	5.3	6.0	NO	1.000	NO	MM
6	6 180825M1_7	Standard	10.000	5.14	4669.366	7500.849	7.781	10.1	1.1	NO	1.000	NO	MM
7	7 180825M1_8	Standard	50.000	5.14	20397.861	6544.876	38.958	50.3	0.6	NO	1.000	NO	MM
8	8 180825M1_9	Standard	100.000	5.14	39114.469	6561.887	74.511	95.2	-4.8	NO	1.000	NO	MM
9	9 180825M1_10	Standard	250.000	5.14	88960.578	5354.635	207.672	255.7	2.3	NO	1.000	NO	MM
10	10 180825M1_11	Standard	500.000	5.14	147365.859	4310.991	427.297	498.2	-0.4	NO	1.000	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

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Compound name: L-MeFOSAA

Coefficient of Determination: $R^2 = 0.998420$

Calibration curve: $-0.000183868 * x^2 + 1.28749 * x + -0.0389104$

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.22	223.961	11487.185	0.244	0.2	-12.2	NO	0.998	NO	MM
2	2 180825M1_3	Standard	0.500	5.23	595.063	11188.128	0.665	0.5	9.3	NO	0.998	NO	MM
3	3 180825M1_4	Standard	1.000	5.23	1142.530	12186.484	1.172	0.9	-5.9	NO	0.998	NO	MM
4	4 180825M1_5	Standard	2.000	5.22	2484.579	11858.327	2.619	2.1	3.3	NO	0.998	NO	MM
5	5 180825M1_6	Standard	5.000	5.23	6225.148	11681.288	6.661	5.2	4.2	NO	0.998	NO	MM
6	6 180825M1_7	Standard	10.000	5.22	11894.382	12015.514	12.374	9.7	-3.5	NO	0.998	NO	MM
7	7 180825M1_8	Standard	50.000	5.22	52577.117	11104.421	59.185	46.3	-7.4	NO	0.998	NO	MM
8	8 180825M1_9	Standard	100.000	5.22	104169.531	10732.121	121.329	95.6	-4.4	NO	0.998	NO	MM
9	9 180825M1_10	Standard	250.000	5.22	238977.125	9109.117	327.937	264.8	5.9	NO	0.998	NO	MM
10	10 180825M1_11	Standard	500.000	5.22	404629.313	8565.046	590.524	493.5	-1.3	NO	0.998	NO	MM

Compound name: L-EtFOSAA

Coefficient of Determination: $R^2 = 0.998074$

Calibration curve: $0.000128744 * x^2 + 0.976058 * x + -0.0397067$

Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.39	194.523	13919.041	0.175	0.2	-12.1	NO	0.998	NO	MM
2	2 180825M1_3	Standard	0.500	5.39	522.264	13062.018	0.500	0.6	10.5	NO	0.998	NO	MM
3	3 180825M1_4	Standard	1.000	5.39	1085.783	12891.792	1.053	1.1	11.9	NO	0.998	NO	MM
4	4 180825M1_5	Standard	2.000	5.39	2175.753	13465.099	2.020	2.1	5.5	NO	0.998	NO	MM
5	5 180825M1_6	Standard	5.000	5.39	5385.532	14200.698	4.741	4.9	-2.1	NO	0.998	NO	MM
6	6 180825M1_7	Standard	10.000	5.39	9978.959	13664.368	9.129	9.4	-6.2	NO	0.998	NO	MM
7	7 180825M1_8	Standard	50.000	5.39	43787.375	11931.609	45.873	46.8	-6.5	NO	0.998	NO	MM
8	8 180825M1_9	Standard	100.000	5.39	81935.664	11046.248	92.719	93.9	-6.1	NO	0.998	NO	MM
9	9 180825M1_10	Standard	250.000	5.39	192509.344	8961.604	268.520	265.8	6.3	NO	0.998	NO	MM
10	10 180825M1_11	Standard	500.000	5.38	325874.250	7932.882	513.487	493.9	-1.2	NO	0.998	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Compound name: PFUdA

Coefficient of Determination: $R^2 = 0.997599$
 Calibration curve: $-2.06806e-006 * x^2 + 0.935607 * x + 0.110396$
 Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.40	1492.648	54465.238	0.343	0.2	-0.7	NO	0.998	NO	bb
2	2 180825M1_3	Standard	0.500	5.40	2301.484	50853.914	0.566	0.5	-2.7	NO	0.998	NO	bb
3	3 180825M1_4	Standard	1.000	5.40	4571.423	55293.410	1.033	1.0	-1.3	NO	0.998	NO	bb
4	4 180825M1_5	Standard	2.000	5.40	9875.802	55963.727	2.206	2.2	12.0	NO	0.998	NO	bb
5	5 180825M1_6	Standard	5.000	5.40	22081.887	56235.680	4.908	5.1	2.6	NO	0.998	NO	bb
6	6 180825M1_7	Standard	10.000	5.40	40486.992	54412.211	9.301	9.8	-1.8	NO	0.998	NO	bb
7	7 180825M1_8	Standard	50.000	5.40	173012.969	48892.016	44.233	47.2	-5.7	NO	0.998	NO	bb
8	8 180825M1_9	Standard	100.000	5.40	329515.688	47815.254	86.143	92.0	-8.0	NO	0.998	NO	bb
9	9 180825M1_10	Standard	250.000	5.40	741767.750	37034.793	250.362	267.6	7.1	NO	0.998	NO	bb
10	10 180825M1_11	Standard	500.000	5.40	1229057.375	33331.254	460.925	493.1	-1.4	NO	0.998	NO	bb

Compound name: PFDS

Coefficient of Determination: $R^2 = 0.999713$
 Calibration curve: $0.000173016 * x^2 + 0.917005 * x + 0.0530279$
 Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.45	156.505	7016.416	0.279	0.2	-1.5	NO	1.000	NO	bb
2	2 180825M1_3	Standard	0.500	5.45	298.657	6898.175	0.541	0.5	6.5	NO	1.000	NO	bb
3	3 180825M1_4	Standard	1.000	5.45	542.801	7486.159	0.906	0.9	-7.0	NO	1.000	NO	bb
4	4 180825M1_5	Standard	2.000	5.45	1142.307	7463.945	1.913	2.0	1.4	NO	1.000	NO	bb
5	5 180825M1_6	Standard	5.000	5.45	2934.926	7577.506	4.842	5.2	4.3	NO	1.000	NO	bb
6	6 180825M1_7	Standard	10.000	5.45	5430.393	7500.849	9.050	9.8	-2.1	NO	1.000	NO	bd
7	7 180825M1_8	Standard	50.000	5.45	24308.250	6544.876	46.426	50.1	0.2	NO	1.000	NO	bb
8	8 180825M1_9	Standard	100.000	5.45	47301.969	6561.887	90.107	96.4	-3.6	NO	1.000	NO	bb
9	9 180825M1_10	Standard	250.000	5.45	105105.813	5354.635	245.362	255.2	2.1	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

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Compound name: PFDS

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
10	10 180825M1_11	Standard	500.000	5.45	172389.875	4310.991	499.856	498.2	-0.4	NO	1.000	NO	bb

Compound name: PFDoA

Coefficient of Determination: R² = 0.998423

Calibration curve: -3.47143e-005 * x² + 1.09278 * x + 0.0282702

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.69	1414.314	55780.484	0.317	0.3	5.7	NO	0.998	NO	MM
2	2 180825M1_3	Standard	0.500	5.69	2548.374	56550.980	0.563	0.5	-2.1	NO	0.998	NO	bd
3	3 180825M1_4	Standard	1.000	5.69	5349.969	58259.910	1.148	1.0	2.5	NO	0.998	NO	bd
4	4 180825M1_5	Standard	2.000	5.69	10947.773	56419.504	2.426	2.2	9.7	NO	0.998	NO	bd
5	5 180825M1_6	Standard	5.000	5.69	24551.123	57762.066	5.313	4.8	-3.3	NO	0.998	NO	MM
6	6 180825M1_7	Standard	10.000	5.69	45984.473	56606.508	10.154	9.3	-7.3	NO	0.998	NO	MM
7	7 180825M1_8	Standard	50.000	5.69	203481.141	48389.852	52.563	48.1	-3.7	NO	0.998	NO	MM
8	8 180825M1_9	Standard	100.000	5.69	399015.281	48731.246	102.351	93.9	-6.1	NO	0.998	NO	MM
9	9 180825M1_10	Standard	250.000	5.69	909112.750	39637.754	286.694	264.5	5.8	NO	0.998	NO	bb
10	10 180825M1_11	Standard	500.000	5.69	1512689.375	35578.469	531.462	494.1	-1.2	NO	0.998	NO	bb

Compound name: N-MeFOSA

Coefficient of Determination: R² = 0.999129

Calibration curve: -5.40052e-005 * x² + 0.997561 * x + 0.358081

Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	1.250	5.76	406.722	40362.734	1.512	1.2	-7.5	NO	0.999	NO	bb
2	2 180825M1_3	Standard	2.500	5.77	735.882	40565.926	2.721	2.4	-5.2	NO	0.999	NO	bb
3	3 180825M1_4	Standard	5.000	5.77	1554.561	40400.258	5.772	5.4	8.6	NO	0.999	NO	bb
4	4 180825M1_5	Standard	10.000	5.76	3255.872	41728.930	11.704	11.4	13.8	NO	0.999	NO	bb
5	5 180825M1_6	Standard	25.000	5.77	7851.388	40882.434	28.807	28.6	14.3	NO	0.999	NO	bb
6	6 180825M1_7	Standard	50.000	5.76	14594.162	40821.469	53.627	53.6	7.1	NO	0.999	NO	bb
7	7 180825M1_8	Standard	250.000	5.76	64882.203	39307.285	247.596	251.3	0.5	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

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Compound name: N-MeFOSA

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
8	8 180825M1_9	Standard	500.000	5.76	127416.117	40667.629	469.966	483.4	-3.3	NO	0.999	NO	bb
9	9 180825M1_10	Standard	1250.000	5.76	299144.656	38393.711	1168.725	1256.7	0.5	NO	0.999	NO	bb
10	10 180825M1_11	Standard	2500.000	5.76	496273.688	36782.027	2023.843	2319.8	-7.2	NO	0.999	NO	bbX

Compound name: PFTrDA

Coefficient of Determination: R² = 0.998011

Calibration curve: $-9.96252e-005 * x^2 + 1.13656 * x + 0.0423914$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.94	1478.647	55780.484	0.331	0.3	1.7	NO	0.998	NO	MM
2	2 180825M1_3	Standard	0.500	5.94	2751.018	56550.980	0.608	0.5	-0.5	NO	0.998	NO	bb
3	3 180825M1_4	Standard	1.000	5.94	5537.633	58259.910	1.188	1.0	0.8	NO	0.998	NO	bb
4	4 180825M1_5	Standard	2.000	5.94	11133.028	56419.504	2.467	2.1	6.7	NO	0.998	NO	bb
5	5 180825M1_6	Standard	5.000	5.94	26793.793	57762.066	5.798	5.1	1.3	NO	0.998	NO	bb
6	6 180825M1_7	Standard	10.000	5.94	49701.496	56606.508	10.975	9.6	-3.7	NO	0.998	NO	bb
7	7 180825M1_8	Standard	50.000	5.94	210235.109	48389.852	54.308	47.9	-4.1	NO	0.998	NO	bb
8	8 180825M1_9	Standard	100.000	5.94	407044.000	48731.246	104.410	92.6	-7.4	NO	0.998	NO	bb
9	9 180825M1_10	Standard	250.000	5.94	937802.063	39637.754	295.741	266.4	6.6	NO	0.998	NO	bb
10	10 180825M1_11	Standard	500.000	5.94	1526800.375	35578.469	536.420	493.3	-1.3	NO	0.998	NO	bb

Compound name: PFTeDA

Coefficient of Determination: R² = 0.999104

Calibration curve: $-0.000166649 * x^2 + 1.29343 * x + 0.120523$

Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	6.16	1270.623	36227.949	0.438	0.2	-1.7	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	6.16	2168.061	37266.996	0.727	0.5	-6.2	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	6.16	4244.188	38929.117	1.363	1.0	-3.9	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	6.16	8686.229	37410.762	2.902	2.2	7.6	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	6.16	21692.541	38114.887	7.114	5.4	8.2	NO	0.999	NO	bb

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Compound name: PFTeDA

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
6	6 180825M1_7	Standard	10.000	6.15	39506.133	38433.969	12.849	9.9	-1.5	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	6.15	172862.375	33242.551	65.000	50.5	1.0	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	6.15	335681.063	35034.137	119.769	93.6	-6.4	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	6.16	761730.813	29396.207	323.907	259.0	3.6	NO	0.999	NO	bb
10	10 180825M1_11	Standard	500.000	6.15	1293541.625	26890.797	601.294	496.6	-0.7	NO	0.999	NO	bb

Compound name: N-EtFOSA

Coefficient of Determination: R² = 0.999502

Calibration curve: $-2.75571e-005 * x^2 + 0.936004 * x + 0.258395$

Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	1.250	6.18	425.824	49388.109	1.293	1.1	-11.5	NO	1.000	NO	bb
2	2 180825M1_3	Standard	2.500	6.18	788.000	48542.934	2.435	2.3	-7.0	NO	1.000	NO	bb
3	3 180825M1_4	Standard	5.000	6.18	1720.631	50515.547	5.109	5.2	3.7	NO	1.000	NO	MM
4	4 180825M1_5	Standard	10.000	6.18	3457.921	51312.441	10.108	10.5	5.3	NO	1.000	NO	bb
5	5 180825M1_6	Standard	25.000	6.18	8797.368	49834.945	26.480	28.0	12.1	NO	1.000	NO	bb
6	6 180825M1_7	Standard	50.000	6.18	16182.860	51585.074	47.057	50.1	0.1	NO	1.000	NO	bb
7	7 180825M1_8	Standard	250.000	6.18	71830.648	46478.992	231.816	249.2	-0.3	NO	1.000	NO	bb
8	8 180825M1_9	Standard	500.000	6.18	138633.594	47104.469	441.466	478.1	-4.4	NO	1.000	NO	bb
9	9 180825M1_10	Standard	1250.000	6.18	320444.531	41656.836	1153.873	1280.8	2.5	NO	1.000	NO	bb
10	10 180825M1_11	Standard	2500.000	6.18	536733.313	37295.145	2158.726	2488.3	-0.5	NO	1.000	NO	bb

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Compound name: PFHxDA

Coefficient of Determination: R² = 0.999884

Calibration curve: -0.000167527 * x² + 0.655045 * x + 0.086491

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	6.49	802.729	17802.096	0.225	0.2	-15.1	NO	1.000	NO	bb
2	2 180825M1_3	Standard	0.500	6.49	1554.203	18814.943	0.413	0.5	-0.3	NO	1.000	NO	bd
3	3 180825M1_4	Standard	1.000	6.49	2946.452	19371.545	0.761	1.0	2.9	NO	1.000	NO	bb
4	4 180825M1_5	Standard	2.000	6.49	5817.327	19435.889	1.497	2.2	7.7	NO	1.000	NO	bb
5	5 180825M1_6	Standard	5.000	6.49	13643.421	19019.424	3.587	5.4	7.0	NO	1.000	NO	bb
6	6 180825M1_7	Standard	10.000	6.49	24875.824	18873.260	6.590	10.0	-0.5	NO	1.000	NO	bb
7	7 180825M1_8	Standard	50.000	6.49	106085.664	16810.154	31.554	48.6	-2.7	NO	1.000	NO	bb
8	8 180825M1_9	Standard	100.000	6.49	217976.672	16889.730	64.529	101.0	1.0	NO	1.000	NO	bb
9	9 180825M1_10	Standard	250.000	6.49	487925.875	15906.660	153.372	250.0	-0.0	NO	1.000	NO	bb
10	10 180825M1_11	Standard	500.000	6.49	828040.188	14491.854	285.692	499.9	-0.0	NO	1.000	NO	bb

Compound name: PFODA

Coefficient of Determination: R² = 0.999417

Calibration curve: -0.000192843 * x² + 0.82774 * x + 0.0187329

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	6.72	863.769	17802.096	0.243	0.3	8.2	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	6.72	1668.768	18814.943	0.443	0.5	2.6	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	6.72	3301.751	19371.545	0.852	1.0	0.7	NO	0.999	NO	MM
4	4 180825M1_5	Standard	2.000	6.72	6843.077	19435.889	1.760	2.1	5.3	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	6.72	15841.083	19019.424	4.164	5.0	0.3	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	6.72	29737.666	18873.260	7.878	9.5	-4.8	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	6.72	133937.031	16810.154	39.838	48.7	-2.7	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	6.72	264316.594	16889.730	78.248	96.7	-3.3	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	6.72	641223.688	15906.660	201.558	259.1	3.7	NO	0.999	NO	bb
10	10 180825M1_11	Standard	500.000	6.72	1052075.250	14491.854	362.988	495.8	-0.8	NO	0.999	NO	bb

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Compound name: N-MeFOSE

Coefficient of Determination: R² = 0.999826

Calibration curve: 8.69533e-005 * x² + 0.96708 * x + 0.379389

Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	1.250	6.35	291.877	32525.436	1.346	1.0	-20.0	NO	1.000	NO	bb
2	2 180825M1_3	Standard	2.500	6.36	621.199	32864.008	2.835	2.5	1.6	NO	1.000	NO	bb
3	3 180825M1_4	Standard	5.000	6.36	1172.301	33084.590	5.315	5.1	2.0	NO	1.000	NO	MM
4	4 180825M1_5	Standard	10.000	6.35	2394.620	32789.402	10.955	10.9	9.2	NO	1.000	NO	bb
5	5 180825M1_6	Standard	25.000	6.35	5755.237	33414.426	25.836	26.3	5.0	NO	1.000	NO	bb
6	6 180825M1_7	Standard	50.000	6.35	11075.639	33056.074	50.258	51.3	2.7	NO	1.000	NO	bb
7	7 180825M1_8	Standard	250.000	6.35	51986.977	31215.148	249.816	252.2	0.9	NO	1.000	NO	bb
8	8 180825M1_9	Standard	500.000	6.35	109174.852	32931.242	497.285	492.1	-1.6	NO	1.000	NO	bb
9	9 180825M1_10	Standard	1250.000	6.35	291497.375	32438.771	1347.912	1252.4	0.2	NO	1.000	NO	bb
10	10 180825M1_11	Standard	2500.000	6.35	556072.625	31542.102	2644.430	2270.5	-9.2	NO	1.000	NO	bbX

Compound name: N-EtFOSE

Coefficient of Determination: R² = 0.999708

Calibration curve: 0.000128234 * x² + 1.0882 * x + 0.41178

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	1.250	6.51	323.655	33727.480	1.439	0.9	-24.5	NO	1.000	NO	bb
2	2 180825M1_3	Standard	2.500	6.51	650.673	31748.770	3.074	2.4	-2.2	NO	1.000	NO	MM
3	3 180825M1_4	Standard	5.000	6.51	1321.739	32803.797	6.044	5.2	3.4	NO	1.000	NO	bb
4	4 180825M1_5	Standard	10.000	6.51	2757.054	33507.297	12.342	10.9	9.5	NO	1.000	NO	bb
5	5 180825M1_6	Standard	25.000	6.51	6850.087	33348.363	30.811	27.8	11.4	NO	1.000	NO	bb
6	6 180825M1_7	Standard	50.000	6.51	12612.782	33088.641	57.177	51.8	3.7	NO	1.000	NO	bb
7	7 180825M1_8	Standard	250.000	6.51	58336.691	31212.320	280.354	249.9	-0.0	NO	1.000	NO	bb
8	8 180825M1_9	Standard	500.000	6.51	122467.906	32398.092	567.014	492.1	-1.6	NO	1.000	NO	bb
9	9 180825M1_10	Standard	1250.000	6.51	325883.625	31240.508	1564.717	1252.6	0.2	NO	1.000	NO	bb
10	10 180825M1_11	Standard	2500.000	6.51	608835.813	29783.600	3066.297	2230.9	-10.8	NO	1.000	NO	bbX

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Compound name: 13C3-PFBA

Response Factor: 0.826393

RRF SD: 0.0117149, Relative SD: 1.4176

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	1.28	19998.494	23680.709	10.556	12.8	2.2	NO		NO	bb
2	2 180825M1_3	Standard	12.500	1.28	19121.814	23268.602	10.272	12.4	-0.6	NO		NO	bb
3	3 180825M1_4	Standard	12.500	1.28	20743.502	25067.805	10.344	12.5	0.1	NO		NO	bb
4	4 180825M1_5	Standard	12.500	1.28	20247.439	24942.783	10.147	12.3	-1.8	NO		NO	bb
5	5 180825M1_6	Standard	12.500	1.28	21226.176	25187.389	10.534	12.7	2.0	NO		NO	MM
6	6 180825M1_7	Standard	12.500	1.28	20688.775	25245.125	10.244	12.4	-0.8	NO		NO	bb
7	7 180825M1_8	Standard	12.500	1.28	18940.324	23058.943	10.267	12.4	-0.6	NO		NO	bb
8	8 180825M1_9	Standard	12.500	1.28	19769.238	23577.033	10.481	12.7	1.5	NO		NO	bb
9	9 180825M1_10	Standard	12.500	1.28	18441.494	22676.920	10.165	12.3	-1.6	NO		NO	bb
10	10 180825M1_11	Standard	12.500	1.28	16560.721	20121.697	10.288	12.4	-0.4	NO		NO	bb

Compound name: 13C3-PFPeA

Response Factor: 0.640089

RRF SD: 0.016343, Relative SD: 2.55324

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	2.28	33241.895	49839.055	8.337	13.0	4.2	NO		NO	bb
2	2 180825M1_3	Standard	12.500	2.28	33132.469	52068.172	7.954	12.4	-0.6	NO		NO	bb
3	3 180825M1_4	Standard	12.500	2.28	33816.434	54141.660	7.807	12.2	-2.4	NO		NO	bb
4	4 180825M1_5	Standard	12.500	2.28	33820.297	54412.723	7.769	12.1	-2.9	NO		NO	bb
5	5 180825M1_6	Standard	12.500	2.28	34084.293	52417.742	8.128	12.7	1.6	NO		NO	bb
6	6 180825M1_7	Standard	12.500	2.28	33216.926	54158.086	7.667	12.0	-4.2	NO		NO	bb
7	7 180825M1_8	Standard	12.500	2.28	30300.207	47279.332	8.011	12.5	0.1	NO		NO	bb
8	8 180825M1_9	Standard	12.500	2.28	30324.652	46735.293	8.111	12.7	1.4	NO		NO	bb
9	9 180825M1_10	Standard	12.500	2.28	26063.240	40374.965	8.069	12.6	0.8	NO		NO	bb
10	10 180825M1_11	Standard	12.500	2.28	22582.154	34603.719	8.157	12.7	2.0	NO		NO	bb

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Compound name: 13C3-PFBS

Response Factor: 0.0651425

RRF SD: 0.00219454, Relative SD: 3.36883

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	2.58	3445.955	49839.055	0.864	13.3	6.1	NO		NO	bb
2	2 180825M1_3	Standard	12.500	2.58	3325.544	52068.172	0.798	12.3	-2.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	2.58	3526.256	54141.660	0.814	12.5	-0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	2.58	3545.528	54412.723	0.814	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	2.58	3608.568	52417.742	0.861	13.2	5.7	NO		NO	bb
6	6 180825M1_7	Standard	12.500	2.58	3473.203	54158.086	0.802	12.3	-1.6	NO		NO	bb
7	7 180825M1_8	Standard	12.500	2.58	3076.623	47279.332	0.813	12.5	-0.1	NO		NO	bb
8	8 180825M1_9	Standard	12.500	2.58	3000.121	46735.293	0.802	12.3	-1.5	NO		NO	bb
9	9 180825M1_10	Standard	12.500	2.58	2522.638	40374.965	0.781	12.0	-4.1	NO		NO	bb
10	10 180825M1_11	Standard	12.500	2.58	2194.008	34603.719	0.793	12.2	-2.7	NO		NO	bb

Compound name: 13C2-4:2 FTS

Response Factor: 0.139972

RRF SD: 0.0124378, Relative SD: 8.88593

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	2.99	7030.892	49839.055	1.763	12.6	0.8	NO		NO	bb
2	2 180825M1_3	Standard	12.500	2.99	6825.006	52068.172	1.638	11.7	-6.4	NO		NO	bb
3	3 180825M1_4	Standard	12.500	2.99	7060.958	54141.660	1.630	11.6	-6.8	NO		NO	bb
4	4 180825M1_5	Standard	12.500	2.99	7267.745	54412.723	1.670	11.9	-4.6	NO		NO	bb
5	5 180825M1_6	Standard	12.500	2.99	7199.572	52417.742	1.717	12.3	-1.9	NO		NO	bb
6	6 180825M1_7	Standard	12.500	3.00	7058.676	54158.086	1.629	11.6	-6.9	NO		NO	bb
7	7 180825M1_8	Standard	12.500	2.99	7099.831	47279.332	1.877	13.4	7.3	NO		NO	bb
8	8 180825M1_9	Standard	12.500	2.99	7748.221	46735.293	2.072	14.8	18.4	NO		NO	bb
9	9 180825M1_10	Standard	12.500	2.99	9688.219	40374.965	2.999	21.4	71.4	NO		NO	bbX
10	10 180825M1_11	Standard	12.500	2.99	12578.926	34603.719	4.544	32.5	159.7	NO		NO	bbX

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Compound name: 13C2-PFHxA

Response Factor: 0.967488

RRF SD: 0.0293721, Relative SD: 3.03592

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	5.000	3.08	19681.047	49839.055	4.936	5.1	2.0	NO		NO	bb
2	2 180825M1_3	Standard	5.000	3.08	20132.121	52068.172	4.833	5.0	-0.1	NO		NO	bb
3	3 180825M1_4	Standard	5.000	3.08	20221.125	54141.660	4.669	4.8	-3.5	NO		NO	bb
4	4 180825M1_5	Standard	5.000	3.08	20311.969	54412.723	4.666	4.8	-3.5	NO		NO	bb
5	5 180825M1_6	Standard	5.000	3.08	20414.045	52417.742	4.868	5.0	0.6	NO		NO	bb
6	6 180825M1_7	Standard	5.000	3.08	20135.582	54158.086	4.647	4.8	-3.9	NO		NO	bb
7	7 180825M1_8	Standard	5.000	3.08	18232.393	47279.332	4.820	5.0	-0.4	NO		NO	bb
8	8 180825M1_9	Standard	5.000	3.08	18311.459	46735.293	4.898	5.1	1.2	NO		NO	bb
9	9 180825M1_10	Standard	5.000	3.08	15886.112	40374.965	4.918	5.1	1.7	NO		NO	bb
10	10 180825M1_11	Standard	5.000	3.08	14169.531	34603.719	5.119	5.3	5.8	NO		NO	bb

Compound name: 13C4-PFHpA

Response Factor: 0.585267

RRF SD: 0.0215372, Relative SD: 3.6799

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	3.71	30217.102	49839.055	7.579	12.9	3.6	NO		NO	bb
2	2 180825M1_3	Standard	12.500	3.71	31227.330	52068.172	7.497	12.8	2.5	NO		NO	bb
3	3 180825M1_4	Standard	12.500	3.71	31544.527	54141.660	7.283	12.4	-0.5	NO		NO	bb
4	4 180825M1_5	Standard	12.500	3.71	30114.398	54412.723	6.918	11.8	-5.4	NO		NO	bb
5	5 180825M1_6	Standard	12.500	3.71	32710.547	52417.742	7.800	13.3	6.6	NO		NO	bb
6	6 180825M1_7	Standard	12.500	3.71	31084.766	54158.086	7.175	12.3	-1.9	NO		NO	bb
7	7 180825M1_8	Standard	12.500	3.71	28118.541	47279.332	7.434	12.7	1.6	NO		NO	bb
8	8 180825M1_9	Standard	12.500	3.71	27042.039	46735.293	7.233	12.4	-1.1	NO		NO	bb
9	9 180825M1_10	Standard	12.500	3.71	22547.932	40374.965	6.981	11.9	-4.6	NO		NO	bb
10	10 180825M1_11	Standard	12.500	3.71	20095.918	34603.719	7.259	12.4	-0.8	NO		NO	bd

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Compound name: 18O2-PFHxS

Response Factor: 0.517343

RRF SD: 0.021416, Relative SD: 4.13962

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	3.86	3102.036	5994.866	6.468	12.5	0.0	NO		NO	MM
2	2 180825M1_3	Standard	12.500	3.87	3141.342	5959.455	6.589	12.7	1.9	NO		NO	MM
3	3 180825M1_4	Standard	12.500	3.87	3120.820	6234.935	6.257	12.1	-3.2	NO		NO	MM
4	4 180825M1_5	Standard	12.500	3.87	3185.468	6231.728	6.390	12.4	-1.2	NO		NO	MM
5	5 180825M1_6	Standard	12.500	3.87	3109.469	6319.887	6.150	11.9	-4.9	NO		NO	MM
6	6 180825M1_7	Standard	12.500	3.86	3125.250	6166.924	6.335	12.2	-2.0	NO		NO	MM
7	7 180825M1_8	Standard	12.500	3.86	2958.997	5514.756	6.707	13.0	3.7	NO		NO	MM
8	8 180825M1_9	Standard	12.500	3.87	2761.479	5402.819	6.389	12.3	-1.2	NO		NO	MM
9	9 180825M1_10	Standard	12.500	3.87	2298.064	4555.075	6.306	12.2	-2.5	NO		NO	MM
10	10 180825M1_11	Standard	12.500	3.87	2071.147	3658.068	7.077	13.7	9.4	NO		NO	MM

Compound name: 13C2-6:2 FTS

Response Factor: 0.133632

RRF SD: 0.0132063, Relative SD: 9.88263

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	4.19	7189.710	54990.996	1.634	12.2	-2.2	NO		NO	bb
2	2 180825M1_3	Standard	12.500	4.19	7035.296	54561.387	1.612	12.1	-3.5	NO		NO	bb
3	3 180825M1_4	Standard	12.500	4.19	7162.068	56715.457	1.579	11.8	-5.5	NO		NO	bd
4	4 180825M1_5	Standard	12.500	4.19	7177.481	56384.563	1.591	11.9	-4.7	NO		NO	bb
5	5 180825M1_6	Standard	12.500	4.19	7612.021	57218.746	1.663	12.4	-0.4	NO		NO	bb
6	6 180825M1_7	Standard	12.500	4.19	6807.340	57523.266	1.479	11.1	-11.4	NO		NO	bb
7	7 180825M1_8	Standard	12.500	4.19	7290.515	51004.988	1.787	13.4	7.0	NO		NO	bd
8	8 180825M1_9	Standard	12.500	4.19	7985.438	49451.352	2.019	15.1	20.8	NO		NO	bb
9	9 180825M1_10	Standard	12.500	4.19	10623.472	43362.840	3.062	22.9	83.3	NO		NO	bbX
10	10 180825M1_11	Standard	12.500	4.19	13926.469	36470.168	4.773	35.7	185.8	NO		NO	bdX

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Compound name: 13C2-PFOA

Response Factor: 0.862383

RRF SD: 0.0192316, Relative SD: 2.23006

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	4.24	49274.074	54990.996	11.200	13.0	3.9	NO		NO	MM
2	2 180825M1_3	Standard	12.500	4.24	47775.039	54561.387	10.945	12.7	1.5	NO		NO	MM
3	3 180825M1_4	Standard	12.500	4.24	48304.207	56715.457	10.646	12.3	-1.2	NO		NO	MM
4	4 180825M1_5	Standard	12.500	4.24	49751.418	56384.563	11.029	12.8	2.3	NO		NO	MM
5	5 180825M1_6	Standard	12.500	4.24	47976.961	57218.746	10.481	12.2	-2.8	NO		NO	MM
6	6 180825M1_7	Standard	12.500	4.24	49232.746	57523.266	10.698	12.4	-0.8	NO		NO	MM
7	7 180825M1_8	Standard	12.500	4.24	42489.840	51004.988	10.413	12.1	-3.4	NO		NO	MM
8	8 180825M1_9	Standard	12.500	4.24	42752.910	49451.352	10.807	12.5	0.3	NO		NO	MM
9	9 180825M1_10	Standard	12.500	4.24	37587.918	43362.840	10.835	12.6	0.5	NO		NO	MM
10	10 180825M1_11	Standard	12.500	4.24	31340.223	36470.168	10.742	12.5	-0.4	NO		NO	MM

Compound name: 13C5-PFNA

Response Factor: 0.9601

RRF SD: 0.0133574, Relative SD: 1.39125

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	4.69	47429.898	49040.043	12.090	12.6	0.7	NO		NO	bb
2	2 180825M1_3	Standard	12.500	4.69	47702.172	49243.359	12.109	12.6	0.9	NO		NO	bb
3	3 180825M1_4	Standard	12.500	4.69	47170.523	49402.863	11.935	12.4	-0.6	NO		NO	bb
4	4 180825M1_5	Standard	12.500	4.69	47868.559	50406.000	11.871	12.4	-1.1	NO		NO	bb
5	5 180825M1_6	Standard	12.500	4.69	48885.234	49381.113	12.374	12.9	3.1	NO		NO	bb
6	6 180825M1_7	Standard	12.500	4.69	46756.293	49272.086	11.862	12.4	-1.2	NO		NO	bb
7	7 180825M1_8	Standard	12.500	4.69	41232.969	43523.379	11.842	12.3	-1.3	NO		NO	bb
8	8 180825M1_9	Standard	12.500	4.69	40669.027	42780.391	11.883	12.4	-1.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	4.69	35118.371	36738.730	11.949	12.4	-0.4	NO		NO	bb
10	10 180825M1_11	Standard	12.500	4.69	29579.148	30562.049	12.098	12.6	0.8	NO		NO	bb

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Compound name: 13C8-PFOSA

Response Factor: 0.195799

RRF SD: 0.0107516, Relative SD: 5.49115

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180825M1_2	Standard	12.500	4.74	10080.725	54926.430	2.294	11.7	-6.3	NO		NO	bb
2	180825M1_3	Standard	12.500	4.75	10142.077	49835.133	2.544	13.0	3.9	NO		NO	bb
3	180825M1_4	Standard	12.500	4.75	10692.631	56134.664	2.381	12.2	-2.7	NO		NO	MM
4	180825M1_5	Standard	12.500	4.74	10602.994	55908.285	2.371	12.1	-3.1	NO		NO	bb
5	180825M1_6	Standard	12.500	4.74	10454.188	55933.047	2.336	11.9	-4.5	NO		NO	bb
6	180825M1_7	Standard	12.500	4.74	10822.321	55550.164	2.435	12.4	-0.5	NO		NO	MM
7	180825M1_8	Standard	12.500	4.74	9457.416	48734.691	2.426	12.4	-0.9	NO		NO	bb
8	180825M1_9	Standard	12.500	4.74	8984.134	45592.617	2.463	12.6	0.6	NO		NO	bb
9	180825M1_10	Standard	12.500	4.74	7490.251	38193.918	2.451	12.5	0.2	NO		NO	bb
10	180825M1_11	Standard	12.500	4.74	6885.889	31036.090	2.773	14.2	13.3	NO		NO	MM

Compound name: 13C8-PFOS

Response Factor: 1.06273

RRF SD: 0.0496445, Relative SD: 4.67142

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180825M1_2	Standard	12.500	4.77	7016.416	6716.918	13.057	12.3	-1.7	NO		NO	MM
2	180825M1_3	Standard	12.500	4.78	6898.175	6814.601	12.653	11.9	-4.7	NO		NO	MM
3	180825M1_4	Standard	12.500	4.78	7486.159	6662.014	14.046	13.2	5.7	NO		NO	MM
4	180825M1_5	Standard	12.500	4.78	7463.945	7053.008	13.228	12.4	-0.4	NO		NO	MM
5	180825M1_6	Standard	12.500	4.78	7577.506	6904.807	13.718	12.9	3.3	NO		NO	MM
6	180825M1_7	Standard	12.500	4.77	7500.849	6801.880	13.785	13.0	3.8	NO		NO	MM
7	180825M1_8	Standard	12.500	4.77	6544.876	6219.460	13.154	12.4	-1.0	NO		NO	MM
8	180825M1_9	Standard	12.500	4.77	6561.887	5903.219	13.895	13.1	4.6	NO		NO	MM
9	180825M1_10	Standard	12.500	4.78	5354.635	5037.450	13.287	12.5	0.0	NO		NO	MM
10	180825M1_11	Standard	12.500	4.78	4310.991	4484.043	12.018	11.3	-9.5	NO		NO	MM

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Compound name: 13C2-PFDA

Response Factor: 0.943317

RRF SD: 0.0469023, Relative SD: 4.97206

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	5.07	46769.629	48053.082	12.166	12.9	3.2	NO		NO	bb
2	2 180825M1_3	Standard	12.500	5.07	46065.539	49194.031	11.705	12.4	-0.7	NO		NO	bb
3	3 180825M1_4	Standard	12.500	5.07	47458.215	50072.887	11.847	12.6	0.5	NO		NO	MM
4	4 180825M1_5	Standard	12.500	5.07	47391.449	50382.570	11.758	12.5	-0.3	NO		NO	bb
5	5 180825M1_6	Standard	12.500	5.07	46566.586	47437.191	12.271	13.0	4.1	NO		NO	bb
6	6 180825M1_7	Standard	12.500	5.07	42012.324	50689.594	10.360	11.0	-12.1	NO		NO	bb
7	7 180825M1_8	Standard	12.500	5.07	40798.773	44534.684	11.451	12.1	-2.9	NO		NO	bb
8	8 180825M1_9	Standard	12.500	5.07	40397.707	41078.773	12.293	13.0	4.3	NO		NO	bb
9	9 180825M1_10	Standard	12.500	5.07	34447.023	36705.762	11.731	12.4	-0.5	NO		NO	bb
10	10 180825M1_11	Standard	12.500	5.07	30589.879	31005.371	12.332	13.1	4.6	NO		NO	MM

Compound name: 13C2-8:2 FTS

Response Factor: 0.104843

RRF SD: 0.0149284, Relative SD: 14.2389

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	5.04	5365.376	54990.996	1.220	11.6	-6.9	NO		NO	MM
2	2 180825M1_3	Standard	12.500	5.04	5371.691	54561.387	1.231	11.7	-6.1	NO		NO	MM
3	3 180825M1_4	Standard	12.500	5.04	5453.385	56715.457	1.202	11.5	-8.3	NO		NO	MM
4	4 180825M1_5	Standard	12.500	5.04	5616.086	56384.563	1.245	11.9	-5.0	NO		NO	MM
5	5 180825M1_6	Standard	12.500	5.04	5588.875	57218.746	1.221	11.6	-6.8	NO		NO	bb
6	6 180825M1_7	Standard	12.500	5.04	5602.970	57523.266	1.218	11.6	-7.1	NO		NO	MM
7	7 180825M1_8	Standard	12.500	5.04	5733.683	51004.988	1.405	13.4	7.2	NO		NO	MM
8	8 180825M1_9	Standard	12.500	5.04	6897.133	49451.352	1.743	16.6	33.0	NO		NO	MM
9	9 180825M1_10	Standard	12.500	5.04	8126.755	43362.840	2.343	22.3	78.8	NO		NO	MMX
10	10 180825M1_11	Standard	12.500	5.04	10468.282	36470.168	3.588	34.2	173.8	NO		NO	bbX

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Compound name: d3-N-MeFOSAA

Response Factor: 0.22657

RRF SD: 0.0202458, Relative SD: 8.93582

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180825M1_2	Standard	12.500	5.22	11487.185	54926.430	2.614	11.5	-7.7	NO		NO	MM
2	180825M1_3	Standard	12.500	5.22	11188.128	49835.133	2.806	12.4	-0.9	NO		NO	MM
3	180825M1_4	Standard	12.500	5.22	12186.484	56134.664	2.714	12.0	-4.2	NO		NO	MM
4	180825M1_5	Standard	12.500	5.22	11858.327	55908.285	2.651	11.7	-6.4	NO		NO	MM
5	180825M1_6	Standard	12.500	5.22	11681.288	55933.047	2.611	11.5	-7.8	NO		NO	MM
6	180825M1_7	Standard	12.500	5.22	12015.514	55550.164	2.704	11.9	-4.5	NO		NO	MM
7	180825M1_8	Standard	12.500	5.22	11104.421	48734.691	2.848	12.6	0.6	NO		NO	MM
8	180825M1_9	Standard	12.500	5.22	10732.121	45592.617	2.942	13.0	3.9	NO		NO	MM
9	180825M1_10	Standard	12.500	5.22	9109.117	38193.918	2.981	13.2	5.3	NO		NO	MM
10	180825M1_11	Standard	12.500	5.22	8565.046	31036.090	3.450	15.2	21.8	NO		NO	MM

Compound name: 13C2-PFUdA

Response Factor: 1.00786

RRF SD: 0.0321845, Relative SD: 3.19337

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180825M1_2	Standard	12.500	5.40	54465.238	54926.430	12.395	12.3	-1.6	NO		NO	bb
2	180825M1_3	Standard	12.500	5.40	50853.914	49835.133	12.756	12.7	1.2	NO		NO	bb
3	180825M1_4	Standard	12.500	5.40	55293.410	56134.664	12.313	12.2	-2.3	NO		NO	bb
4	180825M1_5	Standard	12.500	5.40	55963.727	55908.285	12.512	12.4	-0.7	NO		NO	bb
5	180825M1_6	Standard	12.500	5.40	56235.680	55933.047	12.568	12.5	-0.2	NO		NO	bb
6	180825M1_7	Standard	12.500	5.40	54412.211	55550.164	12.244	12.1	-2.8	NO		NO	bb
7	180825M1_8	Standard	12.500	5.40	48892.016	48734.691	12.540	12.4	-0.5	NO		NO	bb
8	180825M1_9	Standard	12.500	5.40	47815.254	45592.617	13.109	13.0	4.1	NO		NO	bb
9	180825M1_10	Standard	12.500	5.40	37034.793	38193.918	12.121	12.0	-3.8	NO		NO	bb
10	180825M1_11	Standard	12.500	5.40	33331.254	31036.090	13.424	13.3	6.6	NO		NO	bb

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Compound name: d5-N-EtFOSAA

Response Factor: 0.246323

RRF SD: 0.0100316, Relative SD: 4.07253

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	5.38	13919.041	54926.430	3.168	12.9	2.9	NO		NO	MM
2	2 180825M1_3	Standard	12.500	5.38	13062.018	49835.133	3.276	13.3	6.4	NO		NO	MM
3	3 180825M1_4	Standard	12.500	5.38	12891.792	56134.664	2.871	11.7	-6.8	NO		NO	MM
4	4 180825M1_5	Standard	12.500	5.38	13465.099	55908.285	3.011	12.2	-2.2	NO		NO	MM
5	5 180825M1_6	Standard	12.500	5.38	14200.698	55933.047	3.174	12.9	3.1	NO		NO	MM
6	6 180825M1_7	Standard	12.500	5.38	13664.368	55550.164	3.075	12.5	-0.1	NO		NO	MM
7	7 180825M1_8	Standard	12.500	5.38	11931.609	48734.691	3.060	12.4	-0.6	NO		NO	MM
8	8 180825M1_9	Standard	12.500	5.38	11046.248	45592.617	3.029	12.3	-1.6	NO		NO	bb
9	9 180825M1_10	Standard	12.500	5.38	8961.604	38193.918	2.933	11.9	-4.7	NO		NO	bb
10	10 180825M1_11	Standard	12.500	5.37	7932.882	31036.090	3.195	13.0	3.8	NO		NO	bb

Compound name: 13C2-PFDoA

Response Factor: 1.14283

RRF SD: 0.0430038, Relative SD: 3.76292

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	5.69	55780.484	48053.082	14.510	12.7	1.6	NO		NO	bb
2	2 180825M1_3	Standard	12.500	5.69	56550.980	49194.031	14.369	12.6	0.6	NO		NO	bb
3	3 180825M1_4	Standard	12.500	5.69	58259.910	50072.887	14.544	12.7	1.8	NO		NO	bb
4	4 180825M1_5	Standard	12.500	5.69	56419.504	50382.570	13.998	12.2	-2.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	5.69	57762.066	47437.191	15.221	13.3	6.5	NO		NO	bb
6	6 180825M1_7	Standard	12.500	5.69	56606.508	50689.594	13.959	12.2	-2.3	NO		NO	bb
7	7 180825M1_8	Standard	12.500	5.69	48389.852	44534.684	13.582	11.9	-4.9	NO		NO	bb
8	8 180825M1_9	Standard	12.500	5.69	48731.246	41078.773	14.829	13.0	3.8	NO		NO	bb
9	9 180825M1_10	Standard	12.500	5.69	39637.754	36705.762	13.498	11.8	-5.5	NO		NO	bb
10	10 180825M1_11	Standard	12.500	5.69	35578.469	31005.371	14.344	12.6	0.4	NO		NO	bb

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Compound name: d3-N-MeFOSA

Response Factor: 0.066523

RRF SD: 0.00798083, Relative SD: 11.9971

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	150.000	5.79	40362.734	54926.430	9.186	138.1	-7.9	NO		NO	bb
2	2 180825M1_3	Standard	150.000	5.79	40565.926	49835.133	10.175	153.0	2.0	NO		NO	bb
3	3 180825M1_4	Standard	150.000	5.79	40400.258	56134.664	8.996	135.2	-9.8	NO		NO	bb
4	4 180825M1_5	Standard	150.000	5.79	41728.930	55908.285	9.330	140.2	-6.5	NO		NO	bb
5	5 180825M1_6	Standard	150.000	5.79	40882.434	55933.047	9.136	137.3	-8.4	NO		NO	bb
6	6 180825M1_7	Standard	150.000	5.78	40821.469	55550.164	9.186	138.1	-7.9	NO		NO	bb
7	7 180825M1_8	Standard	150.000	5.78	39307.285	48734.691	10.082	151.6	1.0	NO		NO	bb
8	8 180825M1_9	Standard	150.000	5.79	40667.629	45592.617	11.150	167.6	11.7	NO		NO	bb
9	9 180825M1_10	Standard	150.000	5.79	38393.711	38193.918	12.565	188.9	25.9	NO		NO	bb
10	10 180825M1_11	Standard	150.000	5.79	36782.027	31036.090	14.814	222.7	48.5	NO		NO	bbX

Compound name: 13C2-PFTeDA

Response Factor: 0.722996

RRF SD: 0.0646276, Relative SD: 8.93886

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	6.15	36227.949	54926.430	8.245	11.4	-8.8	NO		NO	bb
2	2 180825M1_3	Standard	12.500	6.16	37266.996	49835.133	9.348	12.9	3.4	NO		NO	bb
3	3 180825M1_4	Standard	12.500	6.16	38929.117	56134.664	8.669	12.0	-4.1	NO		NO	bb
4	4 180825M1_5	Standard	12.500	6.16	37410.762	55908.285	8.364	11.6	-7.4	NO		NO	bb
5	5 180825M1_6	Standard	12.500	6.16	38114.887	55933.047	8.518	11.8	-5.7	NO		NO	bb
6	6 180825M1_7	Standard	12.500	6.15	38433.969	55550.164	8.648	12.0	-4.3	NO		NO	bb
7	7 180825M1_8	Standard	12.500	6.15	33242.551	48734.691	8.526	11.8	-5.7	NO		NO	bb
8	8 180825M1_9	Standard	12.500	6.15	35034.137	45592.617	9.605	13.3	6.3	NO		NO	bb
9	9 180825M1_10	Standard	12.500	6.15	29396.207	38193.918	9.621	13.3	6.5	NO		NO	bb
10	10 180825M1_11	Standard	12.500	6.15	26890.797	31036.090	10.830	15.0	19.8	NO		NO	bb

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Compound name: d5-N-ETFOSA

Response Factor: 0.0815812

RRF SD: 0.00843963, Relative SD: 10.3451

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	150.000	6.20	49388.109	54926.430	11.240	137.8	-8.2	NO		NO	bb
2	2 180825M1_3	Standard	150.000	6.21	48542.934	49835.133	12.176	149.2	-0.5	NO		NO	bb
3	3 180825M1_4	Standard	150.000	6.20	50515.547	56134.664	11.249	137.9	-8.1	NO		NO	bb
4	4 180825M1_5	Standard	150.000	6.20	51312.441	55908.285	11.472	140.6	-6.2	NO		NO	bb
5	5 180825M1_6	Standard	150.000	6.20	49834.945	55933.047	11.137	136.5	-9.0	NO		NO	bb
6	6 180825M1_7	Standard	150.000	6.20	51585.074	55550.164	11.608	142.3	-5.1	NO		NO	bb
7	7 180825M1_8	Standard	150.000	6.20	46478.992	48734.691	11.921	146.1	-2.6	NO		NO	MM
8	8 180825M1_9	Standard	150.000	6.20	47104.469	45592.617	12.915	158.3	5.5	NO		NO	bb
9	9 180825M1_10	Standard	150.000	6.21	41656.836	38193.918	13.633	167.1	11.4	NO		NO	bb
10	10 180825M1_11	Standard	150.000	6.21	37295.145	31036.090	15.021	184.1	22.7	NO		NO	bb

Compound name: 13C2-PFHxDA

Response Factor: 0.91824

RRF SD: 0.109315, Relative SD: 11.9048

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	5.000	6.49	17802.096	54926.430	4.051	4.4	-11.8	NO		NO	bb
2	2 180825M1_3	Standard	5.000	6.49	18814.943	49835.133	4.719	5.1	2.8	NO		NO	bb
3	3 180825M1_4	Standard	5.000	6.49	19371.545	56134.664	4.314	4.7	-6.0	NO		NO	bb
4	4 180825M1_5	Standard	5.000	6.49	19435.889	55908.285	4.345	4.7	-5.4	NO		NO	bb
5	5 180825M1_6	Standard	5.000	6.49	19019.424	55933.047	4.250	4.6	-7.4	NO		NO	bb
6	6 180825M1_7	Standard	5.000	6.49	18873.260	55550.164	4.247	4.6	-7.5	NO		NO	bb
7	7 180825M1_8	Standard	5.000	6.49	16810.154	48734.691	4.312	4.7	-6.1	NO		NO	bb
8	8 180825M1_9	Standard	5.000	6.49	16889.730	45592.617	4.631	5.0	0.9	NO		NO	bb
9	9 180825M1_10	Standard	5.000	6.49	15906.660	38193.918	5.206	5.7	13.4	NO		NO	bb
10	10 180825M1_11	Standard	5.000	6.49	14491.854	31036.090	5.837	6.4	27.1	NO		NO	bb

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Compound name: d7-N-MeFOSE

Response Factor: 0.0540007

RRF SD: 0.00733238, Relative SD: 13.5783

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	150.000	6.35	32525.436	54926.430	7.402	137.1	-8.6	NO		NO	bb
2	2 180825M1_3	Standard	150.000	6.35	32864.008	49835.133	8.243	152.6	1.8	NO		NO	bb
3	3 180825M1_4	Standard	150.000	6.35	33084.590	56134.664	7.367	136.4	-9.0	NO		NO	bb
4	4 180825M1_5	Standard	150.000	6.35	32789.402	55908.285	7.331	135.8	-9.5	NO		NO	bb
5	5 180825M1_6	Standard	150.000	6.35	33414.426	55933.047	7.468	138.3	-7.8	NO		NO	bb
6	6 180825M1_7	Standard	150.000	6.35	33056.074	55550.164	7.438	137.7	-8.2	NO		NO	bb
7	7 180825M1_8	Standard	150.000	6.35	31215.148	48734.691	8.006	148.3	-1.2	NO		NO	bb
8	8 180825M1_9	Standard	150.000	6.35	32931.242	45592.617	9.029	167.2	11.5	NO		NO	bb
9	9 180825M1_10	Standard	150.000	6.35	32438.771	38193.918	10.616	196.6	31.1	NO		NO	MM
10	10 180825M1_11	Standard	150.000	6.35	31542.102	31036.090	12.704	235.3	56.8	NO		NO	bbX

Compound name: d9-N-EtFOSE

Response Factor: 0.0536639

RRF SD: 0.00630675, Relative SD: 11.7523

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	150.000	6.50	33727.480	54926.430	7.676	143.0	-4.6	NO		NO	bb
2	2 180825M1_3	Standard	150.000	6.50	31748.770	49835.133	7.963	148.4	-1.1	NO		NO	bb
3	3 180825M1_4	Standard	150.000	6.50	32803.797	56134.664	7.305	136.1	-9.3	NO		NO	bb
4	4 180825M1_5	Standard	150.000	6.50	33507.297	55908.285	7.492	139.6	-6.9	NO		NO	bb
5	5 180825M1_6	Standard	150.000	6.50	33348.363	55933.047	7.453	138.9	-7.4	NO		NO	bb
6	6 180825M1_7	Standard	150.000	6.50	33088.641	55550.164	7.446	138.7	-7.5	NO		NO	bb
7	7 180825M1_8	Standard	150.000	6.50	31212.320	48734.691	8.006	149.2	-0.5	NO		NO	bb
8	8 180825M1_9	Standard	150.000	6.50	32398.092	45592.617	8.882	165.5	10.3	NO		NO	bb
9	9 180825M1_10	Standard	150.000	6.50	31240.508	38193.918	10.224	190.5	27.0	NO		NO	bb
10	10 180825M1_11	Standard	150.000	6.50	29783.600	31036.090	11.996	223.5	49.0	NO		NO	bbX

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Compound name: 13C4-PFBA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	1.28	23680.709	23680.709	12.500	12.5	0.0	NO		NO	bb
2	2 180825M1_3	Standard	12.500	1.29	23268.602	23268.602	12.500	12.5	0.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	1.28	25067.805	25067.805	12.500	12.5	0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	1.28	24942.783	24942.783	12.500	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	1.29	25187.389	25187.389	12.500	12.5	0.0	NO		NO	bb
6	6 180825M1_7	Standard	12.500	1.28	25245.125	25245.125	12.500	12.5	0.0	NO		NO	bb
7	7 180825M1_8	Standard	12.500	1.29	23058.943	23058.943	12.500	12.5	0.0	NO		NO	bb
8	8 180825M1_9	Standard	12.500	1.28	23577.033	23577.033	12.500	12.5	0.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	1.29	22676.920	22676.920	12.500	12.5	0.0	NO		NO	MM
10	10 180825M1_11	Standard	12.500	1.28	20121.697	20121.697	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	3.08	49839.055	49839.055	12.500	12.5	0.0	NO		NO	bb
2	2 180825M1_3	Standard	12.500	3.08	52068.172	52068.172	12.500	12.5	0.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	3.08	54141.660	54141.660	12.500	12.5	0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	3.08	54412.723	54412.723	12.500	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	3.08	52417.742	52417.742	12.500	12.5	0.0	NO		NO	bb
6	6 180825M1_7	Standard	12.500	3.08	54158.086	54158.086	12.500	12.5	0.0	NO		NO	bb
7	7 180825M1_8	Standard	12.500	3.08	47279.332	47279.332	12.500	12.5	0.0	NO		NO	bb
8	8 180825M1_9	Standard	12.500	3.08	46735.293	46735.293	12.500	12.5	0.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	3.08	40374.965	40374.965	12.500	12.5	0.0	NO		NO	bb
10	10 180825M1_11	Standard	12.500	3.08	34603.719	34603.719	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C3-PFHxS

Response Factor: 1
 RRF SD: 0, Relative SD: 0
 Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	3.86	5994.866	5994.866	12.500	12.5	0.0	NO		NO	bb
2	2 180825M1_3	Standard	12.500	3.87	5959.455	5959.455	12.500	12.5	0.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	3.87	6234.935	6234.935	12.500	12.5	0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	3.87	6231.728	6231.728	12.500	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	3.87	6319.887	6319.887	12.500	12.5	0.0	NO		NO	bb
6	6 180825M1_7	Standard	12.500	3.87	6166.924	6166.924	12.500	12.5	0.0	NO		NO	bb
7	7 180825M1_8	Standard	12.500	3.86	5514.756	5514.756	12.500	12.5	0.0	NO		NO	bb
8	8 180825M1_9	Standard	12.500	3.87	5402.819	5402.819	12.500	12.5	0.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	3.87	4555.075	4555.075	12.500	12.5	0.0	NO		NO	bb
10	10 180825M1_11	Standard	12.500	3.87	3658.068	3658.068	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C8-PFOA

Response Factor: 1
 RRF SD: 0, Relative SD: 0
 Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	4.24	54990.996	54990.996	12.500	12.5	0.0	NO		NO	bb
2	2 180825M1_3	Standard	12.500	4.24	54561.387	54561.387	12.500	12.5	0.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	4.24	56715.457	56715.457	12.500	12.5	0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	4.24	56384.563	56384.563	12.500	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	4.24	57218.746	57218.746	12.500	12.5	0.0	NO		NO	bb
6	6 180825M1_7	Standard	12.500	4.24	57523.266	57523.266	12.500	12.5	0.0	NO		NO	bb
7	7 180825M1_8	Standard	12.500	4.24	51004.988	51004.988	12.500	12.5	0.0	NO		NO	bb
8	8 180825M1_9	Standard	12.500	4.24	49451.352	49451.352	12.500	12.5	0.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	4.24	43362.840	43362.840	12.500	12.5	0.0	NO		NO	bb
10	10 180825M1_11	Standard	12.500	4.24	36470.168	36470.168	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C9-PFNA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	4.69	49040.043	49040.043	12.500	12.5	0.0	NO		NO	bb
2	2 180825M1_3	Standard	12.500	4.69	49243.359	49243.359	12.500	12.5	0.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	4.69	49402.863	49402.863	12.500	12.5	0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	4.69	50406.000	50406.000	12.500	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	4.69	49381.113	49381.113	12.500	12.5	0.0	NO		NO	bb
6	6 180825M1_7	Standard	12.500	4.69	49272.086	49272.086	12.500	12.5	0.0	NO		NO	bb
7	7 180825M1_8	Standard	12.500	4.69	43523.379	43523.379	12.500	12.5	0.0	NO		NO	bb
8	8 180825M1_9	Standard	12.500	4.69	42780.391	42780.391	12.500	12.5	0.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	4.69	36738.730	36738.730	12.500	12.5	0.0	NO		NO	bb
10	10 180825M1_11	Standard	12.500	4.69	30562.049	30562.049	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	4.78	6716.918	6716.918	12.500	12.5	0.0	NO		NO	bb
2	2 180825M1_3	Standard	12.500	4.78	6814.601	6814.601	12.500	12.5	0.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	4.78	6662.014	6662.014	12.500	12.5	0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	4.78	7053.008	7053.008	12.500	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	4.78	6904.807	6904.807	12.500	12.5	0.0	NO		NO	bb
6	6 180825M1_7	Standard	12.500	4.78	6801.880	6801.880	12.500	12.5	0.0	NO		NO	bb
7	7 180825M1_8	Standard	12.500	4.77	6219.460	6219.460	12.500	12.5	0.0	NO		NO	bb
8	8 180825M1_9	Standard	12.500	4.78	5903.219	5903.219	12.500	12.5	0.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	4.78	5037.450	5037.450	12.500	12.5	0.0	NO		NO	bb
10	10 180825M1_11	Standard	12.500	4.78	4484.043	4484.043	12.500	12.5	0.0	NO		NO	bd

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:56:38 Pacific Daylight Time
 Printed: Sunday, August 26, 2018 13:57:48 Pacific Daylight Time

Compound name: 13C6-PFDA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	5.07	48053.082	48053.082	12.500	12.5	0.0	NO		NO	bb
2	2 180825M1_3	Standard	12.500	5.07	49194.031	49194.031	12.500	12.5	0.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	5.07	50072.887	50072.887	12.500	12.5	0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	5.07	50382.570	50382.570	12.500	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	5.07	47437.191	47437.191	12.500	12.5	0.0	NO		NO	bb
6	6 180825M1_7	Standard	12.500	5.07	50689.594	50689.594	12.500	12.5	0.0	NO		NO	bb
7	7 180825M1_8	Standard	12.500	5.07	44534.684	44534.684	12.500	12.5	0.0	NO		NO	bb
8	8 180825M1_9	Standard	12.500	5.07	41078.773	41078.773	12.500	12.5	0.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	5.07	36705.762	36705.762	12.500	12.5	0.0	NO		NO	bb
10	10 180825M1_11	Standard	12.500	5.07	31005.371	31005.371	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C7-PFUdA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	5.40	54926.430	54926.430	12.500	12.5	0.0	NO		NO	bb
2	2 180825M1_3	Standard	12.500	5.40	49835.133	49835.133	12.500	12.5	0.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	5.40	56134.664	56134.664	12.500	12.5	0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	5.40	55908.285	55908.285	12.500	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	5.40	55933.047	55933.047	12.500	12.5	0.0	NO		NO	bb
6	6 180825M1_7	Standard	12.500	5.40	55550.164	55550.164	12.500	12.5	0.0	NO		NO	bb
7	7 180825M1_8	Standard	12.500	5.40	48734.691	48734.691	12.500	12.5	0.0	NO		NO	bb
8	8 180825M1_9	Standard	12.500	5.40	45592.617	45592.617	12.500	12.5	0.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	5.40	38193.918	38193.918	12.500	12.5	0.0	NO		NO	bb
10	10 180825M1_11	Standard	12.500	5.40	31036.090	31036.090	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:56:38 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:59:44 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Name: 180825M1_2, Date: 25-Aug-2018, Time: 13:42:57, ID: ST180825M1-1 PFC CS-2 18H2102, Description: PFC CS-2 18H2102

	#	Name	IS#	CoD	CoD Flag	%RSD
1	1	PFBA	36	0.9986	NO	
2	2	PFPeA	37	0.9995	NO	
3	3	PFBS	38	0.9990	NO	
4	4	4:2 FTS	39	0.9992	NO	
5	5	PFHxA	40	0.9992	NO	
6	6	PFPeS	38	0.9988	NO	
7	7	PFHpA	41	0.9985	NO	
8	8	L-PFHxS	42	0.9975	NO	
9	10	6:2 FTS	43	0.9994	NO	
10	11	L-PFOA	44	0.9994	NO	
11	13	PFHpS	47	0.9995	NO	
12	14	PFNA	45	0.9997	NO	
13	15	PFOSA	46	0.9979	NO	
14	16	L-PFOS	47	0.9993	NO	
15	18	PFDA	48	0.9989	NO	
16	19	8:2 FTS	49	0.9994	NO	
17	20	PFNS	47	0.9996	NO	
18	21	L-MeFOSAA	50	0.9984	NO	
19	23	L-EtFOSAA	52	0.9981	NO	

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:56:38 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:59:50 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Name: 180825M1_2, Date: 25-Aug-2018, Time: 13:42:57, ID: ST180825M1-1 PFC CS-2 18H2102, Description: PFC CS-2 18H2102

#	Name	IS#	CoD	CoD Flag	%RSD
1	25 PFUdA	51	0.9976	NO	
2	26 PFDS	47	0.9997	NO	
3	27 PFDoA	53	0.9984	NO	
4	28 N-MeFOSA	54	0.9991	NO	
5	29 PFTrDA	53	0.9980	NO	
6	30 PFTeDA	55	0.9991	NO	
7	31 N-EtFOSA	56	0.9995	NO	
8	32 PFHxDA	57	0.9999	NO	
9	33 PFODA	57	0.9994	NO	
10	34 N-MeFOSE	58	0.9998	NO	
11	35 N-EtFOSE	59	0.9997	NO	
12	36 13C3-PFBA	60		NO	1.418
13	37 13C3-PFPeA	61		NO	2.553
14	38 13C3-PFBS	61		NO	3.369
15	39 13C2-4:2 FTS	61		NO	8.886
16	40 13C2-PFHxA	61		NO	3.036
17	41 13C4-PFHpA	61		NO	3.680
18	42 18O2-PFHxS	62		NO	4.140
19	43 13C2-6:2 FTS	63		NO	9.883
20	44 13C2-PFOA	63		NO	2.230
21	45 13C5-PFNA	64		NO	1.391
22	46 13C8-PFOSA	67		NO	5.491
23	47 13C8-PFOS	65		NO	4.671
24	48 13C2-PFDA	66		NO	4.972
25	49 13C2-8:2 FTS	63		NO	14.239
26	50 d3-N-MeFOSAA	67		NO	8.936
27	51 13C2-PFUdA	67		NO	3.193
28	52 d5-N-EtFOSAA	67		NO	4.073
29	53 13C2-PFDoA	66		NO	3.763
30	54 d3-N-MeFOSA	67		NO	11.997
31	55 13C2-PFTeDA	67		NO	8.939

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:56:38 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:59:50 Pacific Daylight Time

Name: 180825M1_2, Date: 25-Aug-2018, Time: 13:42:57, ID: ST180825M1-1 PFC CS-2 18H2102, Description: PFC CS-2 18H2102

#	Name	IS#	CoD	CoD Flag	%RSD
32	56 d5-N-ETFOSA	67		NO	10.345
33	57 13C2-PFHxDA	67		NO	11.905
34	58 d7-N-MeFOSE	67		NO	13.578
35	59 d9-N-EtFOSE	67		NO	11.752
36	60 13C4-PFBA	60		NO	0.000
37	61 13C5-PFHxA	61		NO	0.000
38	62 13C3-PFHxS	62		NO	0.000
39	63 13C8-PFOA	63		NO	0.000
40	64 13C9-PFNA	64		NO	0.000
41	65 13C4-PFOS	65		NO	0.000
42	66 13C6-PFDA	66		NO	0.000
43	67 13C7-PFUdA	67		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:10:56 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:06:13

Name: 180825M1_7, Date: 25-Aug-2018, Time: 14:35:59, ID: ST180825M1-6 PFC CS3 18H2107, Description: PFC CS3 18H2107

	Name	Ion Ratio	Ratio out?
1	PFBA		
2	PFPeA		
3	PFBS	2.816	NO
4	4:2 FTS	1.730	NO
5	PFHxA	15.151	NO
6	PFPeS	1.681	NO
7	PFHpA	23.106	NO
8	L-PFHxS	1.688	NO
9	6:2 FTS	2.820	NO
10	L-PFOA	3.473	NO
11	PFHpS	1.675	NO
12	PFNA	5.344	NO
13	PFOSA	32.315	NO
14	L-PFOS	1.927	NO
15	PFDA	6.681	NO
16	8:2 FTS	2.377	NO
17	PFNS	1.637	NO
18	L-MeFOSAA	2.611	NO
19	L-EtFOSAA	1.440	NO

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:11:02 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:06:13

Name: 180825M1_7, Date: 25-Aug-2018, Time: 14:35:59, ID: ST180825M1-6 PFC CS3 18H2107, Description: PFC CS3 18H2107

	Name	Ion Ratio	Ratio out?
1	PFUdA	12.603	NO
2	PFDS	1.664	NO
3	PFDoA	8.545	NO
4	N-MeFOSA	1.471	NO
5	PFTTrDA	33.819	NO
6	PFTeDA	12.001	NO
7	N-EtFOSA	1.511	NO
8	PFHxDA	36.374	NO
9	PFODA		
10	N-MeFOSE		
11	N-EtFOSE		

Dataset: Untitled

Last Altered: Sunday, August 26, 2018 13:15:11 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:15:22 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:06:13

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
1	1	180825M1_1	IPA	25-Aug-18	13:32:22
2	2	180825M1_2	ST180825M1-1 PFC CS-2 18H2102	25-Aug-18	13:42:57
3	3	180825M1_3	ST180825M1-2 PFC CS-1 18H2103	25-Aug-18	13:53:35
4	4	180825M1_4	ST180825M1-3 PFC CS0 18H2104	25-Aug-18	14:04:14
5	5	180825M1_5	ST180825M1-4 PFC CS1 18H2105	25-Aug-18	14:14:47
6	6	180825M1_6	ST180825M1-5 PFC CS2 18H2106	25-Aug-18	14:25:25
7	7	180825M1_7	ST180825M1-6 PFC CS3 18H2107	25-Aug-18	14:35:59
8	8	180825M1_8	ST180825M1-7 PFC CS4 18H2108	25-Aug-18	14:46:37
9	9	180825M1_9	ST180825M1-8 PFC CS5 18H2109	25-Aug-18	14:57:09
10	10	180825M1_10	ST180825M1-9 PFC CS6 18H2110	25-Aug-18	15:07:47
11	11	180825M1_11	ST180825M1-10 PFC CS7 18H2111	25-Aug-18	15:18:19
12	12	180825M1_12	IPA	25-Aug-18	15:28:58
13	13	180825M1_13	ICV180825M1-1 PFC 537 ICV 18H2112	25-Aug-18	15:39:31

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:06:13

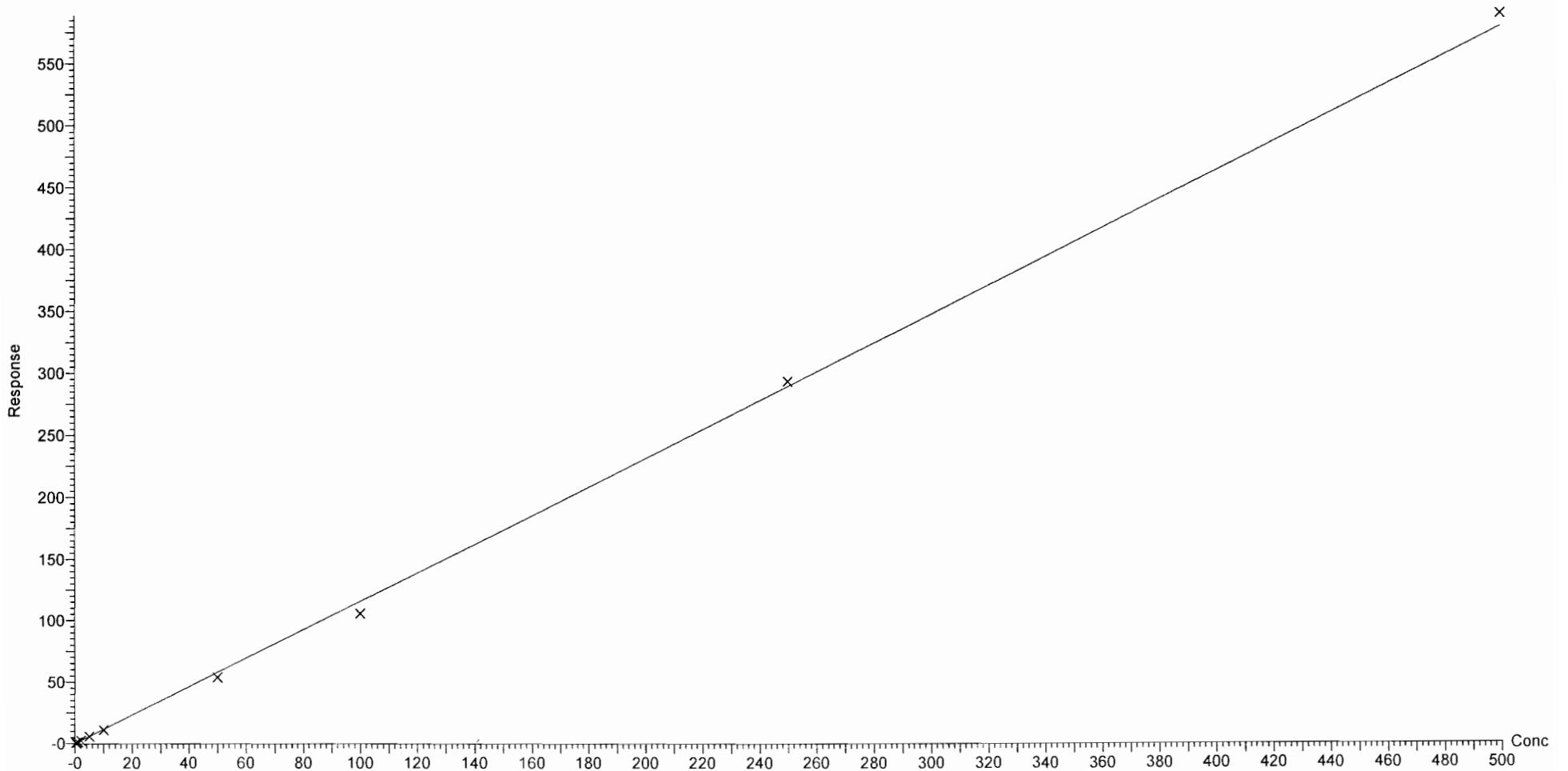
Compound name: PFBA

Correlation coefficient: $r = 0.999319$, $r^2 = 0.998638$

Calibration curve: $1.15617 * x + 0.0148209$

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

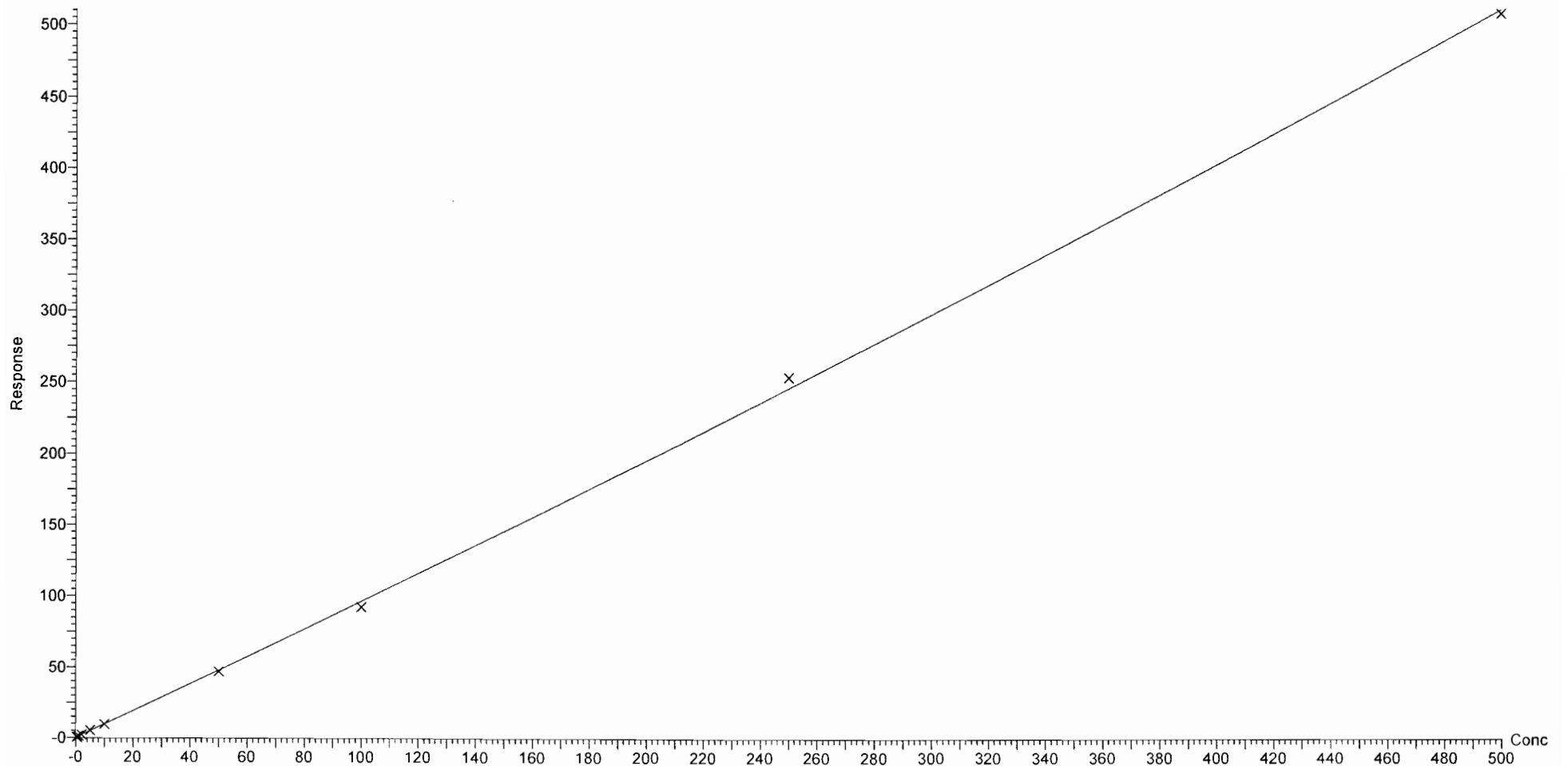
Compound name: PFPeA

Coefficient of Determination: $R^2 = 0.999514$

Calibration curve: $0.000144741 * x^2 + 0.948444 * x + 0.0666422$

Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)

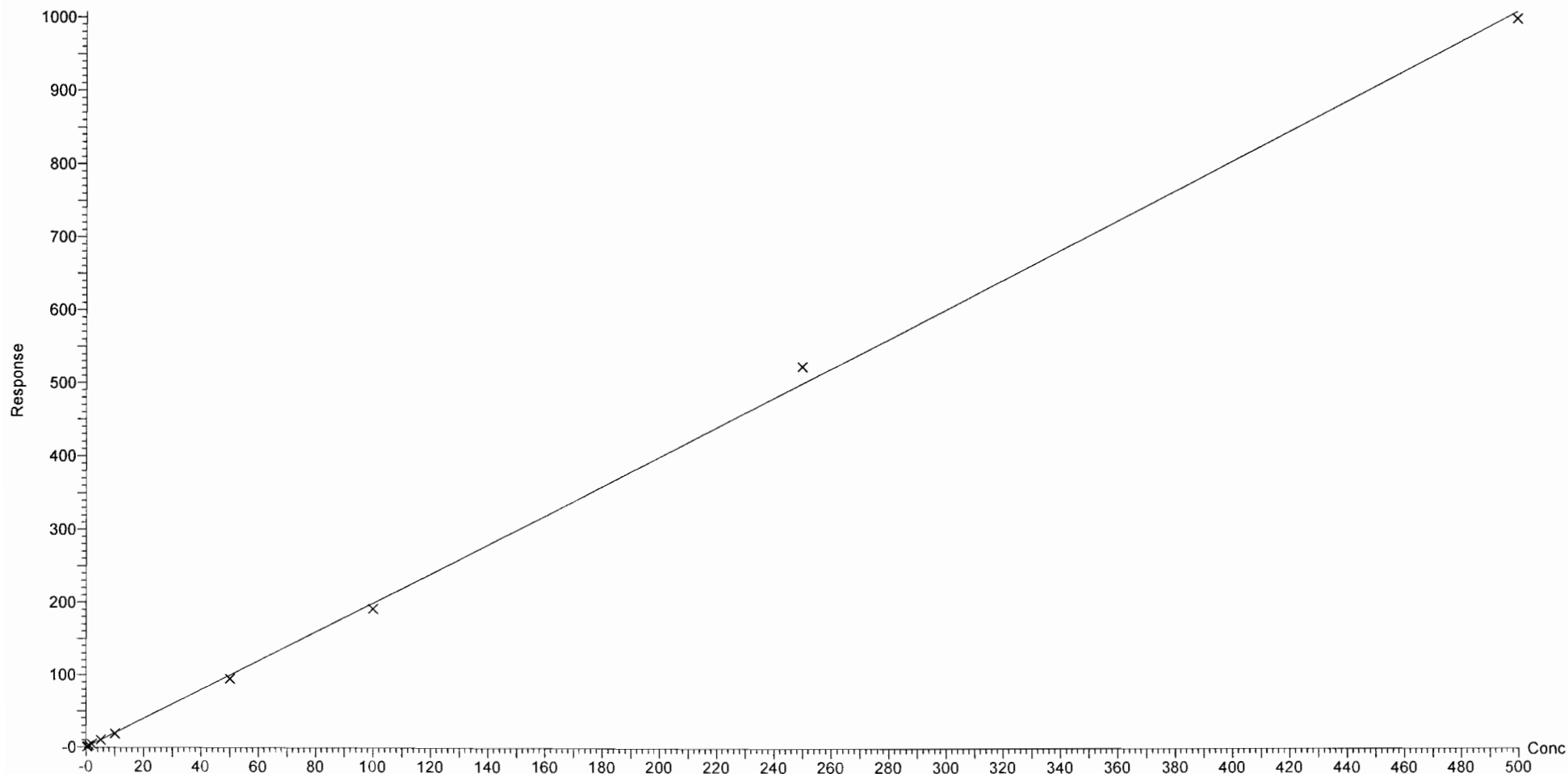
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time
Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

Compound name: PFBS
Coefficient of Determination: $R^2 = 0.998993$
Calibration curve: $5.3431e-005 * x^2 + 1.98654 * x + 0.0349718$
Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

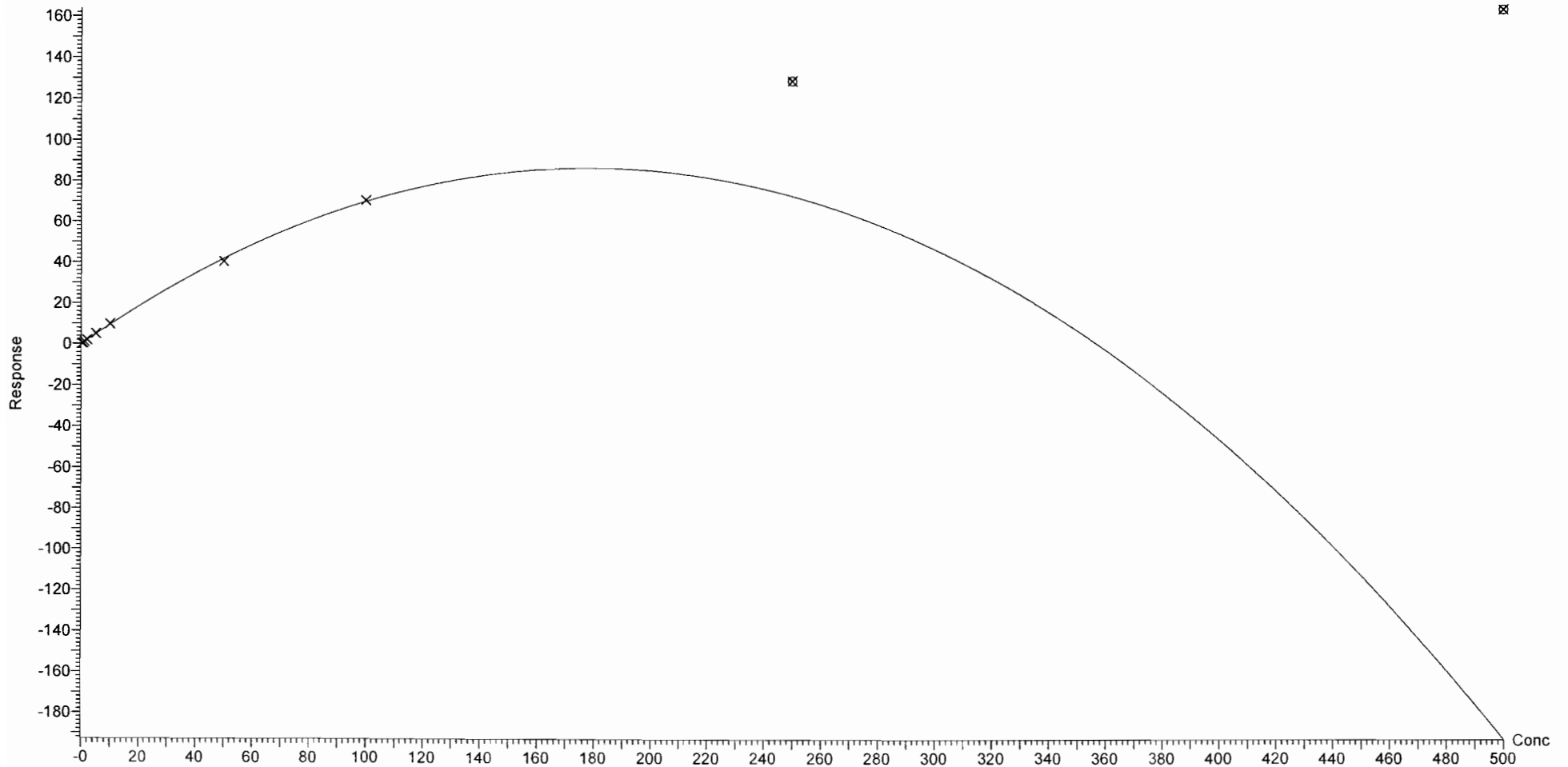
Compound name: 4:2 FTS

Coefficient of Determination: $R^2 = 0.999180$

Calibration curve: $-0.00270822 * x^2 + 0.96845 * x + 0.0731081$

Response type: Internal Std (Ref 39), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

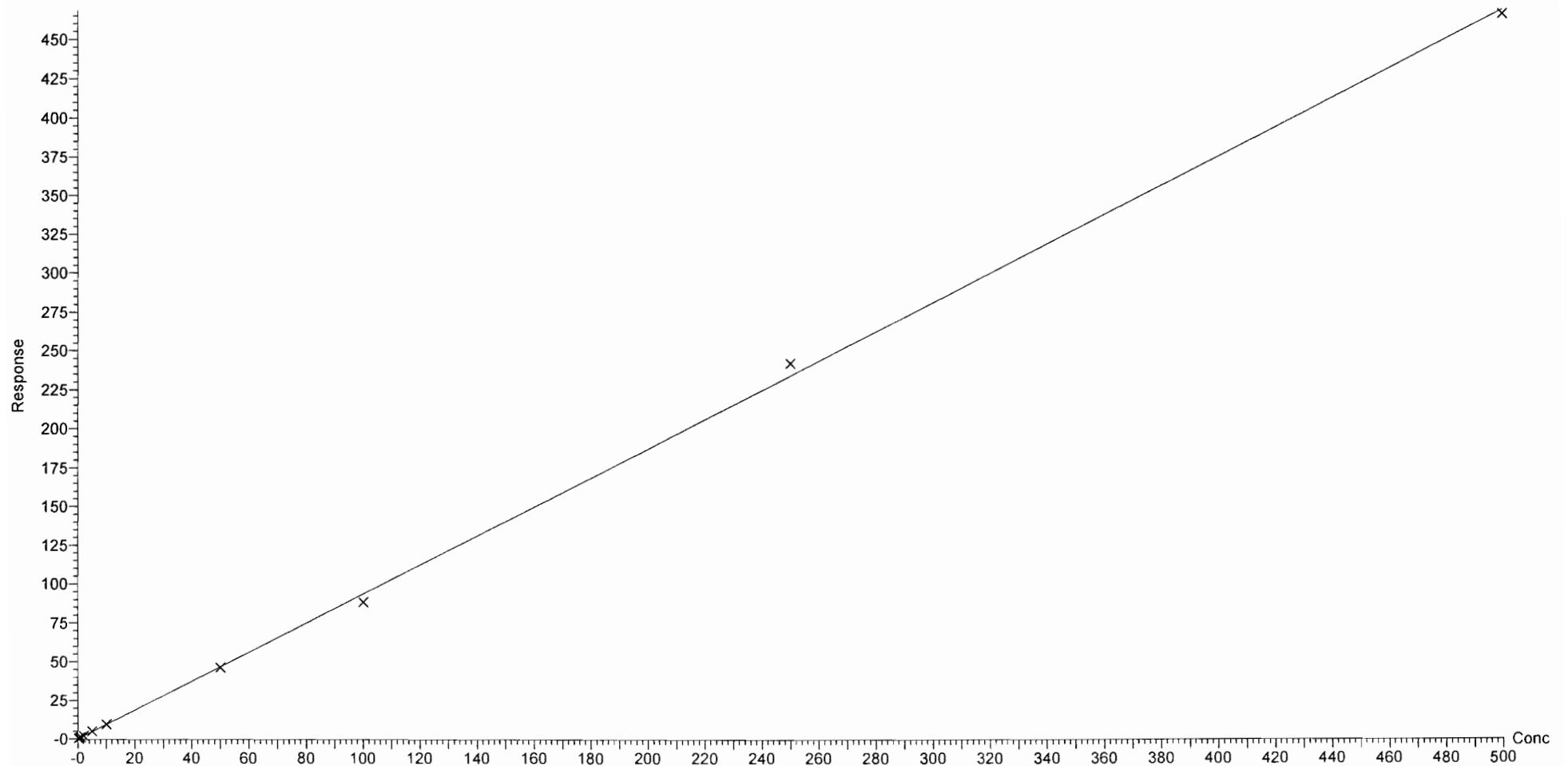
Compound name: PFHxA

Coefficient of Determination: $R^2 = 0.999220$

Calibration curve: $7.04522e-007 * x^2 + 0.935981 * x + 0.0590134$

Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

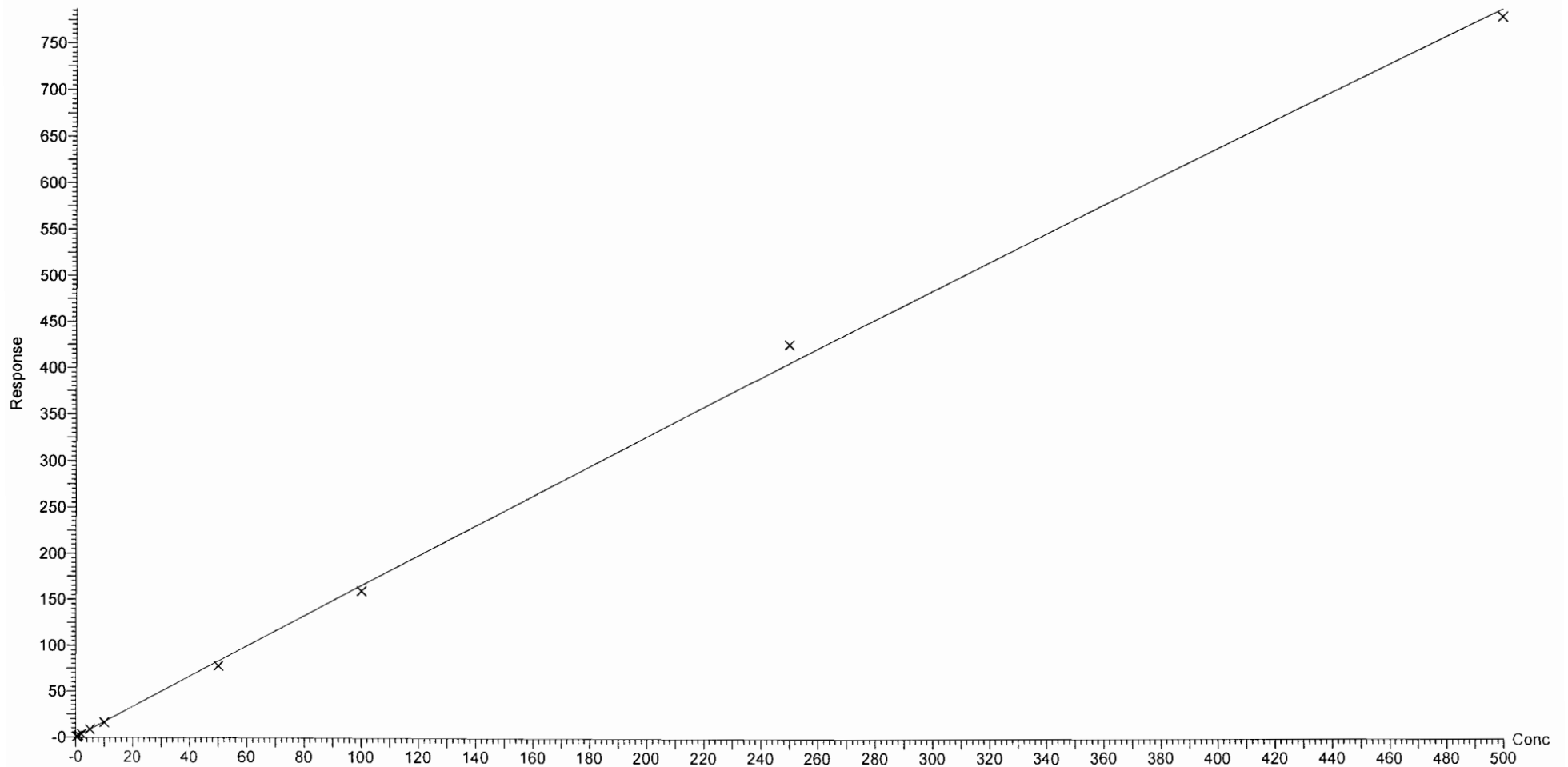


Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

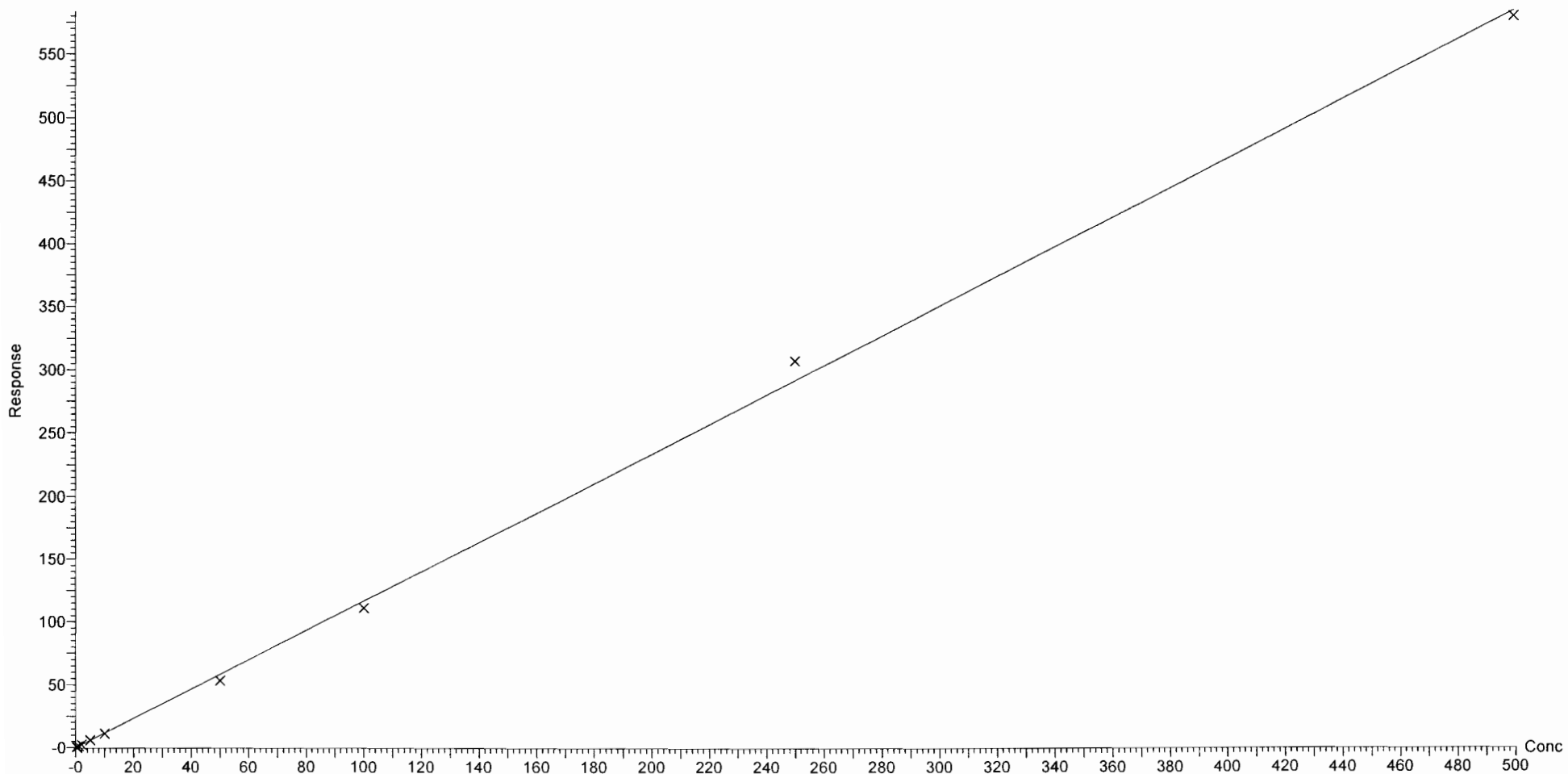
Compound name: PFPeS
Coefficient of Determination: $R^2 = 0.998782$
Calibration curve: $-0.000202992 * x^2 + 1.67569 * x + 0.00949485$
Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time
Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

Compound name: PFHpA
Correlation coefficient: $r = 0.999254$, $r^2 = 0.998508$
Calibration curve: $1.16602 * x + 0.0435023$
Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

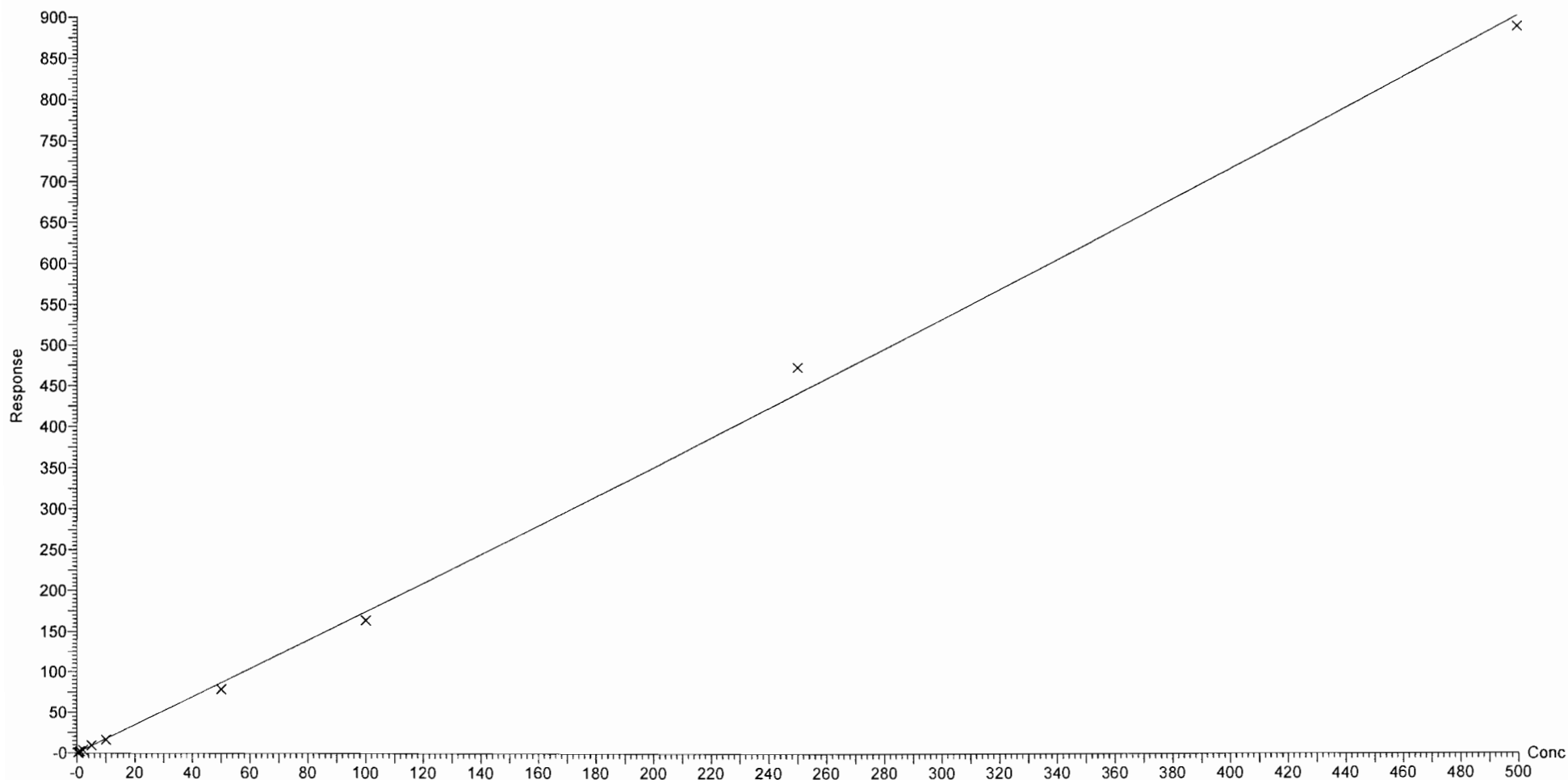
Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.997546$

Calibration curve: $0.000151543 * x^2 + 1.72502 * x + 0.0135457$

Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)

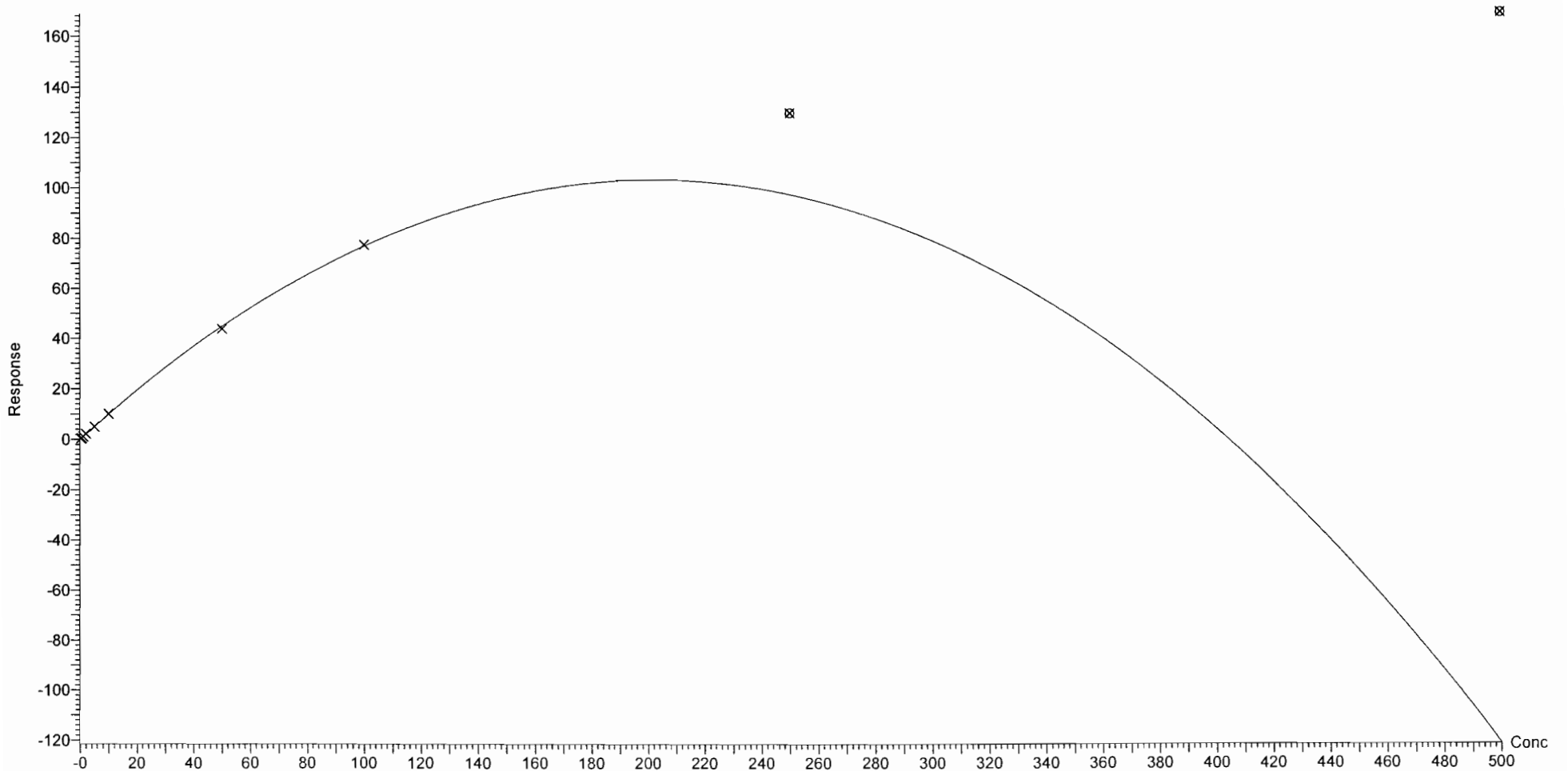
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time
Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

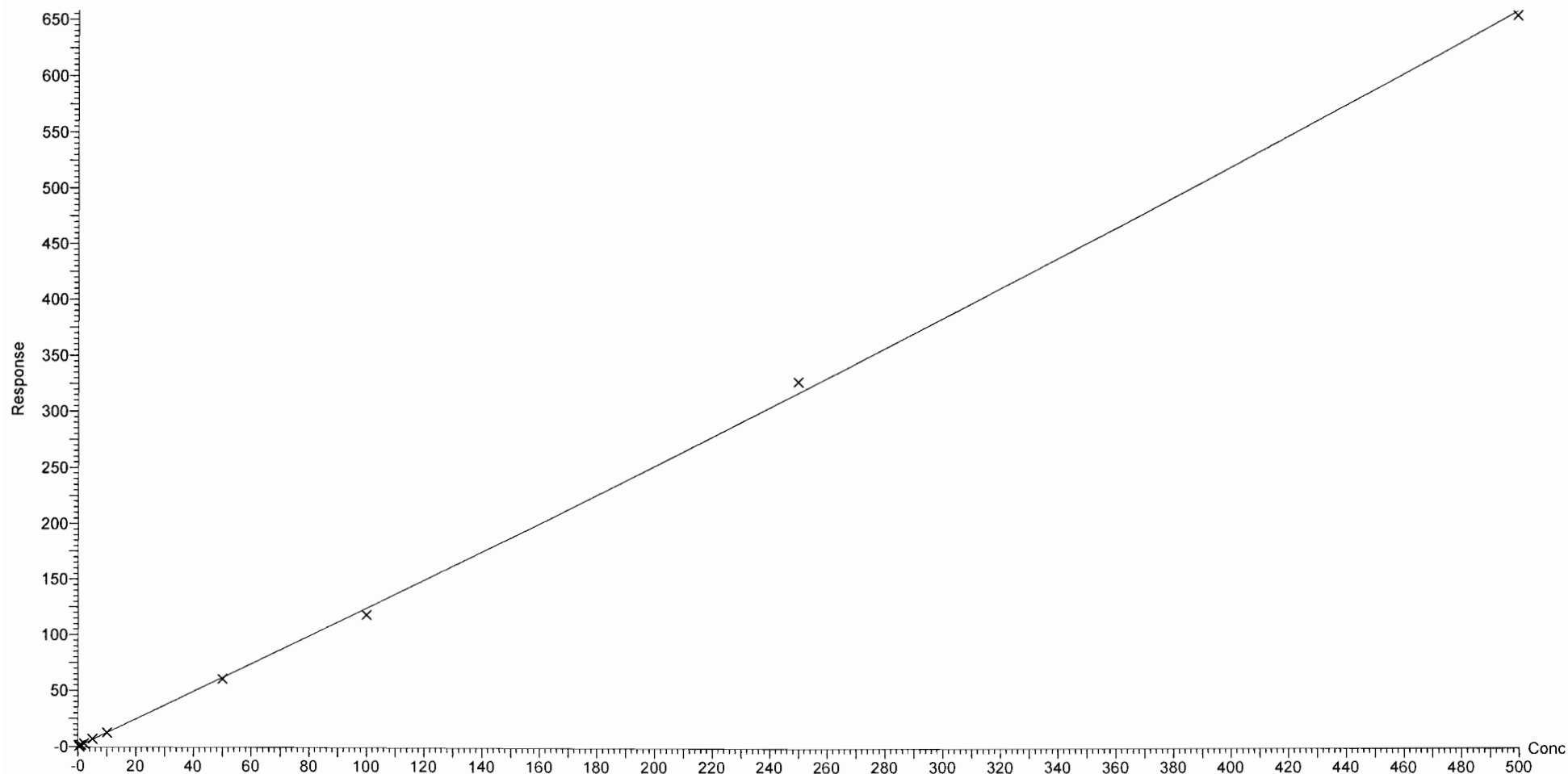
Compound name: 6:2 FTS
Coefficient of Determination: $R^2 = 0.999439$
Calibration curve: $-0.00252762 * x^2 + 1.02117 * x + 0.0388615$
Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time
Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

Compound name: L-PFOA
Coefficient of Determination: $R^2 = 0.999409$
Calibration curve: $0.000181142 * x^2 + 1.22455 * x + 0.13836$
Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

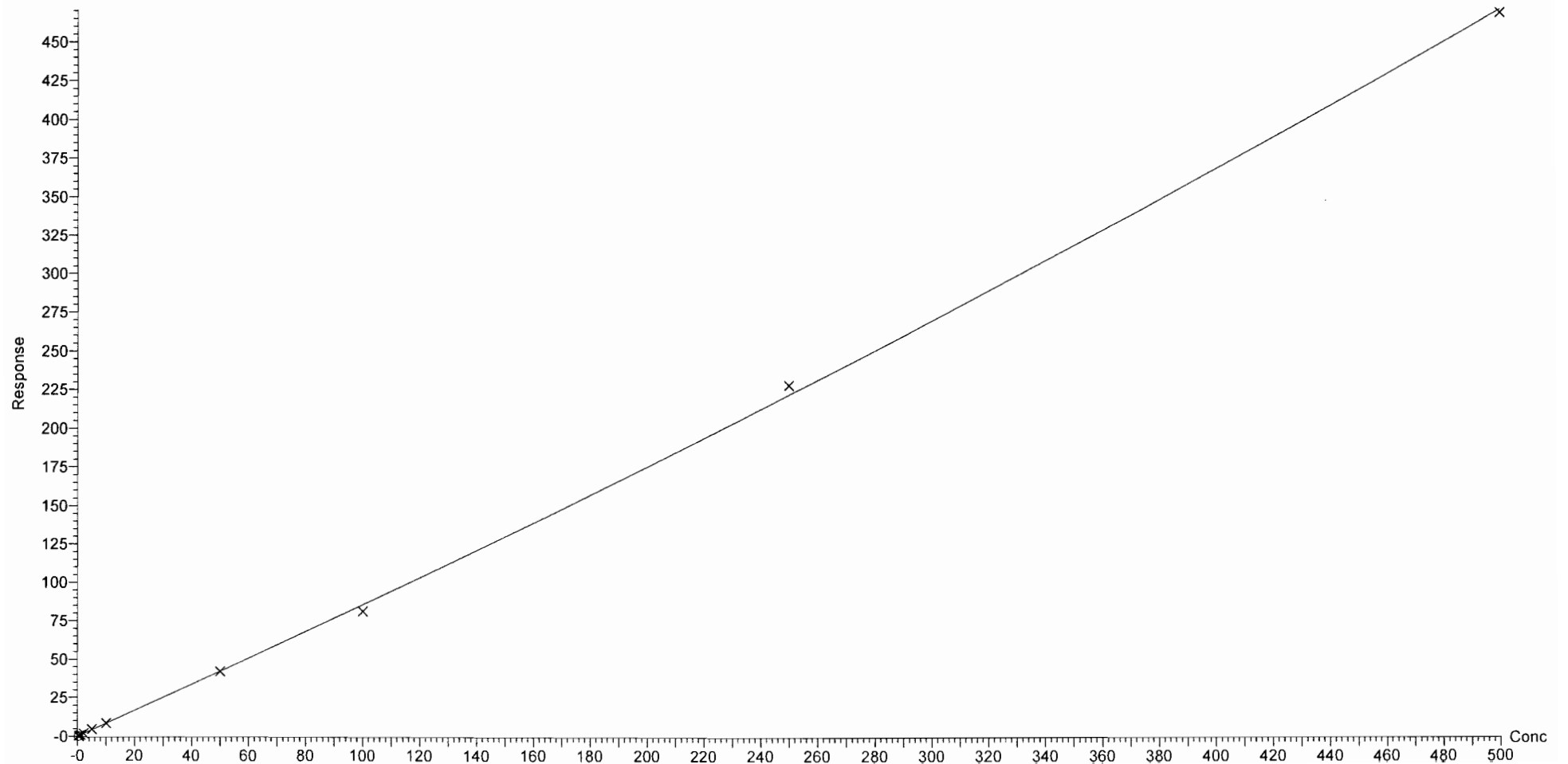
Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.999506$

Calibration curve: $0.000214586 * x^2 + 0.833847 * x + 0.0996653$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

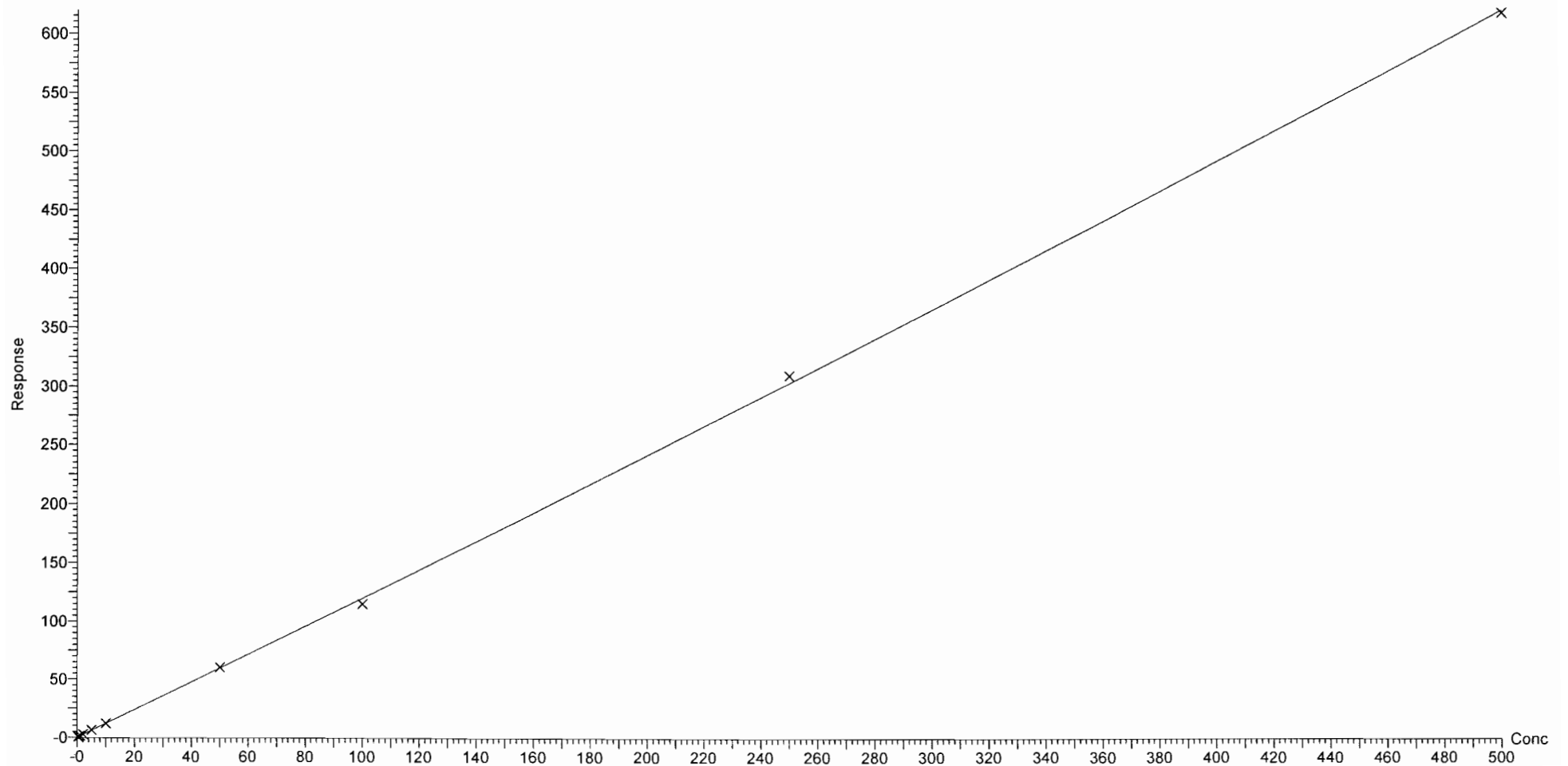
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999666$

Calibration curve: $0.0001028 * x^2 + 1.18741 * x + 0.0680712$

Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

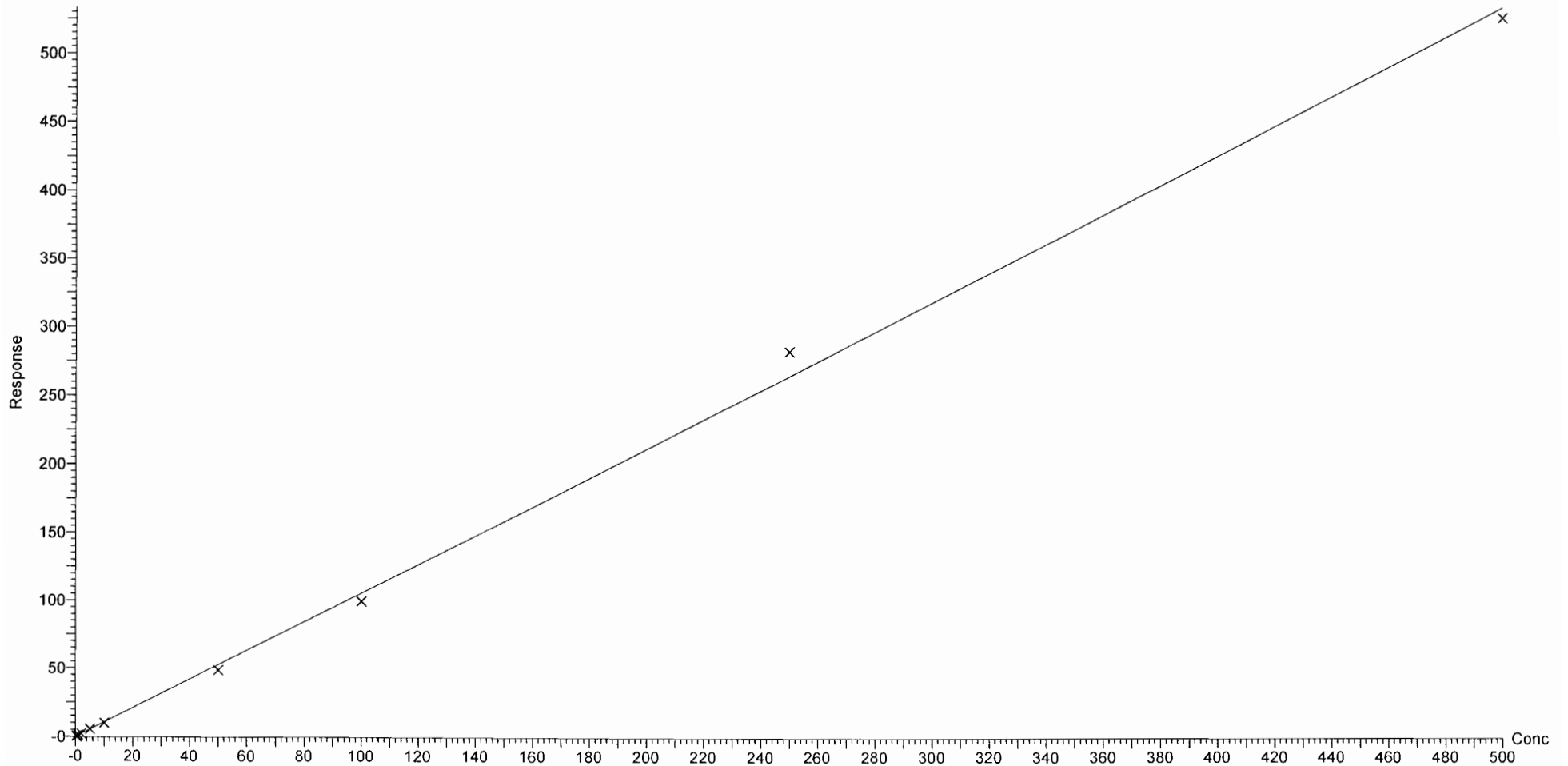


Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

Compound name: PFOSA
Coefficient of Determination: $R^2 = 0.997902$
Calibration curve: $2.85671e-005 * x^2 + 1.05136 * x + -0.00472244$
Response type: Internal Std (Ref 46), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

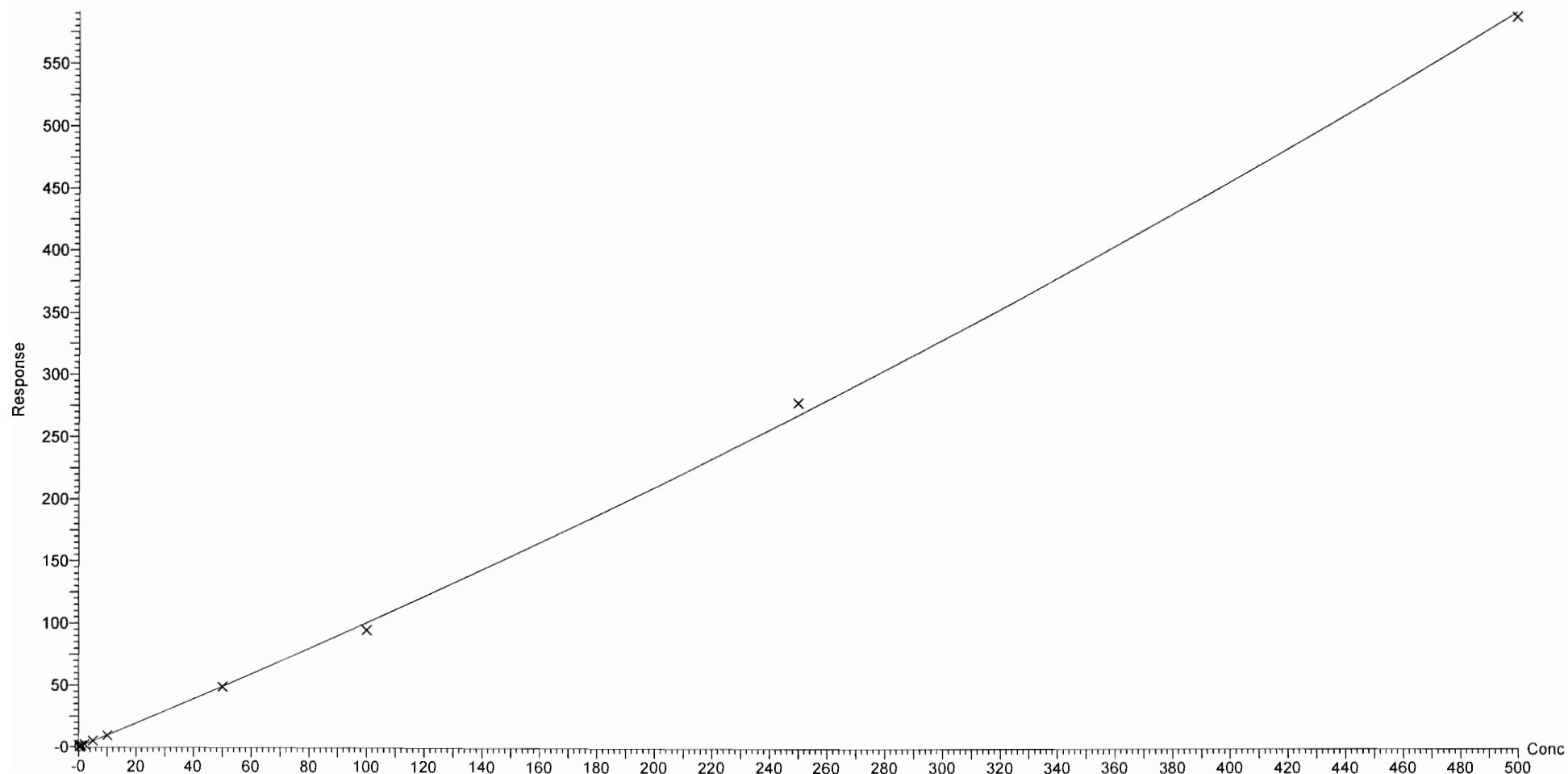
Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.999307$

Calibration curve: $0.00043701 * x^2 + 0.964414 * x + 0.0441341$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

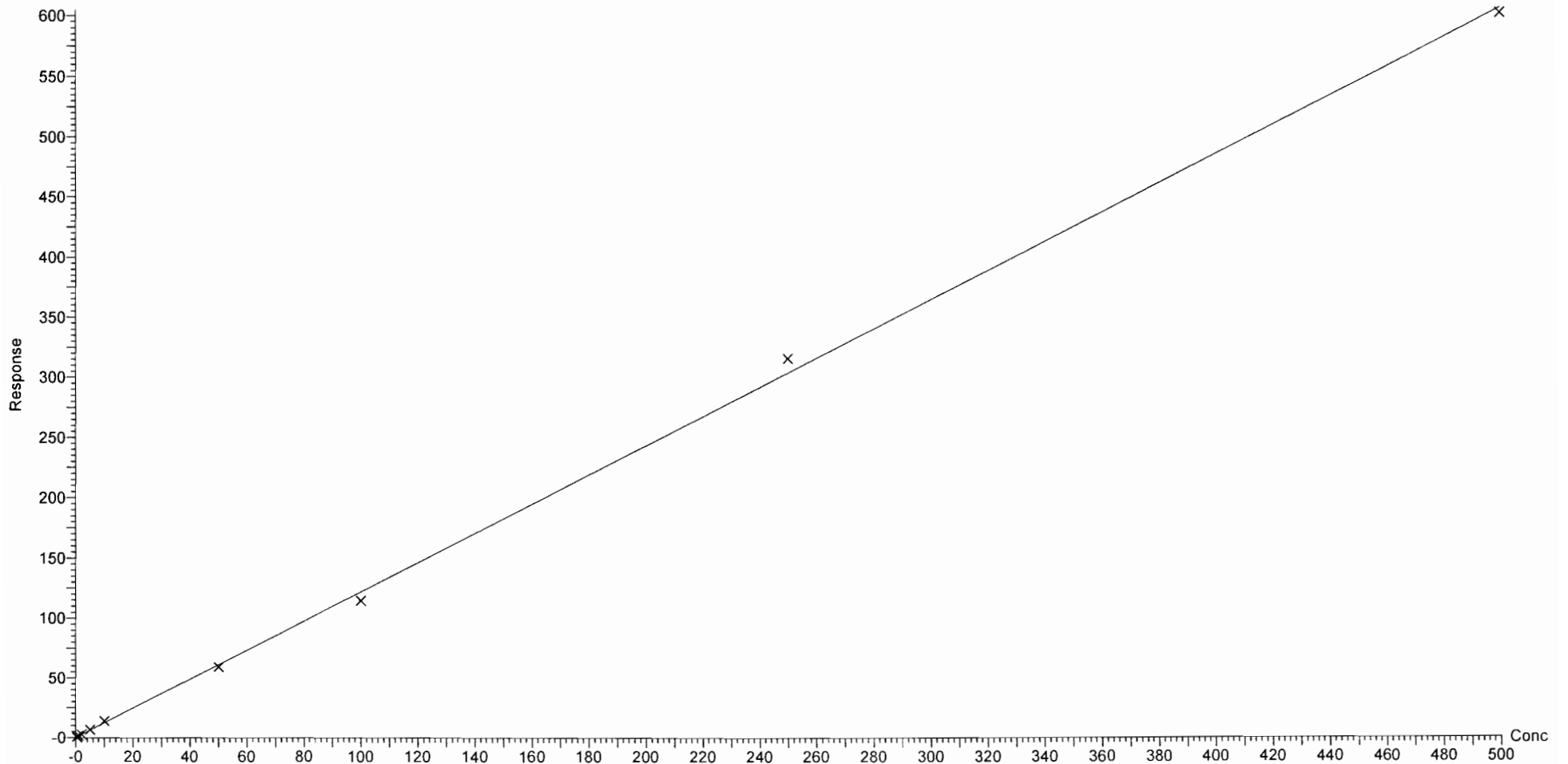
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time
Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

Compound name: PFDA
Coefficient of Determination: $R^2 = 0.998909$
Calibration curve: $-1.68153e-005 * x^2 + 1.21743 * x + 0.104096$
Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

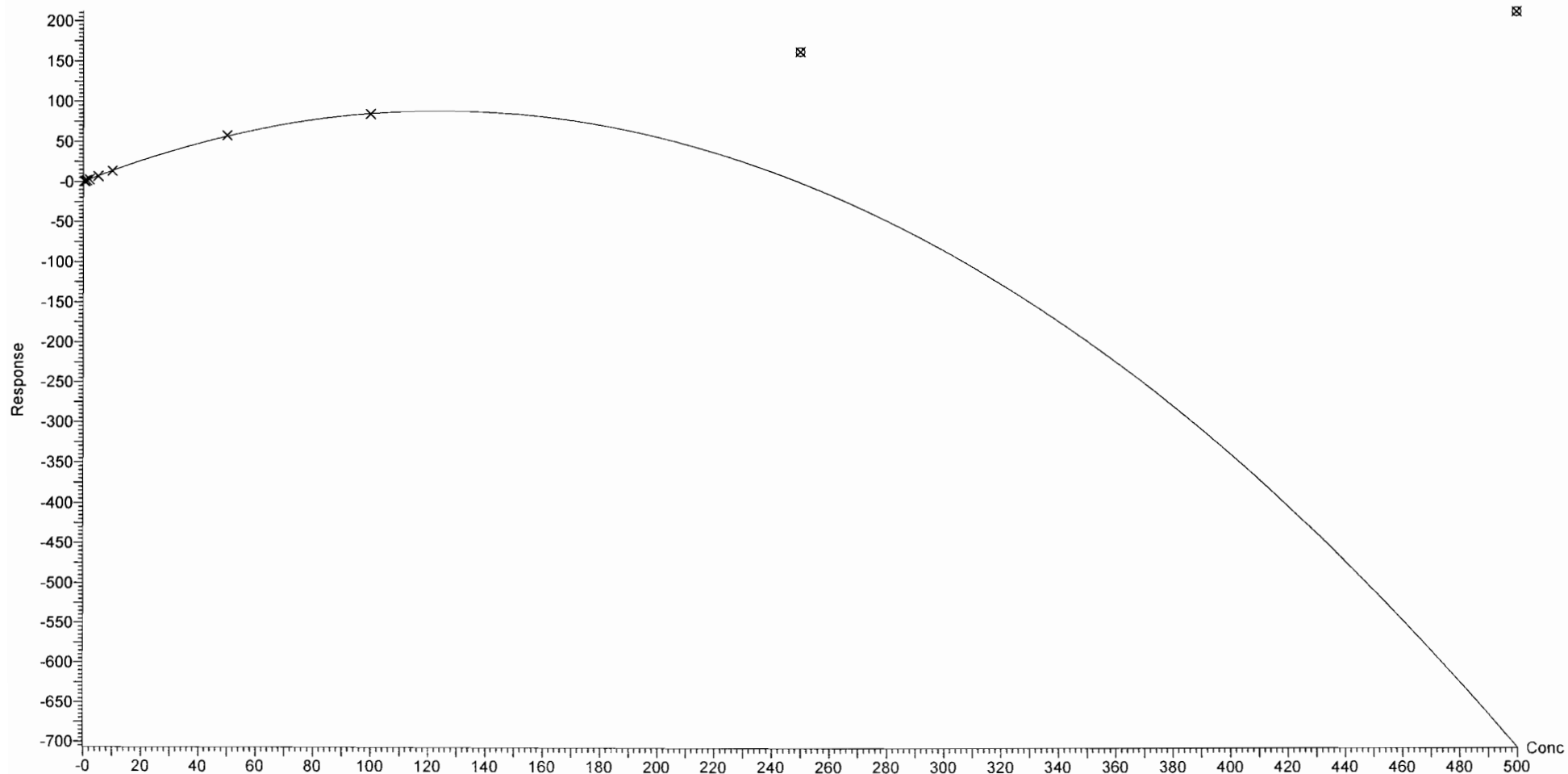
Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.999374$

Calibration curve: $-0.00565394 * x^2 + 1.414 * x + 0.0937769$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

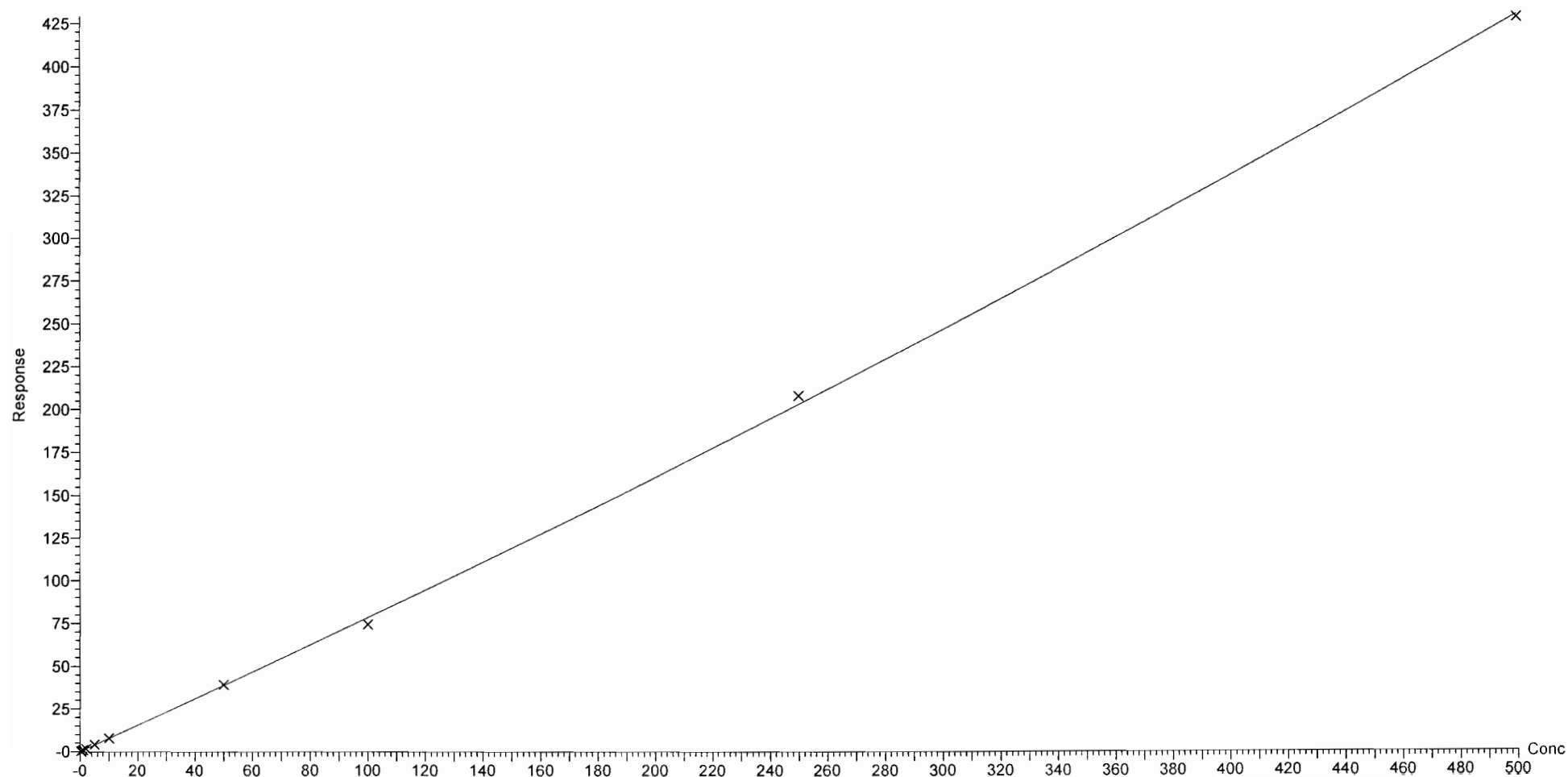
Compound name: PFNS

Coefficient of Determination: $R^2 = 0.999564$

Calibration curve: $0.000187511 * x^2 + 0.764159 * x + 0.0402872$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

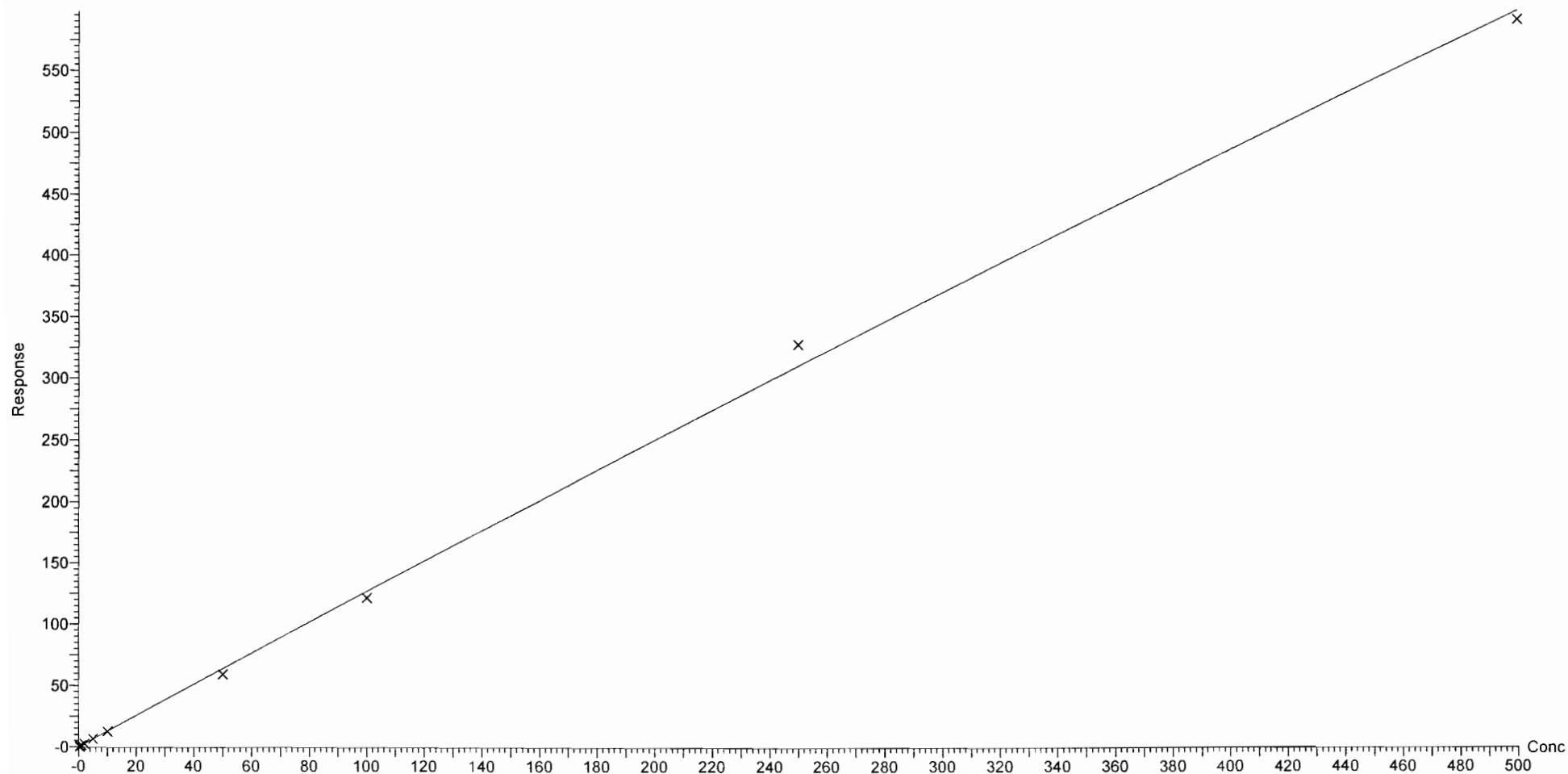
Compound name: L-MeFOSAA

Coefficient of Determination: $R^2 = 0.998420$

Calibration curve: $-0.000183868 * x^2 + 1.28749 * x + -0.0389104$

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

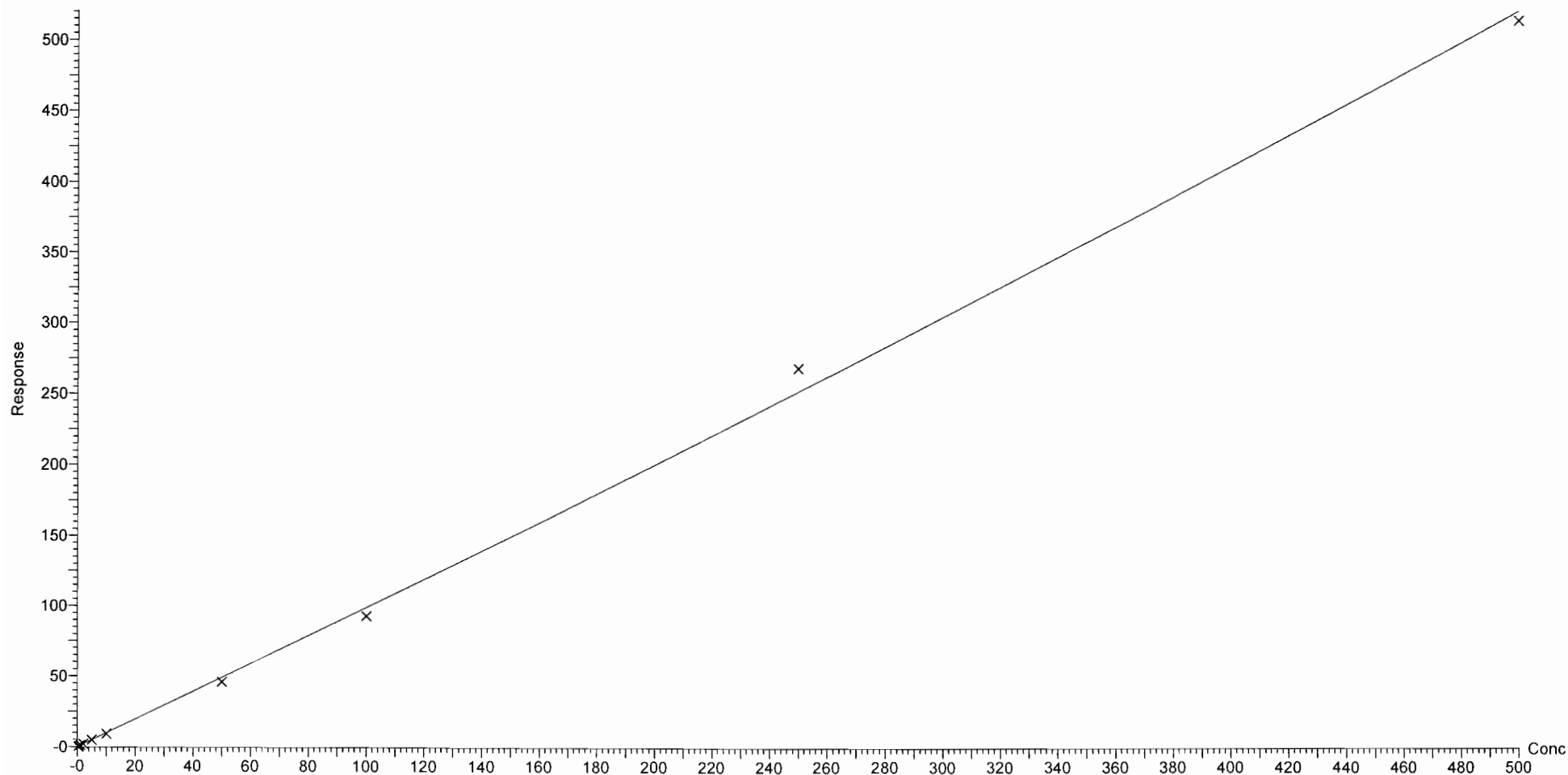


Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:05 Pacific Daylight Time

Compound name: L-EtFOSAA
Coefficient of Determination: $R^2 = 0.998074$
Calibration curve: $0.000128744 * x^2 + 0.976058 * x + -0.0397067$
Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:11 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:06:13

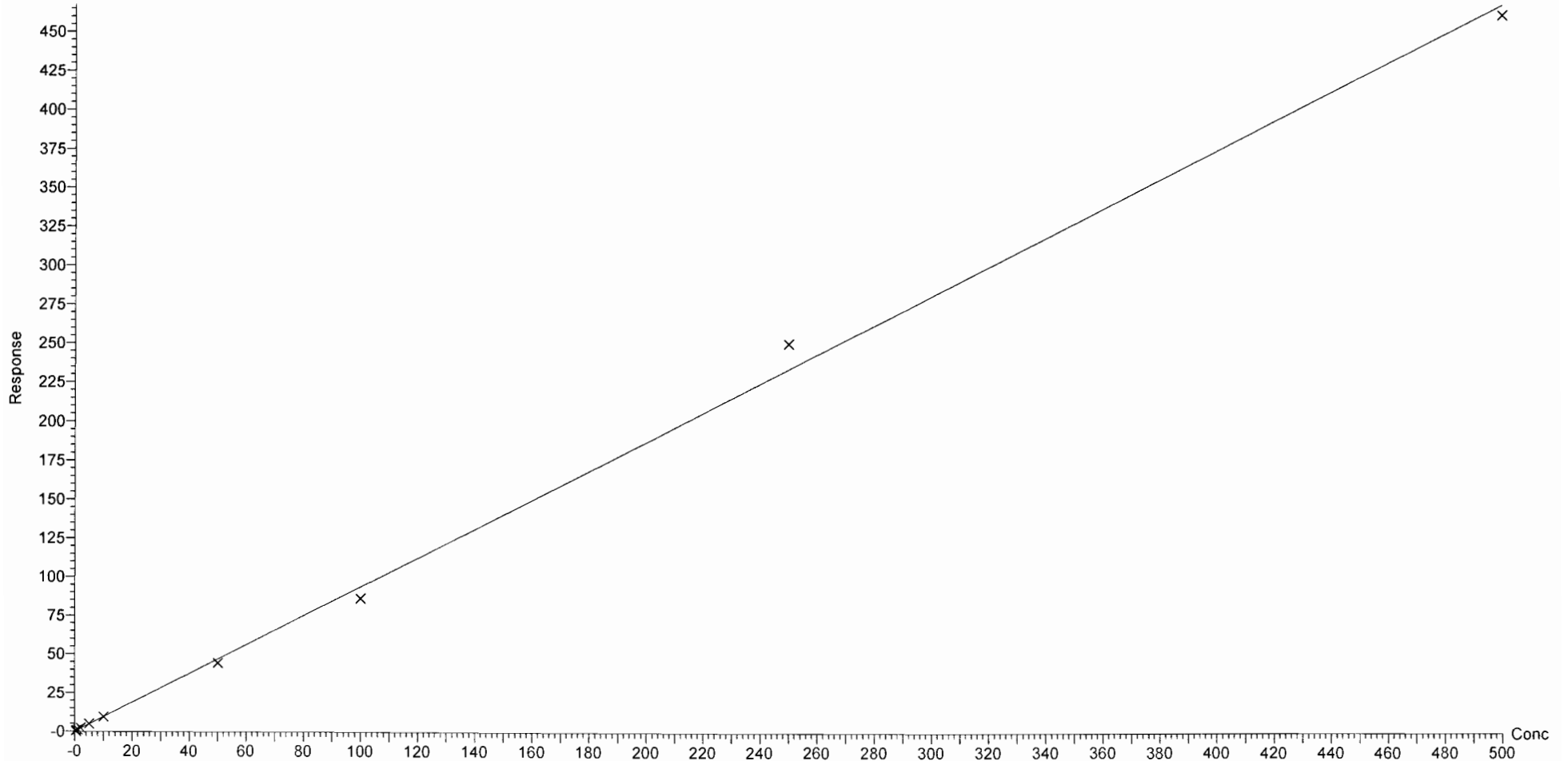
Compound name: PFUdA

Coefficient of Determination: $R^2 = 0.997599$

Calibration curve: $-2.06806e-006 * x^2 + 0.935607 * x + 0.110396$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:11 Pacific Daylight Time

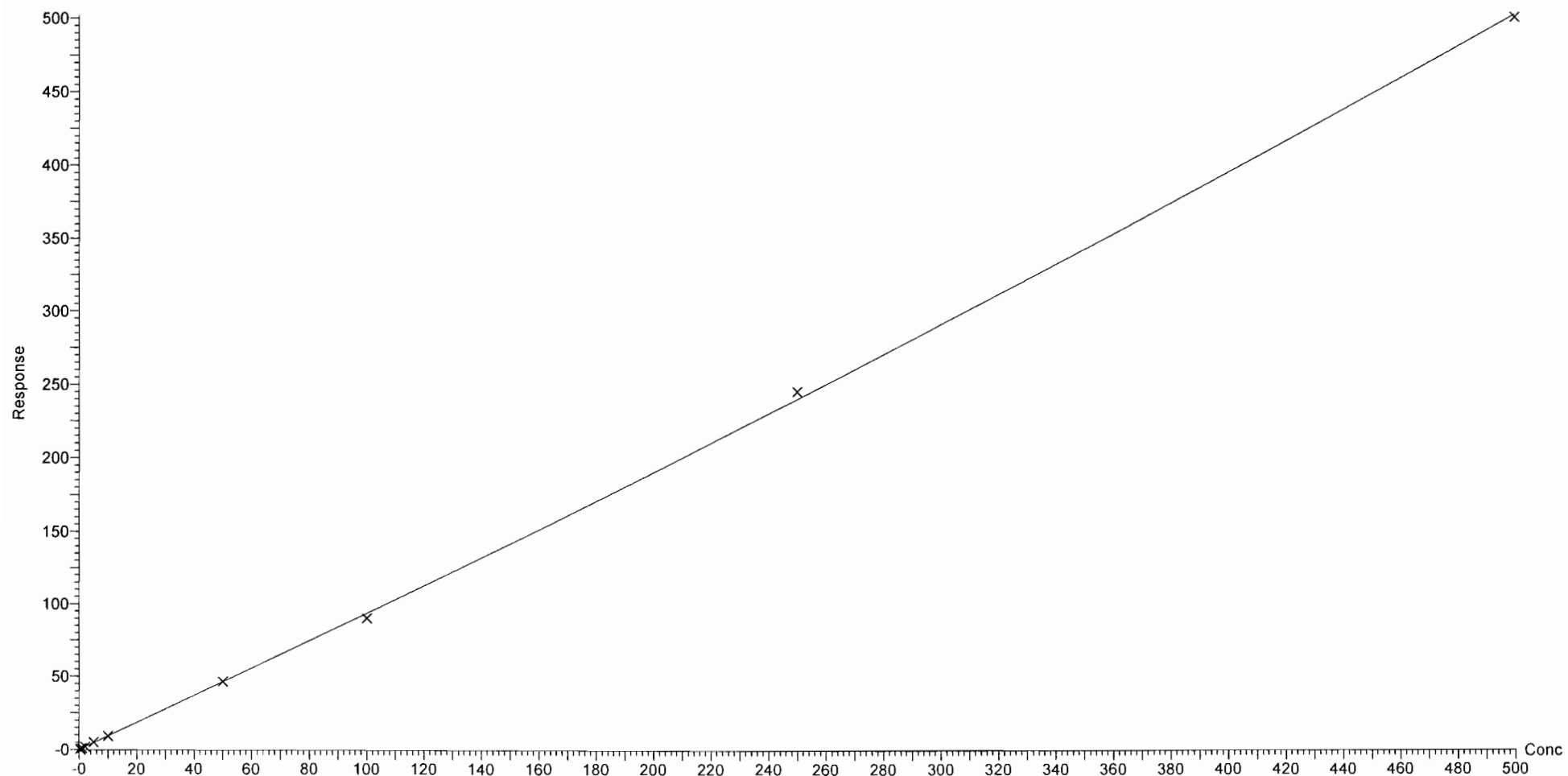
Compound name: PFDS

Coefficient of Determination: $R^2 = 0.999713$

Calibration curve: $0.000173016 * x^2 + 0.917005 * x + 0.0530279$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

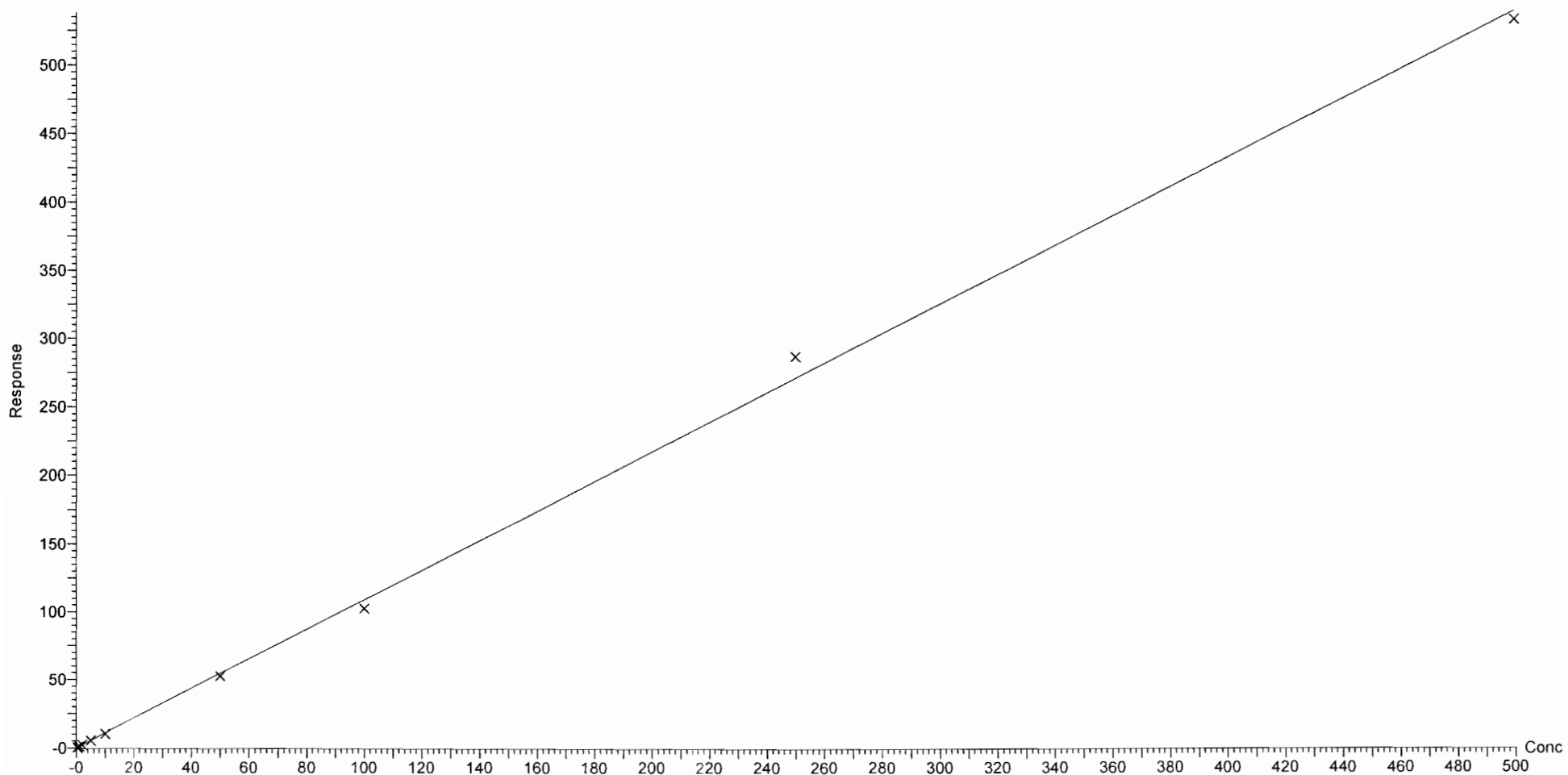
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time
Printed: Sunday, August 26, 2018 13:08:11 Pacific Daylight Time

Compound name: PFDoA
Coefficient of Determination: $R^2 = 0.998423$
Calibration curve: $-3.47143e-005 * x^2 + 1.09278 * x + 0.0282702$
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:56:38 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:57:13 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

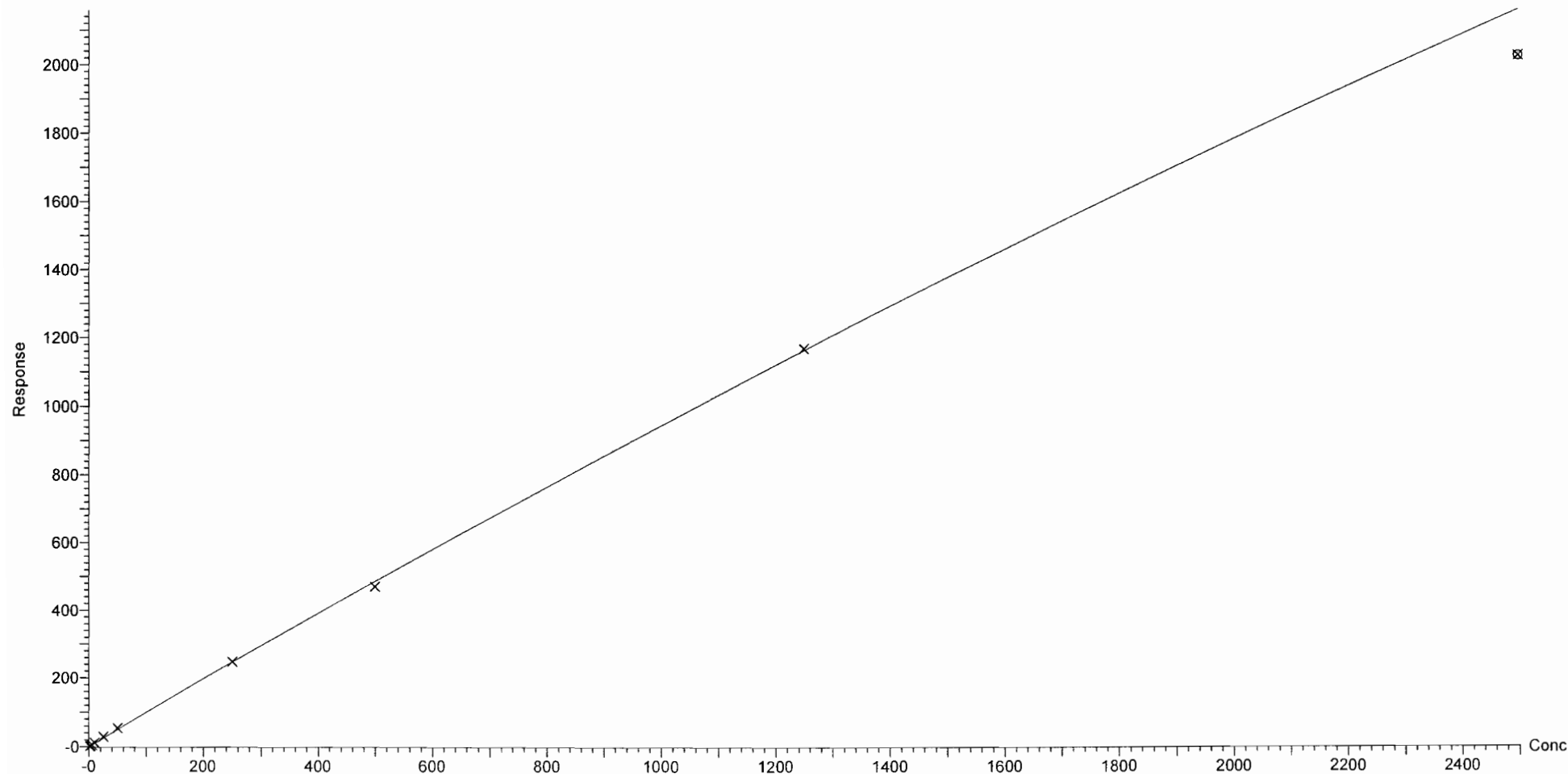
Compound name: N-MeFOSA

Coefficient of Determination: $R^2 = 0.999129$

Calibration curve: $-5.40052e-005 * x^2 + 0.997561 * x + 0.358081$

Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:11 Pacific Daylight Time

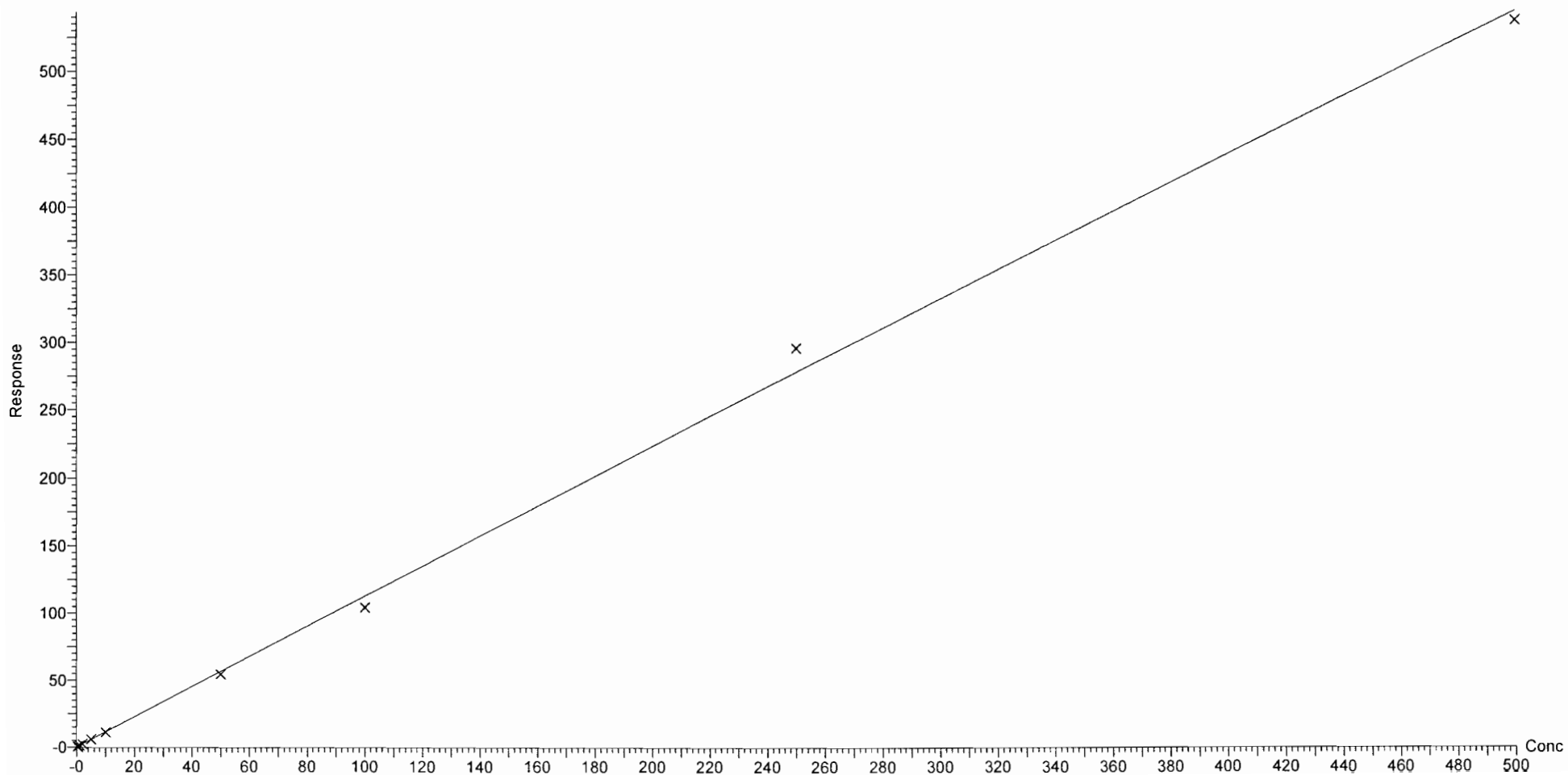
Compound name: PFTrDA

Coefficient of Determination: $R^2 = 0.998011$

Calibration curve: $-9.96252e-005 * x^2 + 1.13656 * x + 0.0423914$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

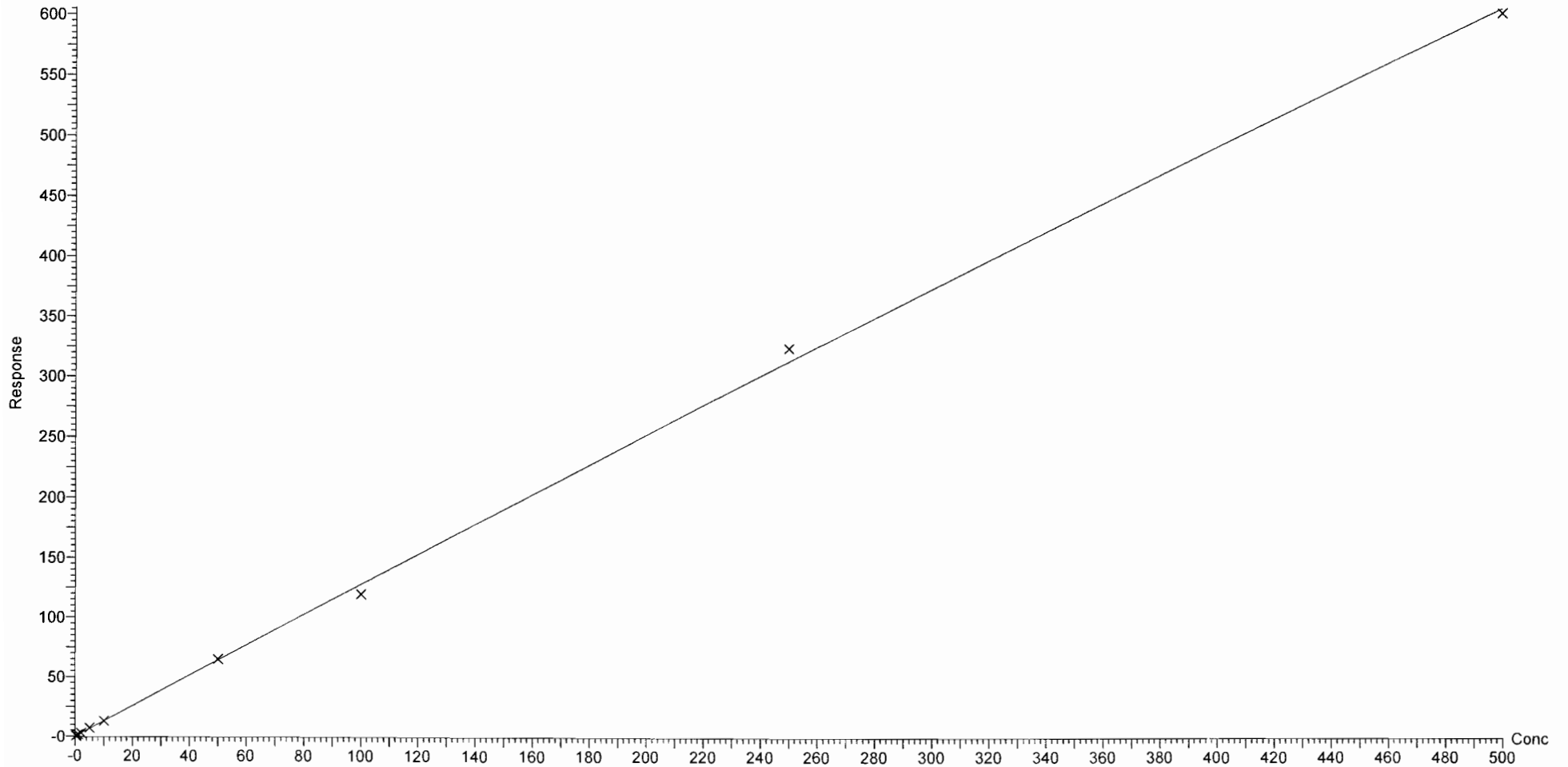
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time
Printed: Sunday, August 26, 2018 13:08:11 Pacific Daylight Time

Compound name: PFTeDA
Coefficient of Determination: $R^2 = 0.999104$
Calibration curve: $-0.000166649 * x^2 + 1.29343 * x + 0.120523$
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:11 Pacific Daylight Time

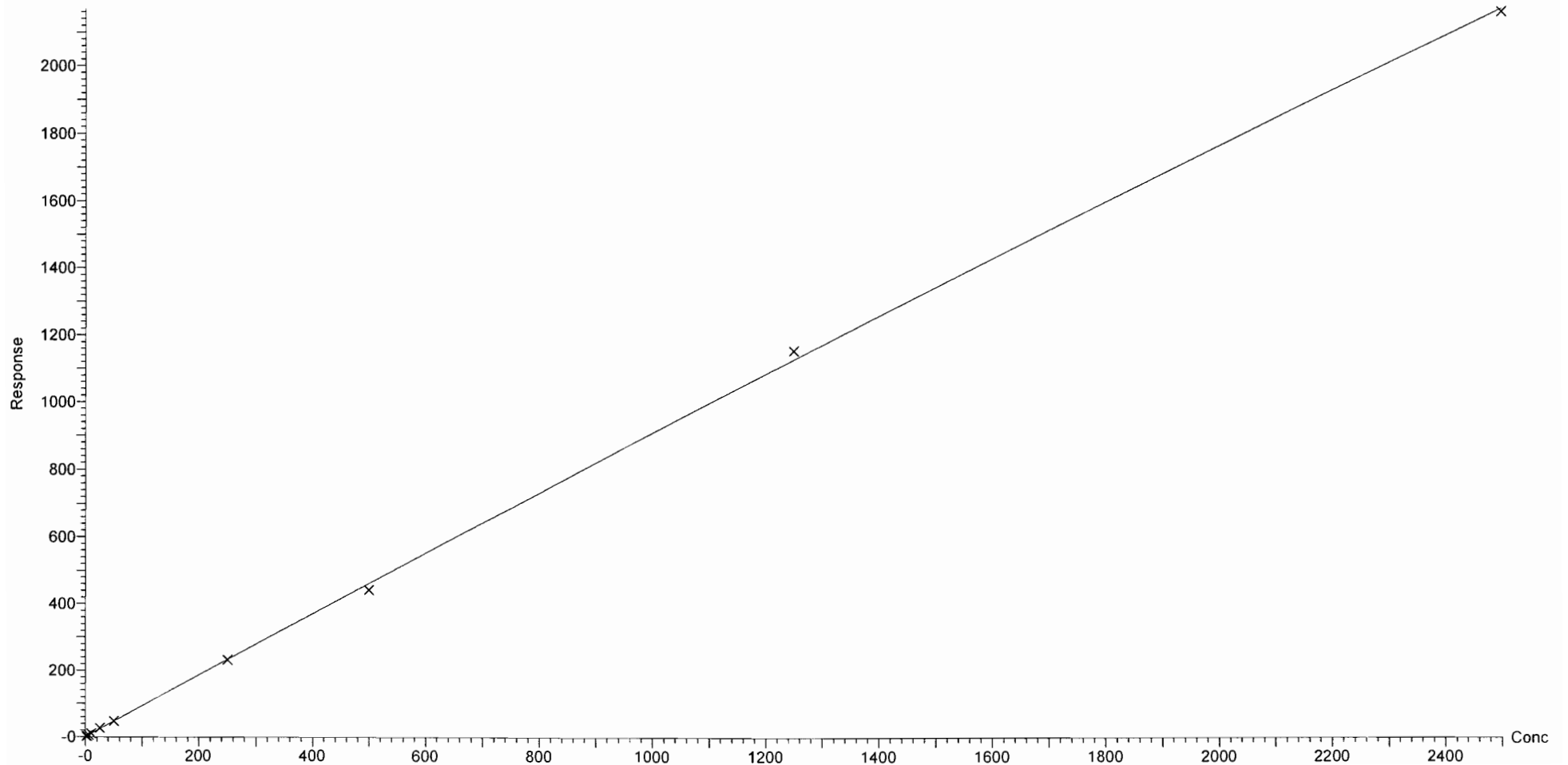
Compound name: N-EtFOSA

Coefficient of Determination: $R^2 = 0.999502$

Calibration curve: $-2.75571e-005 * x^2 + 0.936004 * x + 0.258395$

Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:11 Pacific Daylight Time

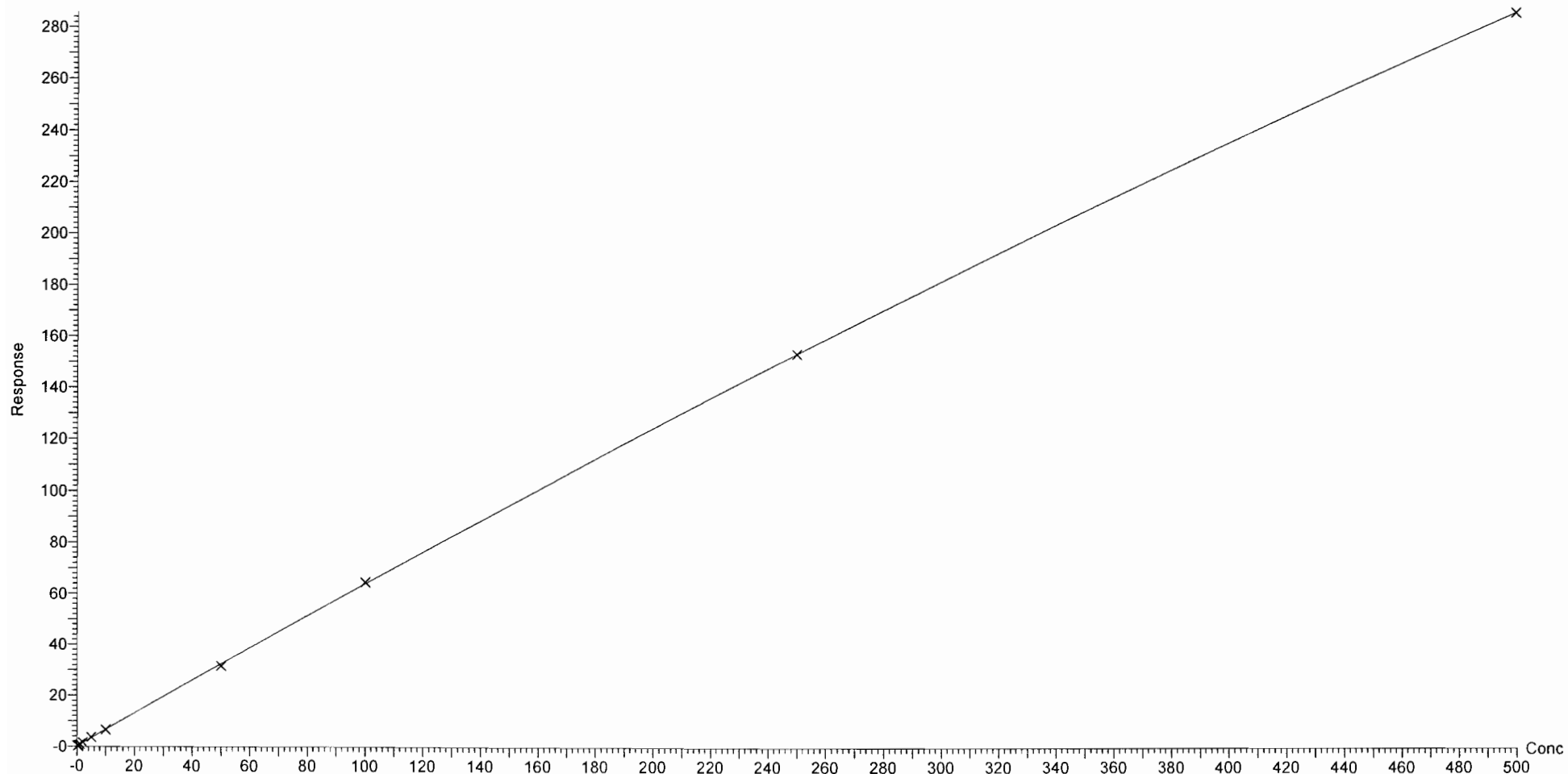
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999884$

Calibration curve: $-0.000167527 * x^2 + 0.655045 * x + 0.086491$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:08:11 Pacific Daylight Time

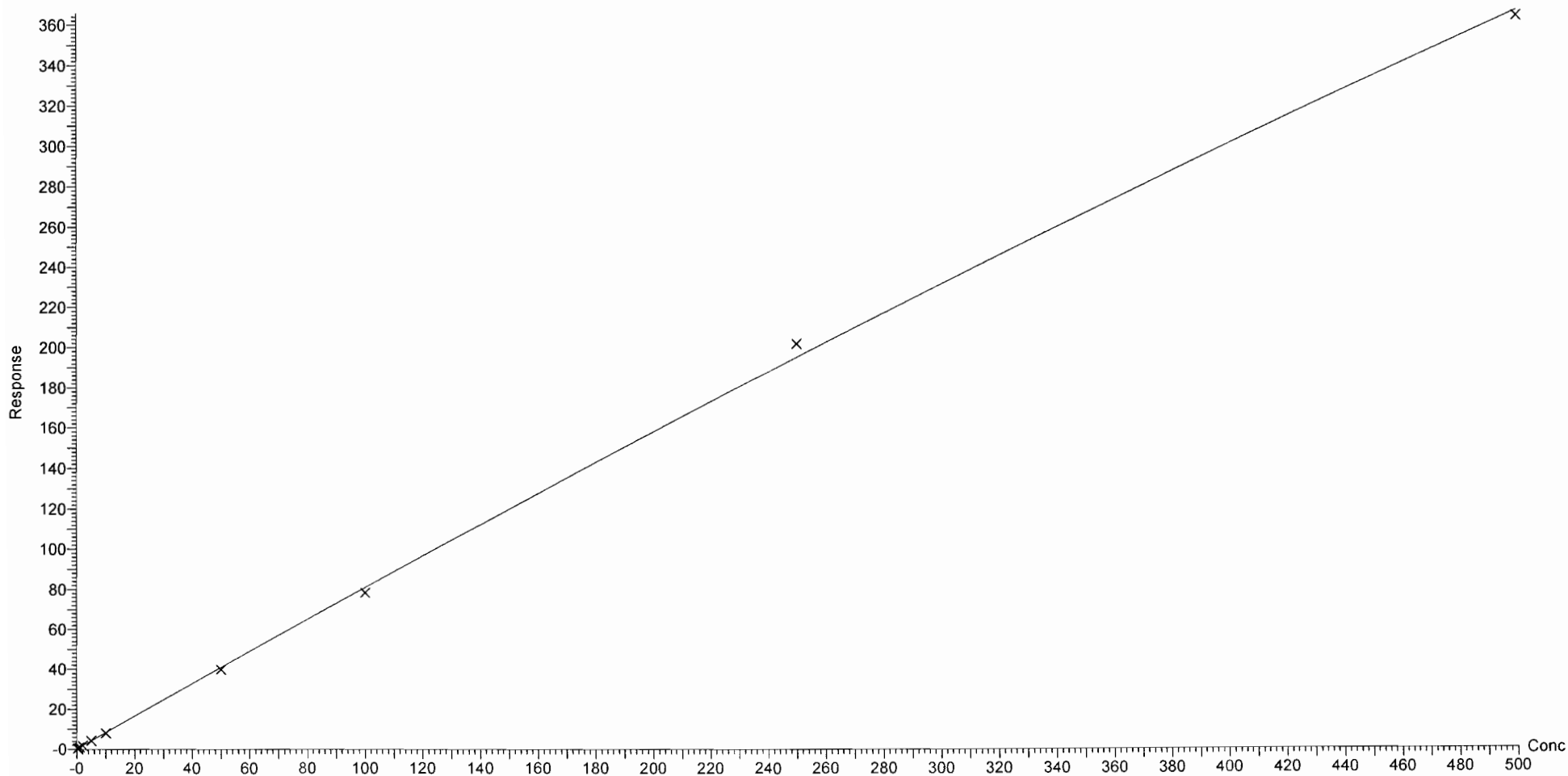
Compound name: PFODA

Coefficient of Determination: $R^2 = 0.999417$

Calibration curve: $-0.000192843 * x^2 + 0.82774 * x + 0.0187329$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:56:38 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:57:13 Pacific Daylight Time

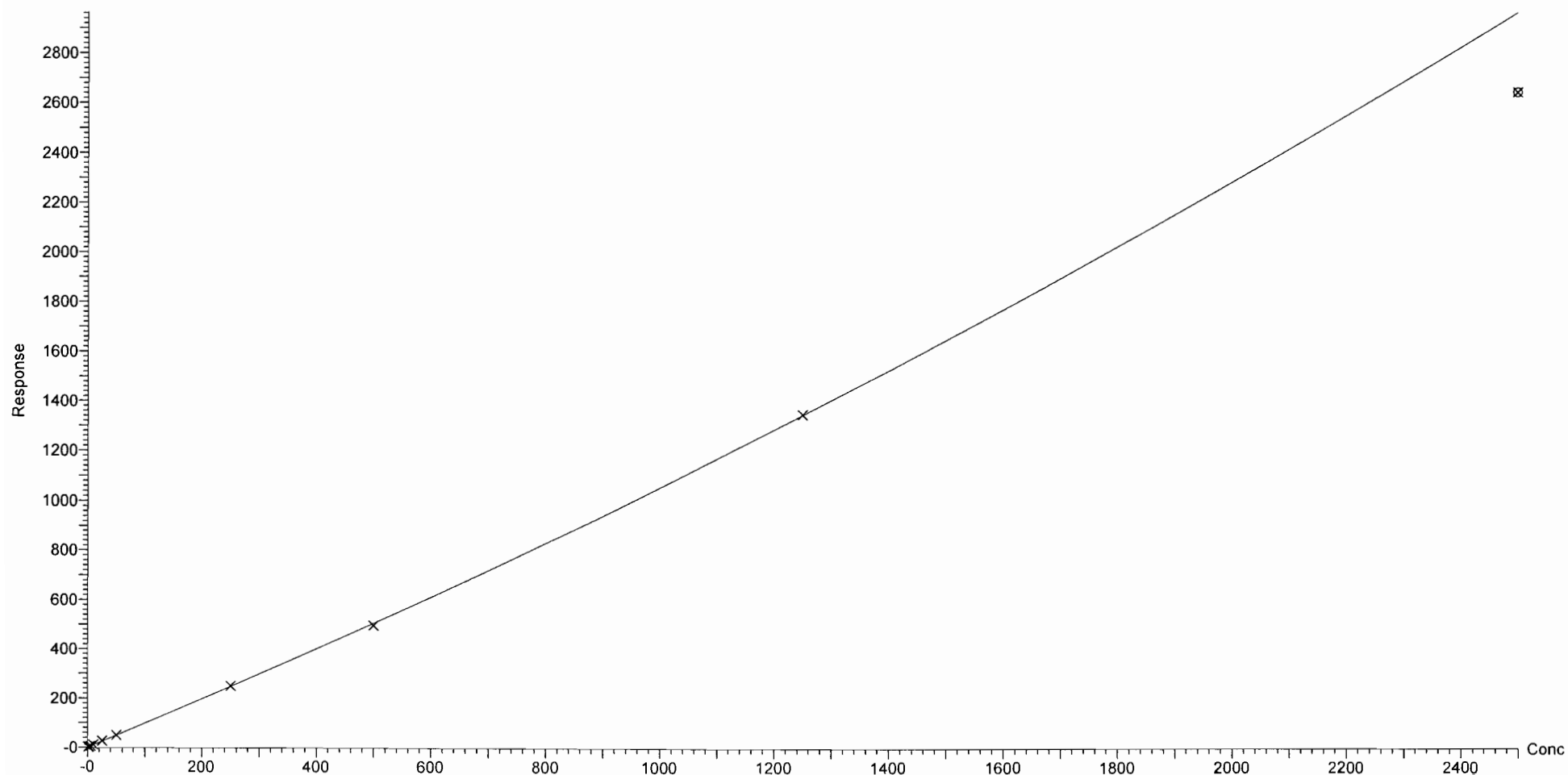
Compound name: N-MeFOSE

Coefficient of Determination: $R^2 = 0.999826$

Calibration curve: $8.69533e-005 * x^2 + 0.96708 * x + 0.379389$

Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:56:38 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:57:13 Pacific Daylight Time

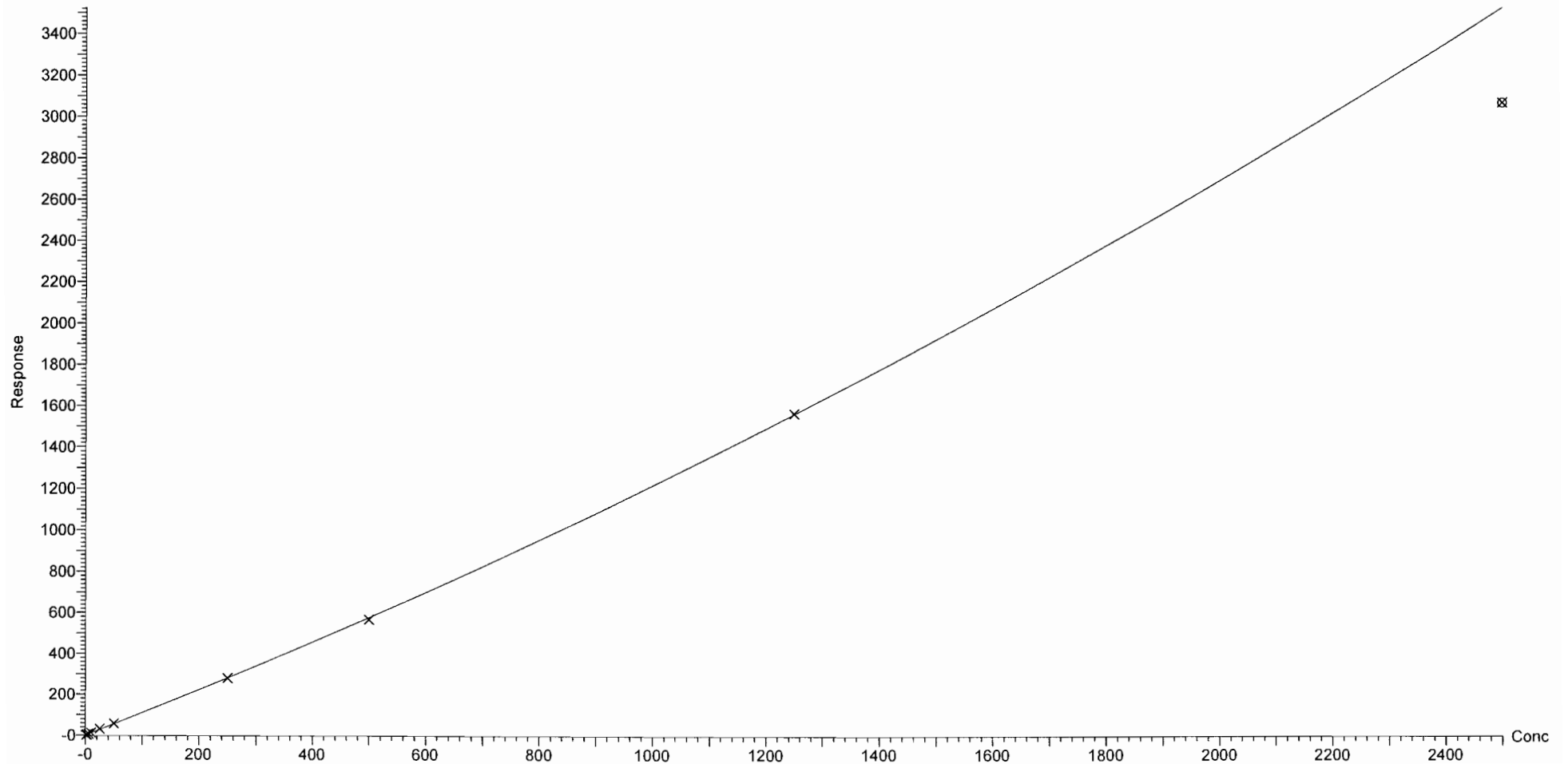
Compound name: N-EtFOSE

Coefficient of Determination: $R^2 = 0.999708$

Calibration curve: $0.000128234 * x^2 + 1.0882 * x + 0.41178$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 12:56:43 Pacific Daylight Time

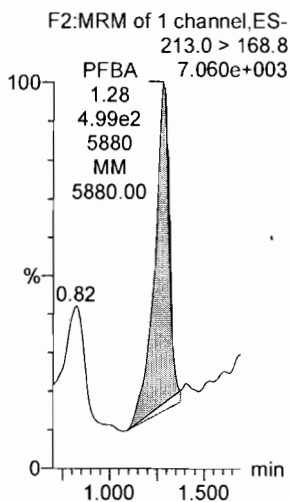
Printed: Sunday, August 26, 2018 12:58:22 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 10:52:58

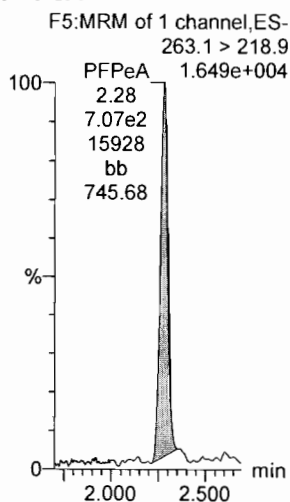
Calibration: 26 Aug 2018 12:56:43

Name: 180825M1_2, Date: 25-Aug-2018, Time: 13:42:57, ID: ST180825M1-1 PFC CS-2 18H2102, Description: PFC CS-2 18H2102

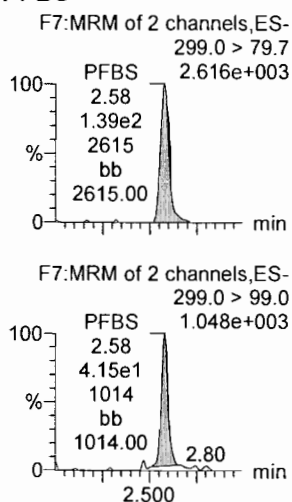
PFBA



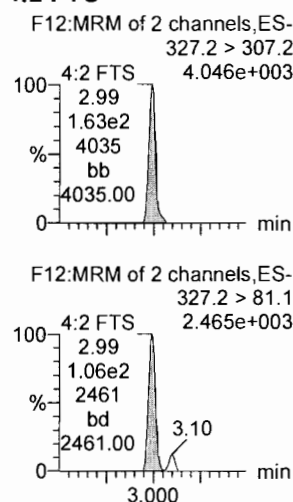
PFPeA



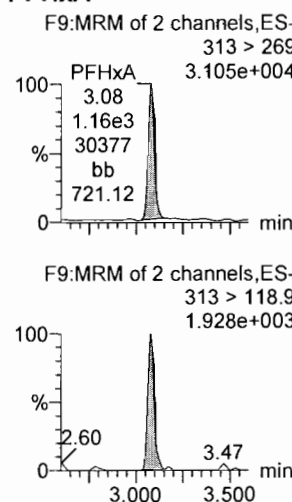
PFBS



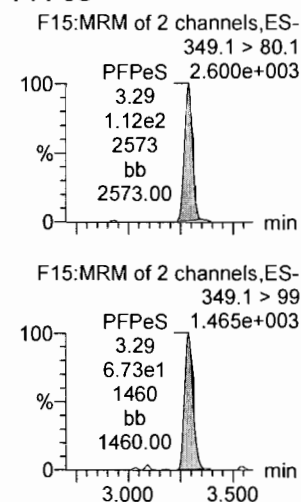
4:2 FTS



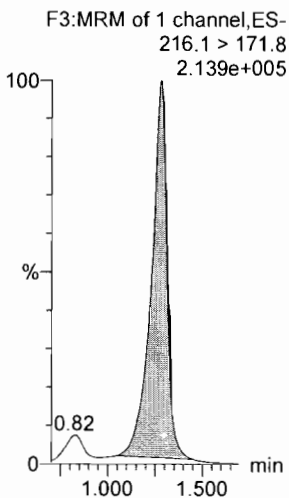
PFHxA



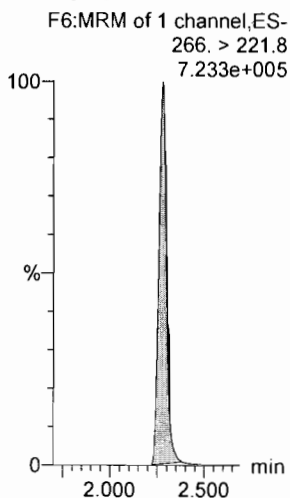
PFPeS



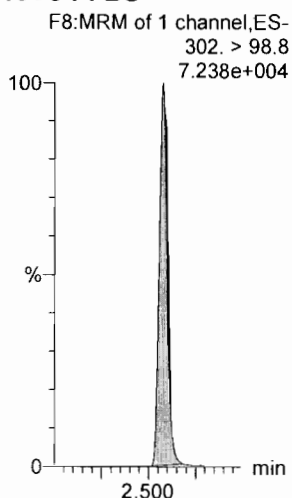
13C3-PFBA



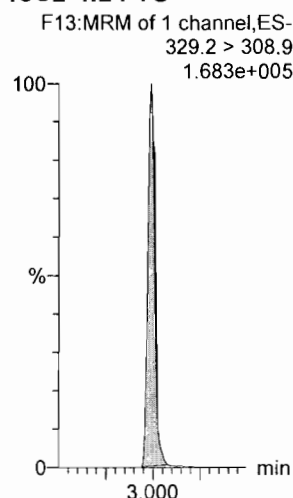
13C3-PFPeA



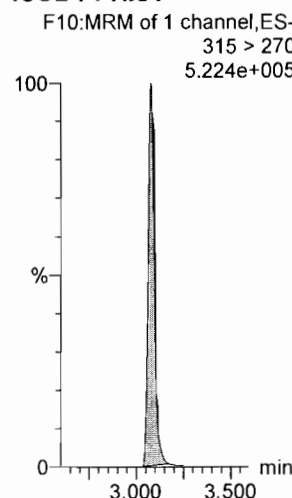
13C3-PFBS



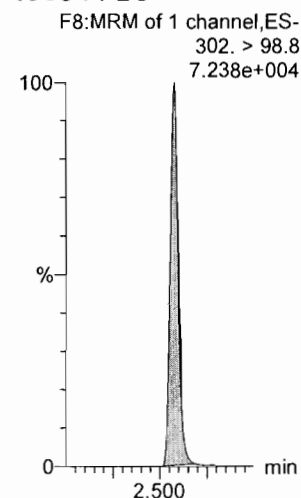
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



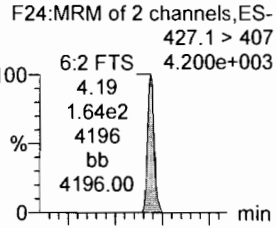
Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 12:56:43 Pacific Daylight Time

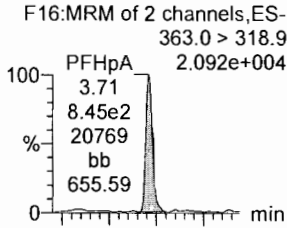
Printed: Sunday, August 26, 2018 12:58:22 Pacific Daylight Time

Name: 180825M1_2, Date: 25-Aug-2018, Time: 13:42:57, ID: ST180825M1-1 PFC CS-2 18H2102, Description: PFC CS-2 18H2102

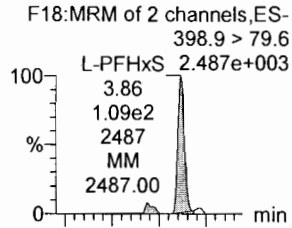
6:2 FTS



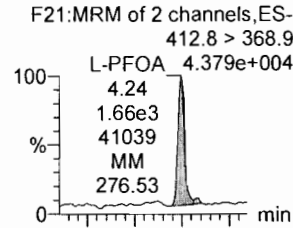
PFHpA



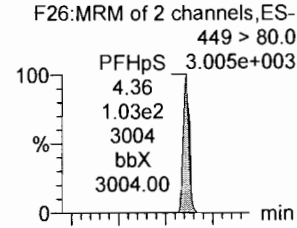
L-PFHxS



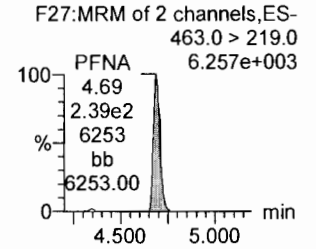
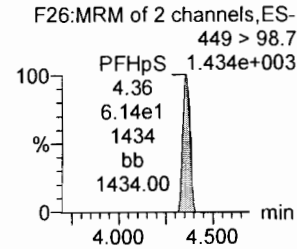
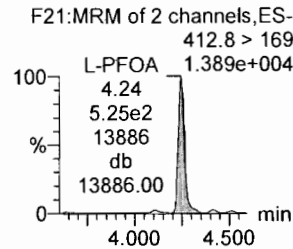
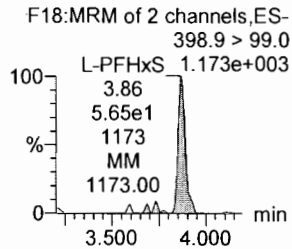
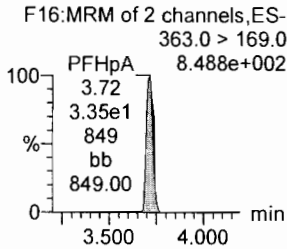
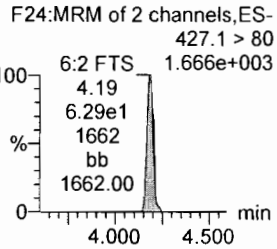
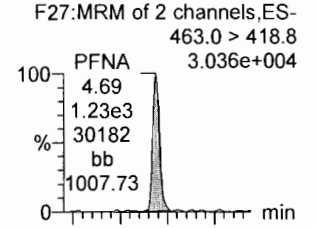
L-PFOA



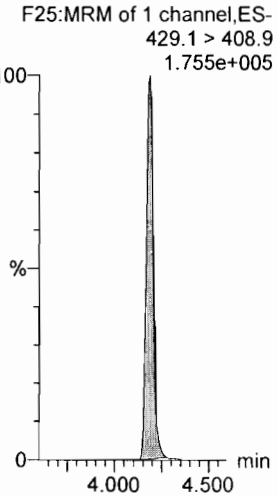
PFHpS



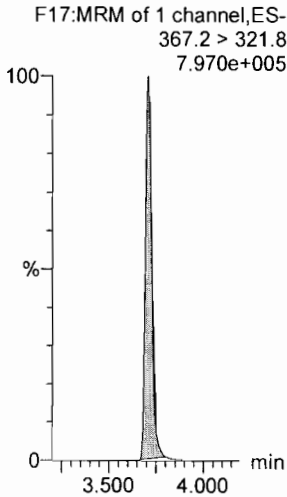
PFNA



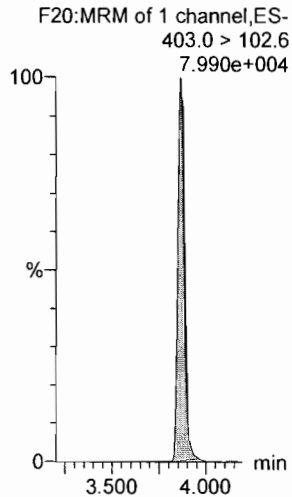
13C2-6:2 FTS



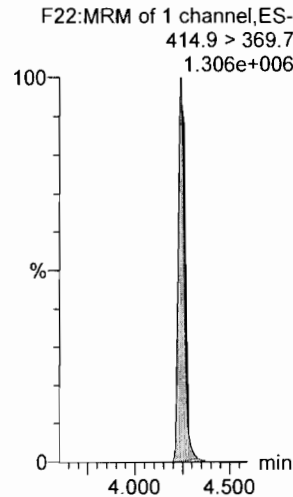
13C4-PFHpA



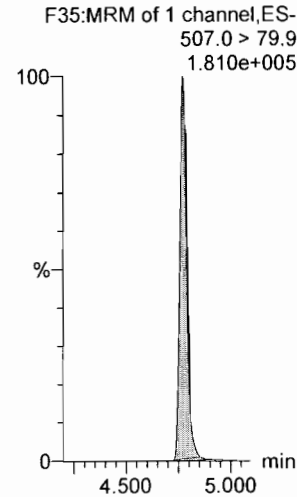
18O2-PFHxS



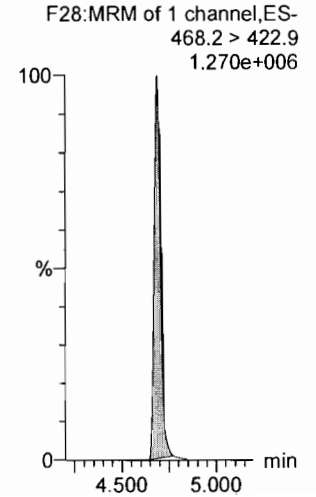
13C2-PFOA



13C8-PFOS



13C5-PFNA



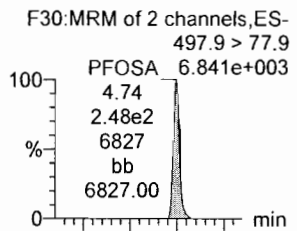
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Last Altered: Sunday, August 26, 2018 12:56:43 Pacific Daylight Time

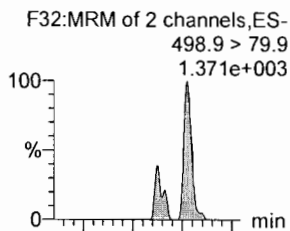
Printed: Sunday, August 26, 2018 12:58:22 Pacific Daylight Time

Name: 180825M1_2, Date: 25-Aug-2018, Time: 13:42:57, ID: ST180825M1-1 PFC CS-2 18H2102, Description: PFC CS-2 18H2102

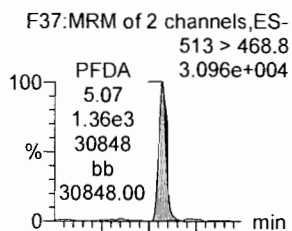
PFOSA



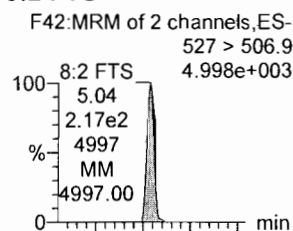
L-PFOS



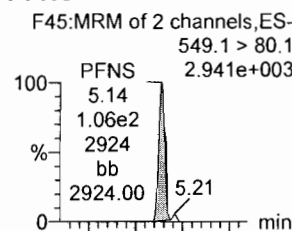
PFDA



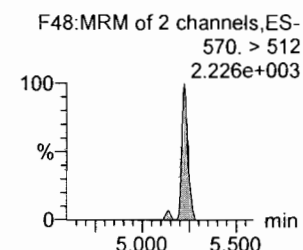
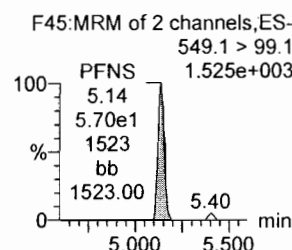
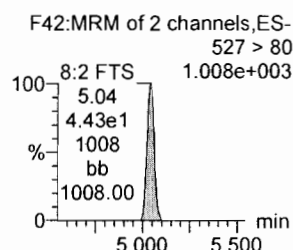
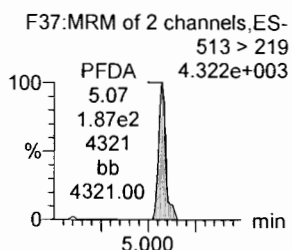
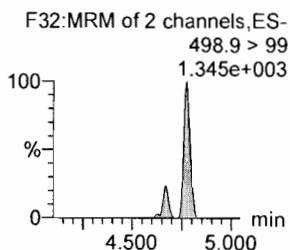
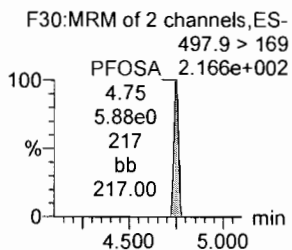
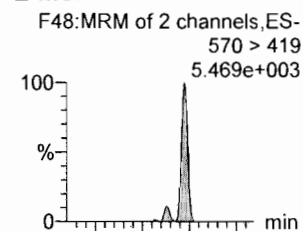
8:2 FTS



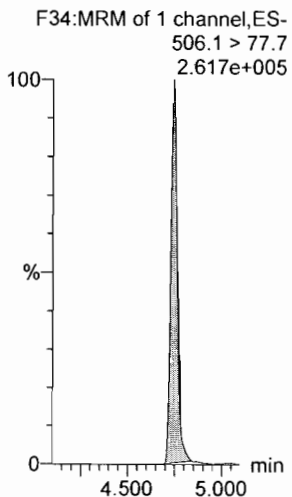
PFNS



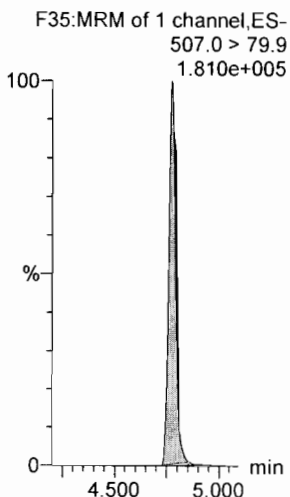
L-MeFOSAA



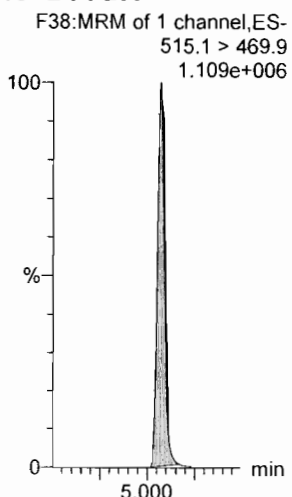
13C8-PFOA



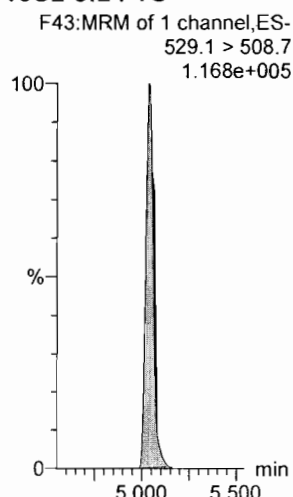
13C8-PFOS



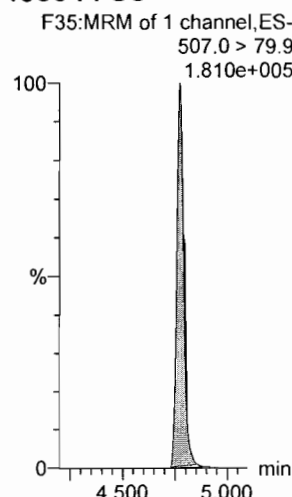
13C2-PFDA



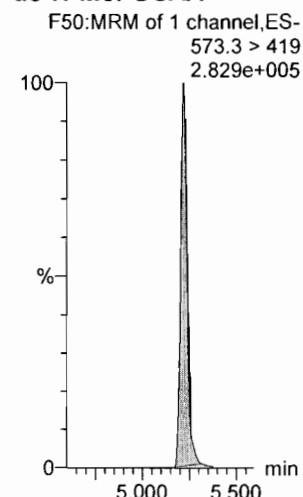
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

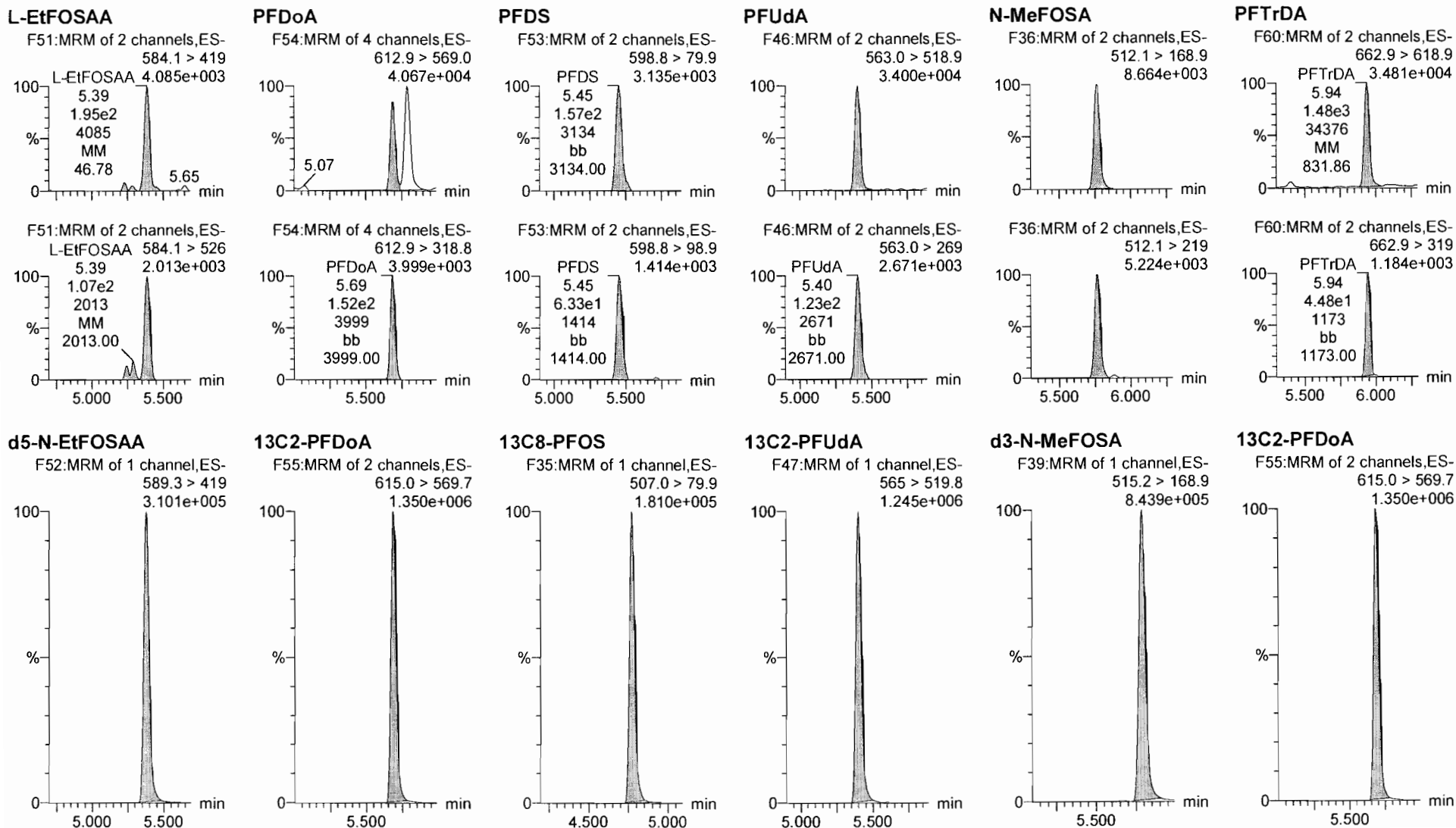


Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 12:56:43 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:58:22 Pacific Daylight Time

Name: 180825M1_2, Date: 25-Aug-2018, Time: 13:42:57, ID: ST180825M1-1 PFC CS-2 18H2102, Description: PFC CS-2 18H2102

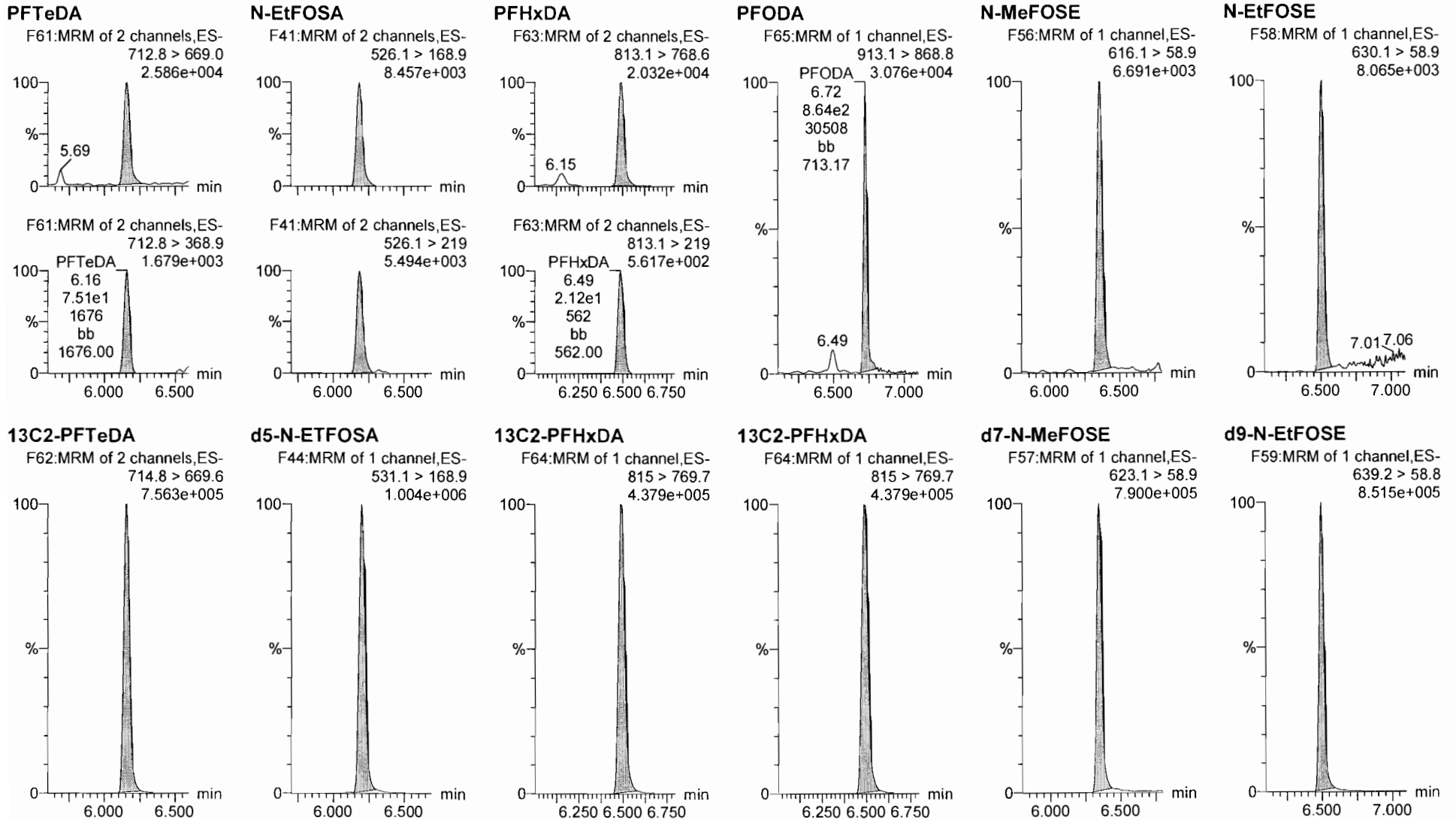


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Last Altered: Sunday, August 26, 2018 12:56:43 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:58:22 Pacific Daylight Time

Name: 180825M1_2, Date: 25-Aug-2018, Time: 13:42:57, ID: ST180825M1-1 PFC CS-2 18H2102, Description: PFC CS-2 18H2102



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

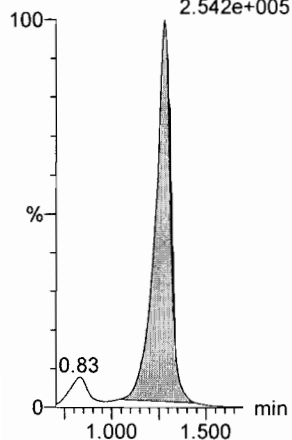
Last Altered: Sunday, August 26, 2018 12:56:43 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:58:22 Pacific Daylight Time

Name: 180825M1_2, Date: 25-Aug-2018, Time: 13:42:57, ID: ST180825M1-1 PFC CS-2 18H2102, Description: PFC CS-2 18H2102

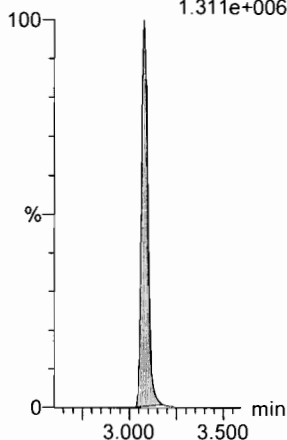
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
2.542e+005



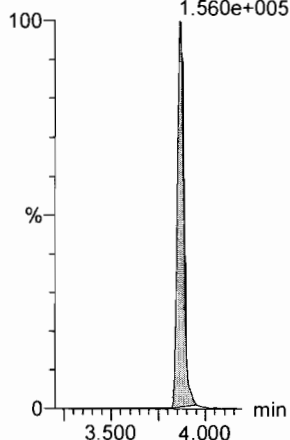
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
1.311e+006



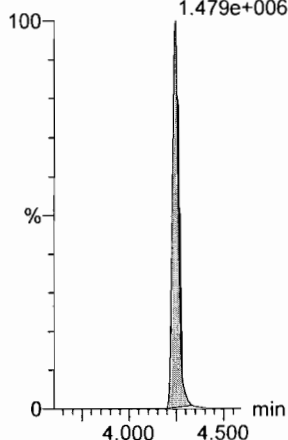
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.560e+005



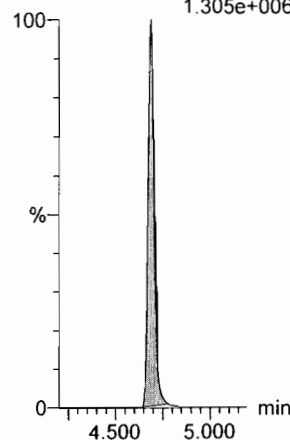
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
1.479e+006



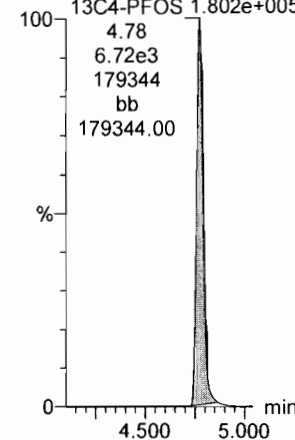
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.305e+006



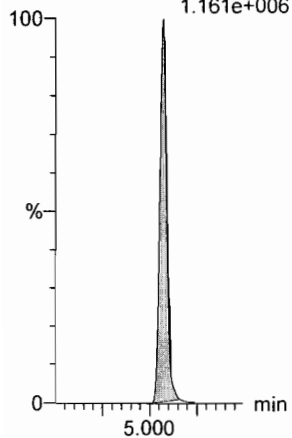
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.802e+005



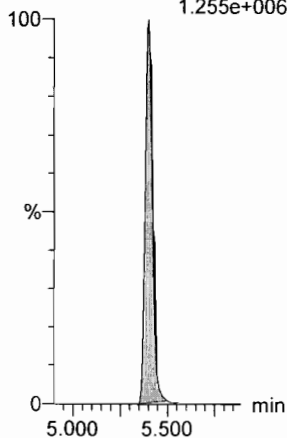
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.161e+006



13C7-PFUDa

F49:MRM of 1 channel,ES-
570.1 > 524.8
1.255e+006



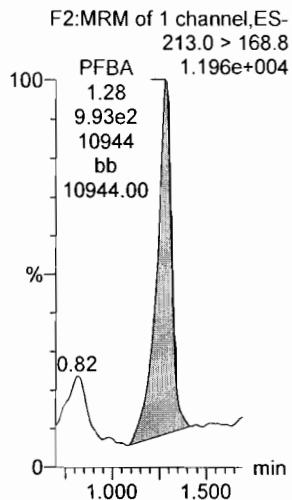
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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

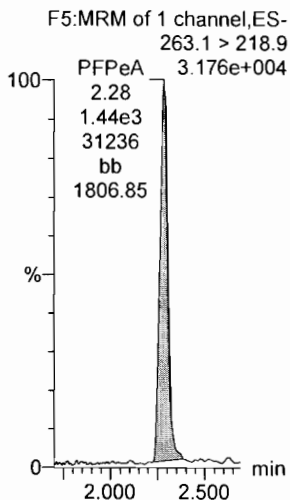
Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_3, Date: 25-Aug-2018, Time: 13:53:35, ID: ST180825M1-2 PFC CS-1 18H2103, Description: PFC CS-1 18H2103

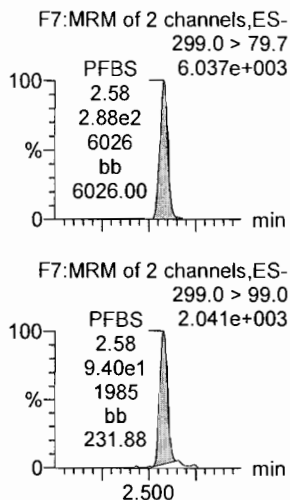
PFBA



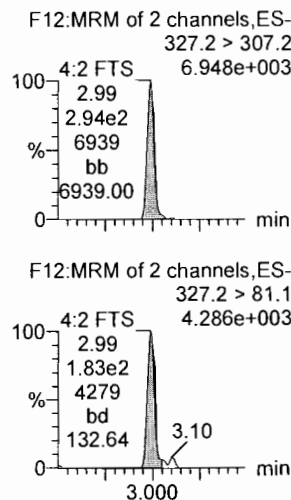
PFPeA



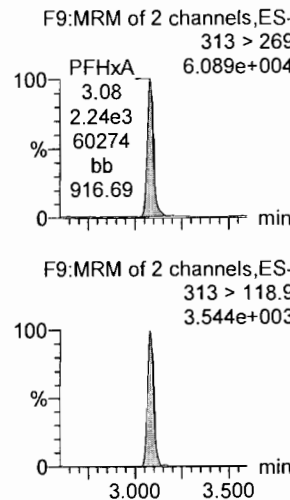
PFBS



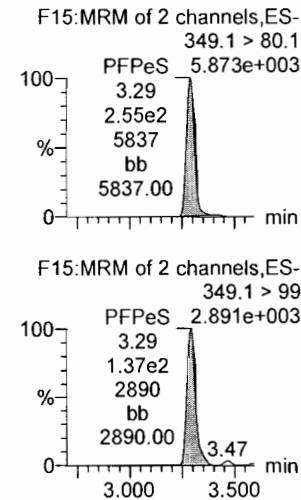
4:2 FTS



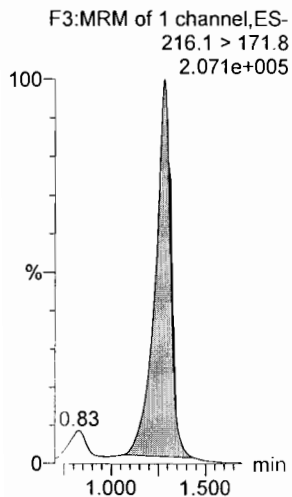
PFHxA



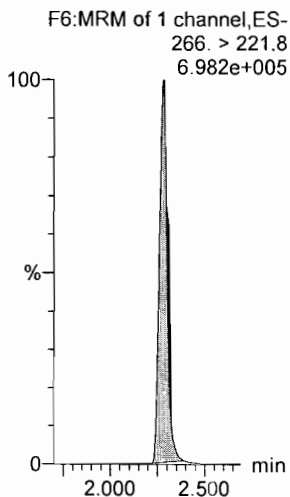
PFPeS



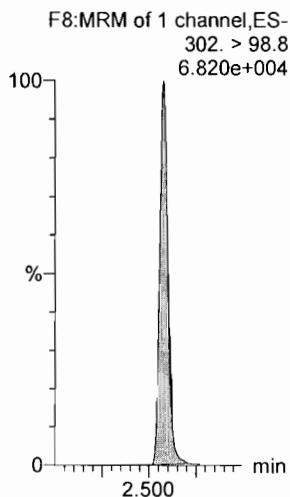
13C3-PFBA



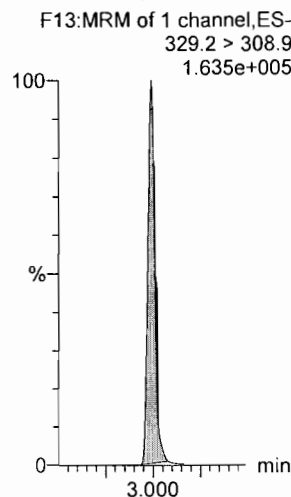
13C3-PFPeA



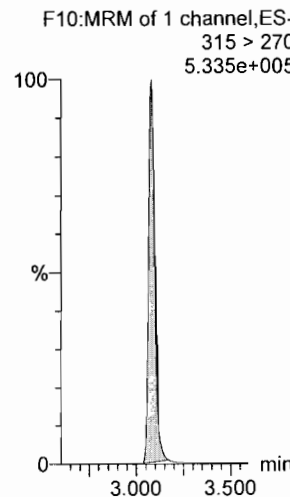
13C3-PFBS



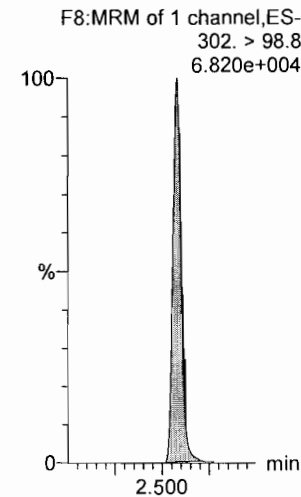
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

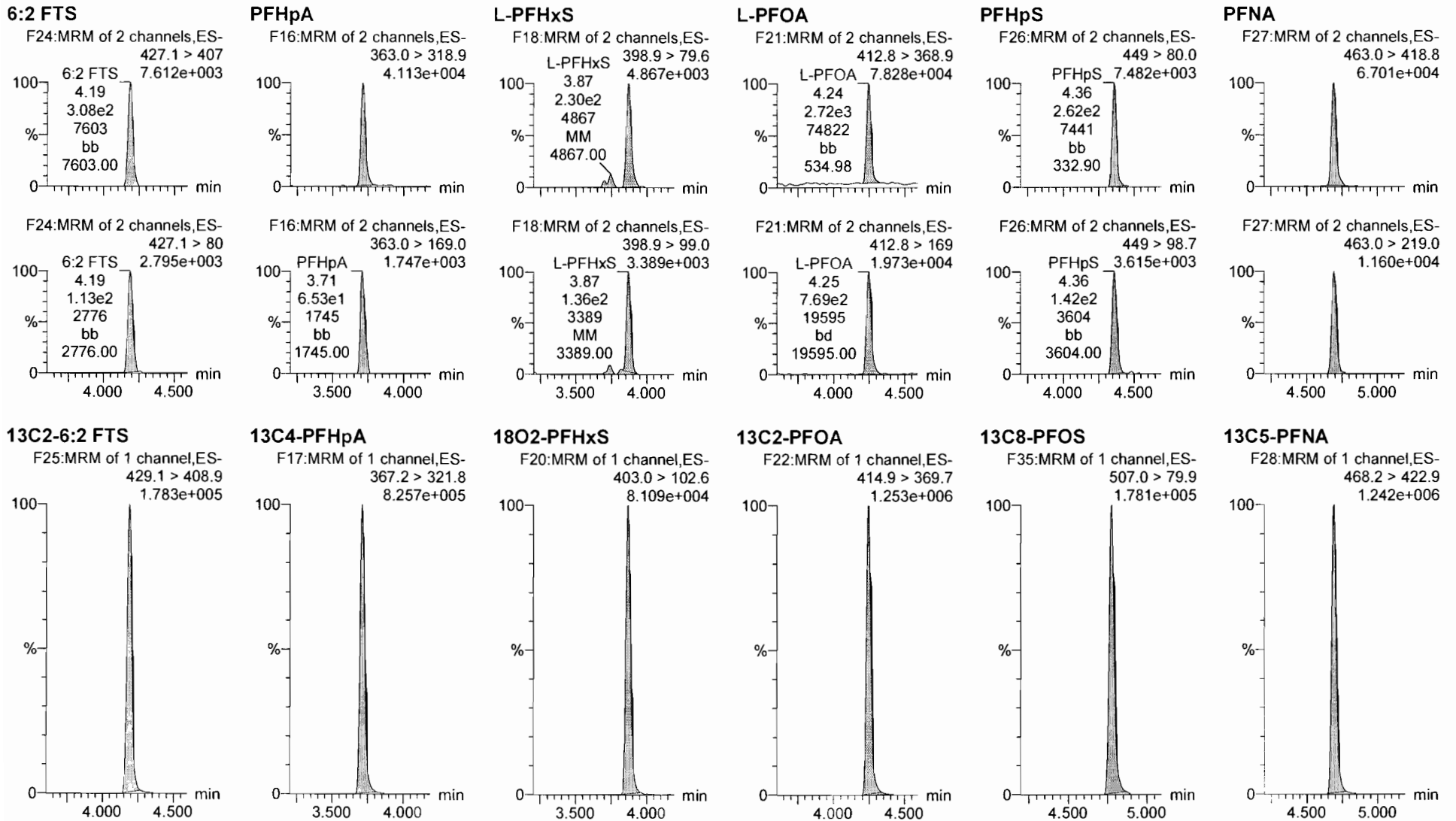


Dataset: Untitled

Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_3, Date: 25-Aug-2018, Time: 13:53:35, ID: ST180825M1-2 PFC CS-1 18H2103, Description: PFC CS-1 18H2103

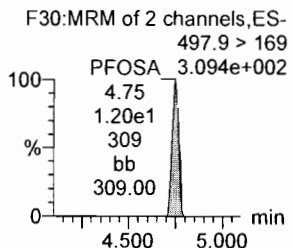
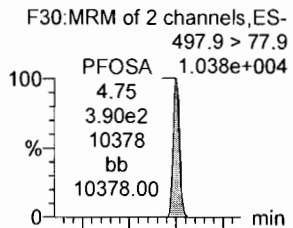


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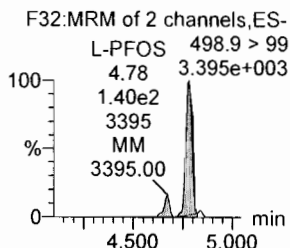
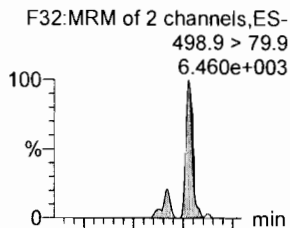
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Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_3, Date: 25-Aug-2018, Time: 13:53:35, ID: ST180825M1-2 PFC CS-1 18H2103, Description: PFC CS-1 18H2103

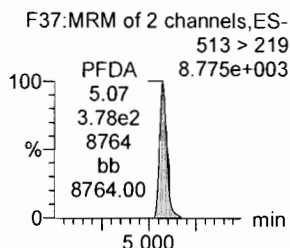
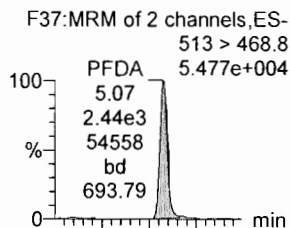
PFOSA



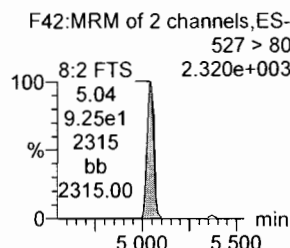
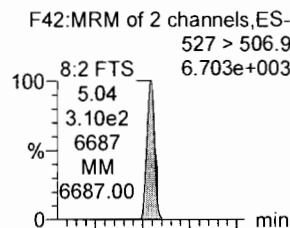
L-PFOS



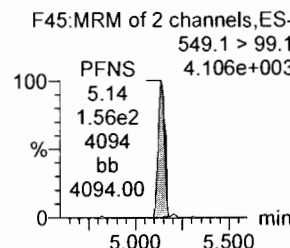
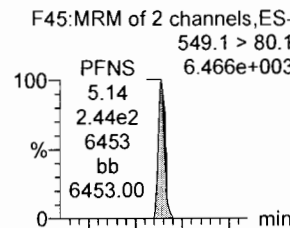
PFDA



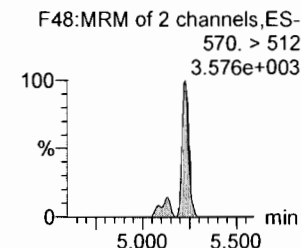
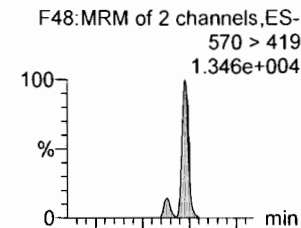
8:2 FTS



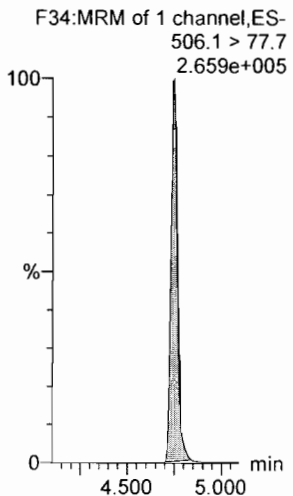
PFNS



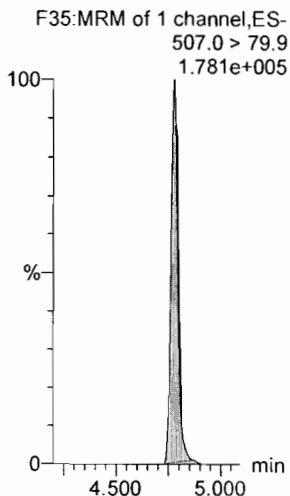
L-MeFOSAA



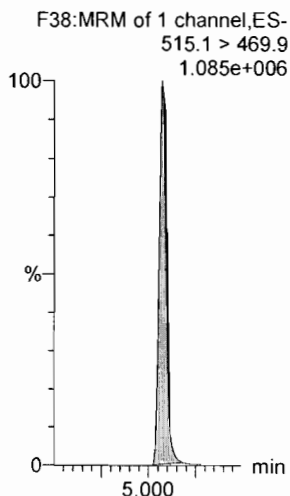
13C8-PFOSA



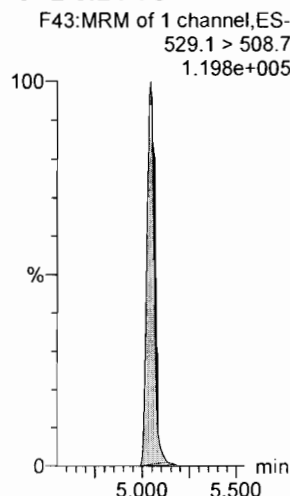
13C8-PFOS



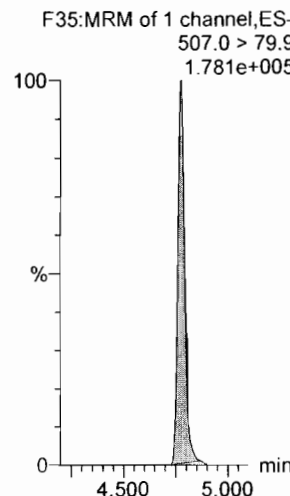
13C2-PFDA



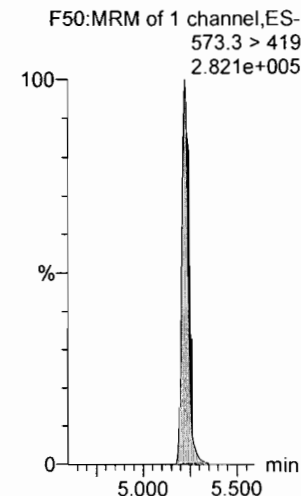
13C2-8:2 FTS



13C8-PFNS



d3-N-MeFOSAA



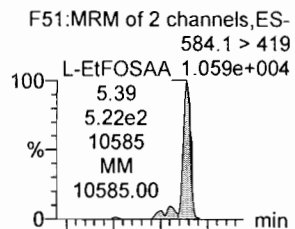
Dataset: Untitled

Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

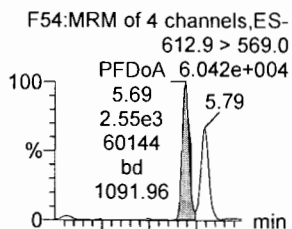
Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_3, Date: 25-Aug-2018, Time: 13:53:35, ID: ST180825M1-2 PFC CS-1 18H2103, Description: PFC CS-1 18H2103

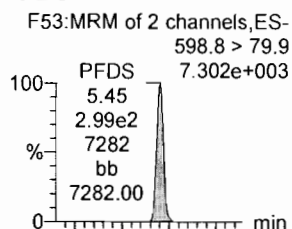
L-EtFOSAA



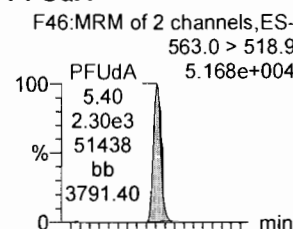
PFDoA



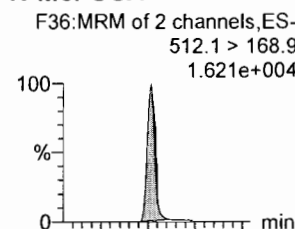
PFDS



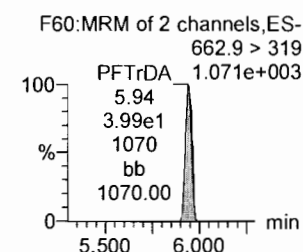
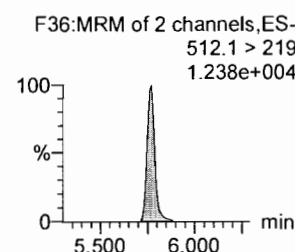
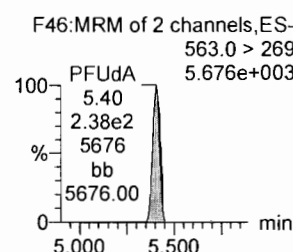
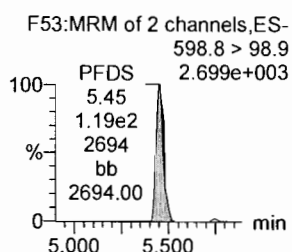
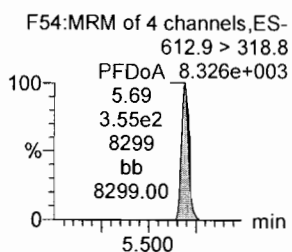
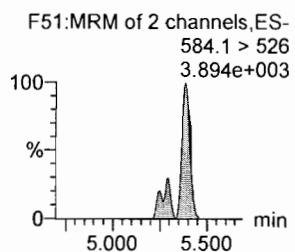
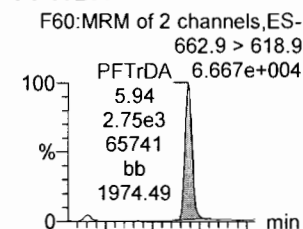
PFUdA



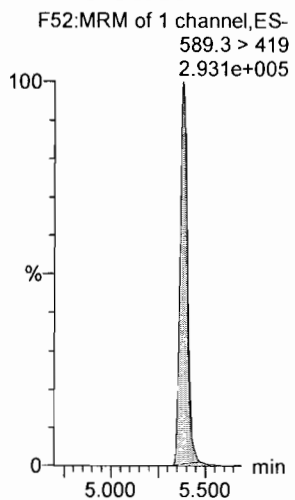
N-MeFOSA



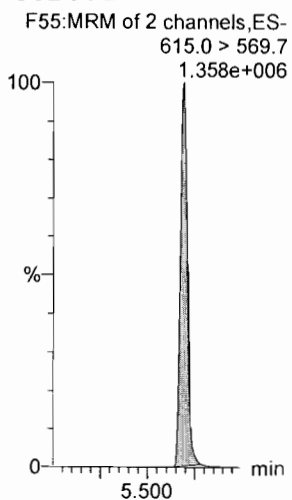
PFTrDA



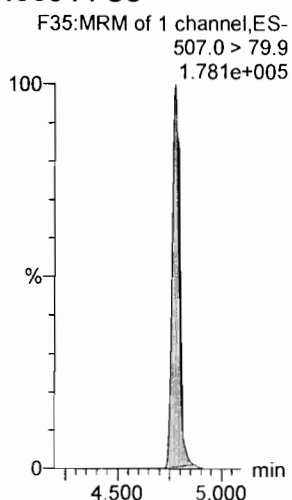
d3-N-EtFOSAA



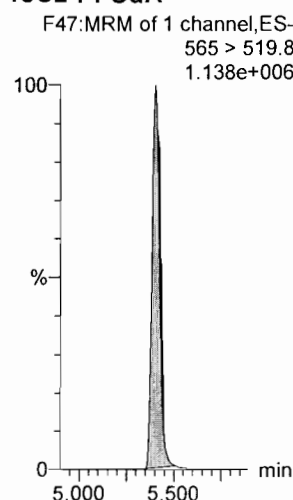
13C2-PFDoA



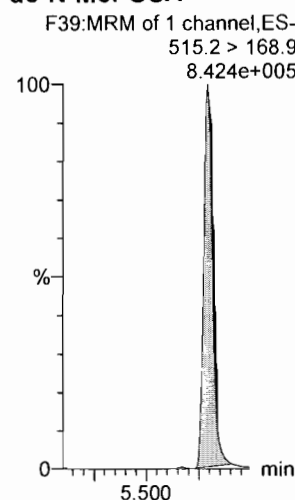
13C8-PFOS



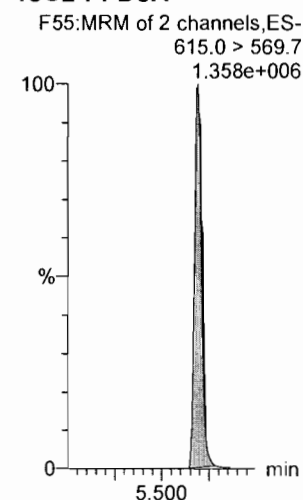
13C2-PFUdA



d3-N-MeFOSA



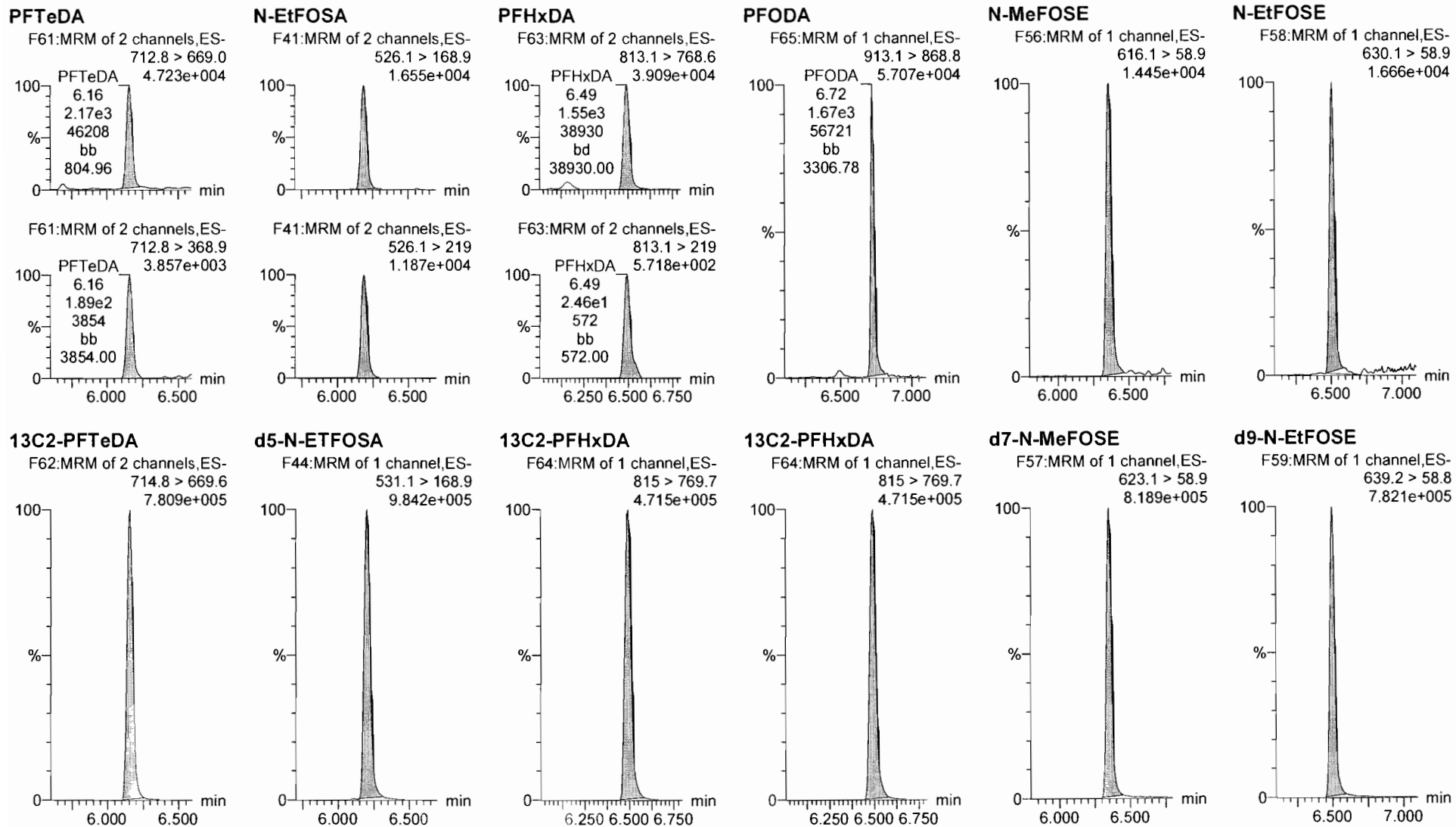
13C2-PFDoA



Dataset: Untitled

Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time
Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_3, Date: 25-Aug-2018, Time: 13:53:35, ID: ST180825M1-2 PFC CS-1 18H2103, Description: PFC CS-1 18H2103



Dataset: Untitled

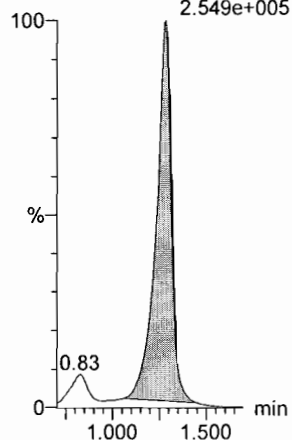
Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_3, Date: 25-Aug-2018, Time: 13:53:35, ID: ST180825M1-2 PFC CS-1 18H2103, Description: PFC CS-1 18H2103

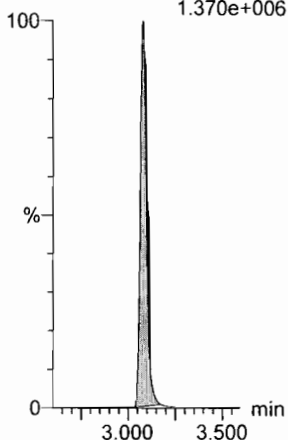
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
2.549e+005



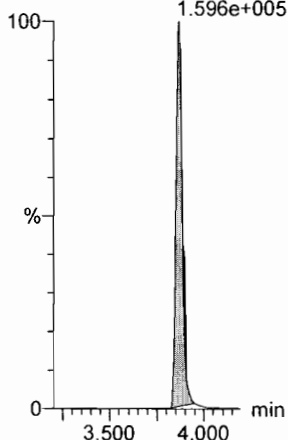
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
1.370e+006



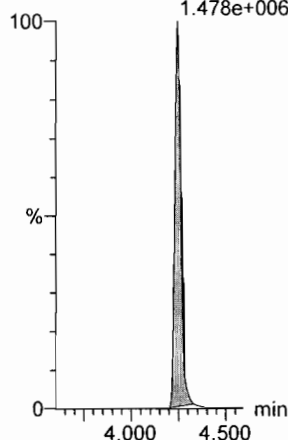
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.596e+005



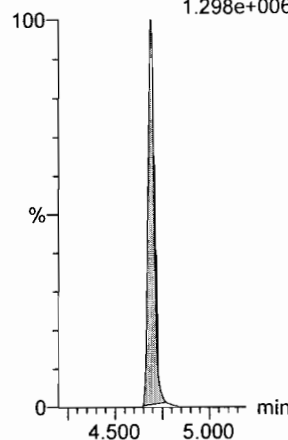
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
1.478e+006



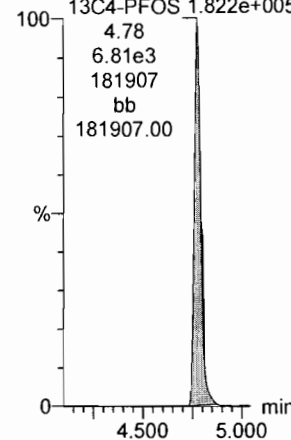
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.298e+006



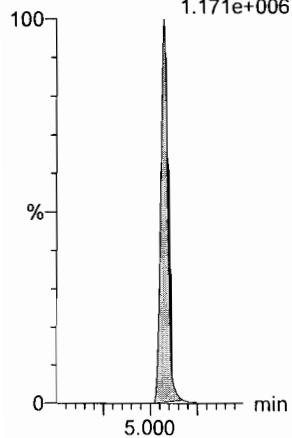
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.822e+005



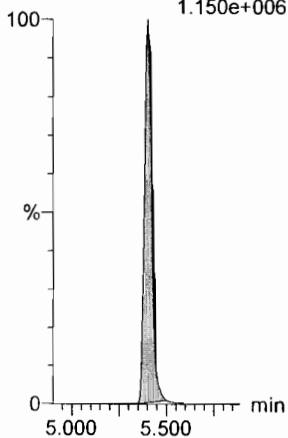
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.171e+006



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
1.150e+006



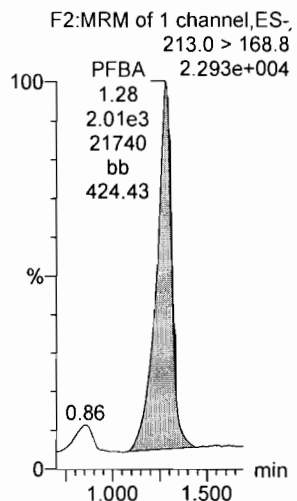
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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

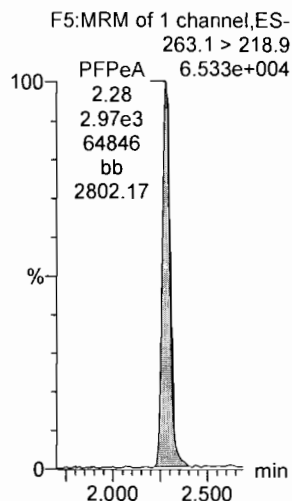
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Name: 180825M1_4, Date: 25-Aug-2018, Time: 14:04:14, ID: ST180825M1-3 PFC CS0 18H2104, Description: PFC CS0 18H2104

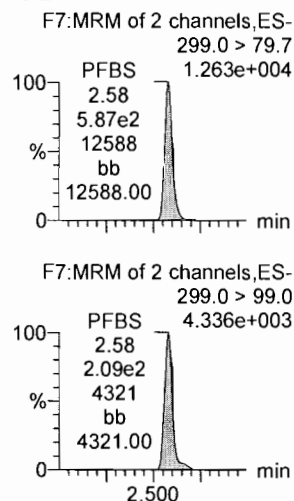
PFBA



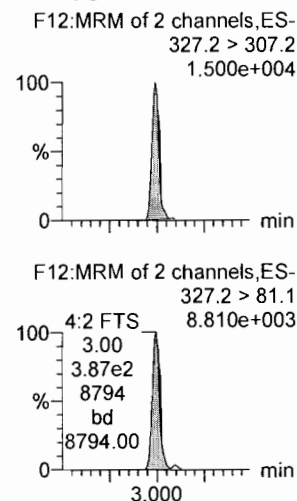
PFPeA



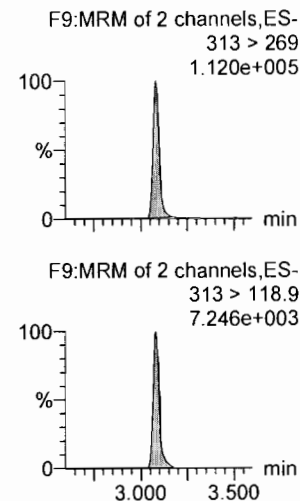
PFBS



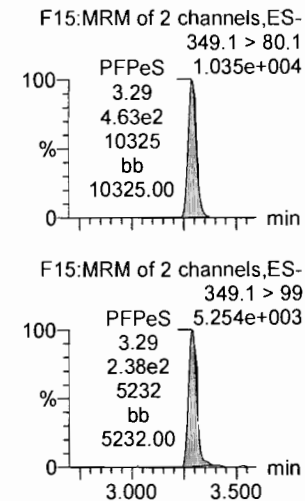
4:2 FTS



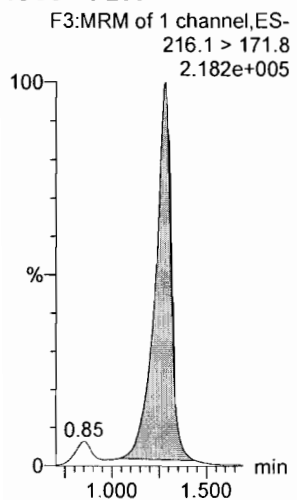
PFHxA



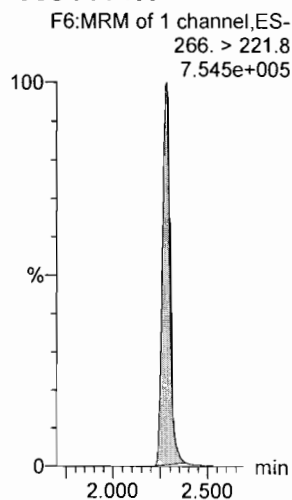
PFPeS



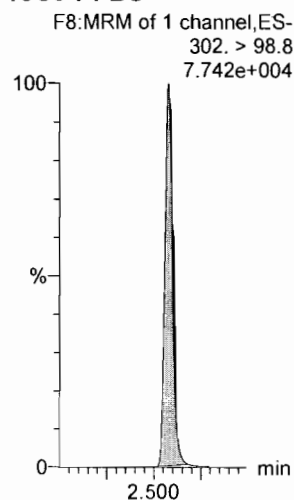
13C3-PFBA



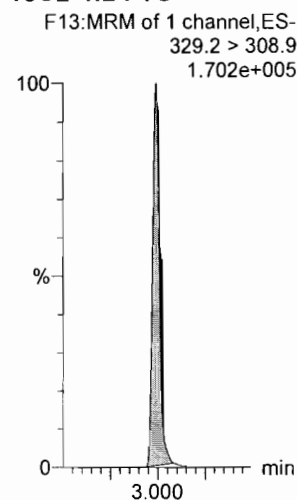
13C3-PFPeA



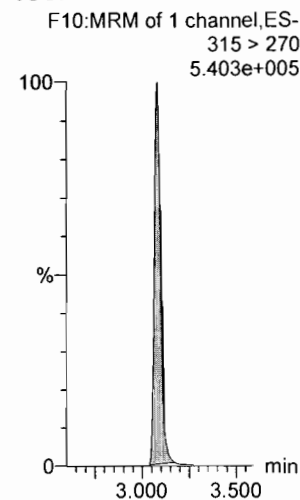
13C3-PFBS



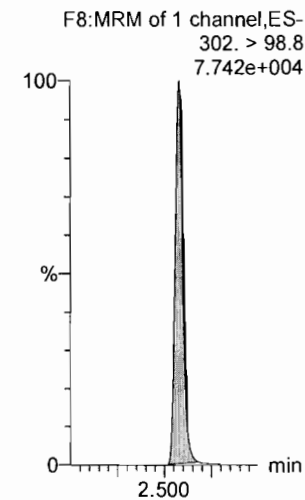
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



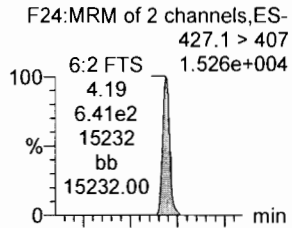
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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

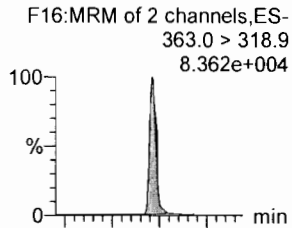
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Name: 180825M1_4, Date: 25-Aug-2018, Time: 14:04:14, ID: ST180825M1-3 PFC CS0 18H2104, Description: PFC CS0 18H2104

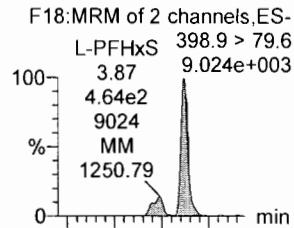
6:2 FTS



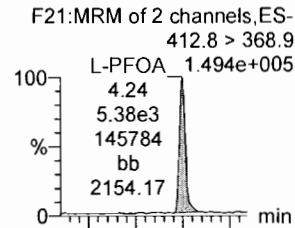
PFHpA



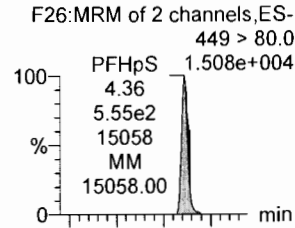
L-PFHxS



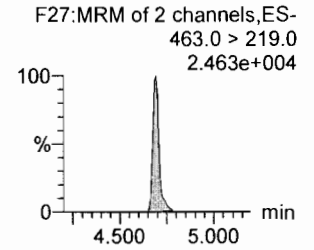
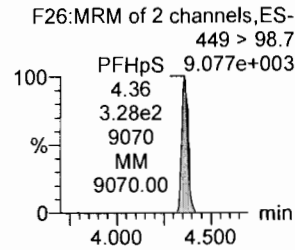
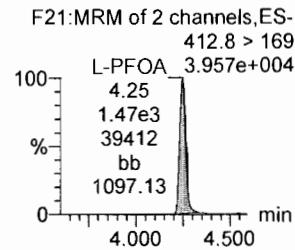
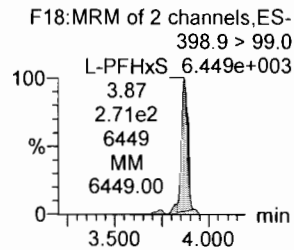
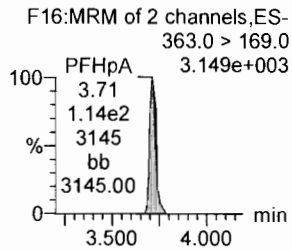
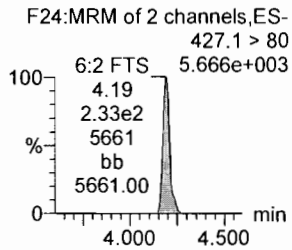
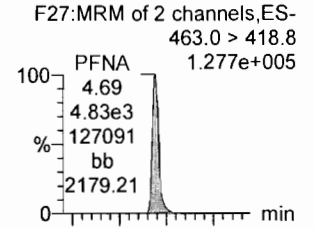
L-PFOA



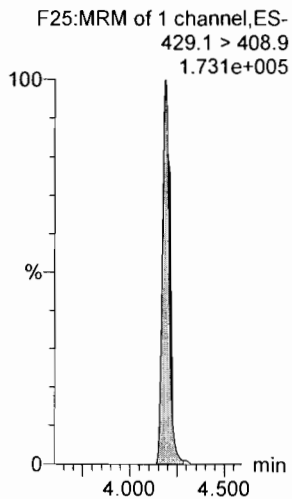
PFHpS



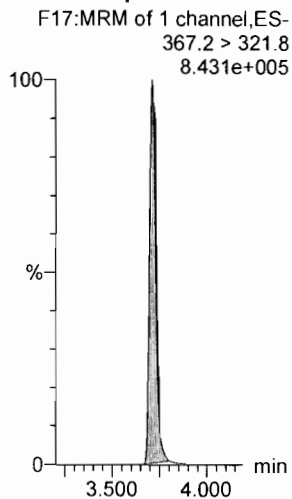
PFNA



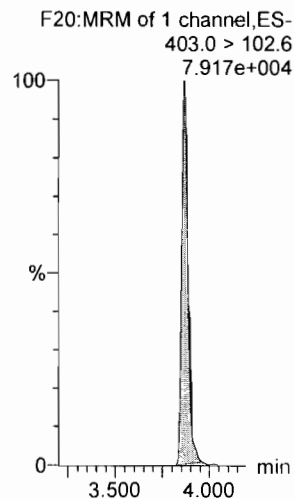
13C2-6:2 FTS



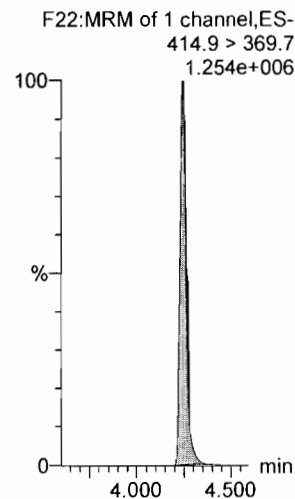
13C4-PFHpA



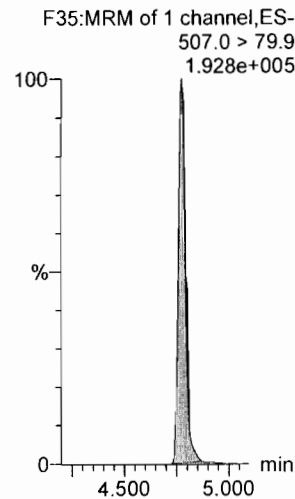
18O2-PFHxS



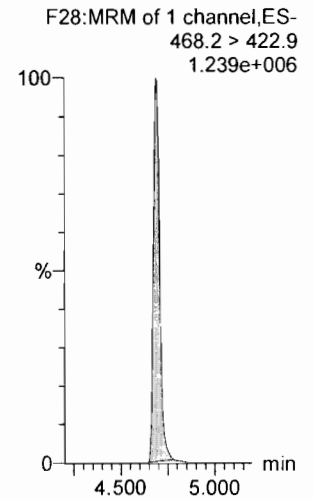
13C2-PFOA



13C8-PFOS



13C5-PFNA



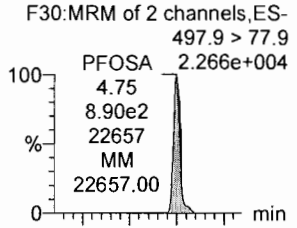
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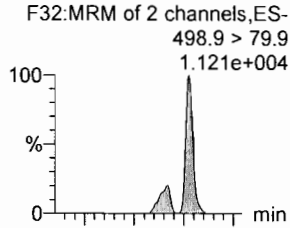
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Name: 180825M1_4, Date: 25-Aug-2018, Time: 14:04:14, ID: ST180825M1-3 PFC CS0 18H2104, Description: PFC CS0 18H2104

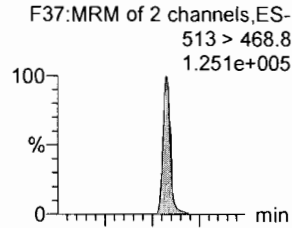
PFOSA



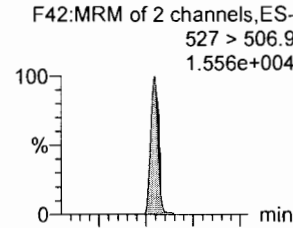
L-PFOS



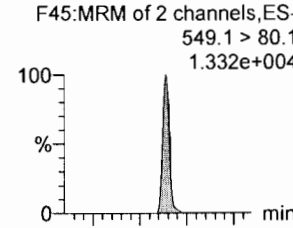
PFDA



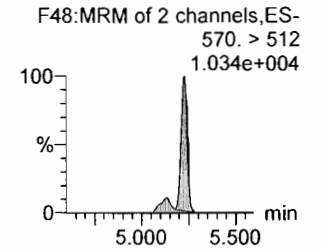
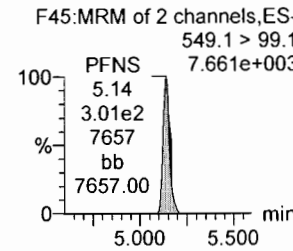
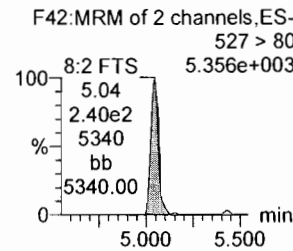
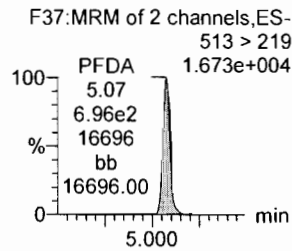
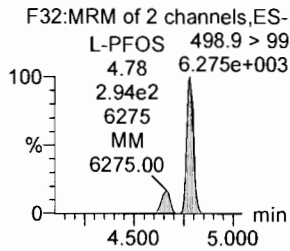
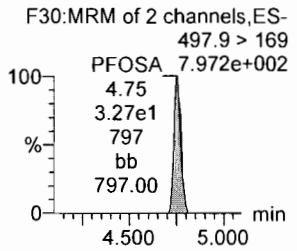
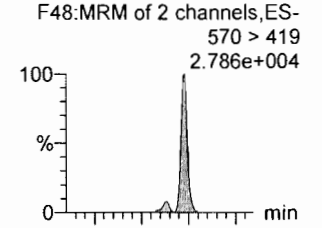
8:2 FTS



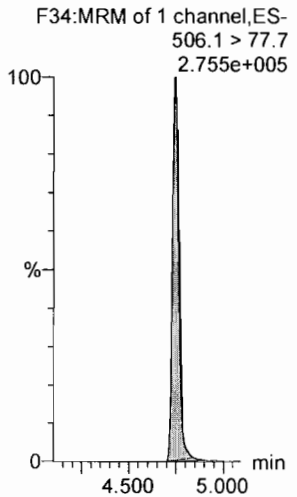
PFNS



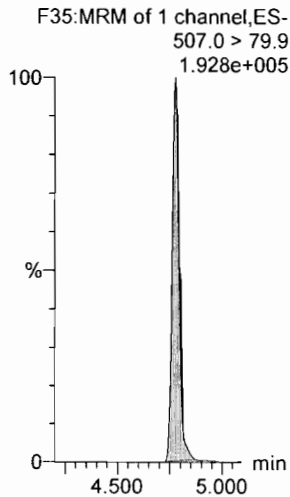
L-MeFOSAA



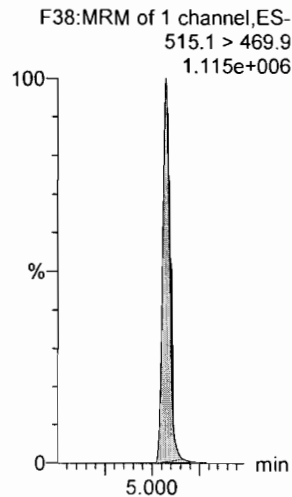
13C8-PFOA



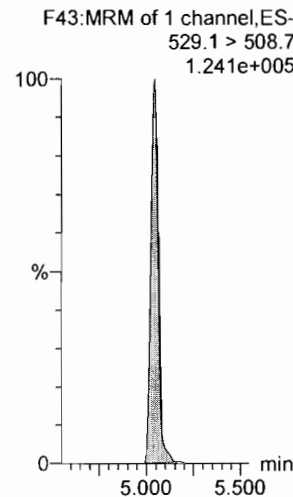
13C8-PFOS



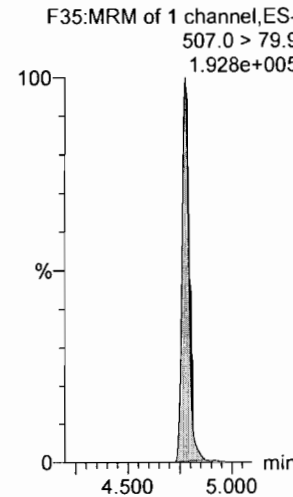
13C2-PFDA



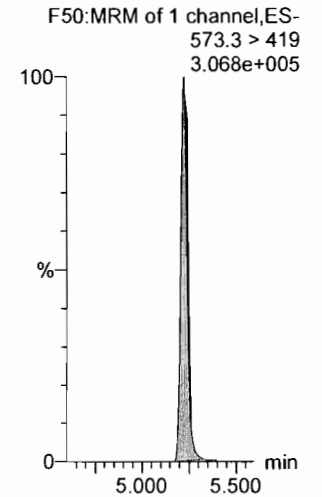
13C2-8:2 FTS



13C8-PFNS



d3-N-MeFOSAA



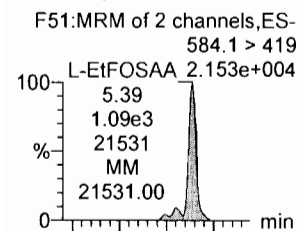
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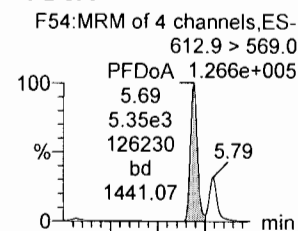
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Name: 180825M1_4, Date: 25-Aug-2018, Time: 14:04:14, ID: ST180825M1-3 PFC CS0 18H2104, Description: PFC CS0 18H2104

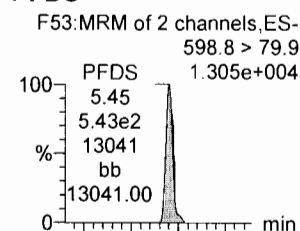
L-EtFOSAA



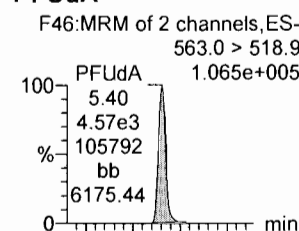
PFDoA



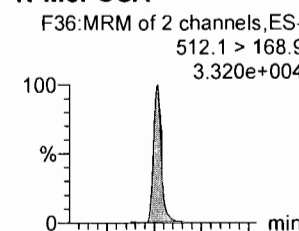
PFDS



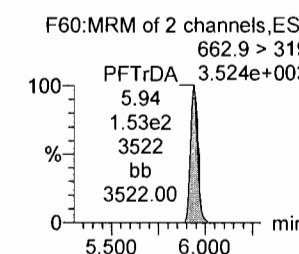
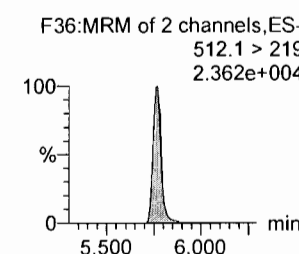
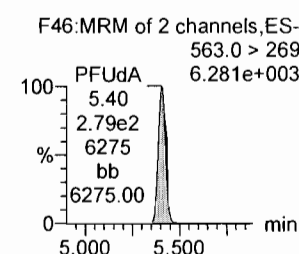
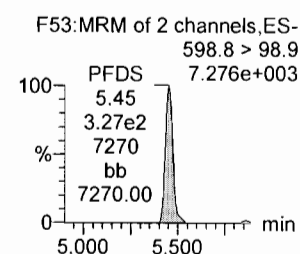
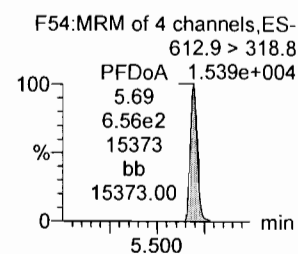
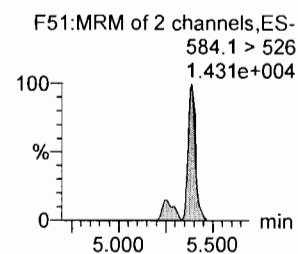
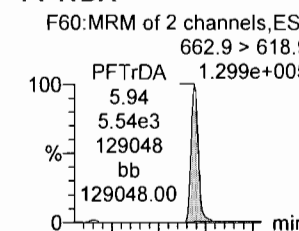
PFUdA



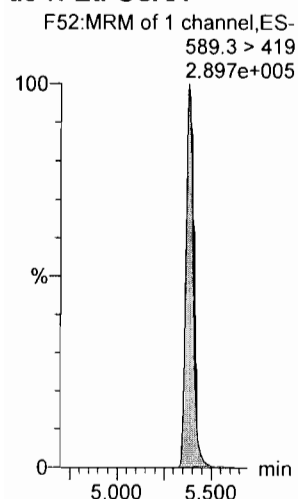
N-MeFOSA



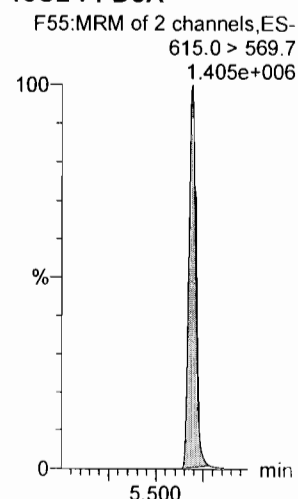
PFTTrDA



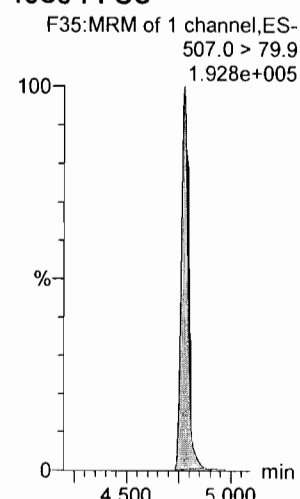
d5-N-EtFOSAA



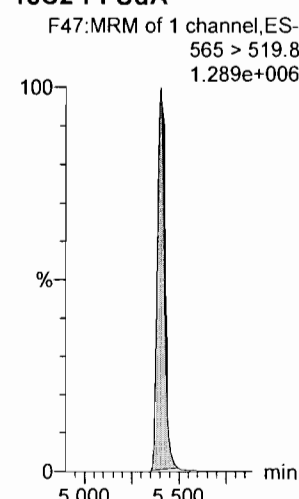
13C2-PFDoA



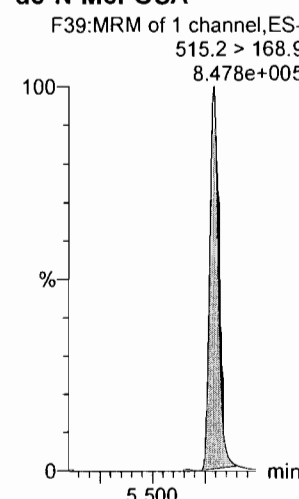
13C8-PFOS



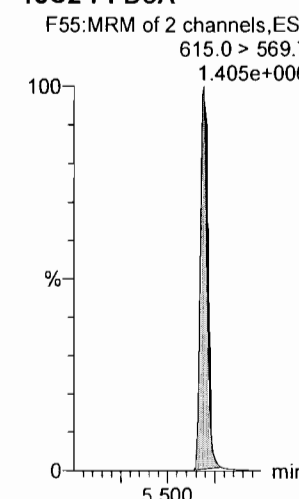
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA

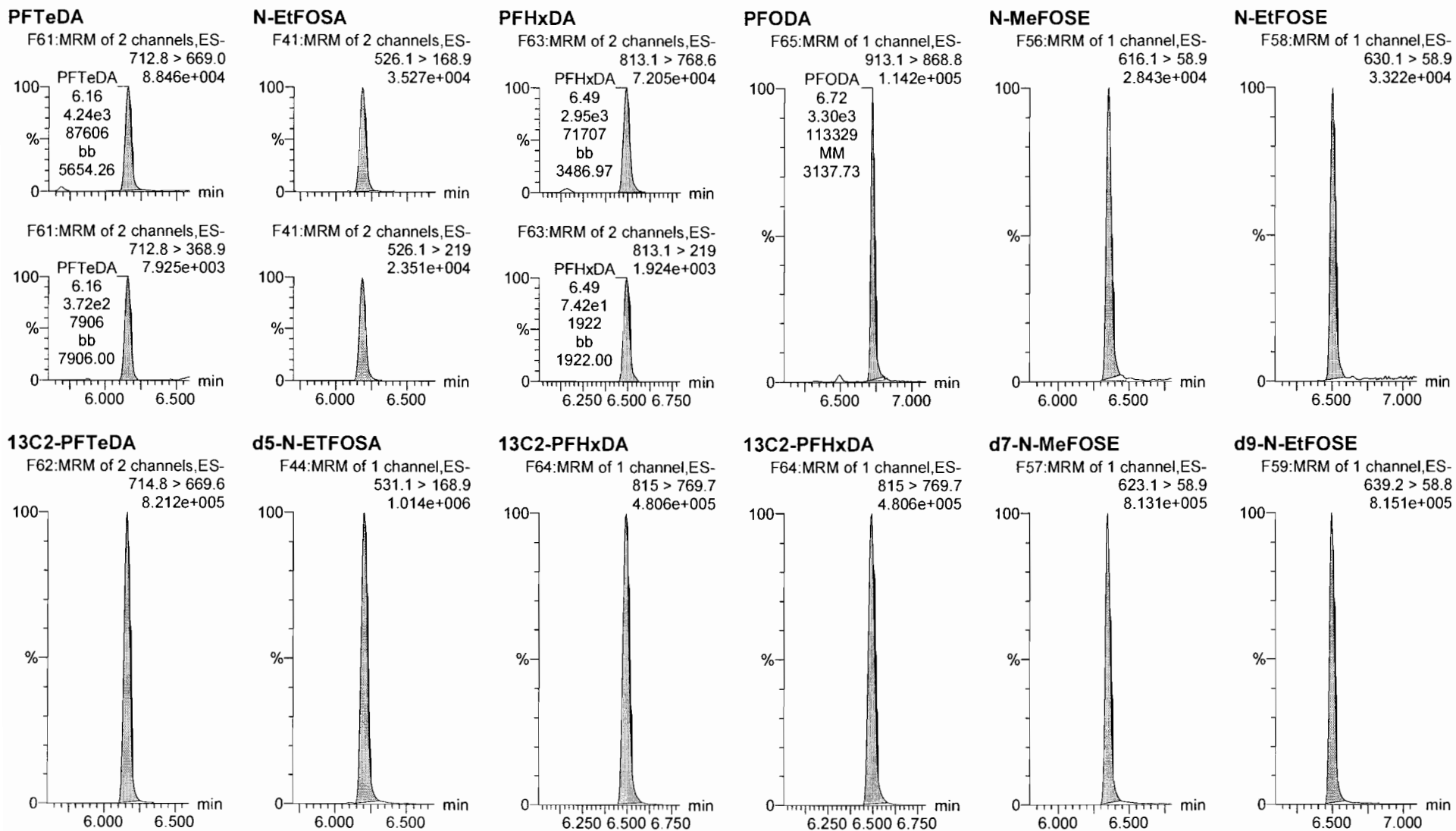


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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

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Name: 180825M1_4, Date: 25-Aug-2018, Time: 14:04:14, ID: ST180825M1-3 PFC CS0 18H2104, Description: PFC CS0 18H2104

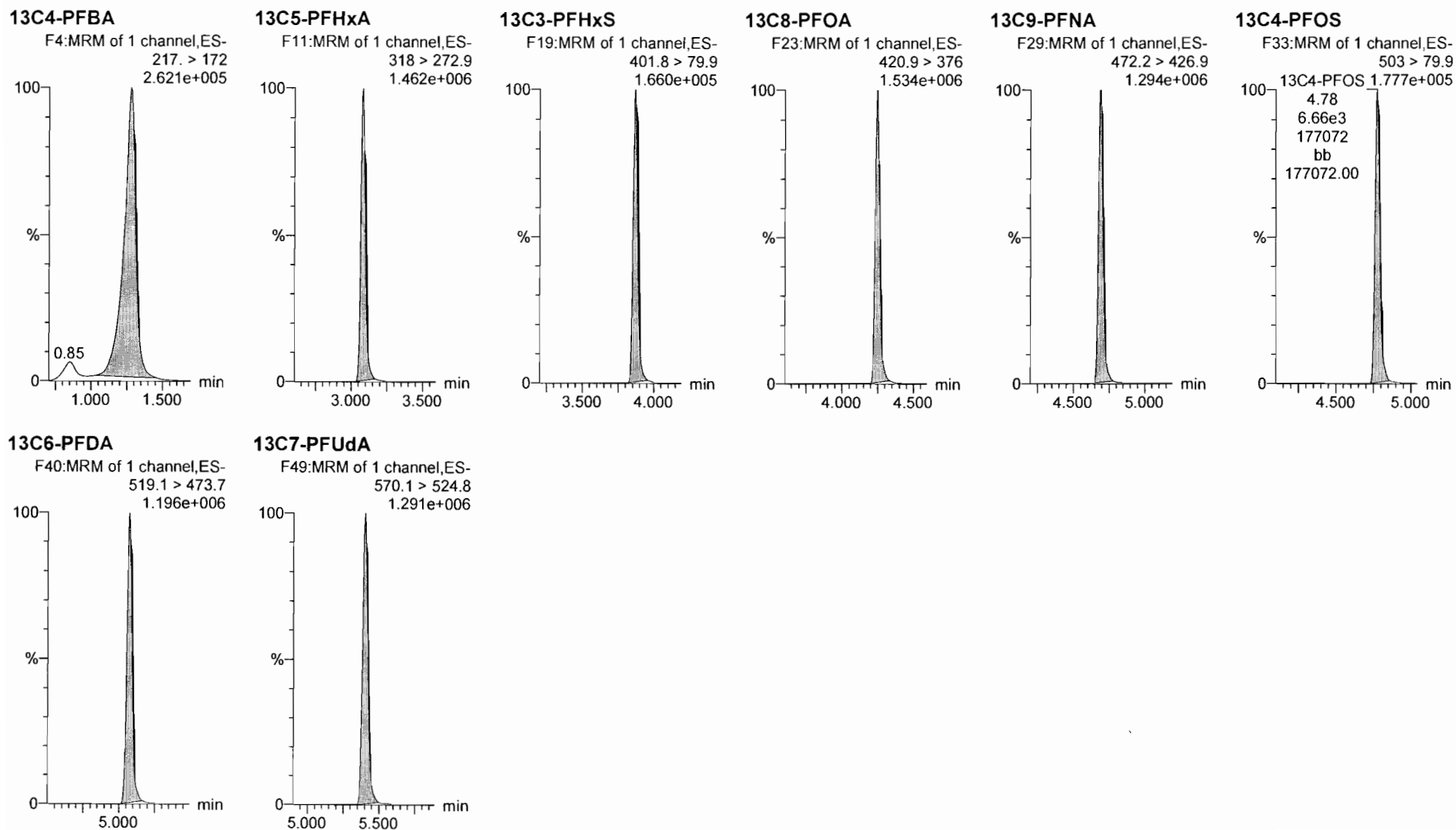


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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_4, Date: 25-Aug-2018, Time: 14:04:14, ID: ST180825M1-3 PFC CS0 18H2104, Description: PFC CS0 18H2104



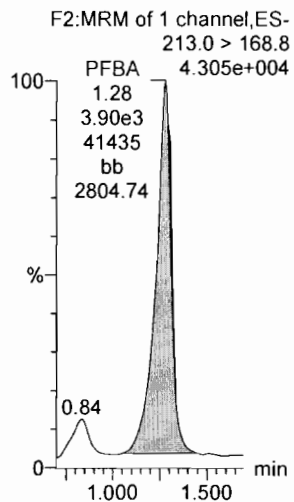
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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

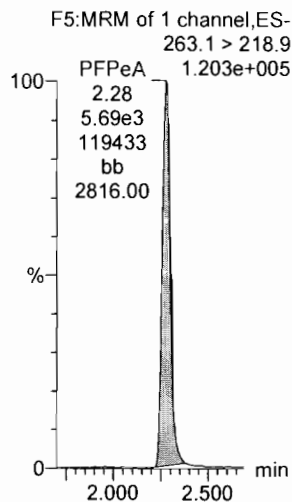
Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_5, Date: 25-Aug-2018, Time: 14:14:47, ID: ST180825M1-4 PFC CS1 18H2105, Description: PFC CS1 18H2105

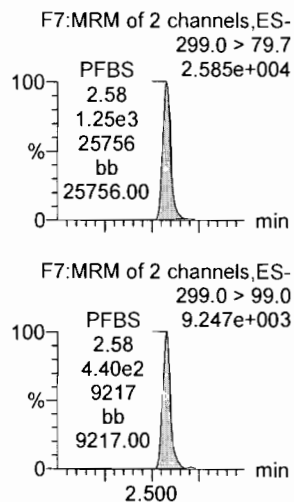
PFBA



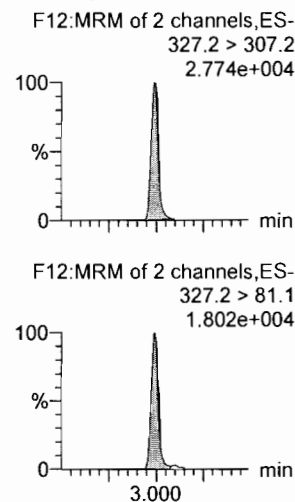
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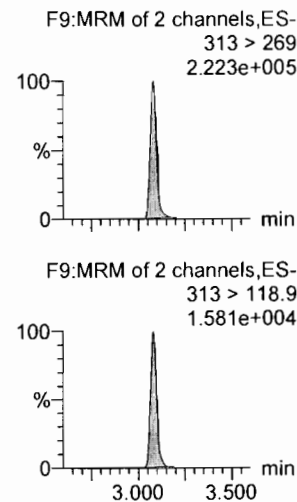
PFBS



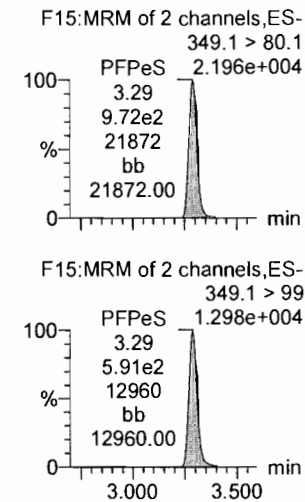
4:2 FTS



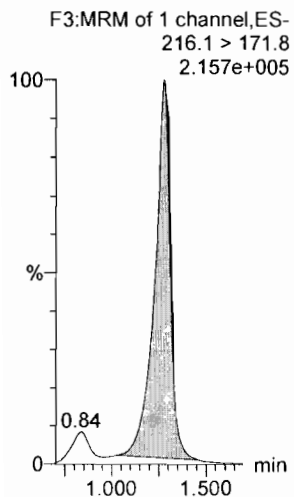
PFHxA



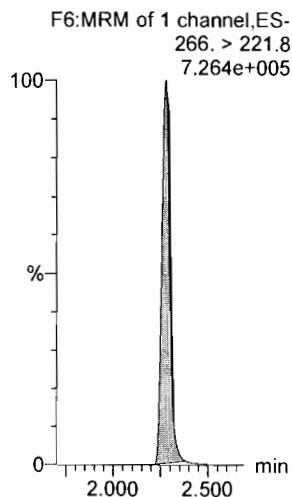
PFPeS



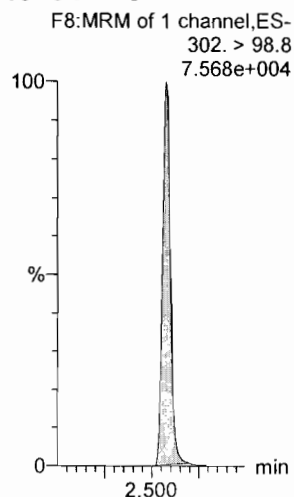
13C3-PFBA



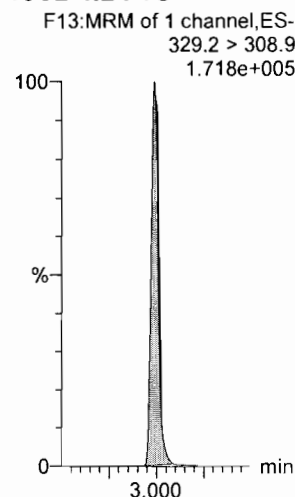
13C3-PFPeA



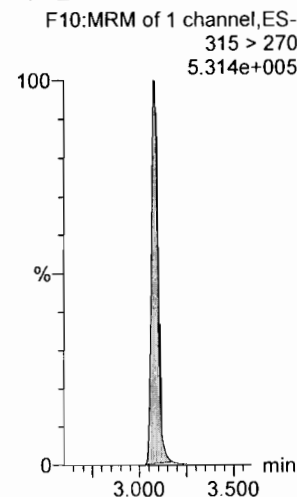
13C3-PFBS



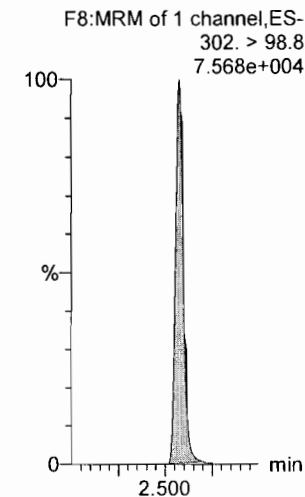
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



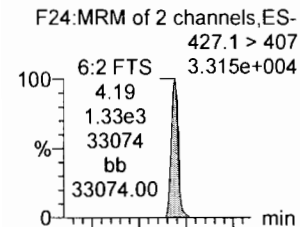
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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

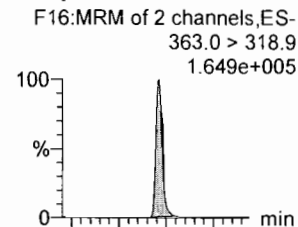
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Name: 180825M1_5, Date: 25-Aug-2018, Time: 14:14:47, ID: ST180825M1-4 PFC CS1 18H2105, Description: PFC CS1 18H2105

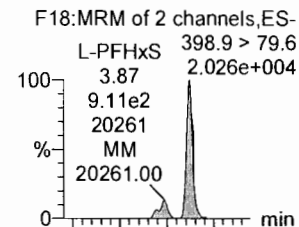
6:2 FTS



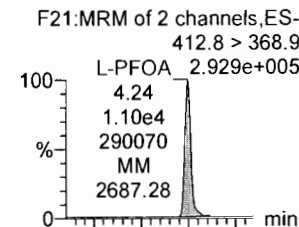
PFHpA



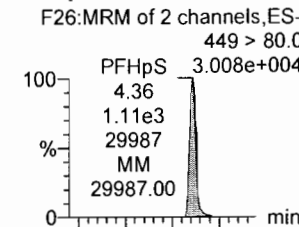
L-PFHxS



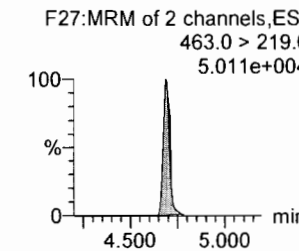
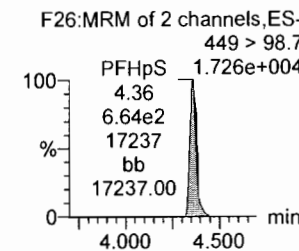
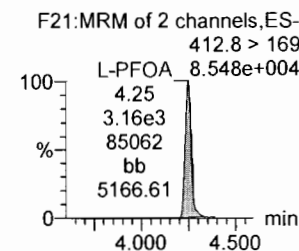
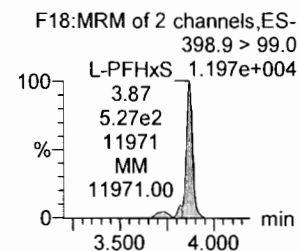
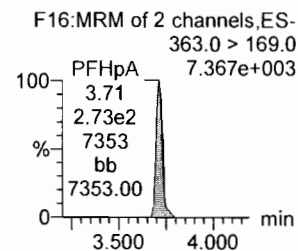
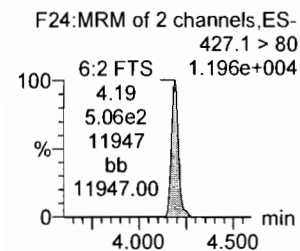
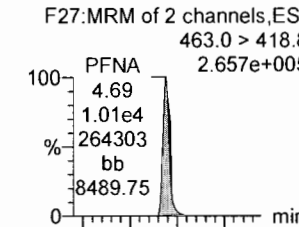
L-PFOA



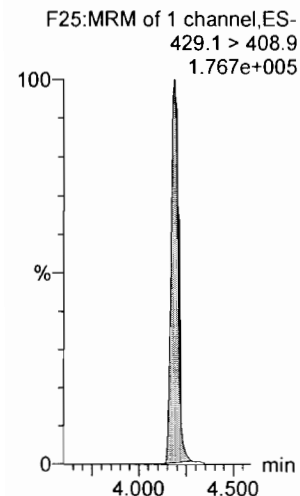
PFHpS



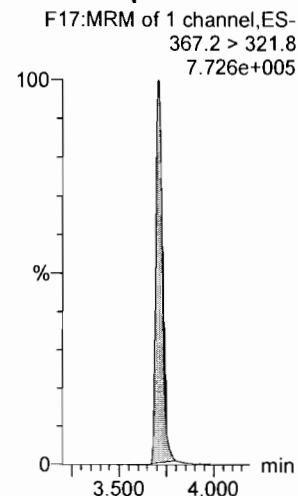
PFNA



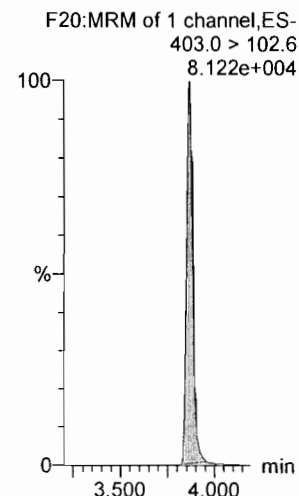
13C2-6:2 FTS



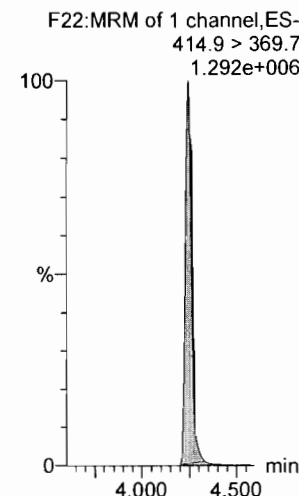
13C4-PFHpA



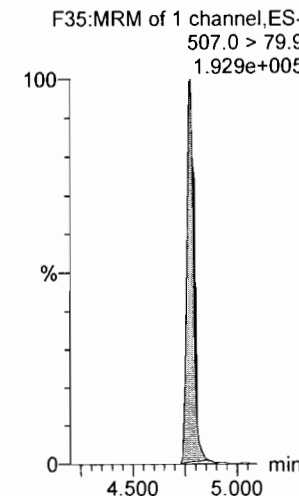
18O2-PFHxS



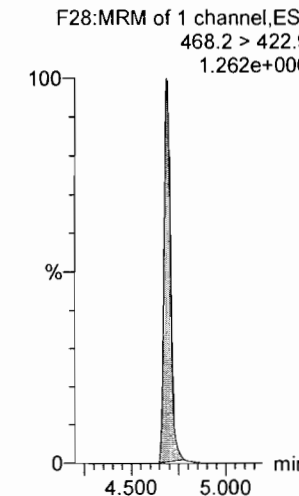
13C2-PFOA



13C8-PFOS



13C5-PFNA

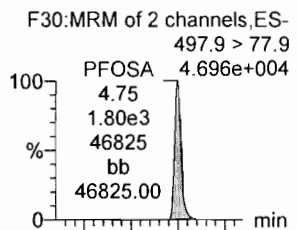


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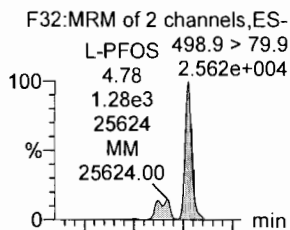
Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time
Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_5, Date: 25-Aug-2018, Time: 14:14:47, ID: ST180825M1-4 PFC CS1 18H2105, Description: PFC CS1 18H2105

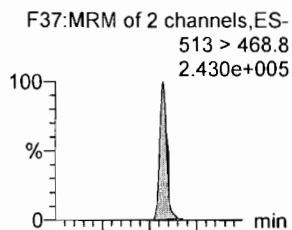
PFOSA



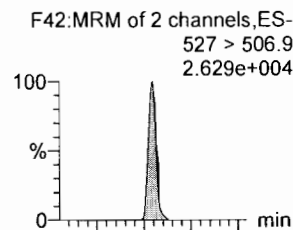
L-PFOS



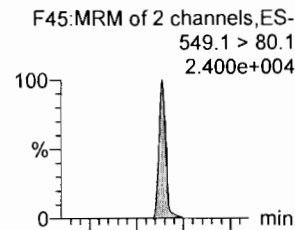
PFDA



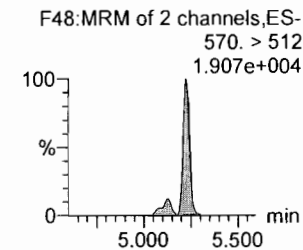
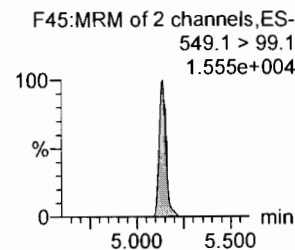
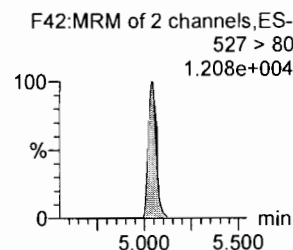
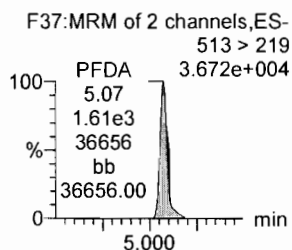
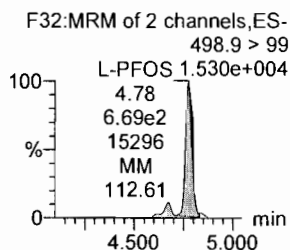
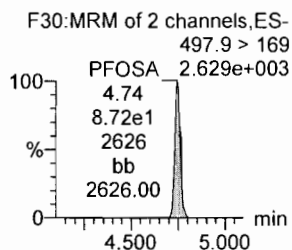
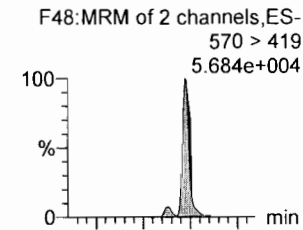
8:2 FTS



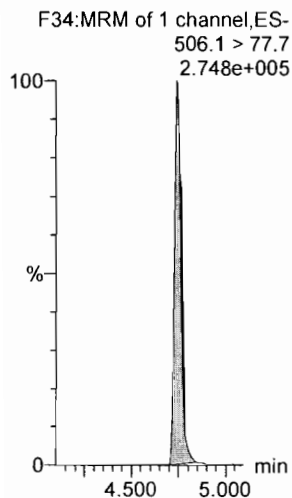
PFNS



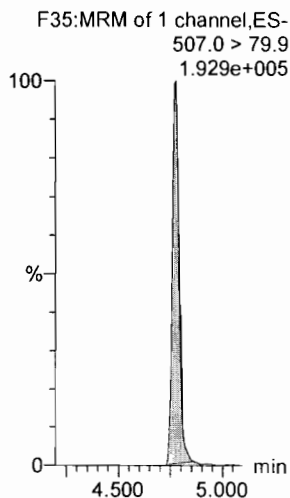
L-MeFOSAA



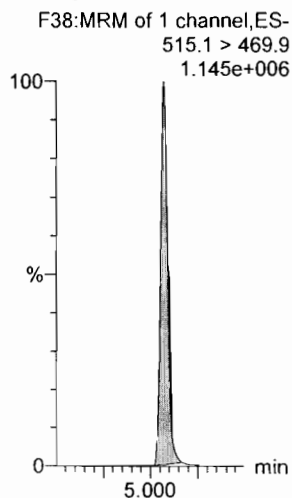
13C8-PFOSA



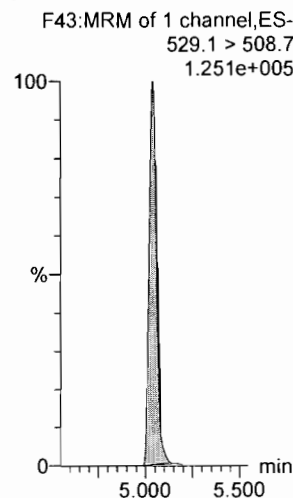
13C8-PFOS



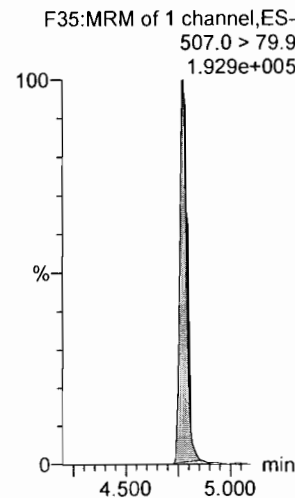
13C2-PFDA



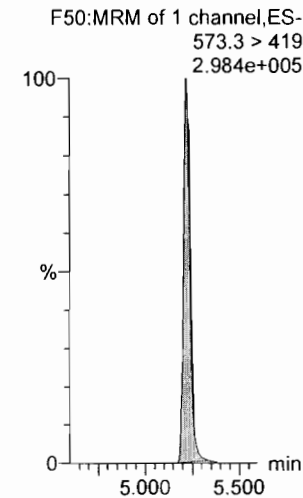
13C2-8:2 FTS



13C8-PFNS



d3-N-MeFOSAA

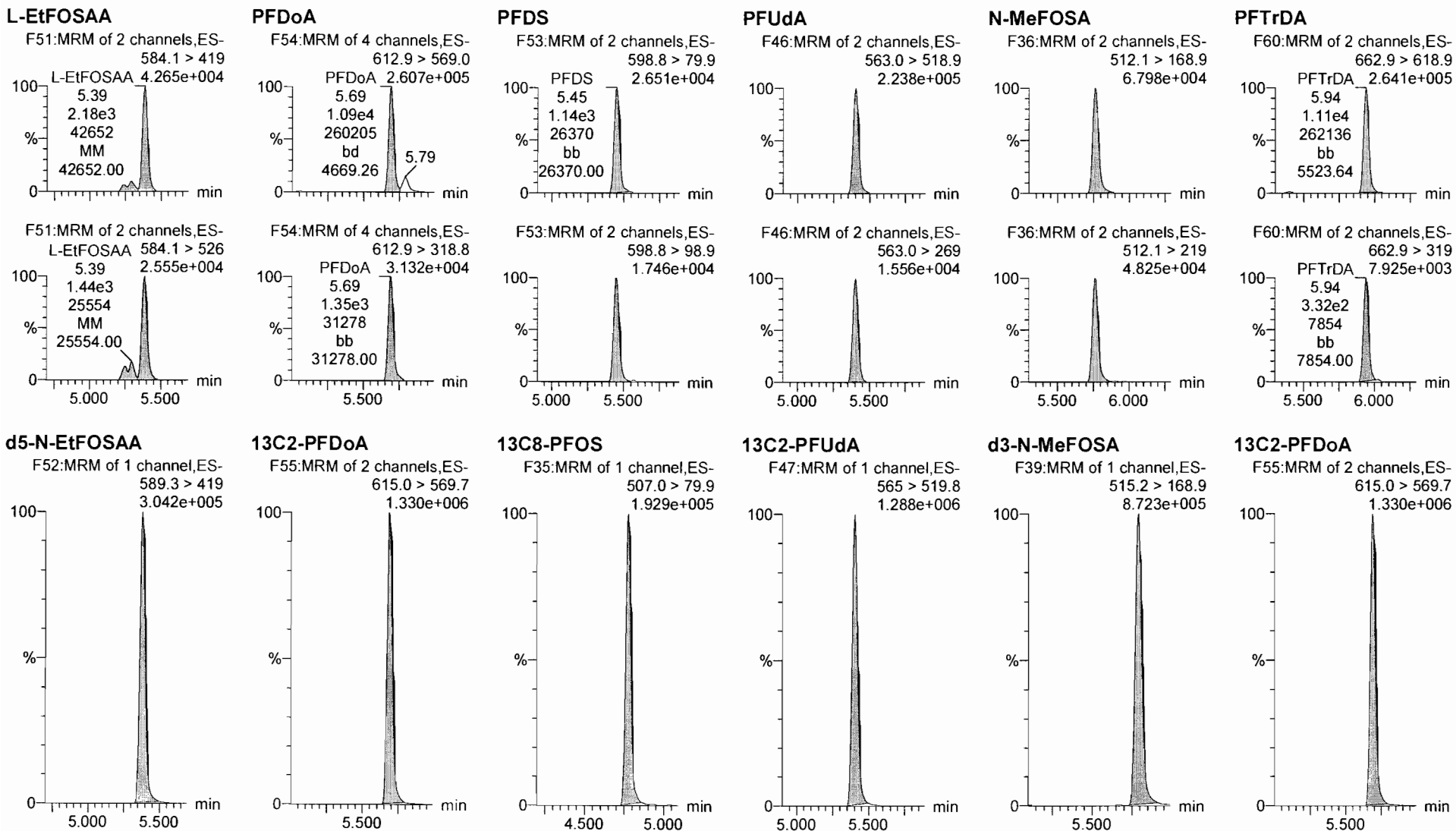


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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

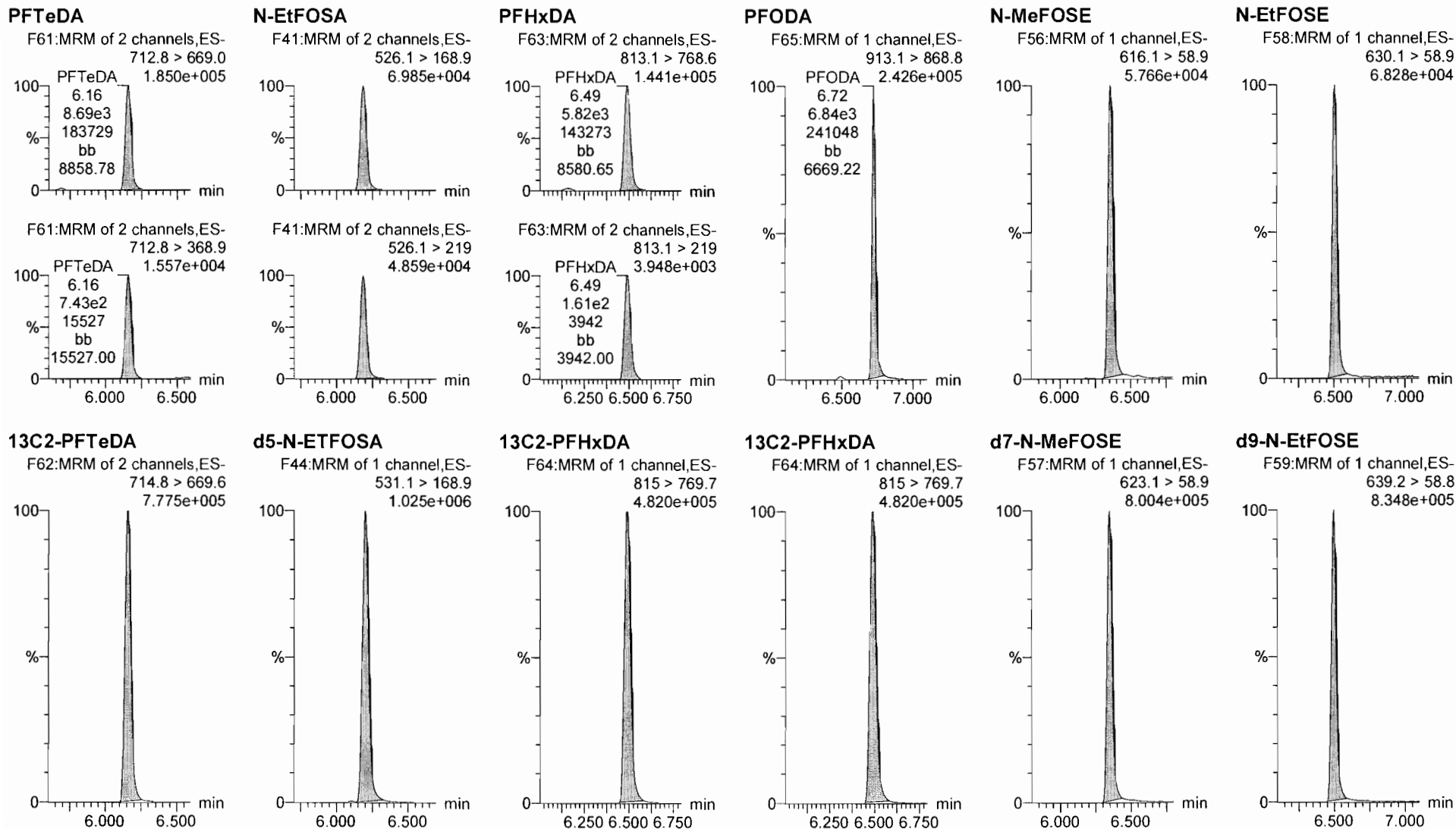
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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time
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Name: 180825M1_5, Date: 25-Aug-2018, Time: 14:14:47, ID: ST180825M1-4 PFC CS1 18H2105, Description: PFC CS1 18H2105



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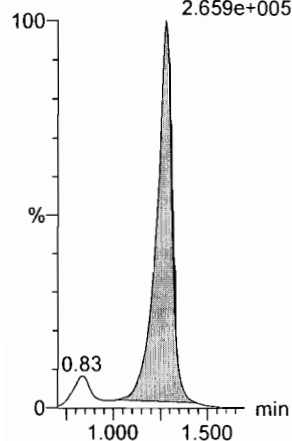
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Name: 180825M1_5, Date: 25-Aug-2018, Time: 14:14:47, ID: ST180825M1-4 PFC CS1 18H2105, Description: PFC CS1 18H2105

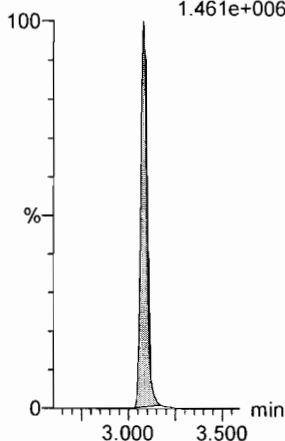
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
2.659e+005



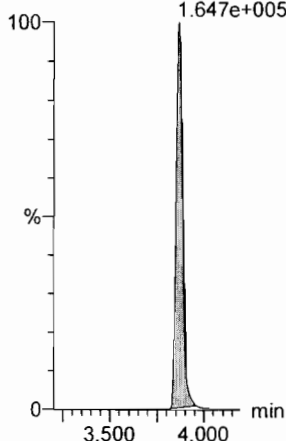
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
1.461e+006



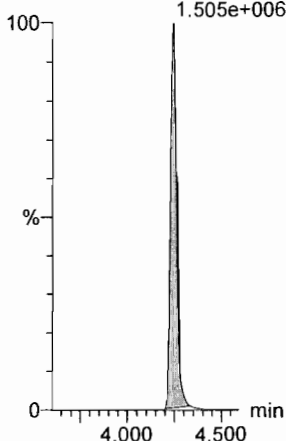
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.647e+005



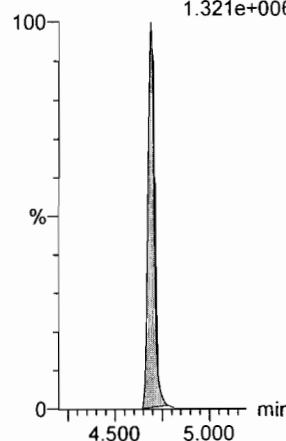
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
1.505e+006



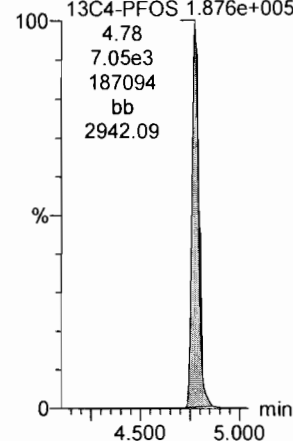
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.321e+006



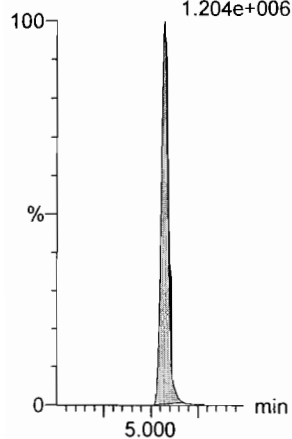
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.876e+005



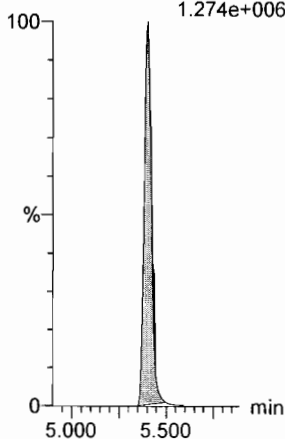
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.204e+006



13C7-PFUDa

F49:MRM of 1 channel,ES-
570.1 > 524.8
1.274e+006



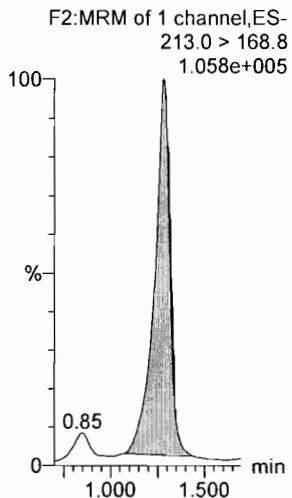
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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

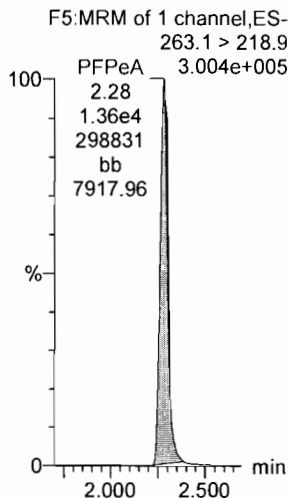
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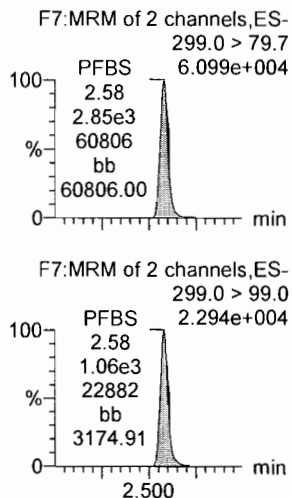
PFBA



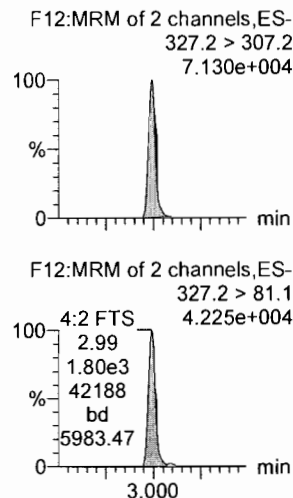
PFPeA



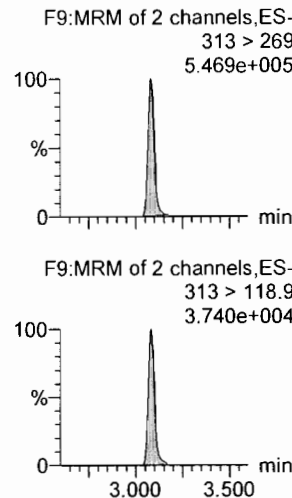
PFBS



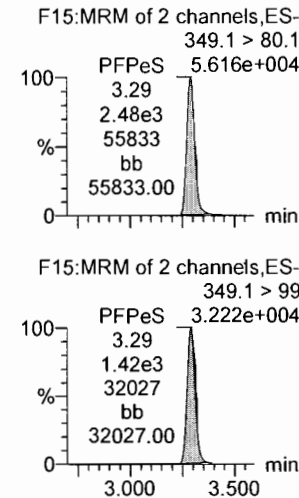
4:2 FTS



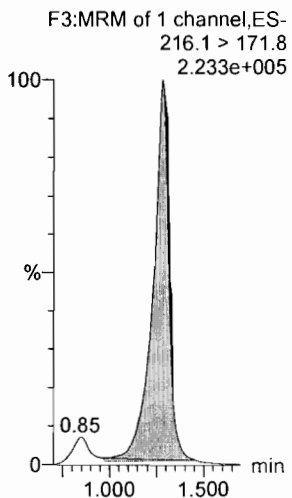
PFHxA



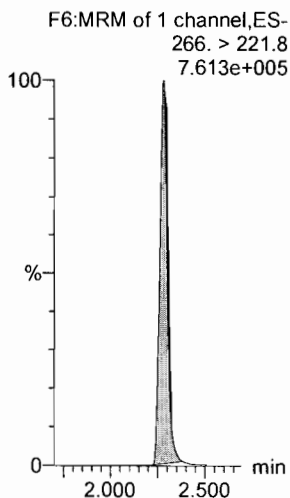
PFPeS



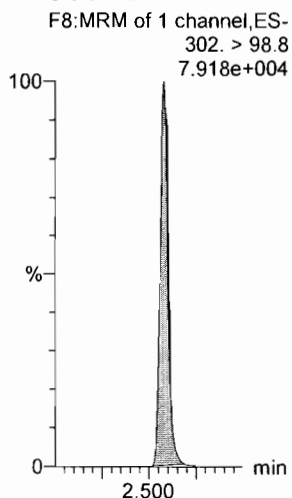
13C3-PFBA



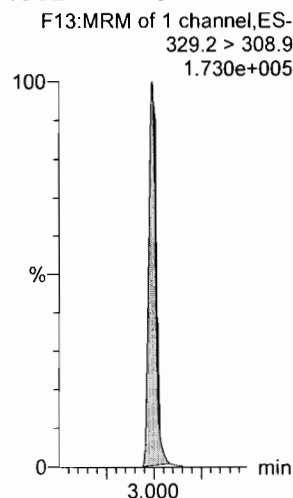
13C3-PFPeA



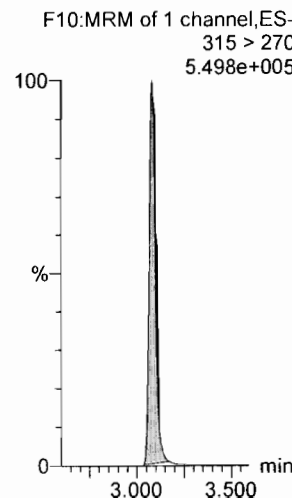
13C3-PFBS



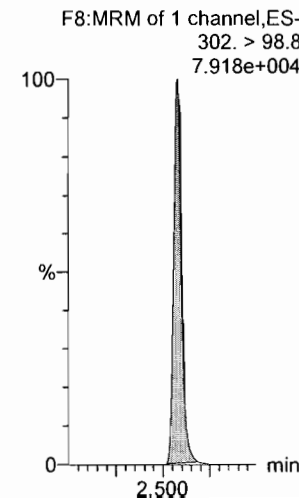
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



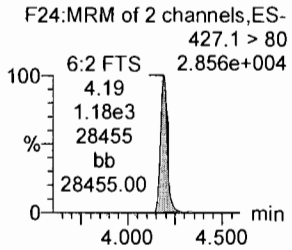
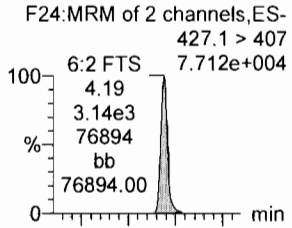
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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

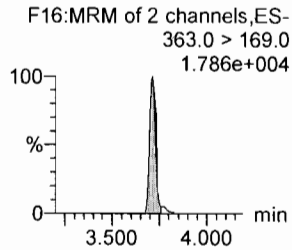
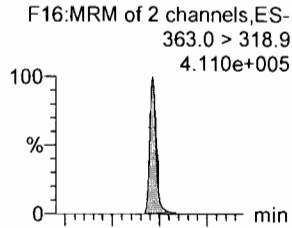
Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_6, Date: 25-Aug-2018, Time: 14:25:25, ID: ST180825M1-5 PFC CS2 18H2106, Description: PFC CS2 18H2106

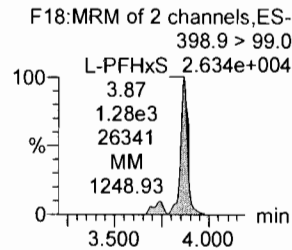
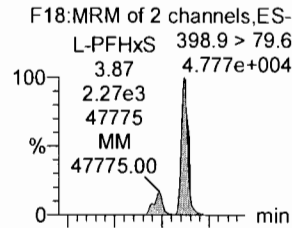
6:2 FTS



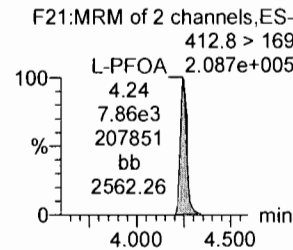
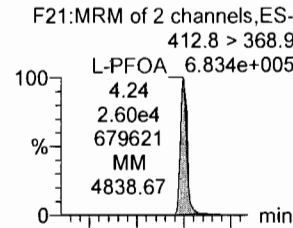
PFHpA



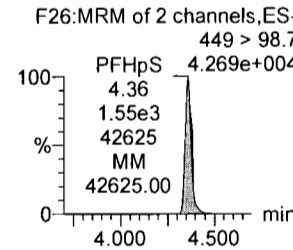
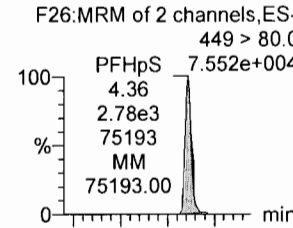
L-PFHxS



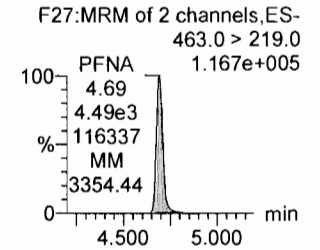
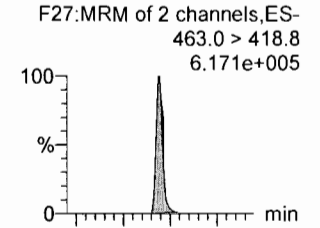
L-PFOA



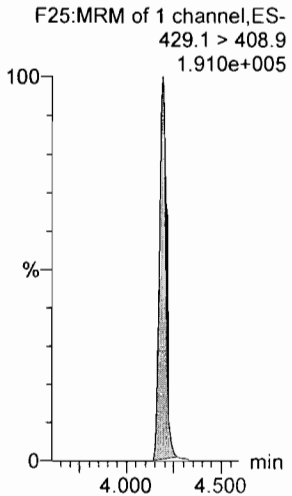
PFHpS



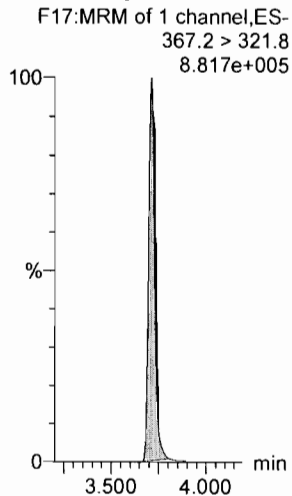
PFNA



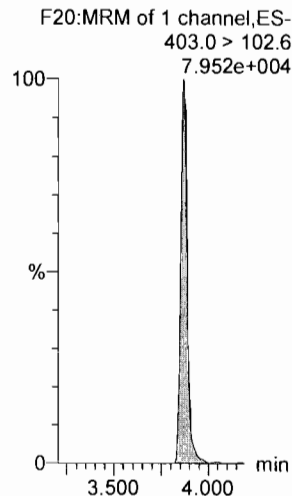
13C2-6:2 FTS



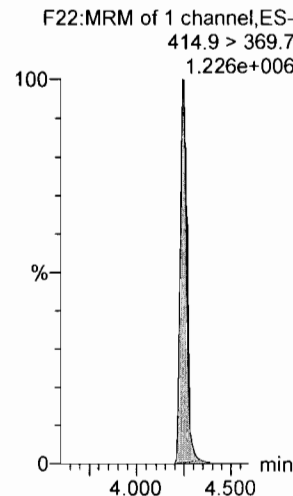
13C4-PFHpA



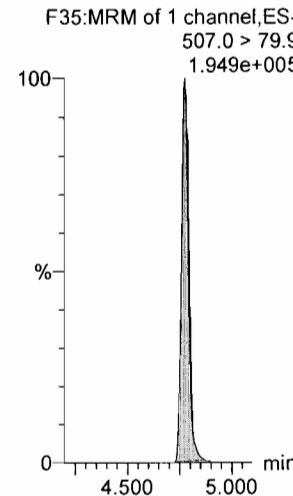
18O2-PFHxS



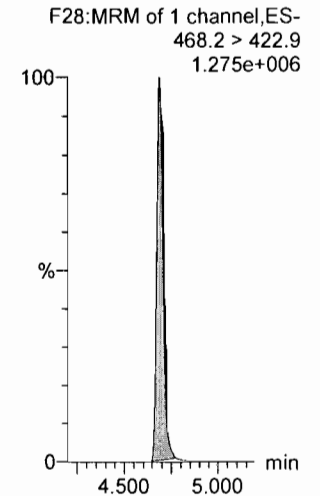
13C2-PFOA



13C8-PFOS



13C5-PFNA



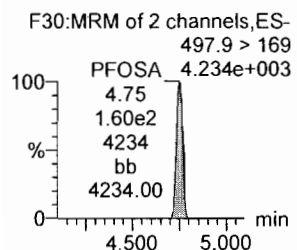
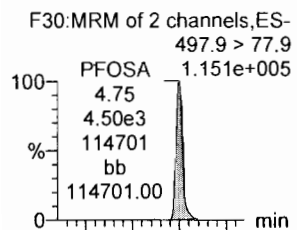
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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

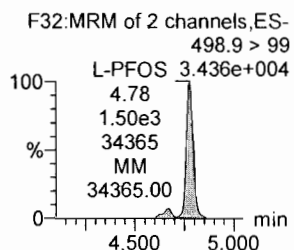
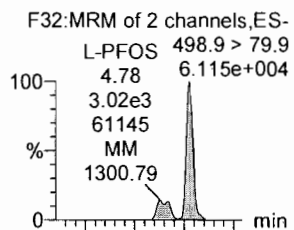
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Name: 180825M1_6, Date: 25-Aug-2018, Time: 14:25:25, ID: ST180825M1-5 PFC CS2 18H2106, Description: PFC CS2 18H2106

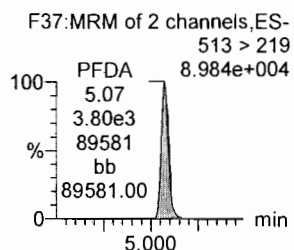
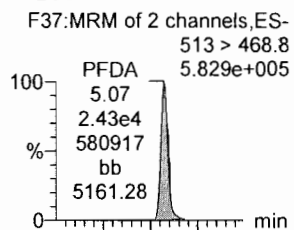
PFOSA



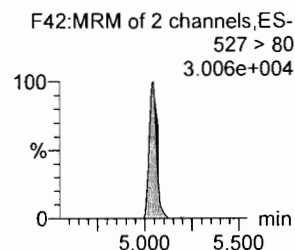
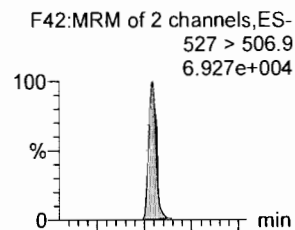
L-PFOS



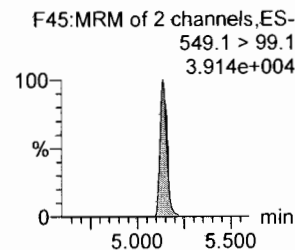
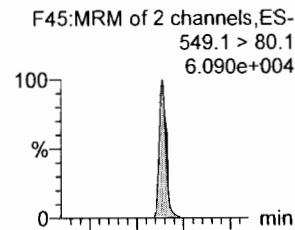
PFDA



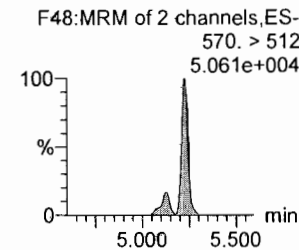
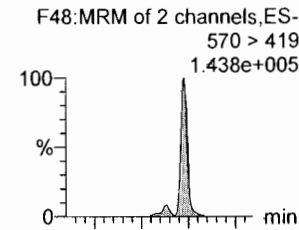
8:2 FTS



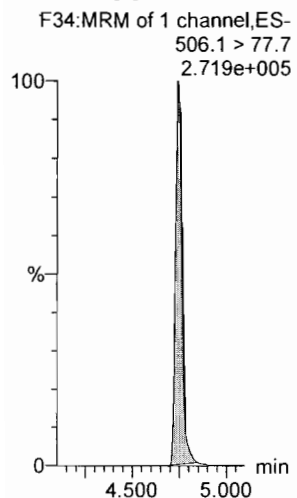
PFNS



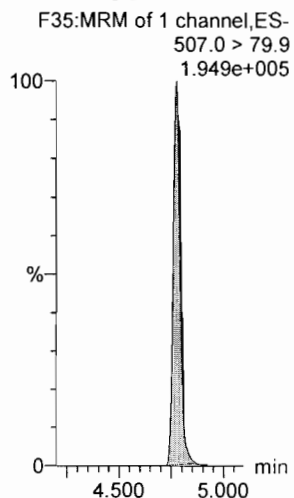
L-MeFOSAA



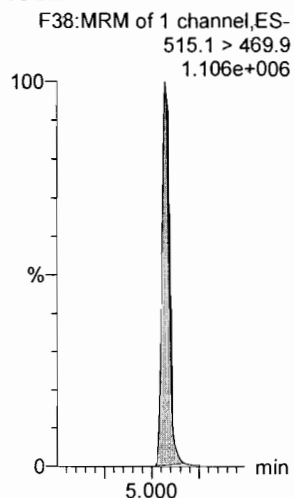
13C8-PFOSA



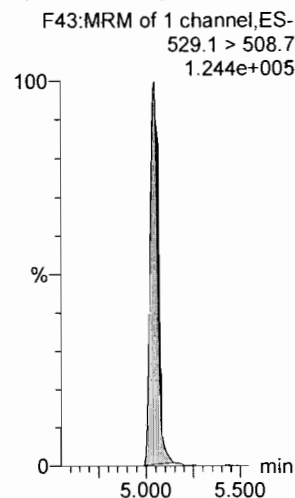
13C8-PFOS



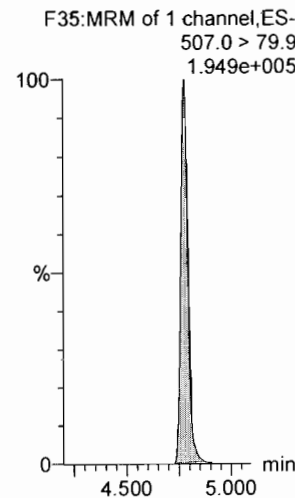
13C2-PFDA



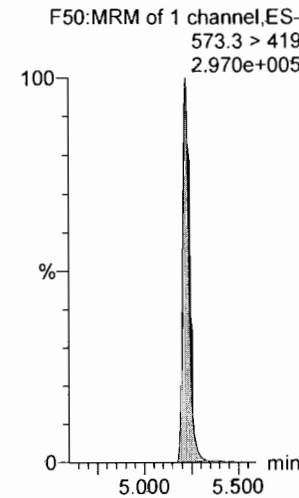
13C2-8:2 FTS



13C8-PFNS



d3-N-MeFOSAA



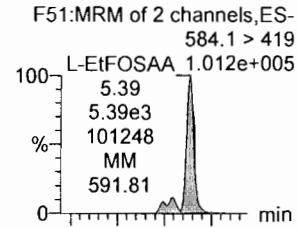
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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

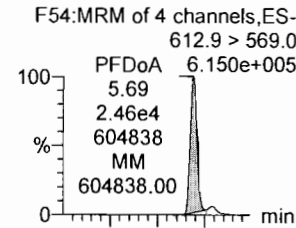
Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_6, Date: 25-Aug-2018, Time: 14:25:25, ID: ST180825M1-5 PFC CS2 18H2106, Description: PFC CS2 18H2106

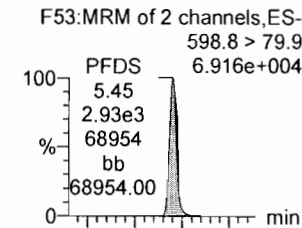
L-EtFOSAA



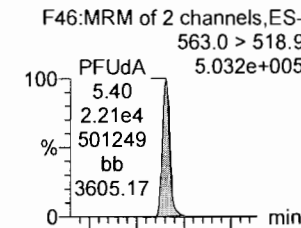
PFDoA



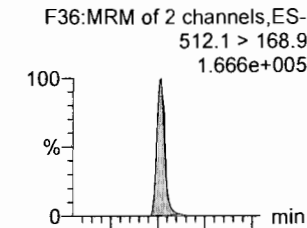
PFDS



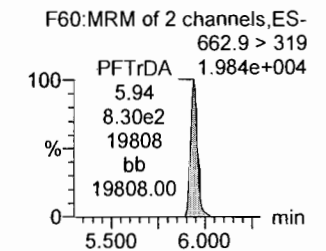
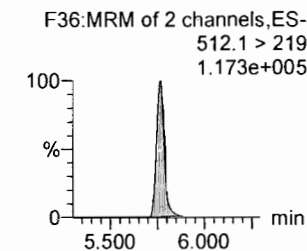
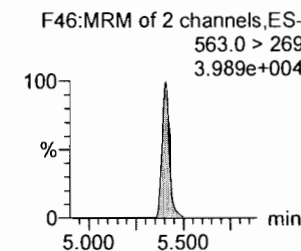
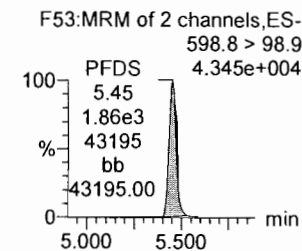
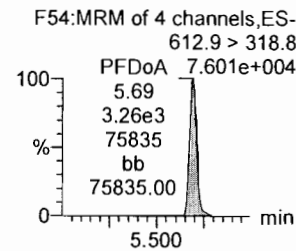
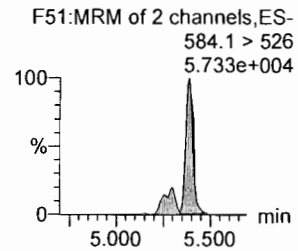
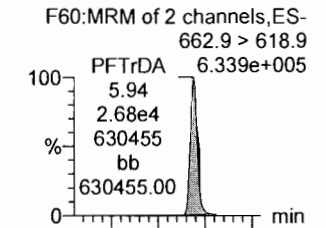
PFUdA



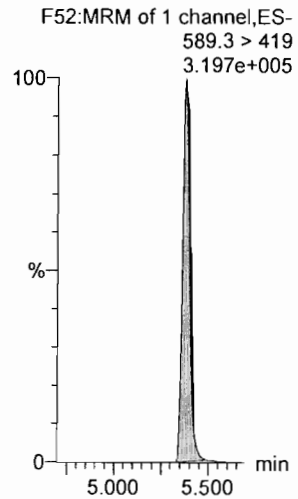
N-MeFOSA



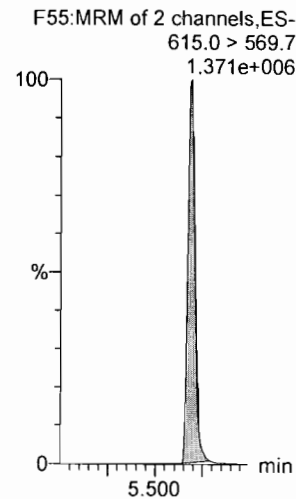
PFTTrDA



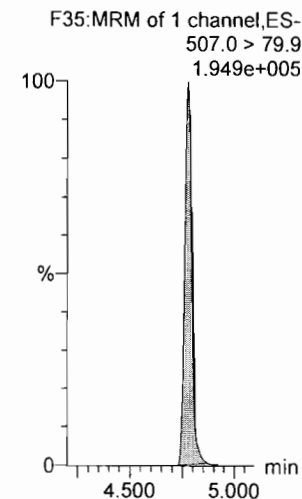
d5-N-EtFOSAA



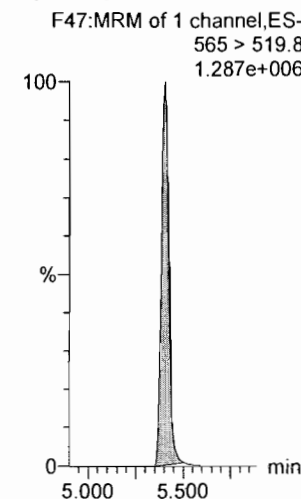
13C2-PFDoA



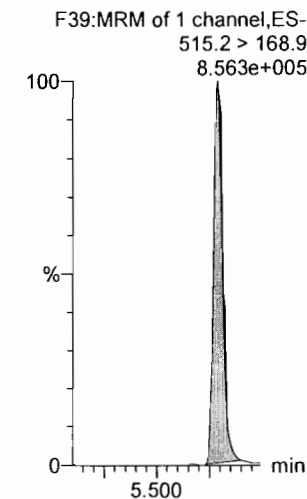
13C8-PFOS



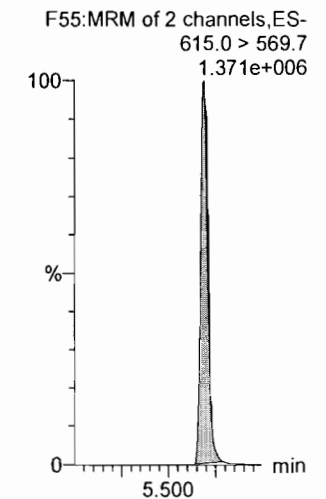
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA

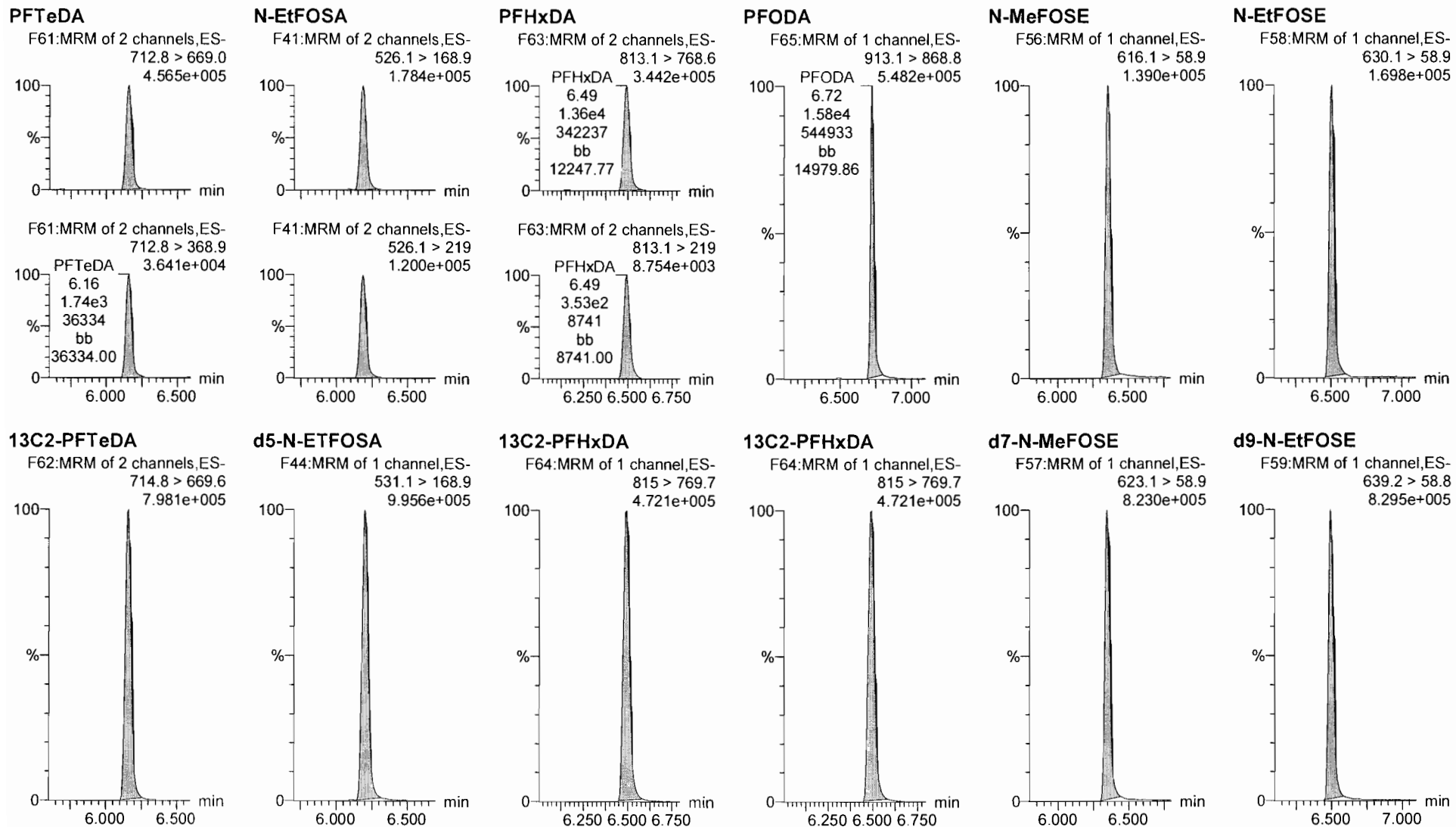


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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_6, Date: 25-Aug-2018, Time: 14:25:25, ID: ST180825M1-5 PFC CS2 18H2106, Description: PFC CS2 18H2106



Dataset: Untitled

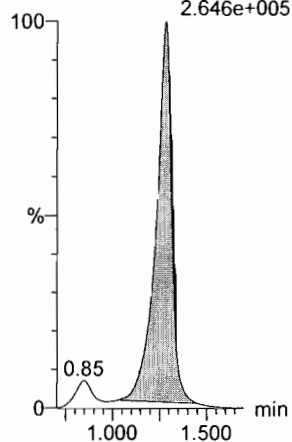
Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_6, Date: 25-Aug-2018, Time: 14:25:25, ID: ST180825M1-5 PFC CS2 18H2106, Description: PFC CS2 18H2106

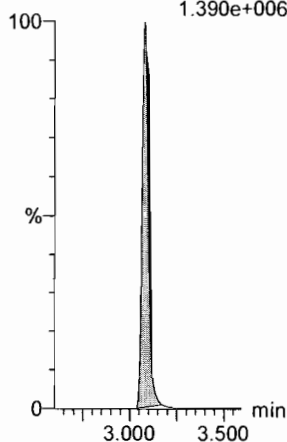
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
2.646e+005



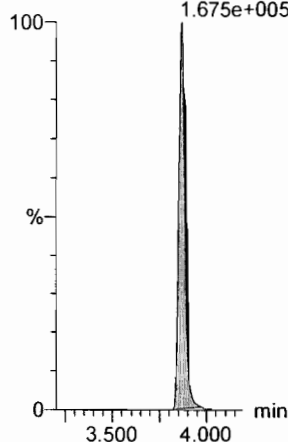
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
1.390e+006



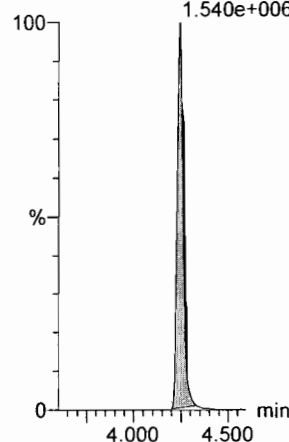
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.675e+005



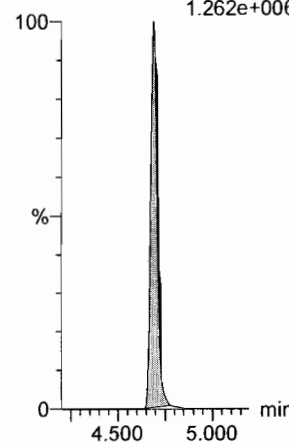
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
1.540e+006



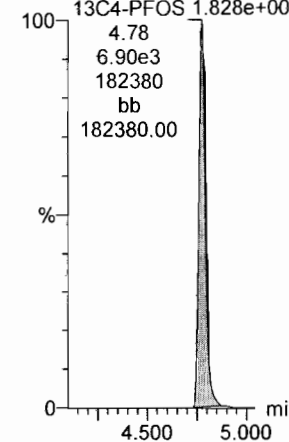
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.262e+006



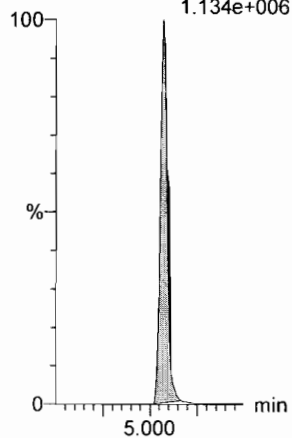
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.828e+005



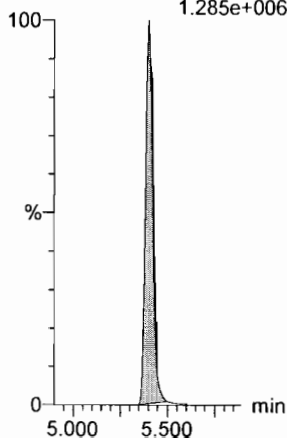
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.134e+006



13C7-PFUDa

F49:MRM of 1 channel,ES-
570.1 > 524.8
1.285e+006



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

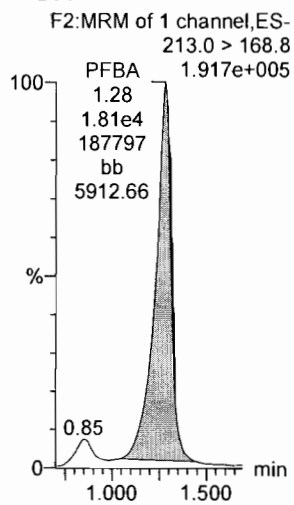
Printed: Sunday, August 26, 2018 13:06:38 Pacific Daylight Time

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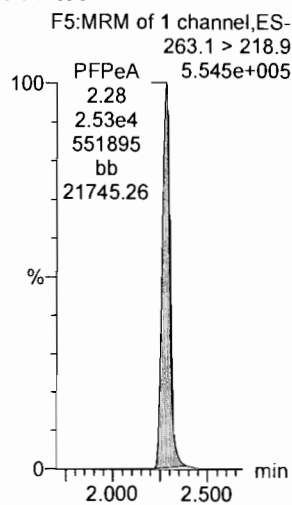
Calibration: 26 Aug 2018 13:06:13

Name: 180825M1_7, Date: 25-Aug-2018, Time: 14:35:59, ID: ST180825M1-6 PFC CS3 18H2107, Description: PFC CS3 18H2107

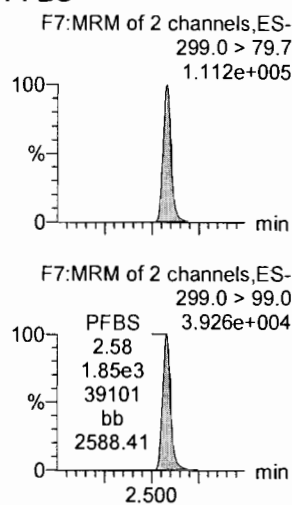
PFBA



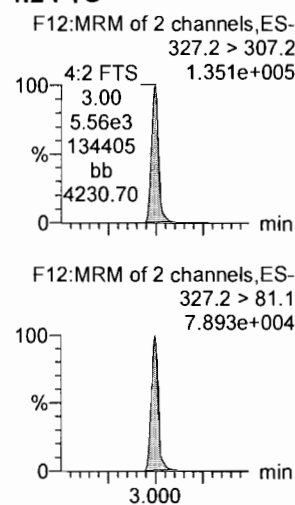
PFPeA



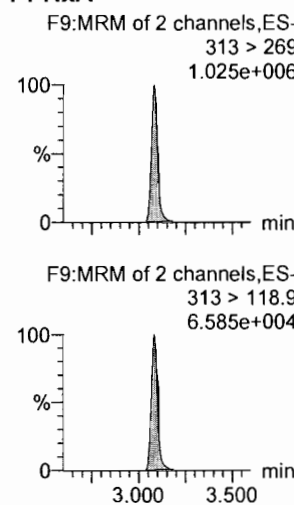
PFBS



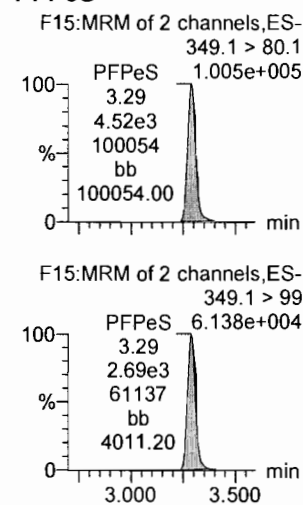
4:2 FTS



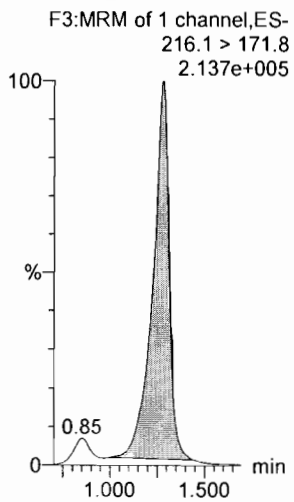
PFHxA



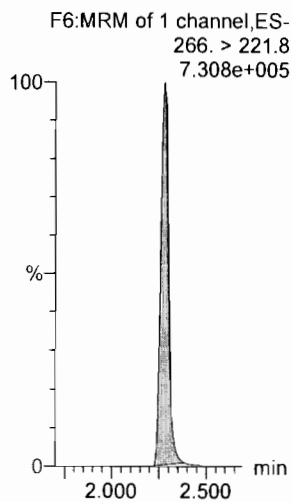
PFPeS



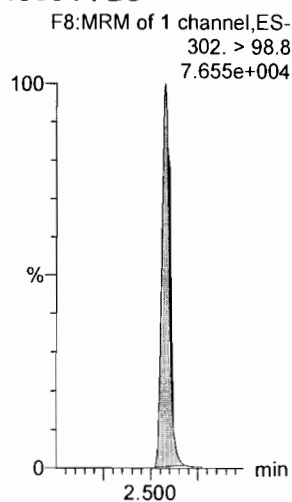
13C3-PFBA



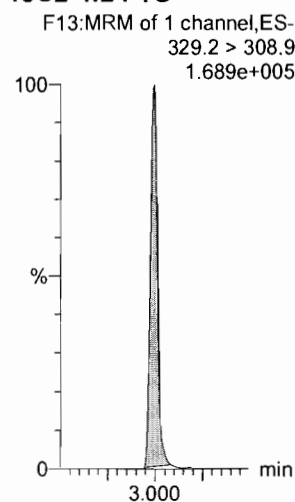
13C3-PFPeA



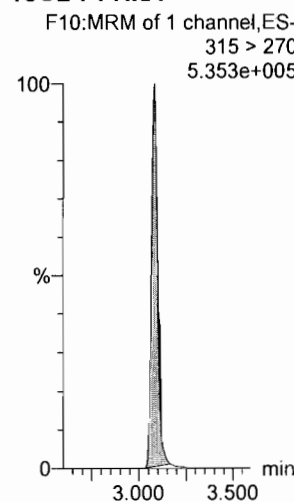
13C3-PFBS



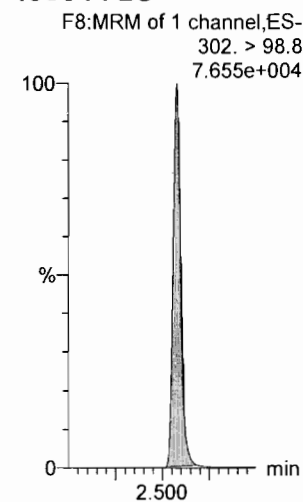
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

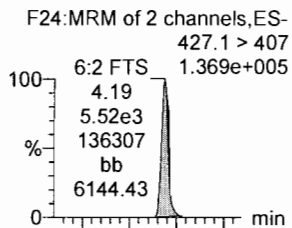


Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

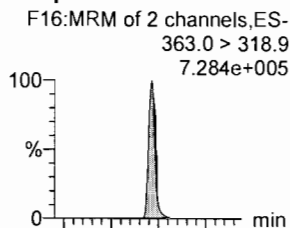
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Printed: Sunday, August 26, 2018 13:06:38 Pacific Daylight Time

Name: 180825M1_7, Date: 25-Aug-2018, Time: 14:35:59, ID: ST180825M1-6 PFC CS3 18H2107, Description: PFC CS3 18H2107

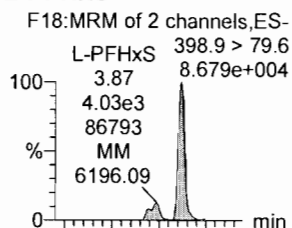
6:2 FTS



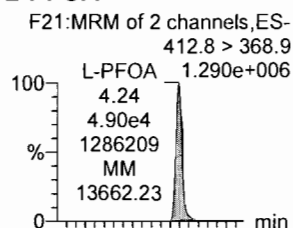
PFHpA



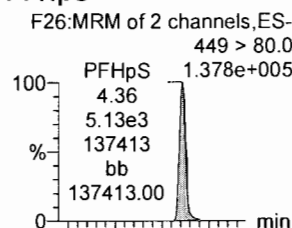
L-PFHxS



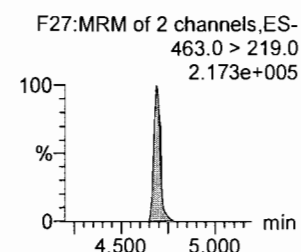
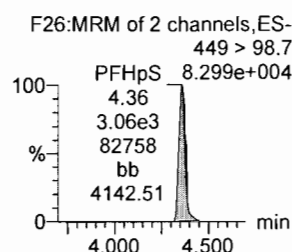
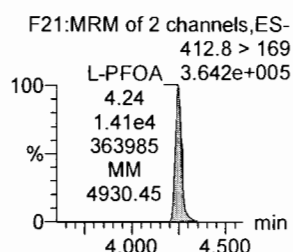
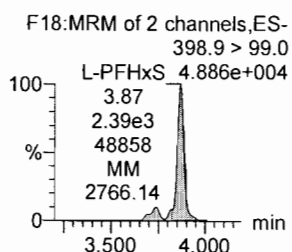
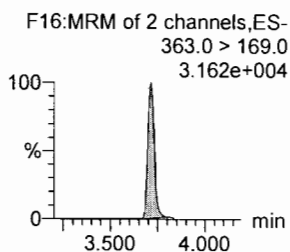
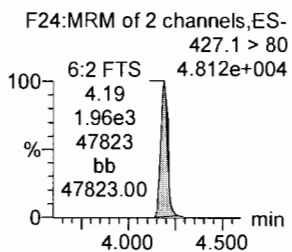
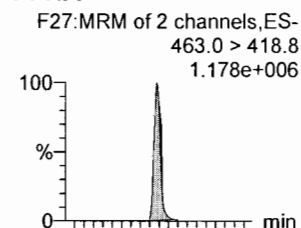
L-PFOA



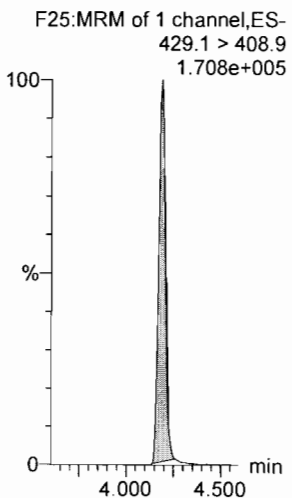
PFHpS



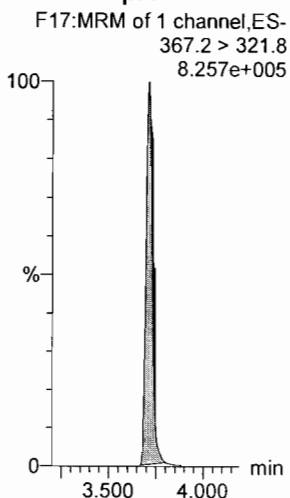
PFNA



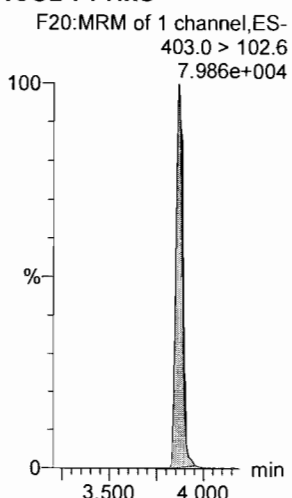
13C2-6:2 FTS



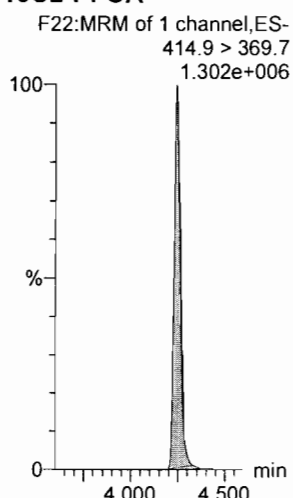
13C4-PFHpA



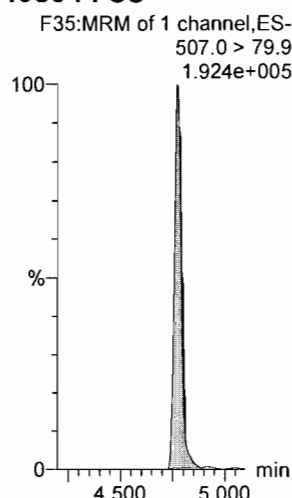
18O2-PFHxS



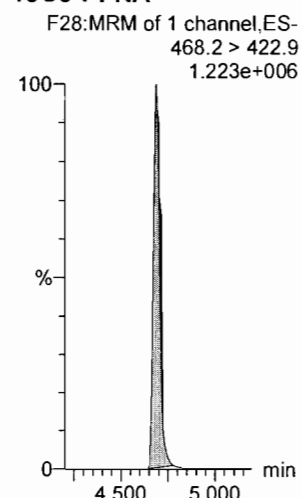
13C2-PFOA



13C8-PFOS



13C5-PFNA

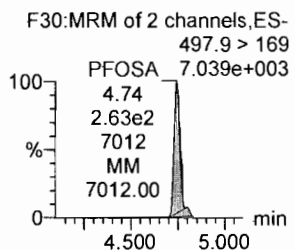
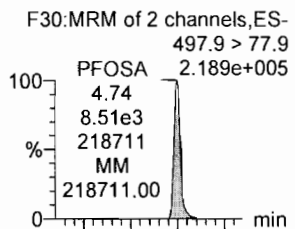


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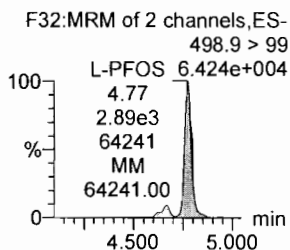
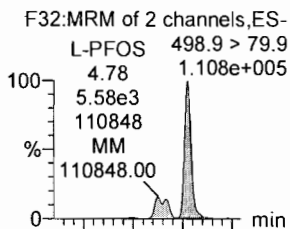
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Printed: Sunday, August 26, 2018 13:06:38 Pacific Daylight Time

Name: 180825M1_7, Date: 25-Aug-2018, Time: 14:35:59, ID: ST180825M1-6 PFC CS3 18H2107, Description: PFC CS3 18H2107

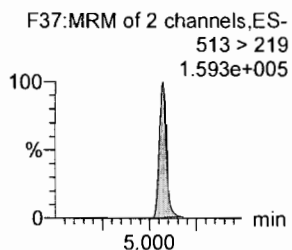
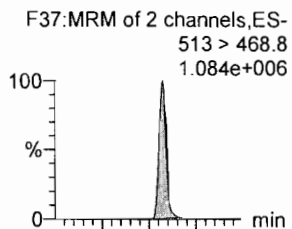
PFOSA



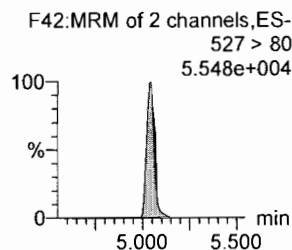
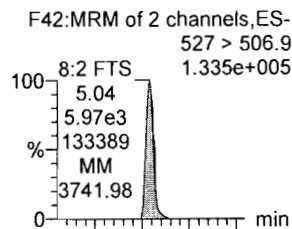
L-PFOS



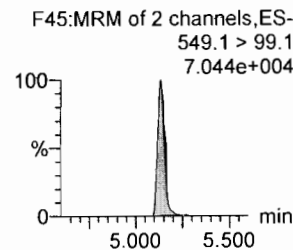
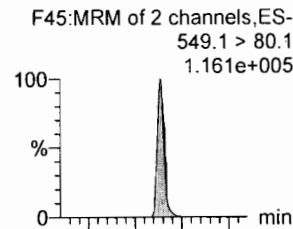
PFDA



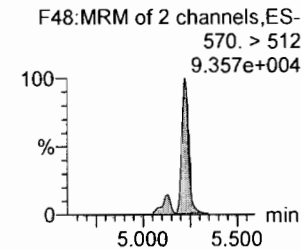
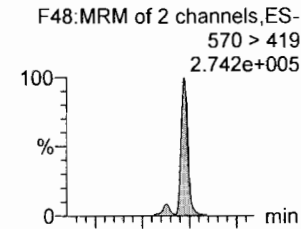
8:2 FTS



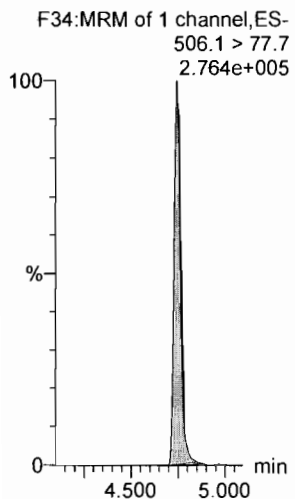
PFNS



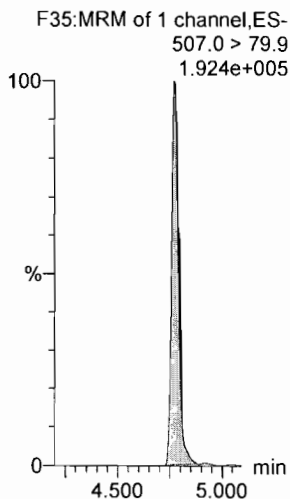
L-MeFOSAA



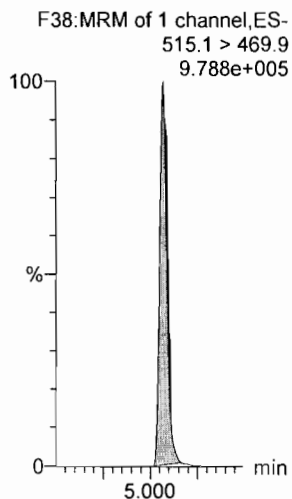
13C8-PFOSA



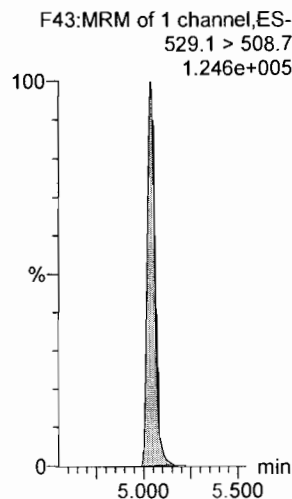
13C8-PFOS



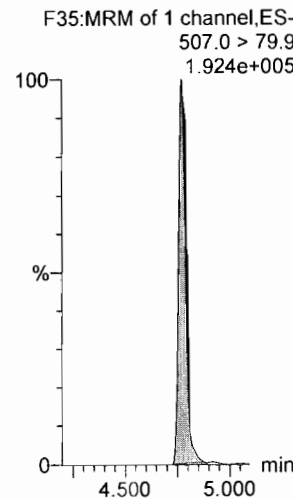
13C2-PFDA



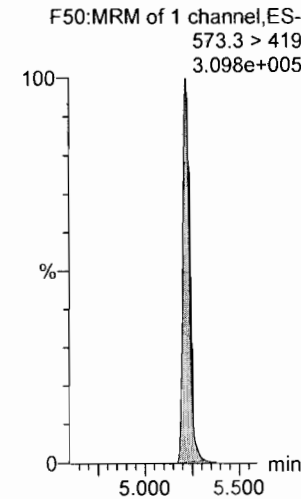
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



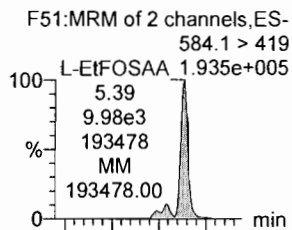
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Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

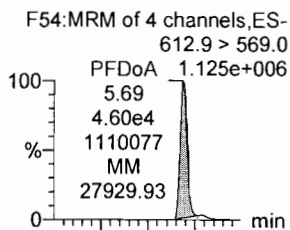
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Name: 180825M1_7, Date: 25-Aug-2018, Time: 14:35:59, ID: ST180825M1-6 PFC CS3 18H2107, Description: PFC CS3 18H2107

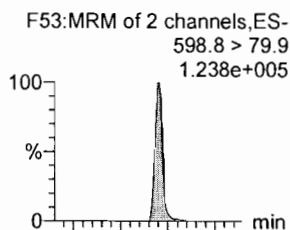
L-EtFOSAA



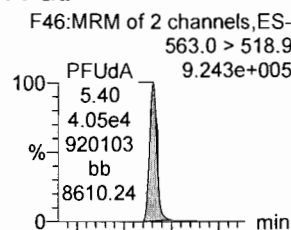
PFDoA



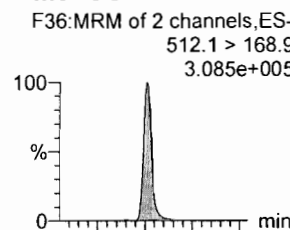
PFDS



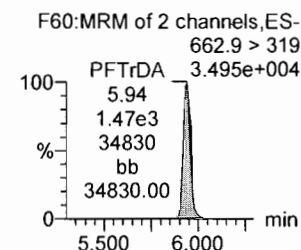
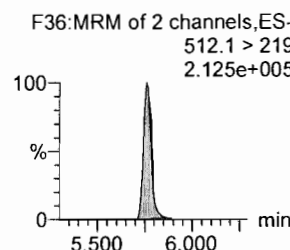
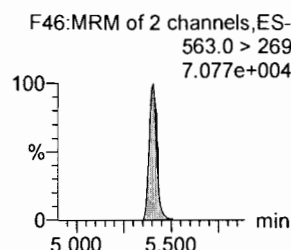
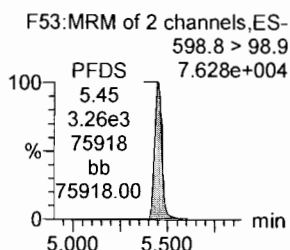
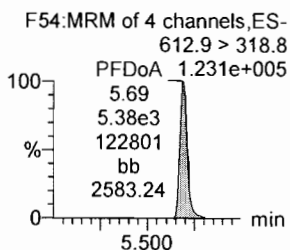
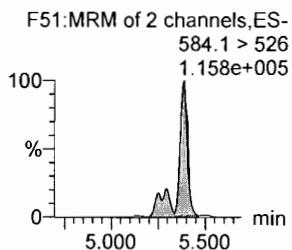
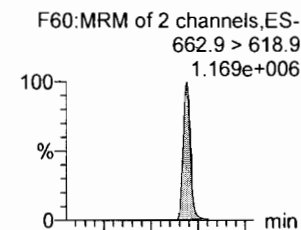
PFUdA



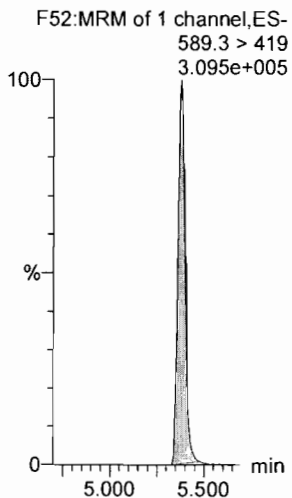
N-MeFOSA



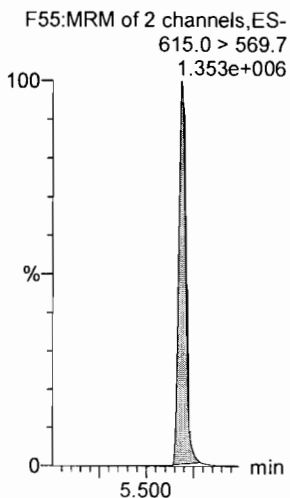
PFTrDA



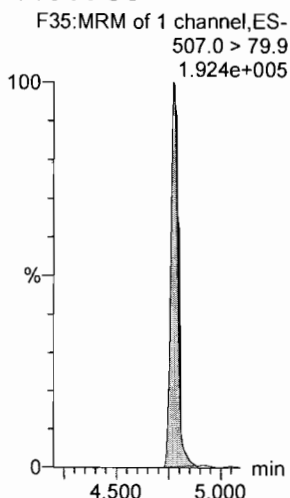
d5-N-EtFOSAA



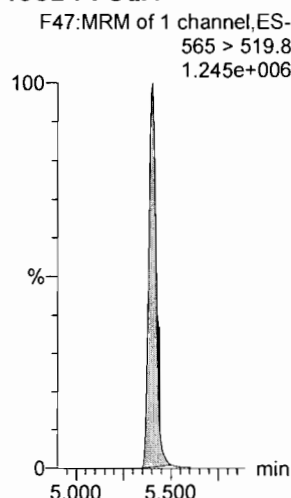
13C2-PFDoA



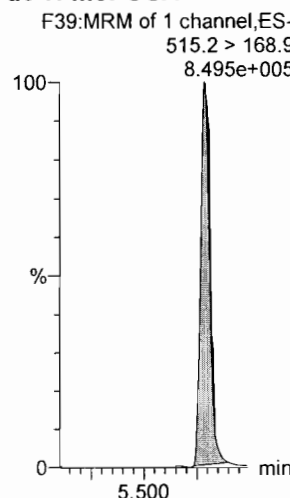
13C8-PFOS



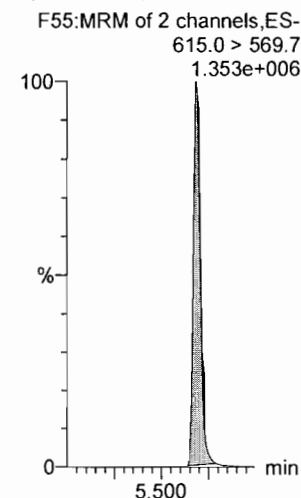
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA

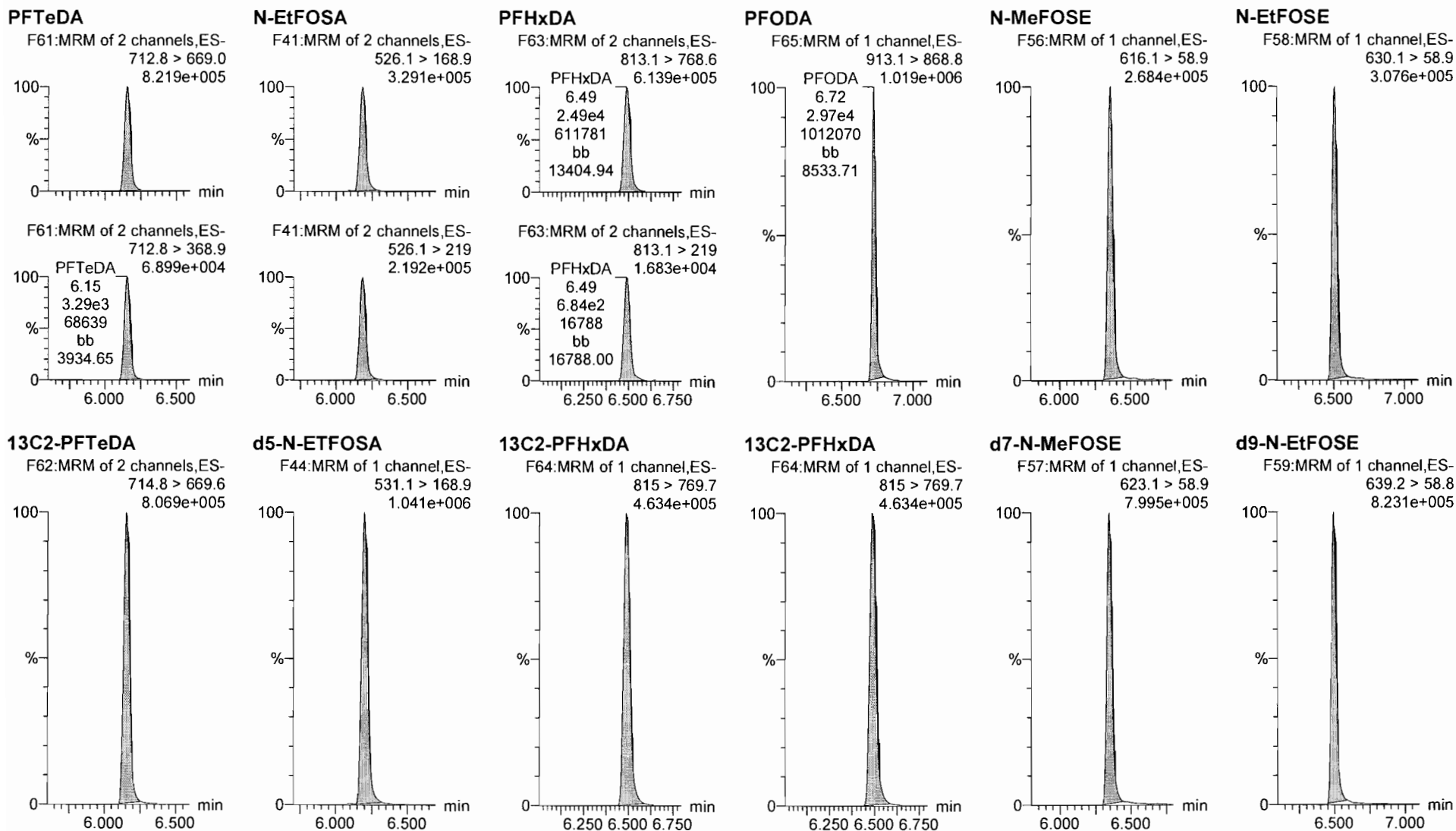


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Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:06:38 Pacific Daylight Time

Name: 180825M1_7, Date: 25-Aug-2018, Time: 14:35:59, ID: ST180825M1-6 PFC CS3 18H2107, Description: PFC CS3 18H2107



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

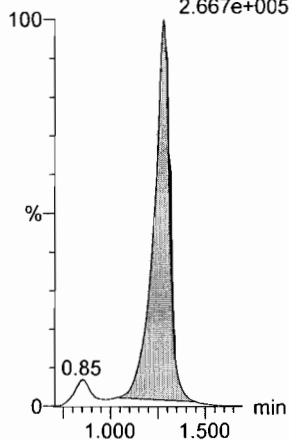
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Name: 180825M1_7, Date: 25-Aug-2018, Time: 14:35:59, ID: ST180825M1-6 PFC CS3 18H2107, Description: PFC CS3 18H2107

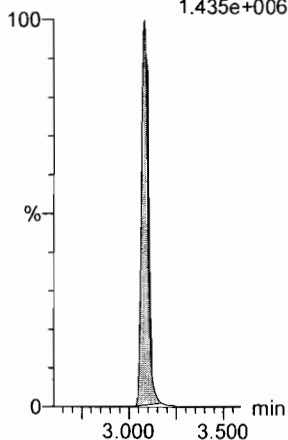
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
2.667e+005



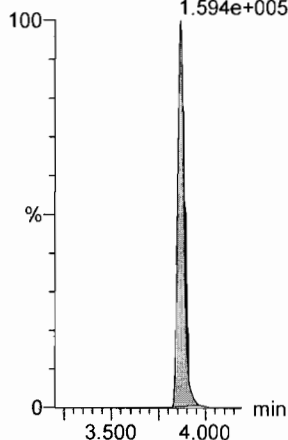
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
1.435e+006



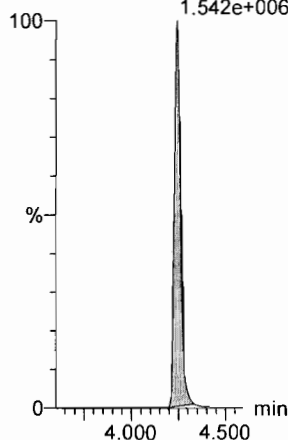
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.594e+005



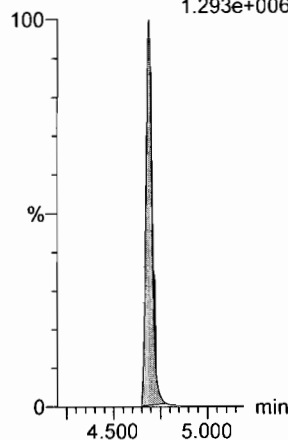
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
1.542e+006



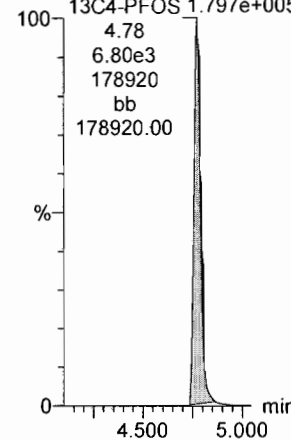
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.293e+006



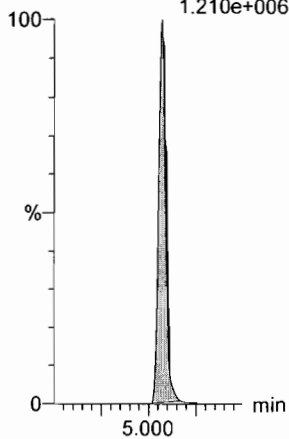
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.797e+005



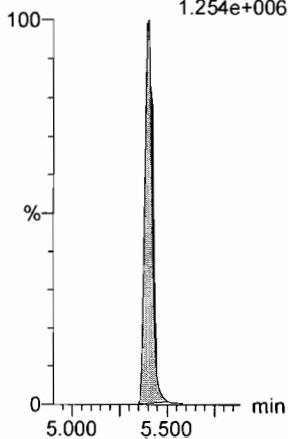
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.210e+006



13C7-PFUdA

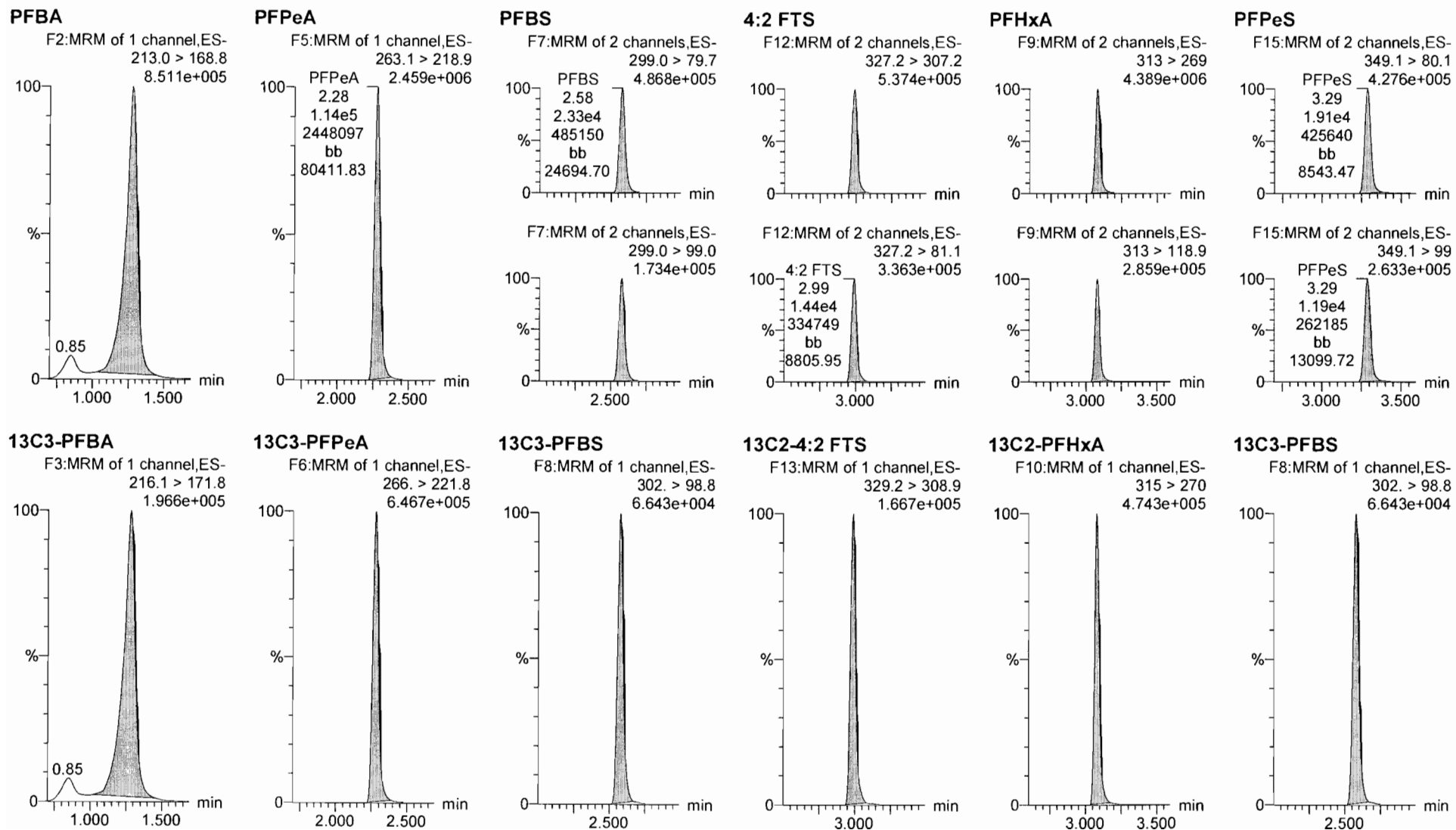
F49:MRM of 1 channel,ES-
570.1 > 524.8
1.254e+006



Dataset: Untitled

Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time
Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_8, Date: 25-Aug-2018, Time: 14:46:37, ID: ST180825M1-7 PFC CS4 18H2108, Description: PFC CS4 18H2108



Dataset: Untitled

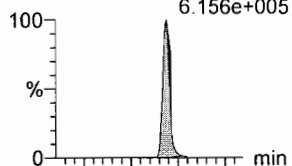
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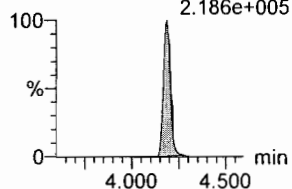
Name: 180825M1_8, Date: 25-Aug-2018, Time: 14:46:37, ID: ST180825M1-7 PFC CS4 18H2108, Description: PFC CS4 18H2108

6:2 FTS

F24:MRM of 2 channels,ES-
427.1 > 407
6.156e+005

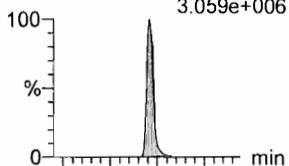


F24:MRM of 2 channels,ES-
427.1 > 80
2.186e+005

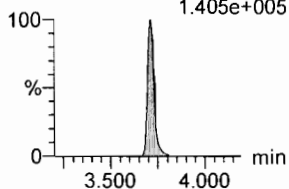


PFHpA

F16:MRM of 2 channels,ES-
363.0 > 318.9
3.059e+006

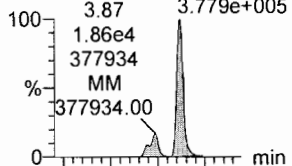


F16:MRM of 2 channels,ES-
363.0 > 169.0
1.405e+005

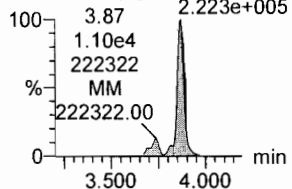


L-PFHxS

F18:MRM of 2 channels,ES-
L-PFHxS 398.9 > 79.6
3.87 3.779e+005
1.86e4
377934
MM
377934.00

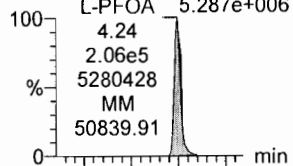


F18:MRM of 2 channels,ES-
L-PFHxS 398.9 > 99.0
3.87 2.223e+005
1.10e4
222322
MM
222322.00

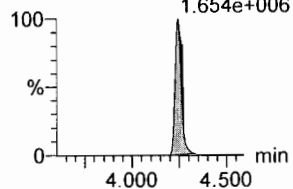


L-PFOA

F21:MRM of 2 channels,ES-
L-PFOA 412.8 > 368.9
5.287e+006
4.24
2.06e5
5280428
MM
50839.91

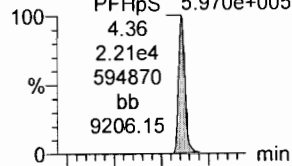


F21:MRM of 2 channels,ES-
L-PFOA 412.8 > 169
1.654e+006

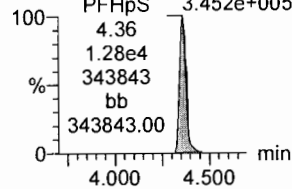


PFHpS

F26:MRM of 2 channels,ES-
PFHpS 449 > 80.0
5.970e+005
4.36
2.21e4
594870
bb
9206.15

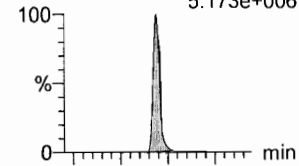


F26:MRM of 2 channels,ES-
PFHpS 449 > 98.7
3.452e+005
4.36
1.28e4
343843
bb
343843.00

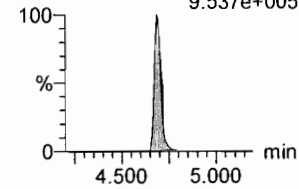


PFNA

F27:MRM of 2 channels,ES-
PFNA 463.0 > 418.8
5.173e+006

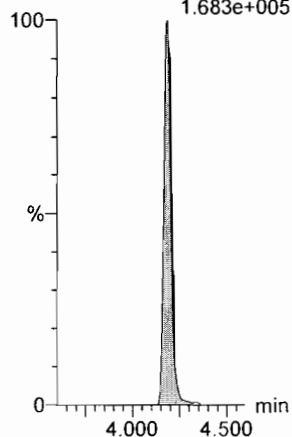


F27:MRM of 2 channels,ES-
PFNA 463.0 > 219.0
9.537e+005



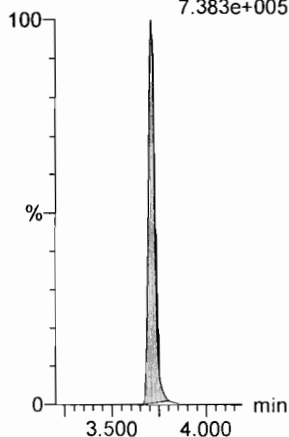
13C2-6:2 FTS

F25:MRM of 1 channel,ES-
13C2-6:2 FTS 429.1 > 408.9
1.683e+005



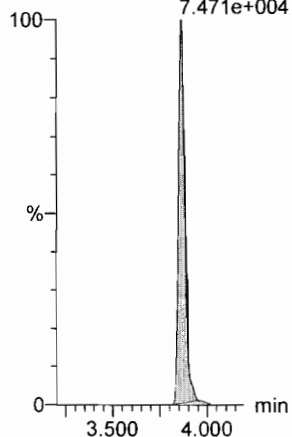
13C4-PFHpA

F17:MRM of 1 channel,ES-
13C4-PFHpA 367.2 > 321.8
7.383e+005



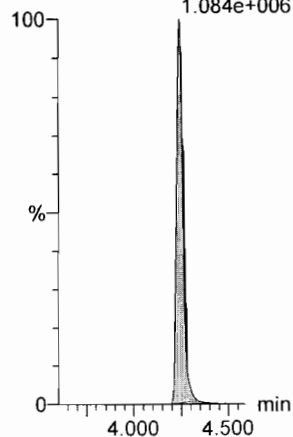
18O2-PFHxS

F20:MRM of 1 channel,ES-
18O2-PFHxS 403.0 > 102.6
7.471e+004



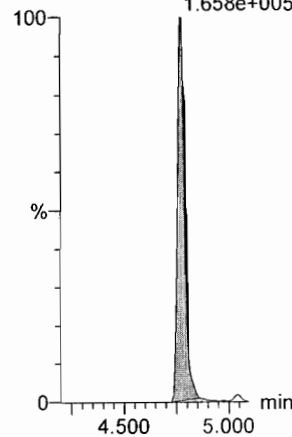
13C2-PFOA

F22:MRM of 1 channel,ES-
13C2-PFOA 414.9 > 369.7
1.084e+006



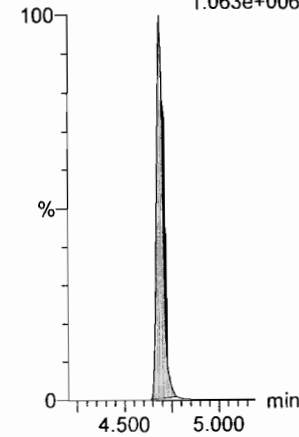
13C8-PFOS

F35:MRM of 1 channel,ES-
13C8-PFOS 507.0 > 79.9
1.658e+005



13C5-PFNA

F28:MRM of 1 channel,ES-
13C5-PFNA 468.2 > 422.9
1.063e+006



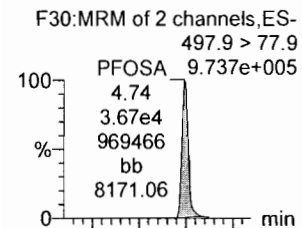
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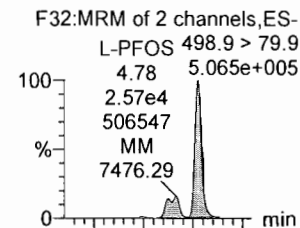
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Name: 180825M1_8, Date: 25-Aug-2018, Time: 14:46:37, ID: ST180825M1-7 PFC CS4 18H2108, Description: PFC CS4 18H2108

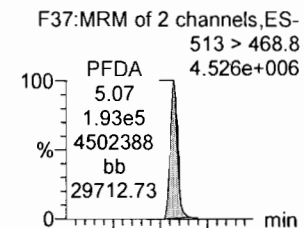
PFOSA



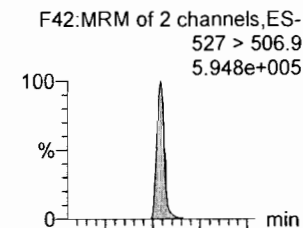
L-PFOS



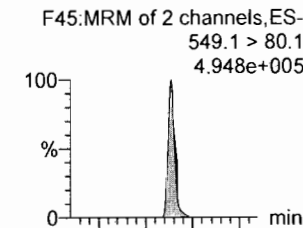
PFDA



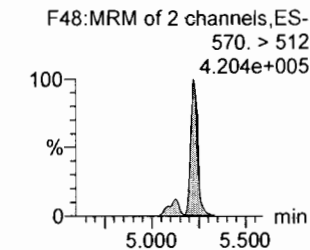
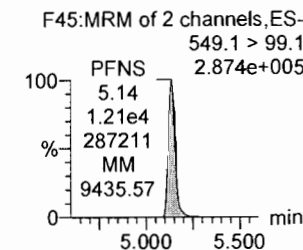
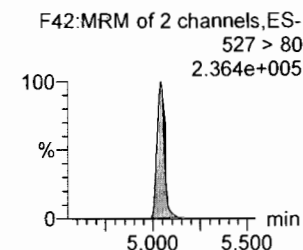
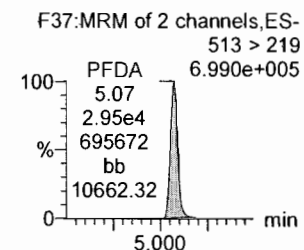
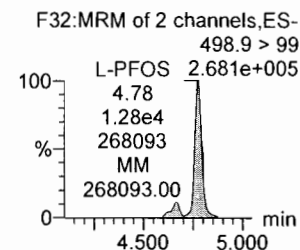
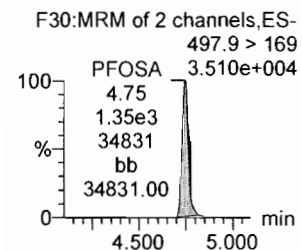
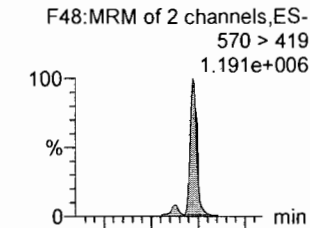
8:2 FTS



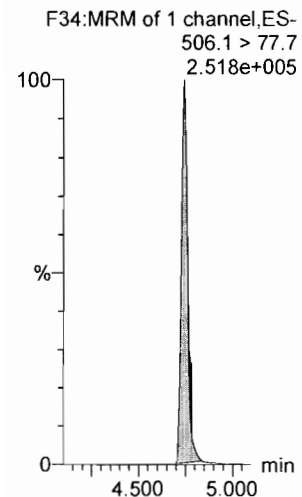
PFNS



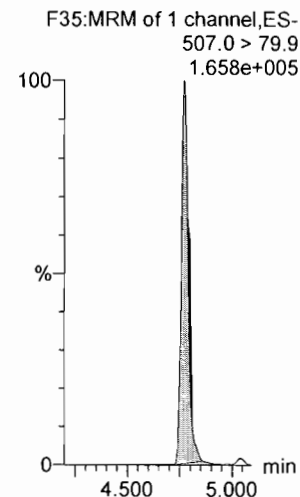
L-MeFOSAA



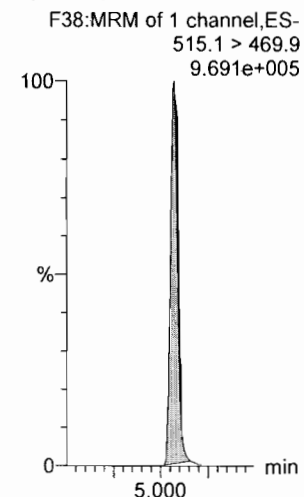
13C8-PFOSA



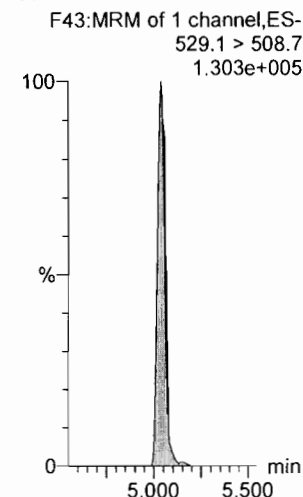
13C8-PFOS



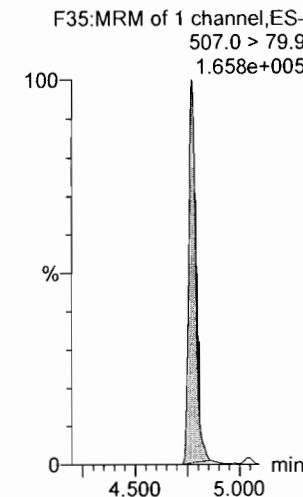
13C2-PFDA



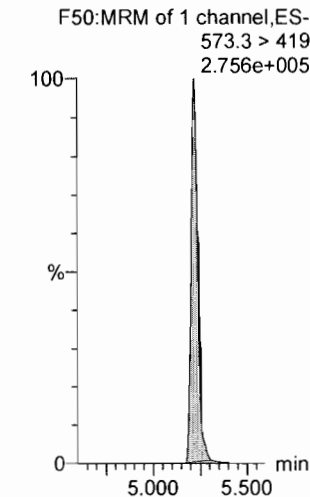
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



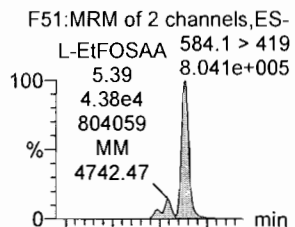
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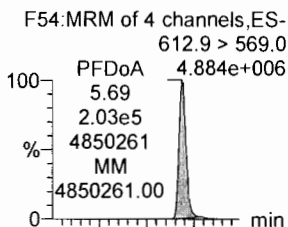
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Name: 180825M1_8, Date: 25-Aug-2018, Time: 14:46:37, ID: ST180825M1-7 PFC CS4 18H2108, Description: PFC CS4 18H2108

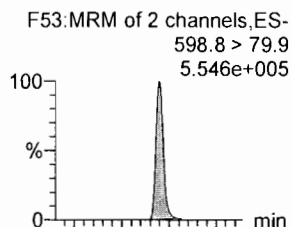
L-EtFOSAA



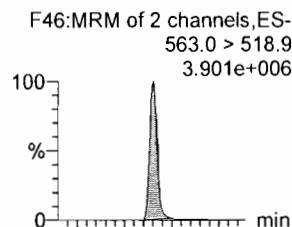
PFDoA



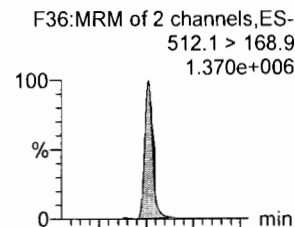
PFDS



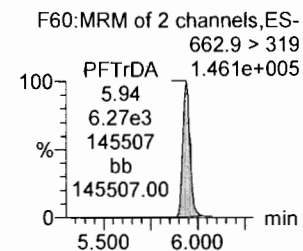
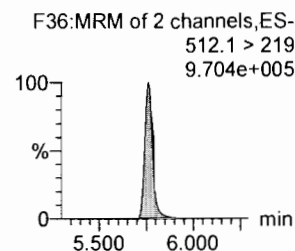
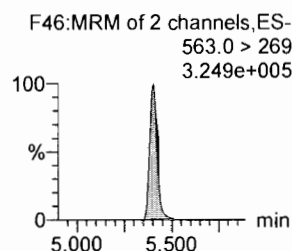
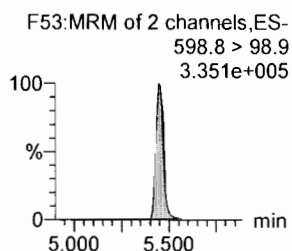
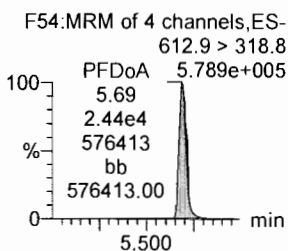
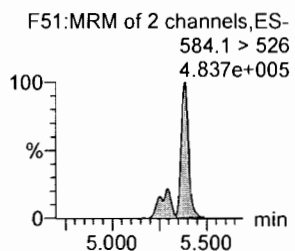
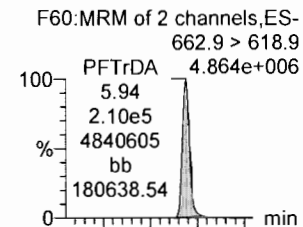
PFUdA



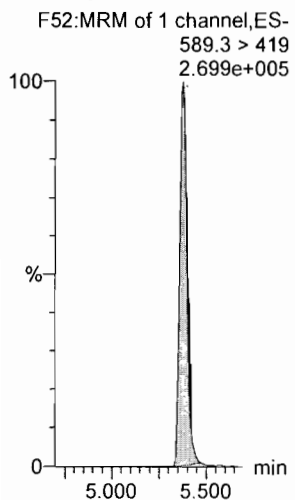
N-MeFOSA



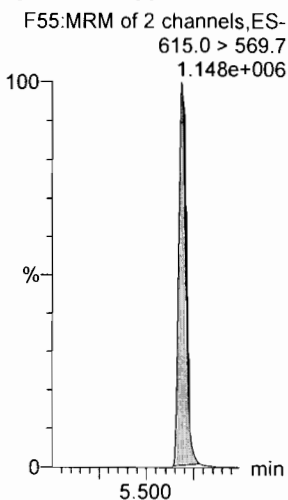
PFTrDA



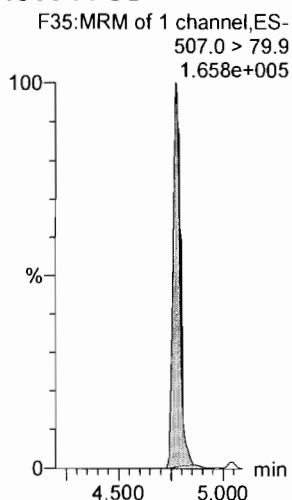
d5-N-EtFOSAA



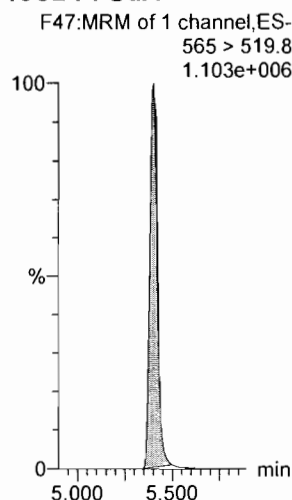
13C2-PFDoA



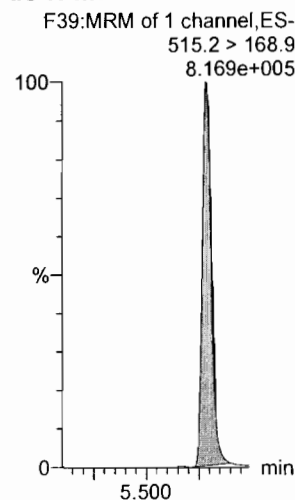
13C8-PFOS



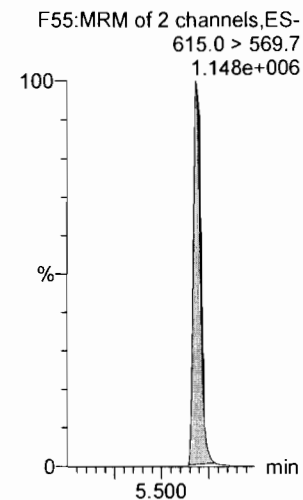
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA



Dataset: Untitled

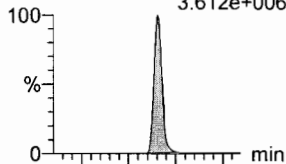
Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

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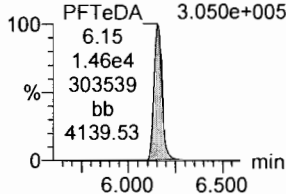
Name: 180825M1_8, Date: 25-Aug-2018, Time: 14:46:37, ID: ST180825M1-7 PFC CS4 18H2108, Description: PFC CS4 18H2108

PFTeDA

F61:MRM of 2 channels,ES-
712.8 > 669.0
3.612e+006

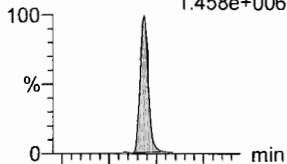


F61:MRM of 2 channels,ES-
712.8 > 368.9
3.050e+005

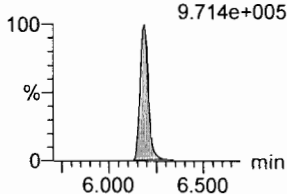


N-EtFOSA

F41:MRM of 2 channels,ES-
526.1 > 168.9
1.458e+006

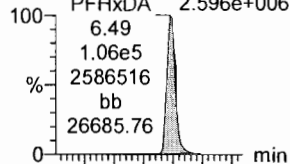


F41:MRM of 2 channels,ES-
526.1 > 219
9.714e+005

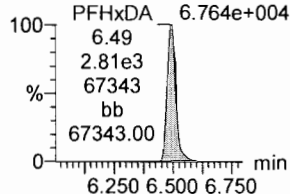


PFHxDA

F63:MRM of 2 channels,ES-
813.1 > 768.6
2.596e+006

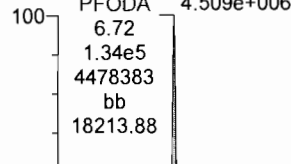


F63:MRM of 2 channels,ES-
813.1 > 219
6.764e+004



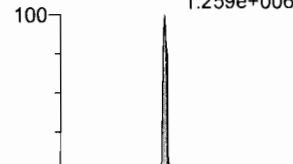
PFODA

F65:MRM of 1 channel,ES-
913.1 > 868.8
4.509e+006



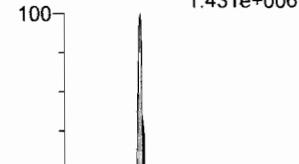
N-MeFOSE

F56:MRM of 1 channel,ES-
616.1 > 58.9
1.259e+006



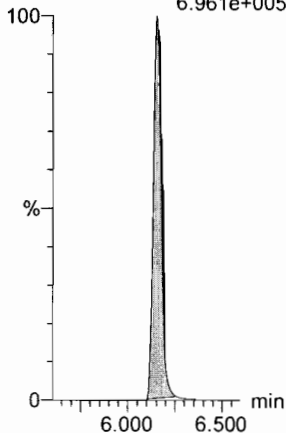
N-EtFOSE

F58:MRM of 1 channel,ES-
630.1 > 58.9
1.431e+006



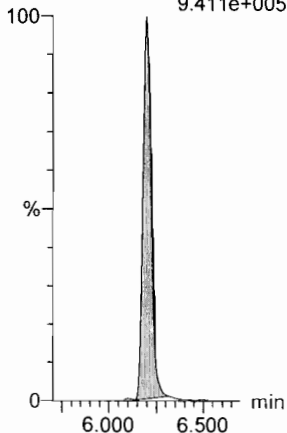
13C2-PFTeDA

F62:MRM of 2 channels,ES-
714.8 > 669.6
6.961e+005



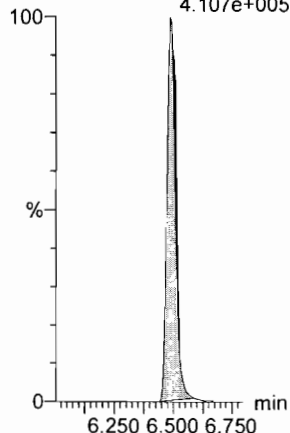
d5-N-ETFOSA

F44:MRM of 1 channel,ES-
531.1 > 168.9
9.411e+005



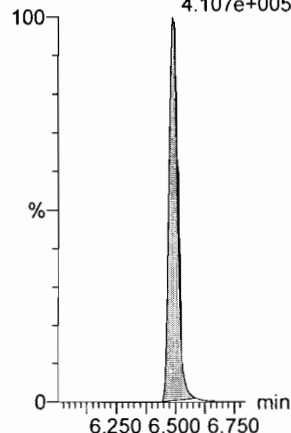
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
4.107e+005



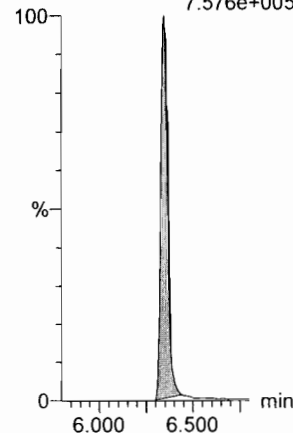
13C2-PFODA

F64:MRM of 1 channel,ES-
815 > 769.7
4.107e+005



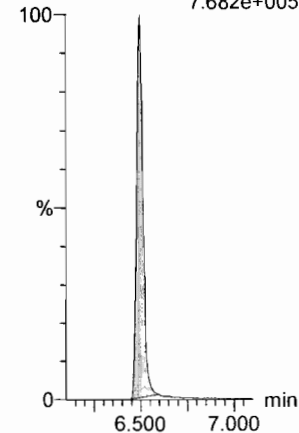
d7-N-MeFOSE

F57:MRM of 1 channel,ES-
623.1 > 58.9
7.576e+005



d9-N-EtFOSE

F59:MRM of 1 channel,ES-
639.2 > 58.8
7.682e+005



Dataset: Untitled

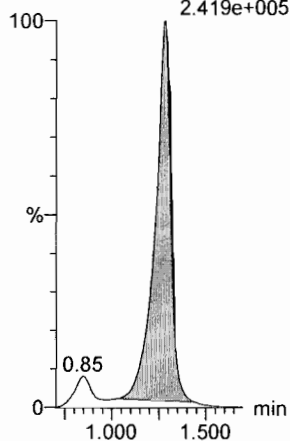
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Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_8, Date: 25-Aug-2018, Time: 14:46:37, ID: ST180825M1-7 PFC CS4 18H2108, Description: PFC CS4 18H2108

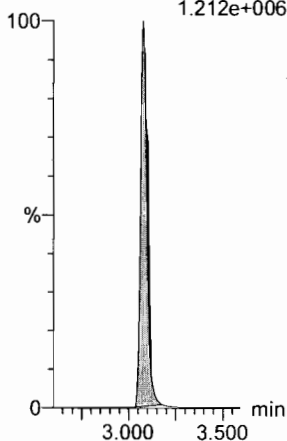
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
2.419e+005



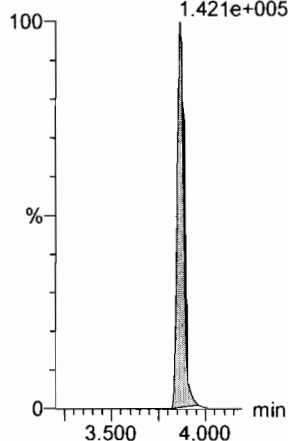
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
1.212e+006



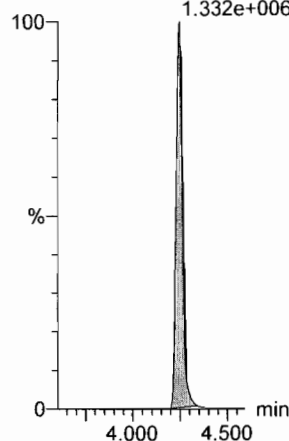
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.421e+005



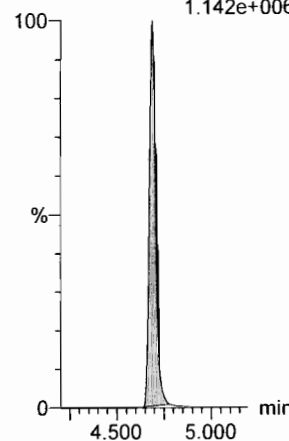
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
1.332e+006



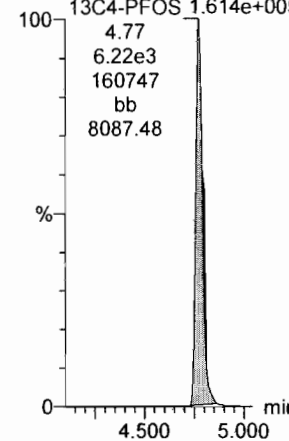
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.142e+006



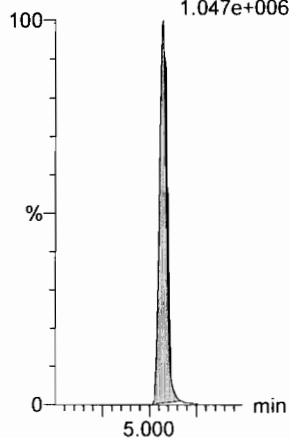
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.614e+005



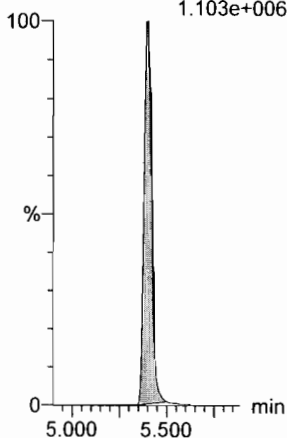
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.047e+006



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
1.103e+006



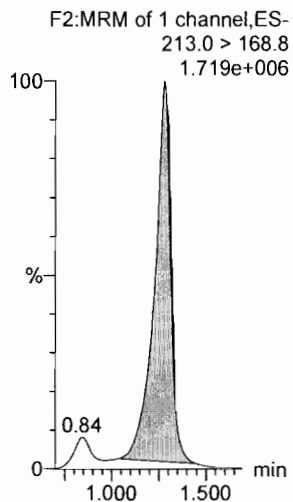
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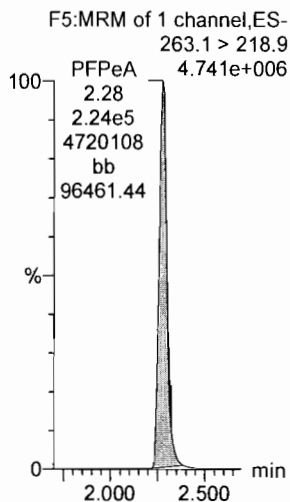
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Name: 180825M1_9, Date: 25-Aug-2018, Time: 14:57:09, ID: ST180825M1-8 PFC CS5 18H2109, Description: PFC CS5 18H2109

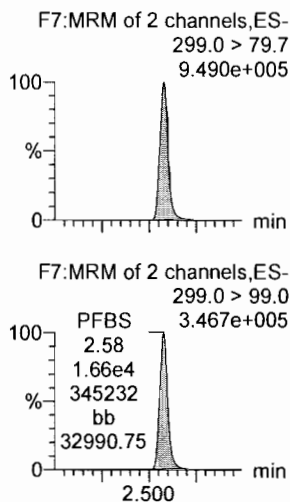
PFBA



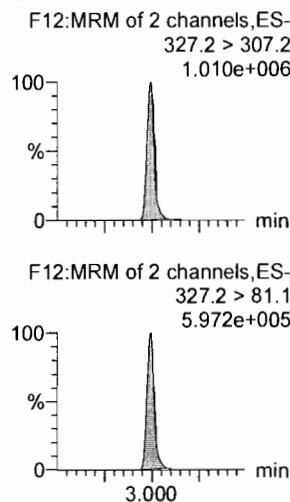
PFPeA



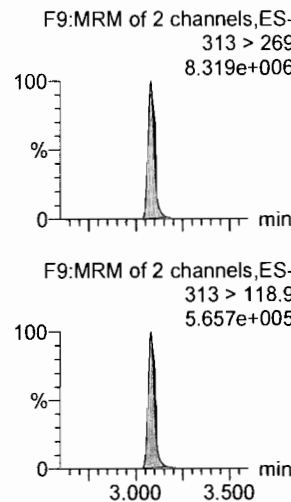
PFBS



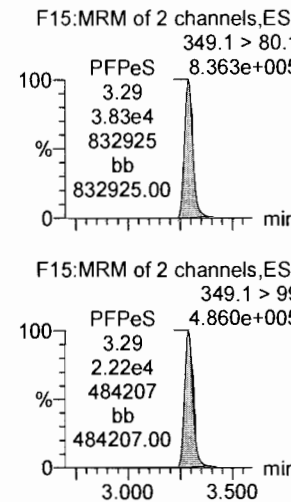
4:2 FTS



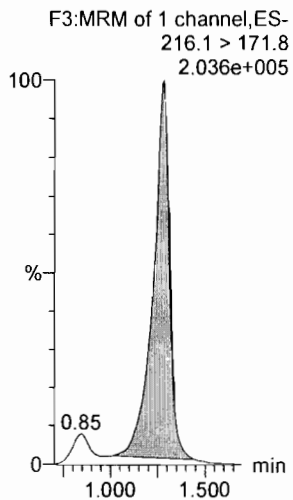
PFHxA



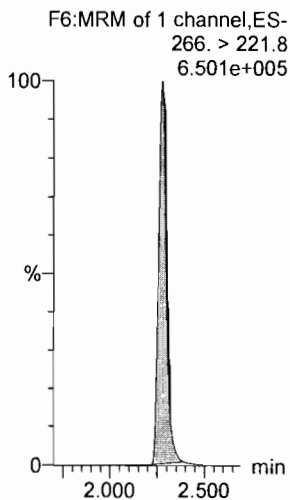
PFPeS



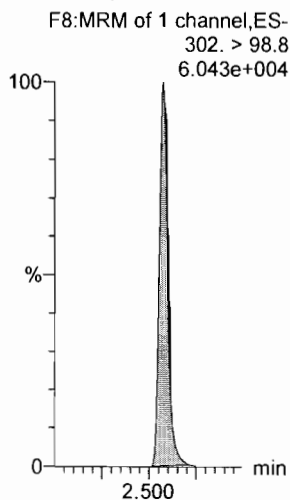
13C3-PFBA



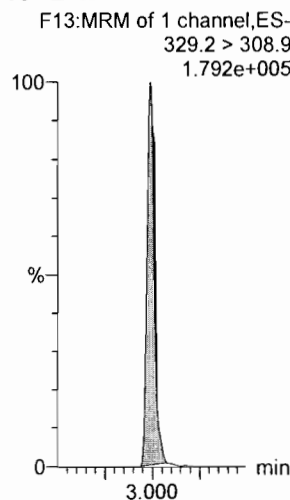
13C3-PFPeA



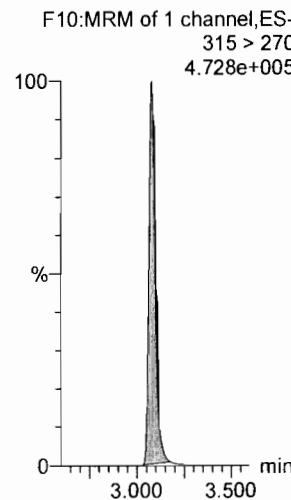
13C3-PFBS



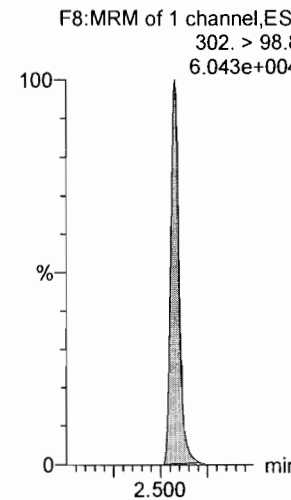
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

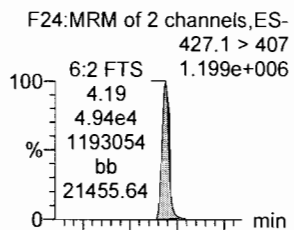


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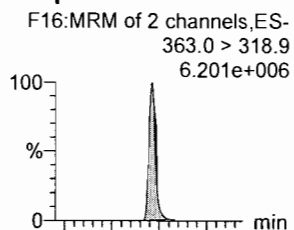
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Name: 180825M1_9, Date: 25-Aug-2018, Time: 14:57:09, ID: ST180825M1-8 PFC CS5 18H2109, Description: PFC CS5 18H2109

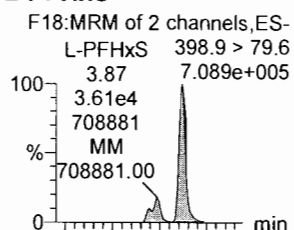
6:2 FTS



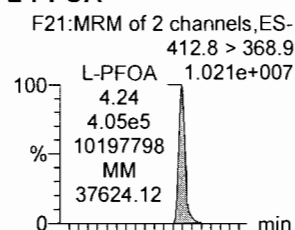
PFHpa



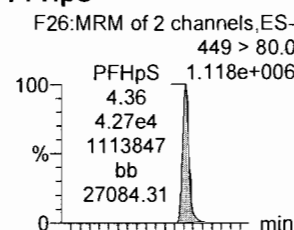
L-PFHxS



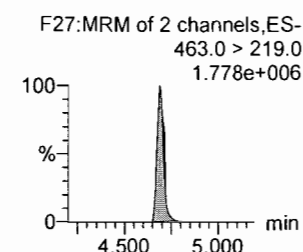
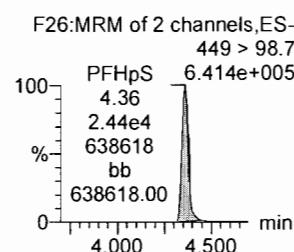
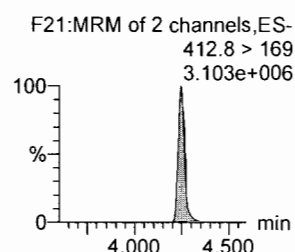
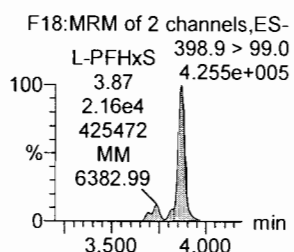
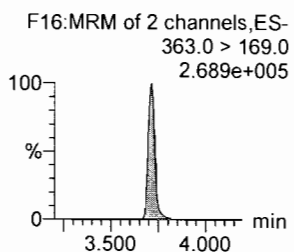
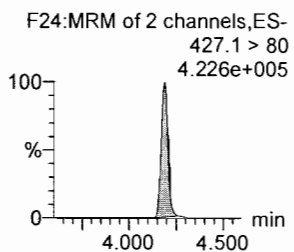
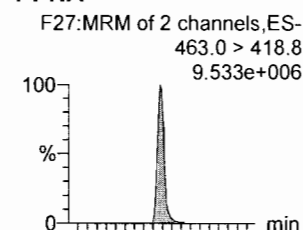
L-PFOA



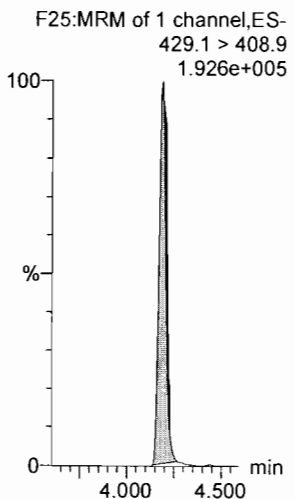
PFHpS



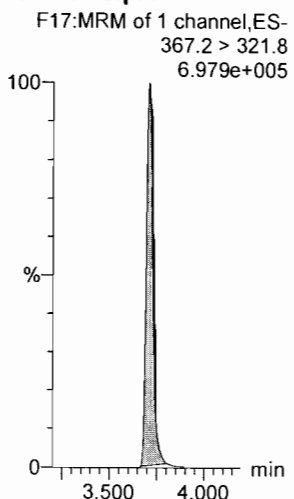
PFNA



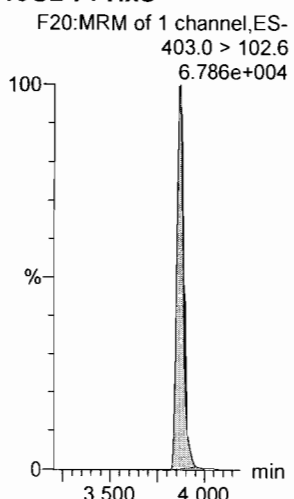
13C2-6:2 FTS



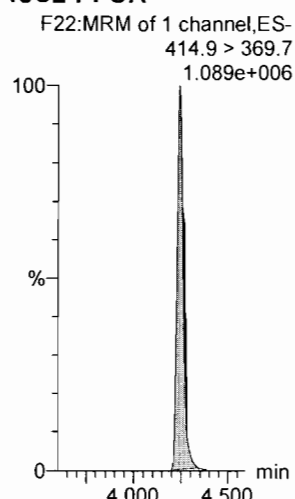
13C4-PFHpa



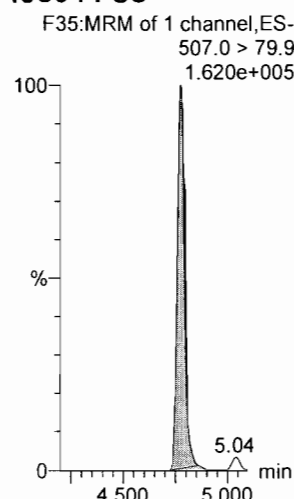
18O2-PFHxS



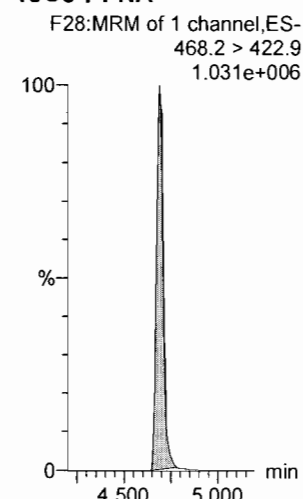
13C2-PFOA



13C8-PFOS



13C5-PFNA



Dataset: Untitled

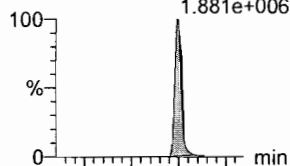
Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

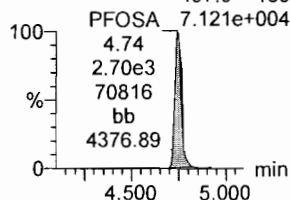
Name: 180825M1_9, Date: 25-Aug-2018, Time: 14:57:09, ID: ST180825M1-8 PFC CS5 18H2109, Description: PFC CS5 18H2109

PFOSA

F30:MRM of 2 channels,ES-
497.9 > 77.9
1.881e+006

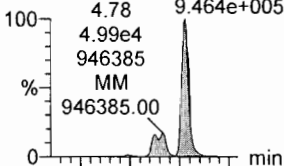


F30:MRM of 2 channels,ES-
497.9 > 169
7.121e+004

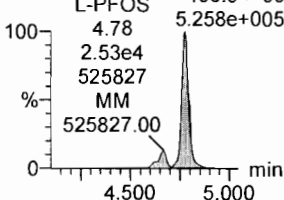


L-PFOS

F32:MRM of 2 channels,ES-
L-PFOS 498.9 > 79.9
4.78 9.464e+005
4.99e4
946385
MM
946385.00

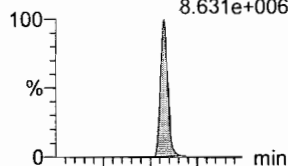


F32:MRM of 2 channels,ES-
L-PFOS 498.9 > 99
4.78 5.258e+005
2.53e4
525827
MM
525827.00

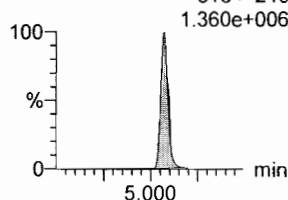


PFDA

F37:MRM of 2 channels,ES-
513 > 468.8
8.631e+006

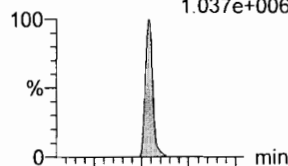


F37:MRM of 2 channels,ES-
513 > 219
1.360e+006

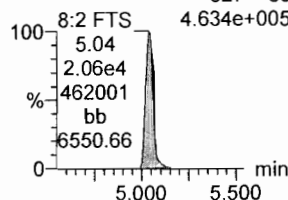


8:2 FTS

F42:MRM of 2 channels,ES-
527 > 506.9
1.037e+006

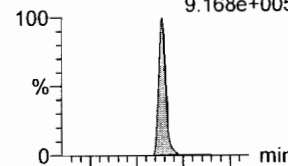


F42:MRM of 2 channels,ES-
527 > 80
4.634e+005

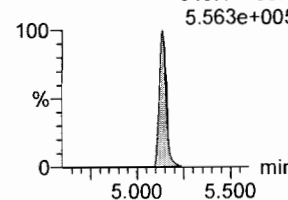


PFNS

F45:MRM of 2 channels,ES-
549.1 > 80.1
9.168e+005

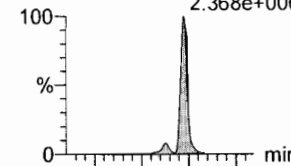


F45:MRM of 2 channels,ES-
549.1 > 99.1
5.563e+005

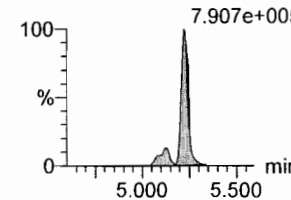


L-MeFOSAA

F48:MRM of 2 channels,ES-
570 > 419
2.368e+006

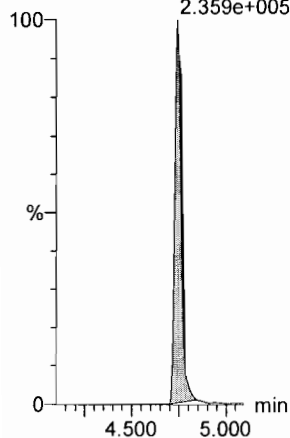


F48:MRM of 2 channels,ES-
570. > 512
7.907e+005



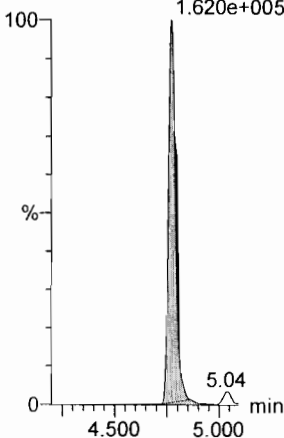
13C8-PFOA

F34:MRM of 1 channel,ES-
506.1 > 77.7
2.359e+005



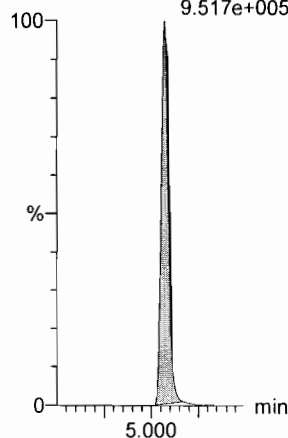
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.620e+005



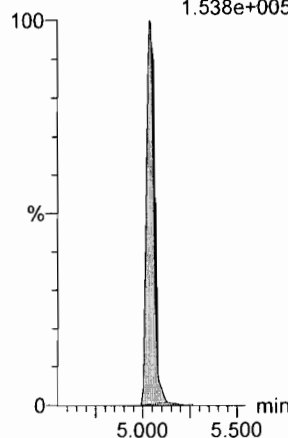
13C2-PFDA

F38:MRM of 1 channel,ES-
515.1 > 469.9
9.517e+005



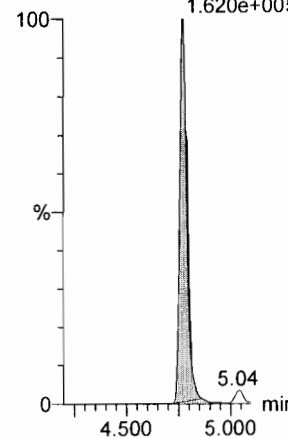
13C2-8:2 FTS

F43:MRM of 1 channel,ES-
529.1 > 508.7
1.538e+005



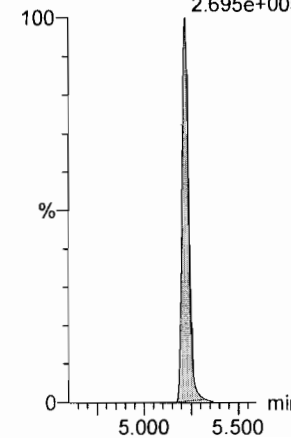
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.620e+005



d3-N-MeFOSAA

F50:MRM of 1 channel,ES-
573.3 > 419
2.695e+005



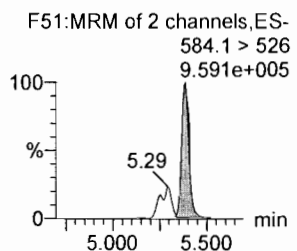
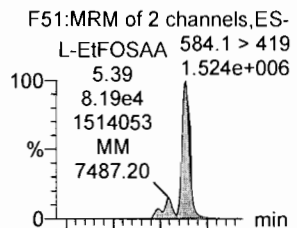
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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

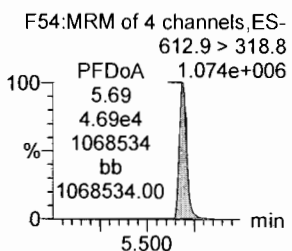
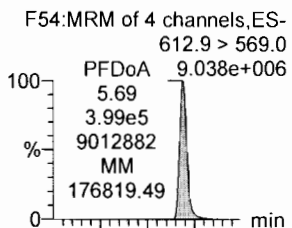
Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_9, Date: 25-Aug-2018, Time: 14:57:09, ID: ST180825M1-8 PFC CS5 18H2109, Description: PFC CS5 18H2109

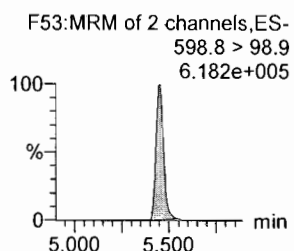
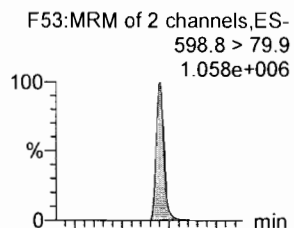
L-EtFOSAA



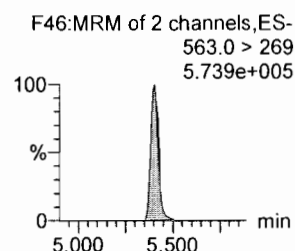
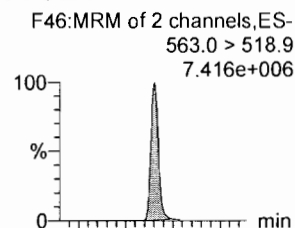
PFDoA



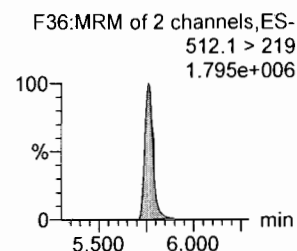
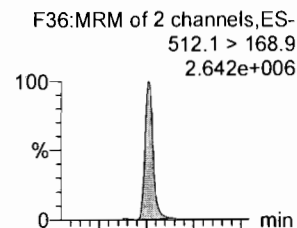
PFDS



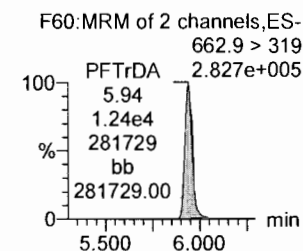
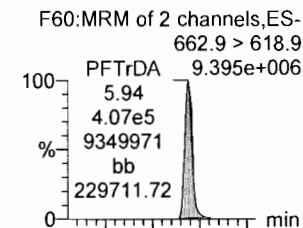
PFUdA



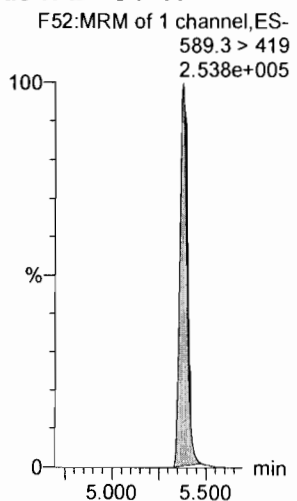
N-MeFOSA



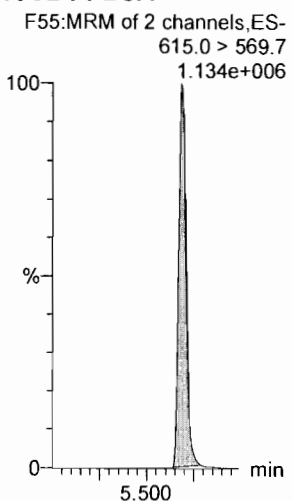
PFTrDA



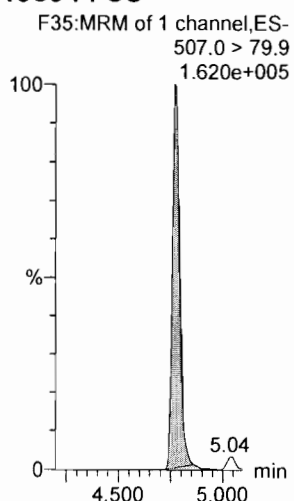
d5-N-EtFOSAA



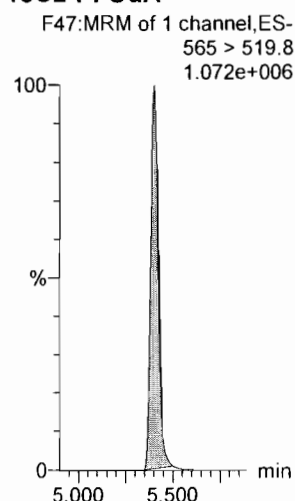
13C2-PFDoA



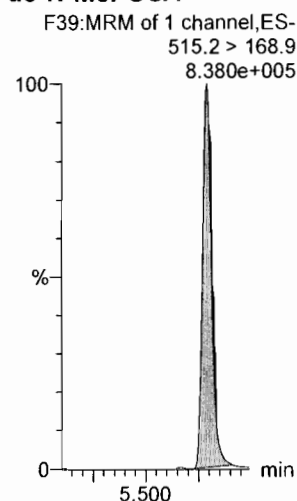
13C8-PFOS



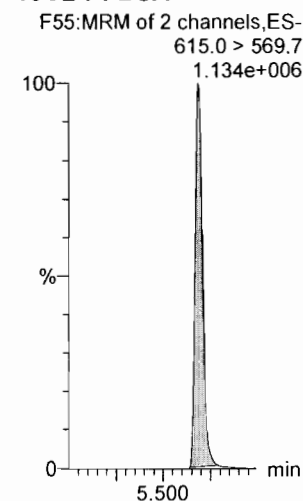
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA

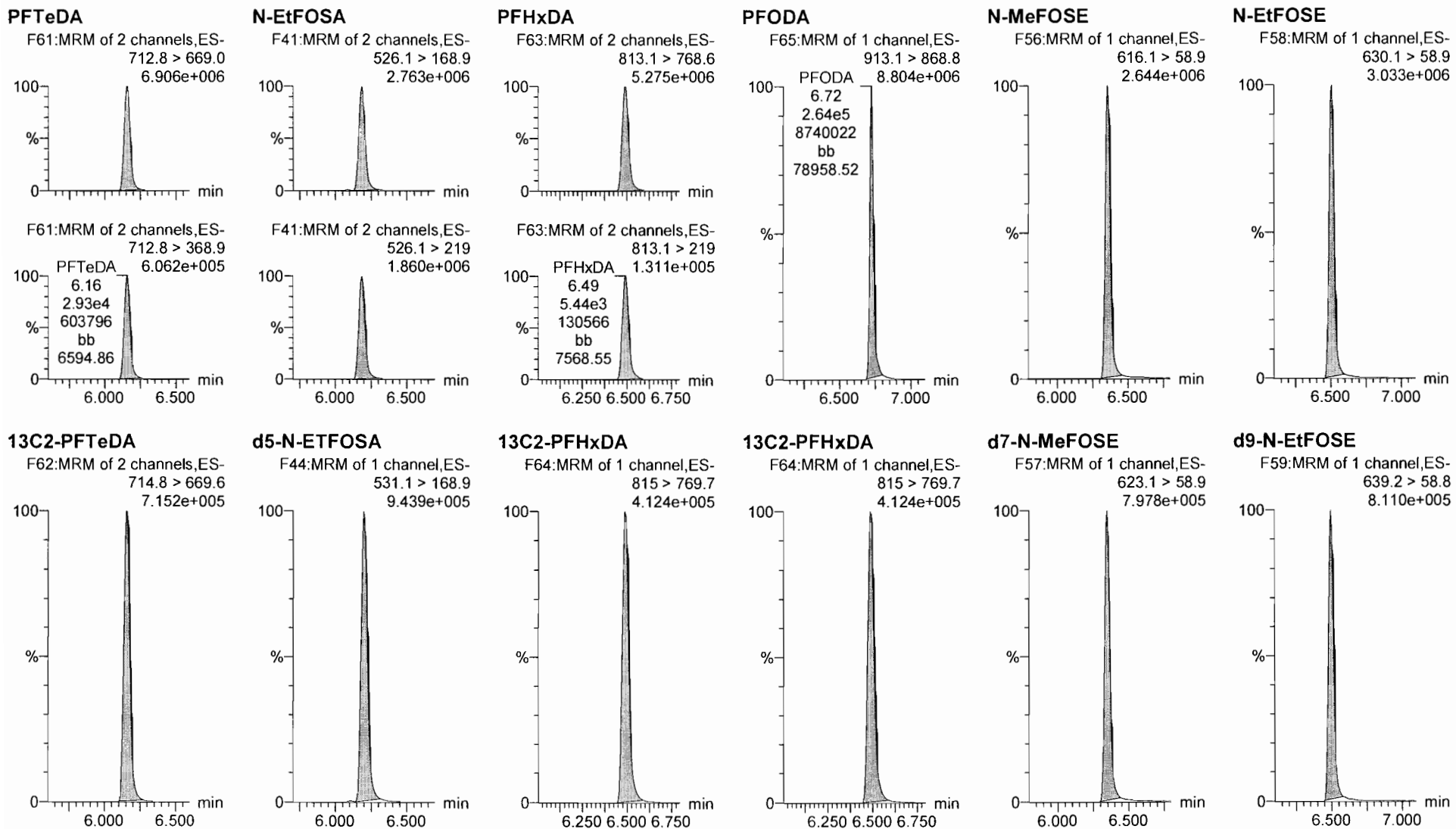


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Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_9, Date: 25-Aug-2018, Time: 14:57:09, ID: ST180825M1-8 PFC CS5 18H2109, Description: PFC CS5 18H2109



Dataset: Untitled

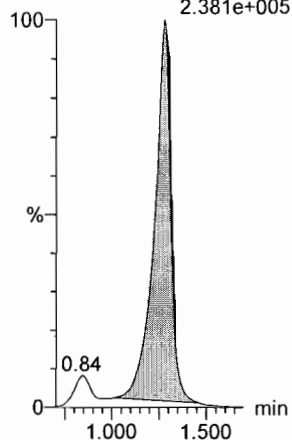
Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

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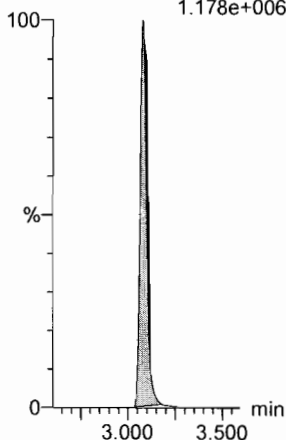
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
2.381e+005



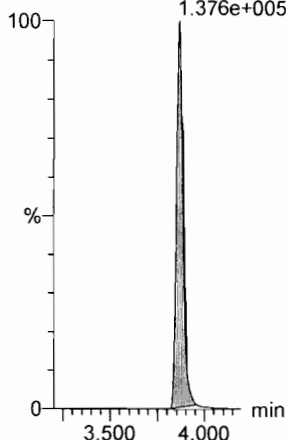
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
1.178e+006



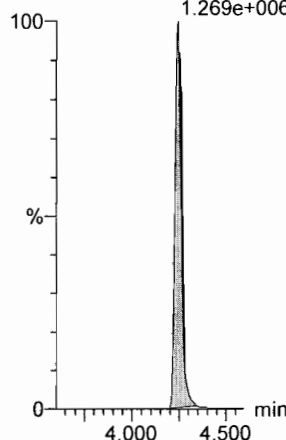
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.376e+005



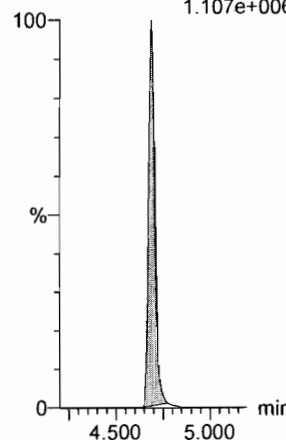
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
1.269e+006



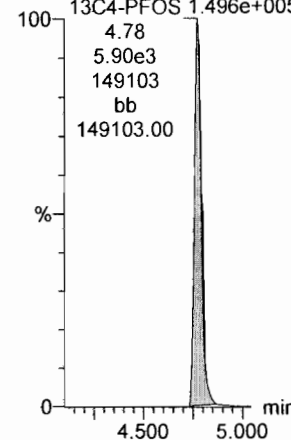
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.107e+006



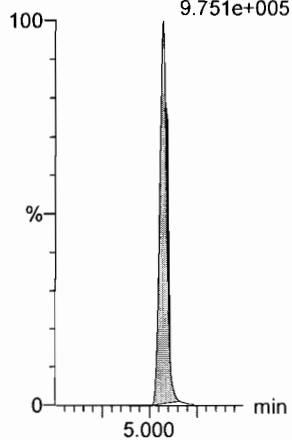
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.496e+005



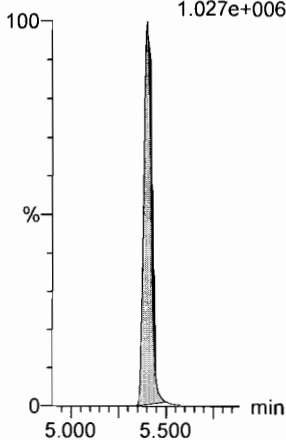
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
9.751e+005



13C7-PFUdA

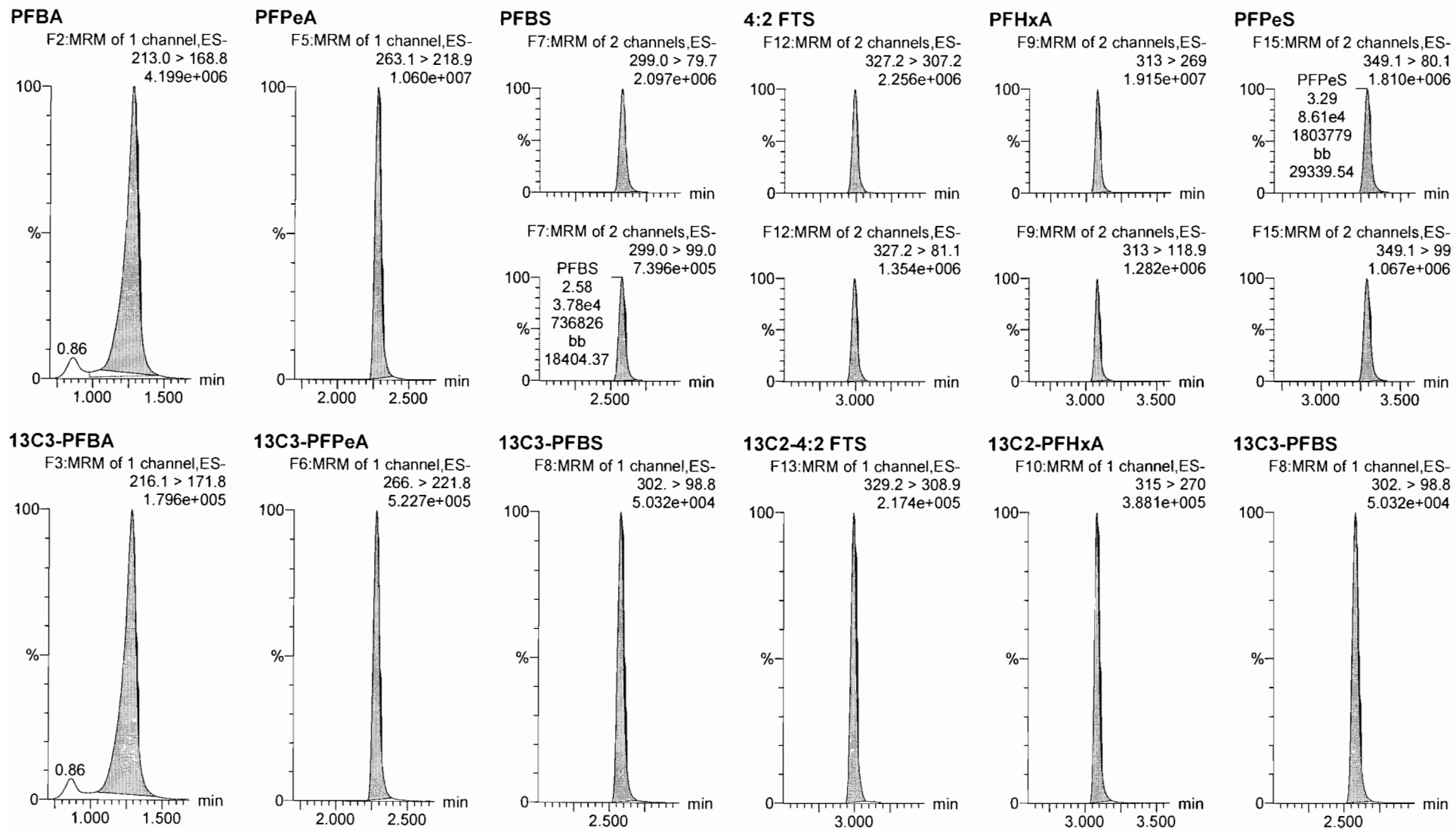
F49:MRM of 1 channel,ES-
570.1 > 524.8
1.027e+006



Dataset: Untitled

Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time
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Name: 180825M1_10, Date: 25-Aug-2018, Time: 15:07:47, ID: ST180825M1-9 PFC CS6 18H2110, Description: PFC CS6 18H2110



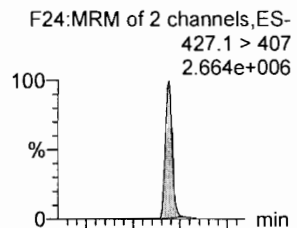
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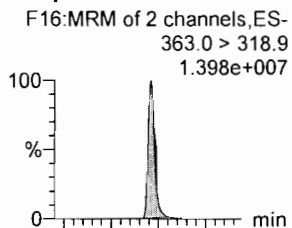
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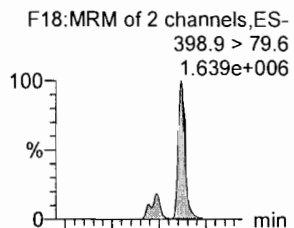
6:2 FTS



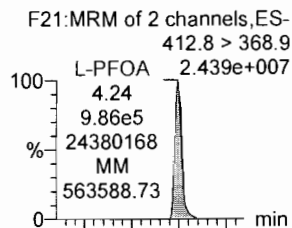
PFHpA



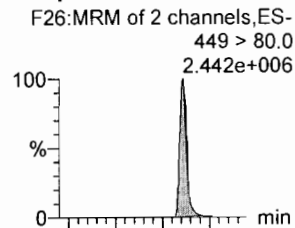
L-PFHxS



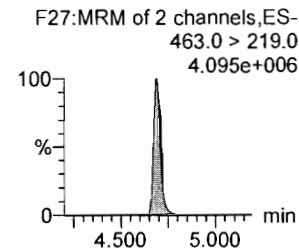
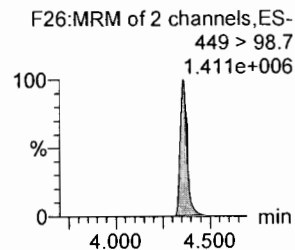
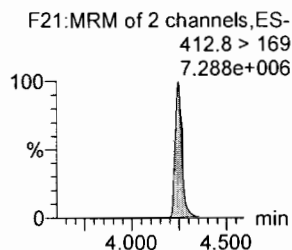
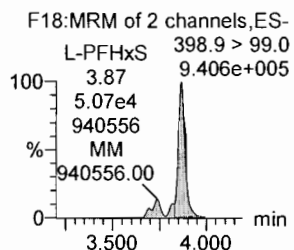
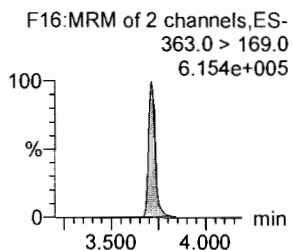
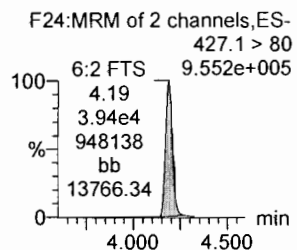
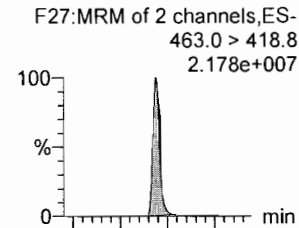
L-PFOA



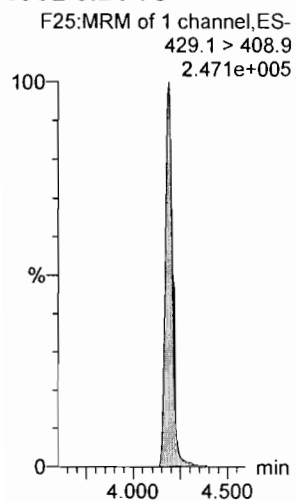
PFHpS



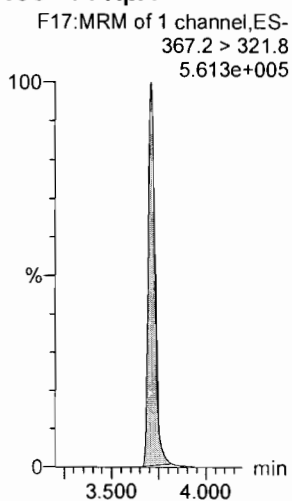
PFNA



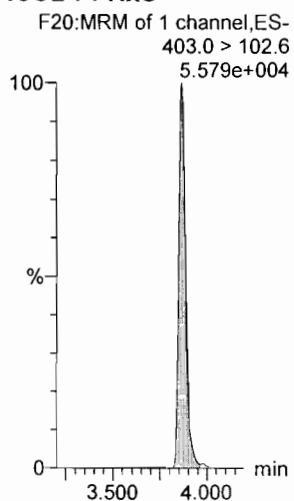
13C2-6:2 FTS



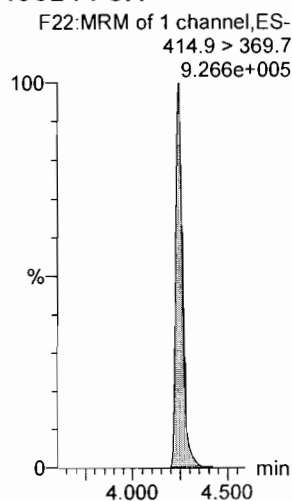
13C4-PFHpA



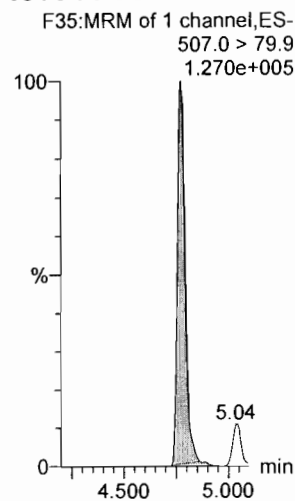
18O2-PFHxS



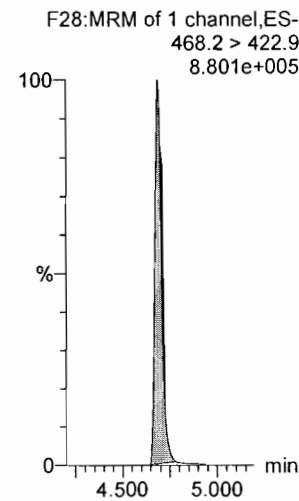
13C2-PFOA



13C8-PFOS



13C5-PFNA

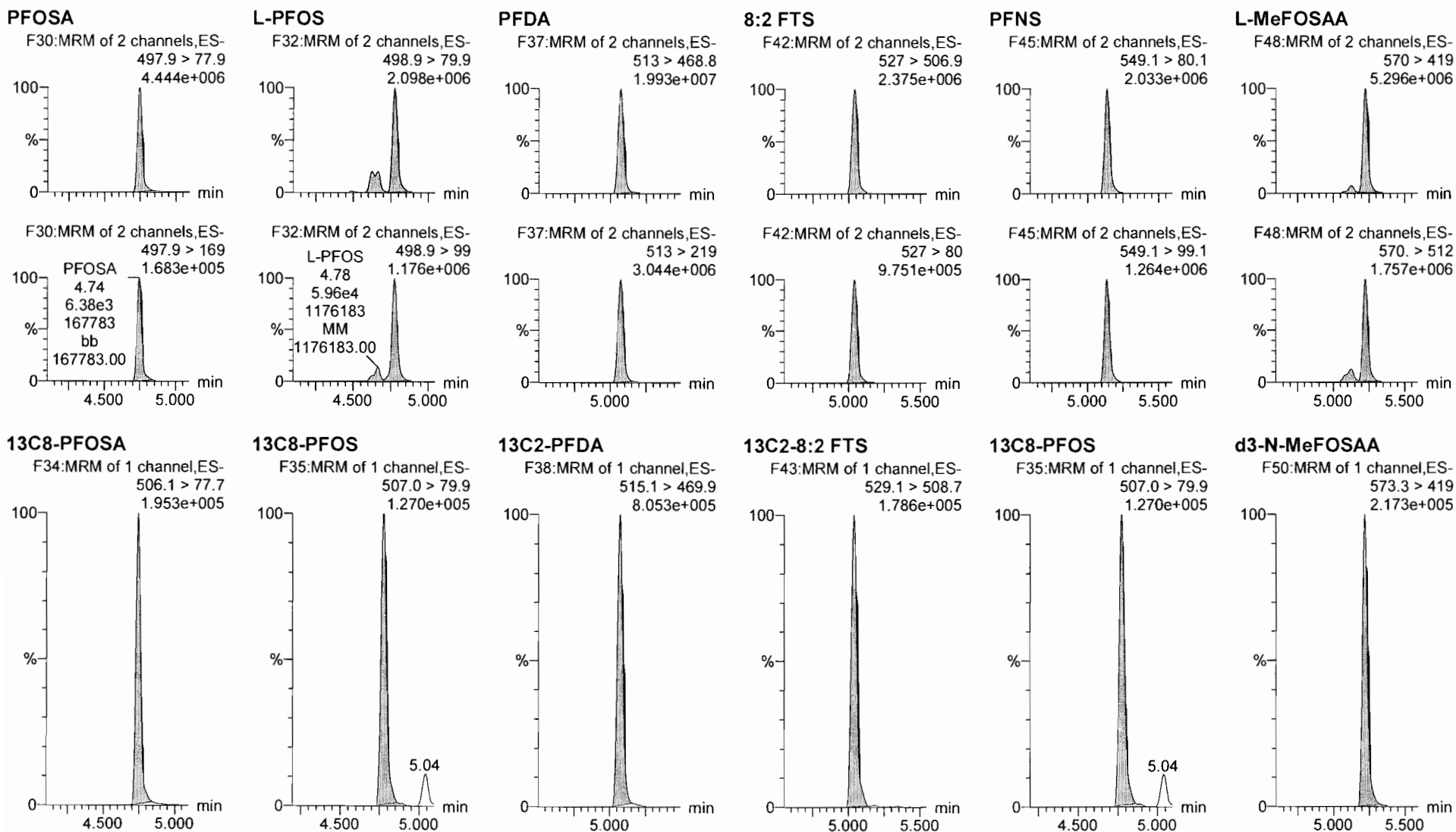


Dataset: Untitled

Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

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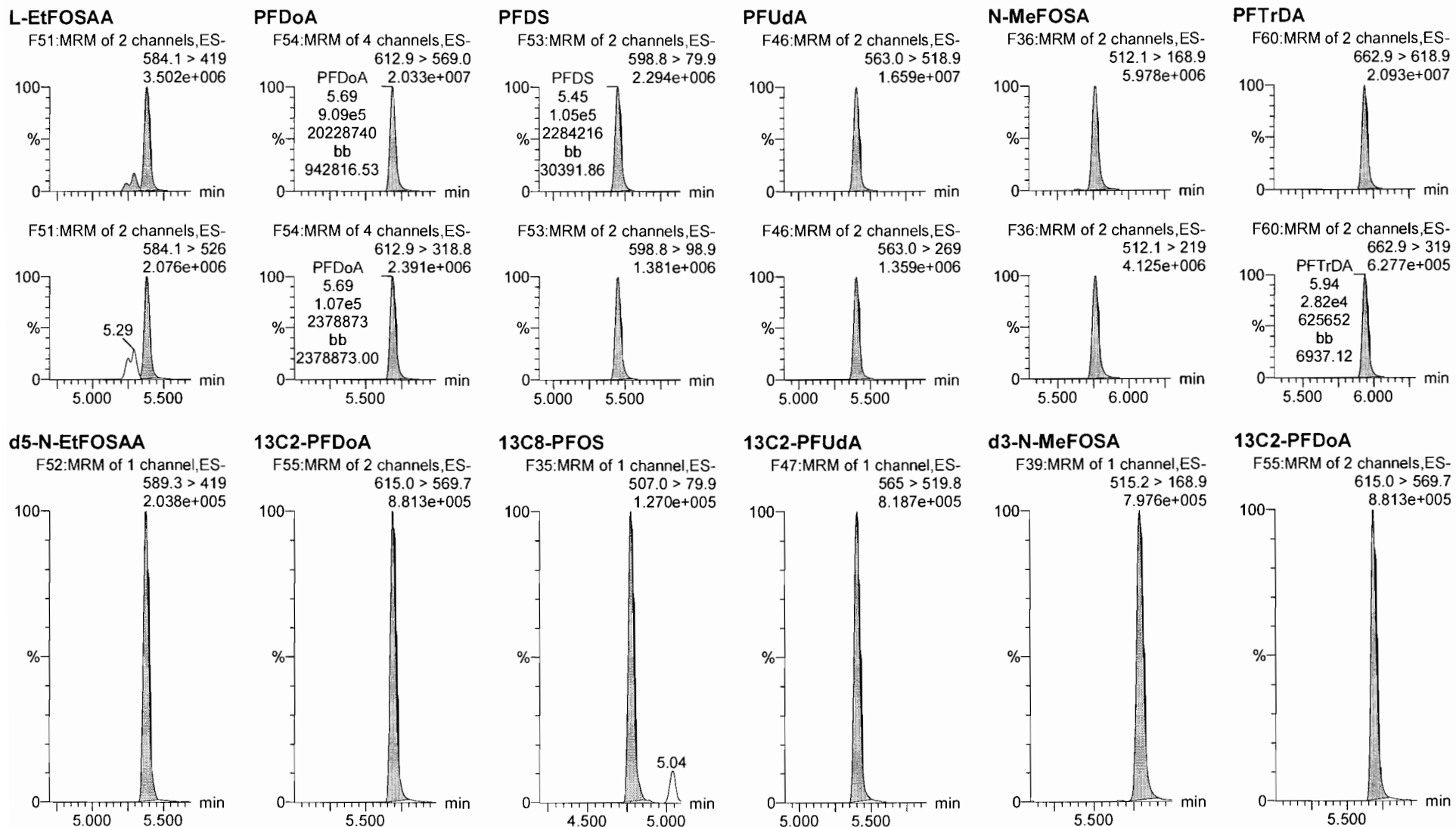
Name: 180825M1_10, Date: 25-Aug-2018, Time: 15:07:47, ID: ST180825M1-9 PFC CS6 18H2110, Description: PFC CS6 18H2110



Dataset: Untitled

Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time
Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_10, Date: 25-Aug-2018, Time: 15:07:47, ID: ST180825M1-9 PFC CS6 18H2110, Description: PFC CS6 18H2110

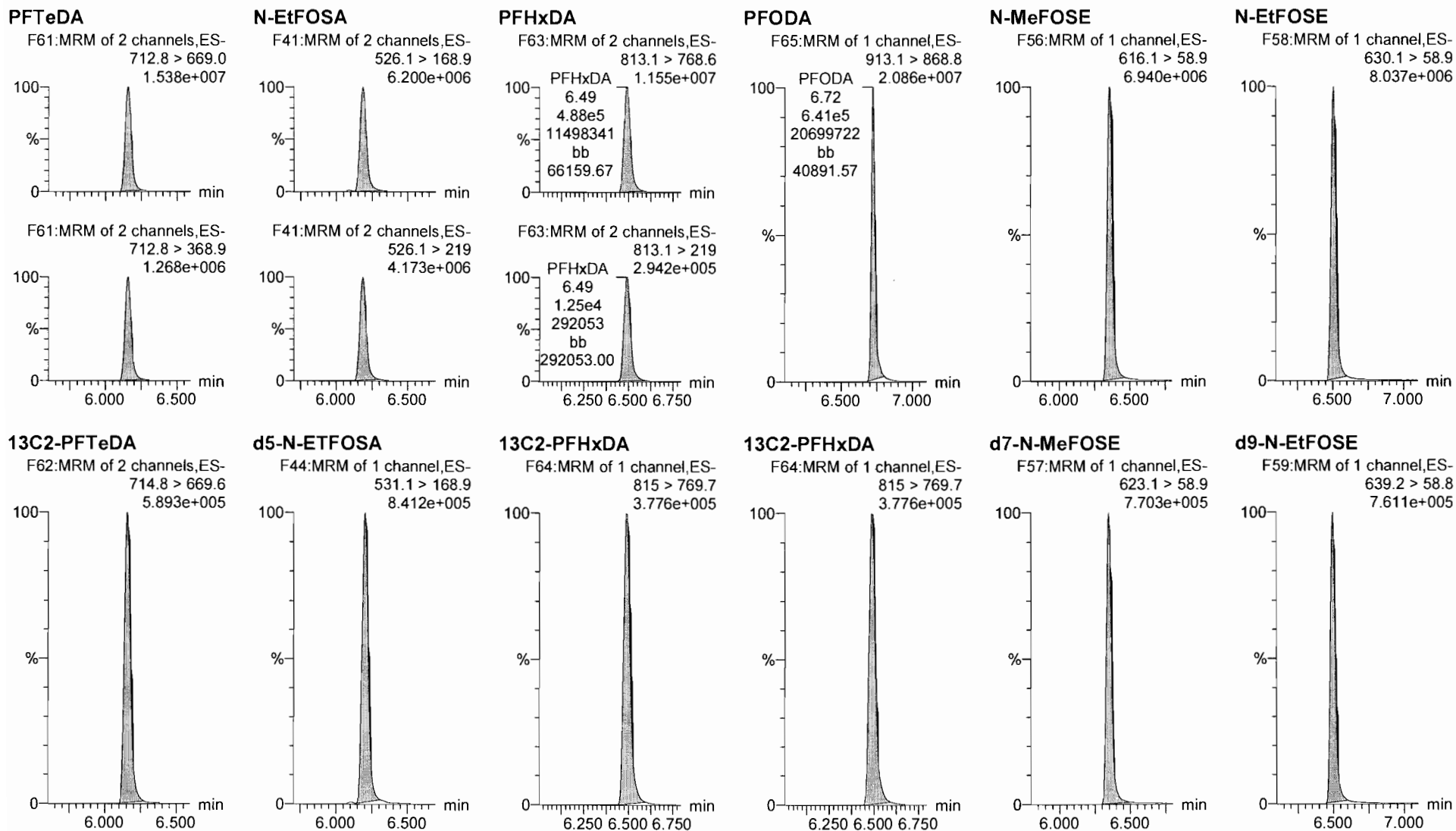


Dataset: Untitled

Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_10, Date: 25-Aug-2018, Time: 15:07:47, ID: ST180825M1-9 PFC CS6 18H2110, Description: PFC CS6 18H2110



Dataset: Untitled

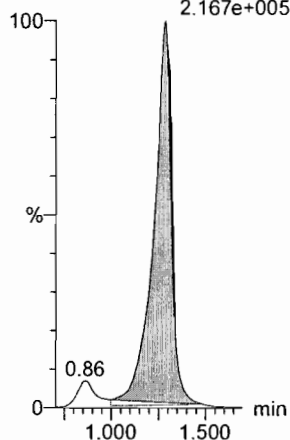
Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_10, Date: 25-Aug-2018, Time: 15:07:47, ID: ST180825M1-9 PFC CS6 18H2110, Description: PFC CS6 18H2110

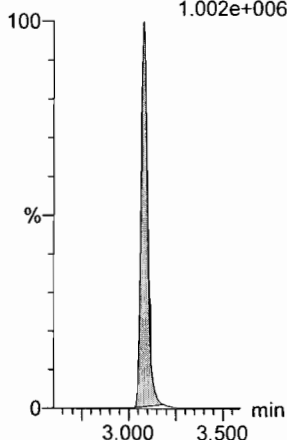
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
2.167e+005



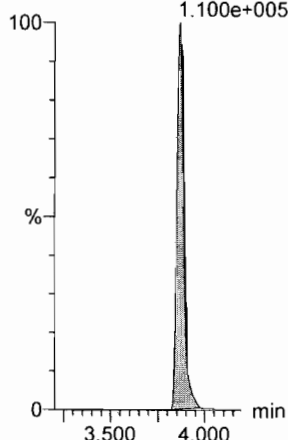
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
1.002e+006



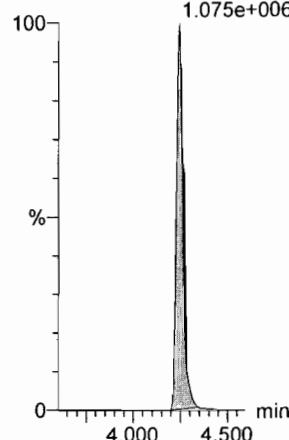
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.100e+005



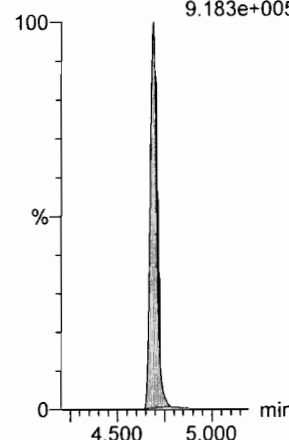
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
1.075e+006



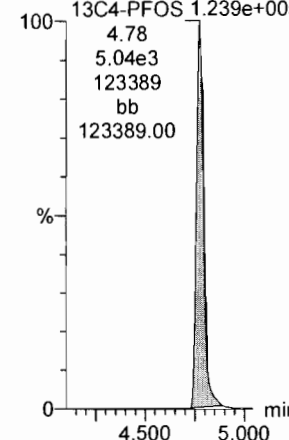
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
9.183e+005



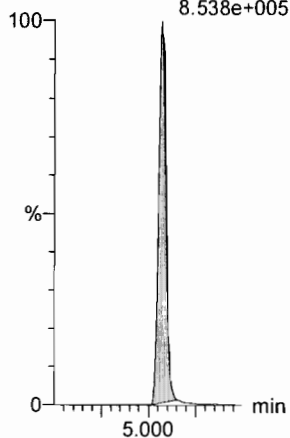
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.239e+005



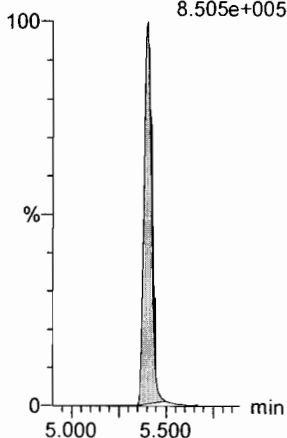
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
8.538e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
8.505e+005

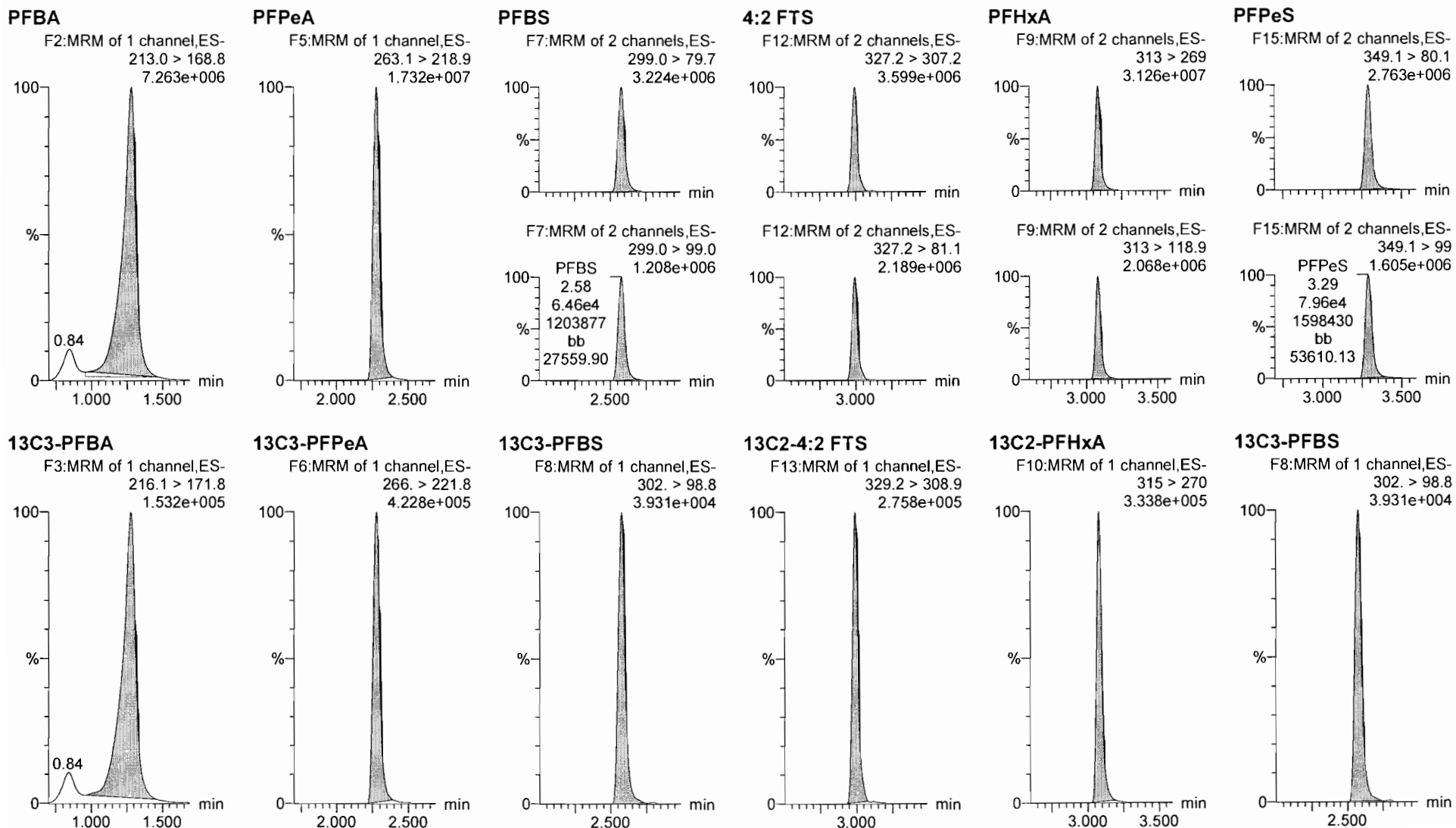


Dataset: Untitled

Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

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Name: 180825M1_11, Date: 25-Aug-2018, Time: 15:18:19, ID: ST180825M1-10 PFC CS7 18H2111, Description: PFC CS7 18H2111

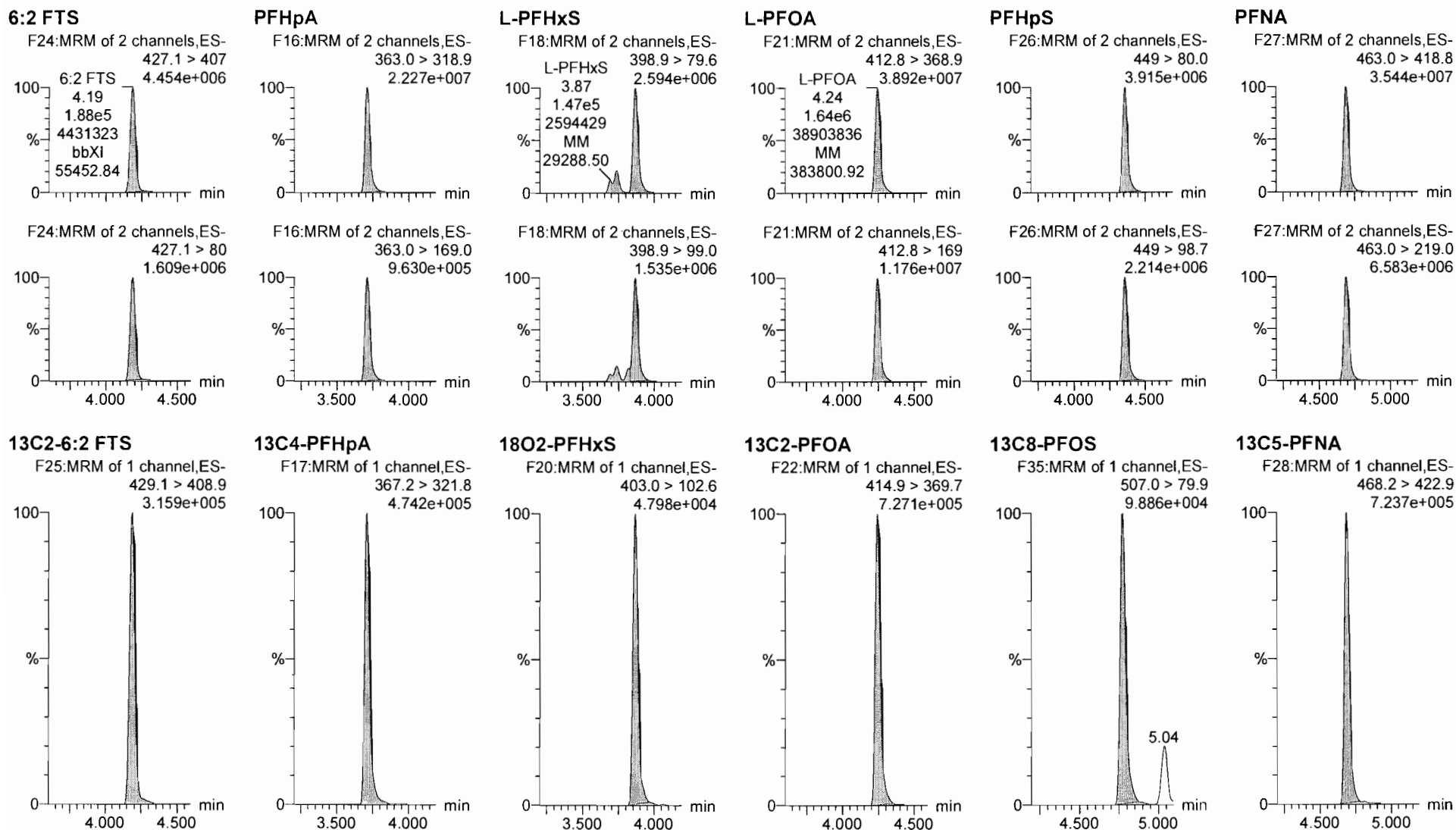


Dataset: Untitled

Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_11, Date: 25-Aug-2018, Time: 15:18:19, ID: ST180825M1-10 PFC CS7 18H2111, Description: PFC CS7 18H2111



Dataset: Untitled

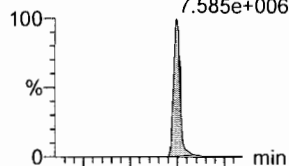
Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

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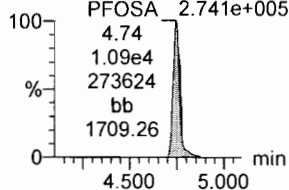
Name: 180825M1_11, Date: 25-Aug-2018, Time: 15:18:19, ID: ST180825M1-10 PFC CS7 18H2111, Description: PFC CS7 18H2111

PFOSA

F30:MRM of 2 channels,ES-
497.9 > 77.9
7.585e+006

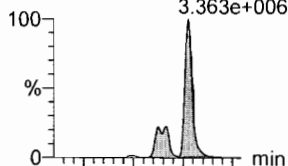


F30:MRM of 2 channels,ES-
497.9 > 169
PFOSA
4.74
1.09e4
273624
bb
1709.26

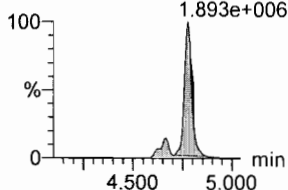


L-PFOS

F32:MRM of 2 channels,ES-
498.9 > 79.9
3.363e+006

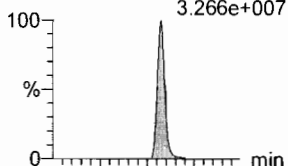


F32:MRM of 2 channels,ES-
498.9 > 99
1.893e+006

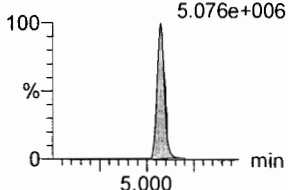


PFDA

F37:MRM of 2 channels,ES-
513 > 468.8
3.266e+007

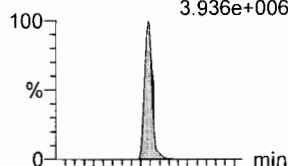


F37:MRM of 2 channels,ES-
513 > 219
5.076e+006

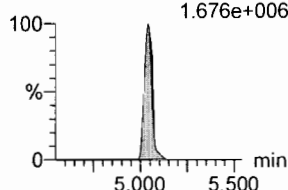


8:2 FTS

F42:MRM of 2 channels,ES-
527 > 506.9
3.936e+006

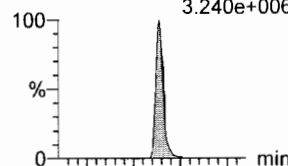


F42:MRM of 2 channels,ES-
527 > 80
1.676e+006

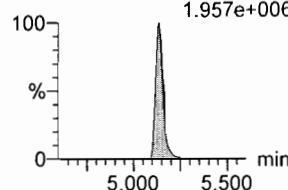


PFNS

F45:MRM of 2 channels,ES-
549.1 > 80.1
3.240e+006

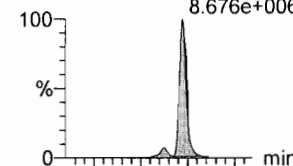


F45:MRM of 2 channels,ES-
549.1 > 99.1
1.957e+006

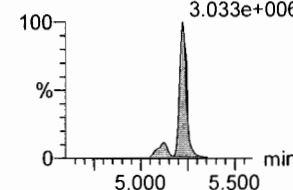


L-MeFOSAA

F48:MRM of 2 channels,ES-
570 > 419
8.676e+006

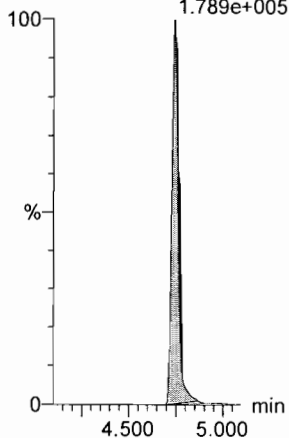


F48:MRM of 2 channels,ES-
570. > 512
3.033e+006



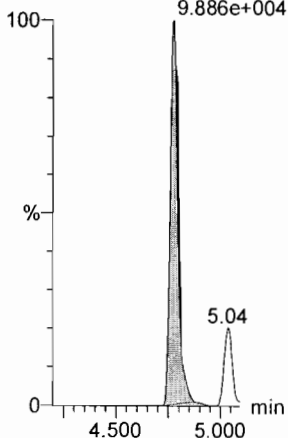
13C8-PFOSA

F34:MRM of 1 channel,ES-
506.1 > 77.7
1.789e+005



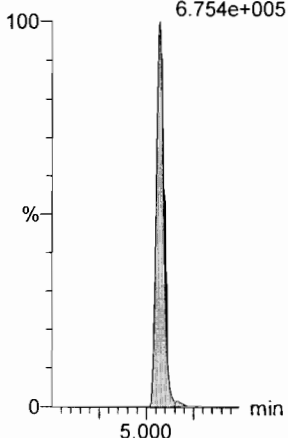
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
9.886e+004



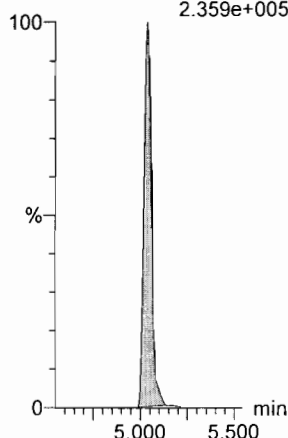
13C2-PFDA

F38:MRM of 1 channel,ES-
515.1 > 469.9
6.754e+005



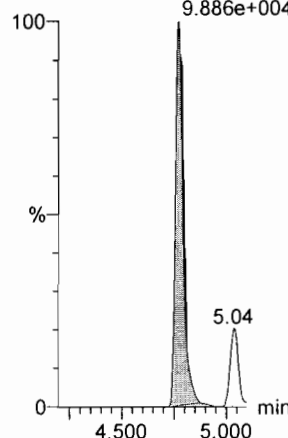
13C2-8:2 FTS

F43:MRM of 1 channel,ES-
529.1 > 508.7
2.359e+005



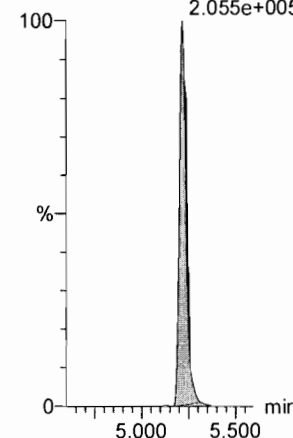
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
9.886e+004



d3-N-MeFOSAA

F50:MRM of 1 channel,ES-
573.3 > 419
2.055e+005

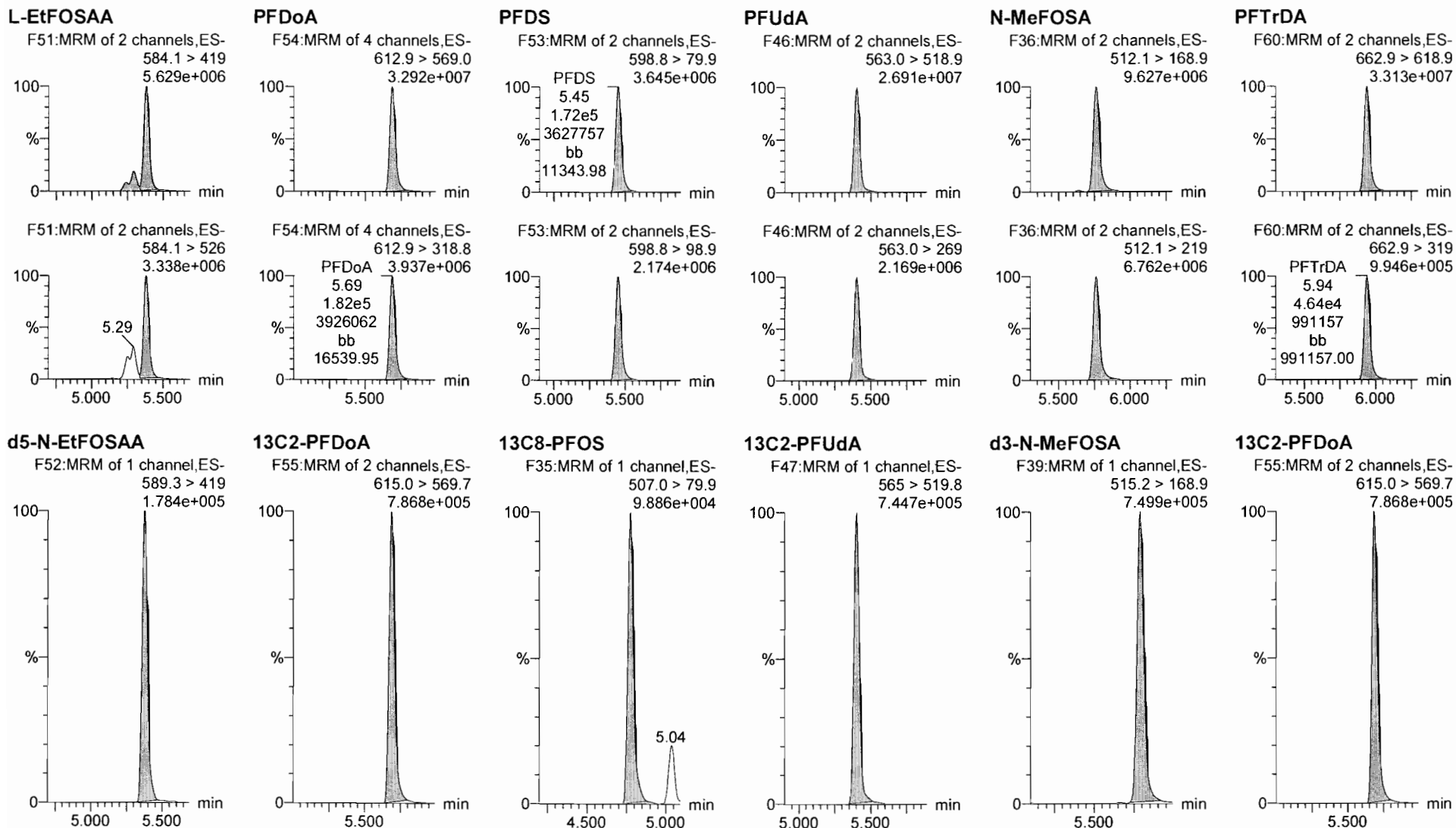


Dataset: Untitled

Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_11, Date: 25-Aug-2018, Time: 15:18:19, ID: ST180825M1-10 PFC CS7 18H2111, Description: PFC CS7 18H2111

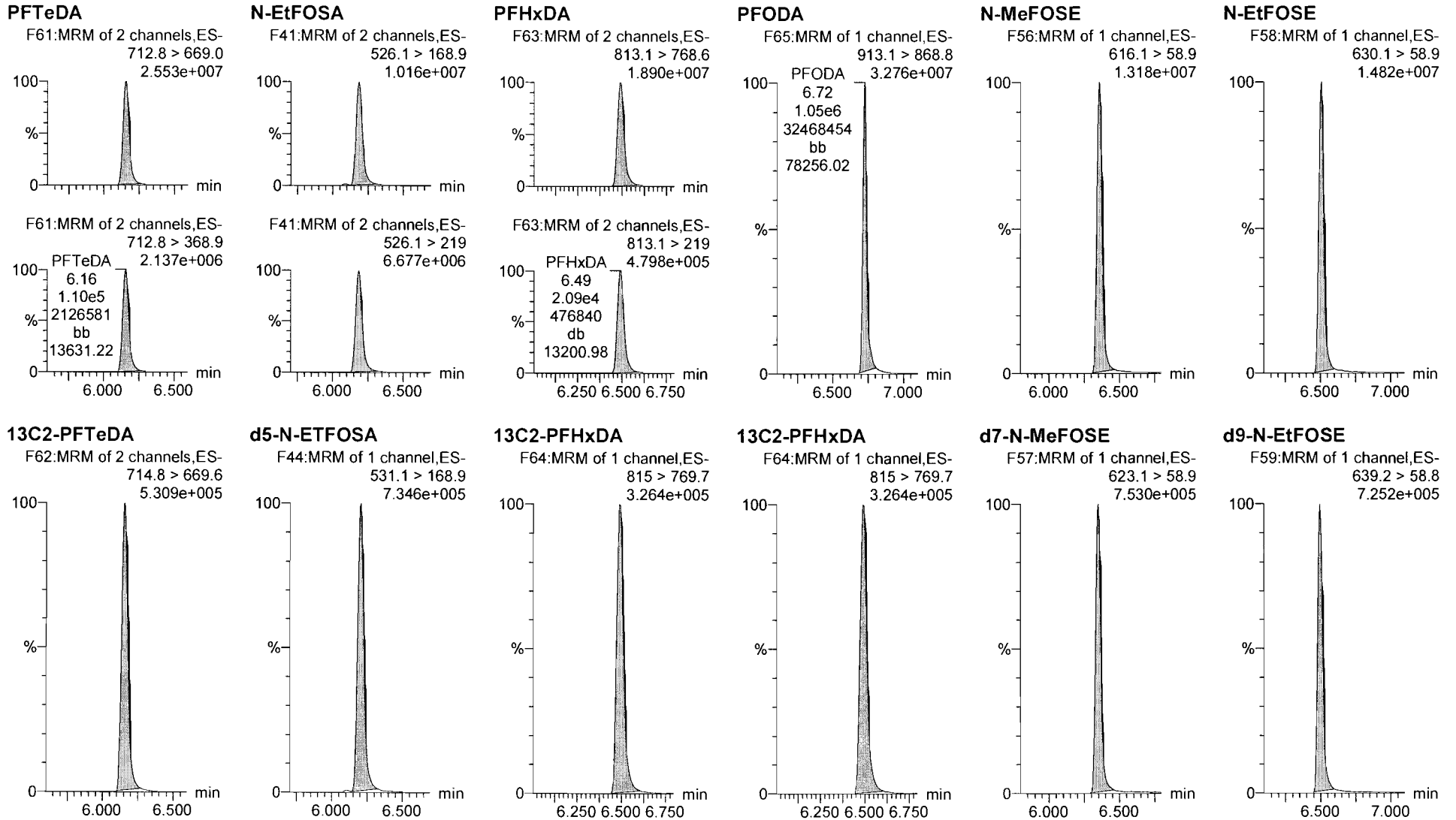


Dataset: Untitled

Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_11, Date: 25-Aug-2018, Time: 15:18:19, ID: ST180825M1-10 PFC CS7 18H2111, Description: PFC CS7 18H2111

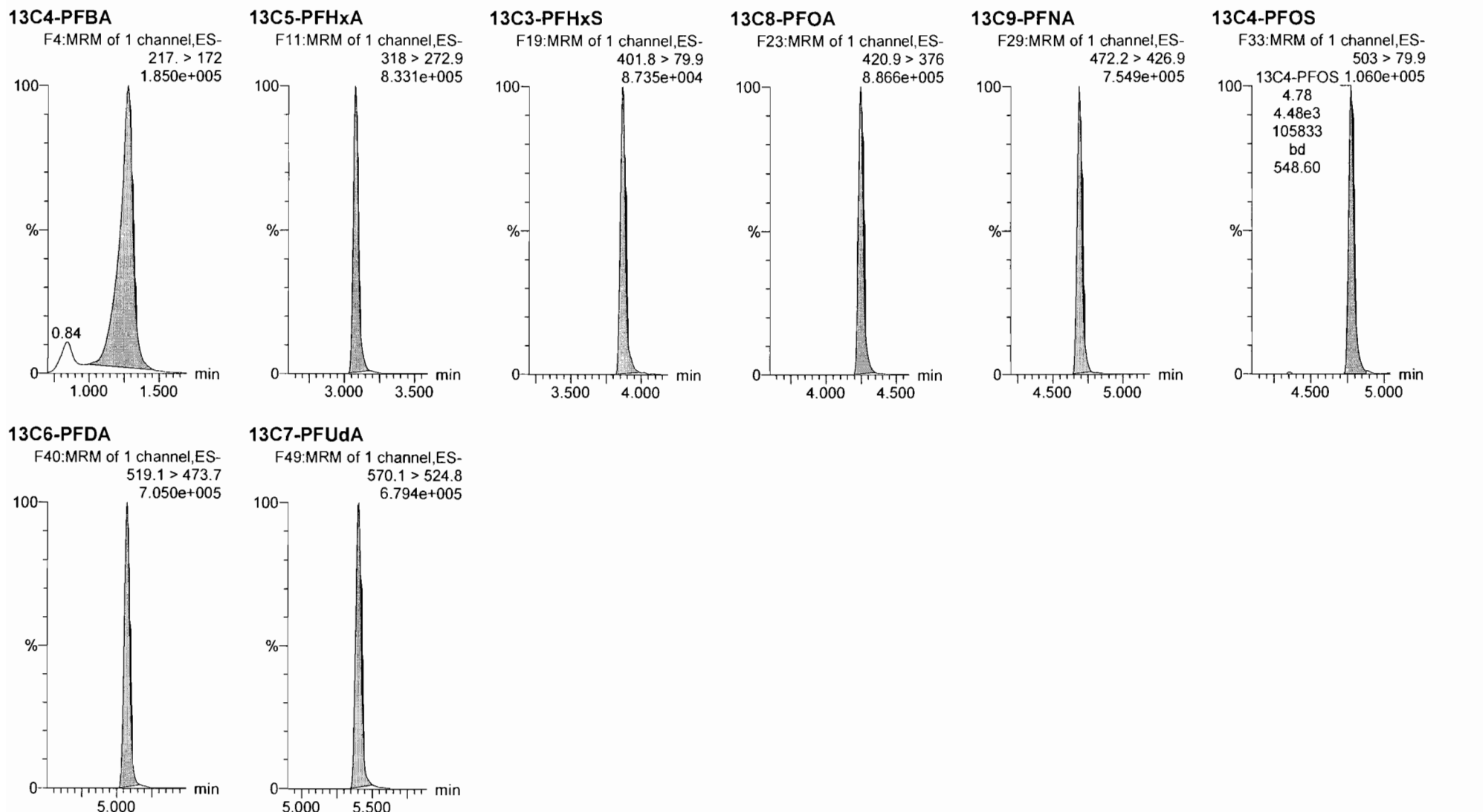


Dataset: Untitled

Last Altered: Sunday, August 26, 2018 12:50:42 Pacific Daylight Time

Printed: Sunday, August 26, 2018 12:51:08 Pacific Daylight Time

Name: 180825M1_11, Date: 25-Aug-2018, Time: 15:18:19, ID: ST180825M1-10 PFC CS7 18H2111, Description: PFC CS7 18H2111



Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-ICV.qld

Last Altered: Sunday, August 26, 2018 14:02:36 Pacific Daylight Time

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JAN 8/26/18

Name: 180825M1_13, Date: 25-Aug-2018, Time: 15:39:31, ID: ICV180825M1-1 PFC 537 ICV 18H2112, Description: PFC 537 ICV 18H2112

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	16304.701	20872.879	1.00	1.28	9.764	8.4	84.3	NO		
2	2 PFPeA	263.1 > 218.9	23254.469	33972.676	1.00	2.28	8.556	8.9	89.4	NO		
3	3 PFBS	299.0 > 79.7	4456.397	3661.540	1.00	2.58	15.214	7.6	76.4	NO	2.825	NO
4	4 4:2 FTS	327.2>307.2	4676.337	7160.343	1.00	2.99	8.164	8.6	85.6	NO	1.569	NO
5	5 PFHxA	313 > 269	37456.898	20432.775	1.00	3.08	9.166	9.7	97.3	NO	15.718	NO
6	6 PFPeS	349.1>80.1	3872.627	3661.540	1.00	3.29	13.221	7.9	78.9	NO	1.605	NO
7	36 13C3-PFBA	216.1 > 171.8	20872.879	24634.092	1.00	1.28	10.591	12.8	102.5	NO		
8	37 13C3-PFPeA	266. > 221.8	33972.676	53533.598	1.00	2.28	7.933	12.4	99.1	NO		
9	38 13C3-PFBS	302. > 98.8	3661.540	53533.598	1.00	2.58	0.855	13.1	105.0	NO		
10	39 13C2-4:2 FTS	329.2>308.9	7160.343	53533.598	1.00	2.99	1.672	11.9	95.6	NO		
11	40 13C2-PFHxA	315 > 270	20432.775	53533.598	1.00	3.08	4.771	4.9	98.6	NO		
12	38 13C3-PFBS	302. > 98.8	3661.540	53533.598	1.00	2.58	0.855	13.1	105.0	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	5351.408	7117.616	1.00	4.19	9.398	9.4	93.8	NO	2.828	NO
15	7 PFHpA	363.0 > 318.9	26905.873	32289.414	1.00	3.71	10.416	8.9	89.0	NO	23.786	NO
16	8 L-PFHxS	398.9 > 79.6	3532.396	3116.586	1.00	3.87	14.168	8.2	82.0	NO	1.834	NO
17	11 L-PFOA	412.8 > 368.9	44224.664	48186.914	1.00	4.24	11.472	9.2	92.4	NO	3.311	NO
18	13 PFHpS	449 > 80.0	4436.996	7228.960	1.00	4.36	7.672	9.1	90.6	NO	1.832	NO
19	14 PFNA	463.0 > 418.8	40037.152	49002.898	1.00	4.69	10.213	8.5	85.4	NO	5.504	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	7117.616	57151.953	1.00	4.19	1.557	11.6	93.2	NO		
21	41 13C4-PFHpA	367.2 > 321.8	32289.414	53533.598	1.00	3.71	7.540	12.9	103.1	NO		
22	42 18O2-PFHxS	403.0 > 102.6	3116.586	6468.684	1.00	3.86	6.022	11.6	93.1	NO		
23	44 13C2-PFOA	414.9 > 369.7	48186.914	57151.953	1.00	4.24	10.539	12.2	97.8	NO		
24	47 13C8-PFOS	507.0 > 79.9	7228.960	7016.534	1.00	4.78	12.878	12.1	96.9	NO		
25	45 13C5-PFNA	468.2 > 422.9	49002.898	50642.996	1.00	4.69	12.095	12.6	100.8	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	7518.828	10517.188	1.00	4.74	8.936	8.5	85.0	NO	26.986	NO
28	16 L-PFOS	498.9 > 79.9	4840.961	7228.960	1.00	4.78	8.371	8.6	86.0	NO	2.015	NO
29	18 PFDA	513 > 468.8	40626.453	48526.910	1.00	5.07	10.465	8.5	85.1	NO	6.717	NO
30	19 8:2 FTS	527 > 506.9	5287.812	5860.404	1.00	5.04	11.279	8.2	81.8	NO	2.390	NO
31	20 PFNS	549.1 > 80.1	4191.539	7228.960	1.00	5.14	7.248	9.4	94.1	NO	1.636	NO
32	21 L-MeFOSAA	570 > 419	12292.269	11825.309	1.00	5.23	12.994	10.1	101.4	NO	2.698	NO
33	46 13C8-PFOSA	506.1 > 77.7	10517.188	56823.914	1.00	4.74	2.314	11.8	94.5	NO		
34	47 13C8-PFOS	507.0 > 79.9	7228.960	7016.534	1.00	4.78	12.878	12.1	96.9	NO		

DM 8/26/18

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-ICV.qld

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Ⓐ not in ICV
done 8/26/18

Name: 180825M1_13, Date: 25-Aug-2018, Time: 15:39:31, ID: ICV180825M1-1 PFC 537 ICV 18H2112, Description: PFC 537 ICV 18H2112

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	48526.910	50910.547	1.00	5.07	11.915	12.6	101.0	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	5860.404	57151.953	1.00	5.04	1.282	12.2	97.8	NO		
37	47 13C8-PFOS	507.0 > 79.9	7228.960	7016.534	1.00	4.78	12.878	12.1	96.9	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	11825.309	56823.914	1.00	5.22	2.601	11.5	91.9	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	10259.498	13323.948	1.00	5.39	9.625	9.9	98.9	NO	1.568	NO
41	27 PFDoA	612.9 > 569.0	43496.309	57954.438	1.00	5.69	9.382	8.6	85.6	NO	8.161	NO
42	26 PFDS	598.8 > 79.9	5131.950	7228.960	1.00	5.45	8.874	9.6	96.0	NO	1.669	NO
43	25 PFUdA	563.0 > 518.9	38617.039	55932.109	1.00	5.40	8.630	9.1	91.1	NO	12.501	NO
44	28 N-MeFOSA	512.1 > 168.9		42279.090	1.00					Ⓐ		
45	29 PFTrDA	662.9 > 618.9	46939.617	57954.438	1.00	5.94	10.124	8.9	88.8	NO	34.423	NO
46	52 d5-N-EtFOSAA	589.3 > 419	13323.948	56823.914	1.00	5.38	2.931	11.9	95.2	NO		
47	53 13C2-PFDoA	615.0 > 569.7	57954.438	50910.547	1.00	5.69	14.229	12.5	99.6	NO		
48	47 13C8-PFOS	507.0 > 79.9	7228.960	7016.534	1.00	4.78	12.878	12.1	96.9	NO		
49	51 13C2-PFUdA	565 > 519.8	55932.109	56823.914	1.00	5.40	12.304	12.2	97.7	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	42279.090	56823.914	1.00	5.79	9.300	139.8	93.2	NO		
51	53 13C2-PFDoA	615.0 > 569.7	57954.438	50910.547	1.00	5.69	14.229	12.5	99.6	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	37014.336	39396.961	1.00	6.16	11.744	9.0	90.0	NO	11.547	NO
54	31 N-EtFOSA	526.1 > 168.9		52236.305	1.00					Ⓐ		
55	32 PFHxDA	813.1 > 768.6		19917.531	1.00							
56	33 PFODA	913.1 > 868.8		19917.531	1.00							
57	34 N-MeFOSE	616.1 > 58.9		33154.070	1.00							
58	35 N-EtFOSE	630.1 > 58.9		34060.570	1.00							
59	55 13C2-PFTeDA	714.8 > 669.6	39396.961	56823.914	1.00	6.15	8.666	12.0	95.9	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	52236.305	56823.914	1.00	6.20	11.491	140.9	93.9	NO		
61	57 13C2-PFHxDA	815 > 769.7	19917.531	56823.914	1.00	6.49	4.381	4.8	95.4	NO		
62	57 13C2-PFHxDA	815 > 769.7	19917.531	56823.914	1.00	6.49	4.381	4.8	95.4	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	33154.070	56823.914	1.00	6.35	7.293	135.1	90.0	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	34060.570	56823.914	1.00	6.50	7.493	139.6	93.1	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	24634.092	24634.092	1.00	1.28	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	53533.598	53533.598	1.00	3.08	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	6468.684	6468.684	1.00	3.87	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-ICV.qld

Last Altered: Sunday, August 26, 2018 14:02:36 Pacific Daylight Time

Printed: Sunday, August 26, 2018 14:02:46 Pacific Daylight Time

Name: 180825M1_13, Date: 25-Aug-2018, Time: 15:39:31, ID: ICV180825M1-1 PFC 537 ICV 18H2112, Description: PFC 537 ICV 18H2112

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	57151.953	57151.953	1.00	4.24	12.500	12.5	100.0		NO	
70	64 13C9-PFNA	472.2 > 426.9	50642.996	50642.996	1.00	4.69	12.500	12.5	100.0		NO	
71	65 13C4-PFOS	503 > 79.9	7016.534	7016.534	1.00	4.78	12.500	12.5	100.0		NO	
72	66 13C6-PFDA	519.1 > 473.7	50910.547	50910.547	1.00	5.07	12.500	12.5	100.0		NO	
73	67 13C7-PFUdA	570.1 > 524.8	56823.914	56823.914	1.00	5.40	12.500	12.5	100.0		NO	

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-ICV.qld

Last Altered: Sunday, August 26, 2018 14:02:36 Pacific Daylight Time

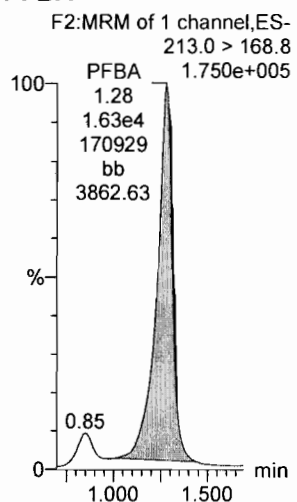
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23

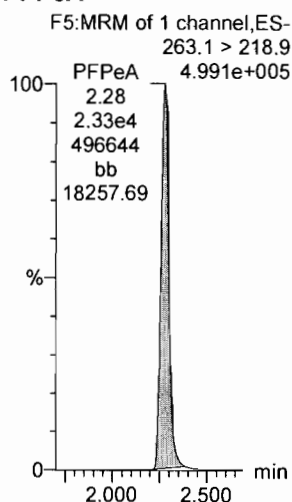
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Name: 180825M1_13, Date: 25-Aug-2018, Time: 15:39:31, ID: ICV180825M1-1 PFC 537 ICV 18H2112, Description: PFC 537 ICV 18H2112

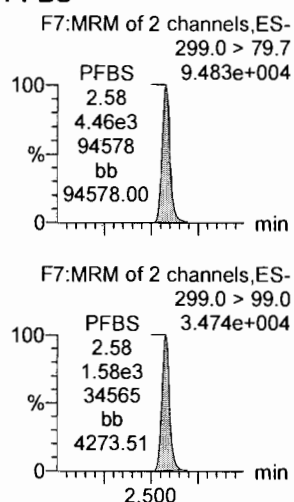
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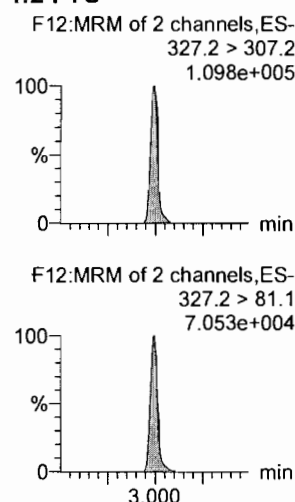
PFPeA



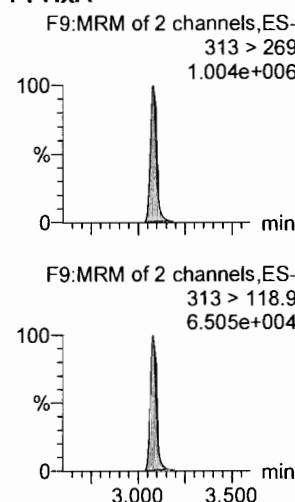
PFBS



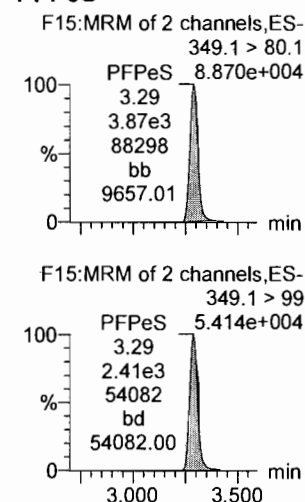
4:2 FTS



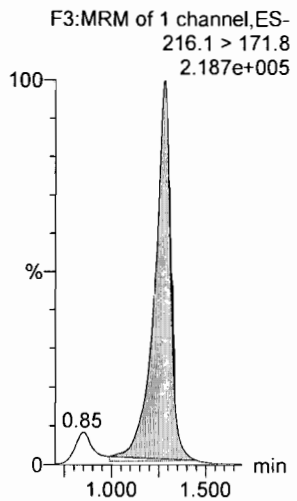
PFHxA



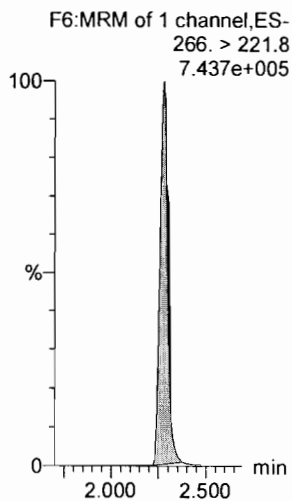
PFPeS



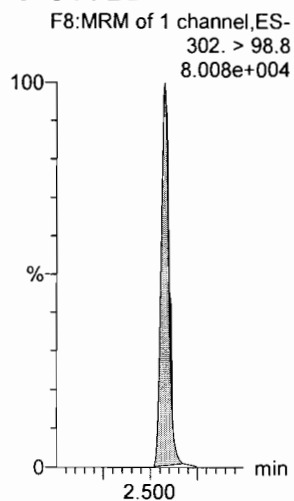
13C3-PFBA



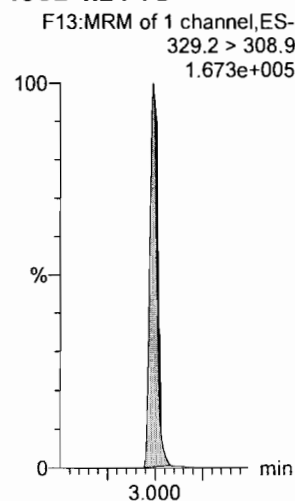
13C3-PFPeA



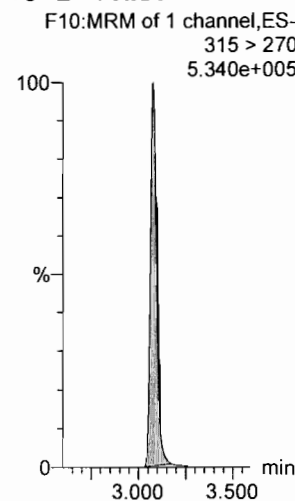
13C3-PFBS



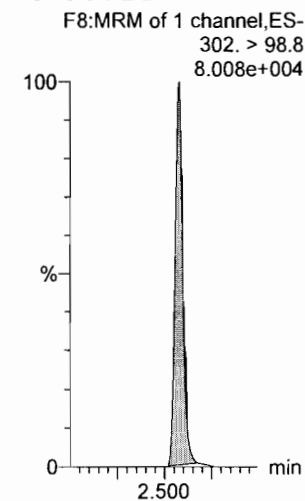
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

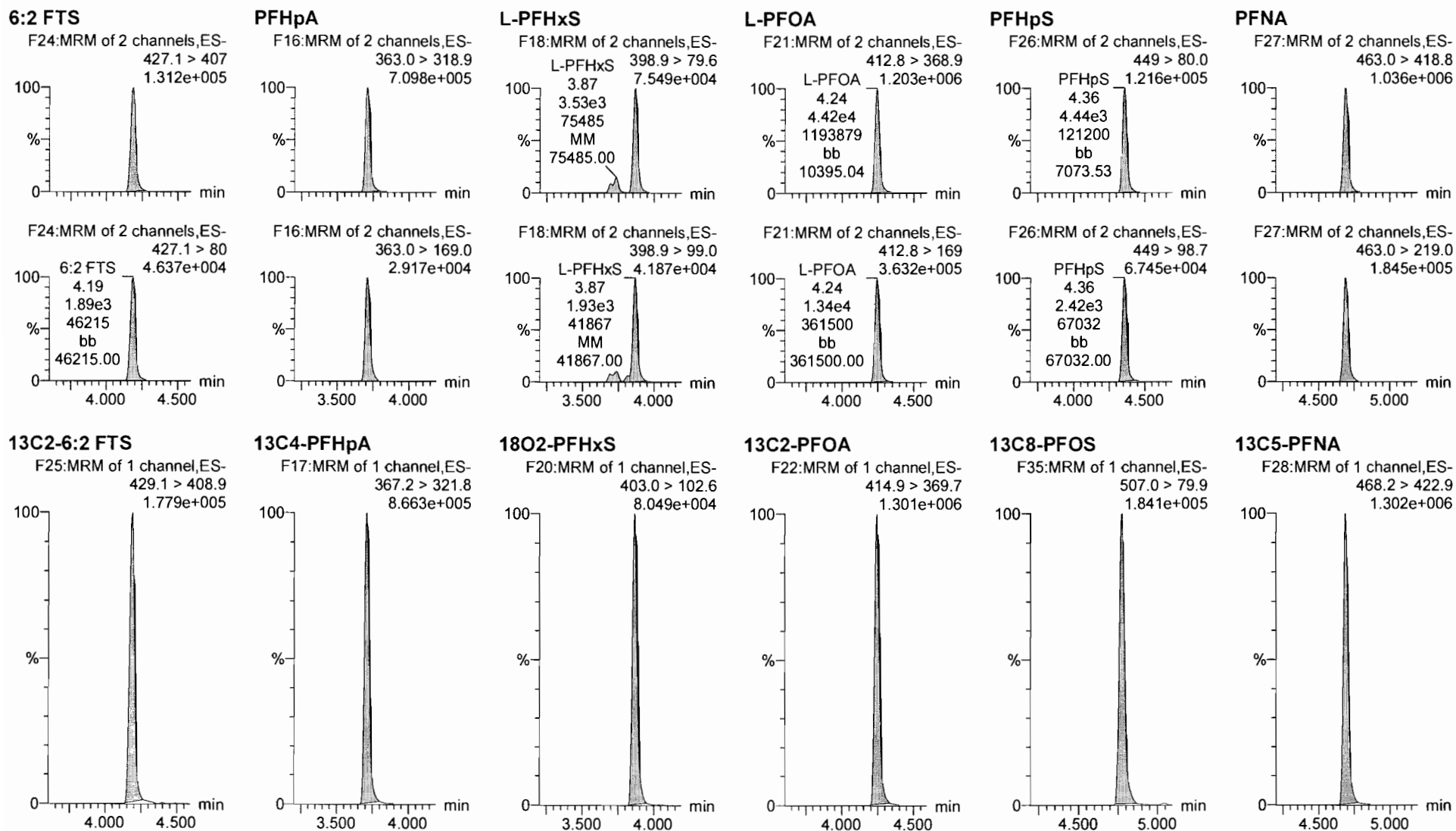


Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-ICV.qld

Last Altered: Sunday, August 26, 2018 14:02:36 Pacific Daylight Time

Printed: Sunday, August 26, 2018 14:02:46 Pacific Daylight Time

Name: 180825M1_13, Date: 25-Aug-2018, Time: 15:39:31, ID: ICV180825M1-1 PFC 537 ICV 18H2112, Description: PFC 537 ICV 18H2112



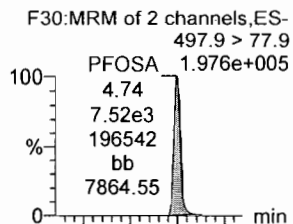
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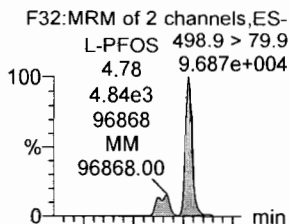
Printed: Sunday, August 26, 2018 14:02:46 Pacific Daylight Time

Name: 180825M1_13, Date: 25-Aug-2018, Time: 15:39:31, ID: ICV180825M1-1 PFC 537 ICV 18H2112, Description: PFC 537 ICV 18H2112

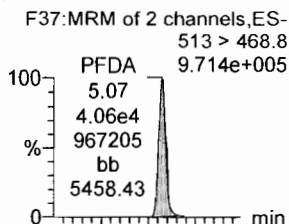
PFOSA



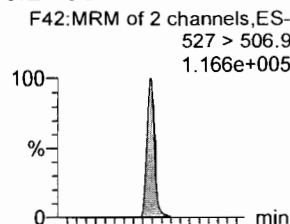
L-PFOS



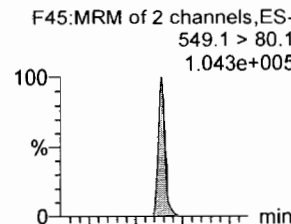
PFDA



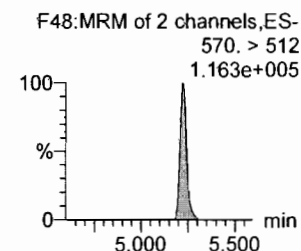
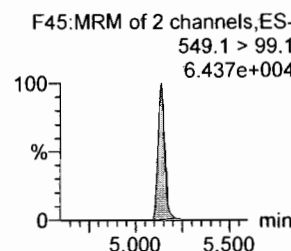
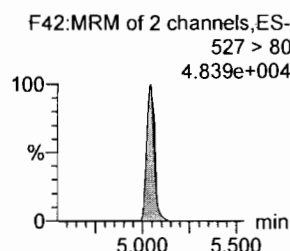
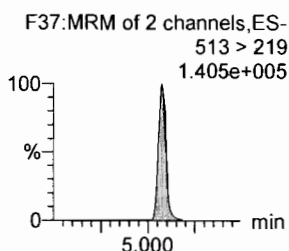
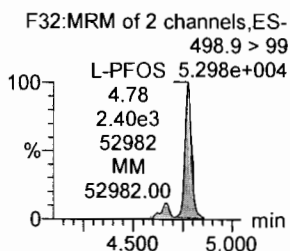
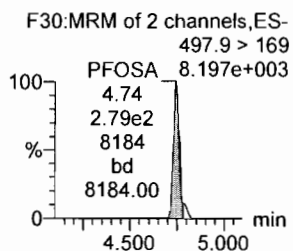
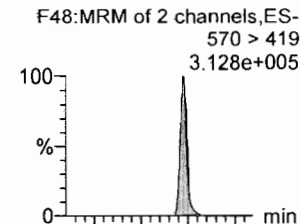
8:2 FTS



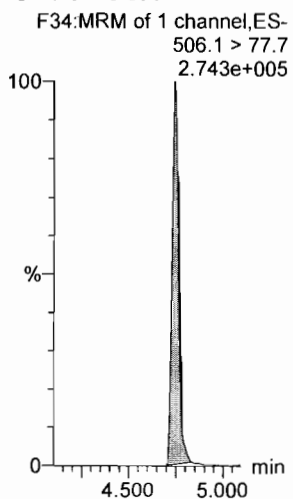
PFNS



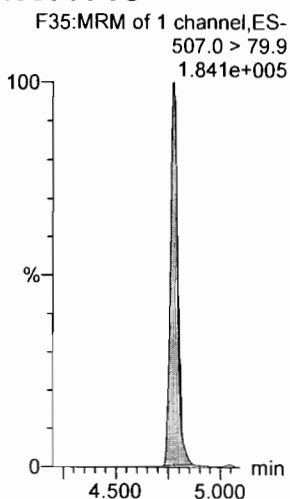
L-MeFOSAA



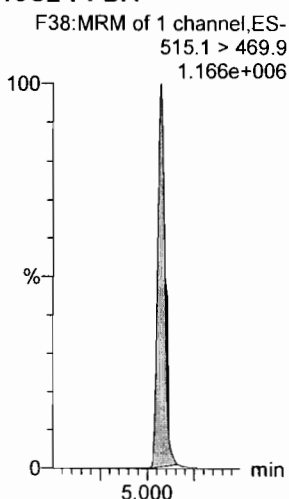
13C8-PFOSA



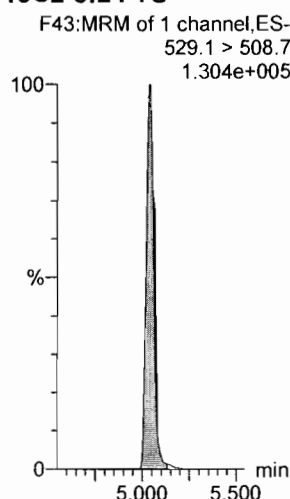
13C8-PFOS



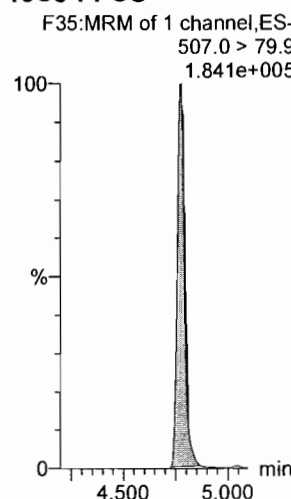
13C2-PFDA



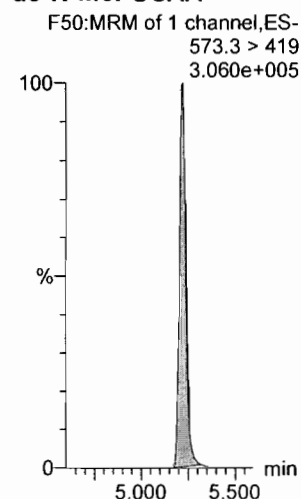
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



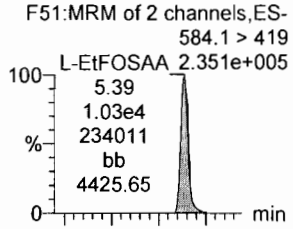
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Last Altered: Sunday, August 26, 2018 14:02:36 Pacific Daylight Time

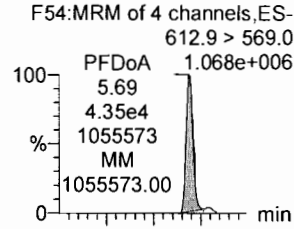
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Name: 180825M1_13, Date: 25-Aug-2018, Time: 15:39:31, ID: ICV180825M1-1 PFC 537 ICV 18H2112, Description: PFC 537 ICV 18H2112

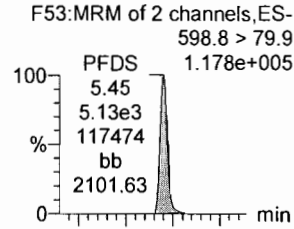
L-EtFOSAA



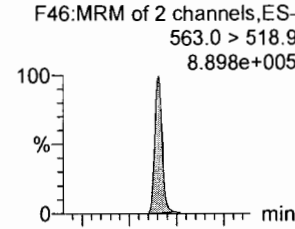
PFDaA



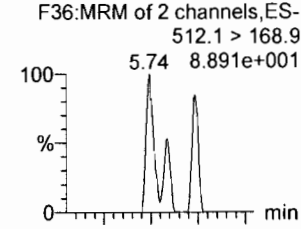
PFDS



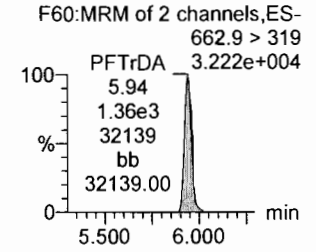
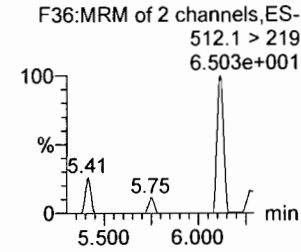
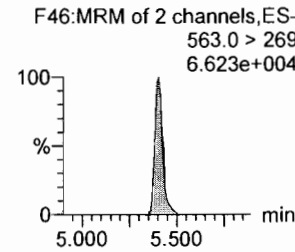
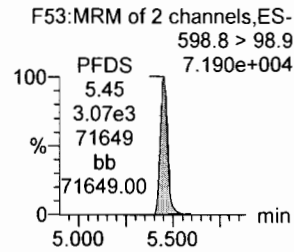
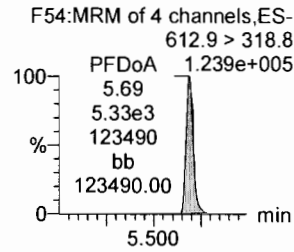
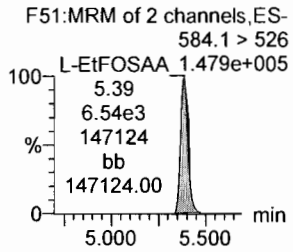
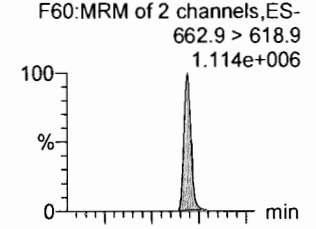
PFUdA



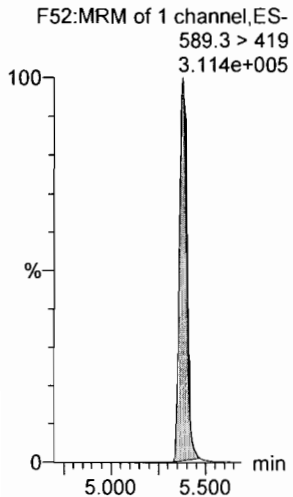
N-MeFOSA



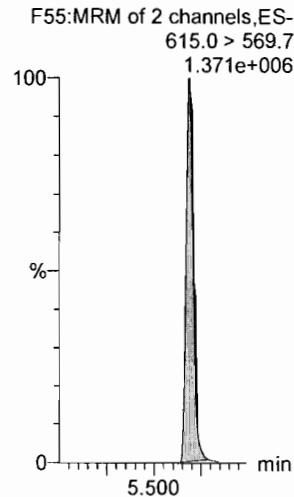
PFTTrDA



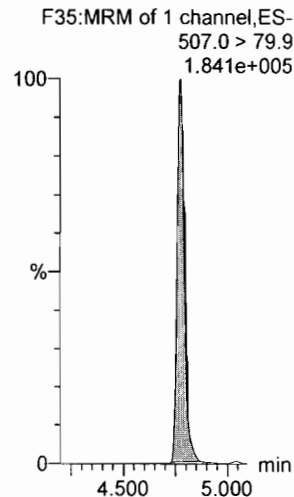
d5-N-EtFOSAA



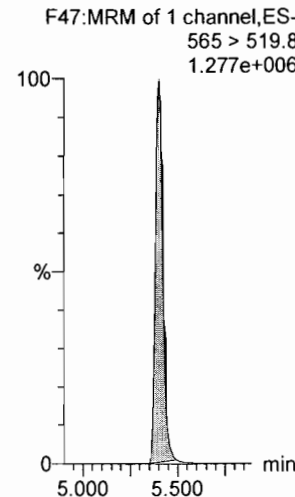
13C2-PFDaA



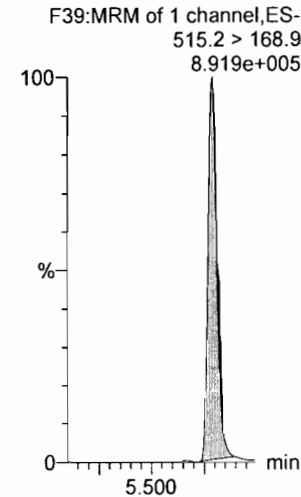
13C8-PFOS



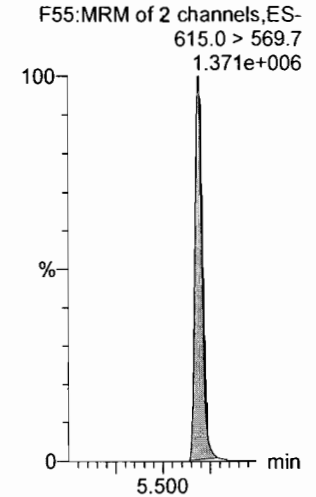
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDaA

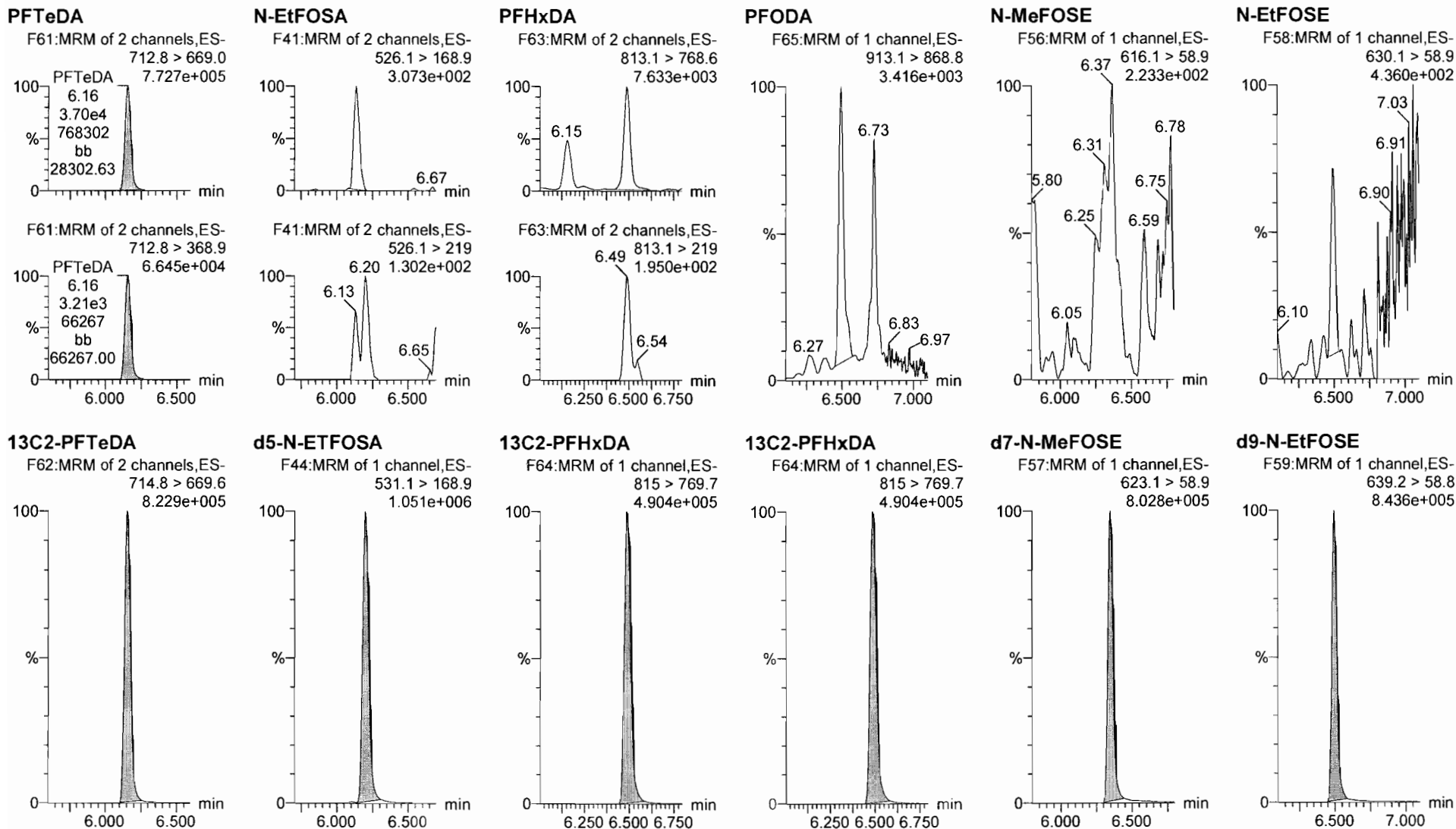


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Printed: Sunday, August 26, 2018 14:02:46 Pacific Daylight Time

Name: 180825M1_13, Date: 25-Aug-2018, Time: 15:39:31, ID: ICV180825M1-1 PFC 537 ICV 18H2112, Description: PFC 537 ICV 18H2112

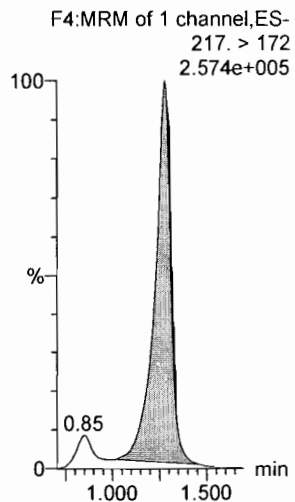


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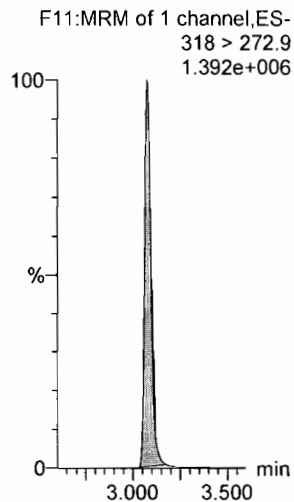
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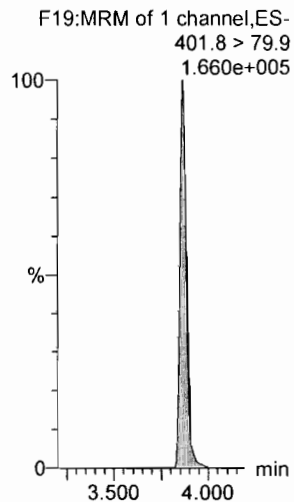
13C4-PFBA



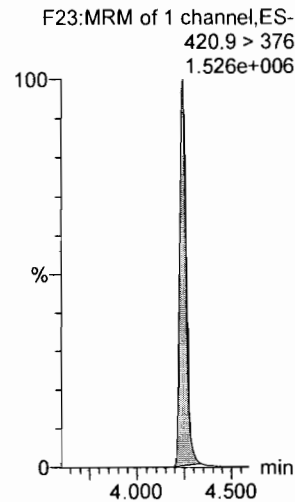
13C5-PFHxA



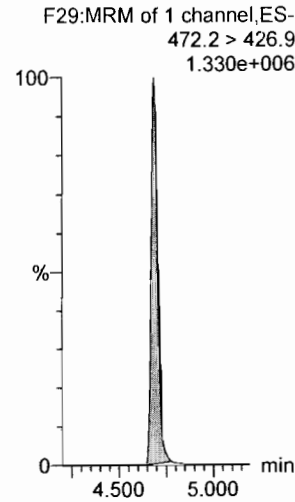
13C3-PFHxS



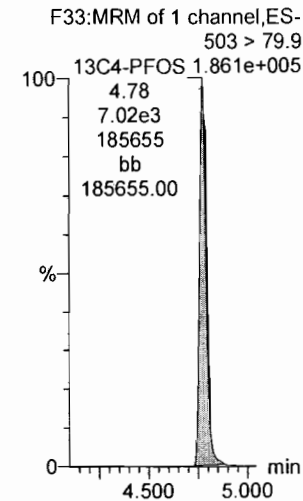
13C8-PFOA



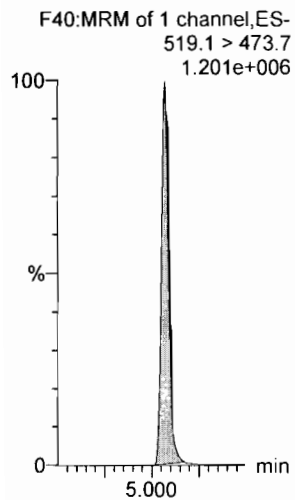
13C9-PFNA



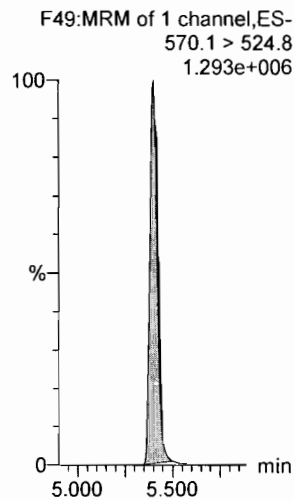
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Untitled

Last Altered: Sunday, August 26, 2018 13:16:26 Pacific Daylight Time

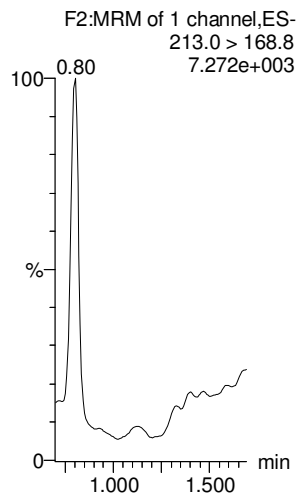
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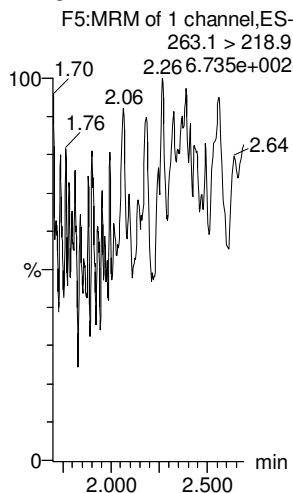
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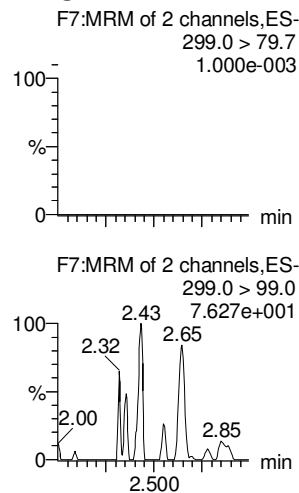
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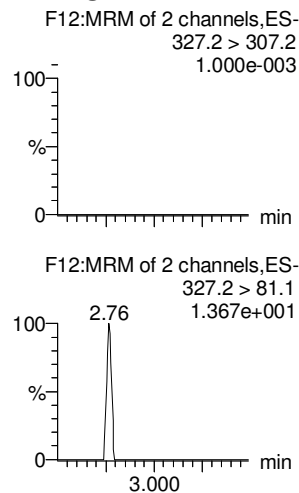
PFPeA



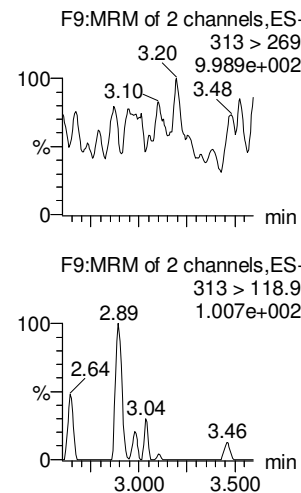
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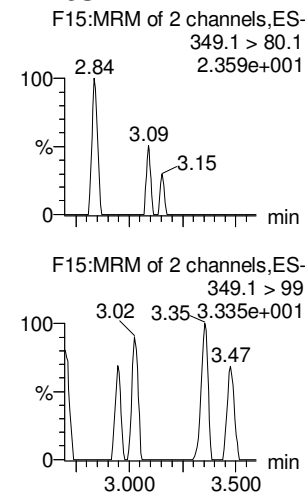
4:2 FTS



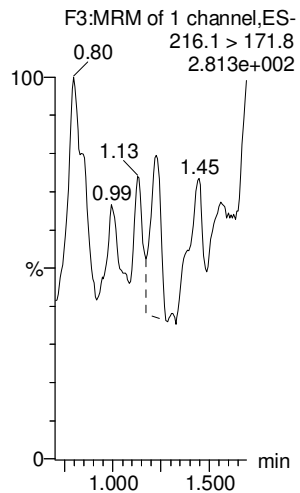
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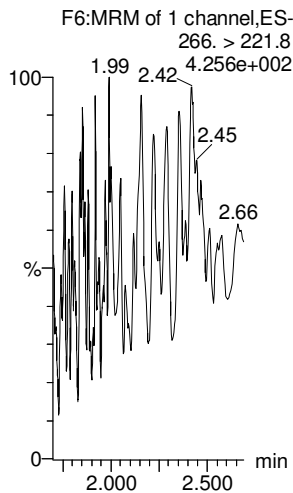
PFPeS



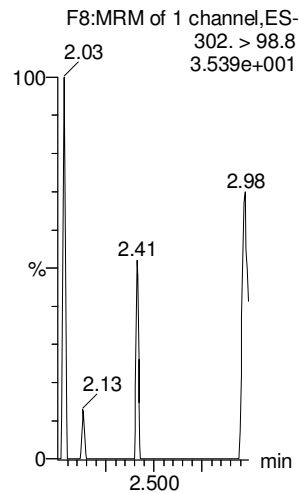
13C3-PFBA



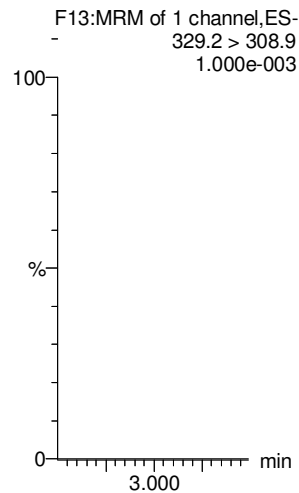
13C3-PFPeA



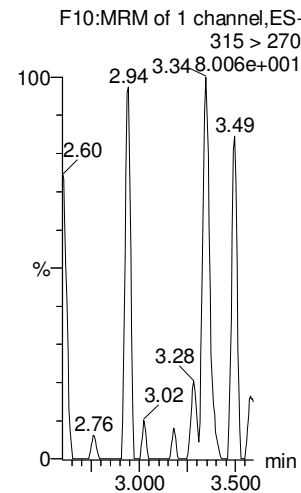
13C3-PFBS



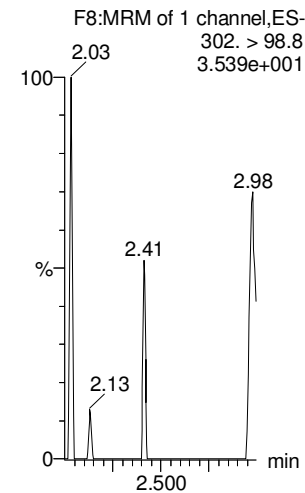
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



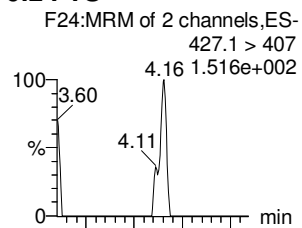
Dataset: Untitled

Last Altered: Sunday, August 26, 2018 13:16:26 Pacific Daylight Time

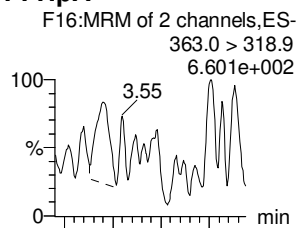
Printed: Sunday, August 26, 2018 13:16:38 Pacific Daylight Time

Name: 180825M1_12, Date: 25-Aug-2018, Time: 15:28:58, ID: IPA, Description: IPA

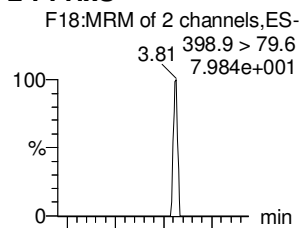
6:2 FTS



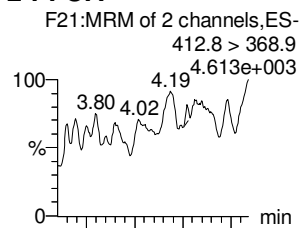
PFHpA



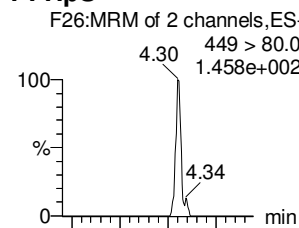
L-PFHxS



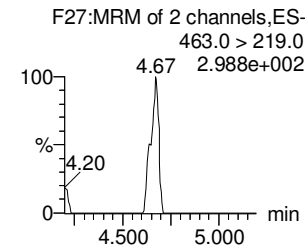
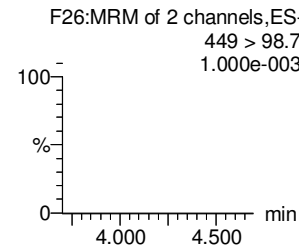
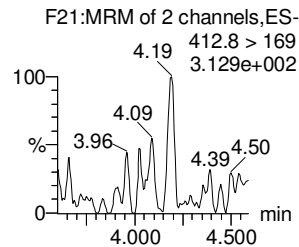
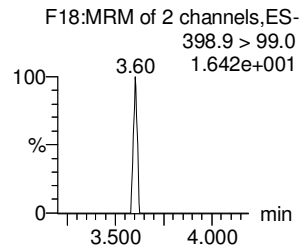
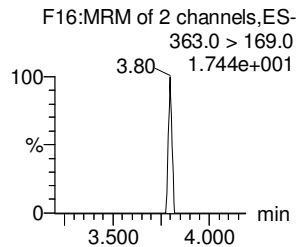
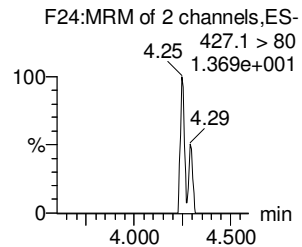
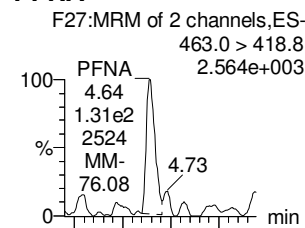
L-PFOA



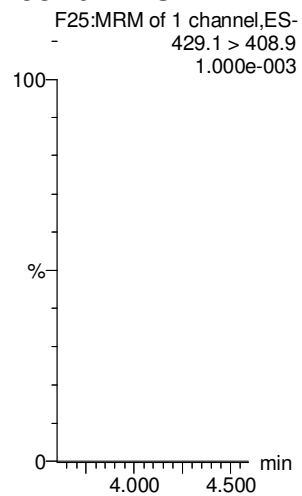
PFHpS



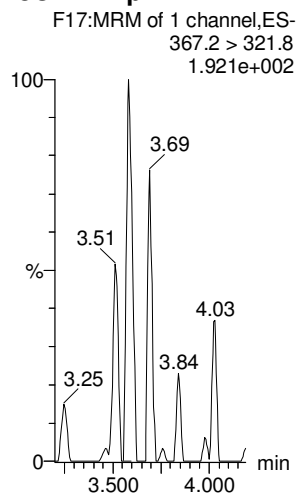
PFNA



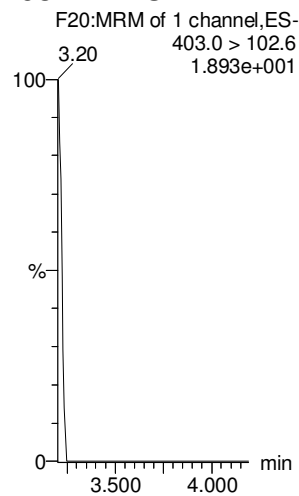
13C2-6:2 FTS



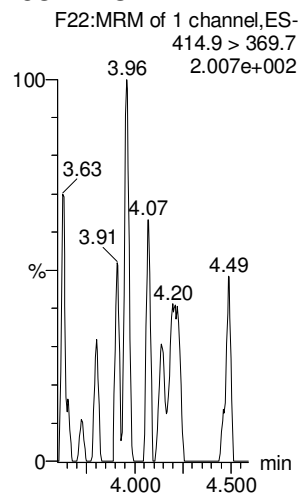
13C4-PFHpA



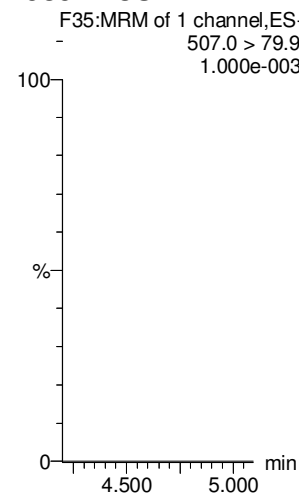
18O2-PFHxS



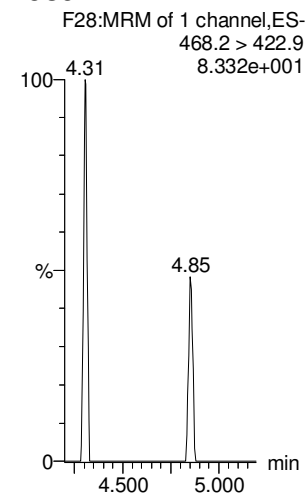
13C2-PFOA



13C8-PFOS



13C5-PFNA



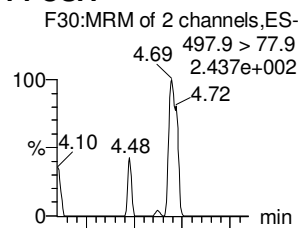
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Last Altered: Sunday, August 26, 2018 13:16:26 Pacific Daylight Time

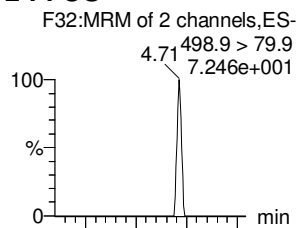
Printed: Sunday, August 26, 2018 13:16:38 Pacific Daylight Time

Name: 180825M1_12, Date: 25-Aug-2018, Time: 15:28:58, ID: IPA, Description: IPA

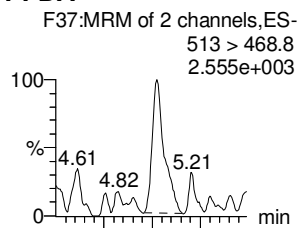
PFOSA



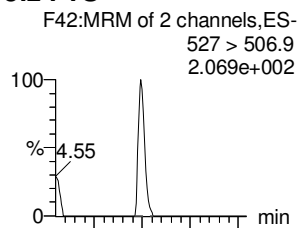
L-PFOS



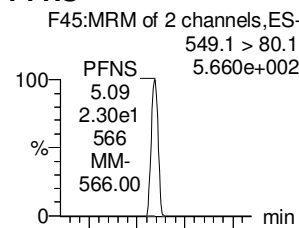
PFDA



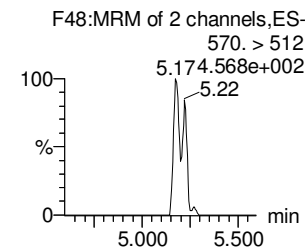
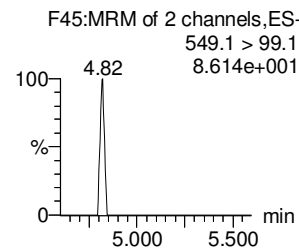
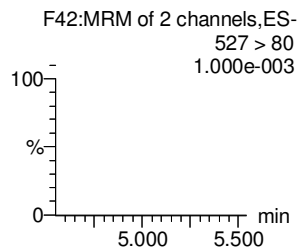
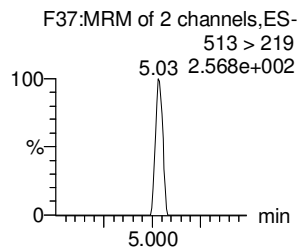
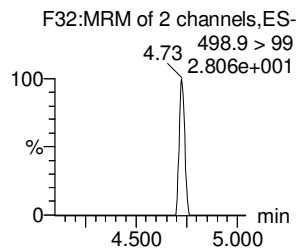
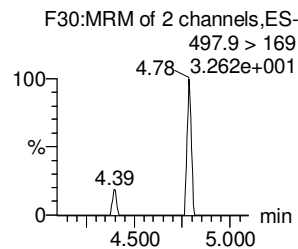
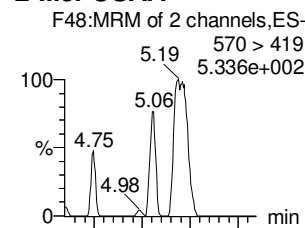
8:2 FTS



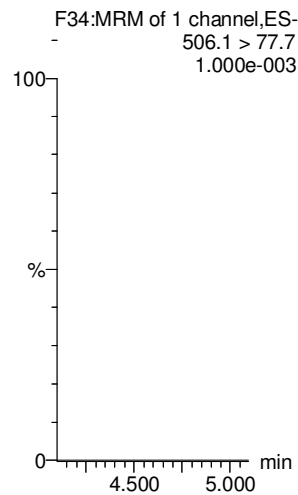
PFNS



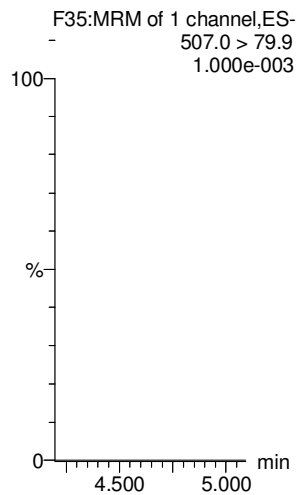
L-MeFOSAA



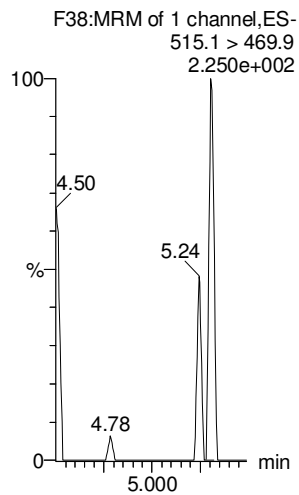
13C8-PFOA



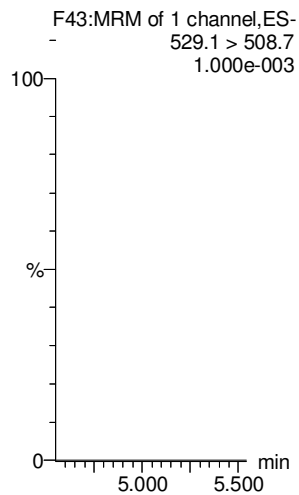
13C8-PFOS



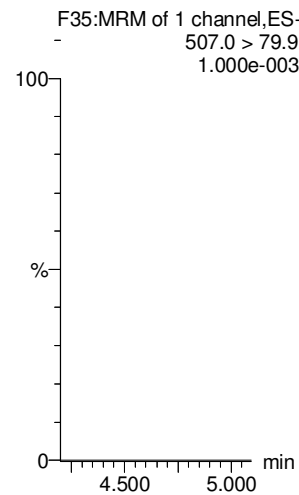
13C2-PFDA



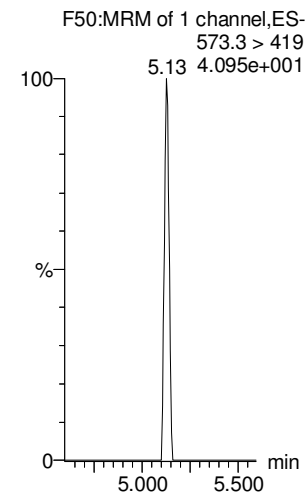
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



Dataset: Untitled

Last Altered: Sunday, August 26, 2018 13:16:26 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:16:38 Pacific Daylight Time

Name: 180825M1_12, Date: 25-Aug-2018, Time: 15:28:58, ID: IPA, Description: IPA

L-EtFOSAA

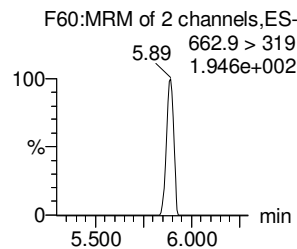
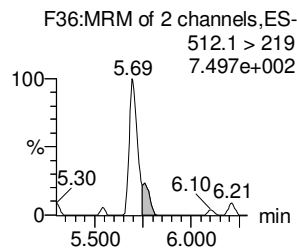
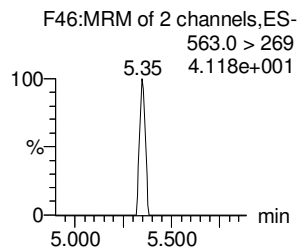
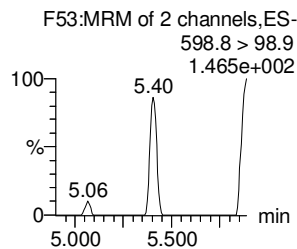
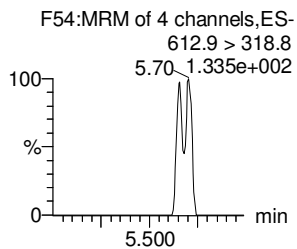
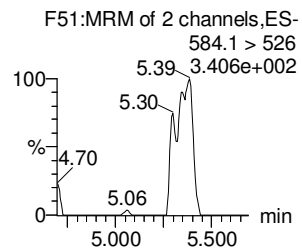
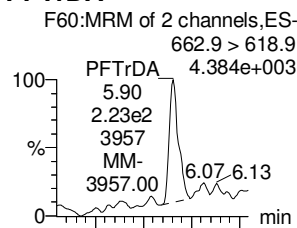
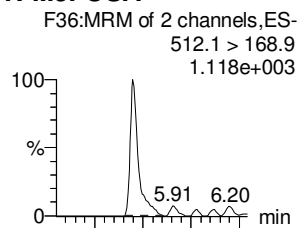
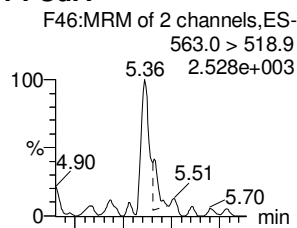
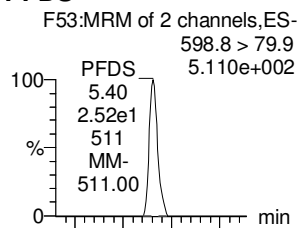
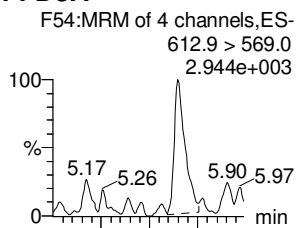
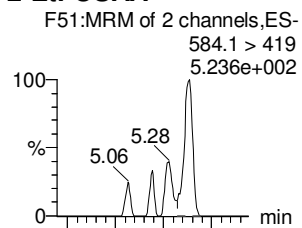
PFDoA

PFDS

PFUdA

N-MeFOSA

PFTrDA



d5-N-EtFOSAA

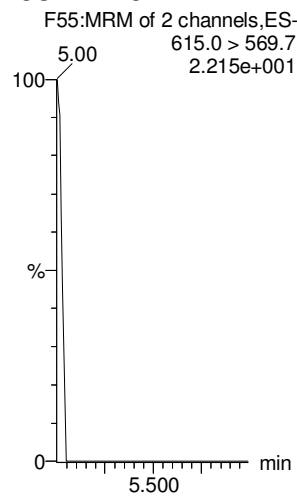
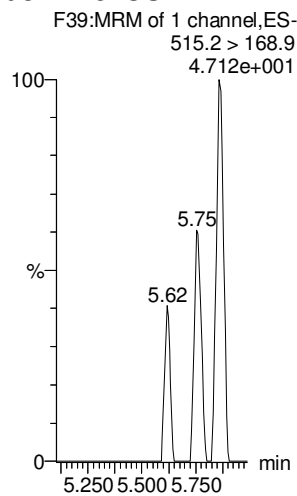
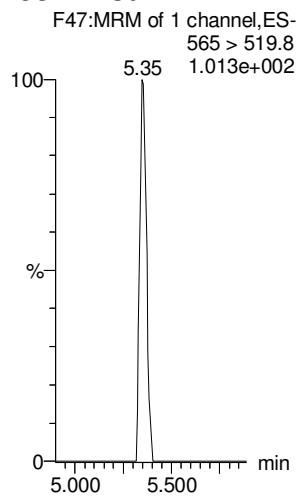
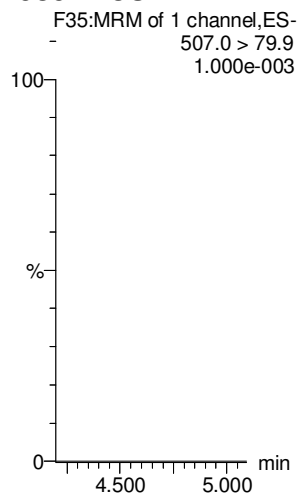
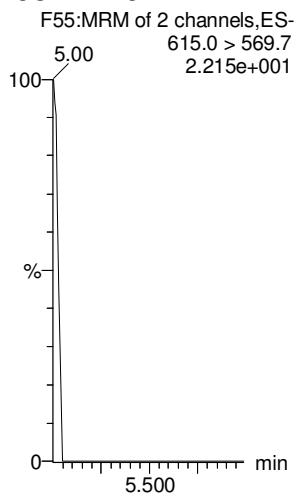
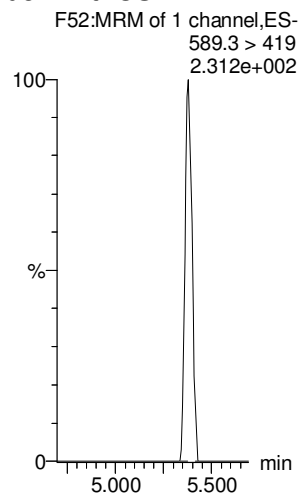
13C2-PFDoA

13C8-PFOS

13C2-PFUdA

d3-N-MeFOSA

13C2-PFDoA



Dataset: Untitled

Last Altered: Sunday, August 26, 2018 13:16:26 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:16:38 Pacific Daylight Time

Name: 180825M1_12, Date: 25-Aug-2018, Time: 15:28:58, ID: IPA, Description: IPA

PFTeDA

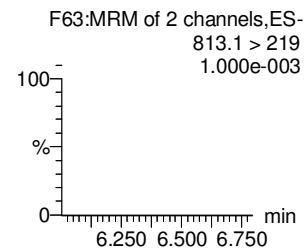
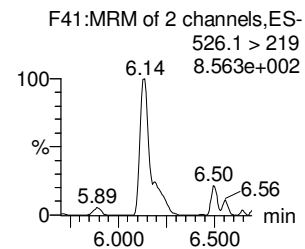
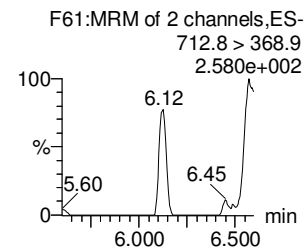
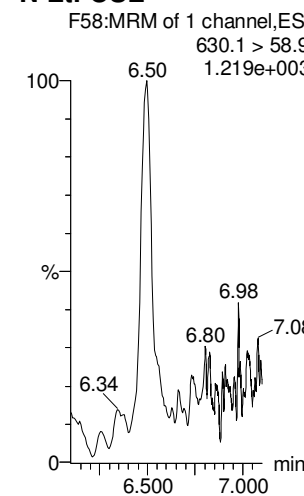
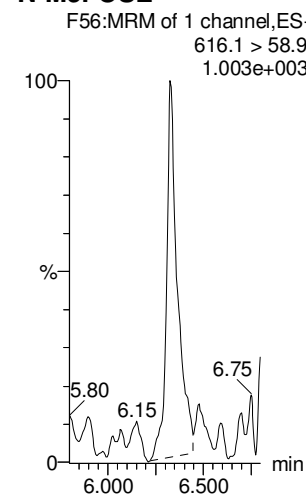
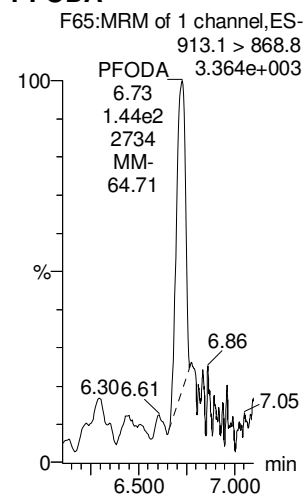
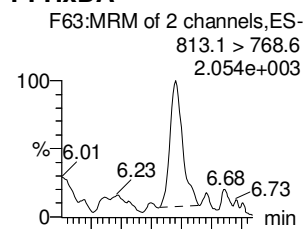
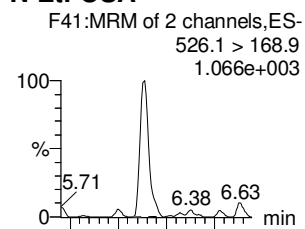
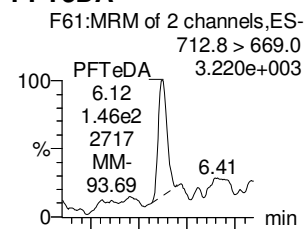
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

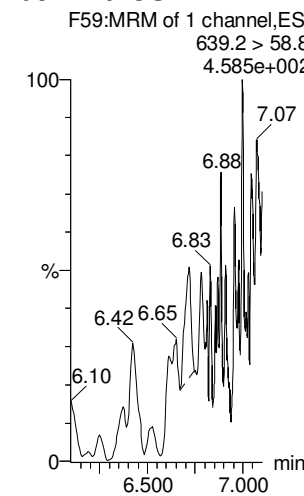
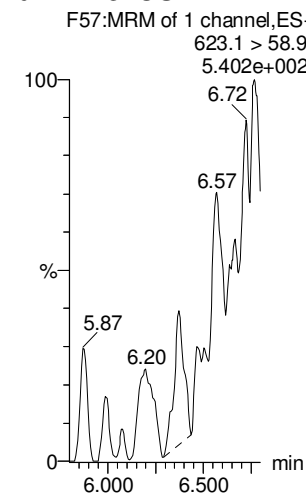
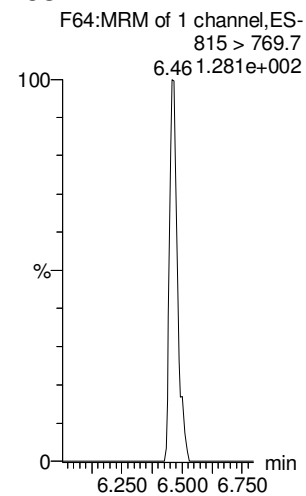
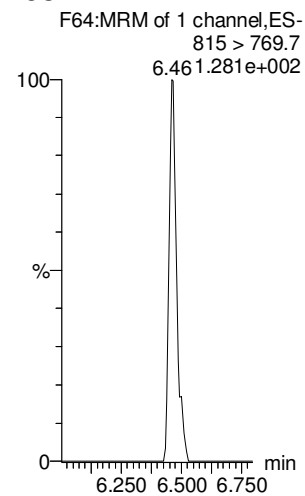
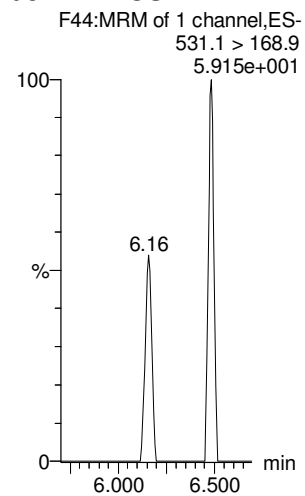
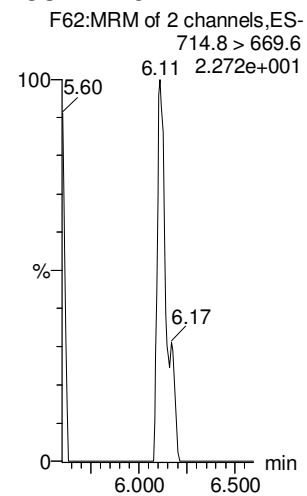
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



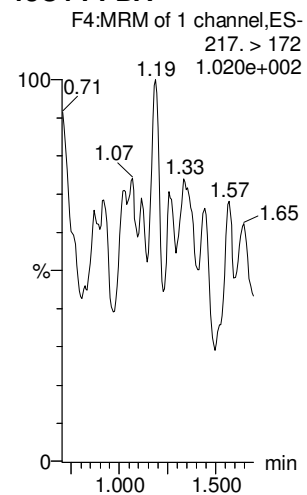
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Last Altered: Sunday, August 26, 2018 13:16:26 Pacific Daylight Time

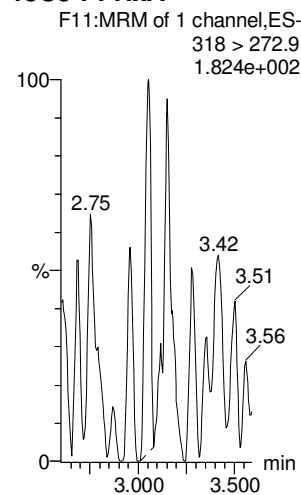
Printed: Sunday, August 26, 2018 13:16:38 Pacific Daylight Time

Name: 180825M1_12, Date: 25-Aug-2018, Time: 15:28:58, ID: IPA, Description: IPA

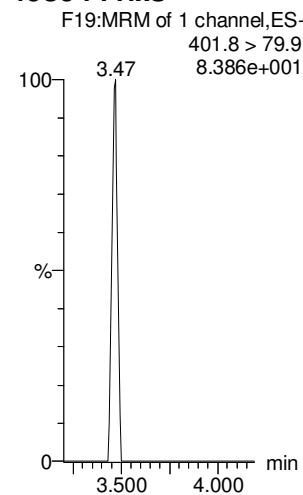
13C4-PFBA



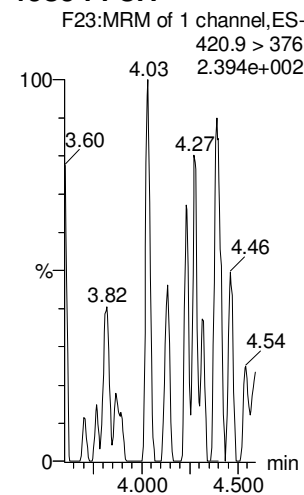
13C5-PFHxA



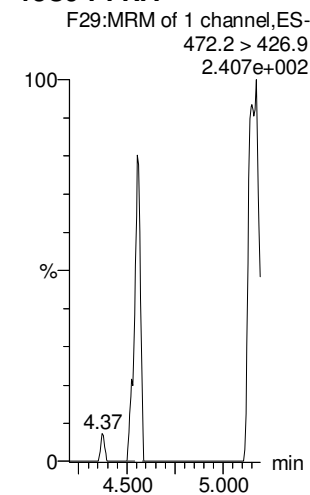
13C3-PFHxS



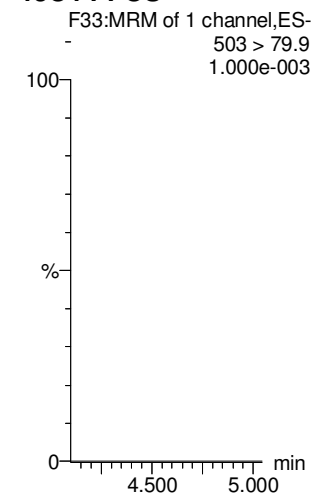
13C8-PFOA



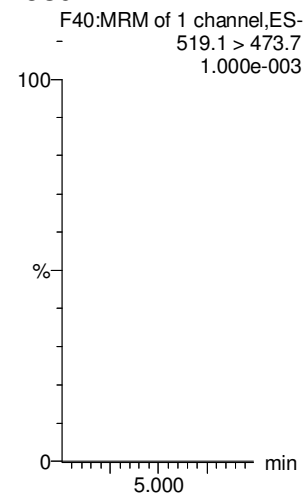
13C9-PFNA



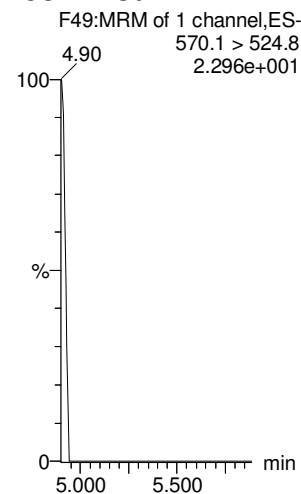
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld
 Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time
 Printed: Wednesday, September 12, 2018 16:46:14 Pacific Daylight Time

*No low pts
 appear.*
*high pt
 4:2 FTS = 100
 6:2 FTS
 8:2 FTS*

VAD 9/13/18

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 11 Sep 2018 11:40:50
 Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Compound name: PFBA
 Correlation coefficient: r = 0.999857, r² = 0.999713
 Calibration curve: 1.17754 * x + -0.0913443
 Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)
 Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

EM 9/13/18

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	1.25	156.427	10897.410	0.179	0.2	-8.0	NO	1.000	NO	MM
2	2 180912M1_3	Standard	0.500	1.25	462.213	10268.044	0.563	0.6	11.1	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	1.26	857.480	10093.516	1.062	1.0	-2.1	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	1.25	1954.539	10666.307	2.291	2.0	1.1	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	1.25	4903.843	10456.351	5.862	5.1	1.1	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	1.25	9088.571	10009.003	11.350	9.7	-2.8	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	1.26	46334.410	9755.050	59.372	50.5	1.0	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	1.25	91529.625	9734.930	117.527	99.9	-0.1	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	1.25	229850.172	10017.726	286.804	243.6	-2.5	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	1.26	463558.094	9723.280	595.938	506.2	1.2	NO	1.000	NO	bb

Compound name: PFPeA
 Coefficient of Determination: R² = 0.999904
 Calibration curve: 5.91671e-005 * x² + 0.933466 * x + 0.0224916
 Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	2.25	375.628	18726.270	0.251	0.2	-2.2	NO	1.000	NO	MM
2	2 180912M1_3	Standard	0.500	2.25	721.837	18162.152	0.497	0.5	1.6	NO	1.000	NO	MM
3	3 180912M1_4	Standard	1.000	2.25	1341.254	17624.455	0.951	1.0	-0.5	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	2.25	2849.081	19352.107	1.840	1.9	-2.6	NO	1.000	NO	MM
5	5 180912M1_6	Standard	5.000	2.25	7057.131	18331.914	4.812	5.1	2.6	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	2.25	13557.317	18277.131	9.272	9.9	-1.0	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	2.25	66818.664	17416.736	47.956	51.2	2.4	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	2.25	126895.773	16746.994	94.715	100.8	0.8	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	2.25	301418.531	16106.897	233.920	246.7	-1.3	NO	1.000	NO	bb

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Compound name: PFPeA

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
10	10 180912M1_11	Standard	500.000	2.25	553201.000	14320.664	482.870	501.3	0.3	NO	1.000	NO	bb

Compound name: PFBS

Coefficient of Determination: R² = 0.999793

Calibration curve: 0.000346701 * x² + 1.77253 * x + -0.0385365

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	2.55	73.533	2153.196	0.427	0.3	5.0	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	2.54	143.332	2175.461	0.824	0.5	-2.7	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	2.55	273.565	2099.522	1.629	0.9	-6.0	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	2.55	621.336	2207.781	3.518	2.0	0.3	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	2.54	1477.135	2106.227	8.766	5.0	-0.7	NO	1.000	NO	MM
6	6 180912M1_7	Standard	10.000	2.54	2948.590	2046.522	18.010	10.2	1.6	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	2.55	14594.957	1999.228	91.254	51.0	2.0	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	2.55	27498.656	1860.950	184.708	102.2	2.2	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	2.55	63676.797	1749.959	454.845	244.9	-2.0	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	2.55	114573.031	1466.068	976.873	501.9	0.4	NO	1.000	NO	bb

Compound name: 4:2 FTS

Coefficient of Determination: R² = 0.999631

Calibration curve: -0.00325989 * x² + 1.2916 * x + -0.0242346

Response type: Internal Std (Ref 39), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	2.97	94.451	3901.203	0.303	0.3	1.3	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	2.96	181.586	3839.507	0.591	0.5	-4.6	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	2.96	336.652	3568.622	1.179	0.9	-6.6	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	2.96	849.980	3980.285	2.669	2.1	4.8	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	2.96	2049.543	3877.667	6.607	5.2	4.0	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	2.96	3879.151	3765.351	12.878	10.3	2.5	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	2.96	17844.055	4030.748	55.337	48.9	-2.2	NO	1.000	NO	bb

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Compound name: 4:2 FTS

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
8	8 180912M1_9	Standard	100.000	2.97	32740.436	4218.010	97.026	100.8	0.8	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	2.97	72585.313	5304.272	171.054			NO	1.000	NO	bbXI
10	10 180912M1_11	Standard	500.000	2.96	126960.727	6947.065	228.443			NO	1.000	NO	bbXI

Compound name: PFHxA

Coefficient of Determination: R² = 0.999880

Calibration curve: -0.000156088 * x² + 1.0431 * x + 0.00546658

Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	3.05	713.713	12113.928	0.295	0.3	10.9	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	3.05	1230.219	12139.155	0.507	0.5	-3.9	NO	1.000	NO	MM
3	3 180912M1_4	Standard	1.000	3.05	2358.006	11520.878	1.023	1.0	-2.4	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	3.05	5210.760	12643.943	2.061	2.0	-1.5	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	3.05	12347.405	11873.776	5.199	5.0	-0.3	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	3.05	23449.168	11361.115	10.320	9.9	-1.0	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	3.05	114485.203	11211.878	51.055	49.3	-1.4	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	3.05	222469.688	10564.173	105.294	102.5	2.5	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	3.05	496174.750	9980.373	248.575	247.5	-1.0	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	3.05	905450.188	9366.906	483.324	500.9	0.2	NO	1.000	NO	bb

Compound name: PFPeS

Coefficient of Determination: R² = 0.999566

Calibration curve: 8.44322e-005 * x² + 1.68686 * x + -0.0546864

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	3.26	64.153	2153.196	0.372	0.3	1.3	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	3.26	126.331	2175.461	0.726	0.5	-7.5	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	3.26	259.263	2099.522	1.544	0.9	-5.3	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	3.26	620.159	2207.781	3.511	2.1	5.7	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	3.26	1426.284	2106.227	8.465	5.0	1.0	NO	1.000	NO	bb

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Compound name: PFPeS

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
6	6 180912M1_7	Standard	10.000	3.26	2791.540	2046.522	17.051	10.1	1.4	NO	1.000	NO	MM
7	7 180912M1_8	Standard	50.000	3.26	13911.288	1999.228	86.979	51.5	2.9	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	3.26	25973.215	1860.950	174.462	102.9	2.9	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	3.26	57929.801	1749.959	413.794	242.4	-3.0	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	3.26	102015.359	1466.068	869.804	503.0	0.6	NO	1.000	NO	bb

Compound name: PFHpA

Correlation coefficient: r = 0.999512, r² = 0.999024

Calibration curve: 1.18448 * x + -0.00620416

Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	3.67	406.300	16230.303	0.313	0.3	7.8	NO	0.999	NO	MM
2	2 180912M1_3	Standard	0.500	3.67	757.228	16218.876	0.584	0.5	-0.4	NO	0.999	NO	bb
3	3 180912M1_4	Standard	1.000	3.67	1412.747	16071.436	1.099	0.9	-6.7	NO	0.999	NO	MM
4	4 180912M1_5	Standard	2.000	3.67	3305.495	16995.211	2.431	2.1	2.9	NO	0.999	NO	bb
5	5 180912M1_6	Standard	5.000	3.67	7549.620	15773.342	5.983	5.1	1.1	NO	0.999	NO	bb
6	6 180912M1_7	Standard	10.000	3.67	14552.186	15100.140	12.046	10.2	1.8	NO	0.999	NO	bb
7	7 180912M1_8	Standard	50.000	3.67	68517.008	14996.579	57.111	48.2	-3.6	NO	0.999	NO	bb
8	8 180912M1_9	Standard	100.000	3.68	129228.820	13824.114	116.851	98.7	-1.3	NO	0.999	NO	bb
9	9 180912M1_10	Standard	250.000	3.68	295790.906	13031.004	283.738	239.6	-4.2	NO	0.999	NO	bb
10	10 180912M1_11	Standard	500.000	3.68	529221.938	10879.901	608.027	513.3	2.7	NO	0.999	NO	bb

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Compound name: L-PFHxS

Coefficient of Determination: R² = 0.999610

Calibration curve: -0.000257677 * x² + 1.77287 * x + -0.059628

Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	3.83	62.513	1908.948	0.409	0.3	5.8	NO	1.000	NO	MM
2	2 180912M1_3	Standard	0.500	3.83	119.544	1895.884	0.788	0.5	-4.4	NO	1.000	NO	MM
3	3 180912M1_4	Standard	1.000	3.83	254.589	1781.478	1.786	1.0	4.1	NO	1.000	NO	MM
4	4 180912M1_5	Standard	2.000	3.83	514.282	1950.401	3.296	1.9	-5.3	NO	1.000	NO	MM
5	5 180912M1_6	Standard	5.000	3.83	1271.456	1914.117	8.303	4.7	-5.6	NO	1.000	NO	MM
6	6 180912M1_7	Standard	10.000	3.83	2371.915	1798.958	16.481	9.3	-6.6	NO	1.000	NO	MM
7	7 180912M1_8	Standard	50.000	3.83	11839.934	1775.264	83.367	47.4	-5.2	NO	1.000	NO	MM
8	8 180912M1_9	Standard	100.000	3.83	21727.180	1506.155	180.320	103.3	3.3	NO	1.000	NO	MM
9	9 180912M1_10	Standard	250.000	3.83	52916.699	1539.248	429.729	251.6	0.7	NO	1.000	NO	MM
10	10 180912M1_11	Standard	500.000	3.83	95798.617	1460.392	819.973	498.7	-0.3	NO	1.000	NO	MM

Compound name: 6:2 FTS

Coefficient of Determination: R² = 0.999027

Calibration curve: -0.0041796 * x² + 1.5152 * x + 0.0221321

Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	4.15	139.075	3923.974	0.443	0.3	11.2	NO	0.999	NO	bb
2	2 180912M1_3	Standard	0.500	4.14	221.278	3893.594	0.710	0.5	-9.0	NO	0.999	NO	bb
3	3 180912M1_4	Standard	1.000	4.15	446.311	3848.417	1.450	0.9	-5.5	NO	0.999	NO	bb
4	4 180912M1_5	Standard	2.000	4.15	970.284	4056.927	2.990	2.0	-1.5	NO	0.999	NO	bb
5	5 180912M1_6	Standard	5.000	4.15	2460.288	3698.742	8.315	5.6	11.2	NO	0.999	NO	bb
6	6 180912M1_7	Standard	10.000	4.15	4762.211	3969.500	14.996	10.2	1.7	NO	0.999	NO	bb
7	7 180912M1_8	Standard	50.000	4.15	21087.375	4141.365	63.649	48.5	-3.1	NO	0.999	NO	bb
8	8 180912M1_9	Standard	100.000	4.15	39279.516	4442.357	110.526	101.2	1.2	NO	0.999	NO	bb
9	9 180912M1_10	Standard	250.000	4.15	85281.766	5703.784	186.897			NO	0.999	YES	bbXI
10	10 180912M1_11	Standard	500.000	4.15	153636.266	7559.555	254.043			NO	0.999	NO	MMXI

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Compound name: L-PFOA

Coefficient of Determination: R² = 0.999965

Calibration curve: $-0.000175483 * x^2 + 1.48011 * x + 0.0693927$

Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	4.21	1020.760	28744.455	0.444	0.3	1.2	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	4.21	1887.185	27586.545	0.855	0.5	6.2	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	4.21	3231.889	26758.607	1.510	1.0	-2.7	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	4.21	7191.970	29749.012	3.022	2.0	-0.2	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	4.21	16623.863	28634.199	7.257	4.9	-2.8	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	4.21	32040.477	27682.473	14.468	9.7	-2.6	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	4.21	154106.859	26081.723	73.858	50.2	0.3	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	4.21	288631.063	24405.465	147.831	101.0	1.0	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	4.21	664852.563	23247.785	357.482	248.8	-0.5	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	4.21	1193337.250	21408.572	696.764	500.4	0.1	NO	1.000	NO	bb

Compound name: PFHpS

Coefficient of Determination: R² = 0.999036

Calibration curve: $-5.0368e-006 * x^2 + 0.845952 * x + 0.0168304$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	4.32	81.541	4458.230	0.229	0.3	0.1	NO	0.999	NO	bb
2	2 180912M1_3	Standard	0.500	4.32	128.088	4557.154	0.351	0.4	-20.9	NO	0.999	NO	bb
3	3 180912M1_4	Standard	1.000	4.32	339.944	4288.360	0.991	1.2	15.1	NO	0.999	NO	bb
4	4 180912M1_5	Standard	2.000	4.32	635.599	4664.713	1.703	2.0	-0.3	NO	0.999	NO	bb
5	5 180912M1_6	Standard	5.000	4.32	1555.452	4377.011	4.442	5.2	4.6	NO	0.999	NO	bd
6	6 180912M1_7	Standard	10.000	4.32	3087.823	4529.016	8.522	10.1	0.5	NO	0.999	NO	bb
7	7 180912M1_8	Standard	50.000	4.32	13894.714	4238.600	40.977	48.4	-3.1	NO	0.999	NO	bb
8	8 180912M1_9	Standard	100.000	4.32	27519.213	3811.569	90.249	106.7	6.7	NO	0.999	NO	bb
9	9 180912M1_10	Standard	250.000	4.32	64834.320	3974.082	203.929	241.4	-3.4	NO	0.999	NO	bb
10	10 180912M1_11	Standard	500.000	4.32	116775.789	3439.790	424.357	503.1	0.6	NO	0.999	NO	bb

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Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999945$

Calibration curve: $7.05929e-005 * x^2 + 1.10954 * x + 0.0155984$

Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	4.65	645.240	29657.789	0.272	0.2	-7.6	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	4.65	1383.575	29361.340	0.589	0.5	3.4	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	4.65	2597.251	27947.555	1.162	1.0	3.3	NO	1.000	NO	bd
4	4 180912M1_5	Standard	2.000	4.65	5667.738	31217.951	2.269	2.0	1.6	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	4.65	13227.433	29099.191	5.682	5.1	2.1	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	4.65	25555.531	29051.504	10.996	9.9	-1.1	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	4.65	121349.438	27980.561	54.211	48.7	-2.6	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	4.65	224516.609	24973.025	112.380	100.6	0.6	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	4.65	519369.219	22925.627	283.182	251.2	0.5	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	4.65	922021.813	20157.686	571.756	499.4	-0.1	NO	1.000	NO	bb

Compound name: PFOSA

Coefficient of Determination: $R^2 = 0.999884$

Calibration curve: $2.19973e-005 * x^2 + 1.10259 * x + -0.0200619$

Response type: Internal Std (Ref 46), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	4.71	145.092	7322.169	0.248	0.2	-2.9	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	4.71	334.272	7431.427	0.562	0.5	5.6	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	4.71	589.553	6839.386	1.077	1.0	-0.5	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	4.71	1291.549	7614.372	2.120	1.9	-2.9	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	4.71	3140.457	7309.660	5.370	4.9	-2.2	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	4.71	6181.623	6968.926	11.088	10.1	0.7	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	4.71	30716.404	6821.759	56.284	51.0	2.0	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	4.71	56090.578	6264.385	111.924	101.3	1.3	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	4.71	128657.352	5894.702	272.824	246.2	-1.5	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	4.71	235826.156	5278.511	558.458	501.5	0.3	NO	1.000	NO	bb

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Compound name: L-PFOS

Coefficient of Determination: R² = 0.999187

Calibration curve: $4.13453e-005 * x^2 + 1.02793 * x + 0.0519652$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	4.74	113.378	4458.230	0.318	0.3	3.5	NO	0.999	NO	MM
2	2 180912M1_3	Standard	0.500	4.74	240.634	4557.154	0.660	0.6	18.3	NO	0.999	NO	MM
3	3 180912M1_4	Standard	1.000	4.74	394.373	4288.360	1.150	1.1	6.8	NO	0.999	NO	MM
4	4 180912M1_5	Standard	2.000	4.74	768.854	4664.713	2.060	2.0	-2.3	NO	0.999	NO	MM
5	5 180912M1_6	Standard	5.000	4.74	1822.256	4377.011	5.204	5.0	0.2	NO	0.999	NO	MM
6	6 180912M1_7	Standard	10.000	4.74	3383.516	4529.016	9.338	9.0	-9.7	NO	0.999	NO	MM
7	7 180912M1_8	Standard	50.000	4.74	17502.572	4238.600	51.617	50.1	0.1	NO	0.999	NO	MM
8	8 180912M1_9	Standard	100.000	4.74	33364.480	3811.569	109.418	105.9	5.9	NO	0.999	NO	MM
9	9 180912M1_10	Standard	250.000	4.74	79904.539	3974.082	251.330	242.1	-3.2	NO	0.999	NO	MM
10	10 180912M1_11	Standard	500.000	4.74	145099.141	3439.790	527.282	502.7	0.5	NO	0.999	NO	MM

Compound name: PFDA

Coefficient of Determination: R² = 0.999864

Calibration curve: $-3.22197e-005 * x^2 + 1.39633 * x + 0.0226118$

Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.03	729.485	25985.822	0.351	0.2	-6.0	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	5.03	1575.616	26868.094	0.733	0.5	1.8	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	5.03	2839.823	25188.646	1.409	1.0	-0.7	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	5.03	6199.658	27360.838	2.832	2.0	0.6	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	5.03	14848.986	26275.346	7.064	5.0	0.9	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	5.03	28181.576	24667.375	14.281	10.2	2.1	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	5.03	132406.422	22919.855	72.212	51.8	3.5	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	5.03	255212.563	23438.123	136.110	97.7	-2.3	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	5.03	589107.875	21213.297	347.134	250.0	0.0	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	5.03	980690.688	17753.086	690.507	500.3	0.1	NO	1.000	NO	bb

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Compound name: 8:2 FTS

Coefficient of Determination: R² = 0.999431

Calibration curve: -0.00328761 * x² + 1.32635 * x + 0.0644627

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.00	82.180	3240.076	0.317	0.2	-23.8	NO	0.999	NO	bb
2	2 180912M1_3	Standard	0.500	5.00	188.874	3033.587	0.778	0.5	7.8	NO	0.999	NO	bb
3	3 180912M1_4	Standard	1.000	5.00	389.823	3197.228	1.524	1.1	10.3	NO	0.999	NO	bb
4	4 180912M1_5	Standard	2.000	5.00	727.265	3320.207	2.738	2.0	1.3	NO	0.999	NO	MM
5	5 180912M1_6	Standard	5.000	5.00	1822.818	3321.352	6.860	5.2	3.8	NO	0.999	NO	bb
6	6 180912M1_7	Standard	10.000	5.00	3511.036	3302.401	13.290	10.2	2.3	NO	0.999	NO	bb
7	7 180912M1_8	Standard	50.000	5.00	16594.160	3646.098	56.890	48.7	-2.5	NO	0.999	NO	bb
8	8 180912M1_9	Standard	100.000	5.00	32072.051	3992.380	100.416	100.9	0.9	NO	0.999	NO	bb
9	9 180912M1_10	Standard	250.000	5.00	69711.211	5164.687	168.721			NO	0.999	NO	bbXI
10	10 180912M1_11	Standard	500.000	5.00	115448.594	6754.611	213.648			NO	0.999	NO	bbXI

Compound name: PFNS

Coefficient of Determination: R² = 0.998373

Calibration curve: -2.83541e-005 * x² + 0.841074 * x + -0.0220191

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.10	69.115	4458.230	0.194	0.3	2.6	NO	0.998	NO	MM
2	2 180912M1_3	Standard	0.500	5.10	123.622	4557.154	0.339	0.4	-14.1	NO	0.998	NO	bb
3	3 180912M1_4	Standard	1.000	5.09	303.408	4288.360	0.884	1.1	7.8	NO	0.998	NO	bb
4	4 180912M1_5	Standard	2.000	5.09	587.463	4664.713	1.574	1.9	-5.1	NO	0.998	NO	bb
5	5 180912M1_6	Standard	5.000	5.09	1572.816	4377.011	4.492	5.4	7.4	NO	0.998	NO	bb
6	6 180912M1_7	Standard	10.000	5.09	2937.568	4529.016	8.108	9.7	-3.3	NO	0.998	NO	MM
7	7 180912M1_8	Standard	50.000	5.09	14441.595	4238.600	42.590	50.8	1.5	NO	0.998	NO	bb
8	8 180912M1_9	Standard	100.000	5.10	27518.826	3811.569	90.248	107.7	7.7	NO	0.998	NO	bb
9	9 180912M1_10	Standard	250.000	5.10	62666.816	3974.082	197.111	236.3	-5.5	NO	0.998	NO	bb
10	10 180912M1_11	Standard	500.000	5.10	114960.273	3439.790	417.759	505.3	1.1	NO	0.998	NO	bb

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Compound name: L-MeFOSAA

Coefficient of Determination: R² = 0.999647

Calibration curve: -0.000156319 * x² + 1.65333 * x + -0.0630151

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.18	193.383	7897.722	0.306	0.2	-10.7	NO	1.000	NO	MM
2	2 180912M1_3	Standard	0.500	5.18	542.179	7723.013	0.878	0.6	13.8	NO	1.000	NO	MM
3	3 180912M1_4	Standard	1.000	5.18	878.997	7137.133	1.539	1.0	-3.1	NO	1.000	NO	MM
4	4 180912M1_5	Standard	2.000	5.18	1980.960	8063.670	3.071	1.9	-5.2	NO	1.000	NO	MM
5	5 180912M1_6	Standard	5.000	5.18	4607.822	7376.523	7.808	4.8	-4.7	NO	1.000	NO	MM
6	6 180912M1_7	Standard	10.000	5.18	9347.025	7349.308	15.898	9.7	-3.4	NO	1.000	NO	MM
7	7 180912M1_8	Standard	50.000	5.18	47152.895	7296.082	80.785	49.1	-1.7	NO	1.000	NO	MM
8	8 180912M1_9	Standard	100.000	5.18	86839.945	6787.723	159.921	97.7	-2.3	NO	1.000	NO	MM
9	9 180912M1_10	Standard	250.000	5.18	201372.359	6075.668	414.301	256.9	2.7	NO	1.000	NO	MM
10	10 180912M1_11	Standard	500.000	5.18	349510.281	5579.384	783.040	497.0	-0.6	NO	1.000	NO	MM

Compound name: L-EtFOSAA

Coefficient of Determination: R² = 0.999497

Calibration curve: 4.94956e-005 * x² + 1.05362 * x + -0.0169817

Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.34	166.082	9897.879	0.210	0.2	-13.9	NO	0.999	NO	MM
2	2 180912M1_3	Standard	0.500	5.34	407.403	9395.542	0.542	0.5	6.1	NO	0.999	NO	MM
3	3 180912M1_4	Standard	1.000	5.34	746.697	8806.795	1.060	1.0	2.2	NO	0.999	NO	MM
4	4 180912M1_5	Standard	2.000	5.34	1739.819	10108.333	2.151	2.1	2.9	NO	0.999	NO	MM
5	5 180912M1_6	Standard	5.000	5.34	4015.136	9367.184	5.358	5.1	2.0	NO	0.999	NO	MM
6	6 180912M1_7	Standard	10.000	5.34	7574.232	9128.894	10.371	9.9	-1.5	NO	0.999	NO	MM
7	7 180912M1_8	Standard	50.000	5.34	36757.270	8710.349	52.749	50.0	-0.1	NO	0.999	NO	MM
8	8 180912M1_9	Standard	100.000	5.34	70091.547	7909.928	110.765	104.6	4.6	NO	0.999	NO	MM
9	9 180912M1_10	Standard	250.000	5.34	152497.641	7371.267	258.601	242.7	-2.9	NO	0.999	NO	MM
10	10 180912M1_11	Standard	500.000	5.34	265914.625	6131.285	542.127	502.7	0.5	NO	0.999	NO	MM

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Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 11 Sep 2018 11:40:50

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Compound name: PFUDa

Coefficient of Determination: R² = 0.999961

Calibration curve: $-0.000163449 * x^2 + 0.950495 * x + 0.0386271$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.36	805.090	34817.031	0.289	0.3	5.4	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	5.36	1449.787	34922.332	0.519	0.5	1.1	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	5.36	2456.610	33504.820	0.917	0.9	-7.6	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	5.36	5479.579	36187.828	1.893	2.0	-2.4	NO	1.000	NO	MM
5	5 180912M1_6	Standard	5.000	5.36	13583.671	33662.742	5.044	5.3	5.4	NO	1.000	NO	MM
6	6 180912M1_7	Standard	10.000	5.36	24794.855	32929.047	9.412	9.9	-1.2	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	5.36	116552.000	31069.396	46.892	49.7	-0.6	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	5.36	222067.266	29817.691	93.094	99.6	-0.4	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	5.36	486380.719	26617.352	228.413	251.1	0.4	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	5.36	830213.563	23909.529	434.039	499.5	-0.1	NO	1.000	NO	bb

Compound name: PFDS

Coefficient of Determination: R² = 0.999340

Calibration curve: $-8.07848e-005 * x^2 + 1.04627 * x + 0.052622$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.41	120.743	4458.230	0.339	0.3	9.3	NO	0.999	NO	bb
2	2 180912M1_3	Standard	0.500	5.41	172.483	4557.154	0.473	0.4	-19.6	NO	0.999	NO	bb
3	3 180912M1_4	Standard	1.000	5.41	377.196	4288.360	1.099	1.0	0.1	NO	0.999	NO	bb
4	4 180912M1_5	Standard	2.000	5.41	795.047	4664.713	2.130	2.0	-0.7	NO	0.999	NO	bb
5	5 180912M1_6	Standard	5.000	5.41	2036.323	4377.011	5.815	5.5	10.2	NO	0.999	NO	bb
6	6 180912M1_7	Standard	10.000	5.41	3687.981	4529.016	10.179	9.7	-3.1	NO	0.999	NO	bb
7	7 180912M1_8	Standard	50.000	5.41	18255.447	4238.600	53.837	51.6	3.2	NO	0.999	NO	bb
8	8 180912M1_9	Standard	100.000	5.41	32759.174	3811.569	107.433	103.5	3.5	NO	0.999	NO	bb
9	9 180912M1_10	Standard	250.000	5.41	78728.922	3974.082	247.632	241.1	-3.6	NO	0.999	NO	bb

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Compound name: PFDS

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
10	10 180912M1_11	Standard	500.000	5.41	139402.859	3439.790	506.582	503.7	0.7	NO	0.999	NO	bb

Compound name: PFDoA

Coefficient of Determination: R² = 0.999936

Calibration curve: -0.000143708 * x² + 1.21707 * x + 0.0323973

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.64	802.778	30525.887	0.329	0.2	-2.6	NO	1.000	NO	bd
2	2 180912M1_3	Standard	0.500	5.64	1581.934	31659.500	0.625	0.5	-2.7	NO	1.000	NO	bd
3	3 180912M1_4	Standard	1.000	5.64	3049.783	30755.609	1.240	1.0	-0.8	NO	1.000	NO	bd
4	4 180912M1_5	Standard	2.000	5.64	6411.266	32597.236	2.459	2.0	-0.3	NO	1.000	NO	bd
5	5 180912M1_6	Standard	5.000	5.64	15787.006	31831.096	6.200	5.1	1.4	NO	1.000	NO	bd
6	6 180912M1_7	Standard	10.000	5.64	30345.727	29531.867	12.844	10.5	5.4	NO	1.000	NO	bd
7	7 180912M1_8	Standard	50.000	5.64	140811.391	29254.750	60.166	49.7	-0.6	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	5.64	270766.656	27916.094	121.241	100.8	0.8	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	5.64	620887.750	26480.129	293.091	248.1	-0.8	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	5.64	1084359.750	23631.158	573.586	500.9	0.2	NO	1.000	NO	bb

Compound name: N-MeFOSA

Coefficient of Determination: R² = 0.999804

Calibration curve: -5.31562e-005 * x² + 0.92622 * x + 0.298865

Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	1.250	5.74	187.534	19644.328	1.432	1.2	-2.1	NO	1.000	NO	bb
2	2 180912M1_3	Standard	2.500	5.74	369.756	18826.652	2.946	2.9	14.3	NO	1.000	NO	bb
3	3 180912M1_4	Standard	5.000	5.74	613.643	18524.590	4.969	5.0	0.9	NO	1.000	NO	bb
4	4 180912M1_5	Standard	10.000	5.74	1256.832	19988.469	9.432	9.9	-1.3	NO	1.000	NO	bb
5	5 180912M1_6	Standard	25.000	5.74	3271.005	19105.801	25.681	27.4	9.8	NO	1.000	NO	MM
6	6 180912M1_7	Standard	50.000	5.74	6217.256	19151.689	48.695	52.4	4.8	NO	1.000	NO	MM
7	7 180912M1_8	Standard	250.000	5.74	29578.984	19137.604	231.839	253.7	1.5	NO	1.000	NO	bb

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Compound name: N-MeFOSA

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
8	8 180912M1_9	Standard	500.000	5.74	56238.625	19109.516	441.445	490.1	-2.0	NO	1.000	NO	bb
9	9 180912M1_10	Standard	1250.000	5.74	127889.844	17867.102	1073.676	1248.3	-0.1	NO	1.000	NO	bb
10	10 180912M1_11	Standard	2500.000	5.74	227023.375	17149.965	1985.631	2503.0	0.1	NO	1.000	NO	bb

Compound name: PFTrDA

Coefficient of Determination: R² = 0.999664

Calibration curve: $-0.000137475 * x^2 + 1.28075 * x + 0.0670487$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.90	855.995	30525.887	0.351	0.2	-11.5	NO	1.000	NO	bd
2	2 180912M1_3	Standard	0.500	5.90	1695.473	31659.500	0.669	0.5	-5.9	NO	1.000	NO	bd
3	3 180912M1_4	Standard	1.000	5.89	3307.997	30755.609	1.344	1.0	-0.2	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	5.90	7162.028	32597.236	2.746	2.1	4.6	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	5.90	17189.748	31831.096	6.750	5.2	4.4	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	5.90	32218.146	29531.867	13.637	10.6	6.1	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	5.90	155466.719	29254.750	66.428	52.1	4.2	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	5.90	283417.656	27916.094	126.906	100.1	0.1	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	5.90	645010.375	26480.129	304.478	244.1	-2.4	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	5.90	1151977.500	23631.158	609.353	502.9	0.6	NO	1.000	NO	bb

Compound name: PFTeDA

Coefficient of Determination: R² = 0.999789

Calibration curve: $-0.00058139 * x^2 + 1.88165 * x + 0.063267$

Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	6.11	863.380	19889.551	0.543	0.3	1.9	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	6.11	1620.277	19755.086	1.025	0.5	2.3	NO	1.000	NO	bd
3	3 180912M1_4	Standard	1.000	6.11	3023.642	20419.287	1.851	1.0	-5.0	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	6.11	6270.568	21034.957	3.726	1.9	-2.6	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	6.11	15999.419	20323.273	9.841	5.2	4.1	NO	1.000	NO	bb

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Compound name: PFTeDA

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
6	6 180912M1_7	Standard	10.000	6.11	29393.746	20259.123	18.136	9.6	-3.7	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	6.11	144793.203	18869.959	95.915	51.8	3.5	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	6.11	283380.563	19272.600	183.798	100.8	0.8	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	6.11	620322.938	18157.967	427.032	245.5	-1.8	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	6.11	1101542.875	17243.756	798.509	502.3	0.5	NO	1.000	NO	bb

Compound name: N-EtFOSA

Coefficient of Determination: R^2 = 0.999918

Calibration curve: $-2.14225e-005 * x^2 + 0.832258 * x + 0.10336$

Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	1.250	6.17	161.415	22478.059	1.077	1.2	-6.4	NO	1.000	NO	bb
2	2 180912M1_3	Standard	2.500	6.16	291.472	22480.467	1.945	2.2	-11.5	NO	1.000	NO	bb
3	3 180912M1_4	Standard	5.000	6.16	641.180	21698.721	4.432	5.2	4.0	NO	1.000	NO	bb
4	4 180912M1_5	Standard	10.000	6.16	1423.922	23310.674	9.163	10.9	8.9	NO	1.000	NO	bb
5	5 180912M1_6	Standard	25.000	6.16	3143.098	22337.158	21.107	25.3	1.0	NO	1.000	NO	bb
6	6 180912M1_7	Standard	50.000	6.16	6331.829	22076.574	43.022	51.6	3.3	NO	1.000	NO	bb
7	7 180912M1_8	Standard	250.000	6.16	30528.770	21760.229	210.444	254.4	1.8	NO	1.000	NO	bb
8	8 180912M1_9	Standard	500.000	6.16	57685.309	21175.230	408.628	497.2	-0.6	NO	1.000	NO	bb
9	9 180912M1_10	Standard	1250.000	6.16	127892.750	19188.418	999.765	1240.8	-0.7	NO	1.000	NO	bb
10	10 180912M1_11	Standard	2500.000	6.16	224716.703	17281.408	1950.507	2505.0	0.2	NO	1.000	NO	bb

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Compound name: PFHxDA

Coefficient of Determination: R² = 0.999915

Calibration curve: -0.000148179 * x² + 0.580035 * x + 0.0666228

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	6.46	416.383	10309.527	0.202	0.2	-6.7	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	6.45	765.454	10498.073	0.365	0.5	2.7	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	6.45	1391.239	10654.145	0.653	1.0	1.1	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	6.46	2848.834	11198.609	1.272	2.1	4.0	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	6.46	6470.302	10939.300	2.957	5.0	-0.2	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	6.45	12685.838	10778.348	5.885	10.1	0.6	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	6.46	58760.246	10541.097	27.872	48.5	-2.9	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	6.46	113622.516	9904.744	57.358	101.4	1.4	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	6.46	265801.156	9778.109	135.916	250.2	0.1	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	6.45	465989.469	9212.334	252.916	499.7	-0.1	NO	1.000	NO	bb

Compound name: PFODA

Coefficient of Determination: R² = 0.999948

Calibration curve: -0.000184516 * x² + 0.859148 * x + 0.0222847

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	6.69	475.054	10309.527	0.230	0.2	-3.1	NO	1.000	NO	MM
2	2 180912M1_3	Standard	0.500	6.69	1116.858	10498.073	0.532	0.6	18.7	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	6.69	1807.999	10654.145	0.848	1.0	-3.8	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	6.69	3769.366	11198.609	1.683	1.9	-3.3	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	6.69	9848.979	10939.300	4.502	5.2	4.4	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	6.69	18063.643	10778.348	8.380	9.7	-2.5	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	6.69	89823.281	10541.097	42.606	50.1	0.2	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	6.69	166233.000	9904.744	83.916	99.8	-0.2	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	6.69	397935.375	9778.109	203.483	250.3	0.1	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	6.69	706390.188	9212.334	383.394	499.9	-0.0	NO	1.000	NO	bb

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Compound name: N-MeFOSE

Coefficient of Determination: $R^2 = 0.999951$

Calibration curve: $3.22526e-006 * x^2 + 0.910065 * x - 0.0398899$

Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	1.250	6.35	123.308	18906.707	0.978	1.1	-10.5	NO	1.000	NO	MM
2	2 180912M1_3	Standard	2.500	6.35	286.322	18615.186	2.307	2.6	3.2	NO	1.000	NO	MM
3	3 180912M1_4	Standard	5.000	6.35	544.309	17766.971	4.595	5.1	1.9	NO	1.000	NO	bb
4	4 180912M1_5	Standard	10.000	6.35	1209.468	19446.854	9.329	10.3	2.9	NO	1.000	NO	MM
5	5 180912M1_6	Standard	25.000	6.35	2890.381	18834.365	23.019	25.3	1.3	NO	1.000	NO	MM
6	6 180912M1_7	Standard	50.000	6.35	5689.669	18367.531	46.465	51.1	2.2	NO	1.000	NO	bb
7	7 180912M1_8	Standard	250.000	6.35	27996.736	18795.557	223.431	245.3	-1.9	NO	1.000	NO	bb
8	8 180912M1_9	Standard	500.000	6.35	55888.836	18183.203	461.048	505.7	1.1	NO	1.000	NO	bb
9	9 180912M1_10	Standard	1250.000	6.35	134926.813	17774.338	1138.665	1245.7	-0.3	NO	1.000	NO	bb
10	10 180912M1_11	Standard	2500.000	6.35	269854.406	17625.346	2296.588	2501.4	0.1	NO	1.000	NO	bb

Compound name: N-EtFOSE

Coefficient of Determination: $R^2 = 0.999995$

Calibration curve: $-1.431e-005 * x^2 + 1.129 * x + 0.148136$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	1.250	6.50	198.782	18264.031	1.633	1.3	5.2	NO	1.000	NO	bb
2	2 180912M1_3	Standard	2.500	6.50	349.284	18053.723	2.902	2.4	-2.4	NO	1.000	NO	MM
3	3 180912M1_4	Standard	5.000	6.50	668.762	17382.154	5.771	5.0	-0.4	NO	1.000	NO	MM
4	4 180912M1_5	Standard	10.000	6.50	1428.284	19003.029	11.274	9.9	-1.4	NO	1.000	NO	bb
5	5 180912M1_6	Standard	25.000	6.50	3382.010	18186.723	27.894	24.6	-1.7	NO	1.000	NO	bb
6	6 180912M1_7	Standard	50.000	6.50	6752.569	17839.256	56.778	50.2	0.4	NO	1.000	NO	bb
7	7 180912M1_8	Standard	250.000	6.50	33464.320	17766.961	282.527	250.9	0.4	NO	1.000	NO	bb
8	8 180912M1_9	Standard	500.000	6.50	65713.031	17554.250	561.514	500.4	0.1	NO	1.000	NO	bb
9	9 180912M1_10	Standard	1250.000	6.50	159076.469	17199.387	1387.344	1248.5	-0.1	NO	1.000	NO	bb
10	10 180912M1_11	Standard	2500.000	6.50	310971.406	17062.230	2733.858	2500.6	0.0	NO	1.000	NO	bb

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Compound name: 13C3-PFBA

Response Factor: 0.760839

RRF SD: 0.00796037, Relative SD: 1.04626

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	1.24	10897.410	14256.928	9.554	12.6	0.5	NO		NO	bb
2	2 180912M1_3	Standard	12.500	1.24	10268.044	13481.462	9.521	12.5	0.1	NO		NO	bb
3	3 180912M1_4	Standard	12.500	1.26	10093.516	13434.227	9.392	12.3	-1.3	NO		NO	bb
4	4 180912M1_5	Standard	12.500	1.24	10666.307	14012.183	9.515	12.5	0.0	NO		NO	bb
5	5 180912M1_6	Standard	12.500	1.25	10456.351	13872.053	9.422	12.4	-0.9	NO		NO	bb
6	6 180912M1_7	Standard	12.500	1.24	10009.003	12999.652	9.624	12.6	1.2	NO		NO	bb
7	7 180912M1_8	Standard	12.500	1.26	9755.050	12985.019	9.391	12.3	-1.3	NO		NO	bb
8	8 180912M1_9	Standard	12.500	1.25	9734.930	12905.102	9.429	12.4	-0.9	NO		NO	bb
9	9 180912M1_10	Standard	12.500	1.24	10017.726	12949.625	9.670	12.7	1.7	NO		NO	bb
10	10 180912M1_11	Standard	12.500	1.26	9723.280	12678.084	9.587	12.6	0.8	NO		NO	bb

Compound name: 13C3-PFPeA

Response Factor: 0.549401

RRF SD: 0.0172691, Relative SD: 3.14327

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	2.25	18726.270	34614.539	6.762	12.3	-1.5	NO		NO	bb
2	2 180912M1_3	Standard	12.500	2.25	18162.152	34335.520	6.612	12.0	-3.7	NO		NO	bb
3	3 180912M1_4	Standard	12.500	2.25	17624.455	32683.473	6.741	12.3	-1.8	NO		NO	bb
4	4 180912M1_5	Standard	12.500	2.25	19352.107	35909.898	6.736	12.3	-1.9	NO		NO	bb
5	5 180912M1_6	Standard	12.500	2.25	18331.914	33886.867	6.762	12.3	-1.5	NO		NO	bb
6	6 180912M1_7	Standard	12.500	2.25	18277.131	32678.898	6.991	12.7	1.8	NO		NO	bb
7	7 180912M1_8	Standard	12.500	2.25	17416.736	32239.291	6.753	12.3	-1.7	NO		NO	bb
8	8 180912M1_9	Standard	12.500	2.25	16746.994	30516.027	6.860	12.5	-0.1	NO		NO	bb
9	9 180912M1_10	Standard	12.500	2.25	16106.897	28115.084	7.161	13.0	4.3	NO		NO	bb
10	10 180912M1_11	Standard	12.500	2.25	14320.664	24533.816	7.296	13.3	6.2	NO		NO	bd

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Compound name: 13C3-PFBS

Response Factor: 0.533971

RRF SD: 0.0142867, Relative SD: 2.67556

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	2.55	2153.196	3933.582	6.842	12.8	2.5	NO		NO	MM
2	2 180912M1_3	Standard	12.500	2.55	2175.461	4036.466	6.737	12.6	0.9	NO		NO	bb
3	3 180912M1_4	Standard	12.500	2.55	2099.522	3757.405	6.985	13.1	4.6	NO		NO	bb
4	4 180912M1_5	Standard	12.500	2.55	2207.781	4151.548	6.647	12.4	-0.4	NO		NO	MM
5	5 180912M1_6	Standard	12.500	2.55	2106.227	3933.483	6.693	12.5	0.3	NO		NO	bb
6	6 180912M1_7	Standard	12.500	2.55	2046.522	3859.763	6.628	12.4	-0.7	NO		NO	bb
7	7 180912M1_8	Standard	12.500	2.55	1999.228	3684.871	6.782	12.7	1.6	NO		NO	bb
8	8 180912M1_9	Standard	12.500	2.55	1860.950	3528.356	6.593	12.3	-1.2	NO		NO	bb
9	9 180912M1_10	Standard	12.500	2.55	1749.959	3375.398	6.481	12.1	-2.9	NO		NO	MM
10	10 180912M1_11	Standard	12.500	2.55	1466.068	2881.999	6.359	11.9	-4.7	NO		NO	MM

Compound name: 13C2-4:2 FTS

Response Factor: 1.01277

RRF SD: 0.087166, Relative SD: 8.6067

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	2.96	3901.203	3933.582	12.397	12.2	-2.1	NO		NO	MM
2	2 180912M1_3	Standard	12.500	2.96	3839.507	4036.466	11.890	11.7	-6.1	NO		NO	bb
3	3 180912M1_4	Standard	12.500	2.96	3568.622	3757.405	11.872	11.7	-6.2	NO		NO	bb
4	4 180912M1_5	Standard	12.500	2.96	3980.285	4151.548	11.984	11.8	-5.3	NO		NO	bb
5	5 180912M1_6	Standard	12.500	2.96	3877.667	3933.483	12.323	12.2	-2.7	NO		NO	bb
6	6 180912M1_7	Standard	12.500	2.96	3765.351	3859.763	12.194	12.0	-3.7	NO		NO	bb
7	7 180912M1_8	Standard	12.500	2.96	4030.748	3684.871	13.673	13.5	8.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	2.97	4218.010	3528.356	14.943	14.8	18.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	2.97	5304.272	3375.398	19.643	19.4	55.2	NO		NO	bbX
10	10 180912M1_11	Standard	12.500	2.96	6947.065	2881.999	30.131	29.8	138.0	NO		NO	bbX

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Compound name: 13C2-PFHxA

Response Factor: 0.884225

RRF SD: 0.0256585, Relative SD: 2.90181

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	5.000	3.05	12113.928	34614.539	4.375	4.9	-1.1	NO		NO	bb
2	2 180912M1_3	Standard	5.000	3.05	12139.155	34335.520	4.419	5.0	-0.0	NO		NO	bb
3	3 180912M1_4	Standard	5.000	3.05	11520.878	32683.473	4.406	5.0	-0.3	NO		NO	bb
4	4 180912M1_5	Standard	5.000	3.05	12643.943	35909.898	4.401	5.0	-0.4	NO		NO	bb
5	5 180912M1_6	Standard	5.000	3.05	11873.776	33886.867	4.380	5.0	-0.9	NO		NO	bb
6	6 180912M1_7	Standard	5.000	3.05	11361.115	32678.898	4.346	4.9	-1.7	NO		NO	bb
7	7 180912M1_8	Standard	5.000	3.05	11211.878	32239.291	4.347	4.9	-1.7	NO		NO	bb
8	8 180912M1_9	Standard	5.000	3.05	10564.173	30516.027	4.327	4.9	-2.1	NO		NO	bb
9	9 180912M1_10	Standard	5.000	3.05	9980.373	28115.084	4.437	5.0	0.4	NO		NO	bb
10	10 180912M1_11	Standard	5.000	3.05	9366.906	24533.816	4.772	5.4	7.9	NO		NO	bb

Compound name: 13C4-PFHpA

Response Factor: 0.465893

RRF SD: 0.012749, Relative SD: 2.73647

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	3.68	16230.303	34614.539	5.861	12.6	0.6	NO		NO	bb
2	2 180912M1_3	Standard	12.500	3.68	16218.876	34335.520	5.905	12.7	1.4	NO		NO	bb
3	3 180912M1_4	Standard	12.500	3.68	16071.436	32683.473	6.147	13.2	5.5	NO		NO	bb
4	4 180912M1_5	Standard	12.500	3.68	16995.211	35909.898	5.916	12.7	1.6	NO		NO	bb
5	5 180912M1_6	Standard	12.500	3.68	15773.342	33886.867	5.818	12.5	-0.1	NO		NO	bb
6	6 180912M1_7	Standard	12.500	3.68	15100.140	32678.898	5.776	12.4	-0.8	NO		NO	bb
7	7 180912M1_8	Standard	12.500	3.68	14996.579	32239.291	5.815	12.5	-0.2	NO		NO	bb
8	8 180912M1_9	Standard	12.500	3.68	13824.114	30516.027	5.663	12.2	-2.8	NO		NO	bb
9	9 180912M1_10	Standard	12.500	3.68	13031.004	28115.084	5.794	12.4	-0.5	NO		NO	MM
10	10 180912M1_11	Standard	12.500	3.68	10879.901	24533.816	5.543	11.9	-4.8	NO		NO	bb

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Compound name: 18O2-PFHxS

Response Factor: 0.4723

RRF SD: 0.0211683, Relative SD: 4.48197

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	3.83	1908.948	3933.582	6.066	12.8	2.8	NO		NO	bb
2	2 180912M1_3	Standard	12.500	3.83	1895.884	4036.466	5.871	12.4	-0.6	NO		NO	bb
3	3 180912M1_4	Standard	12.500	3.83	1781.478	3757.405	5.927	12.5	0.4	NO		NO	bb
4	4 180912M1_5	Standard	12.500	3.83	1950.401	4151.548	5.873	12.4	-0.5	NO		NO	bb
5	5 180912M1_6	Standard	12.500	3.83	1914.117	3933.483	6.083	12.9	3.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	3.83	1798.958	3859.763	5.826	12.3	-1.3	NO		NO	bb
7	7 180912M1_8	Standard	12.500	3.83	1775.264	3684.871	6.022	12.8	2.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	3.83	1506.155	3528.356	5.336	11.3	-9.6	NO		NO	bb
9	9 180912M1_10	Standard	12.500	3.83	1539.248	3375.398	5.700	12.1	-3.4	NO		NO	bb
10	10 180912M1_11	Standard	12.500	3.83	1460.392	2881.999	6.334	13.4	7.3	NO		NO	bd

Compound name: 13C2-6:2 FTS

Response Factor: 0.958286

RRF SD: 0.106195, Relative SD: 11.0817

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.15	3923.974	4324.199	11.343	11.8	-5.3	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.15	3893.594	4273.974	11.388	11.9	-4.9	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.15	3848.417	4006.178	12.008	12.5	0.2	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.15	4056.927	4500.704	11.267	11.8	-5.9	NO		NO	MM
5	5 180912M1_6	Standard	12.500	4.15	3698.742	4234.254	10.919	11.4	-8.8	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.15	3969.500	4237.646	11.709	12.2	-2.3	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.15	4141.365	4287.351	12.074	12.6	0.8	NO		NO	bb
8	8 180912M1_9	Standard	12.500	4.15	4442.357	3672.508	15.120	15.8	26.2	NO		NO	MM
9	9 180912M1_10	Standard	12.500	4.15	5703.784	3413.710	20.886	21.8	74.4	NO		NO	bbX
10	10 180912M1_11	Standard	12.500	4.15	7559.555	3218.675	29.358	30.6	145.1	NO		NO	bbX

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Compound name: 13C2-PFOA

Response Factor: 0.687578

RRF SD: 0.015067, Relative SD: 2.19131

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.21	28744.455	42938.637	8.368	12.2	-2.6	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.21	27586.545	41001.367	8.410	12.2	-2.1	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.21	26758.607	39165.426	8.540	12.4	-0.6	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.21	29749.012	43764.363	8.497	12.4	-1.1	NO		NO	bb
5	5 180912M1_6	Standard	12.500	4.21	28634.199	40623.625	8.811	12.8	2.5	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.21	27682.473	40036.605	8.643	12.6	0.6	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.21	26081.723	38601.660	8.446	12.3	-1.7	NO		NO	bb
8	8 180912M1_9	Standard	12.500	4.21	24405.465	35223.699	8.661	12.6	0.8	NO		NO	bb
9	9 180912M1_10	Standard	12.500	4.21	23247.785	33809.297	8.595	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	4.21	21408.572	29812.422	8.976	13.1	4.4	NO		NO	bb

Compound name: 13C5-PFNA

Response Factor: 0.976425

RRF SD: 0.031983, Relative SD: 3.27552

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.65	29657.789	30692.430	12.079	12.4	-1.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.65	29361.340	29382.041	12.491	12.8	2.3	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.65	27947.555	29641.076	11.786	12.1	-3.4	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.65	31217.951	30240.670	12.904	13.2	5.7	NO		NO	bb
5	5 180912M1_6	Standard	12.500	4.65	29099.191	30389.748	11.969	12.3	-1.9	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.65	29051.504	29648.746	12.248	12.5	0.4	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.65	27980.561	28098.398	12.448	12.7	2.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	4.65	24973.025	25469.740	12.256	12.6	0.4	NO		NO	bb
9	9 180912M1_10	Standard	12.500	4.65	22925.627	24958.578	11.482	11.8	-5.9	NO		NO	bb
10	10 180912M1_11	Standard	12.500	4.65	20157.686	20335.785	12.391	12.7	1.5	NO		NO	bb

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Compound name: 13C8-PFOSA

Response Factor: 0.197706

RRF SD: 0.00672486, Relative SD: 3.40145

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.71	7322.169	36050.750	2.539	12.8	2.7	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.71	7431.427	37287.906	2.491	12.6	0.8	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.71	6839.386	34997.656	2.443	12.4	-1.2	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.71	7614.372	40408.313	2.355	11.9	-4.7	NO		NO	bb
5	5 180912M1_6	Standard	12.500	4.71	7309.660	37098.371	2.463	12.5	-0.3	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.71	6968.926	35455.281	2.457	12.4	-0.6	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.71	6821.759	35600.355	2.395	12.1	-3.1	NO		NO	MM
8	8 180912M1_9	Standard	12.500	4.71	6264.385	32621.863	2.400	12.1	-2.9	NO		NO	bb
9	9 180912M1_10	Standard	12.500	4.71	5894.702	29204.627	2.523	12.8	2.1	NO		NO	bb
10	10 180912M1_11	Standard	12.500	4.71	5278.511	24933.059	2.646	13.4	7.1	NO		NO	bb

Compound name: 13C8-PFOS

Response Factor: 1.05659

RRF SD: 0.0455867, Relative SD: 4.31449

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.74	4458.230	4324.199	12.887	12.2	-2.4	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.74	4557.154	4273.974	13.328	12.6	0.9	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.74	4288.360	4006.178	13.380	12.7	1.3	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.74	4664.713	4500.704	12.956	12.3	-1.9	NO		NO	bb
5	5 180912M1_6	Standard	12.500	4.74	4377.011	4234.254	12.921	12.2	-2.2	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.74	4529.016	4237.646	13.359	12.6	1.2	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.74	4238.600	4287.351	12.358	11.7	-6.4	NO		NO	bb
8	8 180912M1_9	Standard	12.500	4.74	3811.569	3672.508	12.973	12.3	-1.8	NO		NO	bb
9	9 180912M1_10	Standard	12.500	4.74	3974.082	3413.710	14.552	13.8	10.2	NO		NO	bb
10	10 180912M1_11	Standard	12.500	4.74	3439.790	3218.675	13.359	12.6	1.1	NO		NO	MM

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Compound name: 13C2-PFDA

Response Factor: 0.805721

RRF SD: 0.0187014, Relative SD: 2.32108

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	5.03	25985.822	33003.824	9.842	12.2	-2.3	NO		NO	bb
2	2 180912M1_3	Standard	12.500	5.03	26868.094	32875.215	10.216	12.7	1.4	NO		NO	bb
3	3 180912M1_4	Standard	12.500	5.03	25188.646	30896.268	10.191	12.6	1.2	NO		NO	bb
4	4 180912M1_5	Standard	12.500	5.03	27360.838	33861.891	10.100	12.5	0.3	NO		NO	bb
5	5 180912M1_6	Standard	12.500	5.03	26275.346	31296.047	10.495	13.0	4.2	NO		NO	bb
6	6 180912M1_7	Standard	12.500	5.03	24667.375	31755.074	9.710	12.1	-3.6	NO		NO	bb
7	7 180912M1_8	Standard	12.500	5.03	22919.855	29236.375	9.799	12.2	-2.7	NO		NO	bb
8	8 180912M1_9	Standard	12.500	5.03	23438.123	28805.992	10.171	12.6	1.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	5.03	21213.297	26097.521	10.161	12.6	0.9	NO		NO	bb
10	10 180912M1_11	Standard	12.500	5.03	17753.086	22123.063	10.031	12.4	-0.4	NO		NO	bb

Compound name: 13C2-8:2 FTS

Response Factor: 0.812011

RRF SD: 0.118973, Relative SD: 14.6516

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	5.00	3240.076	4324.199	9.366	11.5	-7.7	NO		NO	bb
2	2 180912M1_3	Standard	12.500	5.00	3033.587	4273.974	8.872	10.9	-12.6	NO		NO	bb
3	3 180912M1_4	Standard	12.500	5.00	3197.228	4006.178	9.976	12.3	-1.7	NO		NO	bd
4	4 180912M1_5	Standard	12.500	5.00	3320.207	4500.704	9.221	11.4	-9.2	NO		NO	bb
5	5 180912M1_6	Standard	12.500	5.00	3321.352	4234.254	9.805	12.1	-3.4	NO		NO	bb
6	6 180912M1_7	Standard	12.500	5.00	3302.401	4237.646	9.741	12.0	-4.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	5.00	3646.098	4287.351	10.630	13.1	4.7	NO		NO	bb
8	8 180912M1_9	Standard	12.500	5.00	3992.380	3672.508	13.589	16.7	33.9	NO		NO	bb
9	9 180912M1_10	Standard	12.500	5.00	5164.687	3413.710	18.912	23.3	86.3	NO		NO	bbX
10	10 180912M1_11	Standard	12.500	5.00	6754.611	3218.675	26.232	32.3	158.4	NO		NO	bbX

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Compound name: d3-N-MeFOSAA

Response Factor: 0.208063

RRF SD: 0.00784478, Relative SD: 3.77039

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	5.18	7897.722	36050.750	2.738	13.2	5.3	NO		NO	bb
2	2 180912M1_3	Standard	12.500	5.18	7723.013	37287.906	2.589	12.4	-0.5	NO		NO	bb
3	3 180912M1_4	Standard	12.500	5.18	7137.133	34997.656	2.549	12.3	-2.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	5.18	8063.670	40408.313	2.494	12.0	-4.1	NO		NO	bb
5	5 180912M1_6	Standard	12.500	5.18	7376.523	37098.371	2.485	11.9	-4.4	NO		NO	bb
6	6 180912M1_7	Standard	12.500	5.18	7349.308	35455.281	2.591	12.5	-0.4	NO		NO	bb
7	7 180912M1_8	Standard	12.500	5.18	7296.082	35600.355	2.562	12.3	-1.5	NO		NO	bb
8	8 180912M1_9	Standard	12.500	5.18	6787.723	32621.863	2.601	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	5.18	6075.668	29204.627	2.600	12.5	-0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	5.18	5579.384	24933.059	2.797	13.4	7.6	NO		NO	bb

Compound name: 13C2-PFUdA

Response Factor: 0.92485

RRF SD: 0.0302277, Relative SD: 3.26839

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	5.36	34817.031	36050.750	12.072	13.1	4.4	NO		NO	bb
2	2 180912M1_3	Standard	12.500	5.36	34922.332	37287.906	11.707	12.7	1.3	NO		NO	bb
3	3 180912M1_4	Standard	12.500	5.35	33504.820	34997.656	11.967	12.9	3.5	NO		NO	bb
4	4 180912M1_5	Standard	12.500	5.36	36187.828	40408.313	11.194	12.1	-3.2	NO		NO	bb
5	5 180912M1_6	Standard	12.500	5.36	33662.742	37098.371	11.342	12.3	-1.9	NO		NO	bb
6	6 180912M1_7	Standard	12.500	5.36	32929.047	35455.281	11.609	12.6	0.4	NO		NO	bb
7	7 180912M1_8	Standard	12.500	5.36	31069.396	35600.355	10.909	11.8	-5.6	NO		NO	bb
8	8 180912M1_9	Standard	12.500	5.36	29817.691	32621.863	11.426	12.4	-1.2	NO		NO	bb
9	9 180912M1_10	Standard	12.500	5.36	26617.352	29204.627	11.393	12.3	-1.5	NO		NO	bb
10	10 180912M1_11	Standard	12.500	5.36	23909.529	24933.059	11.987	13.0	3.7	NO		NO	bb

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Compound name: d5-N-EtFOSAA

Response Factor: 0.252375

RRF SD: 0.00896156, Relative SD: 3.55089

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	5.34	9897.879	36050.750	3.432	13.6	8.8	NO		NO	bb
2	2 180912M1_3	Standard	12.500	5.34	9395.542	37287.906	3.150	12.5	-0.2	NO		NO	bb
3	3 180912M1_4	Standard	12.500	5.34	8806.795	34997.656	3.145	12.5	-0.3	NO		NO	bb
4	4 180912M1_5	Standard	12.500	5.34	10108.333	40408.313	3.127	12.4	-0.9	NO		NO	bb
5	5 180912M1_6	Standard	12.500	5.34	9367.184	37098.371	3.156	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	5.34	9128.894	35455.281	3.218	12.8	2.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	5.34	8710.349	35600.355	3.058	12.1	-3.1	NO		NO	bb
8	8 180912M1_9	Standard	12.500	5.34	7909.928	32621.863	3.031	12.0	-3.9	NO		NO	bb
9	9 180912M1_10	Standard	12.500	5.34	7371.267	29204.627	3.155	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	5.34	6131.285	24933.059	3.074	12.2	-2.6	NO		NO	bb

Compound name: 13C2-PFDoA

Response Factor: 0.984569

RRF SD: 0.0435245, Relative SD: 4.42066

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	5.64	30525.887	33003.824	11.561	11.7	-6.1	NO		NO	bb
2	2 180912M1_3	Standard	12.500	5.64	31659.500	32875.215	12.038	12.2	-2.2	NO		NO	bb
3	3 180912M1_4	Standard	12.500	5.64	30755.609	30896.268	12.443	12.6	1.1	NO		NO	bb
4	4 180912M1_5	Standard	12.500	5.64	32597.236	33861.891	12.033	12.2	-2.2	NO		NO	bb
5	5 180912M1_6	Standard	12.500	5.64	31831.096	31296.047	12.714	12.9	3.3	NO		NO	bb
6	6 180912M1_7	Standard	12.500	5.64	29531.867	31755.074	11.625	11.8	-5.5	NO		NO	bb
7	7 180912M1_8	Standard	12.500	5.64	29254.750	29236.375	12.508	12.7	1.6	NO		NO	bb
8	8 180912M1_9	Standard	12.500	5.64	27916.094	28805.992	12.114	12.3	-1.6	NO		NO	bb
9	9 180912M1_10	Standard	12.500	5.64	26480.129	26097.521	12.683	12.9	3.1	NO		NO	bb
10	10 180912M1_11	Standard	12.500	5.64	23631.158	22123.063	13.352	13.6	8.5	NO		NO	bb

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Compound name: d3-N-MeFOSA

Response Factor: 0.0462661

RRF SD: 0.00487937, Relative SD: 10.5463

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	150.000	5.76	19644.328	36050.750	6.811	147.2	-1.9	NO		NO	bb
2	2 180912M1_3	Standard	150.000	5.76	18826.652	37287.906	6.311	136.4	-9.1	NO		NO	bb
3	3 180912M1_4	Standard	150.000	5.76	18524.590	34997.656	6.616	143.0	-4.7	NO		NO	MM
4	4 180912M1_5	Standard	150.000	5.76	19988.469	40408.313	6.183	133.6	-10.9	NO		NO	bb
5	5 180912M1_6	Standard	150.000	5.76	19105.801	37098.371	6.438	139.1	-7.2	NO		NO	bb
6	6 180912M1_7	Standard	150.000	5.76	19151.689	35455.281	6.752	145.9	-2.7	NO		NO	bb
7	7 180912M1_8	Standard	150.000	5.76	19137.604	35600.355	6.720	145.2	-3.2	NO		NO	bb
8	8 180912M1_9	Standard	150.000	5.76	19109.516	32621.863	7.322	158.3	5.5	NO		NO	bb
9	9 180912M1_10	Standard	150.000	5.76	17867.102	29204.627	7.647	165.3	10.2	NO		NO	bb
10	10 180912M1_11	Standard	150.000	5.76	17149.965	24933.059	8.598	185.8	23.9	NO		NO	bb

Compound name: 13C2-PFTeDA

Response Factor: 0.573893

RRF SD: 0.0520805, Relative SD: 9.07495

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	6.11	19889.551	36050.750	6.896	12.0	-3.9	NO		NO	bb
2	2 180912M1_3	Standard	12.500	6.11	19755.086	37287.906	6.622	11.5	-7.7	NO		NO	bb
3	3 180912M1_4	Standard	12.500	6.11	20419.287	34997.656	7.293	12.7	1.7	NO		NO	bb
4	4 180912M1_5	Standard	12.500	6.11	21034.957	40408.313	6.507	11.3	-9.3	NO		NO	bb
5	5 180912M1_6	Standard	12.500	6.11	20323.273	37098.371	6.848	11.9	-4.5	NO		NO	bb
6	6 180912M1_7	Standard	12.500	6.11	20259.123	35455.281	7.142	12.4	-0.4	NO		NO	bb
7	7 180912M1_8	Standard	12.500	6.11	18869.959	35600.355	6.626	11.5	-7.6	NO		NO	bb
8	8 180912M1_9	Standard	12.500	6.11	19272.600	32621.863	7.385	12.9	2.9	NO		NO	bb
9	9 180912M1_10	Standard	12.500	6.11	18157.967	29204.627	7.772	13.5	8.3	NO		NO	bb
10	10 180912M1_11	Standard	12.500	6.11	17243.756	24933.059	8.645	15.1	20.5	NO		NO	bb

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Compound name: d5-N-ETFOSA

Response Factor: 0.0521545

RRF SD: 0.0027485, Relative SD: 5.26992

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	150.000	6.18	22478.059	36050.750	7.794	149.4	-0.4	NO		NO	bb
2	2 180912M1_3	Standard	150.000	6.18	22480.467	37287.906	7.536	144.5	-3.7	NO		NO	bb
3	3 180912M1_4	Standard	150.000	6.18	21698.721	34997.656	7.750	148.6	-0.9	NO		NO	bb
4	4 180912M1_5	Standard	150.000	6.18	23310.674	40408.313	7.211	138.3	-7.8	NO		NO	bb
5	5 180912M1_6	Standard	150.000	6.18	22337.158	37098.371	7.526	144.3	-3.8	NO		NO	bb
6	6 180912M1_7	Standard	150.000	6.18	22076.574	35455.281	7.783	149.2	-0.5	NO		NO	bb
7	7 180912M1_8	Standard	150.000	6.18	21760.229	35600.355	7.640	146.5	-2.3	NO		NO	bb
8	8 180912M1_9	Standard	150.000	6.18	21175.230	32621.863	8.114	155.6	3.7	NO		NO	bb
9	9 180912M1_10	Standard	150.000	6.18	19188.418	29204.627	8.213	157.5	5.0	NO		NO	bb
10	10 180912M1_11	Standard	150.000	6.18	17281.408	24933.059	8.664	166.1	10.7	NO		NO	bb

Compound name: 13C2-PFHxDA

Response Factor: 0.76299

RRF SD: 0.0693238, Relative SD: 9.0858

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	5.000	6.46	10309.527	36050.750	3.575	4.7	-6.3	NO		NO	bb
2	2 180912M1_3	Standard	5.000	6.45	10498.073	37287.906	3.519	4.6	-7.8	NO		NO	bb
3	3 180912M1_4	Standard	5.000	6.45	10654.145	34997.656	3.805	5.0	-0.3	NO		NO	bb
4	4 180912M1_5	Standard	5.000	6.45	11198.609	40408.313	3.464	4.5	-9.2	NO		NO	bb
5	5 180912M1_6	Standard	5.000	6.45	10939.300	37098.371	3.686	4.8	-3.4	NO		NO	bb
6	6 180912M1_7	Standard	5.000	6.45	10778.348	35455.281	3.800	5.0	-0.4	NO		NO	MM
7	7 180912M1_8	Standard	5.000	6.46	10541.097	35600.355	3.701	4.9	-3.0	NO		NO	bb
8	8 180912M1_9	Standard	5.000	6.46	9904.744	32621.863	3.795	5.0	-0.5	NO		NO	bb
9	9 180912M1_10	Standard	5.000	6.45	9778.109	29204.627	4.185	5.5	9.7	NO		NO	bb
10	10 180912M1_11	Standard	5.000	6.46	9212.334	24933.059	4.619	6.1	21.1	NO		NO	bb

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Compound name: d7-N-MeFOSE

Response Factor: 0.0453267

RRF SD: 0.00560987, Relative SD: 12.3765

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	150.000	6.34	18906.707	36050.750	6.556	144.6	-3.6	NO		NO	bb
2	2 180912M1_3	Standard	150.000	6.33	18615.186	37287.906	6.240	137.7	-8.2	NO		NO	bb
3	3 180912M1_4	Standard	150.000	6.33	17766.971	34997.656	6.346	140.0	-6.7	NO		NO	bb
4	4 180912M1_5	Standard	150.000	6.33	19446.854	40408.313	6.016	132.7	-11.5	NO		NO	bb
5	5 180912M1_6	Standard	150.000	6.33	18834.365	37098.371	6.346	140.0	-6.7	NO		NO	bb
6	6 180912M1_7	Standard	150.000	6.33	18367.531	35455.281	6.476	142.9	-4.8	NO		NO	bb
7	7 180912M1_8	Standard	150.000	6.33	18795.557	35600.355	6.599	145.6	-2.9	NO		NO	bb
8	8 180912M1_9	Standard	150.000	6.34	18183.203	32621.863	6.967	153.7	2.5	NO		NO	MM
9	9 180912M1_10	Standard	150.000	6.33	17774.338	29204.627	7.608	167.8	11.9	NO		NO	bb
10	10 180912M1_11	Standard	150.000	6.33	17625.346	24933.059	8.836	194.9	30.0	NO		NO	bb

Compound name: d9-N-EtFOSE

Response Factor: 0.0438462

RRF SD: 0.00539991, Relative SD: 12.3156

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	150.000	6.49	18264.031	36050.750	6.333	144.4	-3.7	NO		NO	bb
2	2 180912M1_3	Standard	150.000	6.49	18053.723	37287.906	6.052	138.0	-8.0	NO		NO	bb
3	3 180912M1_4	Standard	150.000	6.48	17382.154	34997.656	6.208	141.6	-5.6	NO		NO	bb
4	4 180912M1_5	Standard	150.000	6.49	19003.029	40408.313	5.878	134.1	-10.6	NO		NO	bb
5	5 180912M1_6	Standard	150.000	6.48	18186.723	37098.371	6.128	139.8	-6.8	NO		NO	bb
6	6 180912M1_7	Standard	150.000	6.48	17839.256	35455.281	6.289	143.4	-4.4	NO		NO	bb
7	7 180912M1_8	Standard	150.000	6.48	17766.961	35600.355	6.238	142.3	-5.1	NO		NO	bb
8	8 180912M1_9	Standard	150.000	6.49	17554.250	32621.863	6.726	153.4	2.3	NO		NO	bb
9	9 180912M1_10	Standard	150.000	6.48	17199.387	29204.627	7.362	167.9	11.9	NO		NO	bb
10	10 180912M1_11	Standard	150.000	6.48	17062.230	24933.059	8.554	195.1	30.1	NO		NO	bb

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Compound name: 13C4-PFBA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	1.25	14256.928	14256.928	12.500	12.5	0.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	1.25	13481.462	13481.462	12.500	12.5	0.0	NO		NO	bb
3	3 180912M1_4	Standard	12.500	1.25	13434.227	13434.227	12.500	12.5	0.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	1.25	14012.183	14012.183	12.500	12.5	0.0	NO		NO	bb
5	5 180912M1_6	Standard	12.500	1.25	13872.053	13872.053	12.500	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	1.25	12999.652	12999.652	12.500	12.5	0.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	1.25	12985.019	12985.019	12.500	12.5	0.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	1.25	12905.102	12905.102	12.500	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	1.25	12949.625	12949.625	12.500	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	1.25	12678.084	12678.084	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	3.05	34614.539	34614.539	12.500	12.5	0.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	3.05	34335.520	34335.520	12.500	12.5	0.0	NO		NO	bb
3	3 180912M1_4	Standard	12.500	3.05	32683.473	32683.473	12.500	12.5	0.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	3.05	35909.898	35909.898	12.500	12.5	0.0	NO		NO	bb
5	5 180912M1_6	Standard	12.500	3.05	33886.867	33886.867	12.500	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	3.05	32678.898	32678.898	12.500	12.5	0.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	3.05	32239.291	32239.291	12.500	12.5	0.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	3.05	30516.027	30516.027	12.500	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	3.05	28115.084	28115.084	12.500	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	3.05	24533.816	24533.816	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C3-PFHxS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	3.83	3933.582	3933.582	12.500	12.5	0.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	3.83	4036.466	4036.466	12.500	12.5	0.0	NO		NO	bb
3	3 180912M1_4	Standard	12.500	3.83	3757.405	3757.405	12.500	12.5	0.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	3.83	4151.548	4151.548	12.500	12.5	0.0	NO		NO	bb
5	5 180912M1_6	Standard	12.500	3.83	3933.483	3933.483	12.500	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	3.83	3859.763	3859.763	12.500	12.5	0.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	3.83	3684.871	3684.871	12.500	12.5	0.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	3.83	3528.356	3528.356	12.500	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	3.83	3375.398	3375.398	12.500	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	3.83	2881.999	2881.999	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C8-PFOA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.21	42938.637	42938.637	12.500	12.5	0.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.21	41001.367	41001.367	12.500	12.5	0.0	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.21	39165.426	39165.426	12.500	12.5	0.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.21	43764.363	43764.363	12.500	12.5	0.0	NO		NO	bb
5	5 180912M1_6	Standard	12.500	4.21	40623.625	40623.625	12.500	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.21	40036.605	40036.605	12.500	12.5	0.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.21	38601.660	38601.660	12.500	12.5	0.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	4.21	35223.699	35223.699	12.500	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	4.21	33809.297	33809.297	12.500	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	4.21	29812.422	29812.422	12.500	12.5	0.0	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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Compound name: 13C9-PFNA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.65	30692.430	30692.430	12.500	12.5	0.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.65	29382.041	29382.041	12.500	12.5	0.0	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.65	29641.076	29641.076	12.500	12.5	0.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.65	30240.670	30240.670	12.500	12.5	0.0	NO		NO	bb
5	5 180912M1_6	Standard	12.500	4.65	30389.748	30389.748	12.500	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.65	29648.746	29648.746	12.500	12.5	0.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.65	28098.398	28098.398	12.500	12.5	0.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	4.65	25469.740	25469.740	12.500	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	4.65	24958.578	24958.578	12.500	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	4.65	20335.785	20335.785	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.74	4324.199	4324.199	12.500	12.5	0.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.74	4273.974	4273.974	12.500	12.5	0.0	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.74	4006.178	4006.178	12.500	12.5	0.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.74	4500.704	4500.704	12.500	12.5	0.0	NO		NO	bb
5	5 180912M1_6	Standard	12.500	4.74	4234.254	4234.254	12.500	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.74	4237.646	4237.646	12.500	12.5	0.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.74	4287.351	4287.351	12.500	12.5	0.0	NO		NO	bd
8	8 180912M1_9	Standard	12.500	4.74	3672.508	3672.508	12.500	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	4.74	3413.710	3413.710	12.500	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	4.74	3218.675	3218.675	12.500	12.5	0.0	NO		NO	bd

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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Compound name: 13C6-PFDA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	5.03	33003.824	33003.824	12.500	12.5	0.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	5.03	32875.215	32875.215	12.500	12.5	0.0	NO		NO	bb
3	3 180912M1_4	Standard	12.500	5.03	30896.268	30896.268	12.500	12.5	0.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	5.03	33861.891	33861.891	12.500	12.5	0.0	NO		NO	bb
5	5 180912M1_6	Standard	12.500	5.03	31296.047	31296.047	12.500	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	5.03	31755.074	31755.074	12.500	12.5	0.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	5.03	29236.375	29236.375	12.500	12.5	0.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	5.03	28805.992	28805.992	12.500	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	5.03	26097.521	26097.521	12.500	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	5.03	22123.063	22123.063	12.500	12.5	0.0	NO		NO	bd

Compound name: 13C7-PFUdA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	5.36	36050.750	36050.750	12.500	12.5	0.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	5.36	37287.906	37287.906	12.500	12.5	0.0	NO		NO	bb
3	3 180912M1_4	Standard	12.500	5.36	34997.656	34997.656	12.500	12.5	0.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	5.36	40408.313	40408.313	12.500	12.5	0.0	NO		NO	bb
5	5 180912M1_6	Standard	12.500	5.36	37098.371	37098.371	12.500	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	5.36	35455.281	35455.281	12.500	12.5	0.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	5.36	35600.355	35600.355	12.500	12.5	0.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	5.36	32621.863	32621.863	12.500	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	5.36	29204.627	29204.627	12.500	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	5.36	24933.059	24933.059	12.500	12.5	0.0	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:48:18 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 11 Sep 2018 11:40:50

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Name: 180912M1_2, Date: 12-Sep-2018, Time: 13:55:11, ID: ST180912M1-1 PFC CS-2 18I0612, Description: PFC CS-2 18I0612

#	Name	IS#	CoD	CoD Flag	%RSD
1	1 PFBA	36	0.9997	NO	
2	2 PFPeA	37	0.9999	NO	
3	3 PFBS	38	0.9998	NO	
4	4 4:2 FTS	39	0.9996	NO	
5	5 PFHxA	40	0.9999	NO	
6	6 PFPeS	38	0.9996	NO	
7	7 PFHpA	41	0.9990	NO	
8	8 L-PFHxS	42	0.9996	NO	
9	10 6:2 FTS	43	0.9990	NO	
10	11 L-PFOA	44	1.0000	NO	
11	13 PFHpS	47	0.9990	NO	
12	14 PFNA	45	0.9999	NO	
13	15 PFOSA	46	-0.9999	NO	
14	16 L-PFOS	47	0.9992	NO	
15	18 PFDA	48	0.9999	NO	
16	19 8:2 FTS	49	0.9994	NO	
17	20 PFNS	47	0.9984	NO	
18	21 L-MeFOSAA	50	0.9996	NO	
19	23 L-EtFOSAA	52	0.9995	NO	

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:48:33 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 11 Sep 2018 11:40:50

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Name: 180912M1_2, Date: 12-Sep-2018, Time: 13:55:11, ID: ST180912M1-1 PFC CS-2 18I0612, Description: PFC CS-2 18I0612

#	Name	IS#	CoD	CoD Flag	%RSD
1	25 PFUdA	51	1.0000	NO	
2	26 PFDS	47	0.9993	NO	
3	27 PFDoA	53	0.9999	NO	
4	28 N-MeFOSA	54	0.9998	NO	
5	29 PFTTrDA	53	0.9997	NO	
6	30 PFTeDA	55	0.9998	NO	
7	31 N-EtFOSA	56	0.9999	NO	
8	32 PFHxDA	57	0.9999	NO	
9	33 PFODA	57	0.9999	NO	
10	34 N-MeFOSE	58	1.0000	NO	
11	35 N-EtFOSE	59	1.0000	NO	
12	36 13C3-PFBA	60		NO	1.046
13	37 13C3-PFPeA	61		NO	3.143
14	38 13C3-PFBS	62		NO	2.676
15	39 13C2-4:2 FTS	62		NO	8.607
16	40 13C2-PFHxA	61		NO	2.902
17	41 13C4-PFHpA	61		NO	2.736
18	42 18O2-PFHxS	62		NO	4.482
19	43 13C2-6:2 FTS	65		NO	11.082
20	44 13C2-PFOA	63		NO	2.191
21	45 13C5-PFNA	64		NO	3.276
22	46 13C8-PFOSA	67		NO	3.401
23	47 13C8-PFOS	65		NO	4.314
24	48 13C2-PFDA	66		NO	2.321
25	49 13C2-8:2 FTS	65		NO	14.652
26	50 d3-N-MeFOSAA	67		NO	3.770
27	51 13C2-PFUdA	67		NO	3.268
28	52 d5-N-EtFOSAA	67		NO	3.551
29	53 13C2-PFDoA	66		NO	4.421
30	54 d3-N-MeFOSA	67		NO	10.546
31	55 13C2-PFTeDA	67		NO	9.075

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

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Name: 180912M1_2, Date: 12-Sep-2018, Time: 13:55:11, ID: ST180912M1-1 PFC CS-2 18I0612, Description: PFC CS-2 18I0612

	#	Name	IS#	CoD	CoD Flag	%RSD
32	56	d5-N-ETFOSA	67		NO	5.270
33	57	13C2-PFHxDA	67		NO	9.086
34	58	d7-N-MeFOSE	67		NO	12.377
35	59	d9-N-EtFOSE	67		NO	12.316
36	60	13C4-PFBA	60		NO	0.000
37	61	13C5-PFHxA	61		NO	0.000
38	62	13C3-PFHxS	62		NO	0.000
39	63	13C8-PFOA	63		NO	0.000
40	64	13C9-PFNA	64		NO	0.000
41	65	13C4-PFOS	65		NO	0.000
42	66	13C6-PFDA	66		NO	0.000
43	67	13C7-PFUdA	67		NO	0.000

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:49:53 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 11 Sep 2018 11:40:50

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Name: 180912M1_7, Date: 12-Sep-2018, Time: 14:48:06, ID: ST180912M1-6 PFC CS3 18I0617, Description: PFC CS3 18I0617

	Name	Ion Ratio	Ratio out?
1	PFBA		
2	PFPeA		
3	PFBS	2.626	NO
4	4:2 FTS	1.809	NO
5	PFHxA	15.094	NO
6	PFPeS	1.627	NO
7	PFHpA	11.770	NO
8	L-PFHxS	1.594	NO
9	6:2 FTS	2.886	NO
10	L-PFOA	3.513	NO
11	PFHpS	2.016	NO
12	PFNA	4.413	NO
13	PFOSA	29.706	NO
14	L-PFOS	1.770	NO
15	PFDA	5.503	NO
16	8:2 FTS	2.102	NO
17	PFNS	1.602	NO
18	L-MeFOSAA	2.678	NO
19	L-EtFOSAA	1.482	NO

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:50:01 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 11 Sep 2018 11:40:50

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Name: 180912M1_7, Date: 12-Sep-2018, Time: 14:48:06, ID: ST180912M1-6 PFC CS3 1810617, Description: PFC CS3 1810617

	Name	Ion Ratio	Ratio out?
1	PFUdA	8.629	NO
2	PFDS	1.701	NO
3	PFDoA	8.581	NO
4	N-MeFOSA	1.609	NO
5	PFTrDA	22.703	NO
6	PFTeDA	14.074	NO
7	N-EtFOSA	1.670	NO
8	PFHxDA	20.684	NO
9	PFODA		
10	N-MeFOSE		
11	N-EtFOSE		

Dataset: Untitled

Last Altered: Wednesday, September 12, 2018 16:59:57 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 17:00:05 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 12 Sep 2018 16:25:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\IC18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Compound name: PFBA

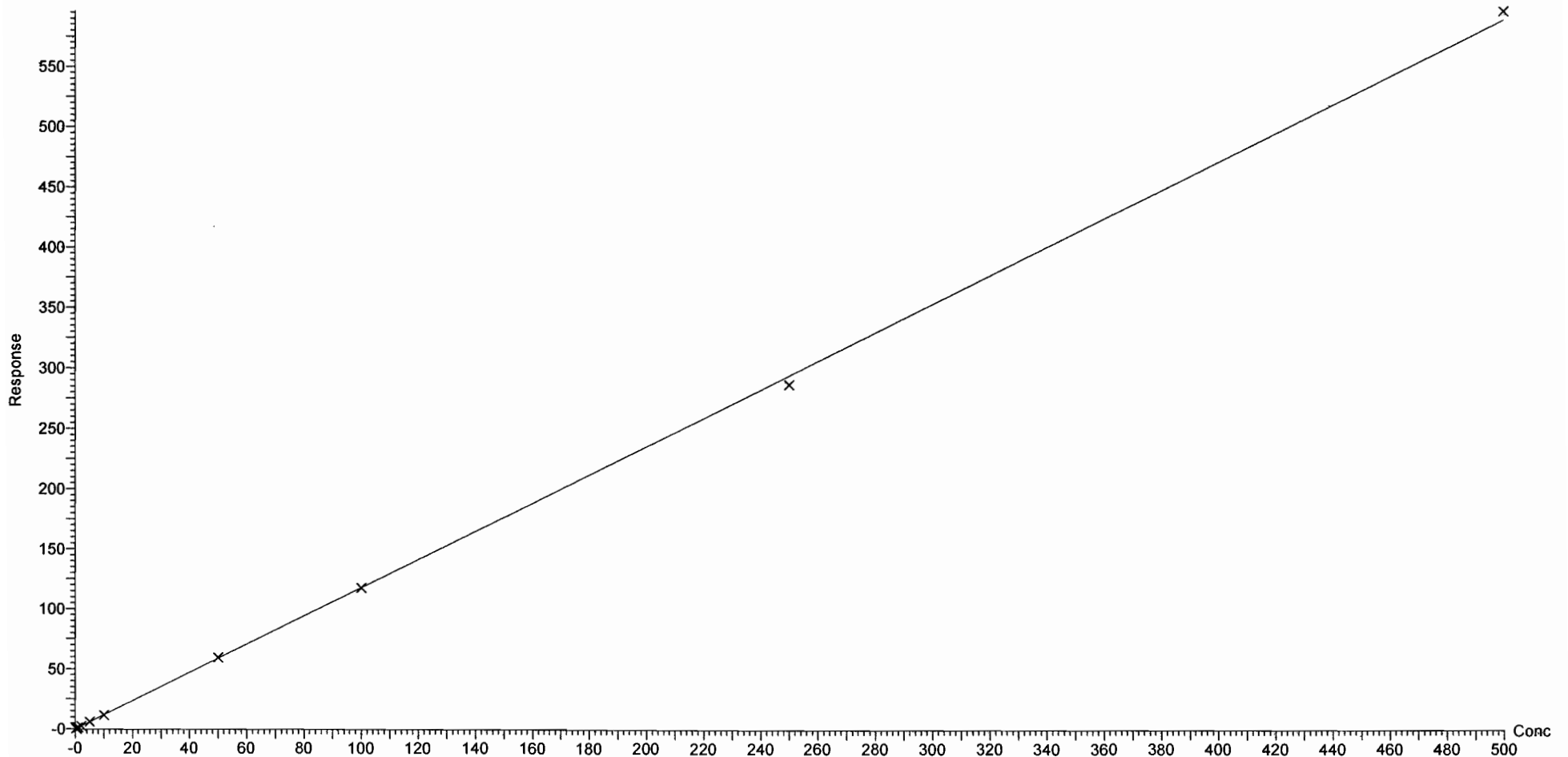
#	Name	ID	Acq.Date	Acq.Time
1	1 180912M1_1	IPA	12-Sep-18	13:44:34
2	2 180912M1_2	ST180912M1-1 PFC CS-2 18I0612	12-Sep-18	13:55:11
3	3 180912M1_3	ST180912M1-2 PFC CS-1 18I0613	12-Sep-18	14:05:43
4	4 180912M1_4	ST180912M1-3 PFC CS0 18I0614	12-Sep-18	14:16:22
5	5 180912M1_5	ST180912M1-4 PFC CS1 18I0615	12-Sep-18	14:26:56
6	6 180912M1_6	ST180912M1-5 PFC CS2 18I0616	12-Sep-18	14:37:34
7	7 180912M1_7	ST180912M1-6 PFC CS3 18I0617	12-Sep-18	14:48:06
8	8 180912M1_8	ST180912M1-7 PFC CS4 18I0618	12-Sep-18	14:58:45
9	9 180912M1_9	ST180912M1-8 PFC CS5 18I0619	12-Sep-18	15:09:18
10	10 180912M1_10	ST180912M1-9 PFC CS6 18I0620	12-Sep-18	15:19:48
11	11 180912M1_11	ST180912M1-10 PFC CS7 18I0621	12-Sep-18	15:30:26
12	12 180912M1_12	IPA	12-Sep-18	15:40:59
13	13 180912M1_13	ICV180912M1-1 PFC ICV 18I0622	12-Sep-18	15:51:38

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

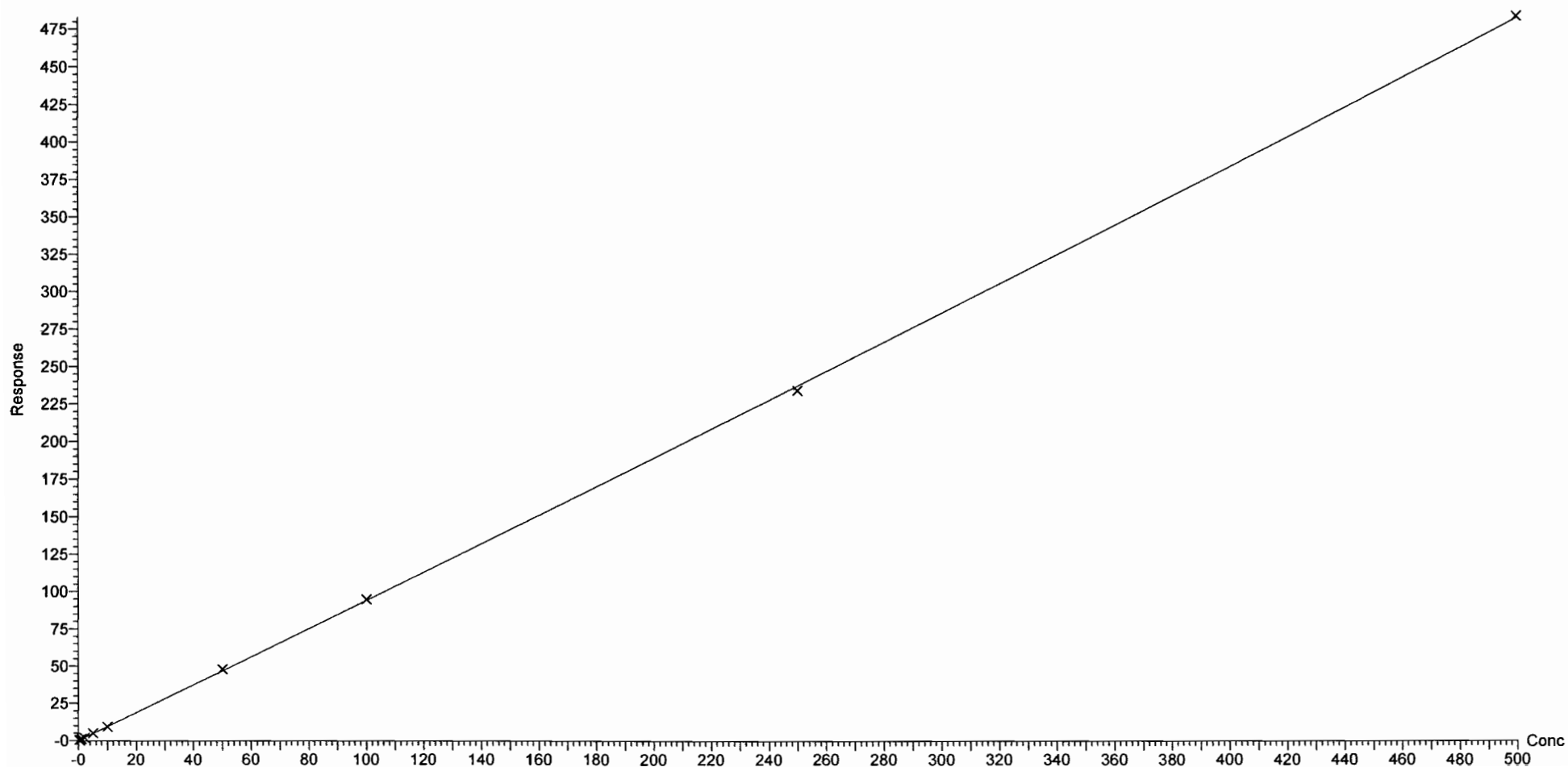
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Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Compound name: PFBA
Correlation coefficient: $r = 0.999857$, $r^2 = 0.999713$
Calibration curve: $1.17754 * x + -0.0913443$
Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld
Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

Compound name: PFPeA
Coefficient of Determination: $R^2 = 0.999904$
Calibration curve: $5.91671e-005 * x^2 + 0.933466 * x + 0.0224916$
Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

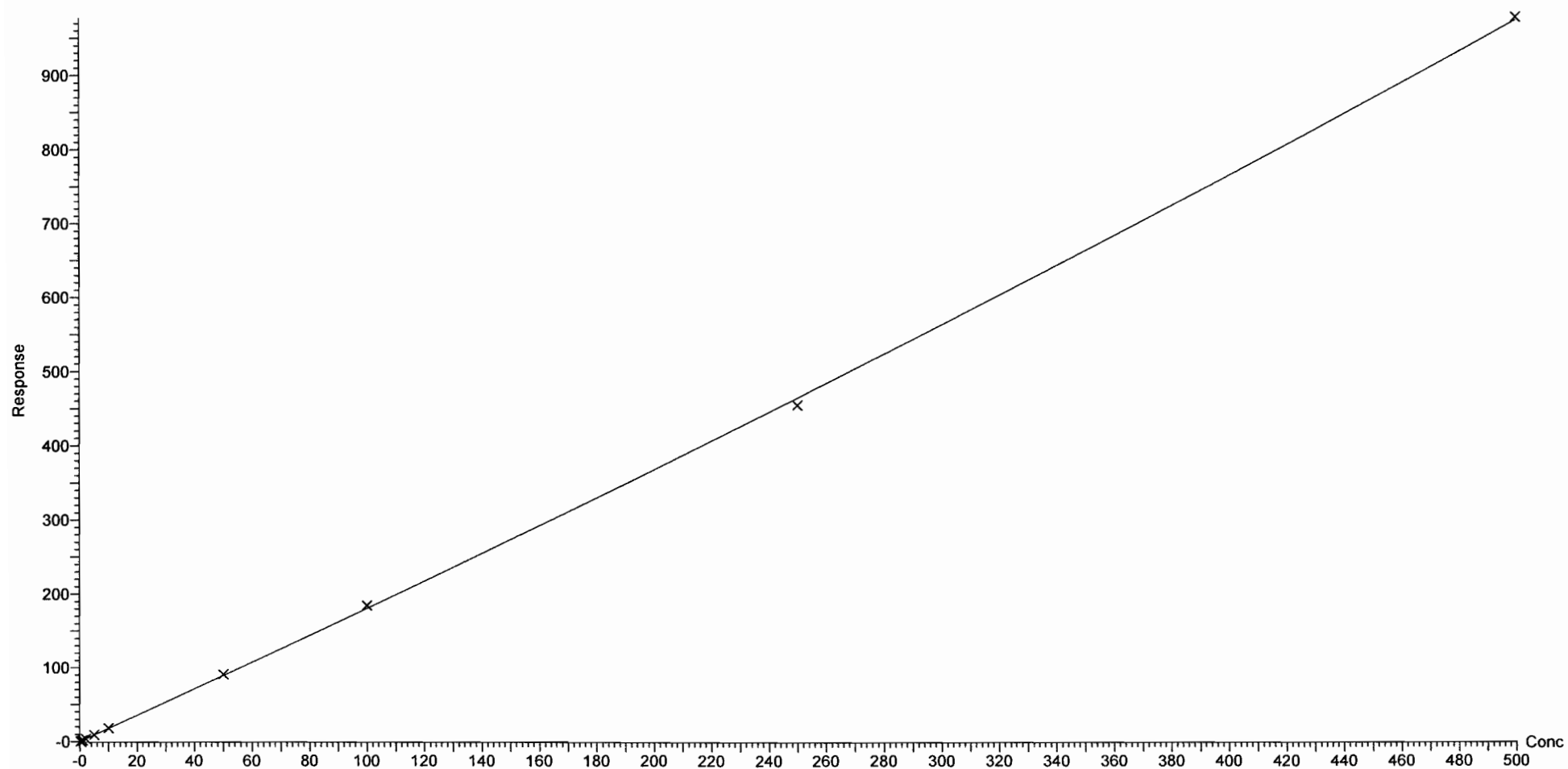


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

Compound name: PFBS
Coefficient of Determination: $R^2 = 0.999793$
Calibration curve: $0.000346701 * x^2 + 1.77253 * x + -0.0385365$
Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

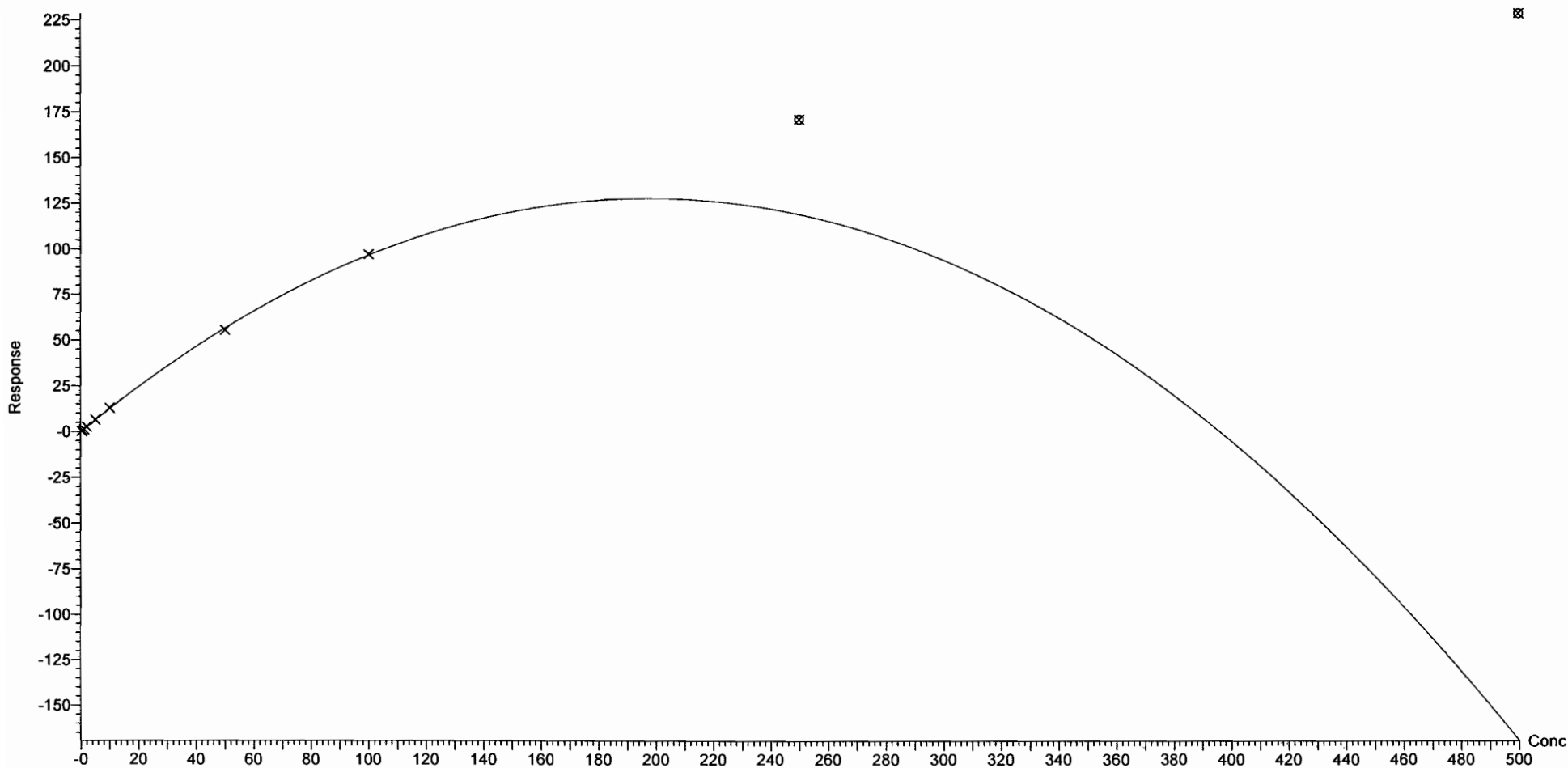


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

Compound name: 4:2 FTS
Coefficient of Determination: $R^2 = 0.999631$
Calibration curve: $-0.00325989 * x^2 + 1.2916 * x + -0.0242346$
Response type: Internal Std (Ref 39), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

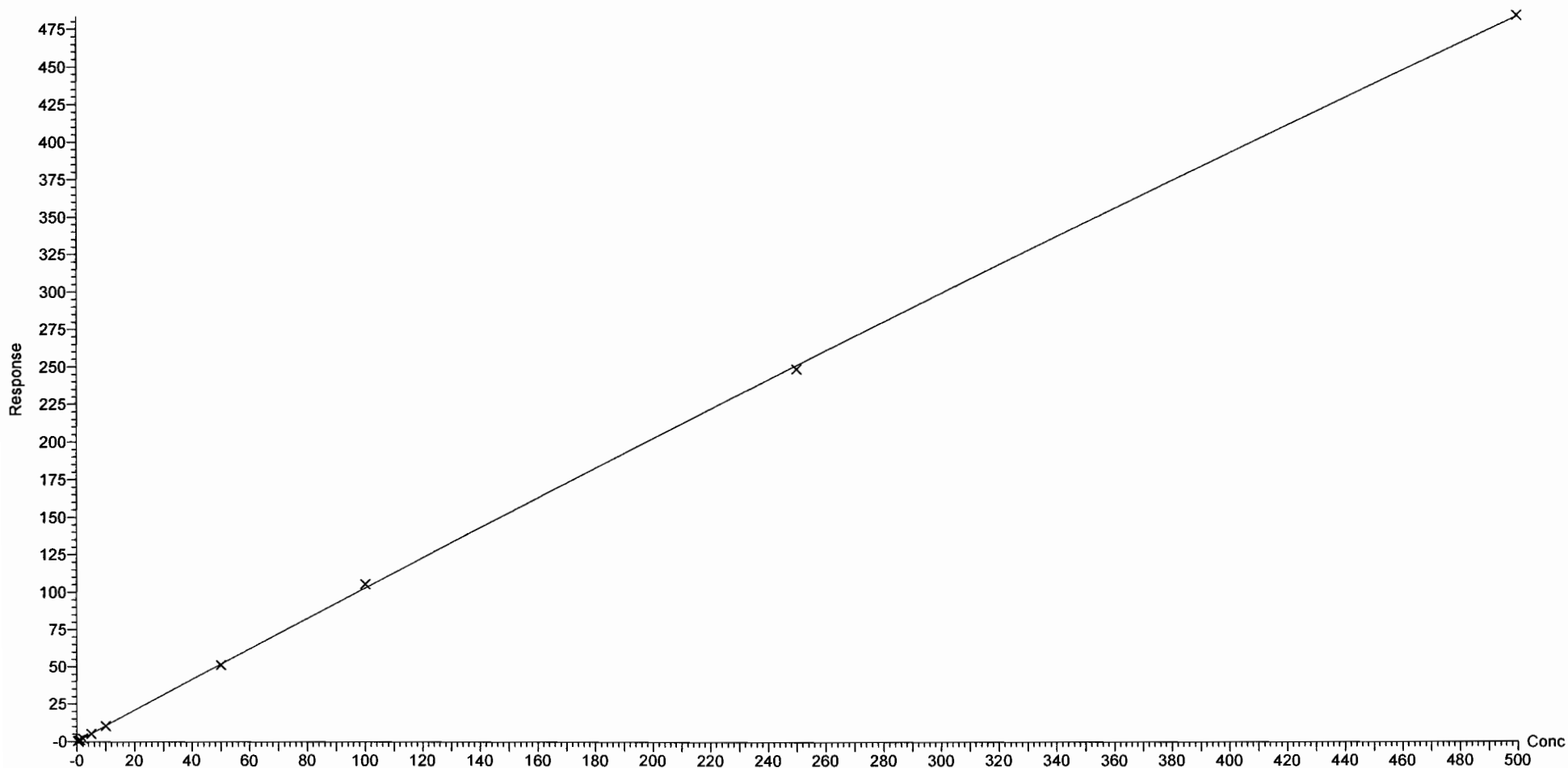


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

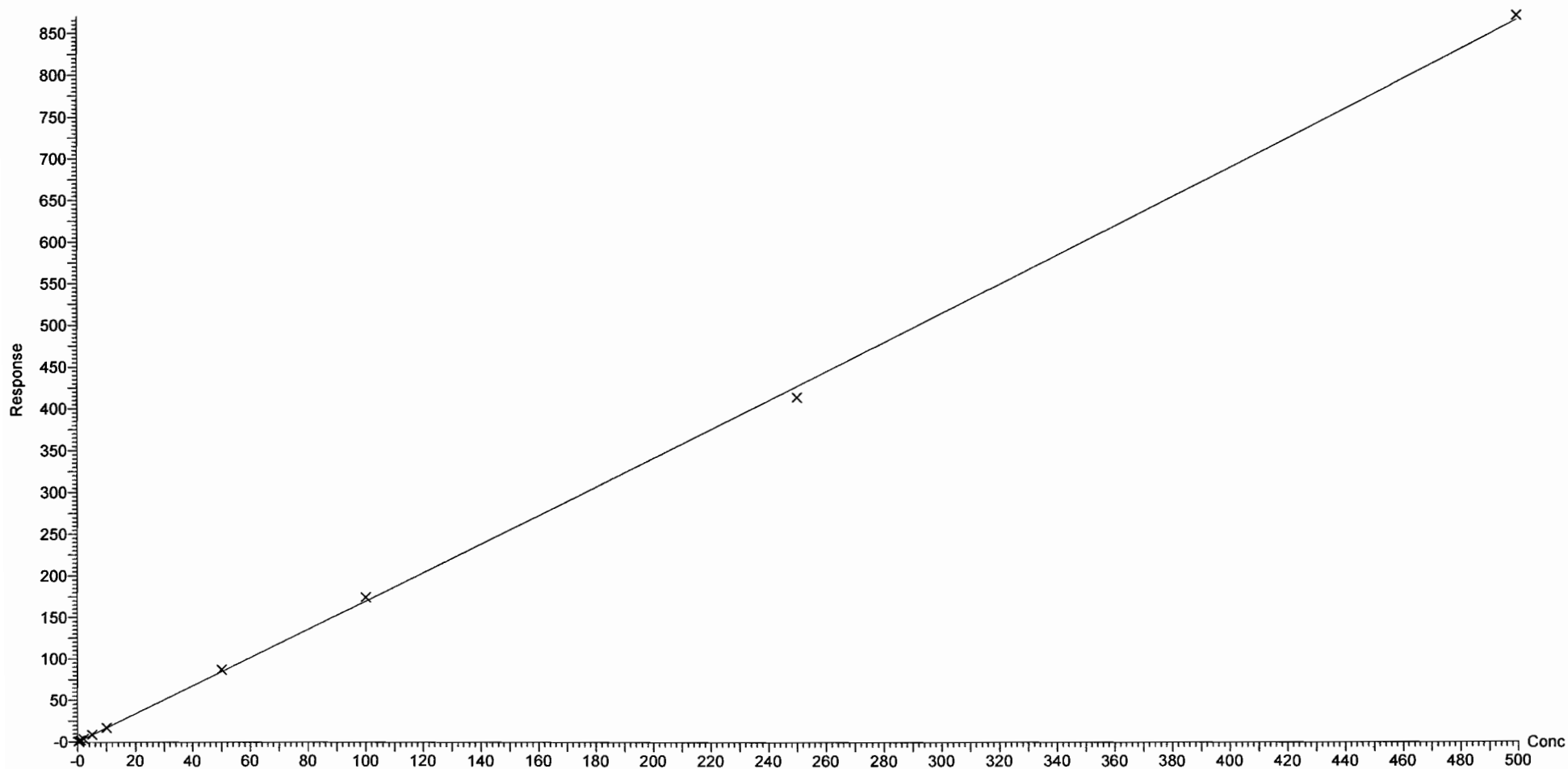
Compound name: PFHxA
Coefficient of Determination: $R^2 = 0.999880$
Calibration curve: $-0.000156088 * x^2 + 1.0431 * x + 0.00546658$
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

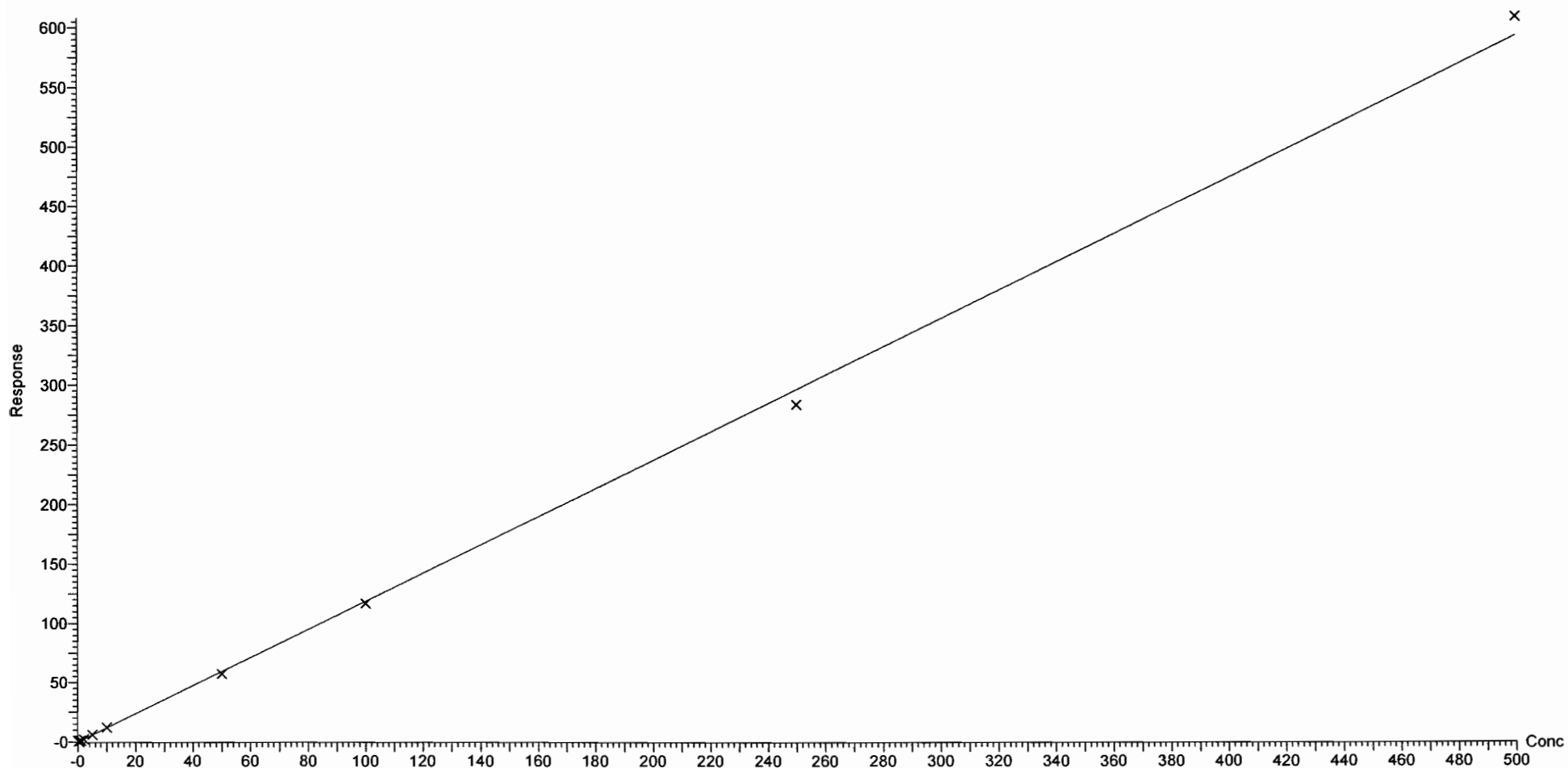
Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

Compound name: PFPeS
Coefficient of Determination: $R^2 = 0.999566$
Calibration curve: $8.44322e-005 * x^2 + 1.68686 * x + -0.0546864$
Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld
Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

Compound name: PFHpA
Correlation coefficient: $r = 0.999512$, $r^2 = 0.999024$
Calibration curve: $1.18448 * x + -0.00620416$
Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Vista Analytical Laboratory Q1

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

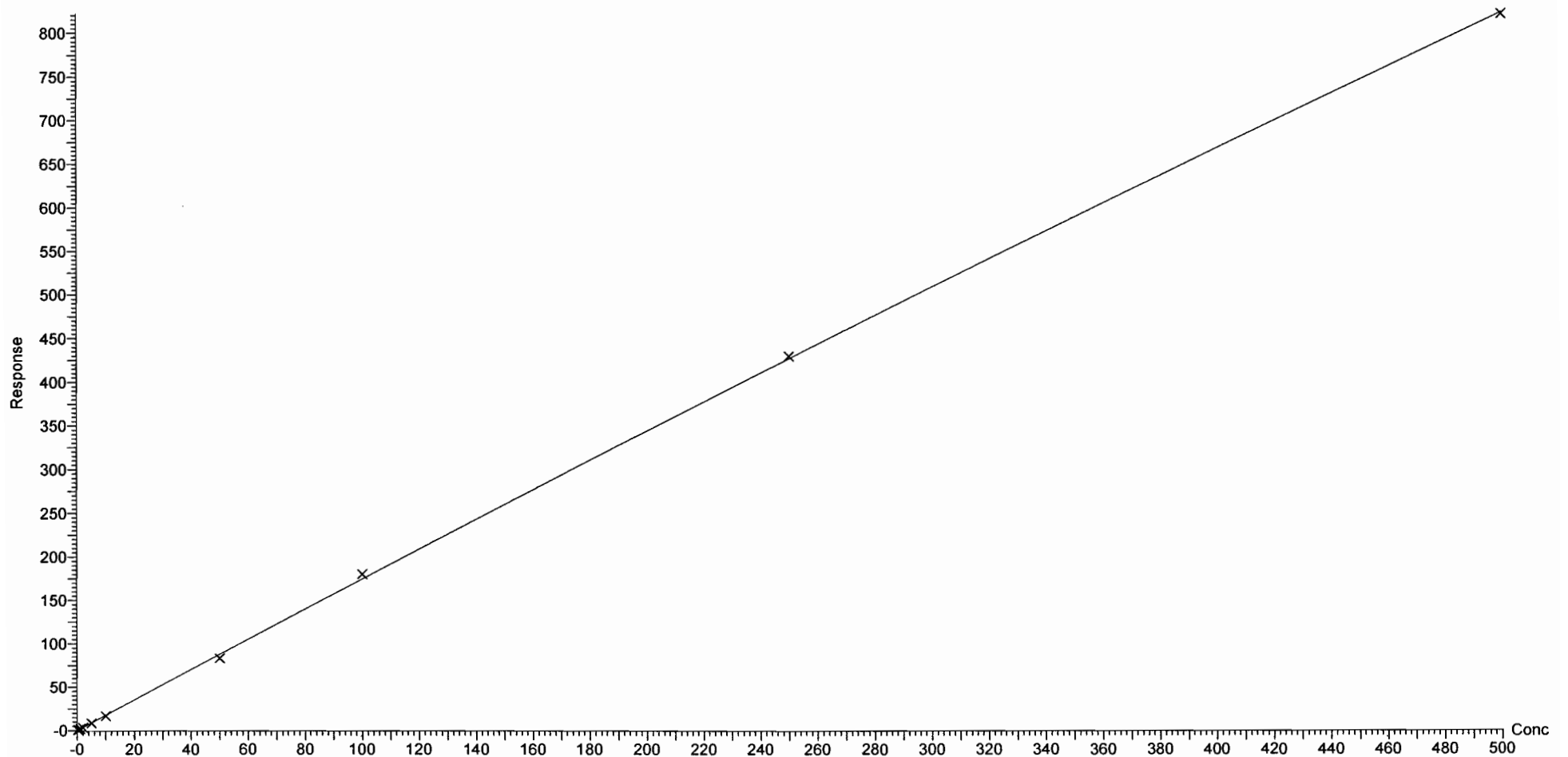
Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.999610$

Calibration curve: $-0.000257677 * x^2 + 1.77287 * x + -0.059628$

Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

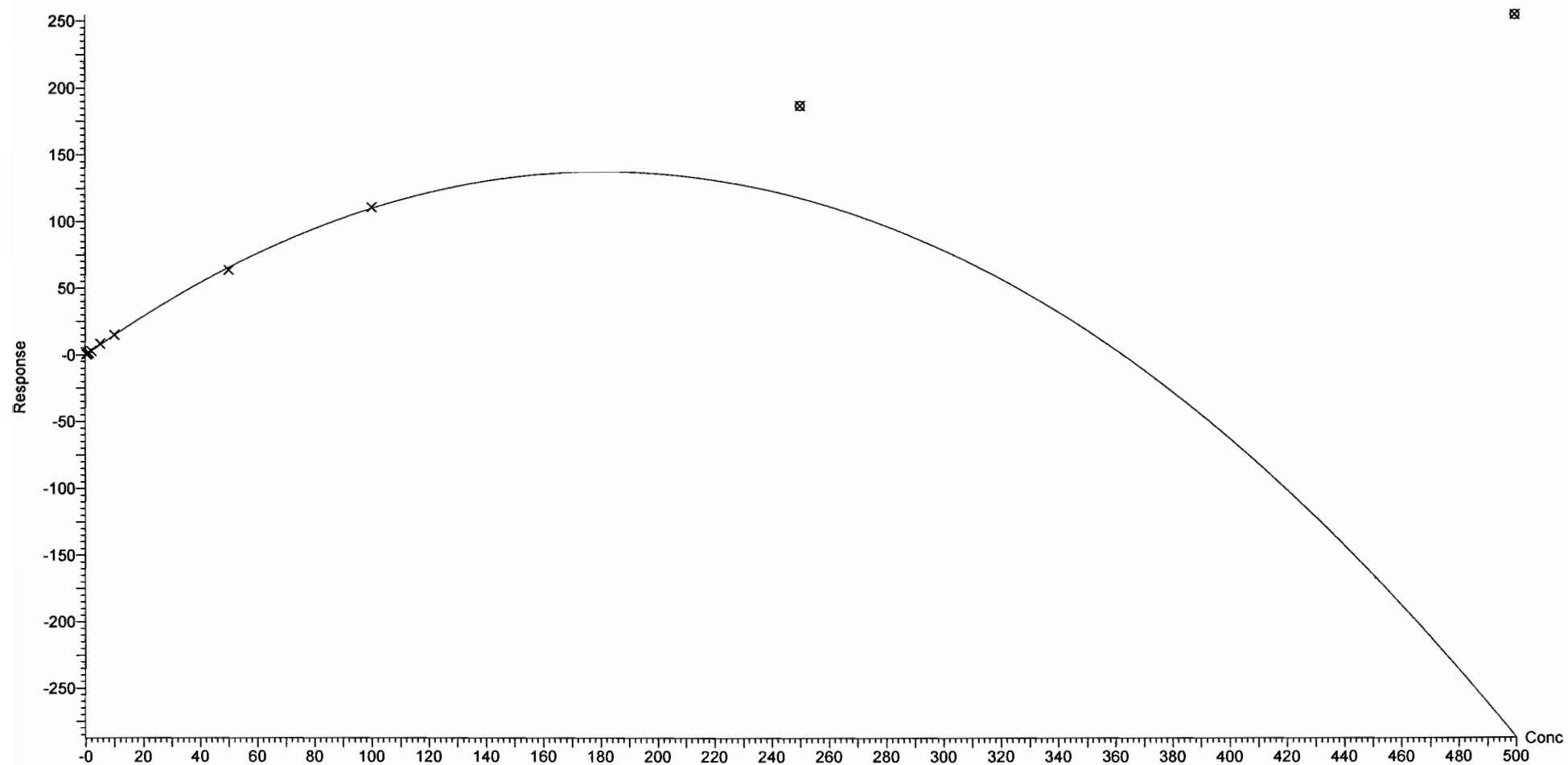


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

Compound name: 6:2 FTS
Coefficient of Determination: $R^2 = 0.999027$
Calibration curve: $-0.0041796 * x^2 + 1.5152 * x + 0.0221321$
Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

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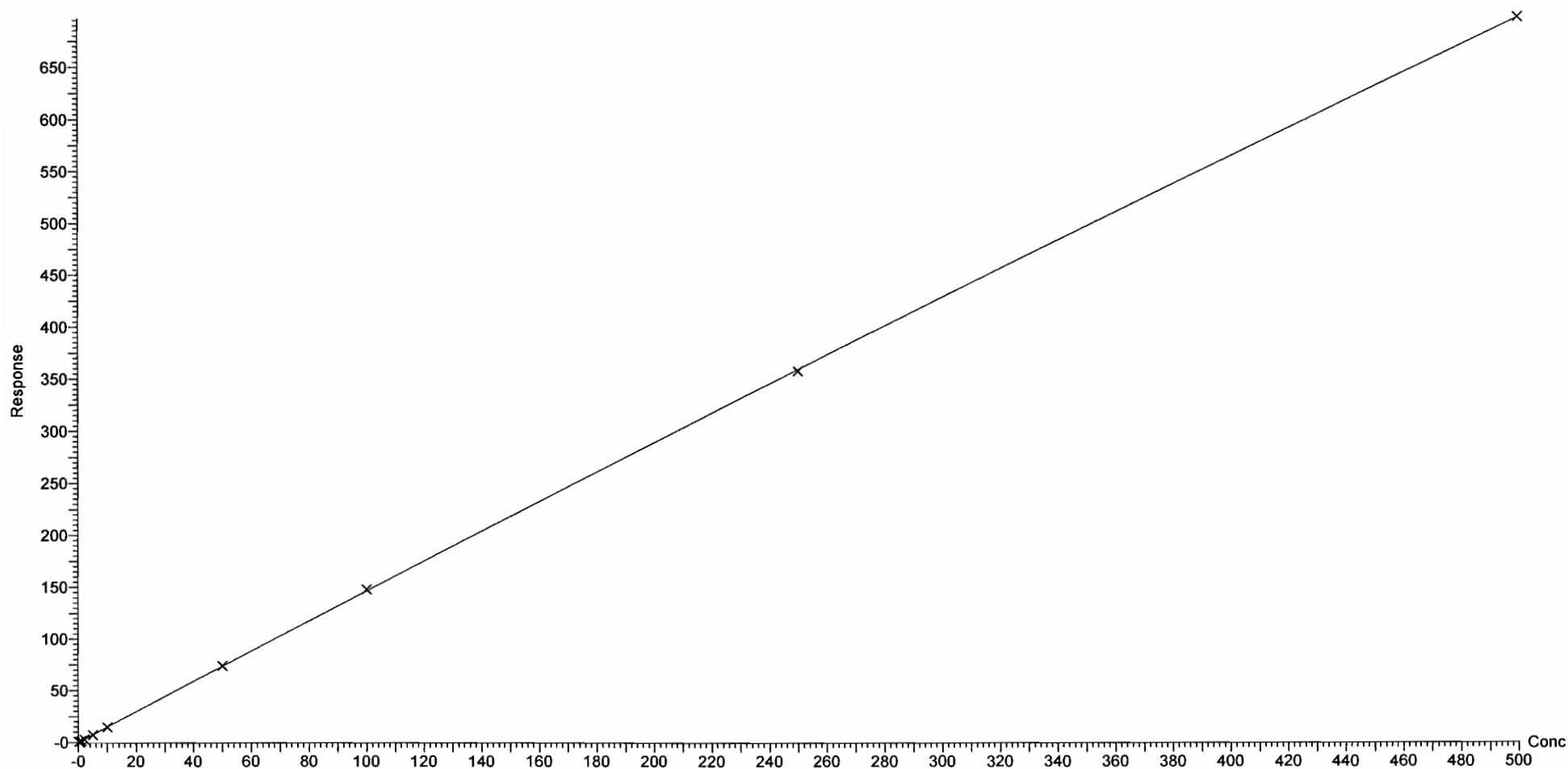
Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.999965$

Calibration curve: $-0.000175483 * x^2 + 1.48011 * x + 0.0693927$

Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

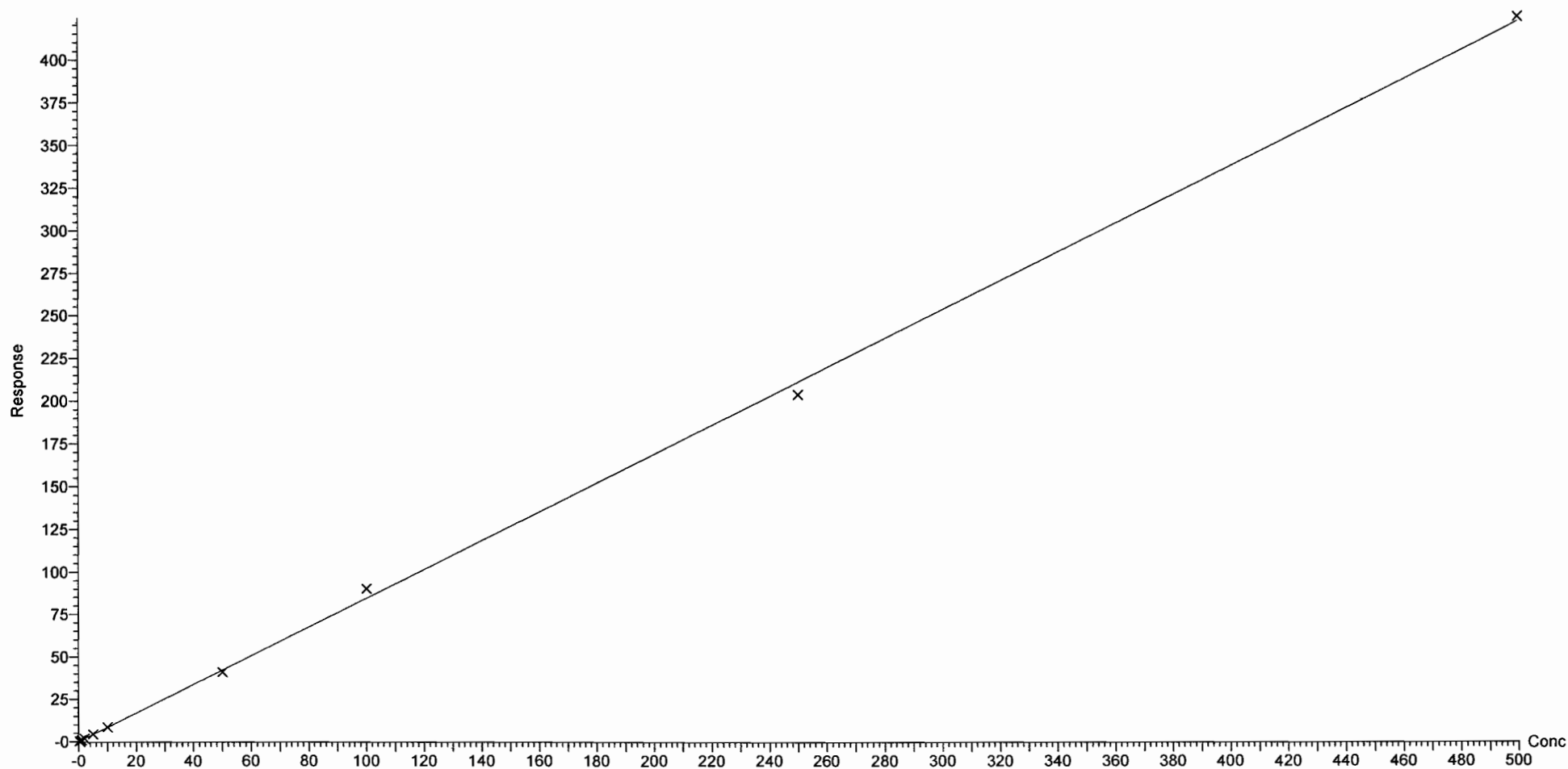


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

Compound name: PFHpS
Coefficient of Determination: $R^2 = 0.999036$
Calibration curve: $-5.0368e-006 * x^2 + 0.845952 * x + 0.0168304$
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

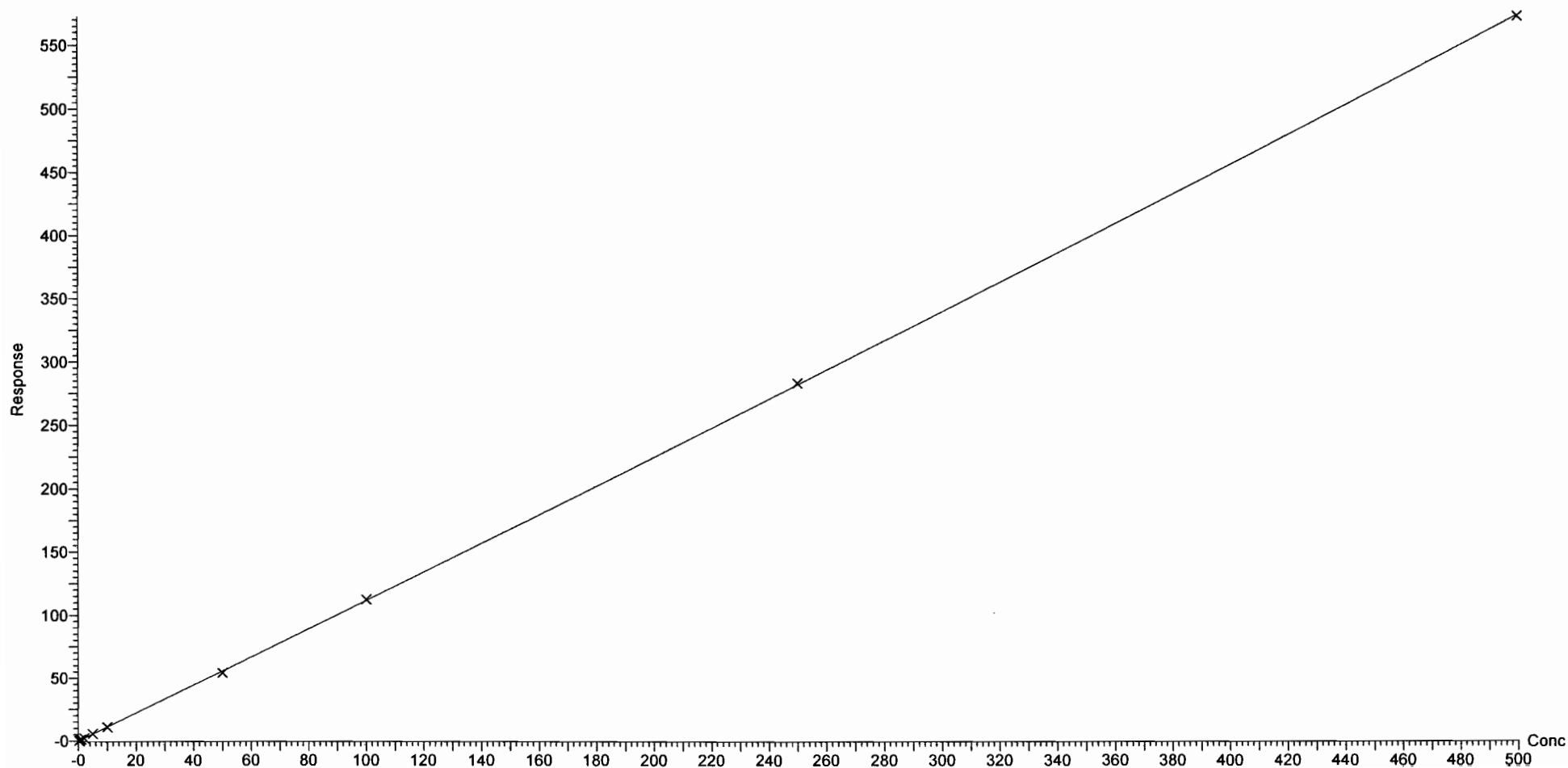
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999945$

Calibration curve: $7.05929e-005 * x^2 + 1.10954 * x + 0.0155984$

Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

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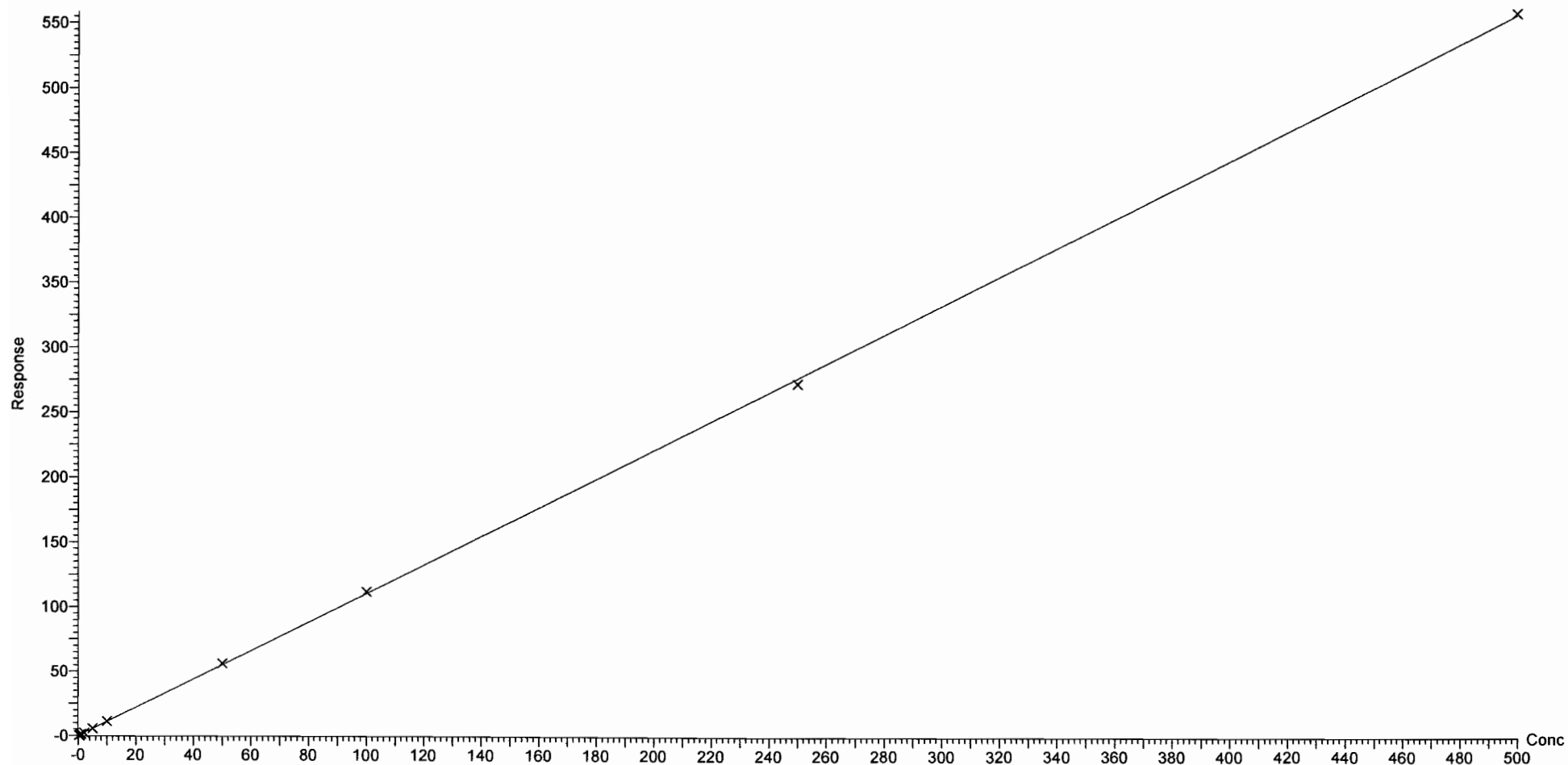
Compound name: PFOSA

Coefficient of Determination: $R^2 = 0.999884$

Calibration curve: $2.19973e-005 * x^2 + 1.10259 * x + -0.0200619$

Response type: Internal Std (Ref 46), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

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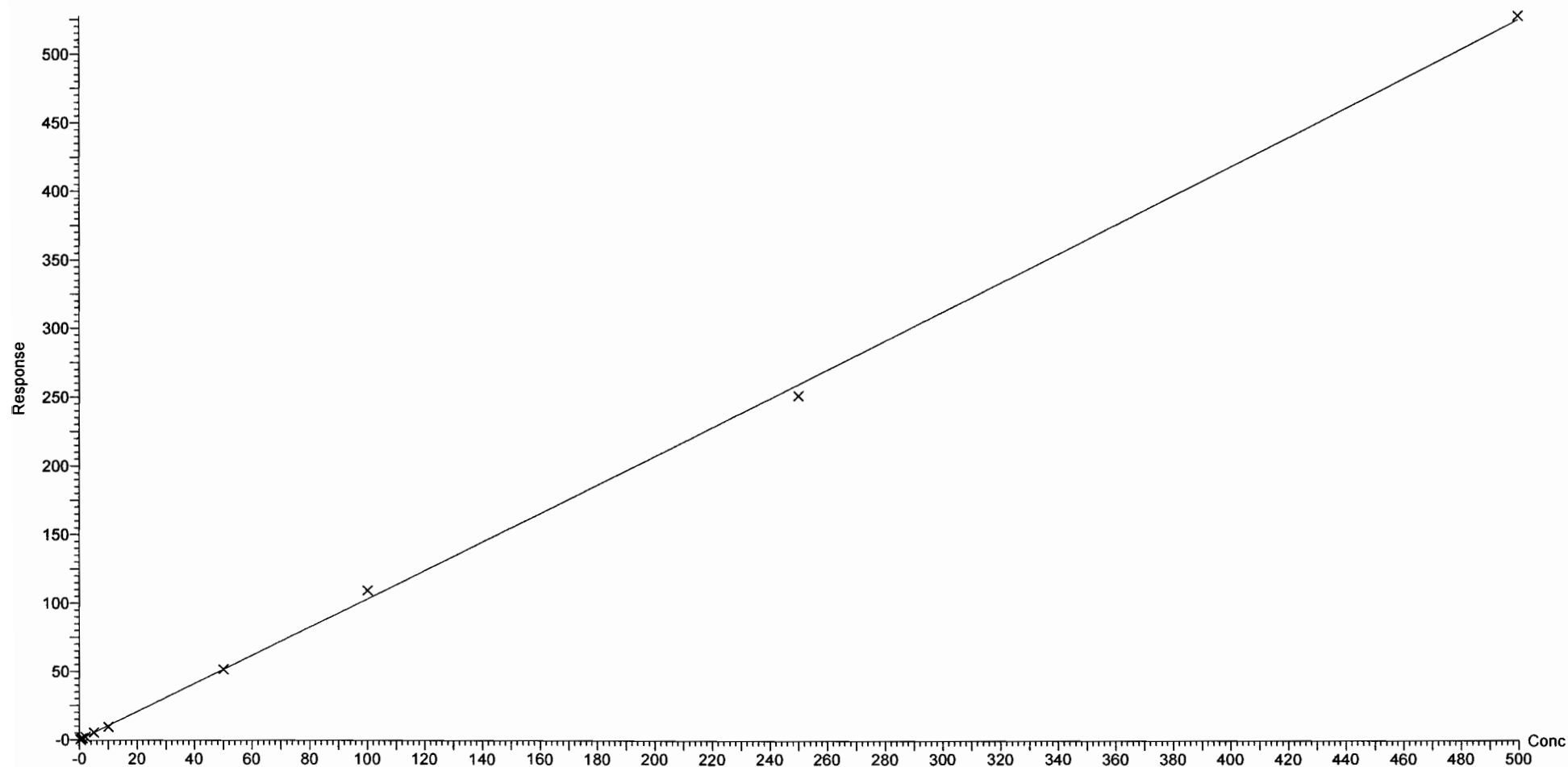
Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.999187$

Calibration curve: $4.13453e-005 * x^2 + 1.02793 * x + 0.0519652$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

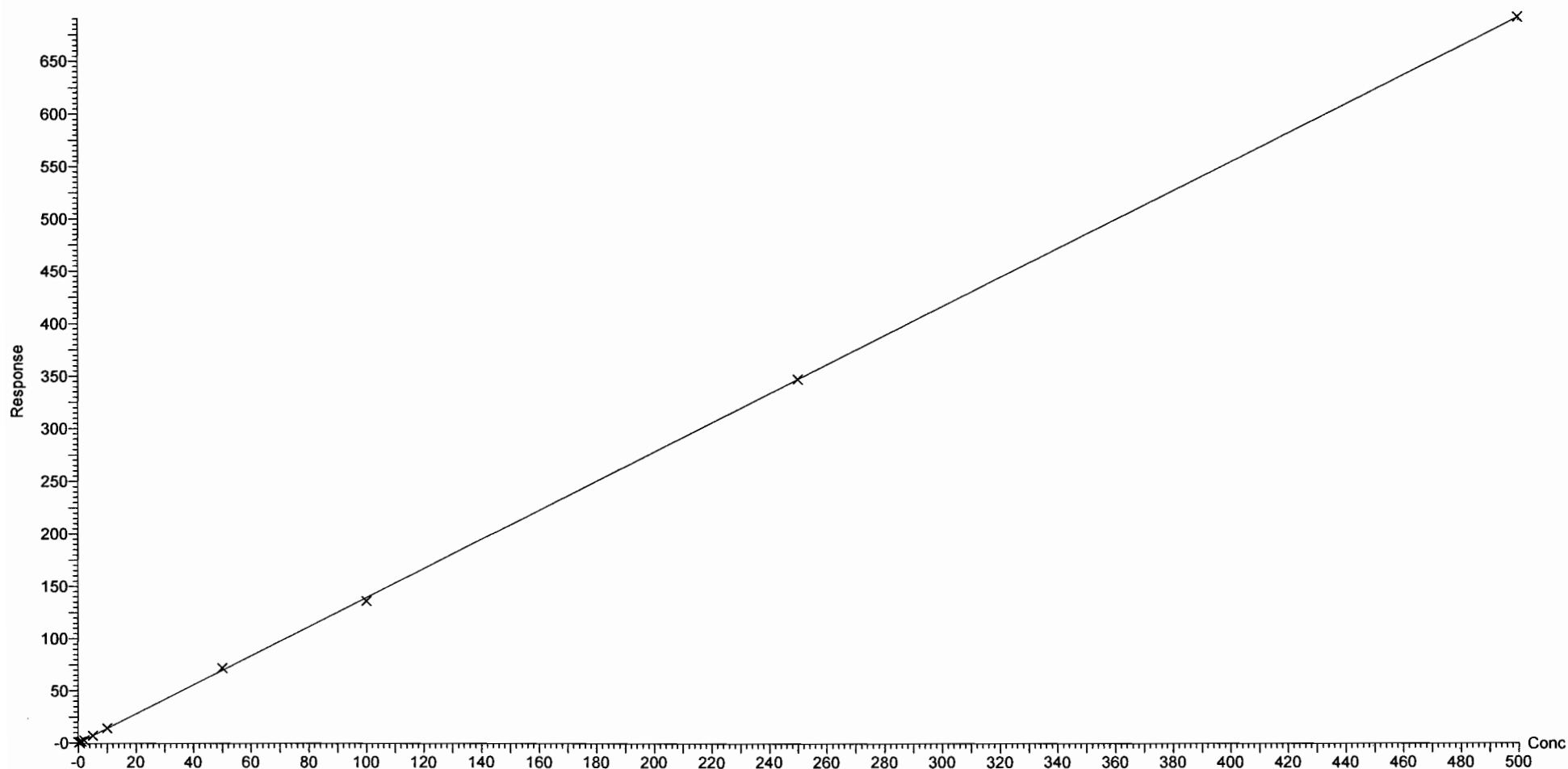


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

Compound name: PFDA
Coefficient of Determination: $R^2 = 0.999864$
Calibration curve: $-3.22197e-005 * x^2 + 1.39633 * x + 0.0226118$
Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

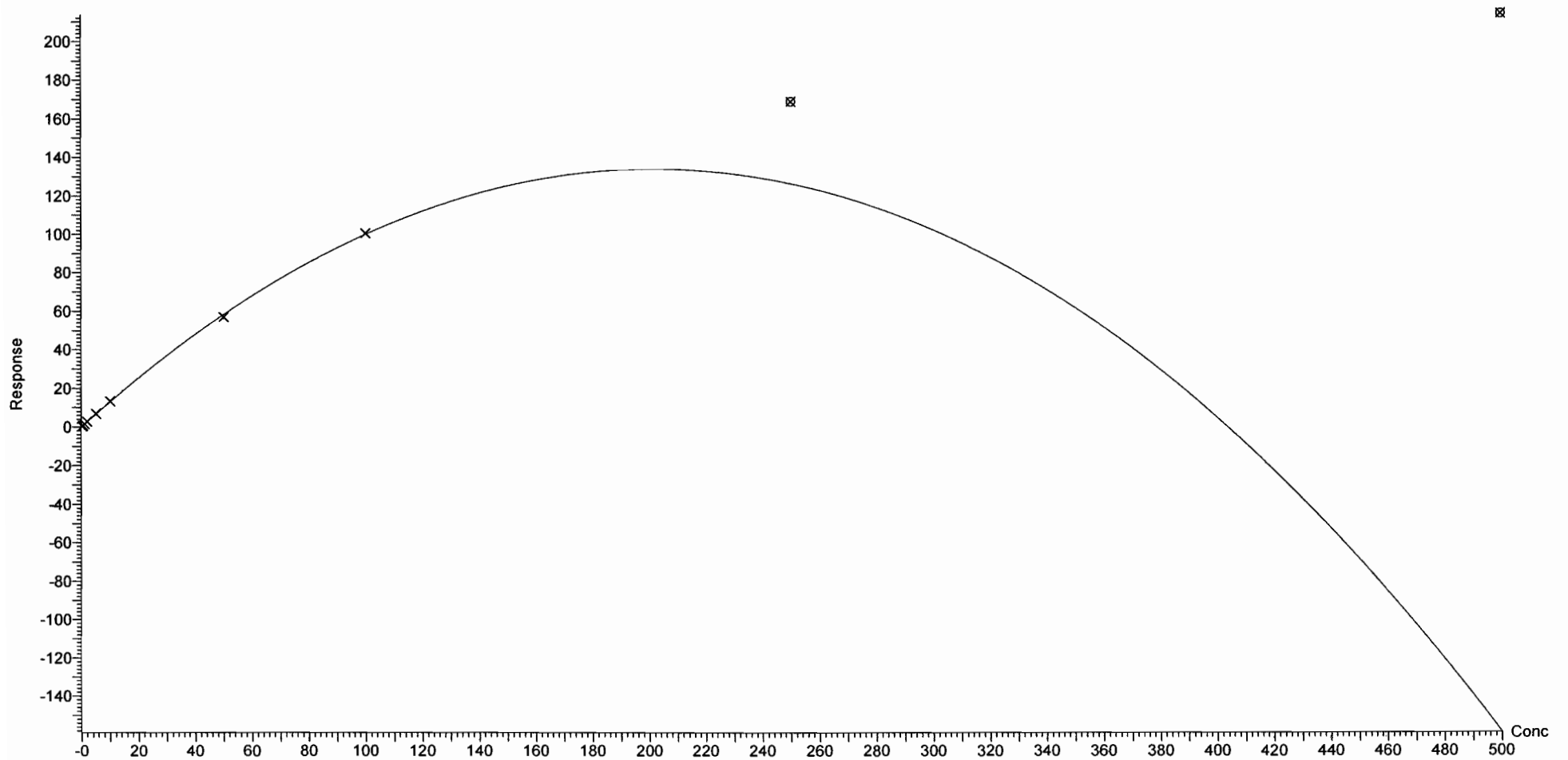


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

Compound name: 8:2 FTS
Coefficient of Determination: $R^2 = 0.999431$
Calibration curve: $-0.00328761 * x^2 + 1.32635 * x + 0.0644627$
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

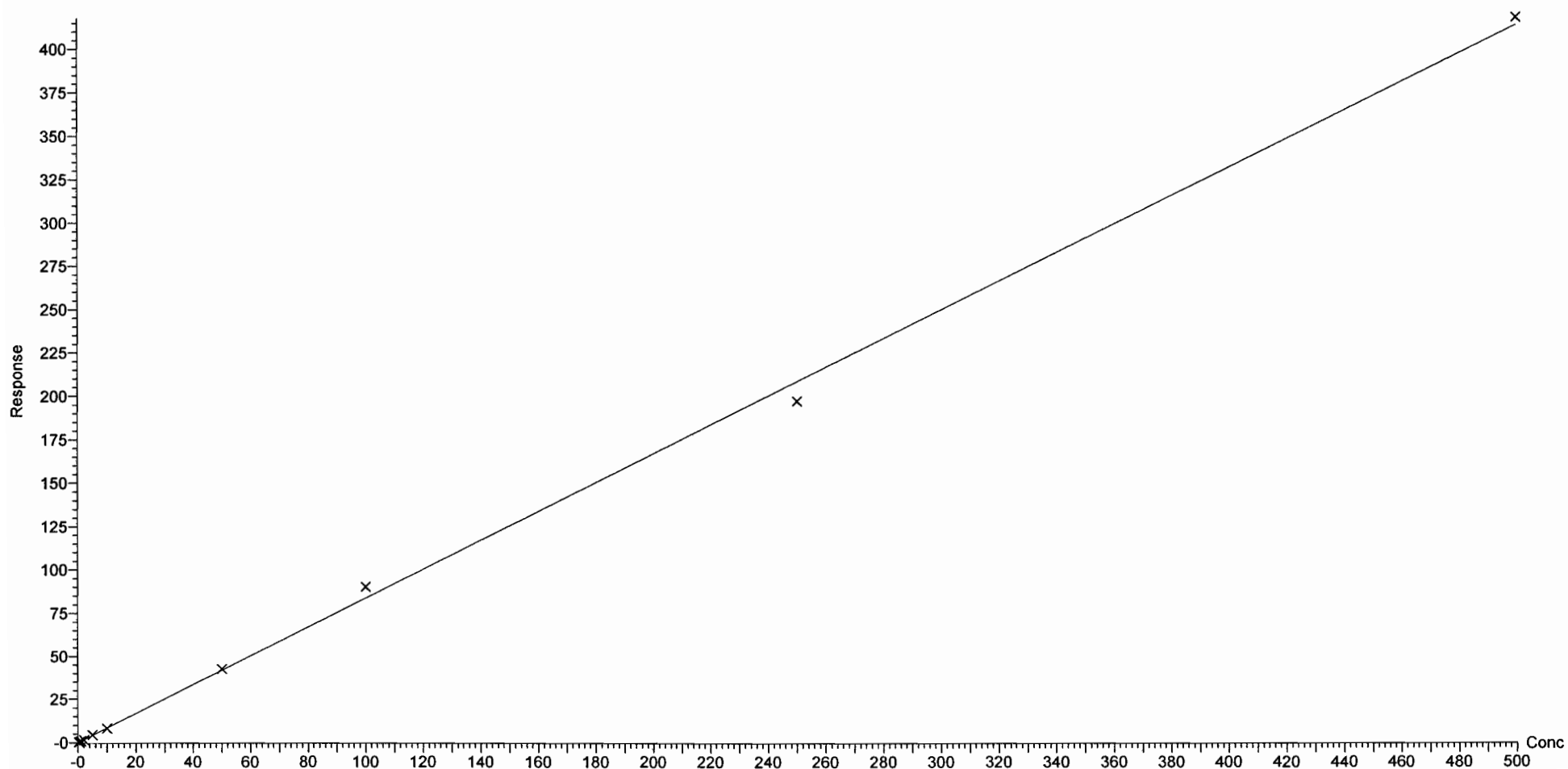
Compound name: PFNS

Coefficient of Determination: $R^2 = 0.998373$

Calibration curve: $-2.83541e-005 * x^2 + 0.841074 * x + -0.0220191$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

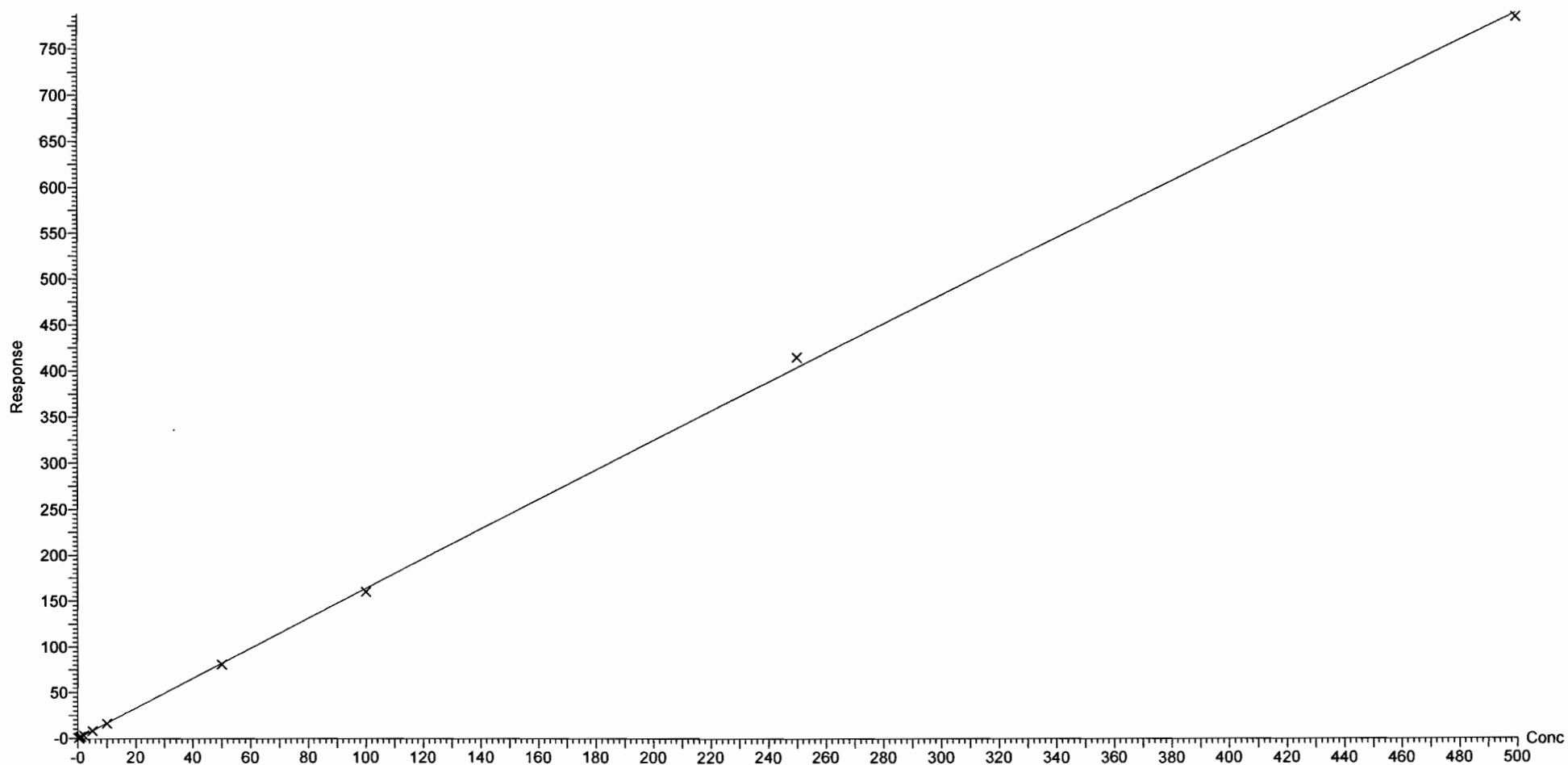


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

Compound name: L-MeFOSAA
Coefficient of Determination: $R^2 = 0.999647$
Calibration curve: $-0.000156319 * x^2 + 1.65333 * x + -0.0630151$
Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

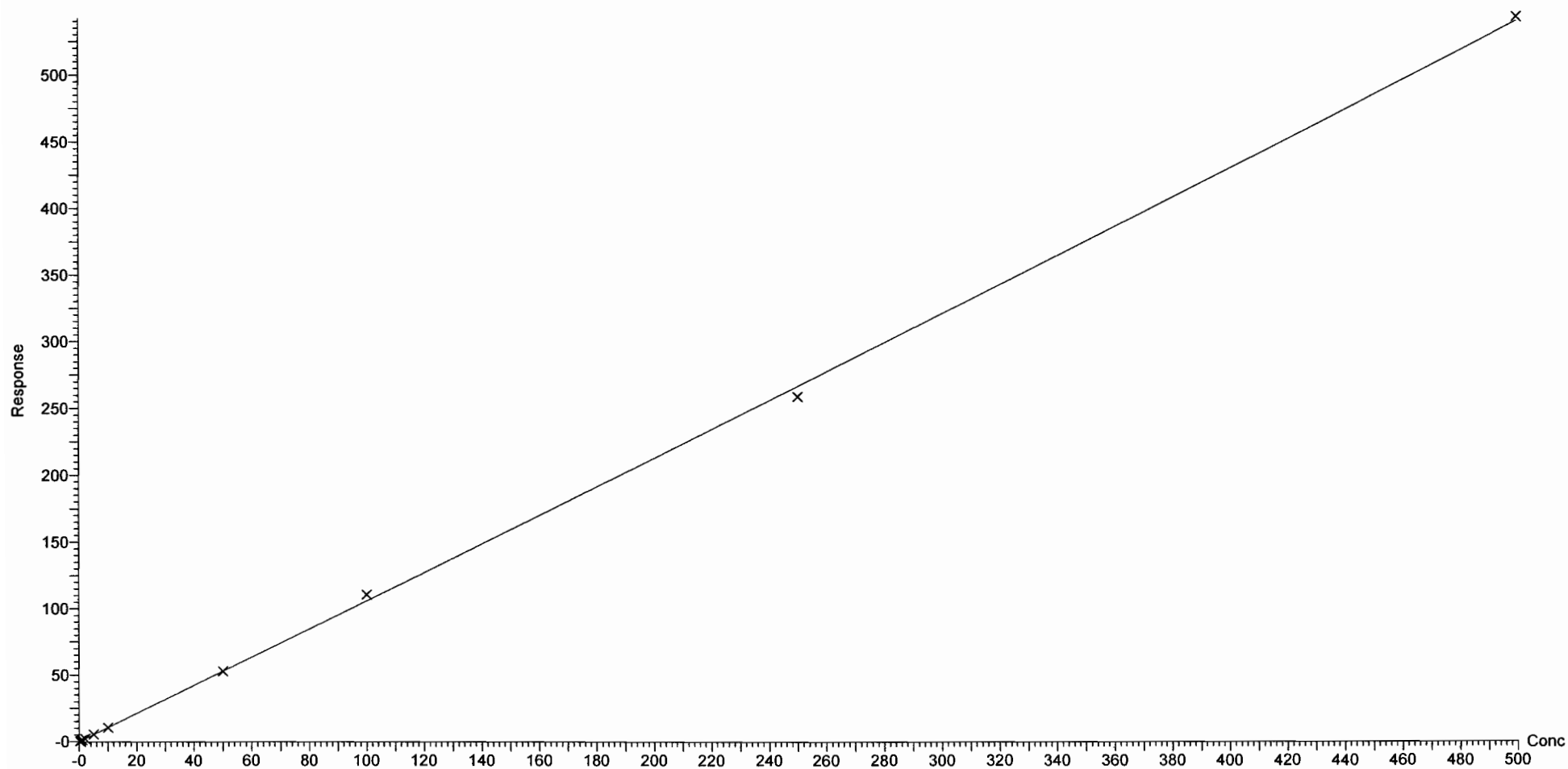


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:39 Pacific Daylight Time

Compound name: L-EtFOSAA
Coefficient of Determination: $R^2 = 0.999497$
Calibration curve: $4.94956e-005 * x^2 + 1.05362 * x + -0.0169817$
Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

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Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 11 Sep 2018 11:40:50

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

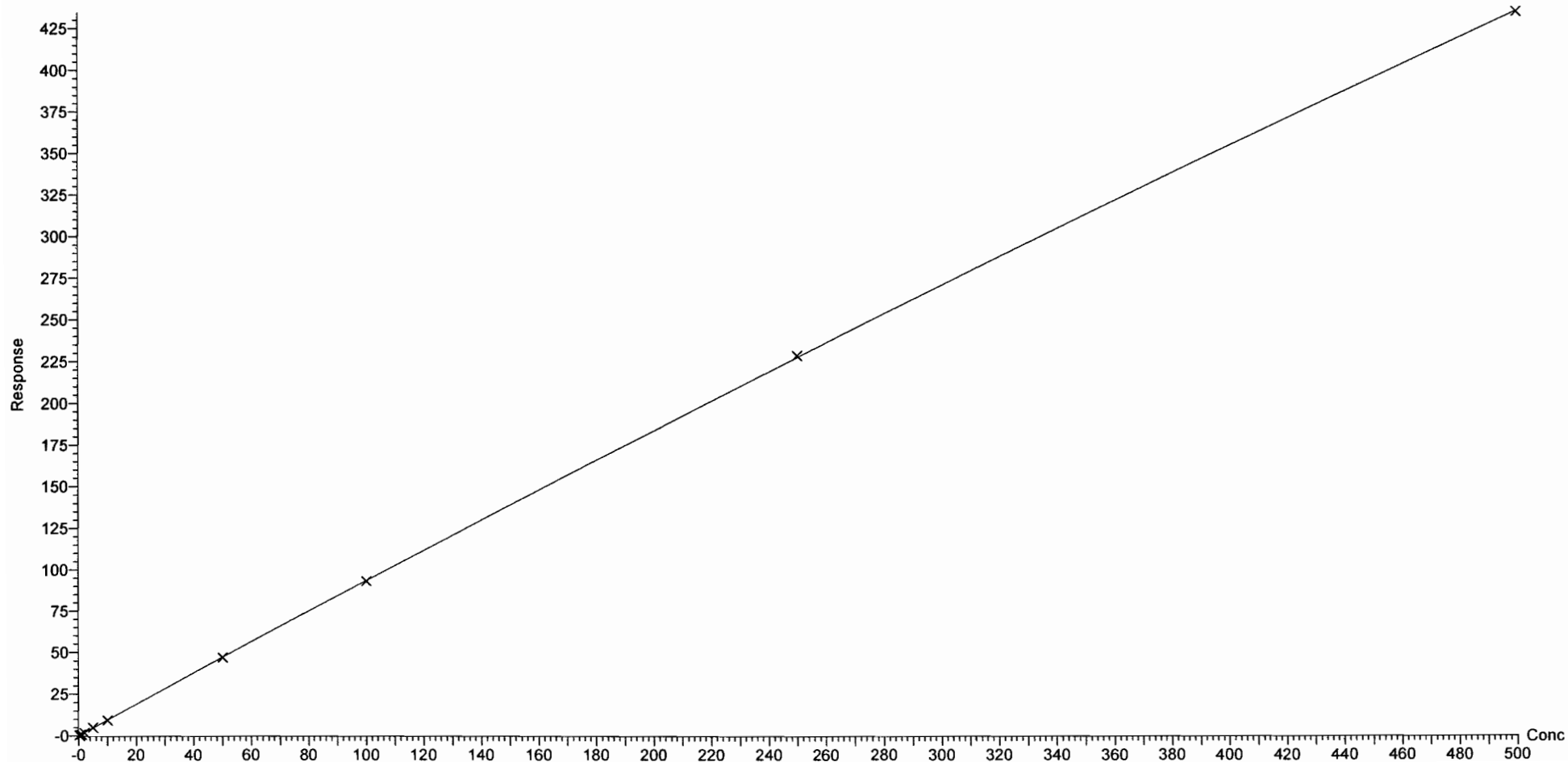
Compound name: PFUdA

Coefficient of Determination: $R^2 = 0.999961$

Calibration curve: $-0.000163449 * x^2 + 0.950495 * x + 0.0386271$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:49 Pacific Daylight Time

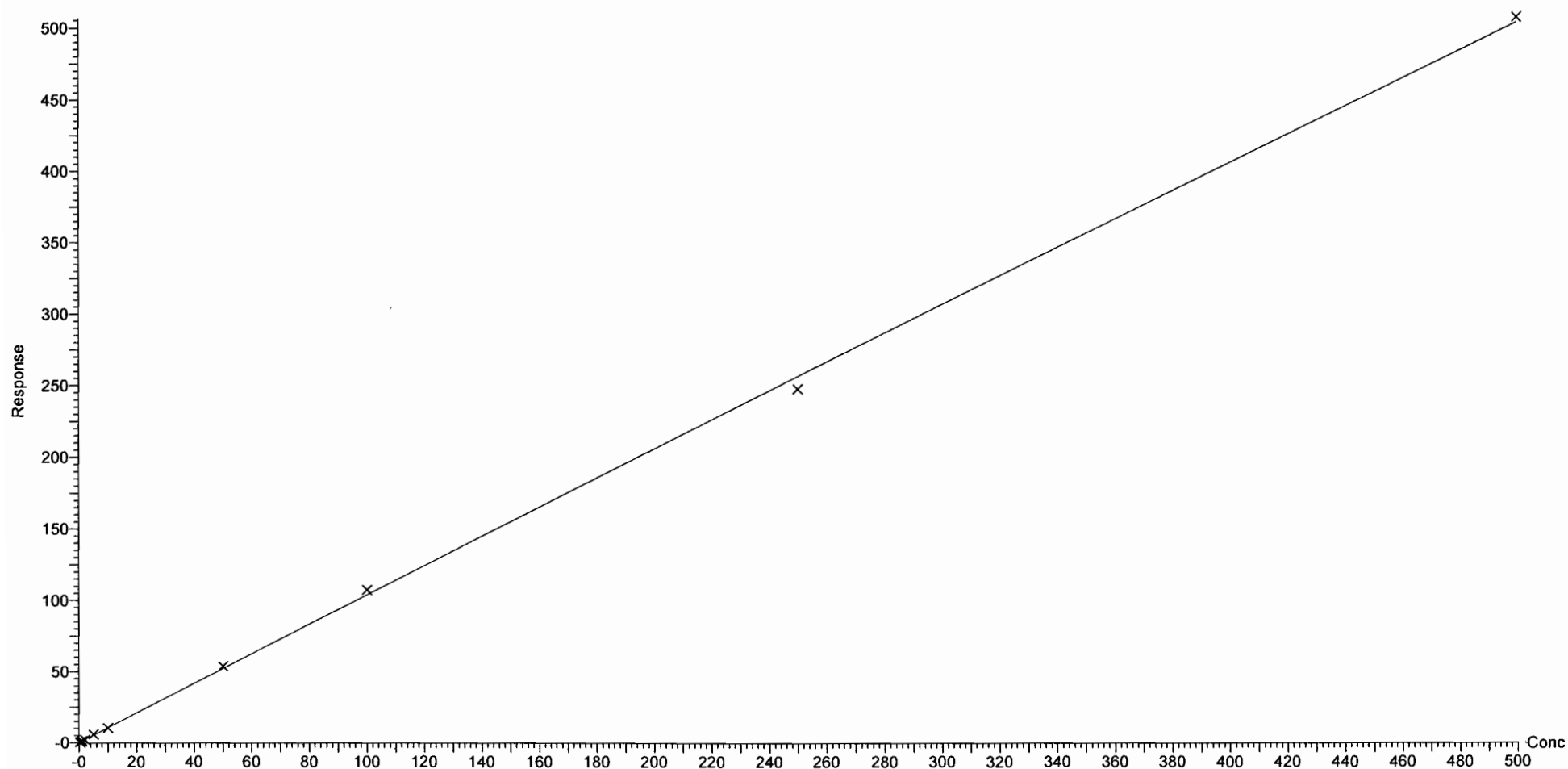
Compound name: PFDS

Coefficient of Determination: $R^2 = 0.999340$

Calibration curve: $-8.07848e-005 * x^2 + 1.04627 * x + 0.052622$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

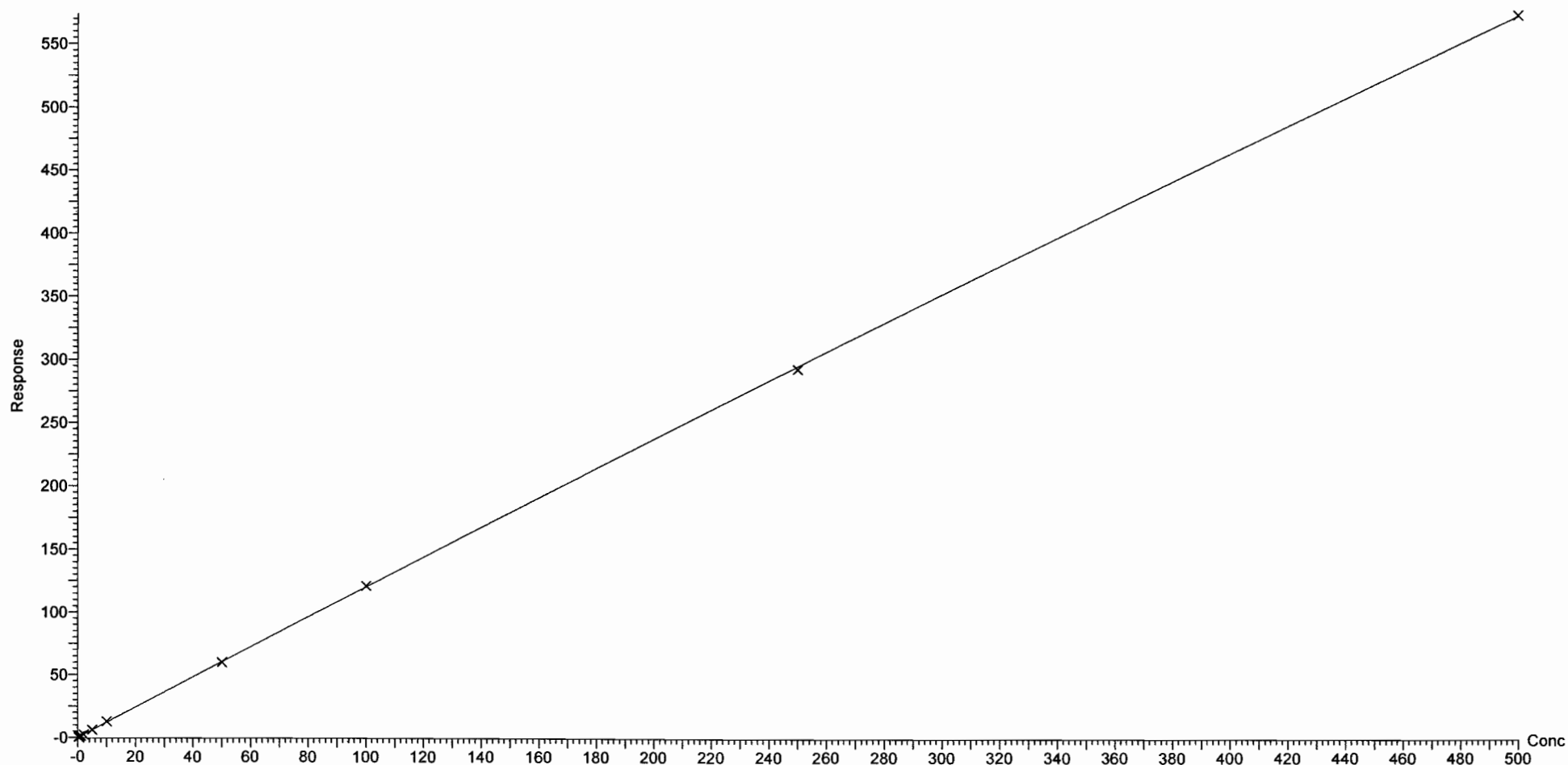


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:49 Pacific Daylight Time

Compound name: PFDoA
Coefficient of Determination: $R^2 = 0.999936$
Calibration curve: $-0.000143708 * x^2 + 1.21707 * x + 0.0323973$
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

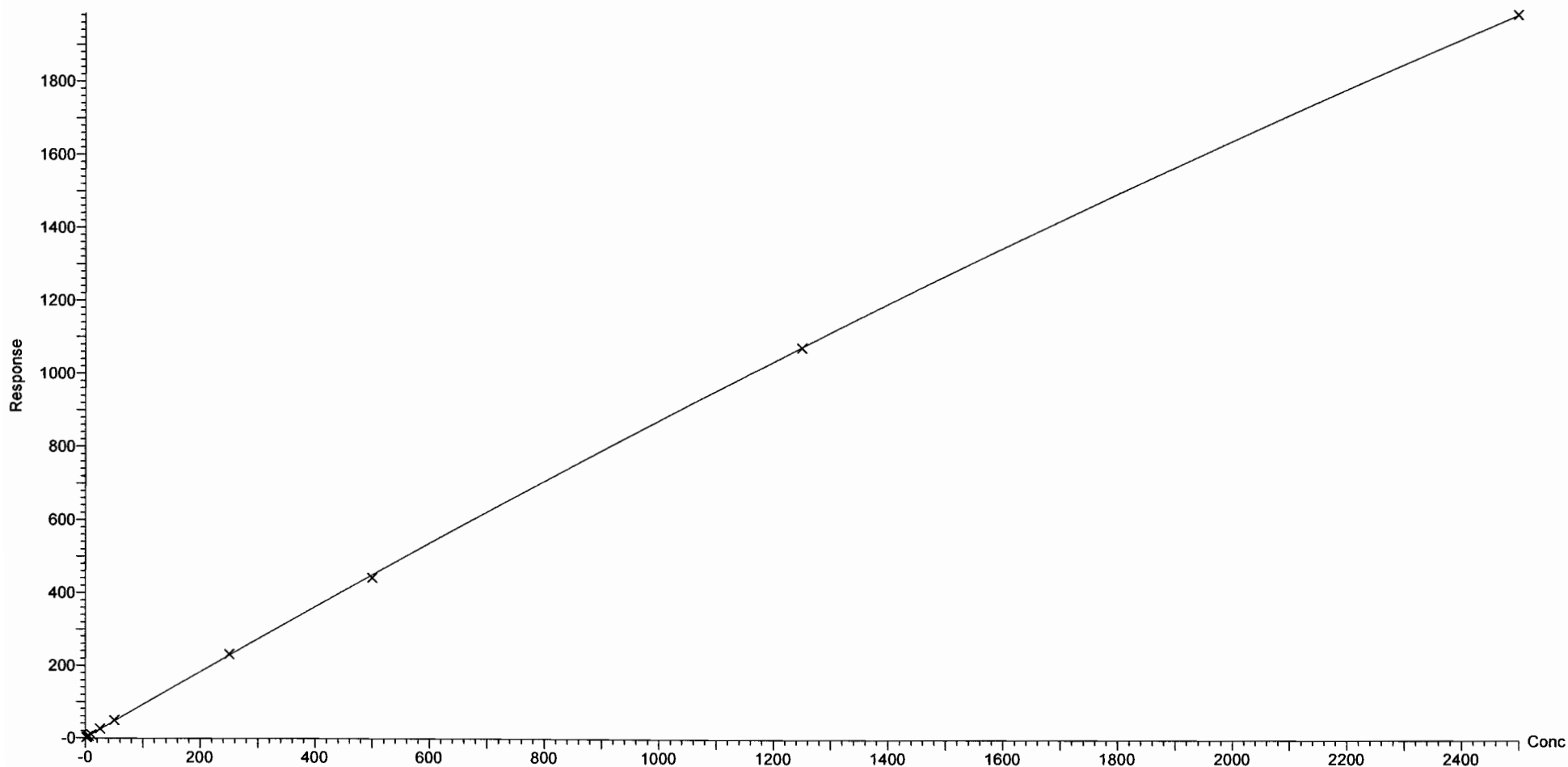


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:49 Pacific Daylight Time

Compound name: N-MeFOSA
Coefficient of Determination: $R^2 = 0.999804$
Calibration curve: $-5.31562e-005 * x^2 + 0.92622 * x + 0.298865$
Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

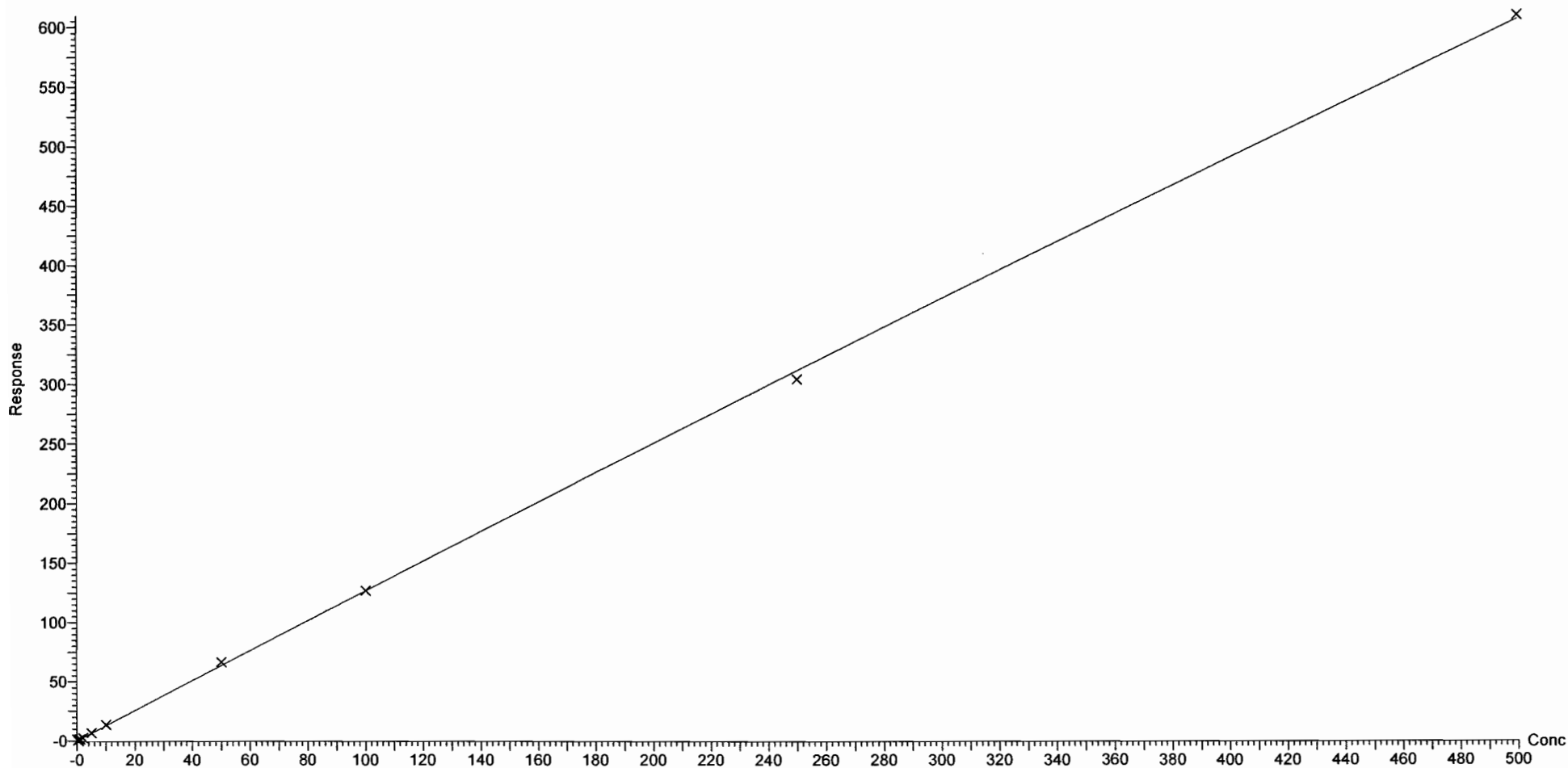


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:49 Pacific Daylight Time

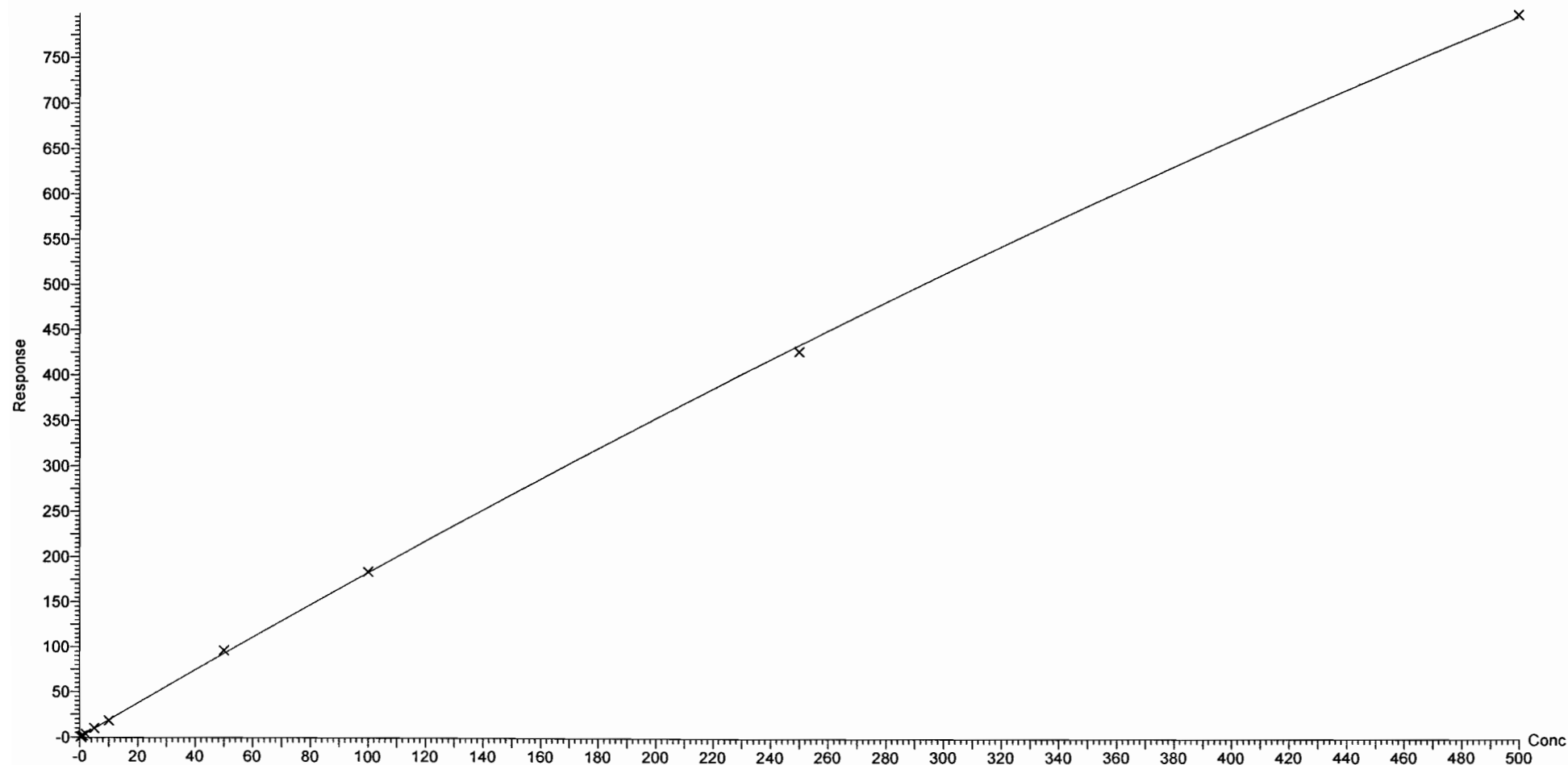
Compound name: PFTTrDA
Coefficient of Determination: $R^2 = 0.999664$
Calibration curve: $-0.000137475 * x^2 + 1.28075 * x + 0.0670487$
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

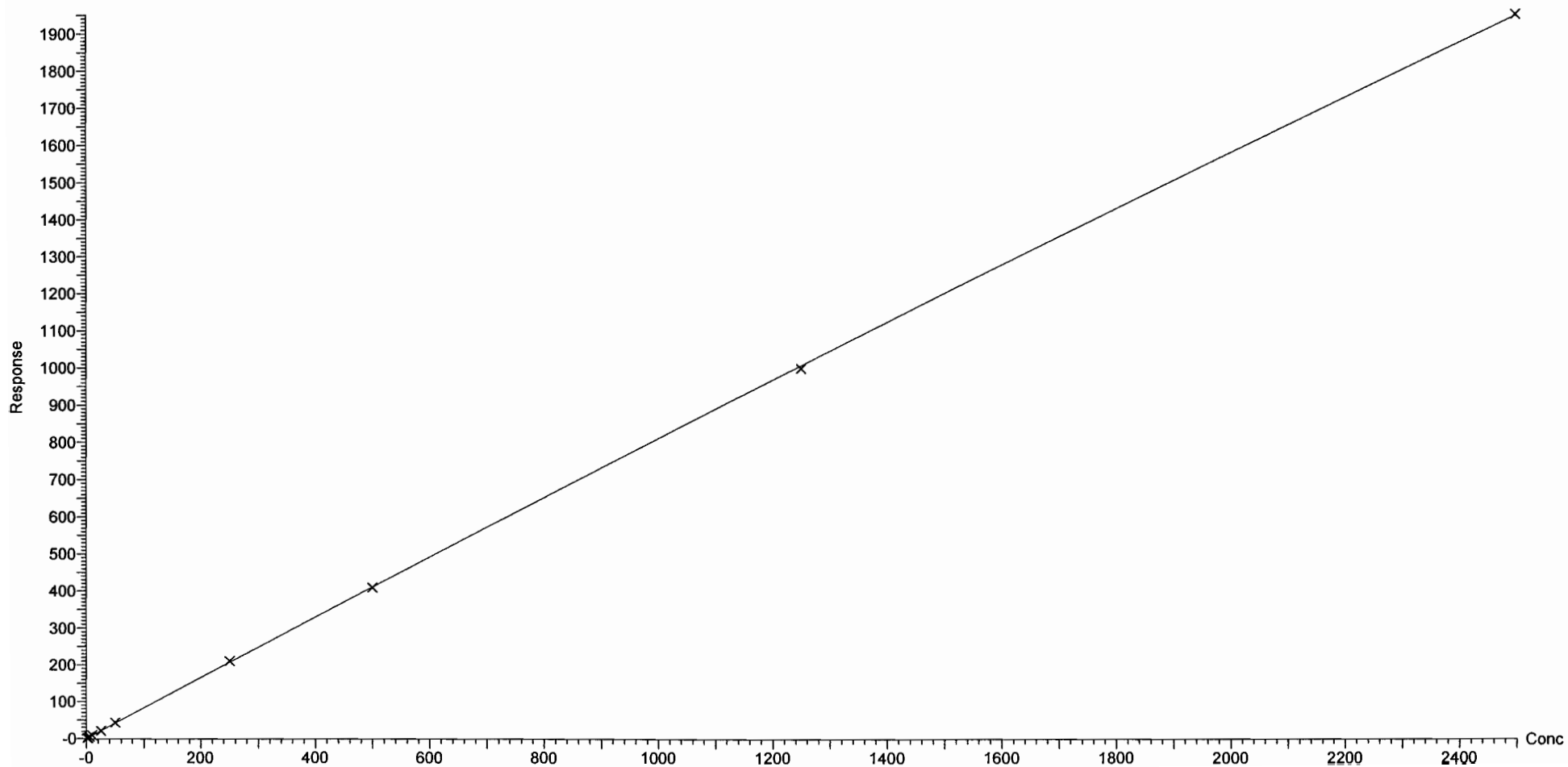
Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:45:49 Pacific Daylight Time

Compound name: PFTeDA
Coefficient of Determination: $R^2 = 0.999789$
Calibration curve: $-0.00058139 * x^2 + 1.88165 * x + 0.063267$
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld
Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:45:49 Pacific Daylight Time

Compound name: N-EtFOSA
Coefficient of Determination: $R^2 = 0.999918$
Calibration curve: $-2.14225e-005 * x^2 + 0.832258 * x + 0.10336$
Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:49 Pacific Daylight Time

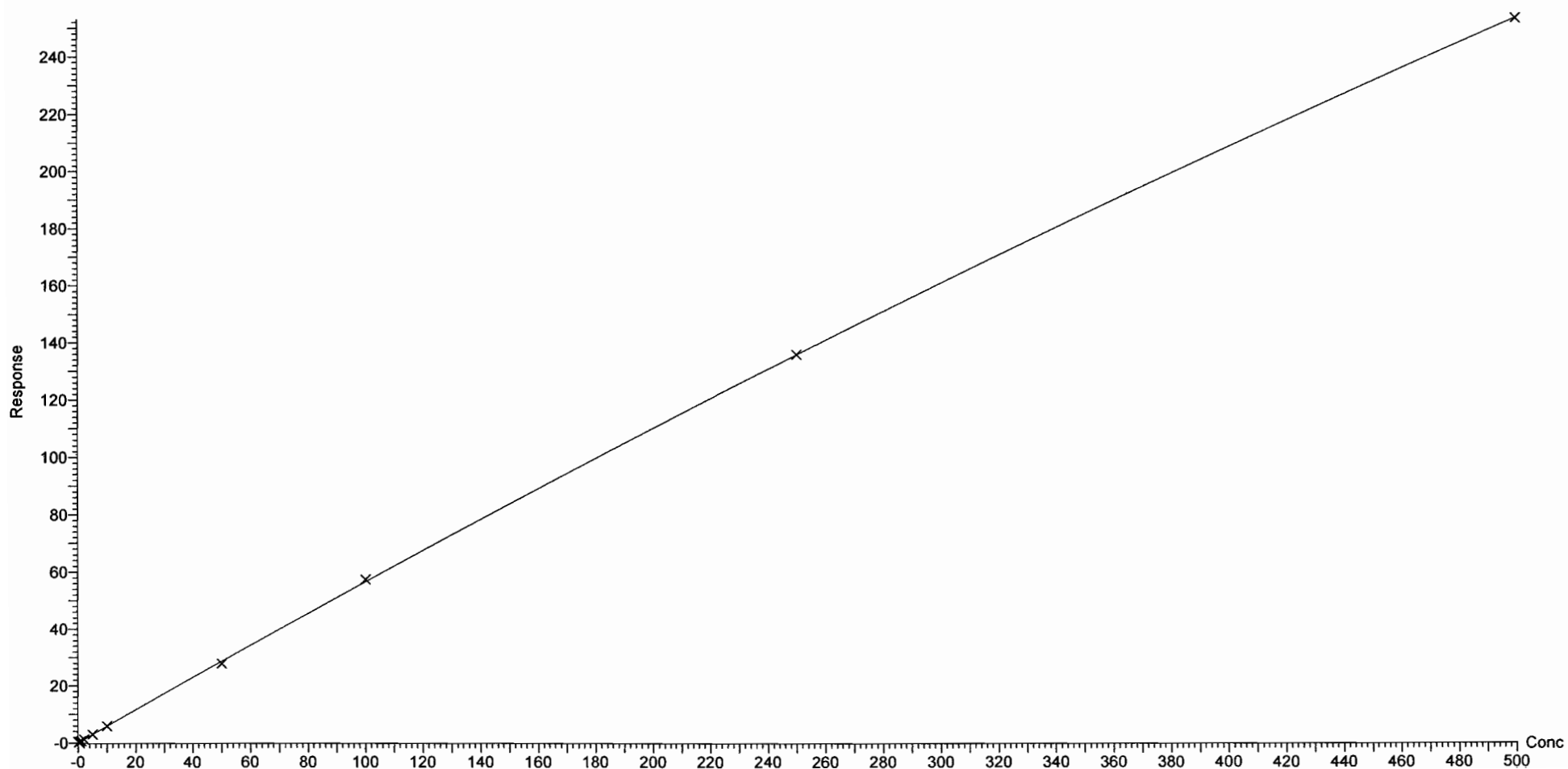
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999915$

Calibration curve: $-0.000148179 * x^2 + 0.580035 * x + 0.0666228$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:45:49 Pacific Daylight Time

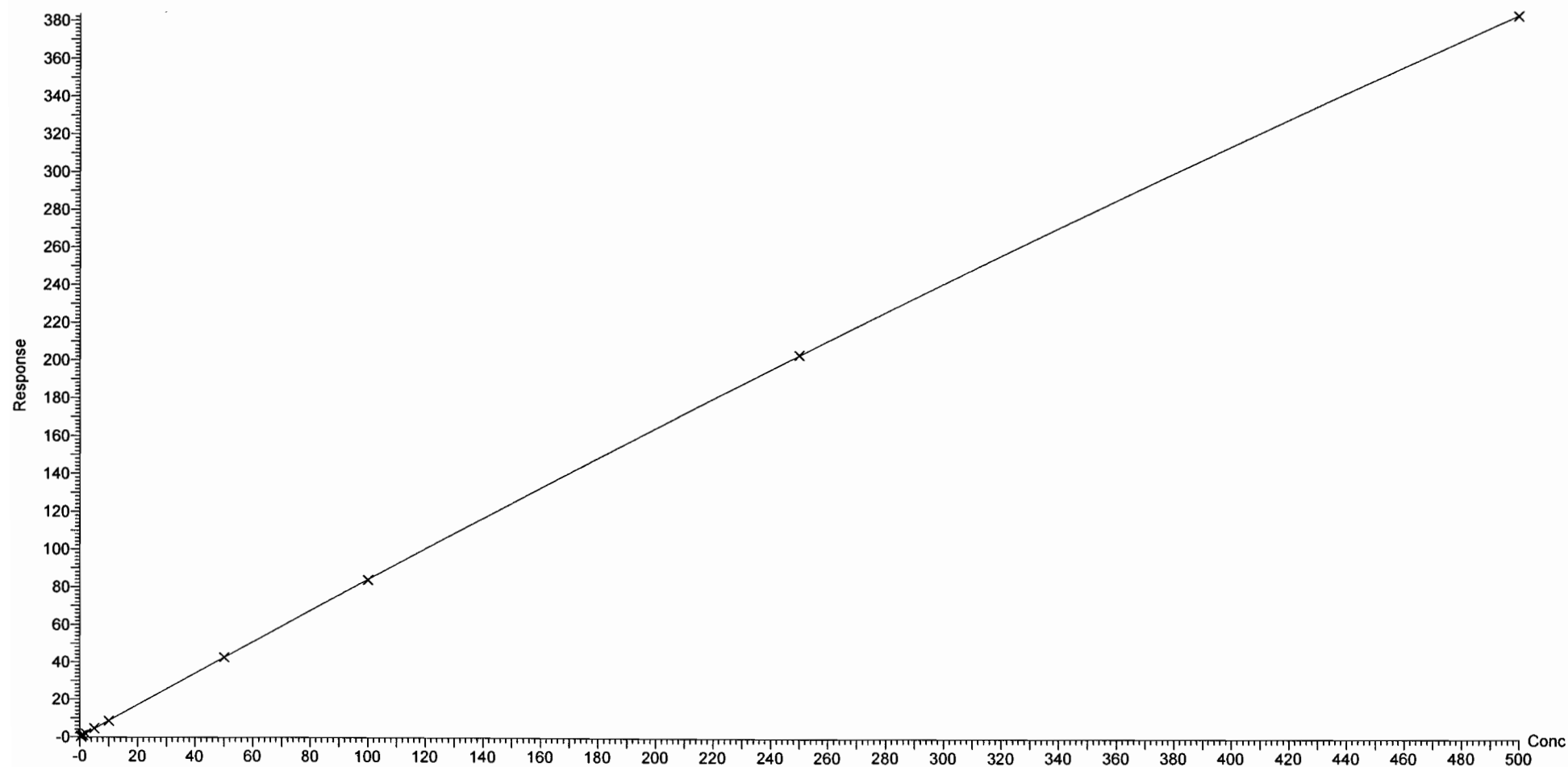
Compound name: PFODA

Coefficient of Determination: $R^2 = 0.999948$

Calibration curve: $-0.000184516 * x^2 + 0.859148 * x + 0.0222847$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

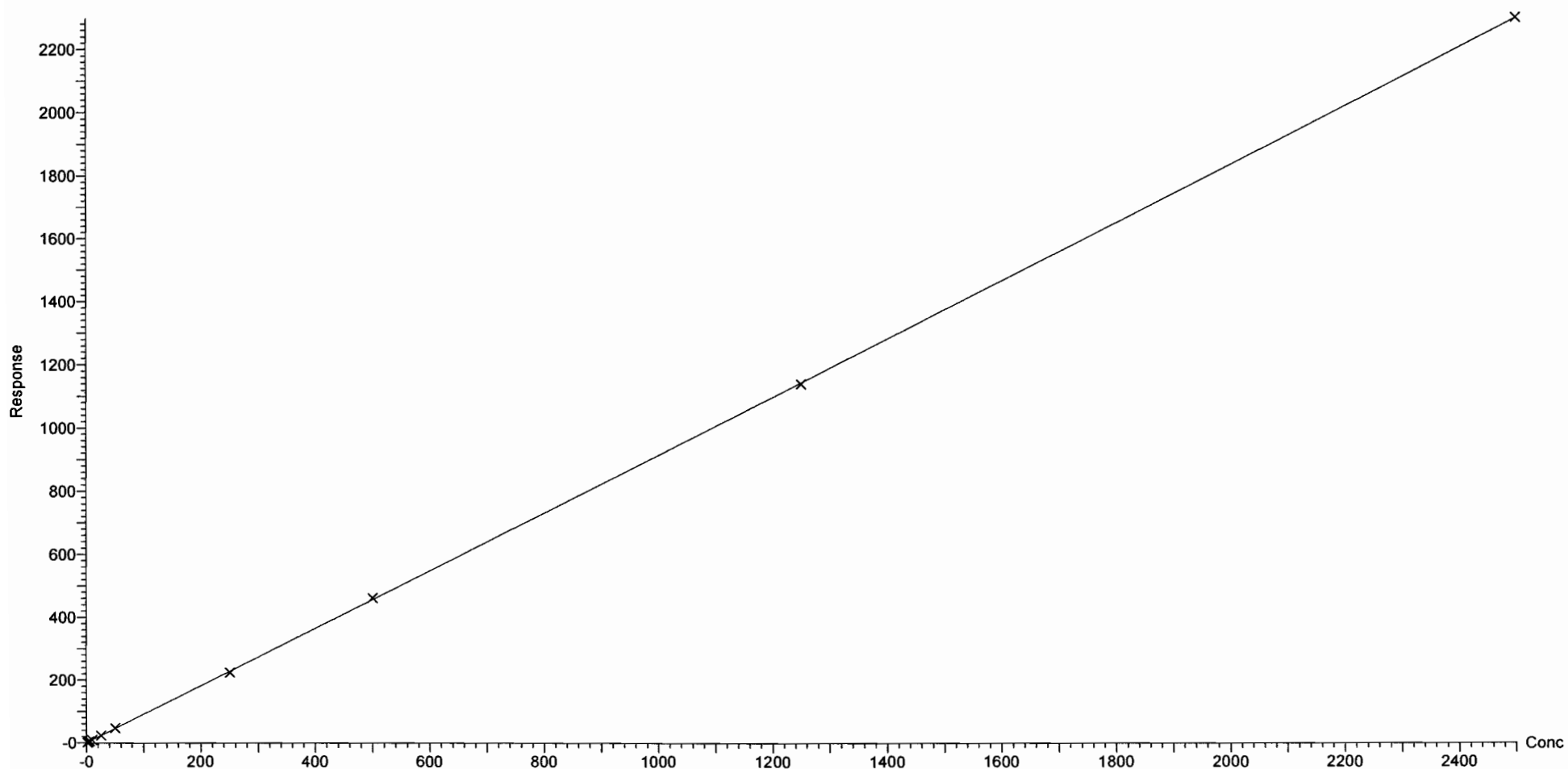
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Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

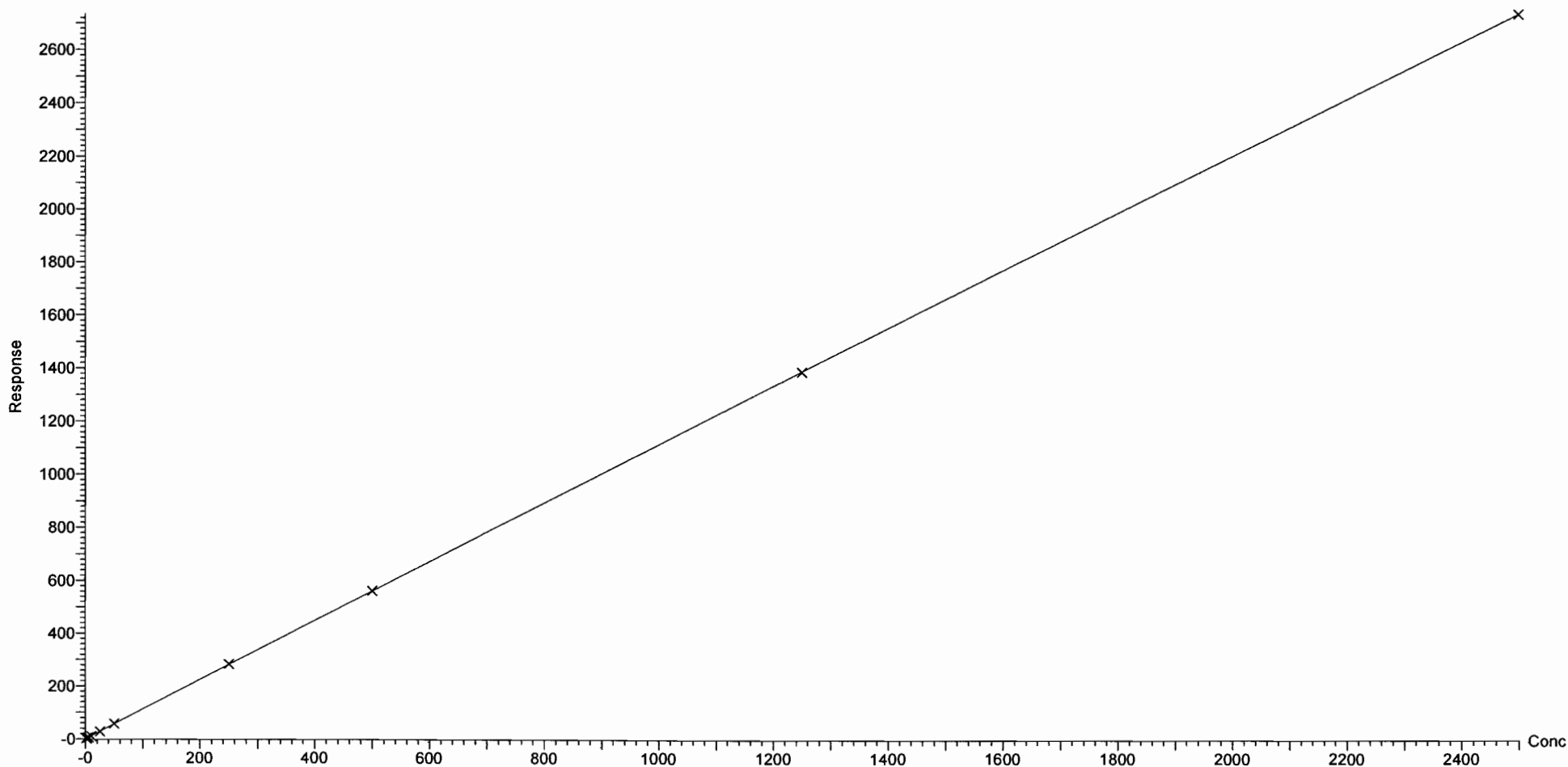
Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:45:49 Pacific Daylight Time

Compound name: N-MeFOSE
Coefficient of Determination: $R^2 = 0.999951$
Calibration curve: $3.22526e-006 * x^2 + 0.910065 * x + -0.0398899$
Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld
Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:45:49 Pacific Daylight Time

Compound name: N-EtFOSE
Coefficient of Determination: $R^2 = 0.999995$
Calibration curve: $-1.431e-005 * x^2 + 1.129 * x + 0.148136$
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



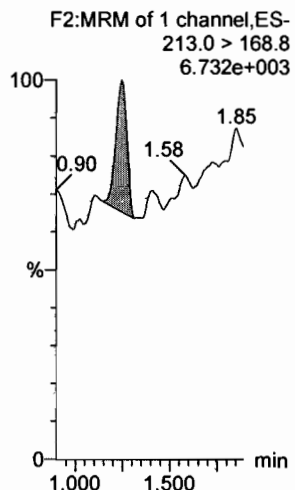
Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

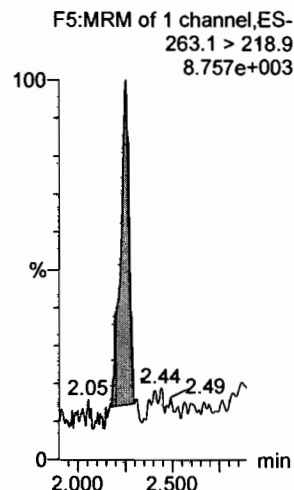
Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 12 Sep 2018 16:19:02
Calibration: 12 Sep 2018 16:19:04

Name: 180912M1_2, Date: 12-Sep-2018, Time: 13:55:11, ID: ST180912M1-1 PFC CS-2 1810612, Description: PFC CS-2 1810612

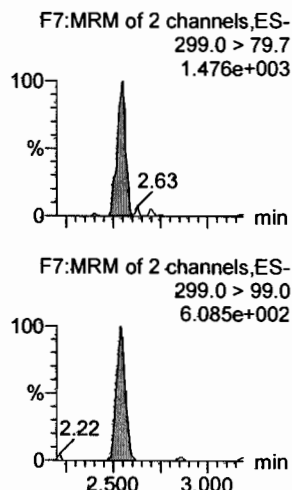
PFBA



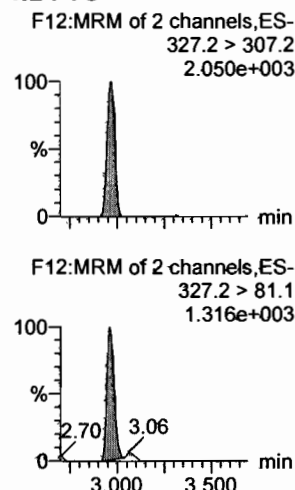
PFPeA



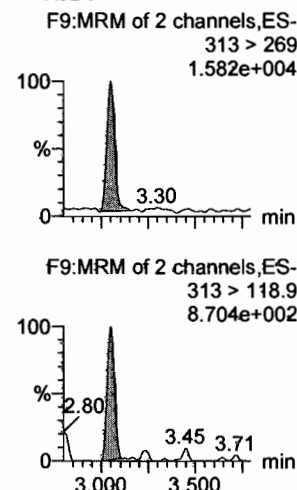
PFBS



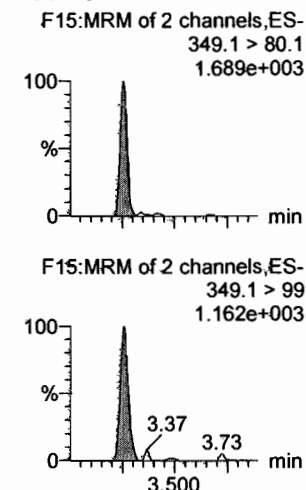
4:2 FTS



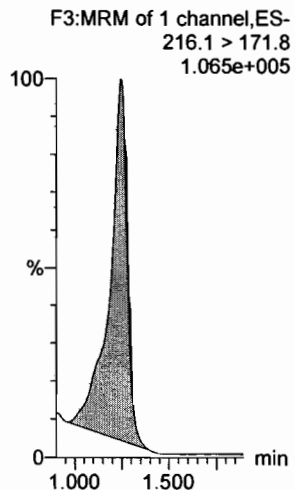
PFHxA



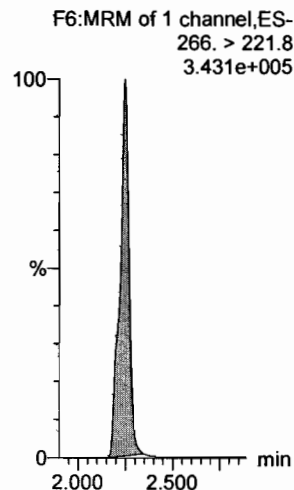
PFPeS



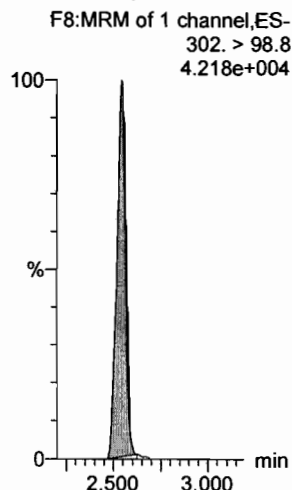
13C3-PFBA



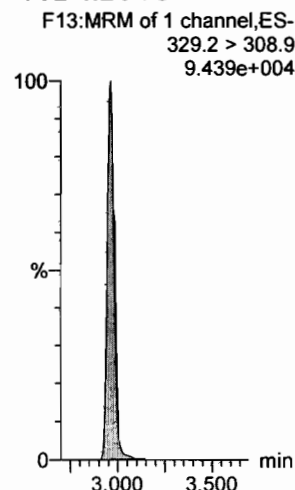
13C3-PFPeA



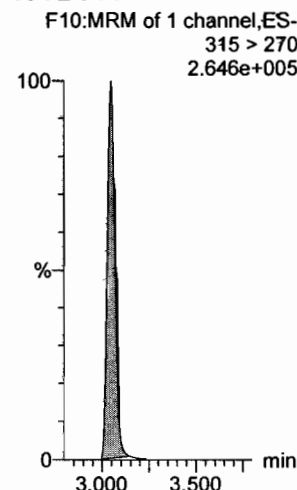
13C3-PFBS



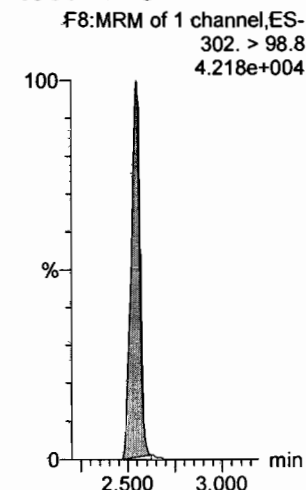
13C2-4:2 FTS



13C2-PFHxA



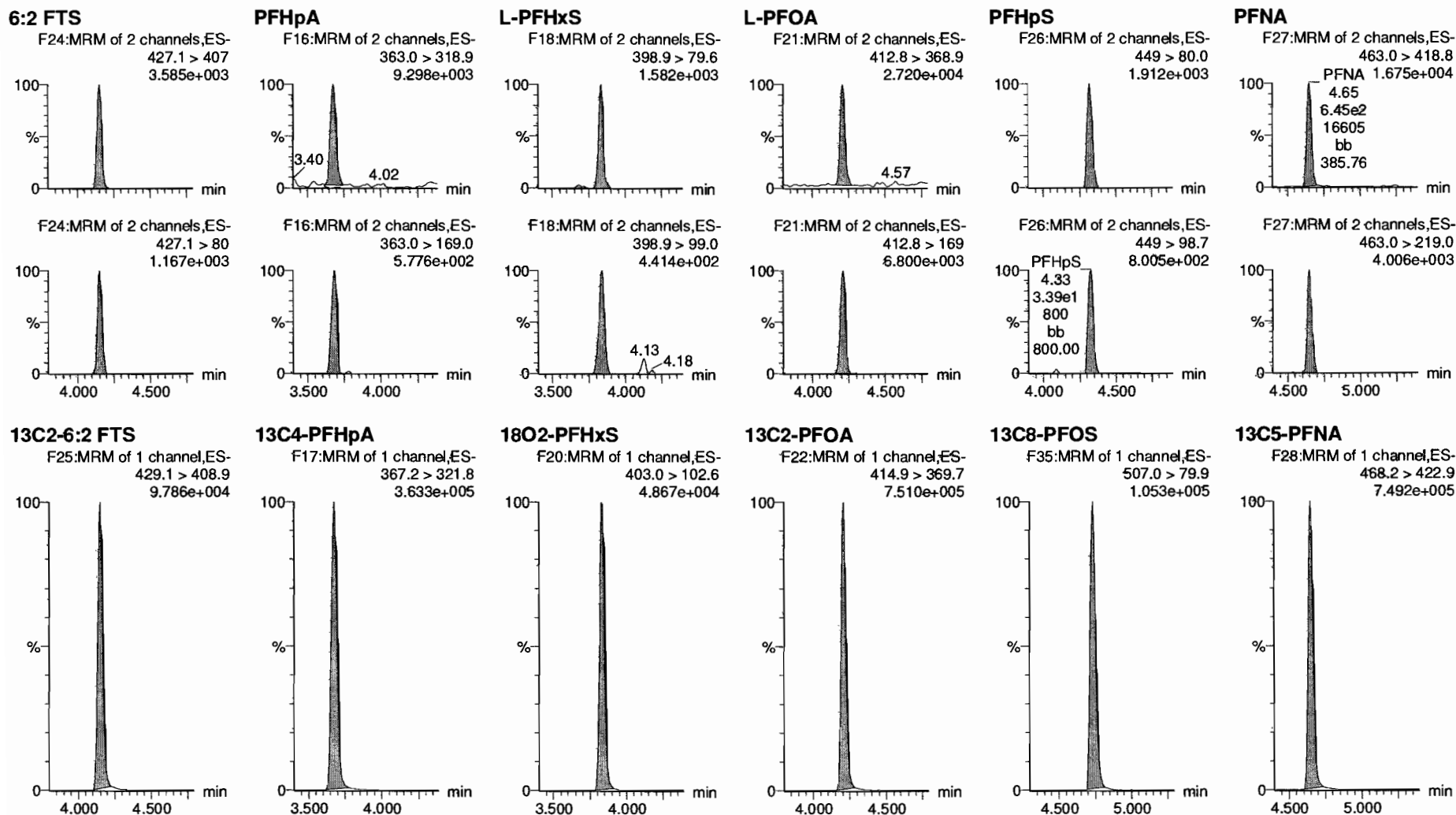
13C3-PFBS



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:24:43 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:25:14 Pacific Daylight Time

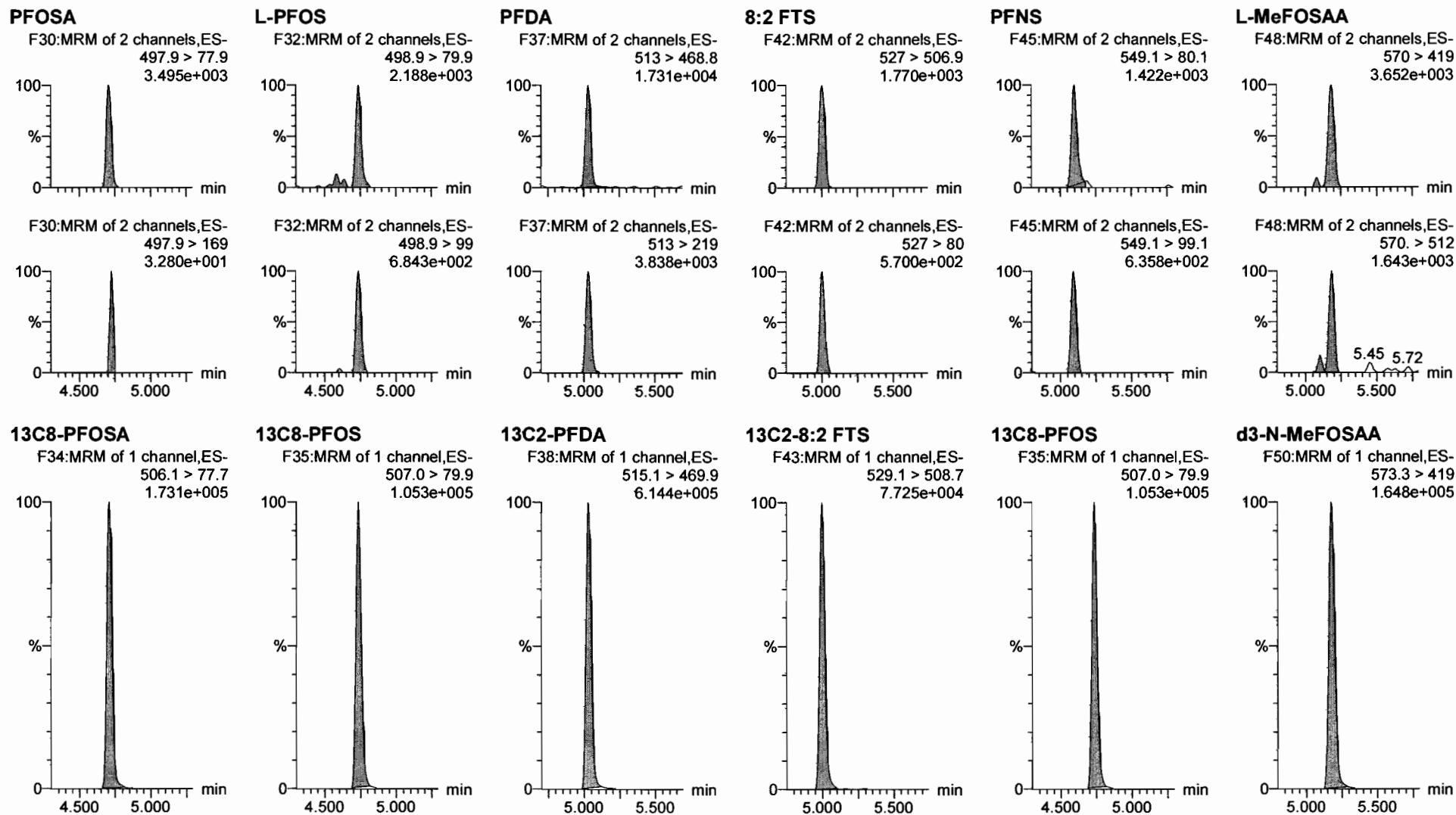
Name: 180912M1_2, Date: 12-Sep-2018, Time: 13:55:11, ID: ST180912M1-1 PFC CS-2 18I0612, Description: PFC CS-2 18I0612



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_2, Date: 12-Sep-2018, Time: 13:55:11, ID: ST180912M1-1 PFC CS-2 1810612, Description: PFC CS-2 1810612



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

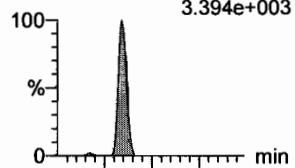
Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

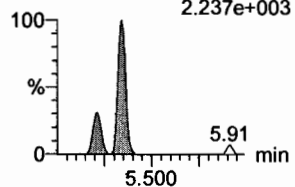
Name: 180912M1_2, Date: 12-Sep-2018, Time: 13:55:11, ID: ST180912M1-1 PFC CS-2 18I0612, Description: PFC CS-2 18I0612

L-EtFOSAA

F51:MRM of 2 channels,ES-
584.1 > 419
3.394e+003

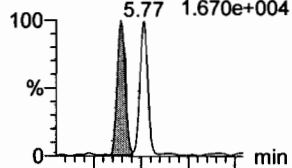


F51:MRM of 2 channels,ES-
584.1 > 526
2.237e+003

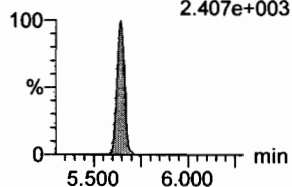


PFDoA

F54:MRM of 4 channels,ES-
612.9 > 569.0
1.670e+004

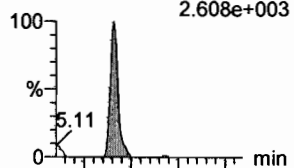


F54:MRM of 4 channels,ES-
612.9 > 318.8
2.407e+003

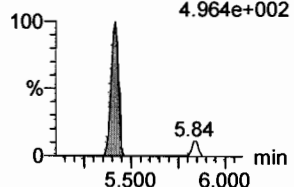


PFDS

F53:MRM of 2 channels,ES-
598.8 > 79.9
2.608e+003

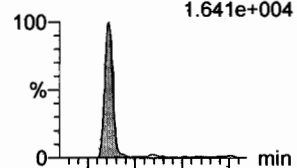


F53:MRM of 2 channels,ES-
598.8 > 98.9
4.964e+002

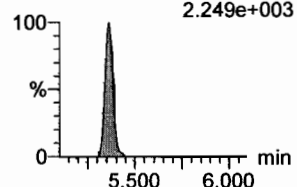


PFUdA

F46:MRM of 2 channels,ES-
563.0 > 518.9
1.641e+004

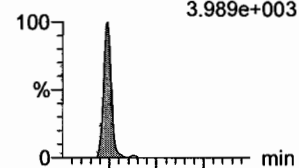


F46:MRM of 2 channels,ES-
563.0 > 269
2.249e+003

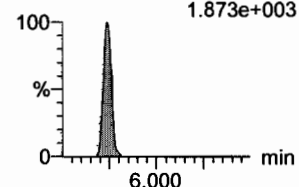


N-MeFOSA

F36:MRM of 2 channels,ES-
512.1 > 168.9
3.989e+003

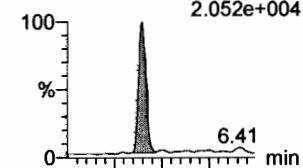


F36:MRM of 2 channels,ES-
512.1 > 219
1.873e+003

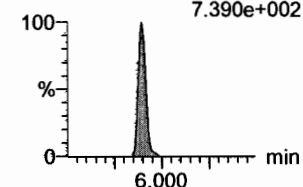


PFTrDA

F60:MRM of 2 channels,ES-
662.9 > 618.9
2.052e+004

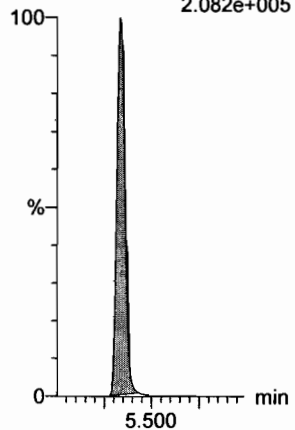


F60:MRM of 2 channels,ES-
662.9 > 319
7.390e+002



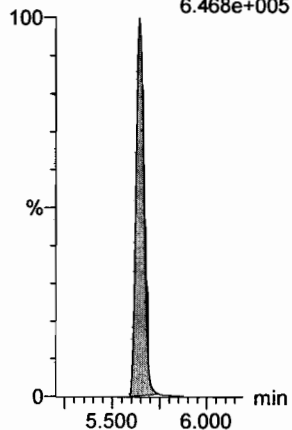
d5-N-EtFOSAA

F52:MRM of 1 channel,ES-
589.3 > 419
2.082e+005



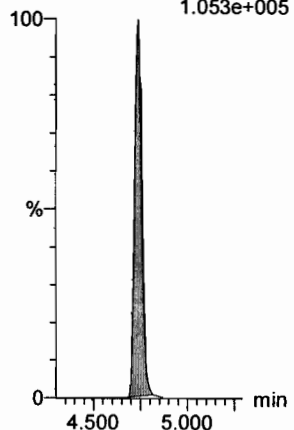
13C2-PFDoA

F55:MRM of 2 channels,ES-
615.0 > 569.7
6.468e+005



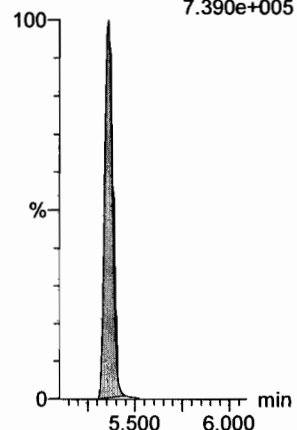
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.053e+005



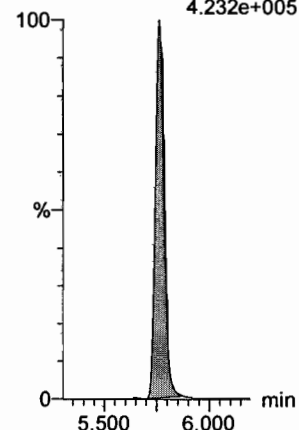
13C2-PFUdA

F47:MRM of 1 channel,ES-
565 > 519.8
7.390e+005



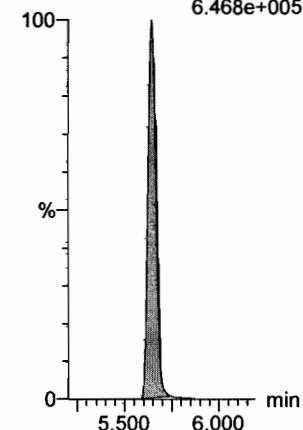
d3-N-MeFOSA

F39:MRM of 1 channel,ES-
515.2 > 168.9
4.232e+005



13C2-PFDoA

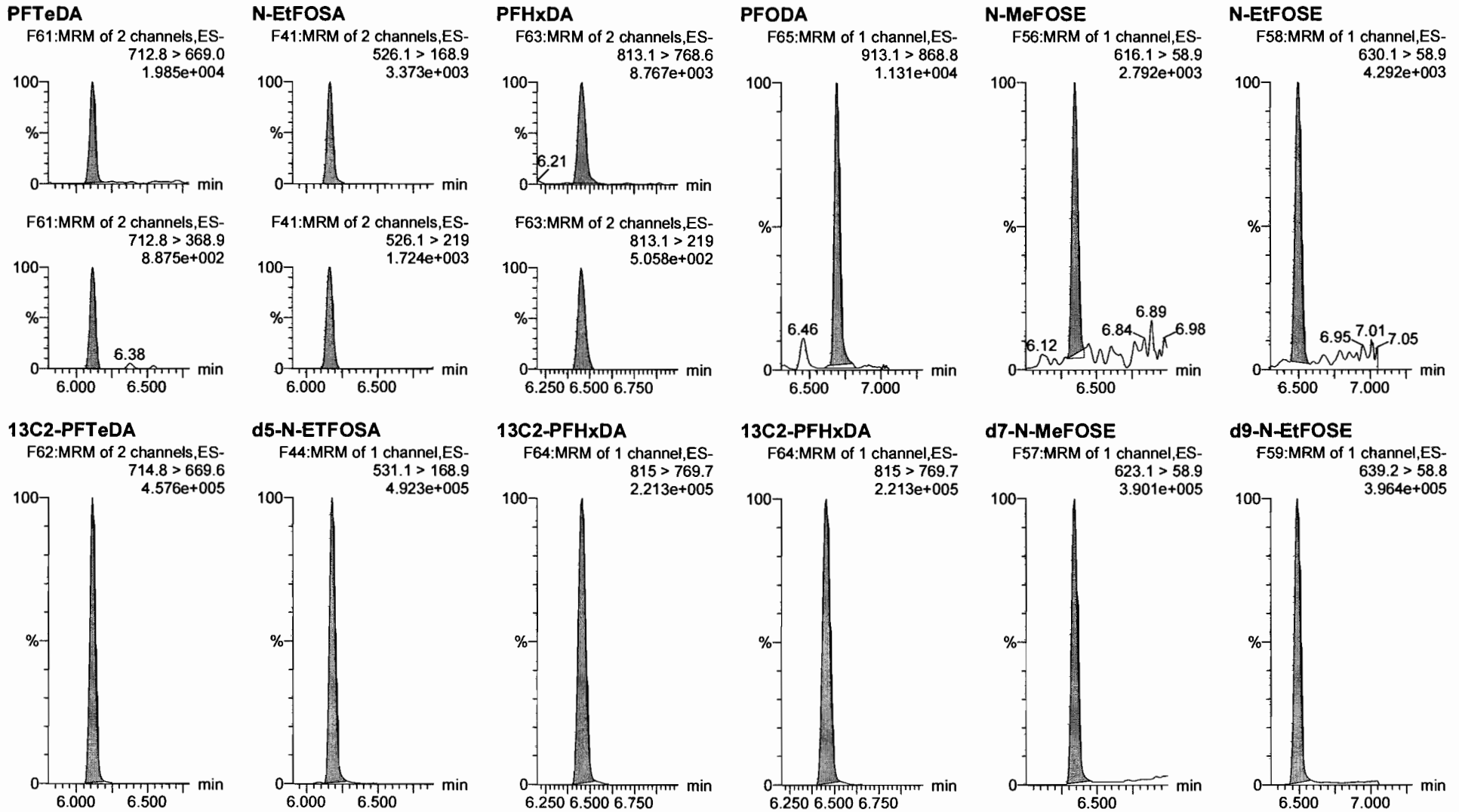
F55:MRM of 2 channels,ES-
615.0 > 569.7
6.468e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_2, Date: 12-Sep-2018, Time: 13:55:11, ID: ST180912M1-1 PFC CS-2 1810612, Description: PFC CS-2 1810612



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

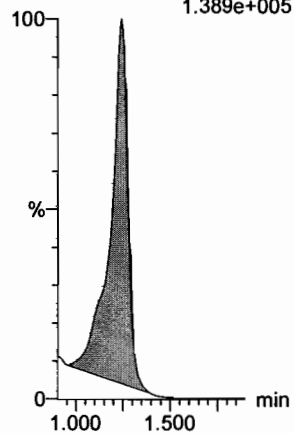
Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_2, Date: 12-Sep-2018, Time: 13:55:11, ID: ST180912M1-1 PFC CS-2 18I0612, Description: PFC CS-2 18I0612

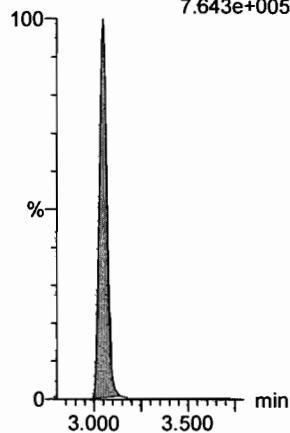
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.389e+005



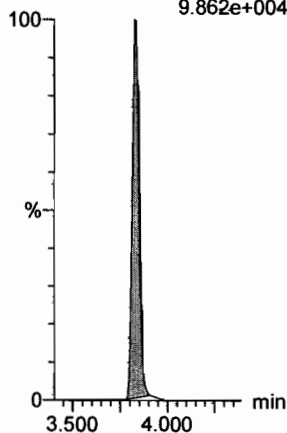
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
7.643e+005



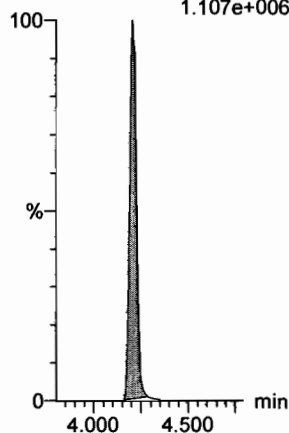
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
9.862e+004



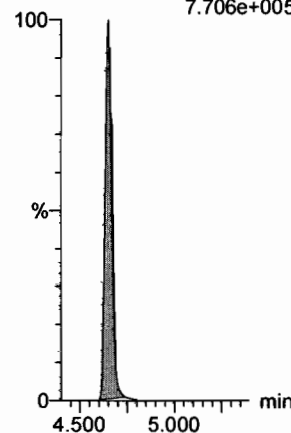
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
1.107e+006



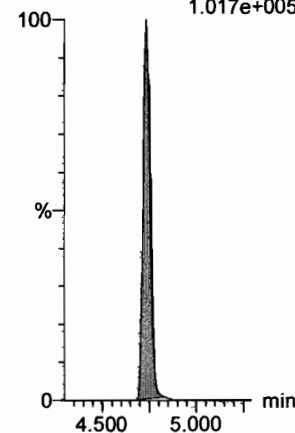
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
7.706e+005



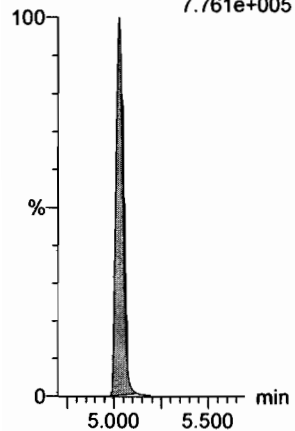
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.017e+005



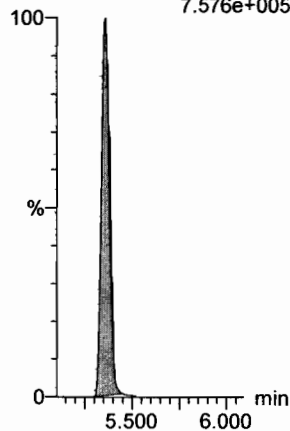
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
7.761e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.576e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

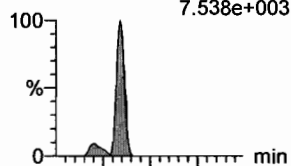
Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

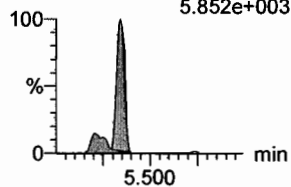
Name: 180912M1_3, Date: 12-Sep-2018, Time: 14:05:43, ID: ST180912M1-2 PFC CS-1 1810613, Description: PFC CS-1 1810613

L-EtFOSAA

F51:MRM of 2 channels,ES-
584.1 > 419
7.538e+003

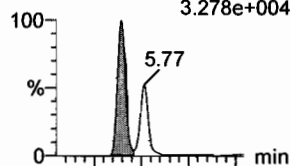


F51:MRM of 2 channels,ES-
584.1 > 526
5.852e+003

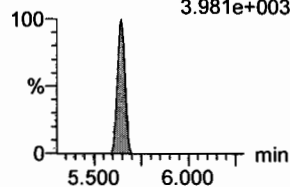


PFDoA

F54:MRM of 4 channels,ES-
612.9 > 569.0
3.278e+004

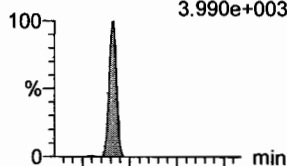


F54:MRM of 4 channels,ES-
612.9 > 318.8
3.981e+003

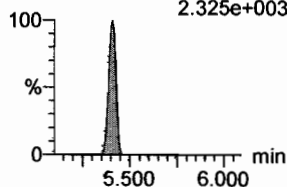


PFDS

F53:MRM of 2 channels,ES-
598.8 > 79.9
3.990e+003

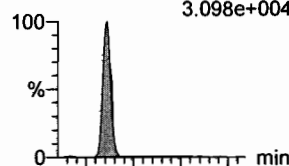


F53:MRM of 2 channels,ES-
598.8 > 98.9
2.325e+003

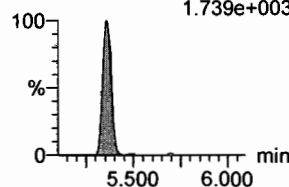


PFUdA

F46:MRM of 2 channels,ES-
563.0 > 518.9
3.098e+004

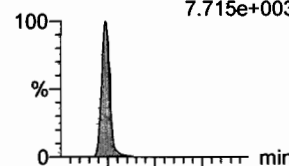


F46:MRM of 2 channels,ES-
563.0 > 269
1.739e+003

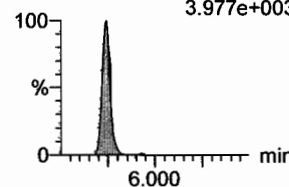


N-MeFOSA

F36:MRM of 2 channels,ES-
512.1 > 168.9
7.715e+003

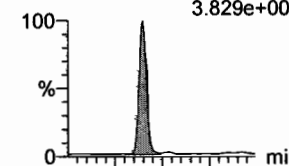


F36:MRM of 2 channels,ES-
512.1 > 219
3.977e+003

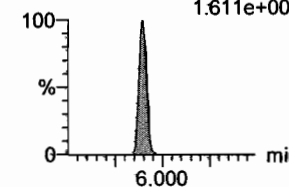


PFTrDA

F60:MRM of 2 channels,ES-
662.9 > 618.9
3.829e+004

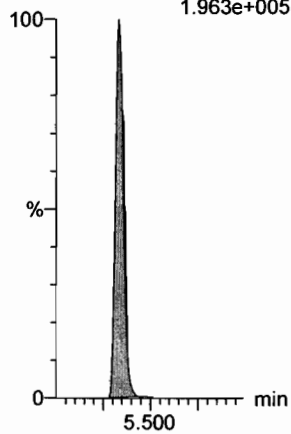


F60:MRM of 2 channels,ES-
662.9 > 319
1.611e+003



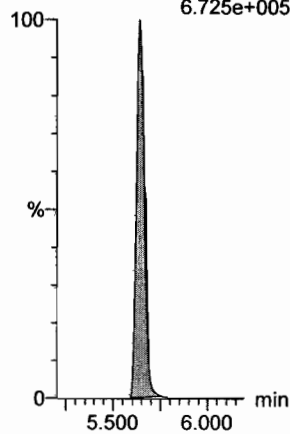
d5-N-EtFOSAA

F52:MRM of 1 channel,ES-
589.3 > 419
1.963e+005



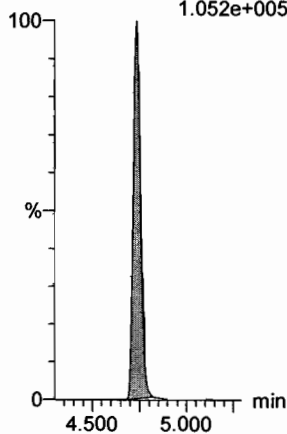
13C2-PFDoA

F55:MRM of 2 channels,ES-
615.0 > 569.7
6.725e+005



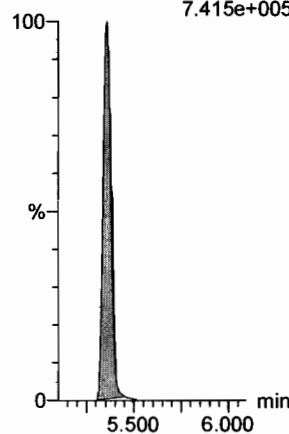
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.052e+005



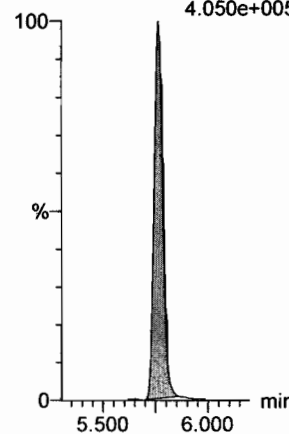
13C2-PFUdA

F47:MRM of 1 channel,ES-
565 > 519.8
7.415e+005



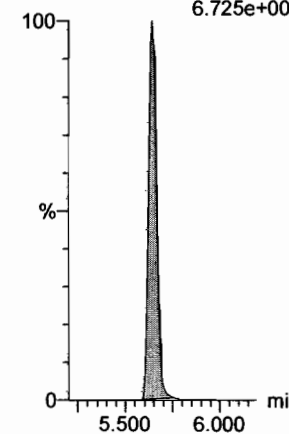
d3-N-MeFOSA

F39:MRM of 1 channel,ES-
515.2 > 168.9
4.050e+005



13C2-PFDoA

F55:MRM of 2 channels,ES-
615.0 > 569.7
6.725e+005

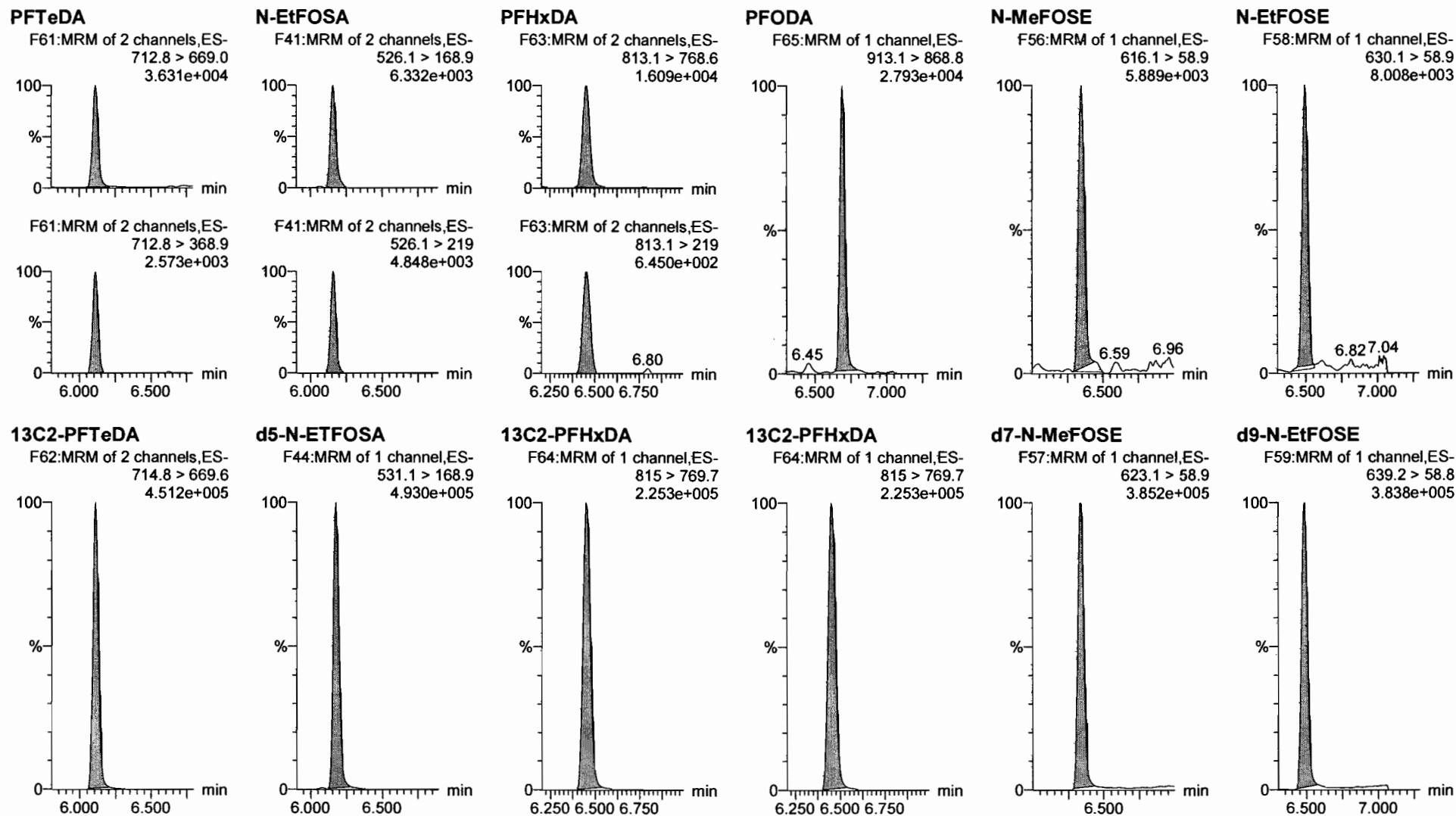


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

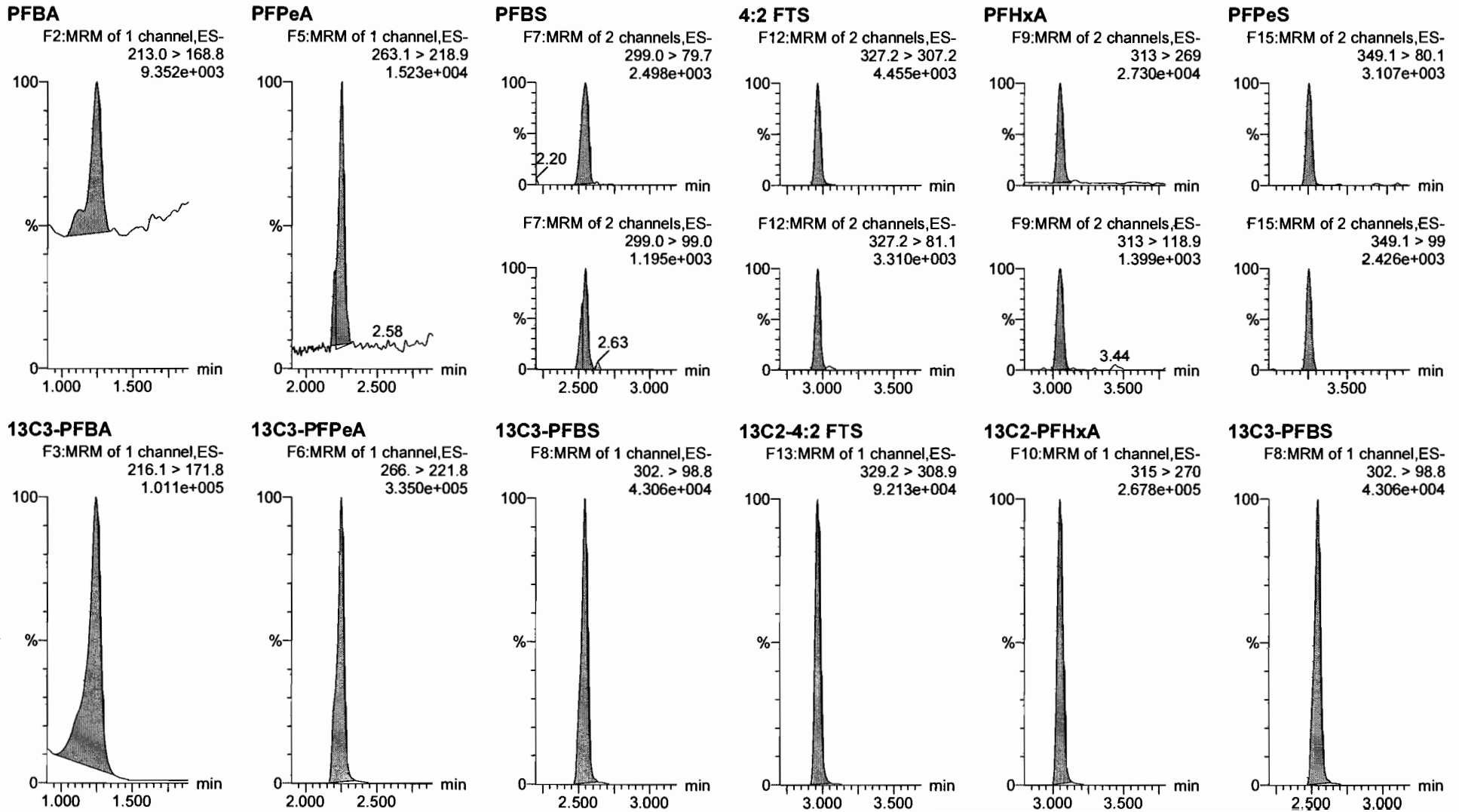
Name: 180912M1_3, Date: 12-Sep-2018, Time: 14:05:43, ID: ST180912M1-2 PFC CS-1 1810613, Description: PFC CS-1 1810613



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

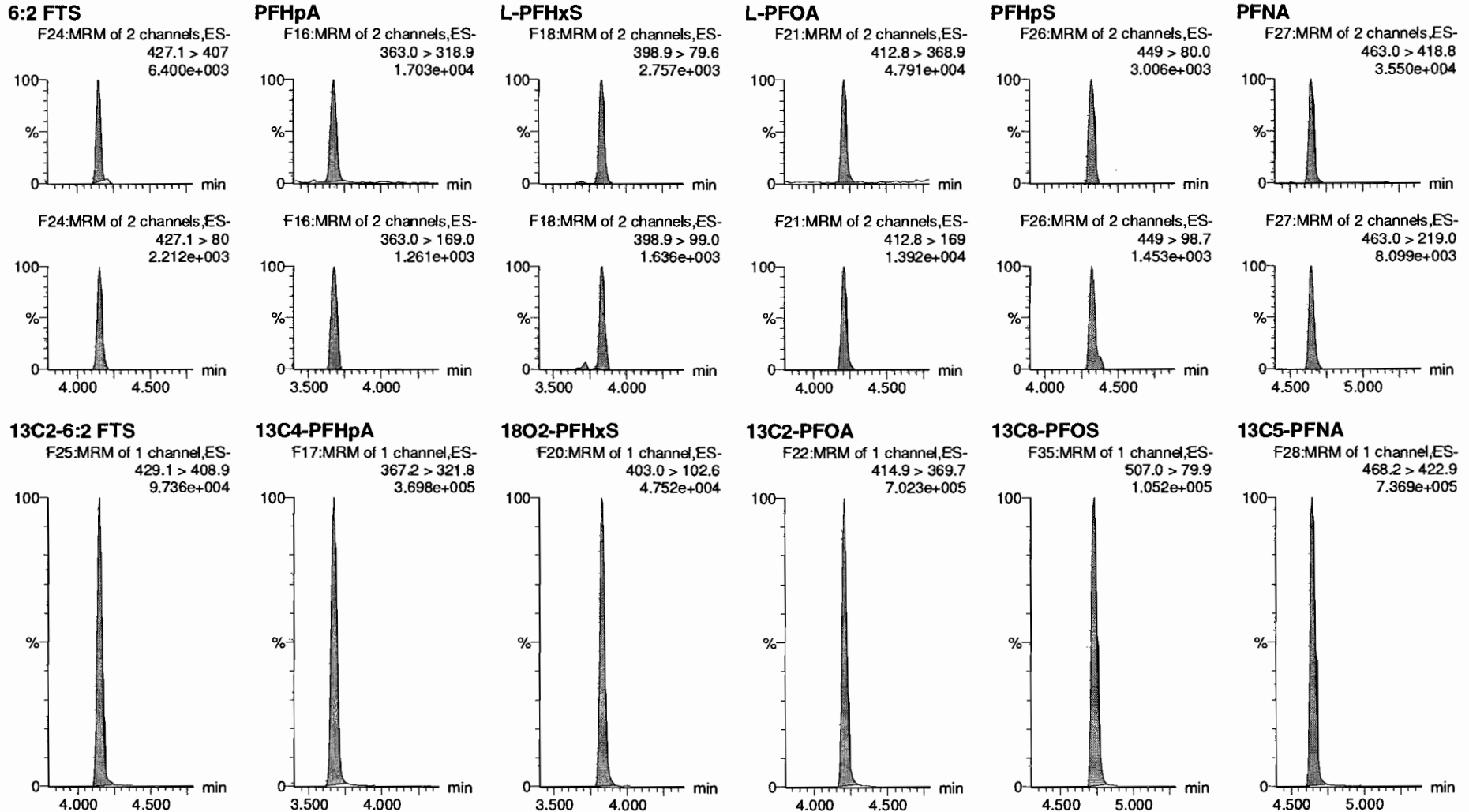
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Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:24:43 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:25:14 Pacific Daylight Time

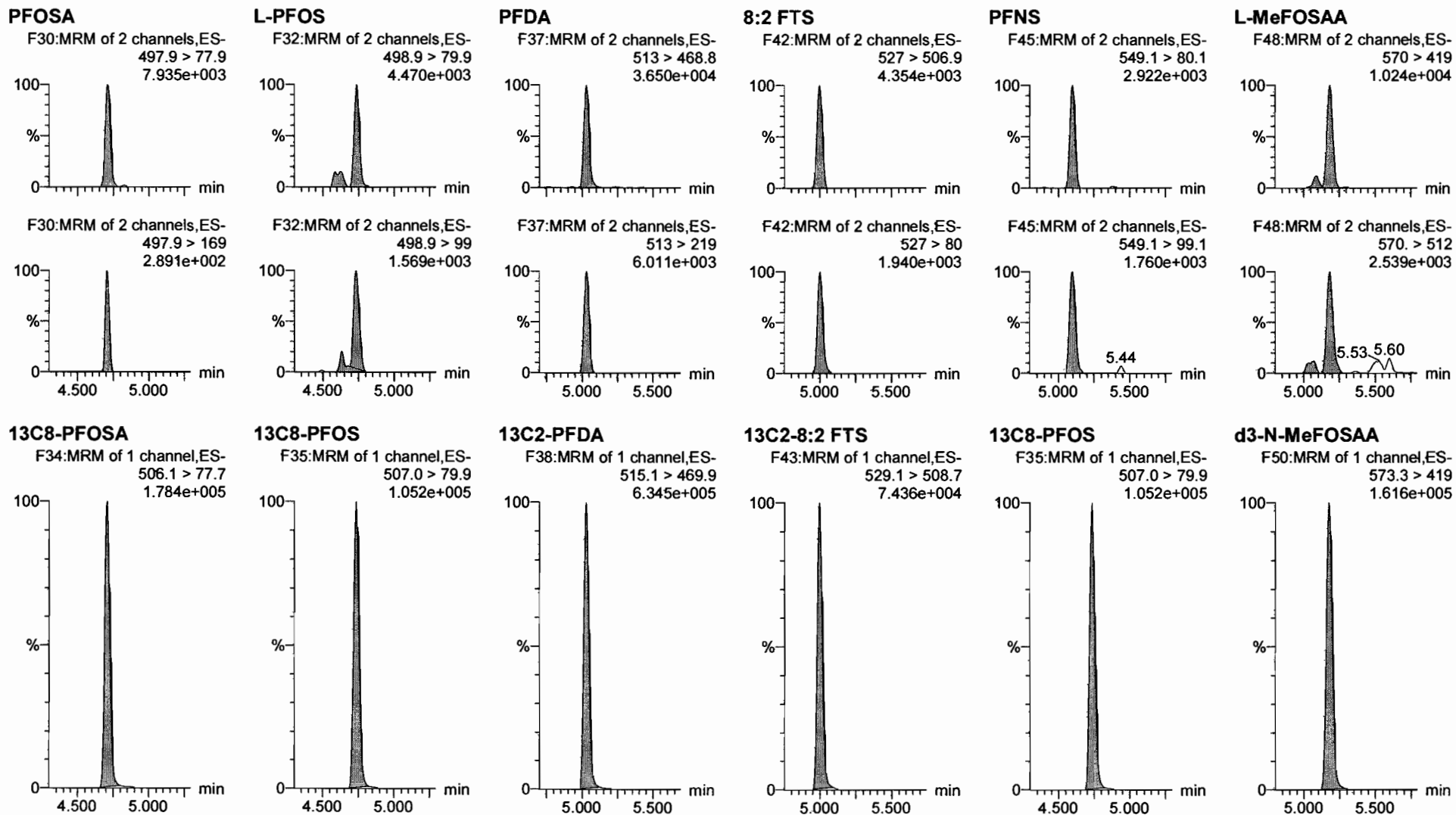
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Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_3, Date: 12-Sep-2018, Time: 14:05:43, ID: ST180912M1-2 PFC CS-1 1810613, Description: PFC CS-1 1810613

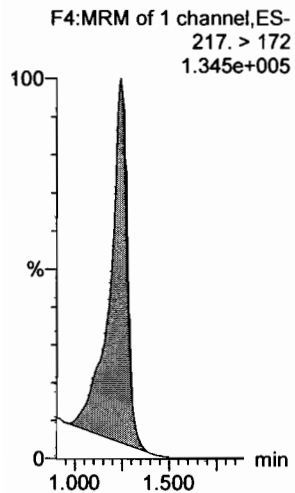


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

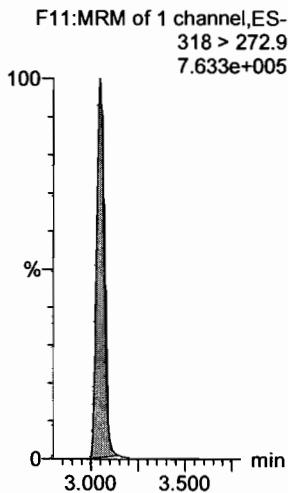
Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_3, Date: 12-Sep-2018, Time: 14:05:43, ID: ST180912M1-2 PFC CS-1 1810613, Description: PFC CS-1 1810613

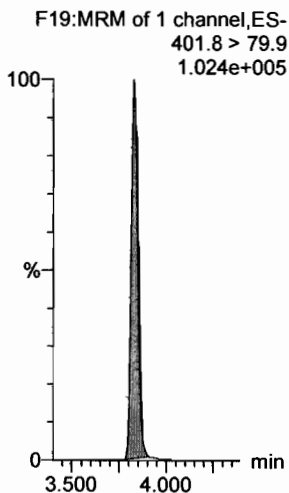
13C4-PFBA



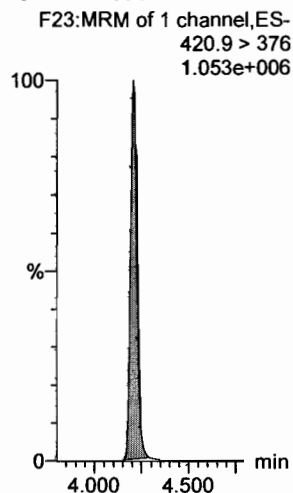
13C5-PFHxA



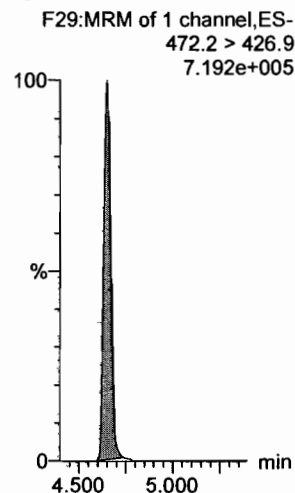
13C3-PFHxS



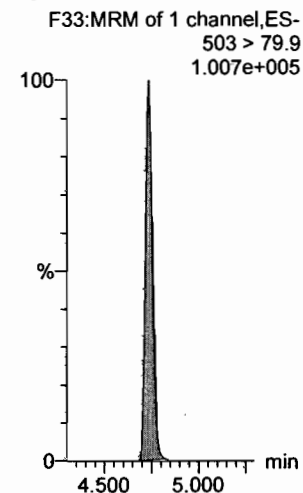
13C8-PFOA



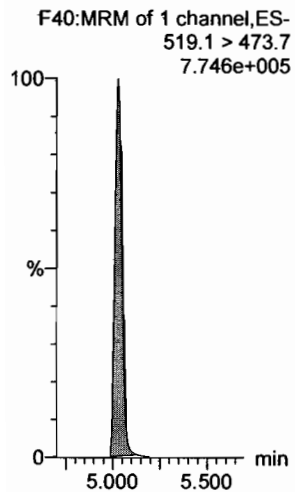
13C9-PFNA



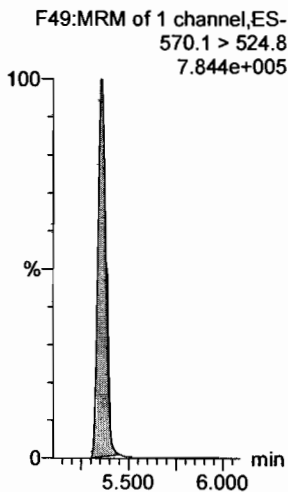
13C4-PFOS



13C6-PFDA



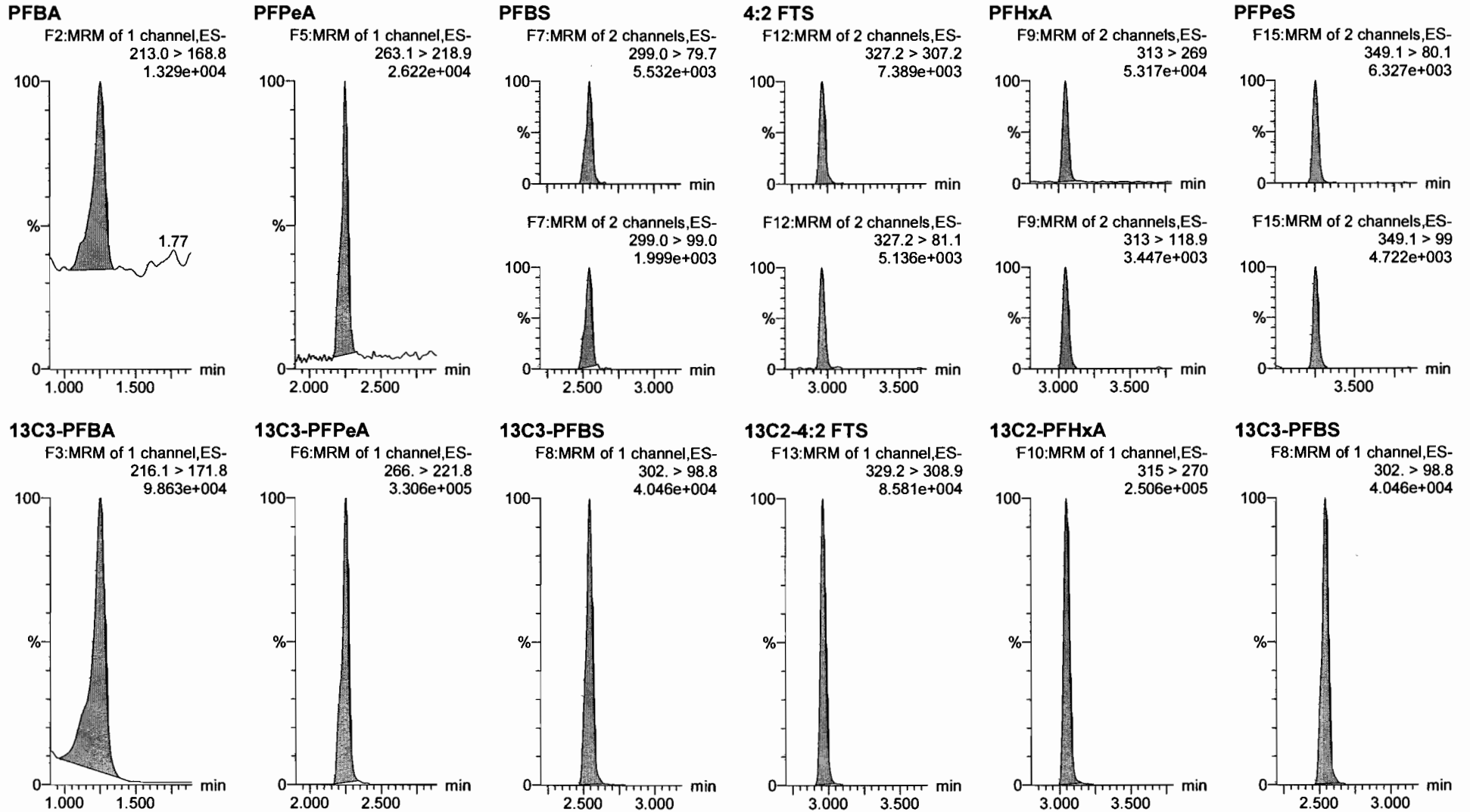
13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_4, Date: 12-Sep-2018, Time: 14:16:22, ID: ST180912M1-3 PFC CS0 1810614, Description: PFC CS0 1810614

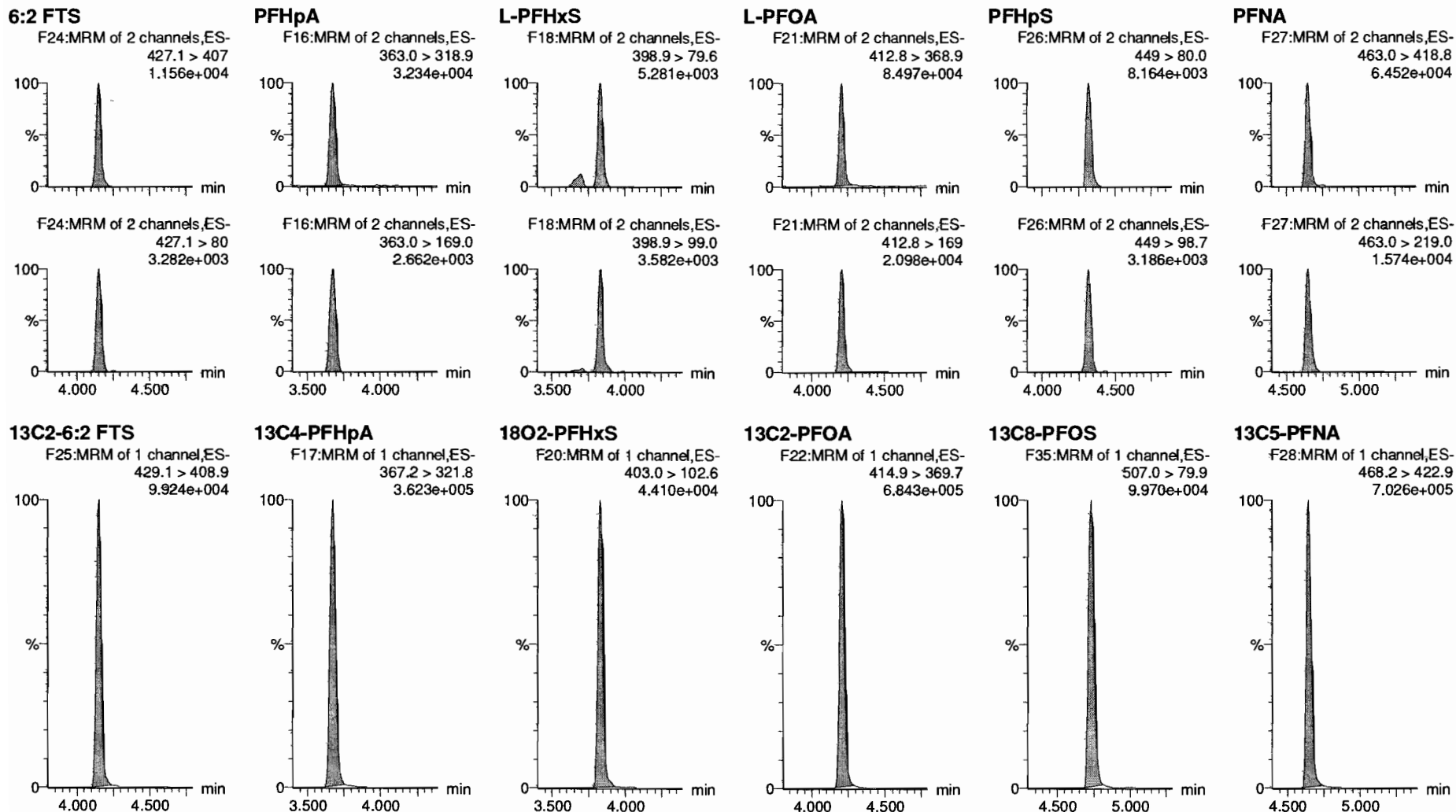


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:24:43 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:25:14 Pacific Daylight Time

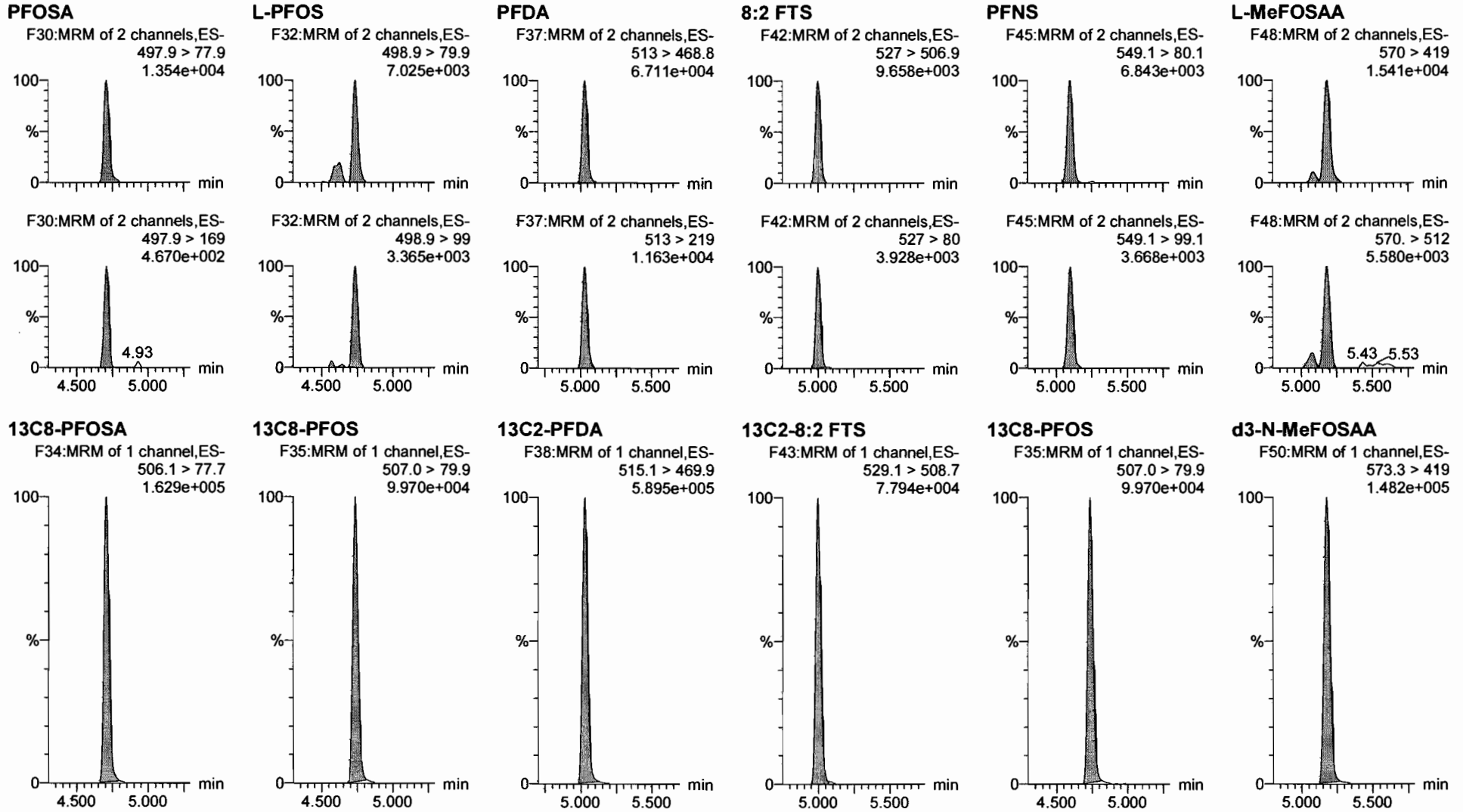
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Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_4, Date: 12-Sep-2018, Time: 14:16:22, ID: ST180912M1-3 PFC CS0 1810614, Description: PFC CS0 1810614



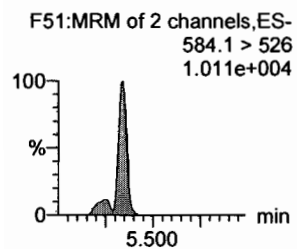
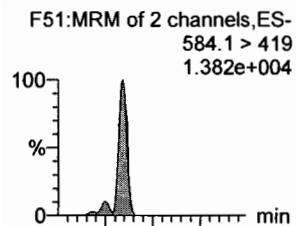
Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

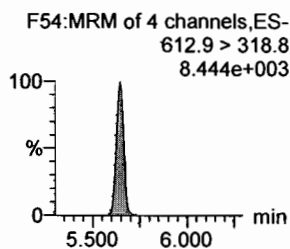
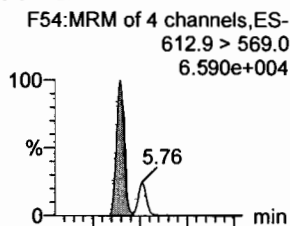
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_4, Date: 12-Sep-2018, Time: 14:16:22, ID: ST180912M1-3 PFC CS0 1810614, Description: PFC CS0 1810614

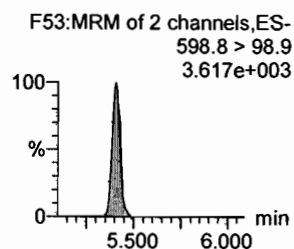
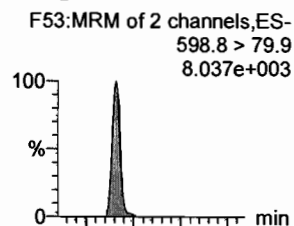
L-EtFOSAA



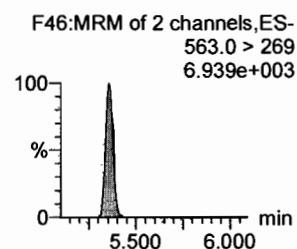
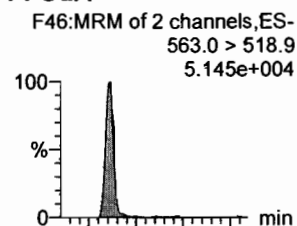
PFDoA



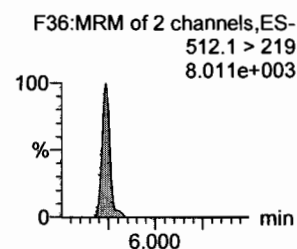
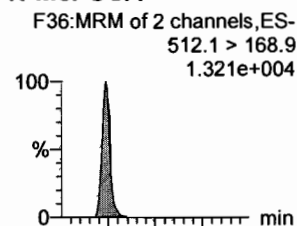
PFDS



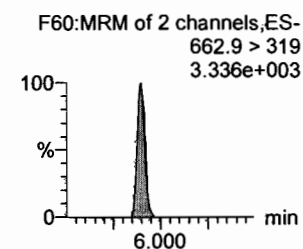
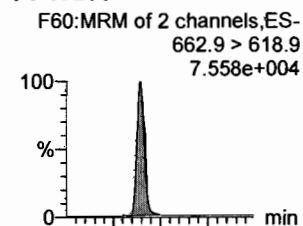
PFUdA



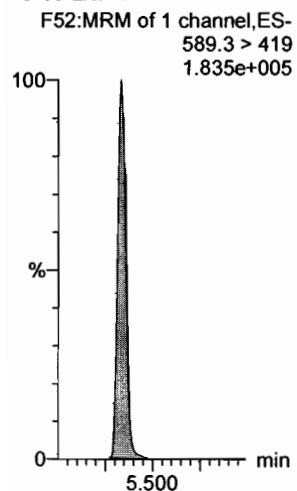
N-MeFOSA



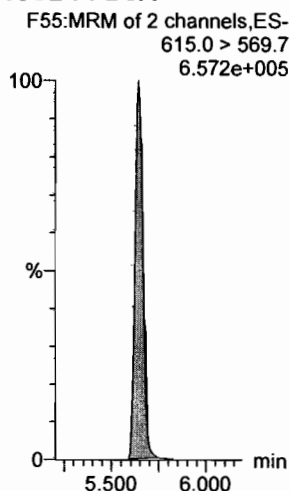
PFTrDA



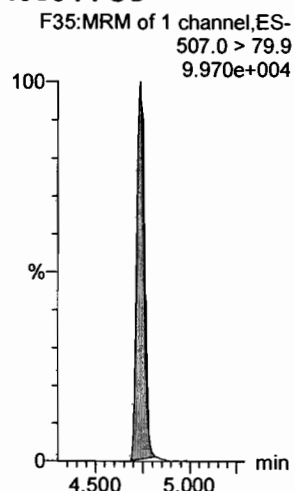
d5-N-EtFOSAA



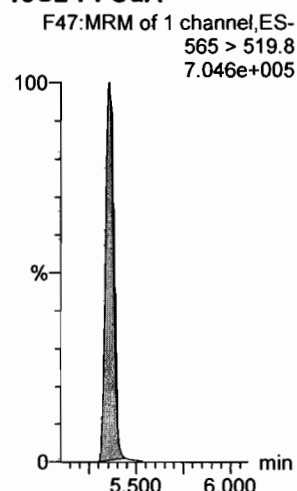
13C2-PFDoA



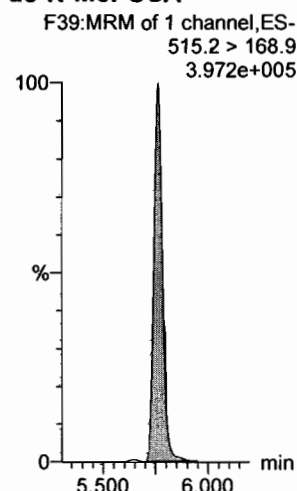
13C8-PFOS



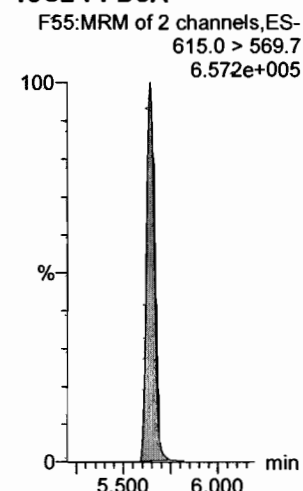
13C2-PFUdA



d3-N-MeFOSA



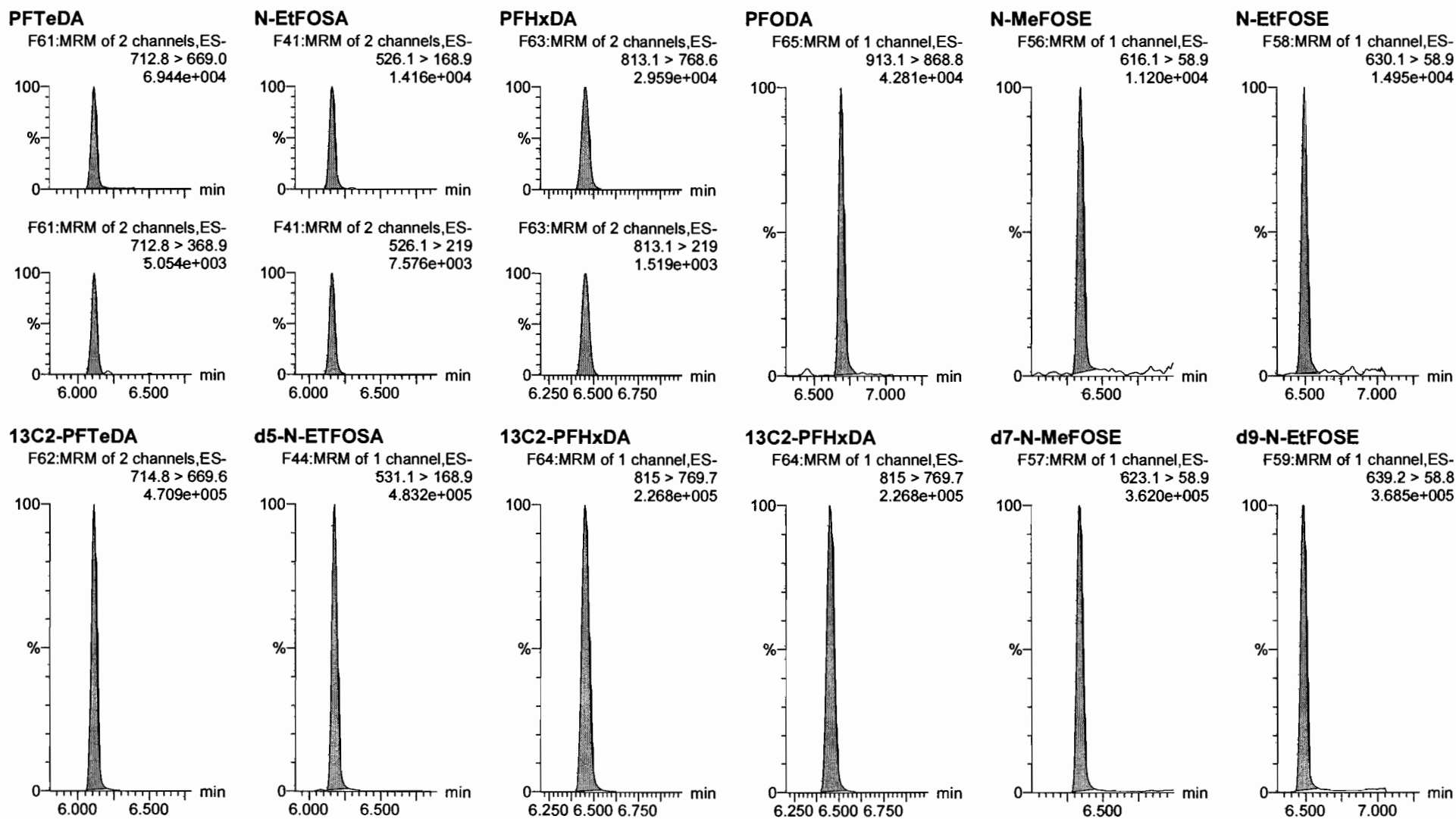
13C2-PFDoA



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_4, Date: 12-Sep-2018, Time: 14:16:22, ID: ST180912M1-3 PFC CS0 1810614, Description: PFC CS0 1810614

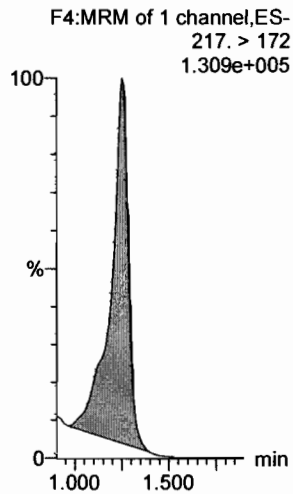


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

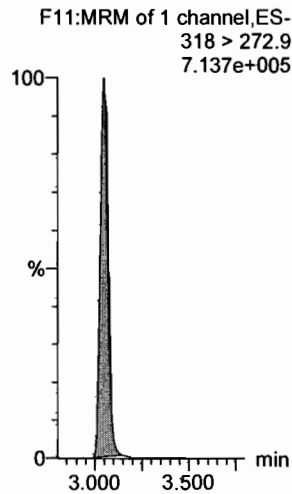
Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_4, Date: 12-Sep-2018, Time: 14:16:22, ID: ST180912M1-3 PFC CS0 1810614, Description: PFC CS0 1810614

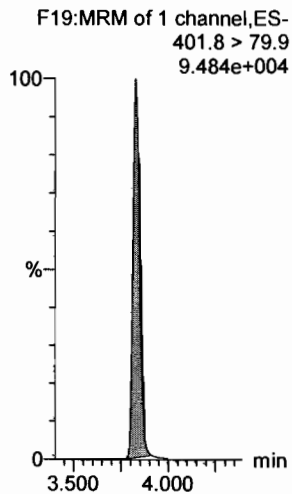
13C4-PFBA



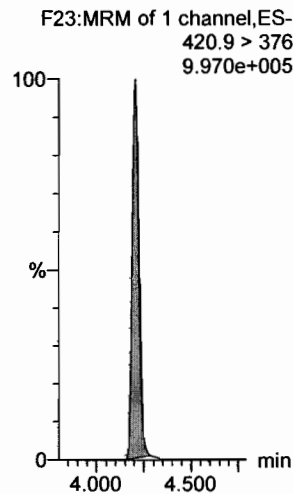
13C5-PFHxA



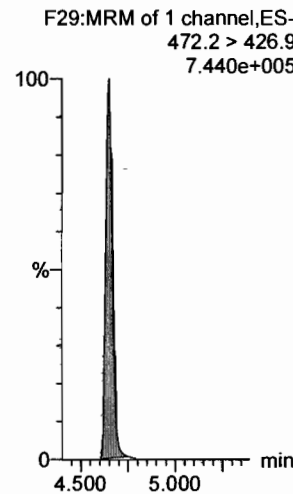
13C3-PFHxS



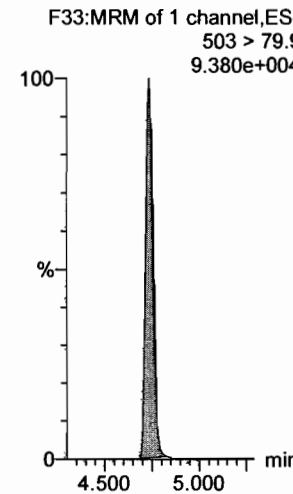
13C8-PFOA



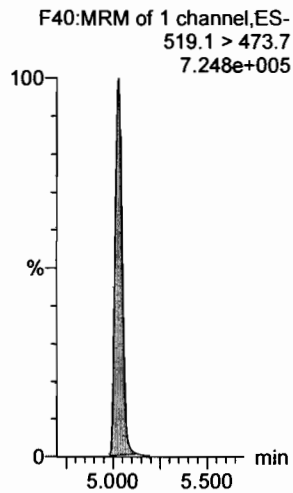
13C9-PFNA



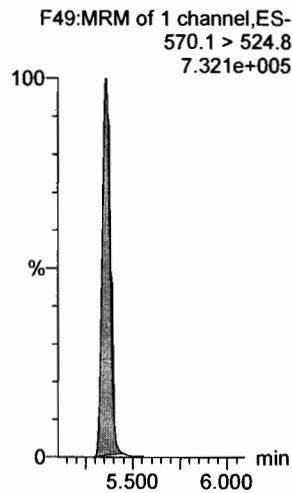
13C4-PFOS



13C6-PFDA



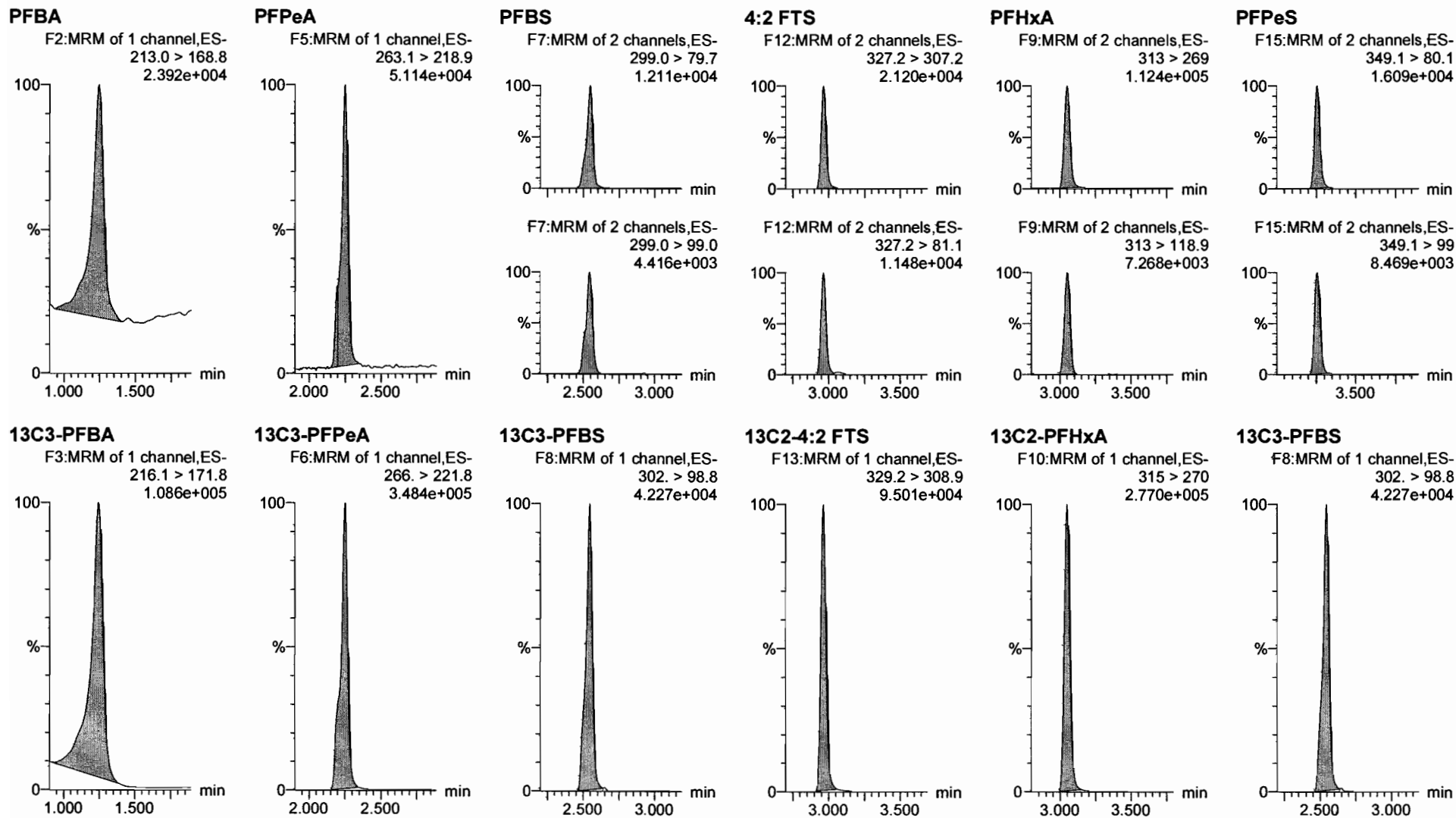
13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_5, Date: 12-Sep-2018, Time: 14:26:56, ID: ST180912M1-4 PFC CS1 18I0615, Description: PFC CS1 18I0615

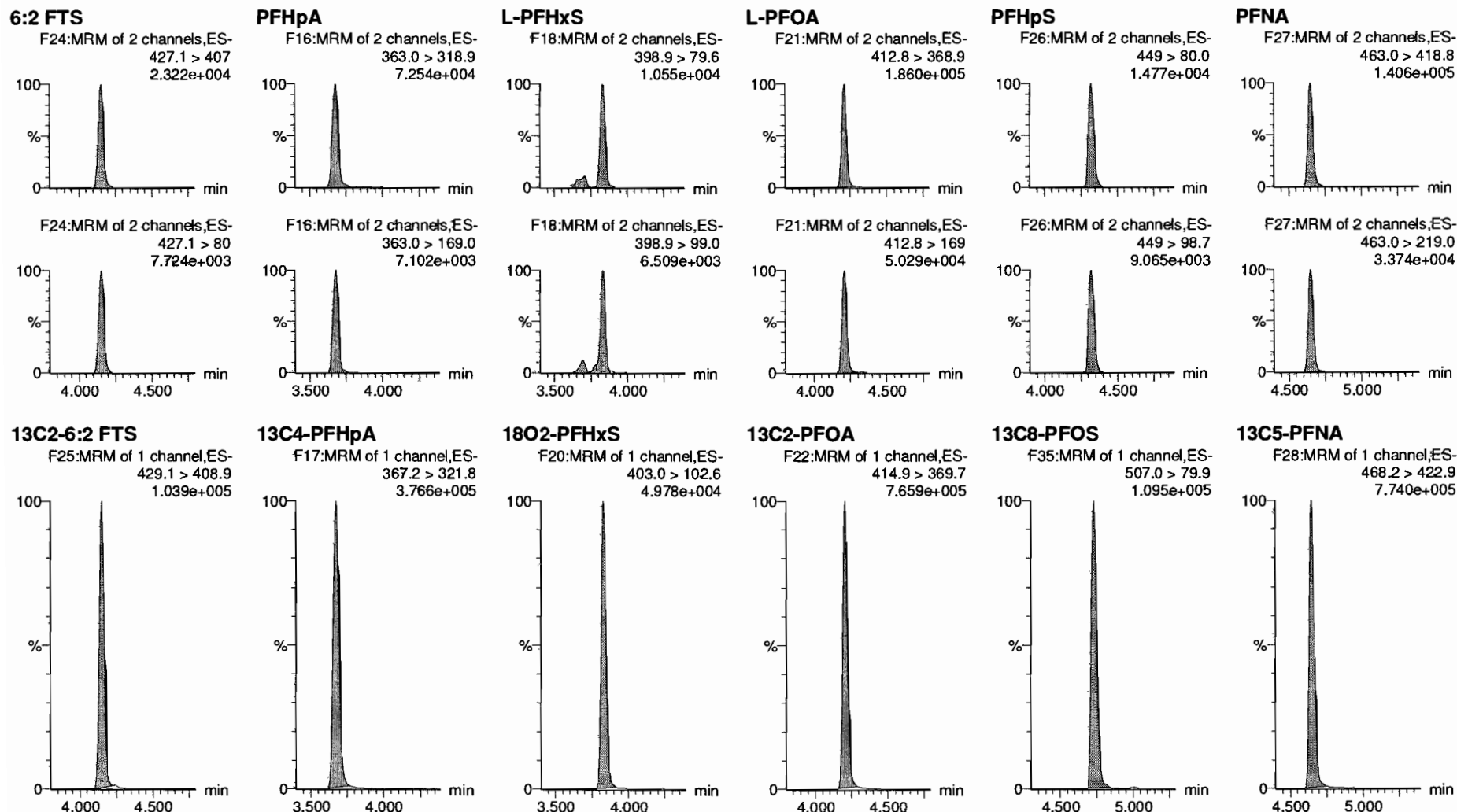


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:24:43 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:25:14 Pacific Daylight Time

Name: 180912M1_5, Date: 12-Sep-2018, Time: 14:26:56, ID: ST180912M1-4 PFC CS1 18I0615, Description: PFC CS1 18I0615



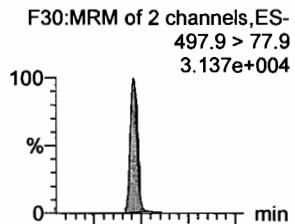
Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

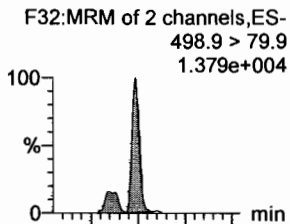
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_5, Date: 12-Sep-2018, Time: 14:26:56, ID: ST180912M1-4 PFC CS1 1810615, Description: PFC CS1 1810615

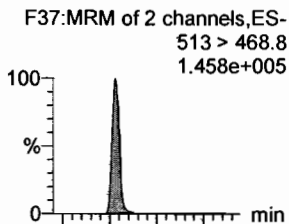
PFOSA



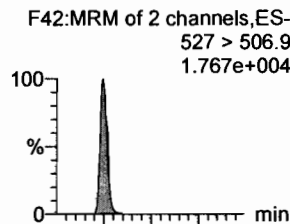
L-PFOS



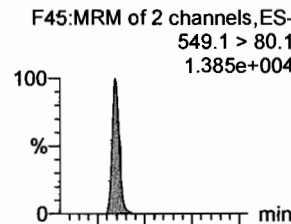
PFDA



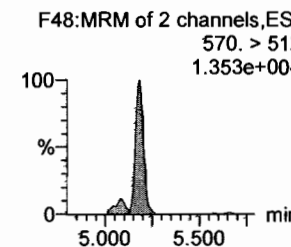
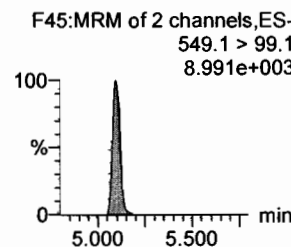
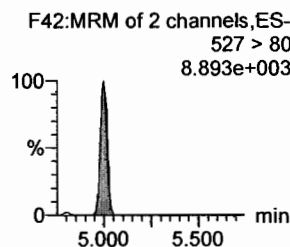
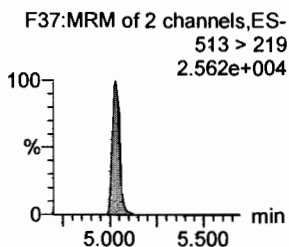
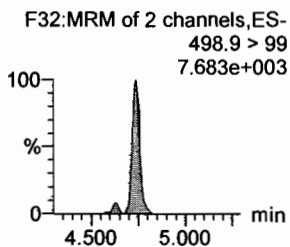
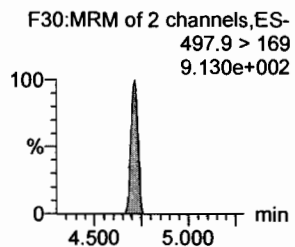
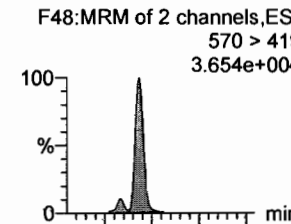
8:2 FTS



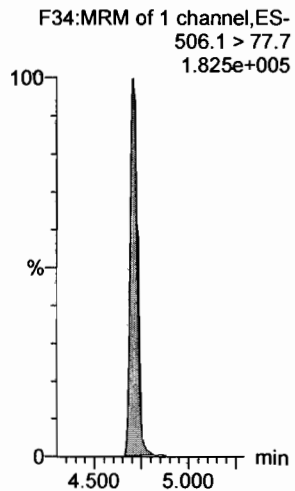
PFNS



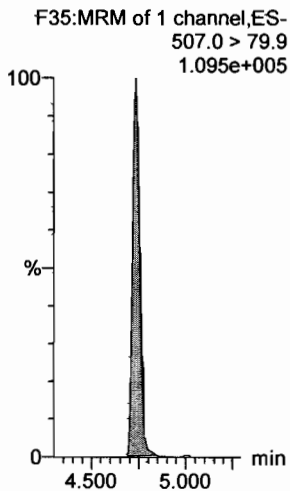
L-MeFOSAA



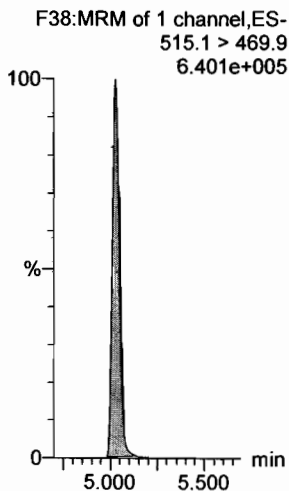
13C8-PFOA



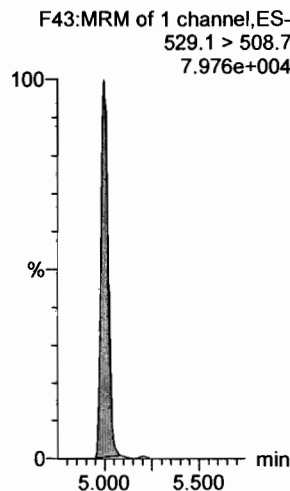
13C8-PFOS



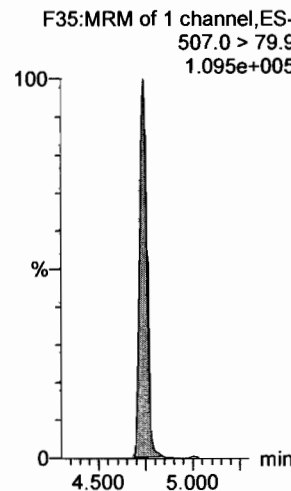
13C2-PFDA



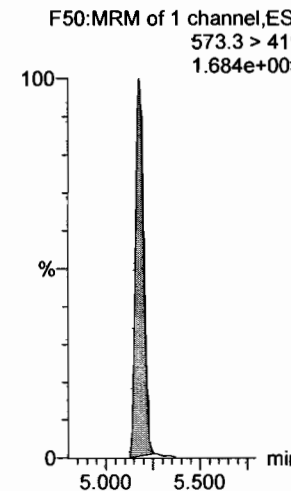
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



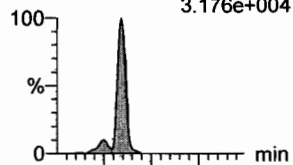
Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

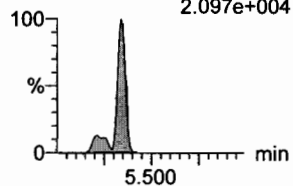
Name: 180912M1_5, Date: 12-Sep-2018, Time: 14:26:56, ID: ST180912M1-4 PFC CS1 1810615, Description: PFC CS1 1810615

L-EtFOSAA

F51:MRM of 2 channels,ES-
584.1 > 419
3.176e+004

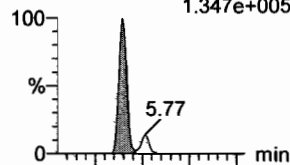


F51:MRM of 2 channels,ES-
584.1 > 526
2.097e+004

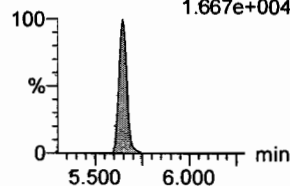


PFDoA

F54:MRM of 4 channels,ES-
612.9 > 569.0
1.347e+005

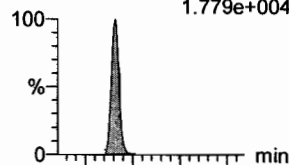


F54:MRM of 4 channels,ES-
612.9 > 318.8
1.667e+004

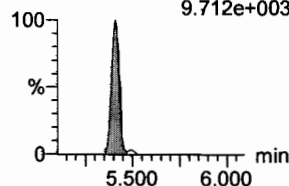


PFDS

F53:MRM of 2 channels,ES-
598.8 > 79.9
1.779e+004

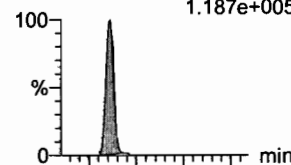


F53:MRM of 2 channels,ES-
598.8 > 98.9
9.712e+003

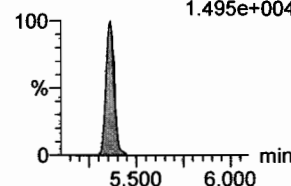


PFUdA

F46:MRM of 2 channels,ES-
563.0 > 518.9
1.187e+005

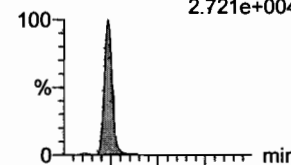


F46:MRM of 2 channels,ES-
563.0 > 269
1.495e+004

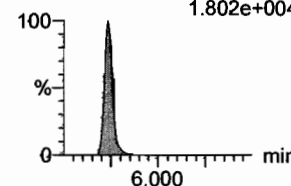


N-MeFOSA

F36:MRM of 2 channels,ES-
512.1 > 168.9
2.721e+004

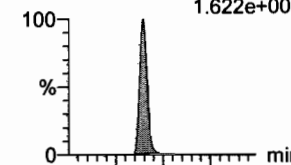


F36:MRM of 2 channels,ES-
512.1 > 219
1.802e+004

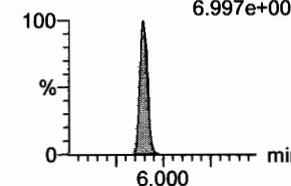


PFTrDA

F60:MRM of 2 channels,ES-
662.9 > 618.9
1.622e+005

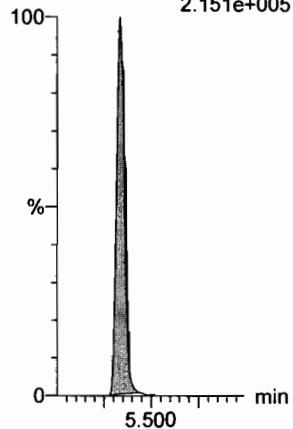


F60:MRM of 2 channels,ES-
662.9 > 319
6.997e+003



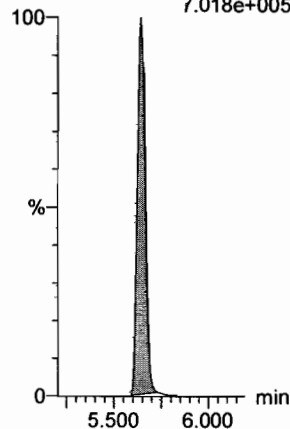
d5-N-EtFOSAA

F52:MRM of 1 channel,ES-
589.3 > 419
2.151e+005



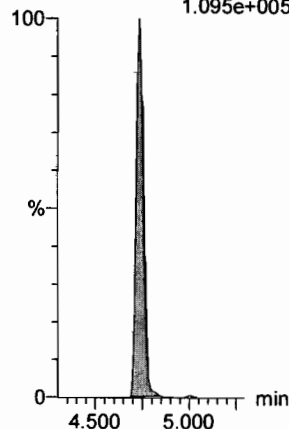
13C2-PFDoA

F55:MRM of 2 channels,ES-
615.0 > 569.7
7.018e+005



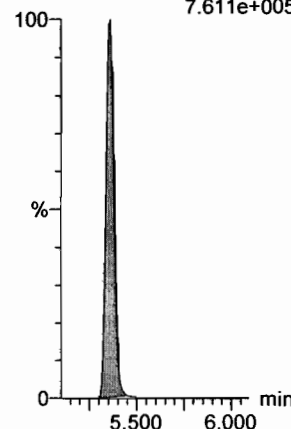
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.095e+005



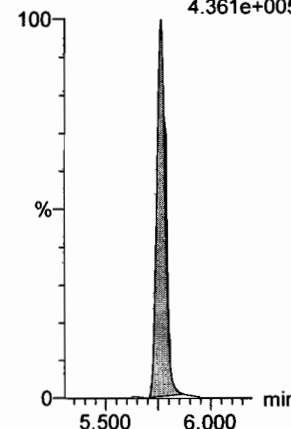
13C2-PFUdA

F47:MRM of 1 channel,ES-
565 > 519.8
7.611e+005



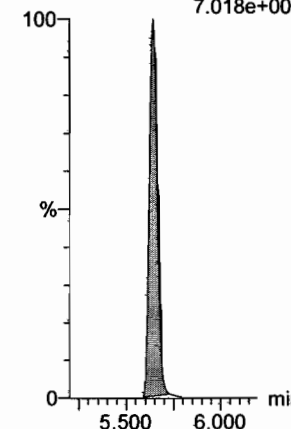
d3-N-MeFOSA

F39:MRM of 1 channel,ES-
515.2 > 168.9
4.361e+005



13C2-PFDoA

F55:MRM of 2 channels,ES-
615.0 > 569.7
7.018e+005

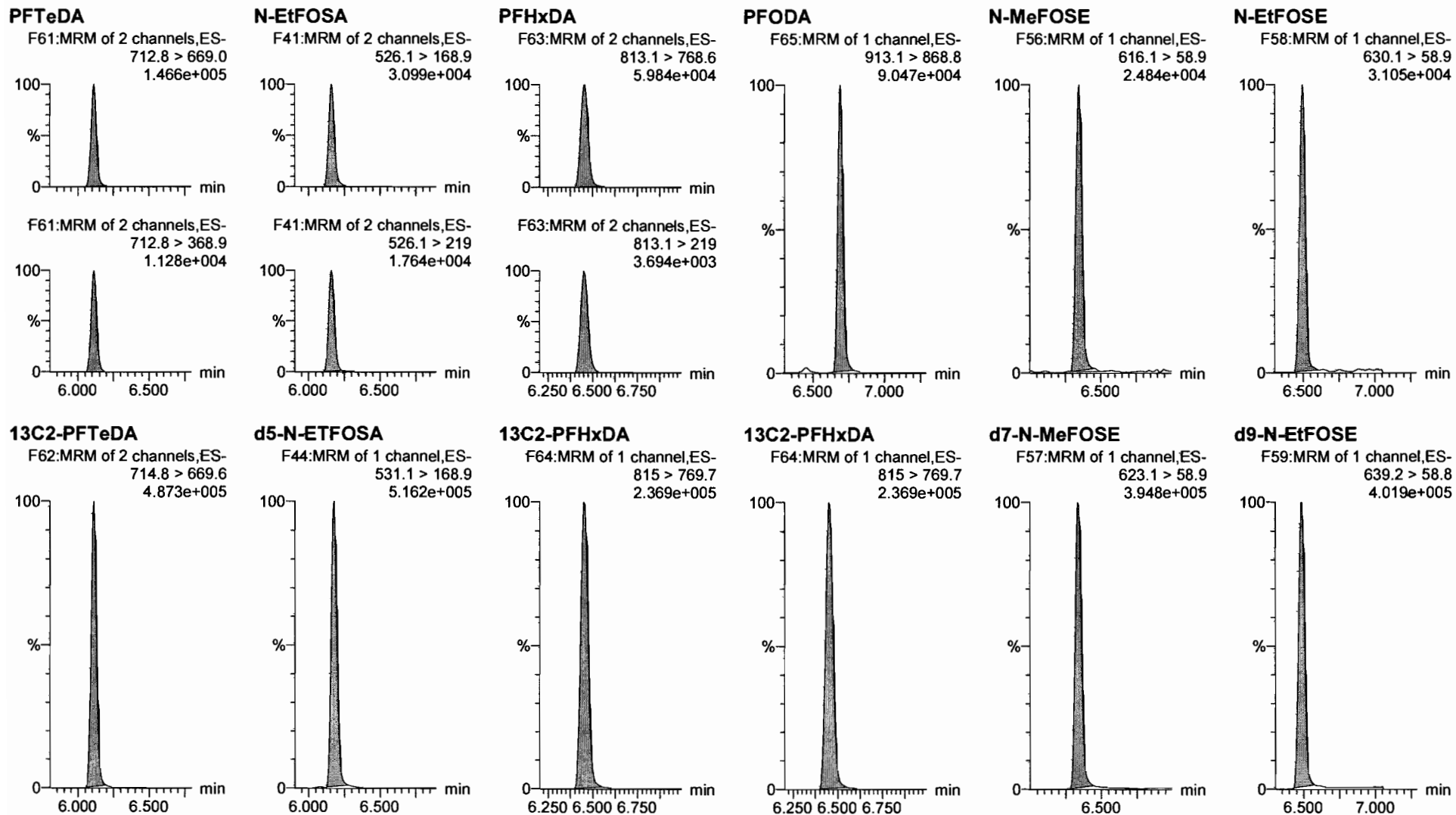


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_5, Date: 12-Sep-2018, Time: 14:26:56, ID: ST180912M1-4 PFC CS1 18I0615, Description: PFC CS1 18I0615



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

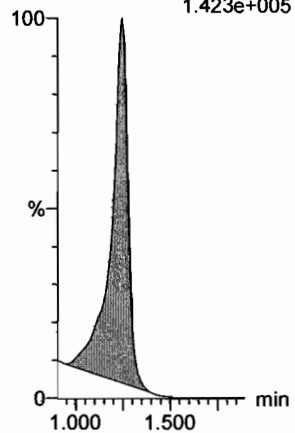
Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_5, Date: 12-Sep-2018, Time: 14:26:56, ID: ST180912M1-4 PFC CS1 1810615, Description: PFC CS1 1810615

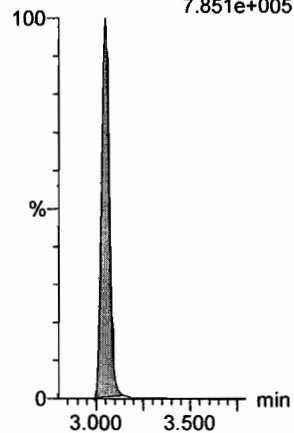
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.423e+005



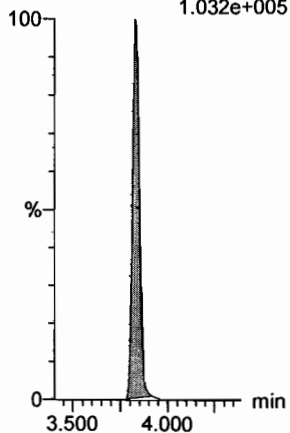
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
7.851e+005



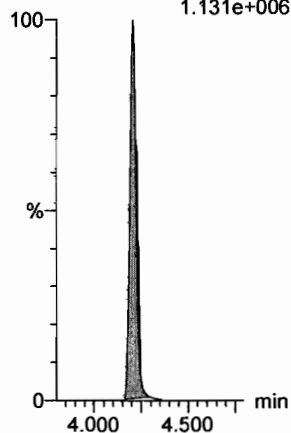
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.032e+005



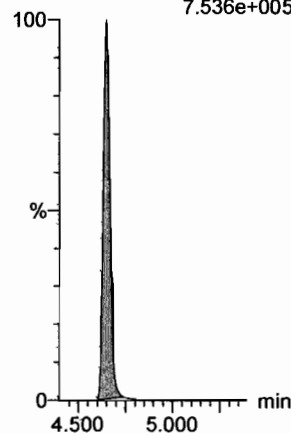
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
1.131e+006



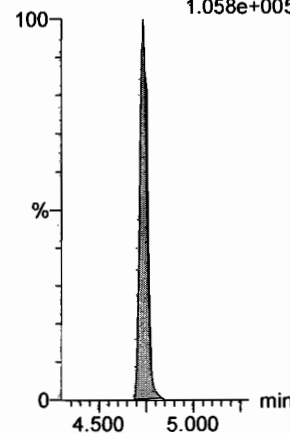
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
7.536e+005



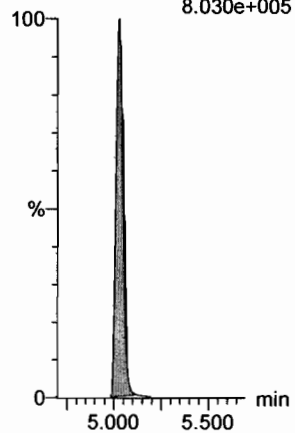
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.058e+005



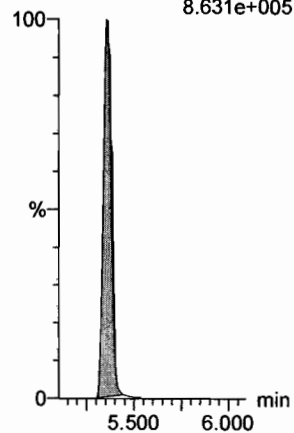
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
8.030e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
8.631e+005



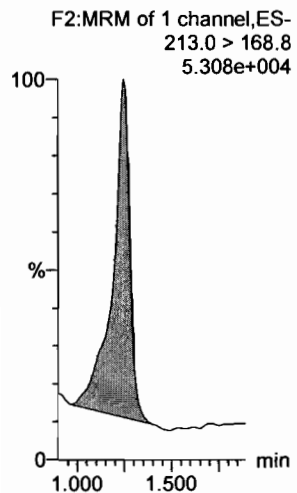
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Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

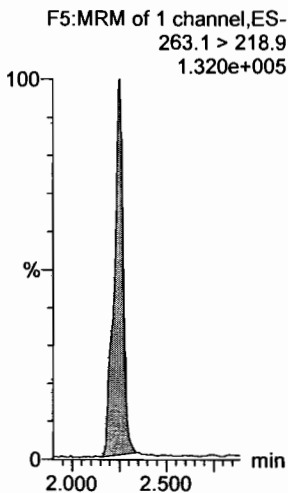
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Name: 180912M1_6, Date: 12-Sep-2018, Time: 14:37:34, ID: ST180912M1-5 PFC CS2 18I0616, Description: PFC CS2 18I0616

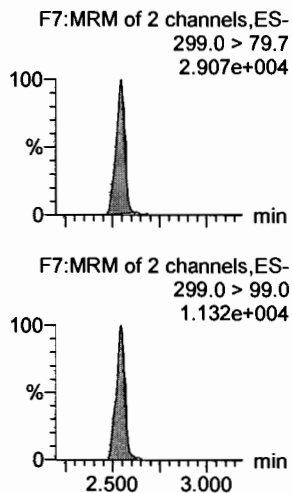
PFBA



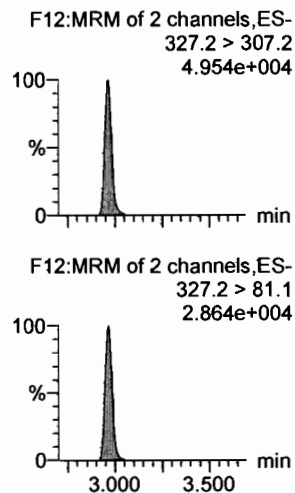
PFPeA



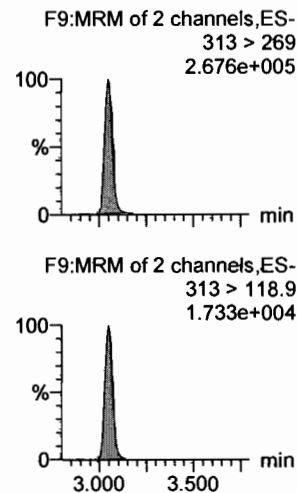
PFBS



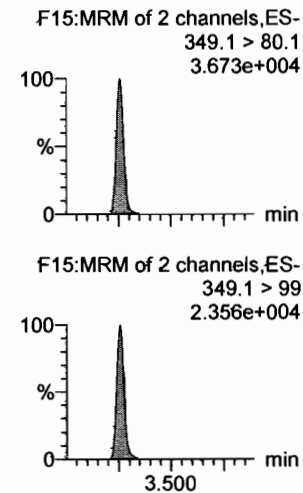
4:2 FTS



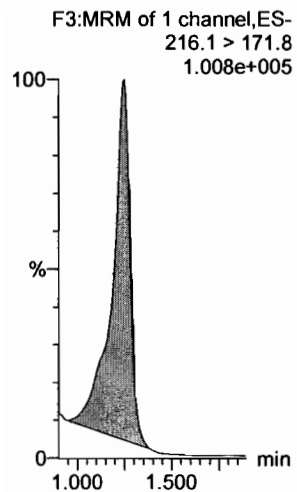
PFHxA



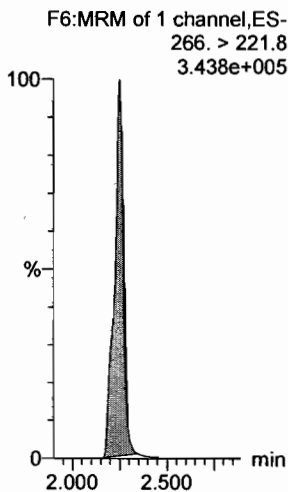
PFPeS



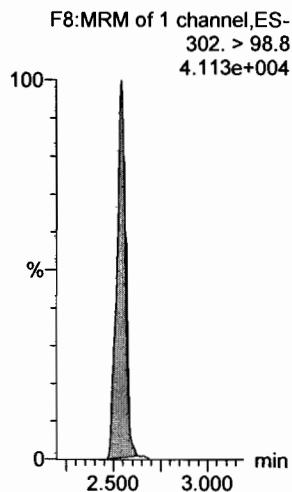
13C3-PFBA



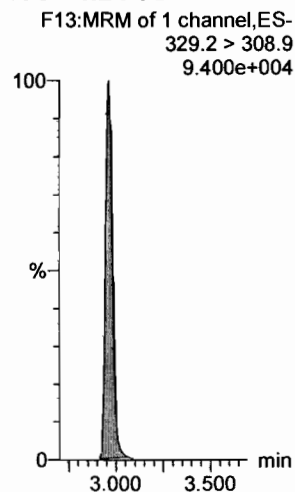
13C3-PFPeA



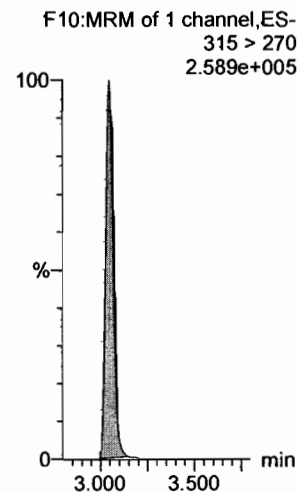
13C3-PFBS



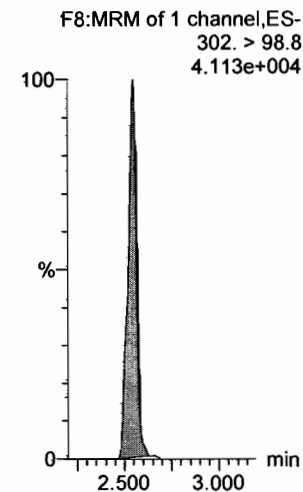
13C2-4:2 FTS



13C2-PFHxA



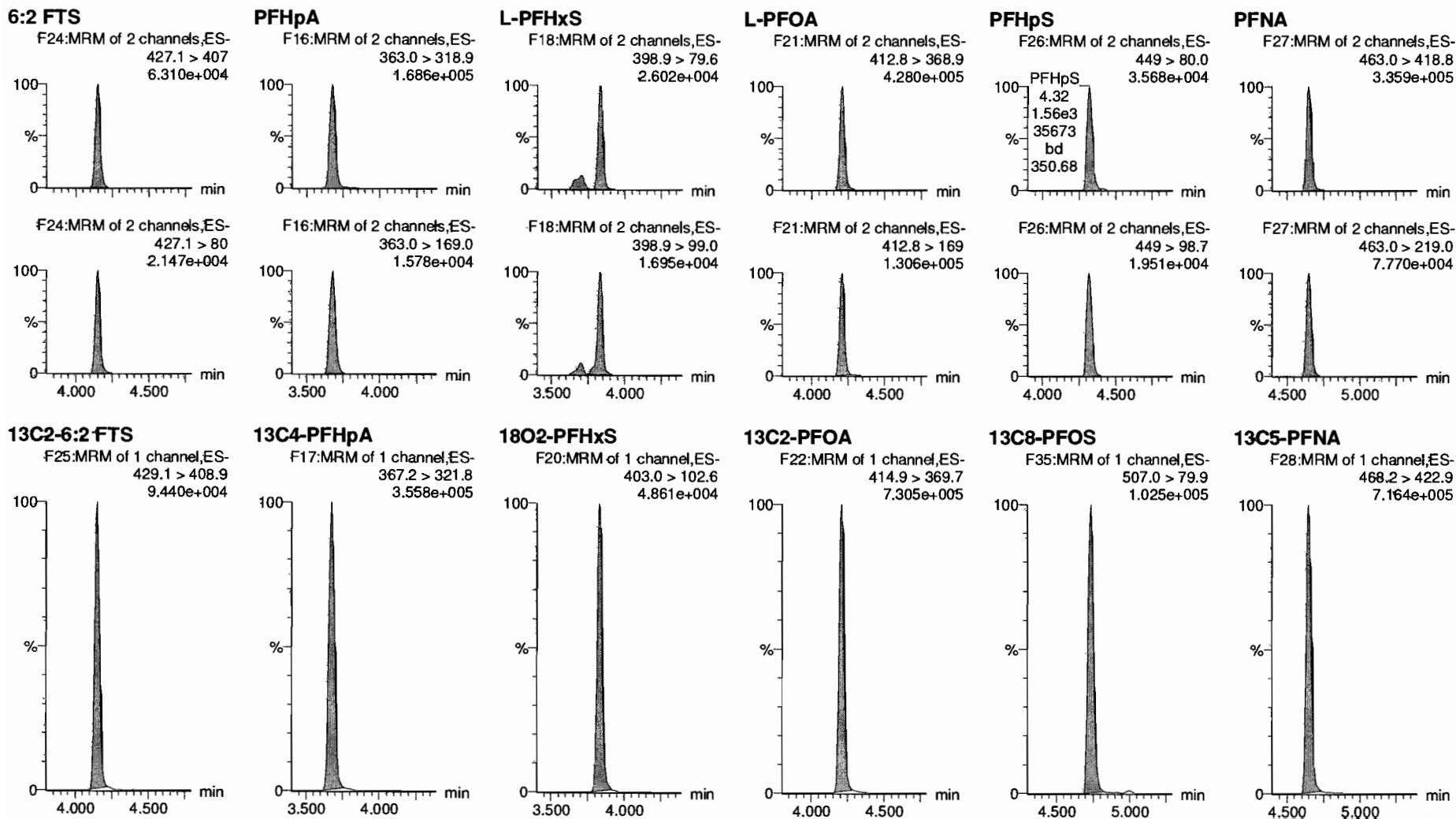
13C3-PFBS



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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Printed: Wednesday, September 12, 2018 16:25:14 Pacific Daylight Time

Name: 180912M1_6, Date: 12-Sep-2018, Time: 14:37:34, ID: ST180912M1-5 PFC CS2 18I0616, Description: PFC CS2 18I0616



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

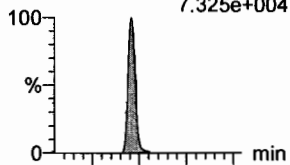
Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

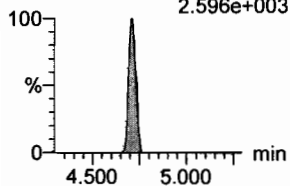
Name: 180912M1_6, Date: 12-Sep-2018, Time: 14:37:34, ID: ST180912M1-5 PFC CS2 1810616, Description: PFC CS2 1810616

PFOSA

F30:MRM of 2 channels,ES-
497.9 > 77.9
7.325e+004

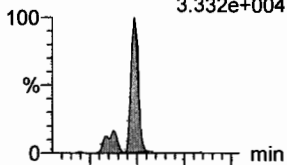


F30:MRM of 2 channels,ES-
497.9 > 169
2.596e+003

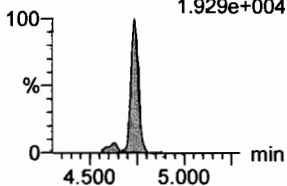


L-PFOS

F32:MRM of 2 channels,ES-
498.9 > 79.9
3.332e+004

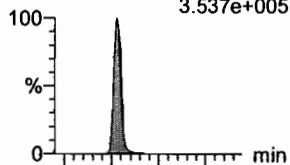


F32:MRM of 2 channels,ES-
498.9 > 99
1.929e+004

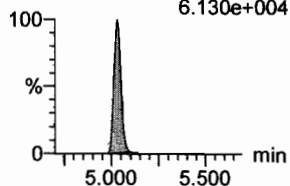


PFDA

F37:MRM of 2 channels,ES-
513 > 468.8
3.537e+005

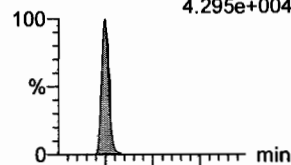


F37:MRM of 2 channels,ES-
513 > 219
6.130e+004

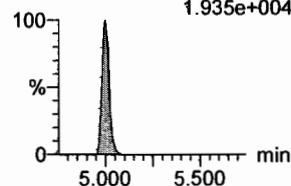


8:2 FTS

F42:MRM of 2 channels,ES-
527 > 506.9
4.295e+004

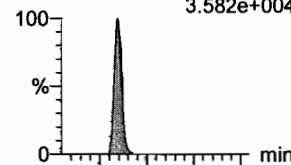


F42:MRM of 2 channels,ES-
527 > 80
1.935e+004

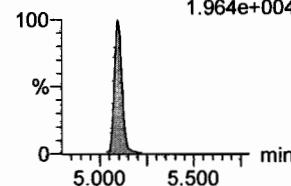


PFNS

F45:MRM of 2 channels,ES-
549.1 > 80.1
3.582e+004

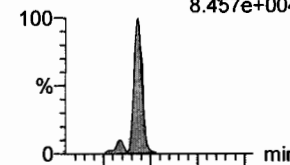


F45:MRM of 2 channels,ES-
549.1 > 99.1
1.964e+004

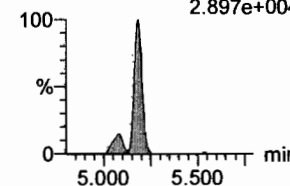


L-MeFOSAA

F48:MRM of 2 channels,ES-
570 > 419
8.457e+004

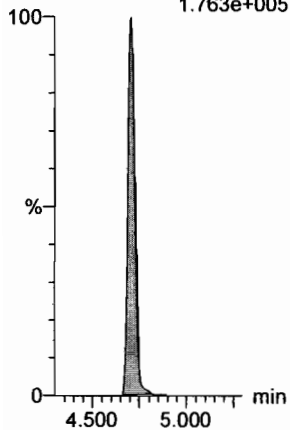


F48:MRM of 2 channels,ES-
570. > 512
2.897e+004



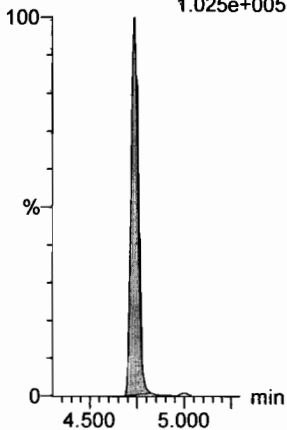
13C8-PFOA

F34:MRM of 1 channel,ES-
506.1 > 77.7
1.763e+005



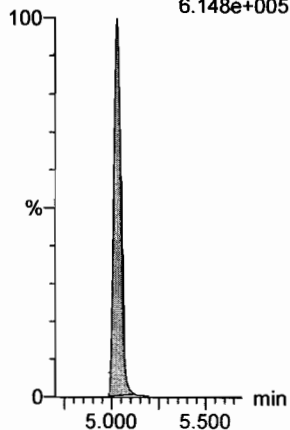
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.025e+005



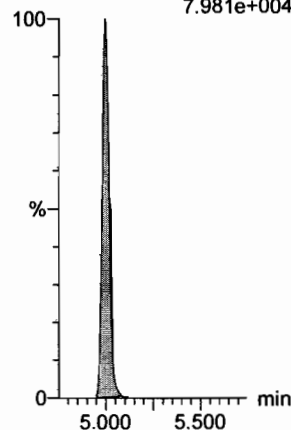
13C2-PFDA

F38:MRM of 1 channel,ES-
515.1 > 469.9
6.148e+005



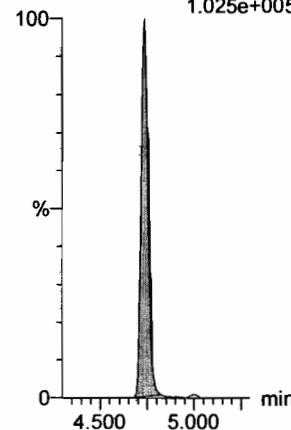
13C2-8:2 FTS

F43:MRM of 1 channel,ES-
529.1 > 508.7
7.981e+004



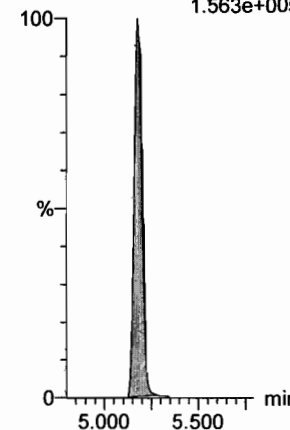
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.025e+005



d3-N-MeFOSAA

F50:MRM of 1 channel,ES-
573.3 > 419
1.563e+005



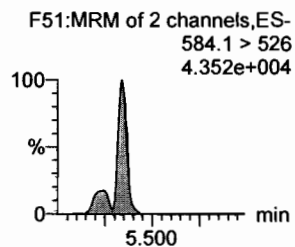
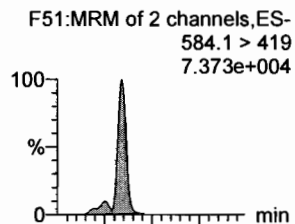
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Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

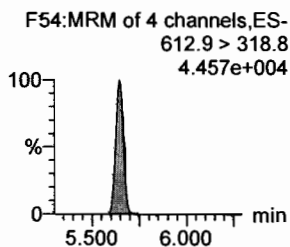
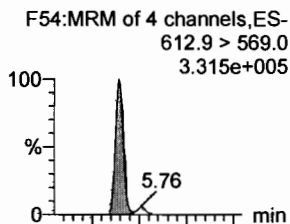
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_6, Date: 12-Sep-2018, Time: 14:37:34, ID: ST180912M1-5 PFC CS2 18I0616, Description: PFC CS2 18I0616

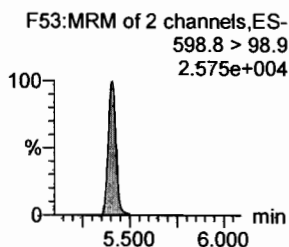
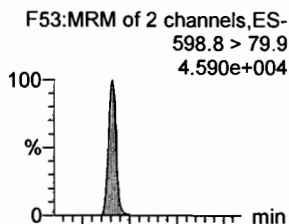
L-EtFOSAA



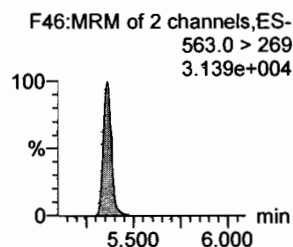
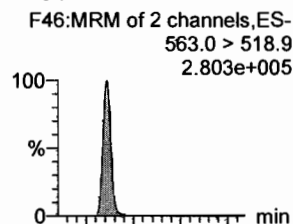
PFDoA



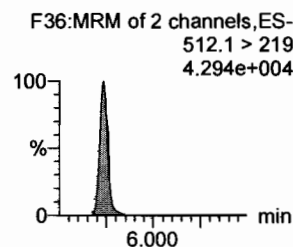
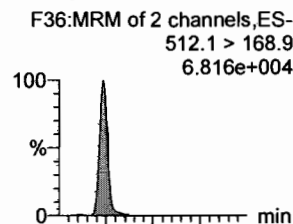
PFDS



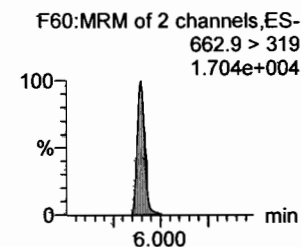
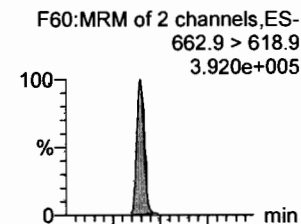
PFUdA



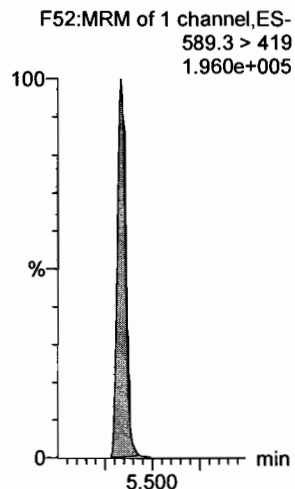
N-MeFOSA



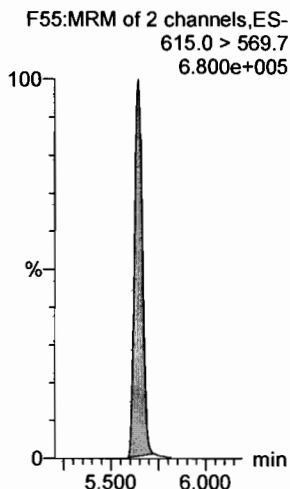
PFTrDA



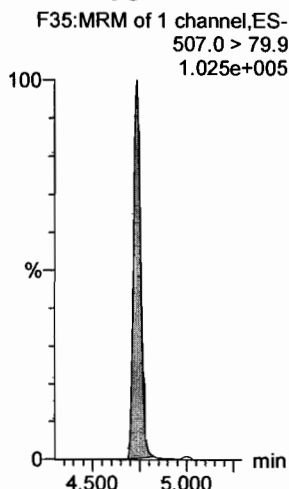
d5-N-EtFOSAA



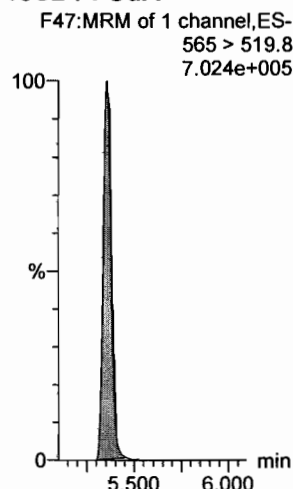
13C2-PFDoA



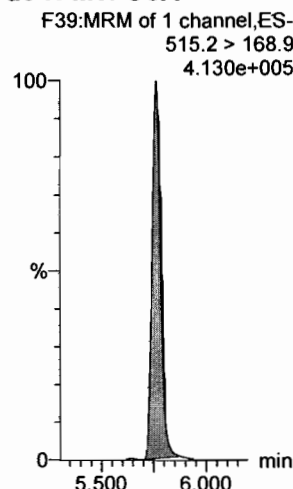
13C8-PFOS



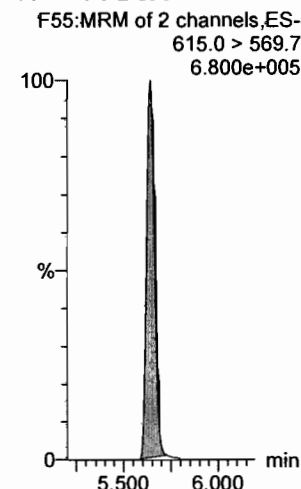
13C2-PFUdA



d3-N-MeFOSA



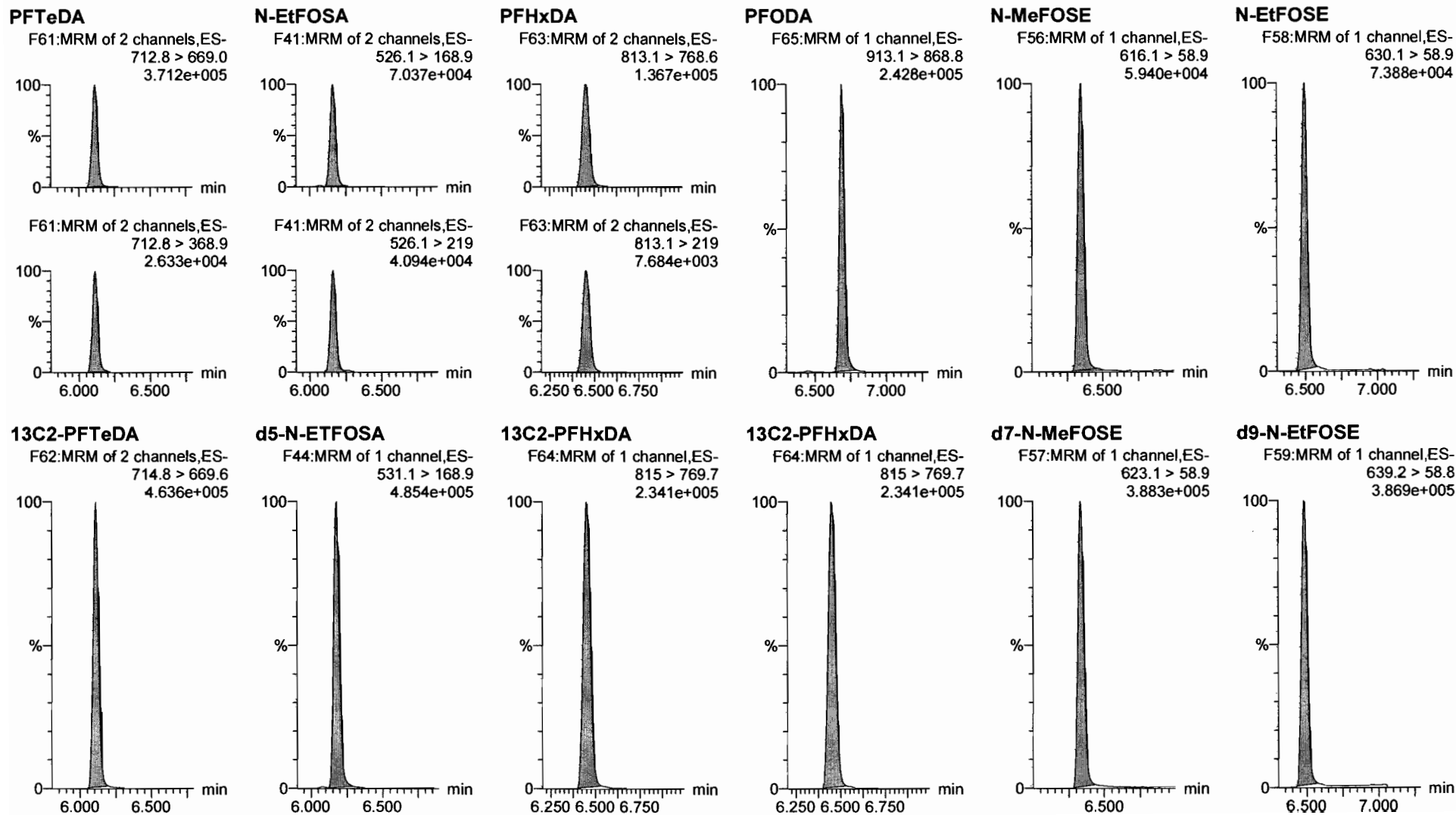
13C2-PFDoA



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_6, Date: 12-Sep-2018, Time: 14:37:34, ID: ST180912M1-5 PFC CS2 1810616, Description: PFC CS2 1810616



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

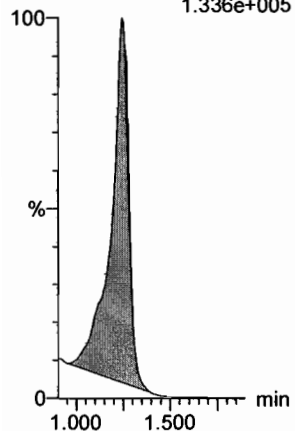
Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_6, Date: 12-Sep-2018, Time: 14:37:34, ID: ST180912M1-5 PFC CS2 18I0616, Description: PFC CS2 18I0616

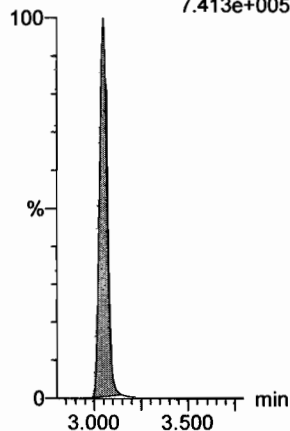
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.336e+005



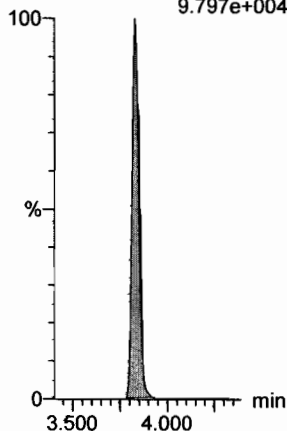
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
7.413e+005



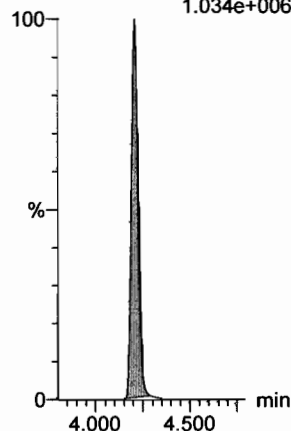
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
9.797e+004



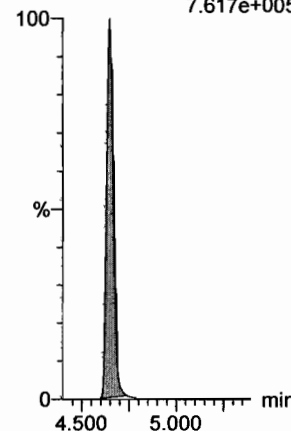
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
1.034e+006



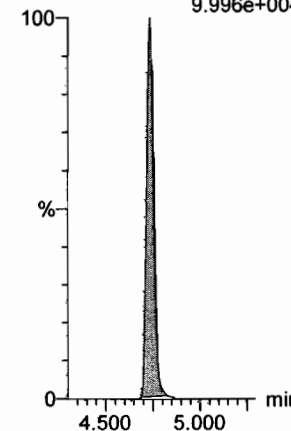
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
7.617e+005



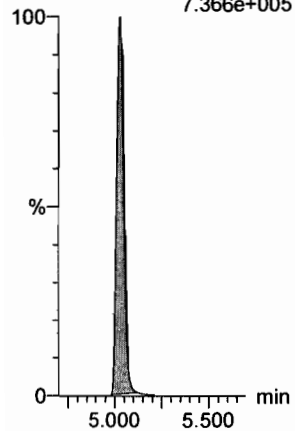
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
9.996e+004



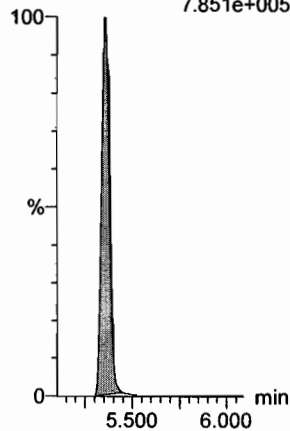
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
7.366e+005



13C7-PFUDa

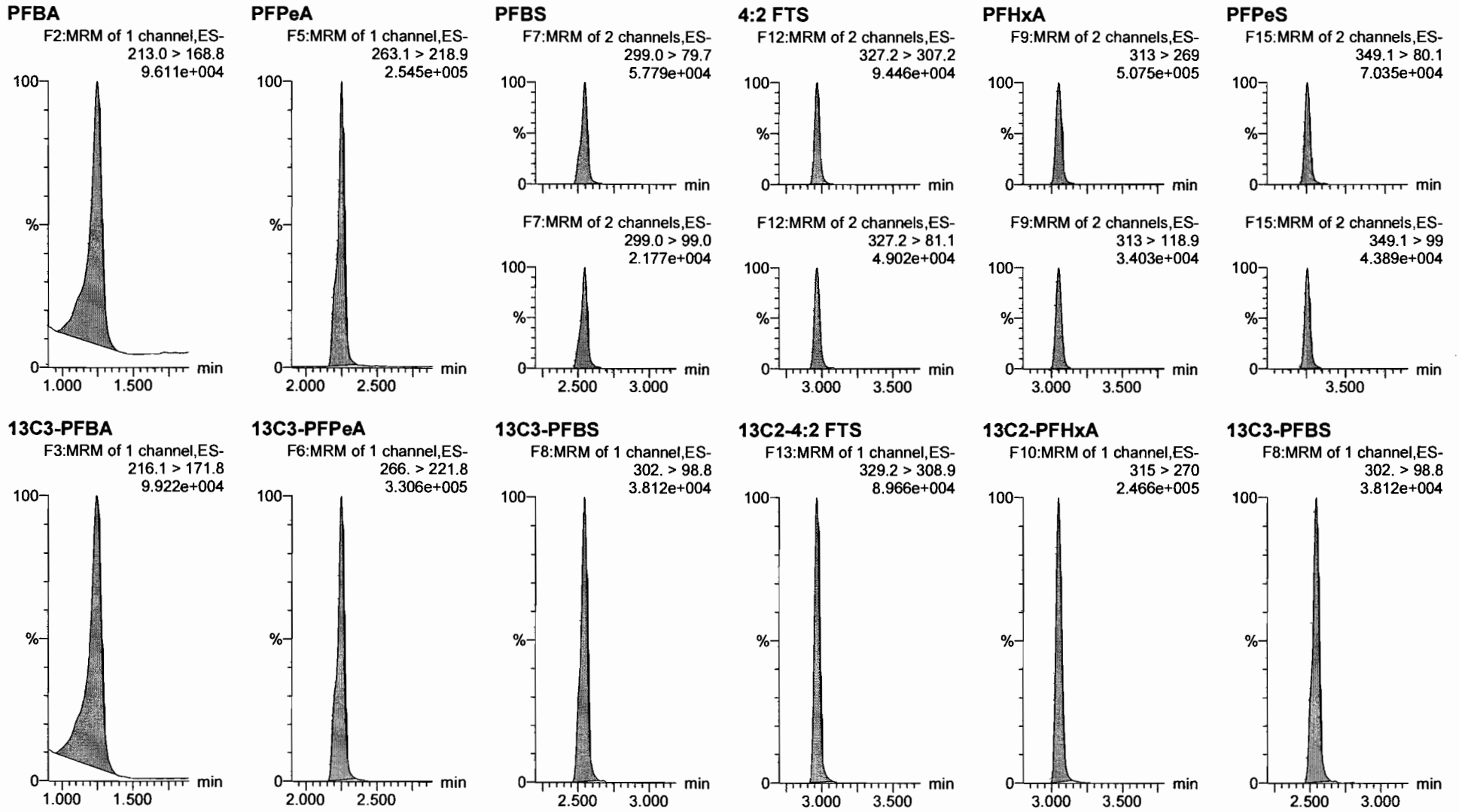
F49:MRM of 1 channel,ES-
570.1 > 524.8
7.851e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

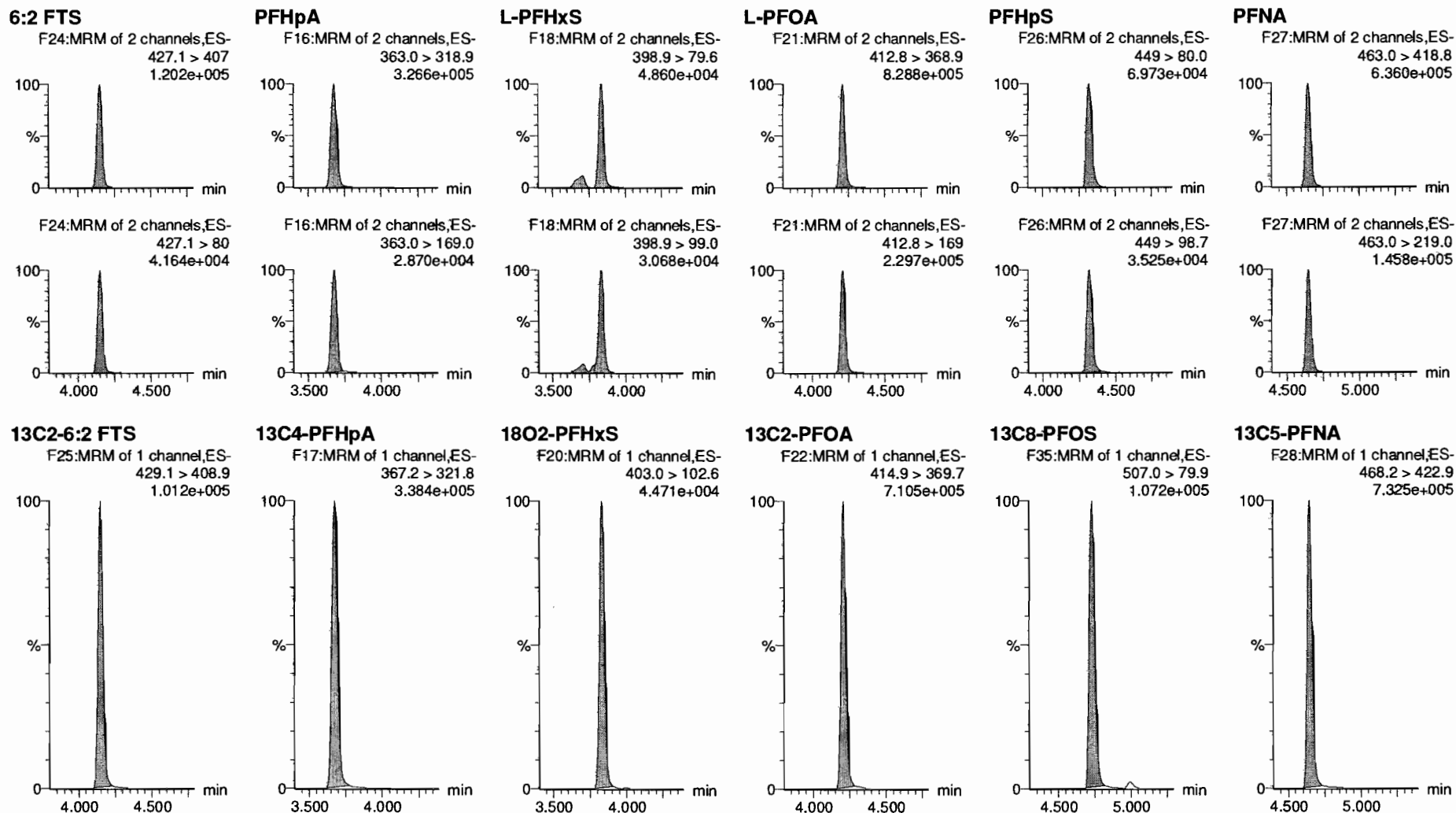
Name: 180912M1_7, Date: 12-Sep-2018, Time: 14:48:06, ID: ST180912M1-6 PFC CS3 1810617, Description: PFC CS3 1810617



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:24:43 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:28:23 Pacific Daylight Time

Name: 180912M1_7, Date: 12-Sep-2018, Time: 14:48:06, ID: ST180912M1-6 PFC CS3 18I0617, Description: PFC CS3 18I0617

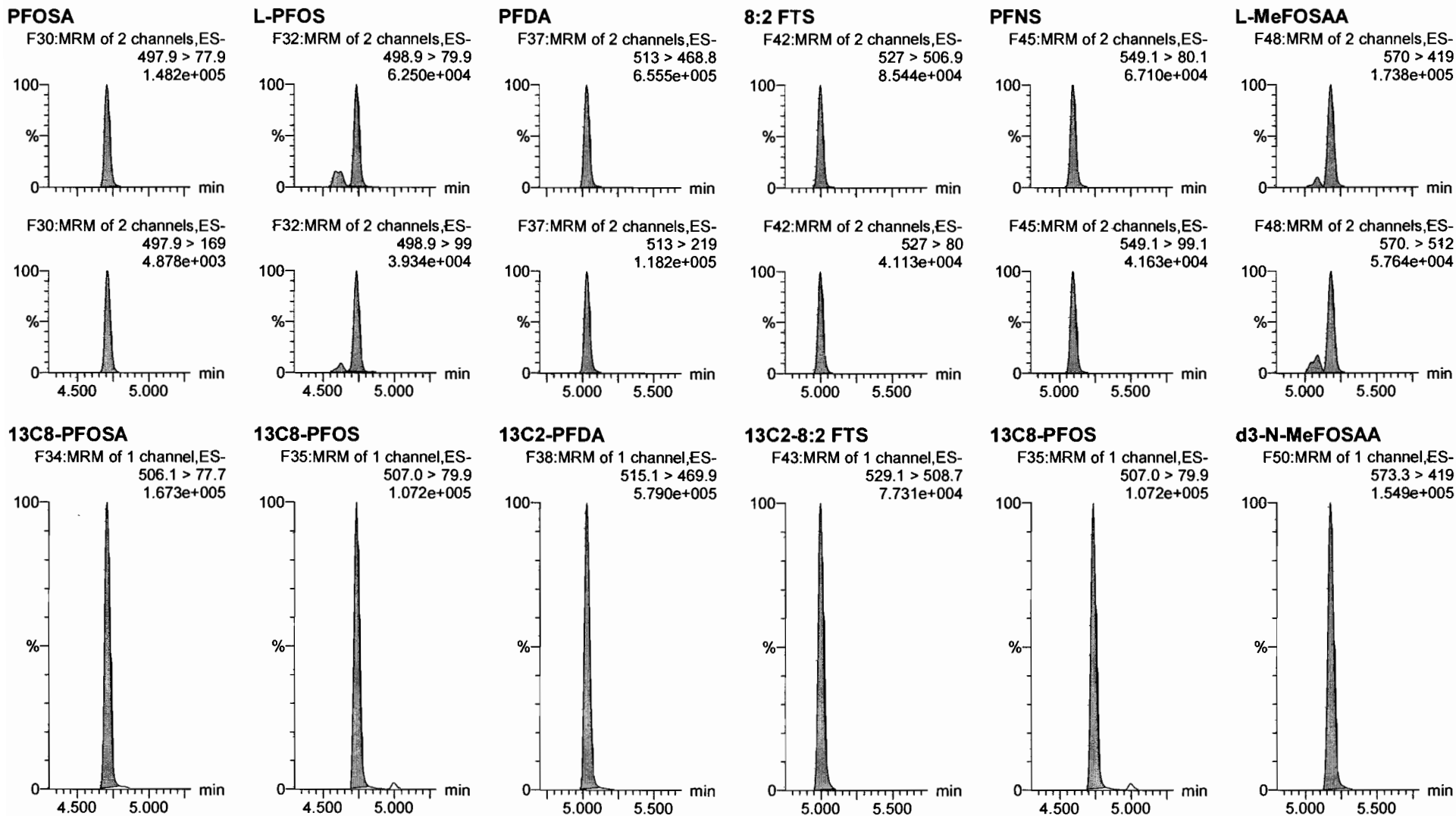


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Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_7, Date: 12-Sep-2018, Time: 14:48:06, ID: ST180912M1-6 PFC CS3 1810617, Description: PFC CS3 1810617



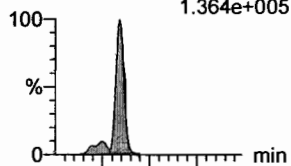
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Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
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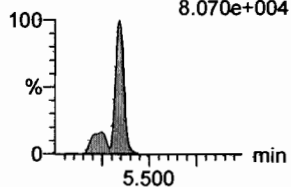
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L-EtFOSAA

F51:MRM of 2 channels,ES-
584.1 > 419
1.364e+005

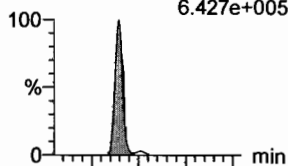


F51:MRM of 2 channels,ES-
584.1 > 526
8.070e+004

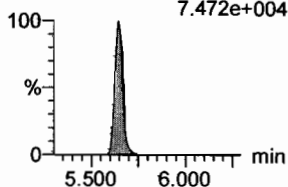


PFDoA

F54:MRM of 4 channels,ES-
612.9 > 569.0
6.427e+005

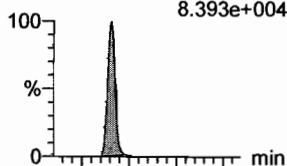


F54:MRM of 4 channels,ES-
612.9 > 318.8
7.472e+004

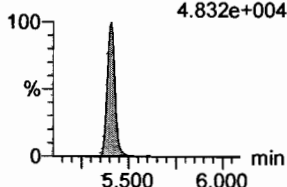


PFDS

F53:MRM of 2 channels,ES-
598.8 > 79.9
8.393e+004

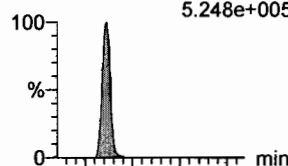


F53:MRM of 2 channels,ES-
598.8 > 98.9
4.832e+004

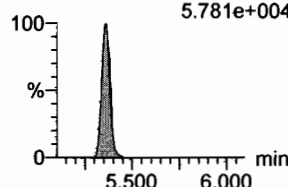


PFUdA

F46:MRM of 2 channels,ES-
563.0 > 518.9
5.248e+005

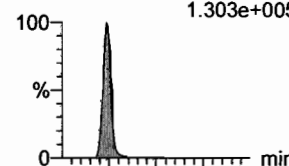


F46:MRM of 2 channels,ES-
563.0 > 269
5.781e+004

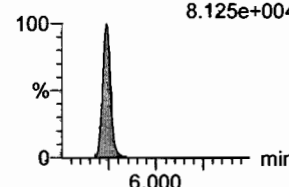


N-MeFOSA

F36:MRM of 2 channels,ES-
512.1 > 168.9
1.303e+005

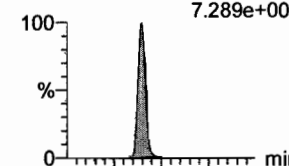


F36:MRM of 2 channels,ES-
512.1 > 219
8.125e+004

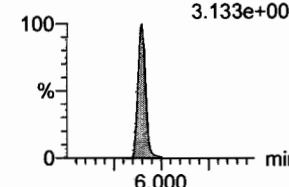


PFTrDA

F60:MRM of 2 channels,ES-
662.9 > 618.9
7.289e+005

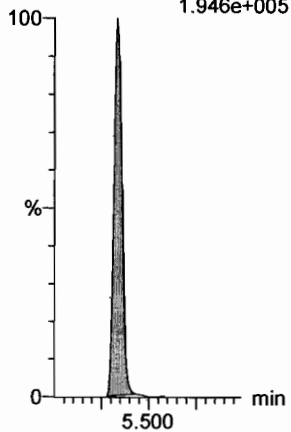


F60:MRM of 2 channels,ES-
662.9 > 319
3.133e+004



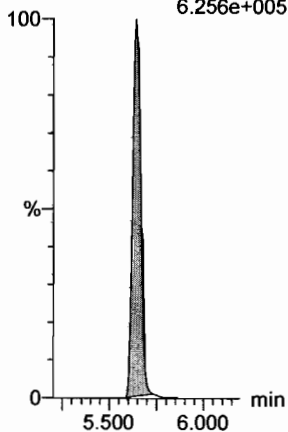
d5-N-EtFOSAA

F52:MRM of 1 channel,ES-
589.3 > 419
1.946e+005



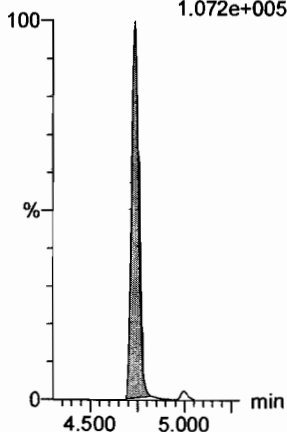
13C2-PFDoA

F55:MRM of 2 channels,ES-
615.0 > 569.7
6.256e+005



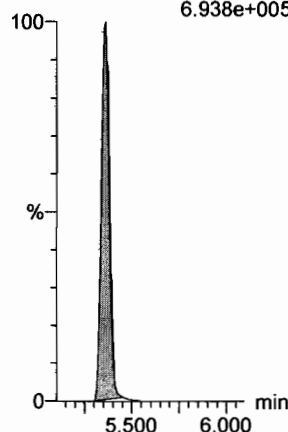
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.072e+005



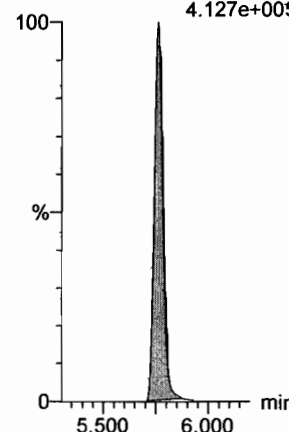
13C2-PFUdA

F47:MRM of 1 channel,ES-
565 > 519.8
6.938e+005



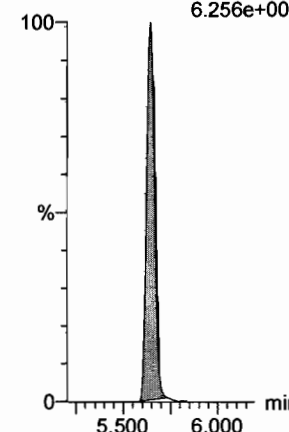
d3-N-MeFOSA

F39:MRM of 1 channel,ES-
515.2 > 168.9
4.127e+005



13C2-PFDoA

F55:MRM of 2 channels,ES-
615.0 > 569.7
6.256e+005



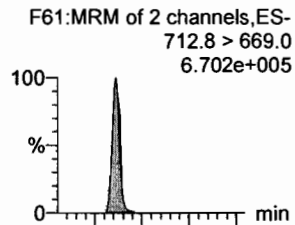
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Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

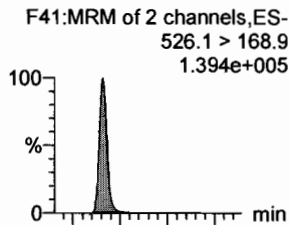
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Name: 180912M1_7, Date: 12-Sep-2018, Time: 14:48:06, ID: ST180912M1-6 PFC CS3 18I0617, Description: PFC CS3 18I0617

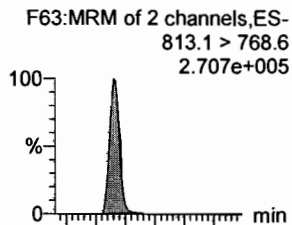
PFTeDA



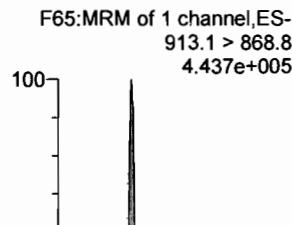
N-EtFOSA



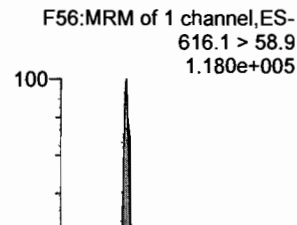
PFHxDA



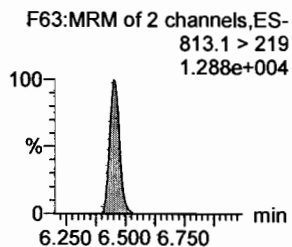
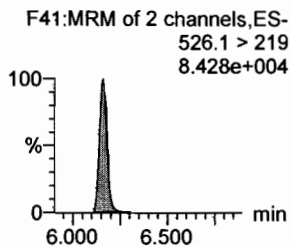
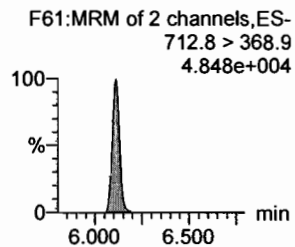
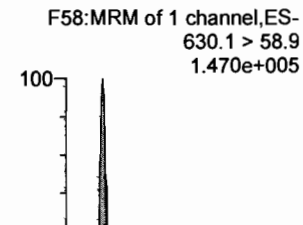
PFODA



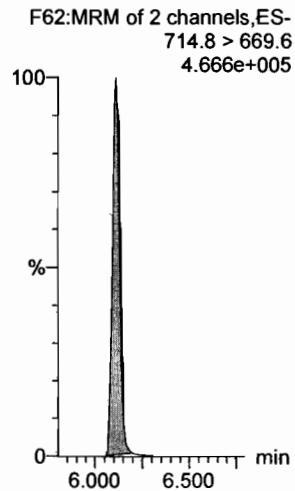
N-MeFOSE



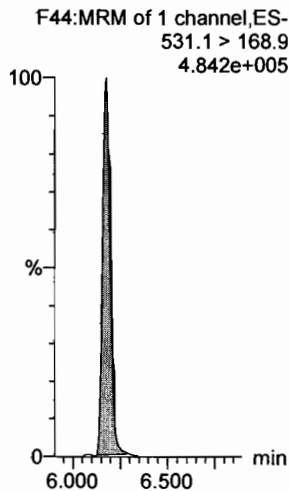
N-EtFOSE



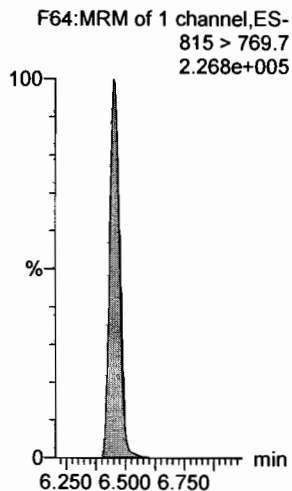
13C2-PFTeDA



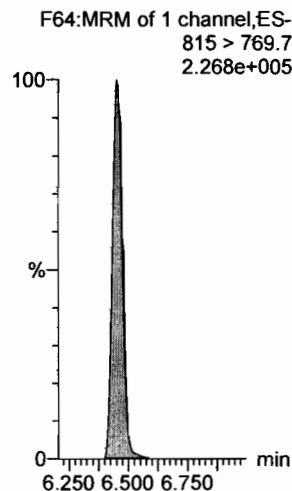
d5-N-ETFOSA



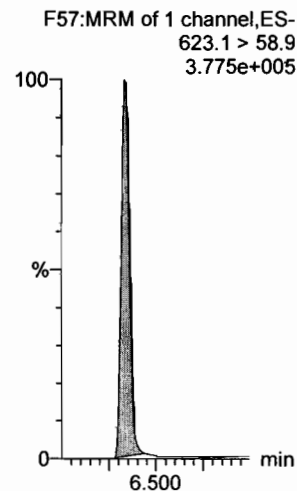
13C2-PFHxDA



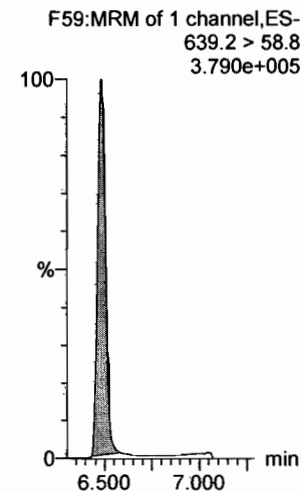
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



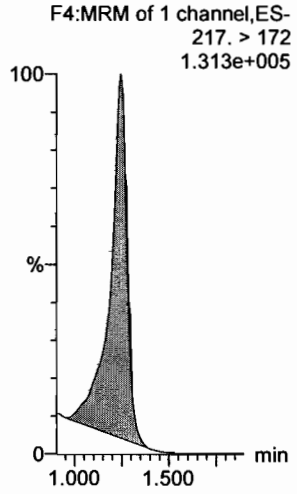
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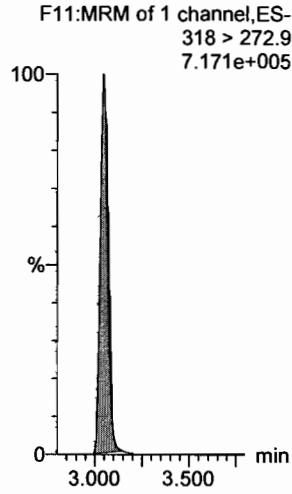
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_7, Date: 12-Sep-2018, Time: 14:48:06, ID: ST180912M1-6 PFC CS3 18I0617, Description: PFC CS3 18I0617

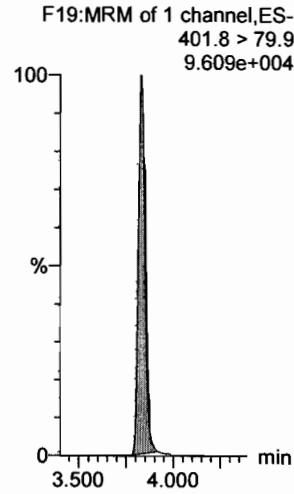
13C4-PFBA



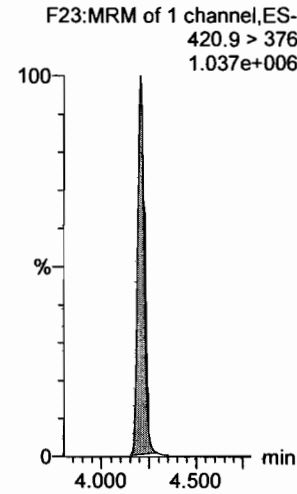
13C5-PFHxA



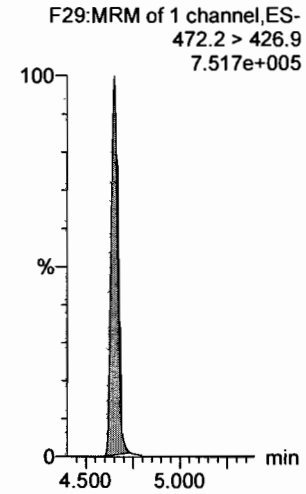
13C3-PFHxS



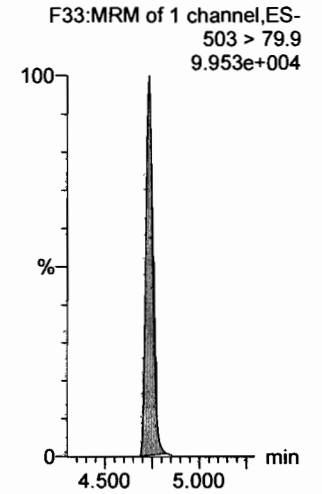
13C8-PFOA



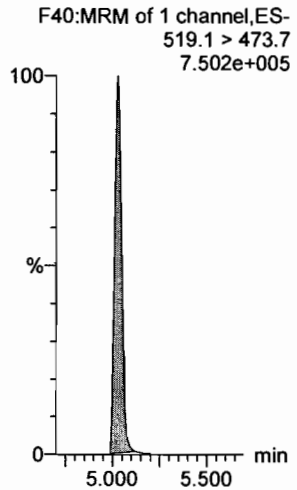
13C9-PFNA



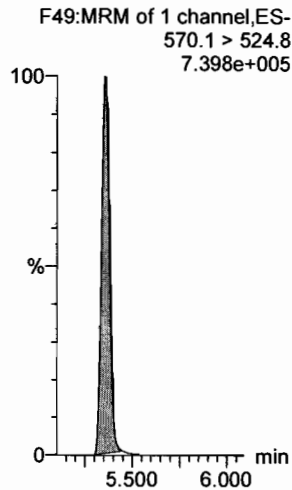
13C4-PFOS



13C6-PFDA



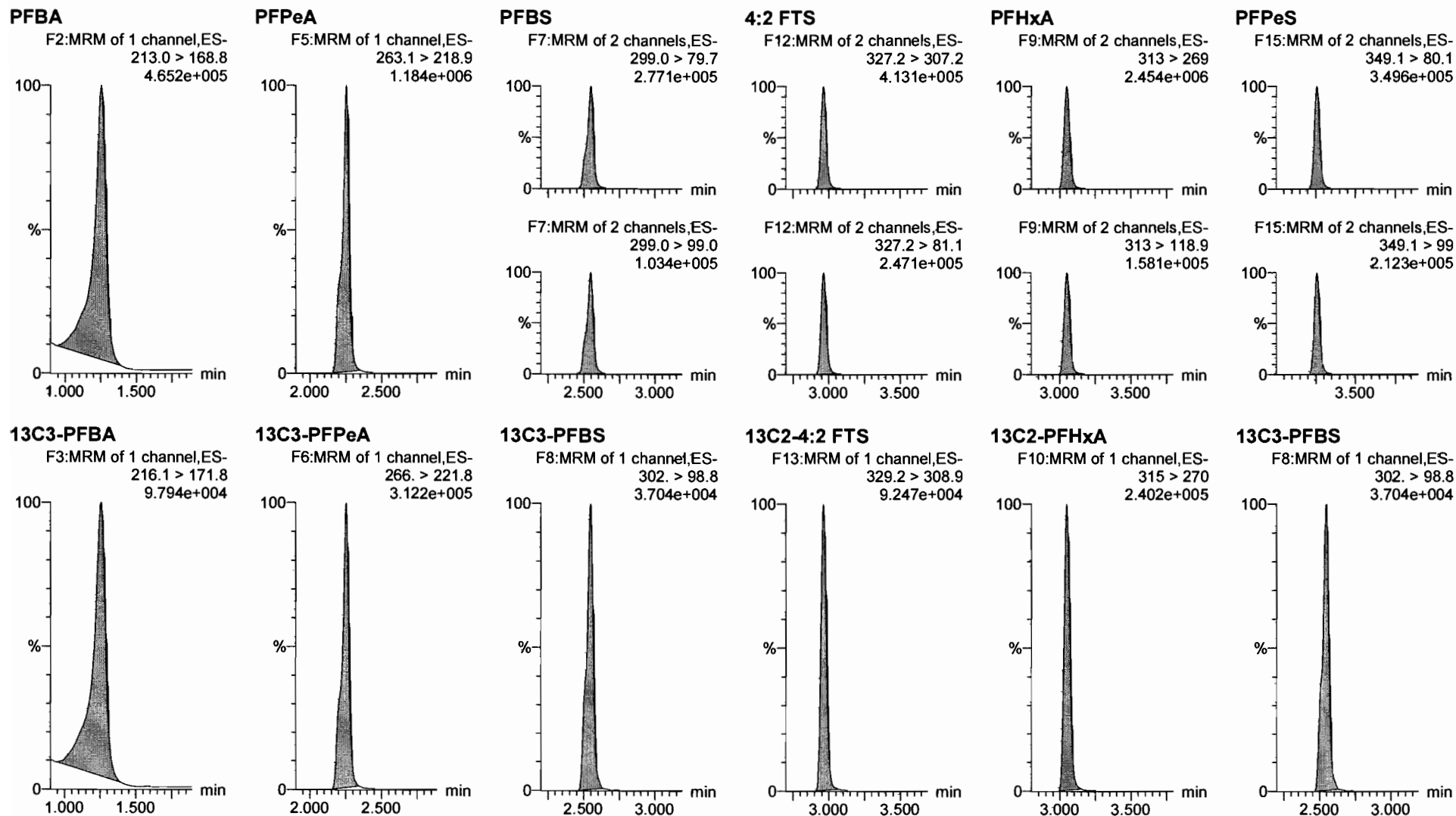
13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

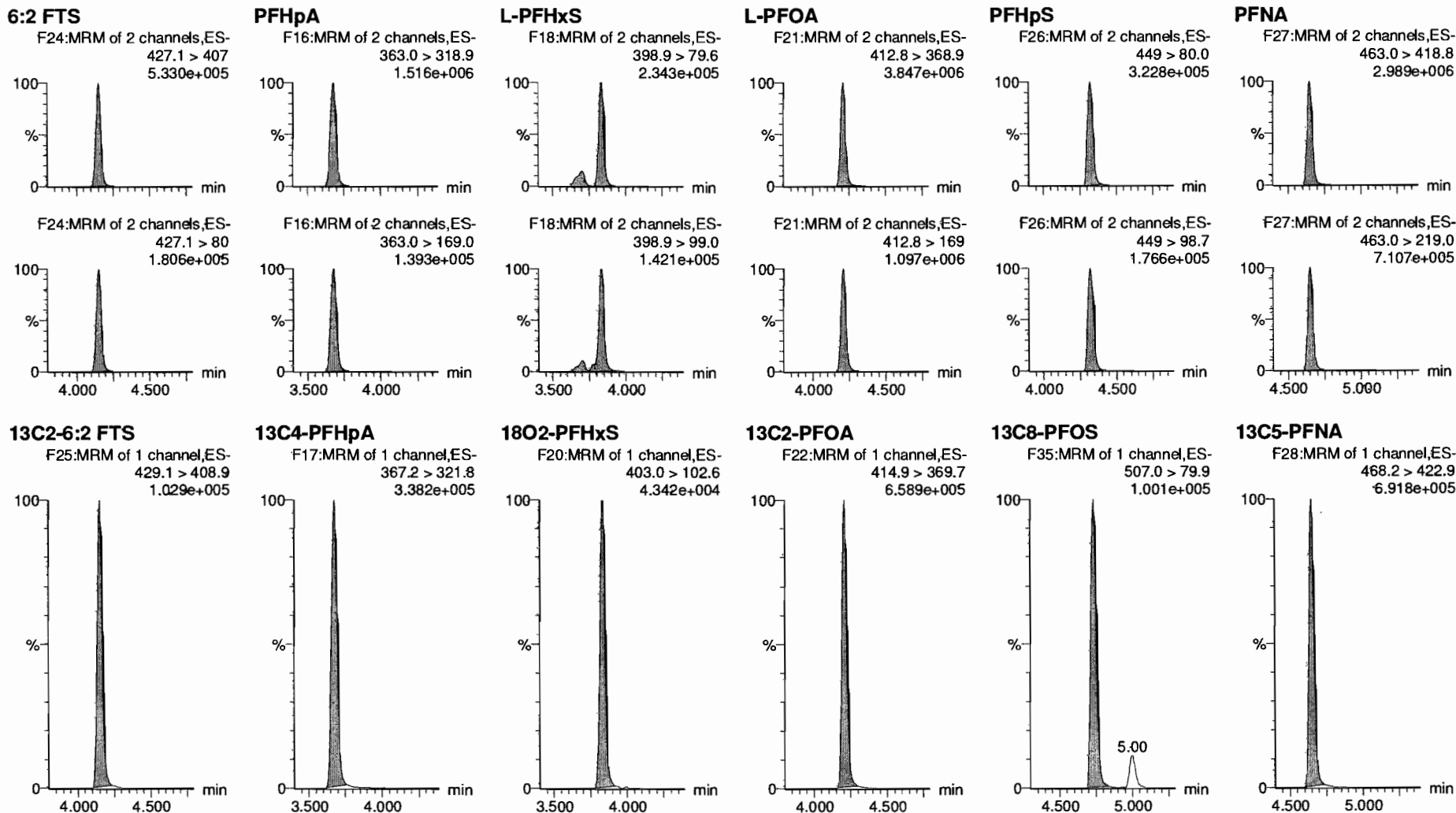
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Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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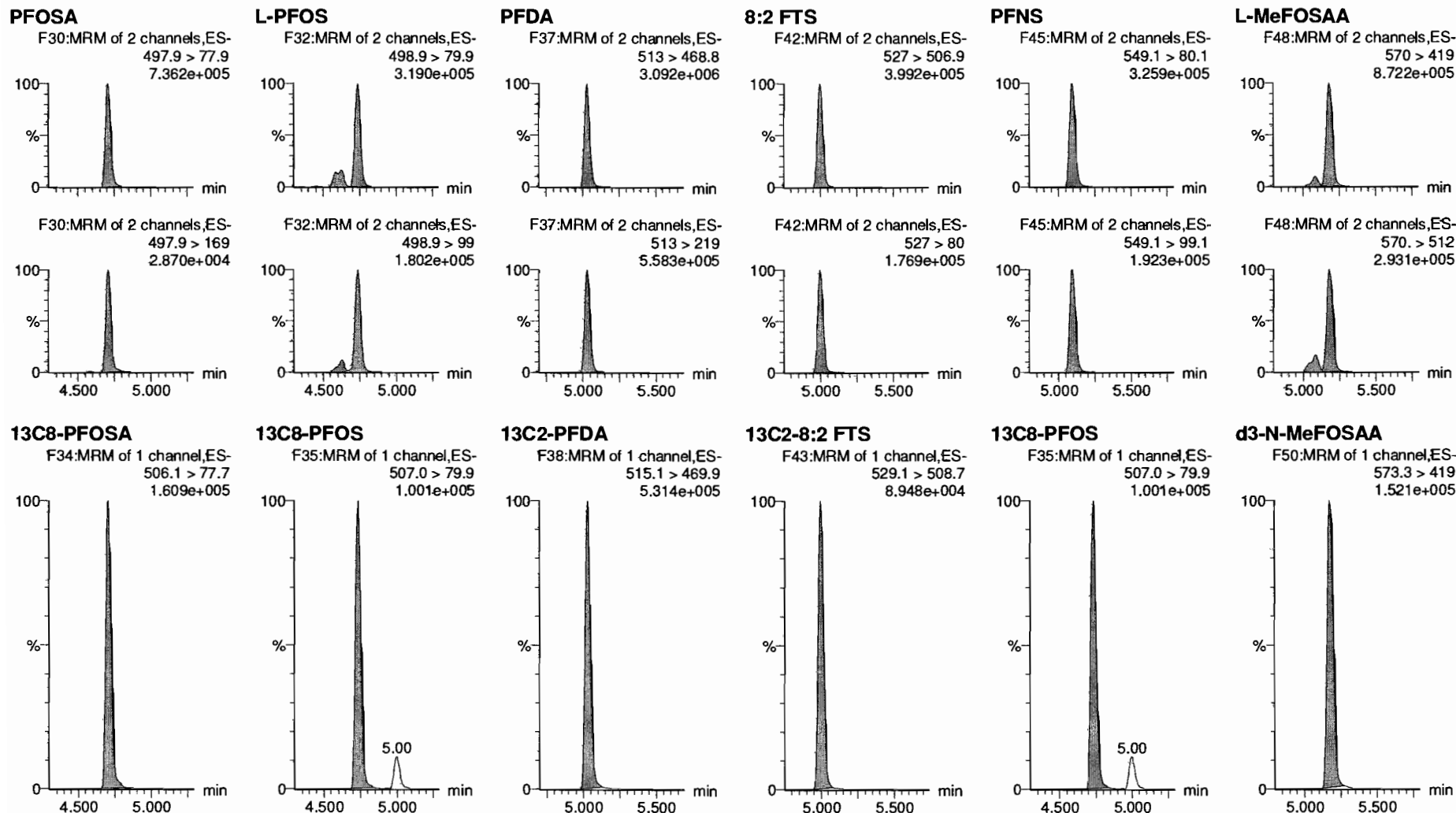
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Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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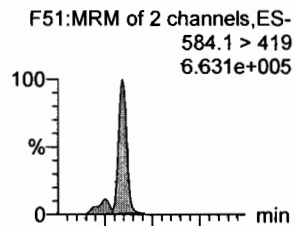
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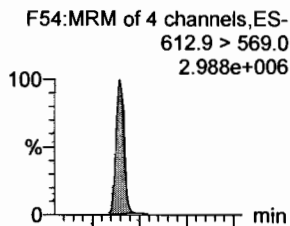
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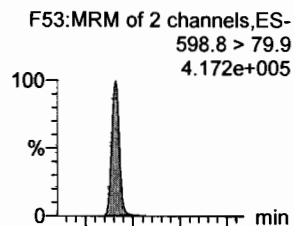
L-EtFOSAA



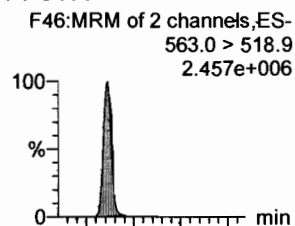
PFDoA



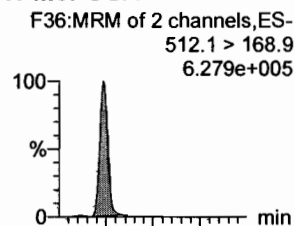
PFDS



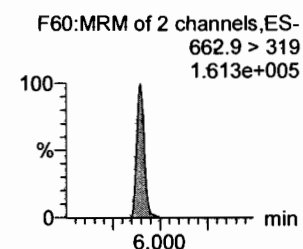
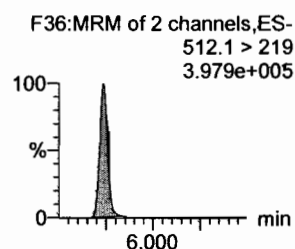
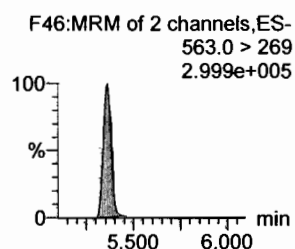
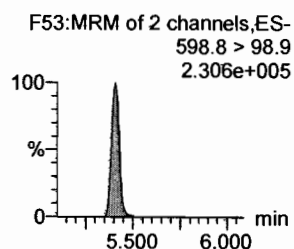
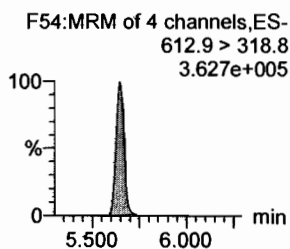
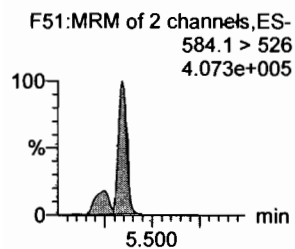
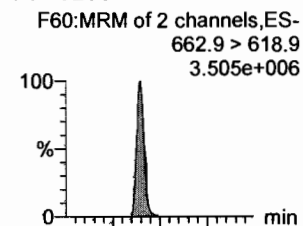
PFUdA



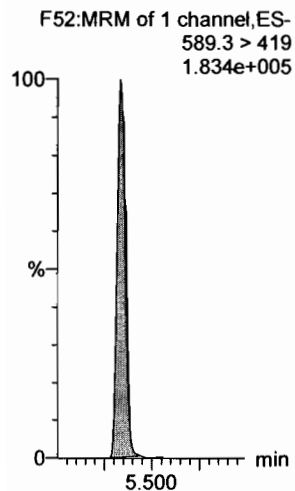
N-MeFOSA



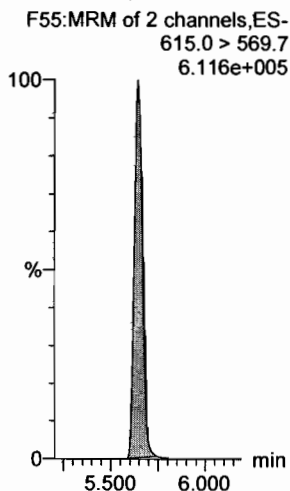
PFTrDA



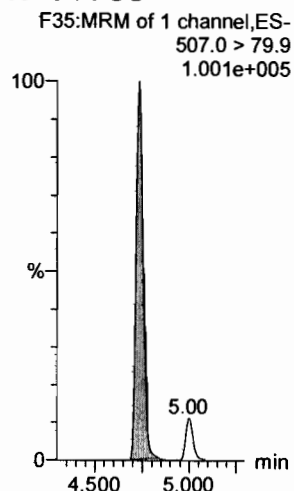
d5-N-EtFOSAA



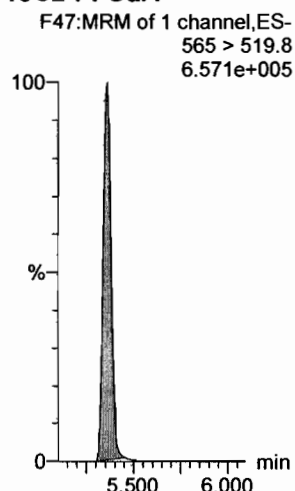
13C2-PFDoA



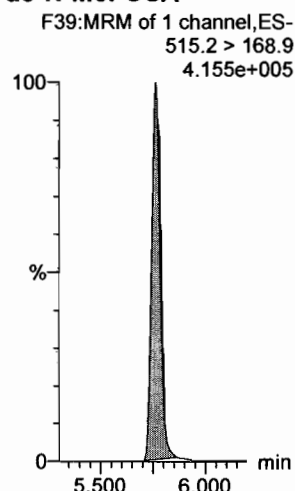
13C8-PFOS



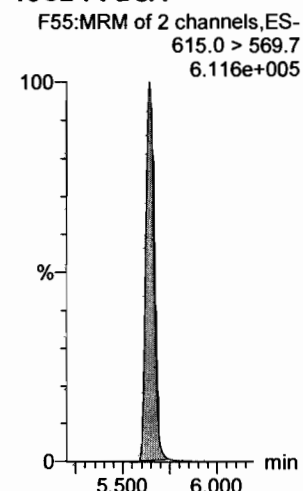
13C2-PFUdA



d3-N-MeFOSA



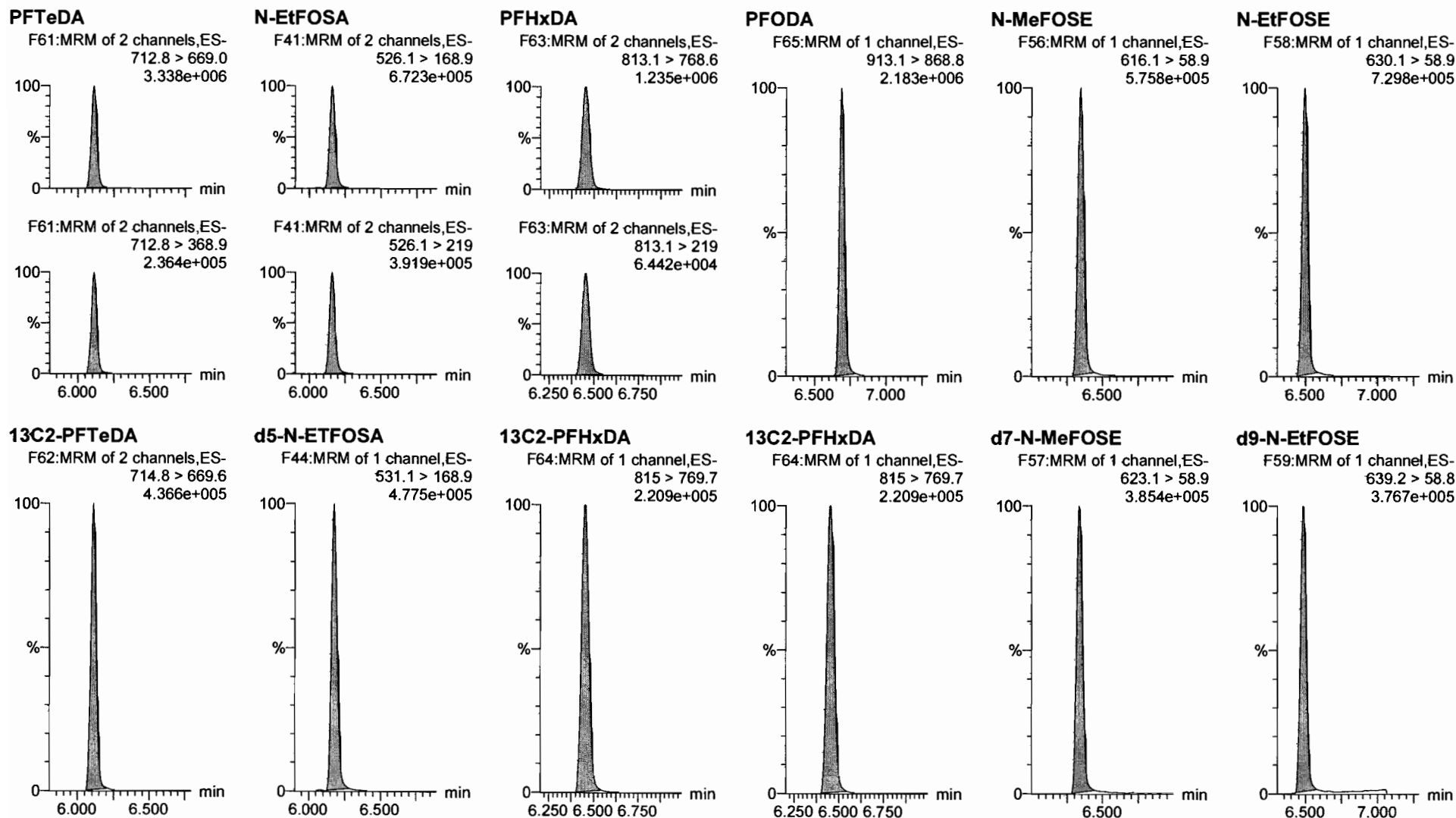
13C2-PFDoA



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_8, Date: 12-Sep-2018, Time: 14:58:45, ID: ST180912M1-7 PFC CS4 1810618, Description: PFC CS4 1810618



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

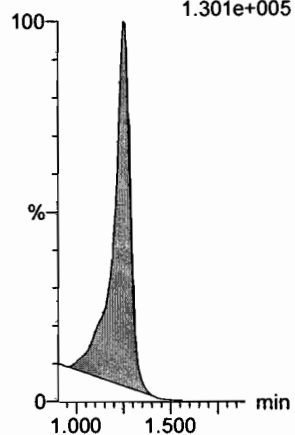
Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

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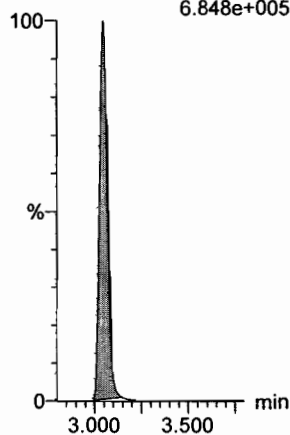
13C4-PFBA

F4:MRM of 1 channel,ES-
217 > 172
1.301e+005



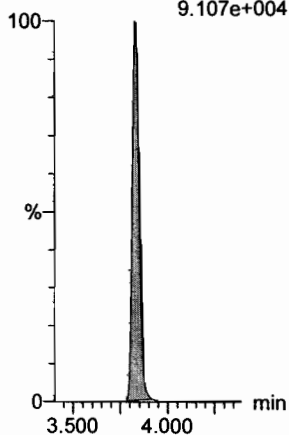
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
6.848e+005



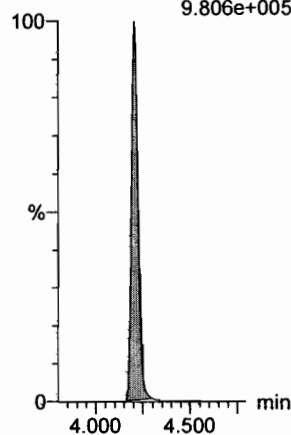
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
9.107e+004



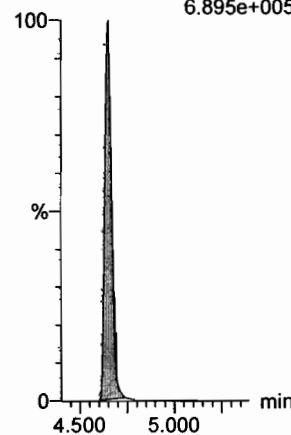
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
9.806e+005



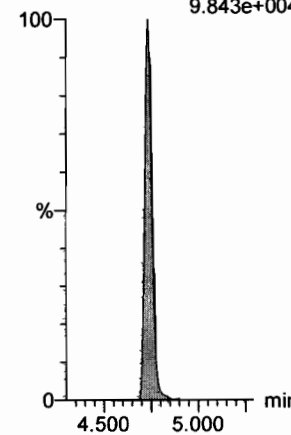
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.895e+005



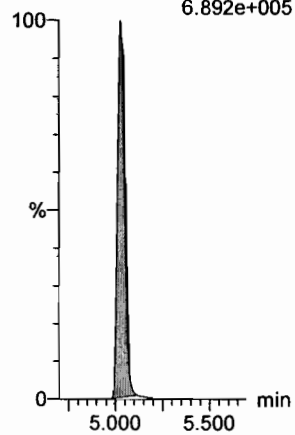
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
9.843e+004



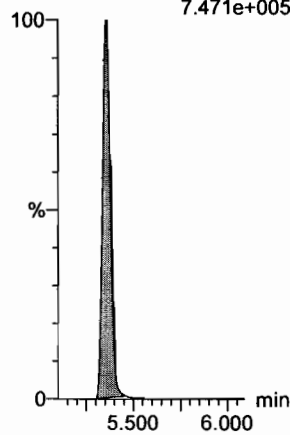
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
6.892e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.471e+005

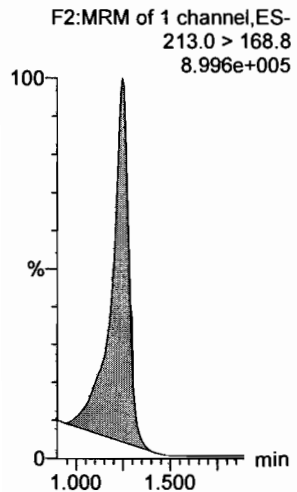


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

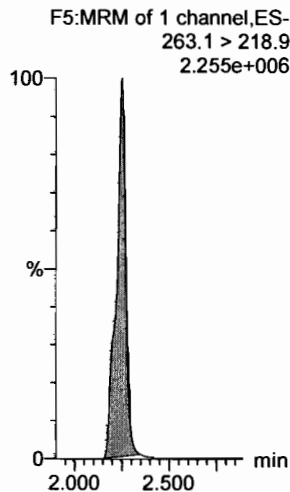
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Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_9, Date: 12-Sep-2018, Time: 15:09:18, ID: ST180912M1-8 PFC CS5 1810619, Description: PFC CS5 1810619

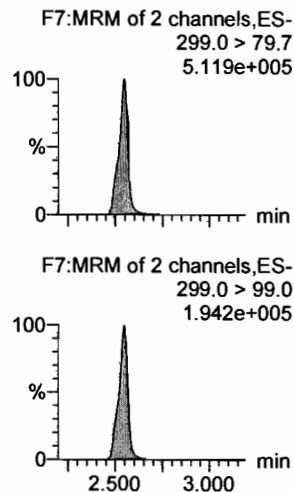
PFBA



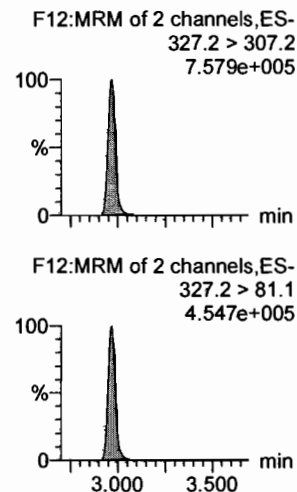
PFPeA



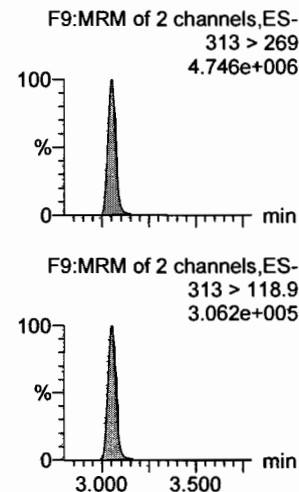
PFBS



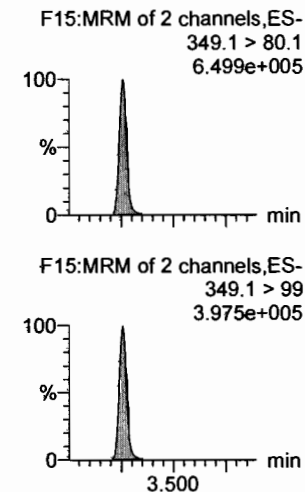
4:2 FTS



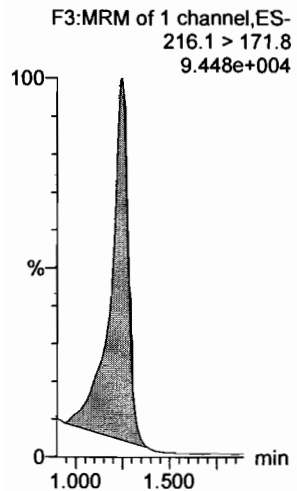
PFHxA



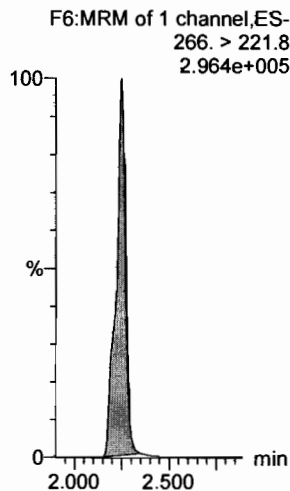
PFPeS



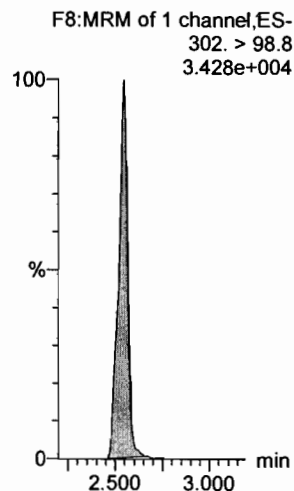
13C3-PFBA



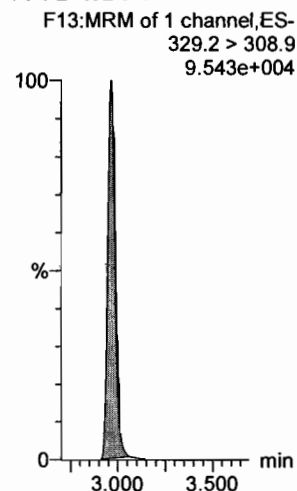
13C3-PFPeA



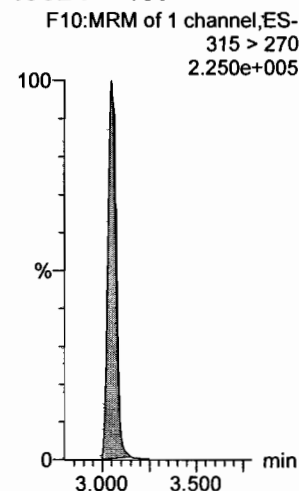
13C3-PFBS



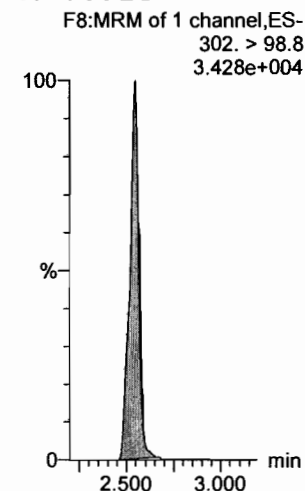
13C2-4:2 FTS



13C2-PFHxA



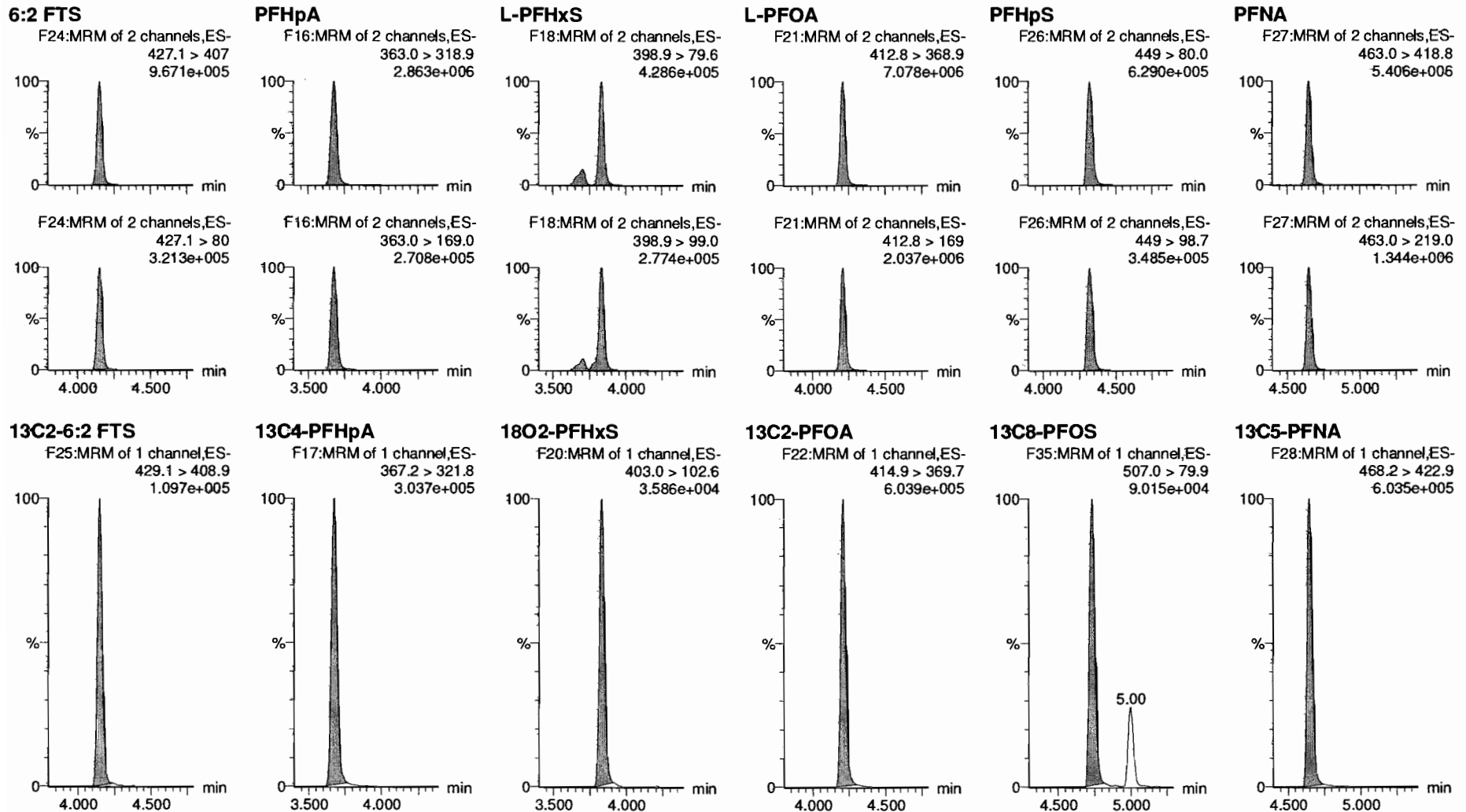
13C3-PFBS



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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Printed: Wednesday, September 12, 2018 16:29:43 Pacific Daylight Time

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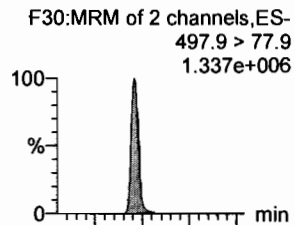


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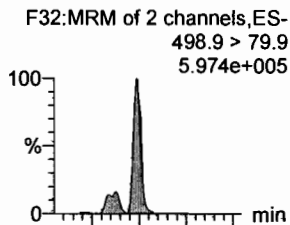
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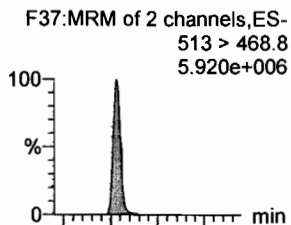
PFOSA



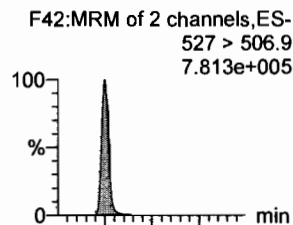
L-PFOS



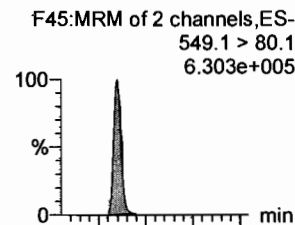
PFDA



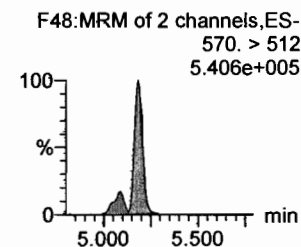
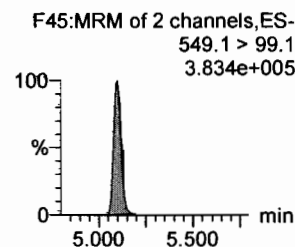
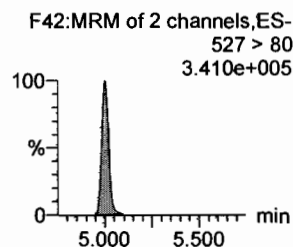
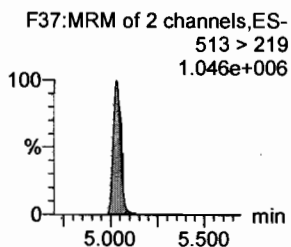
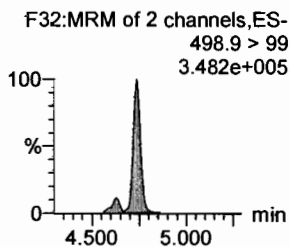
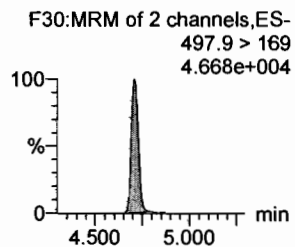
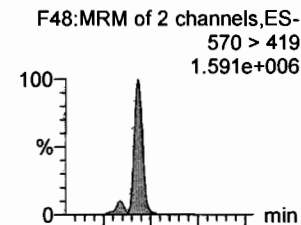
8:2 FTS



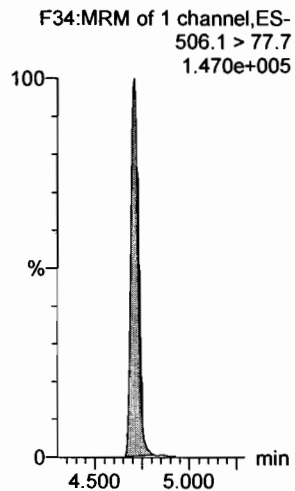
PFNS



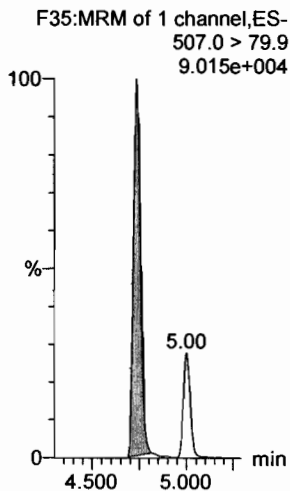
L-MeFOSAA



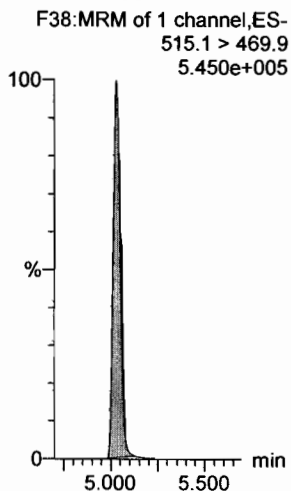
13C8-PFOA



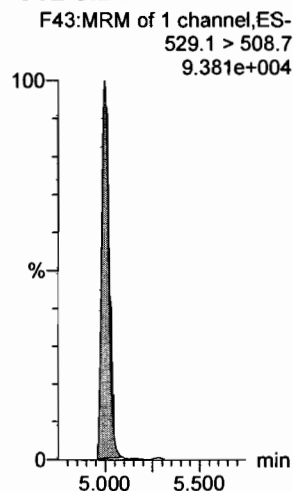
13C8-PFOS



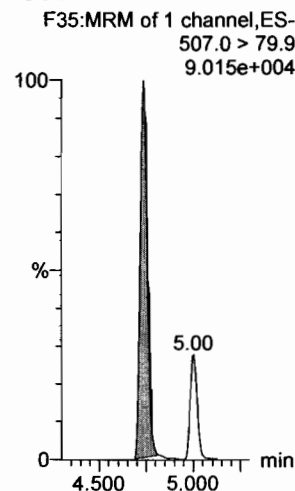
13C2-PFDA



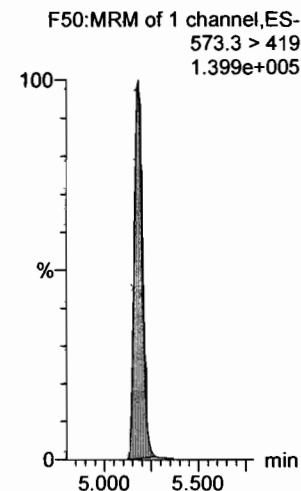
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

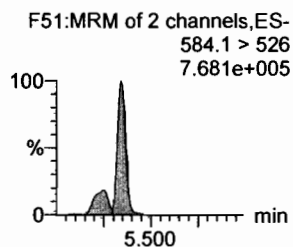
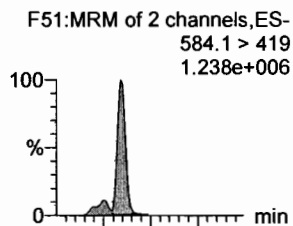


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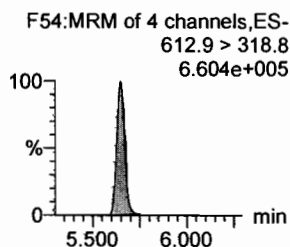
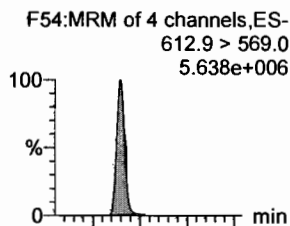
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Name: 180912M1_9, Date: 12-Sep-2018, Time: 15:09:18, ID: ST180912M1-8 PFC CS5 18I0619, Description: PFC CS5 18I0619

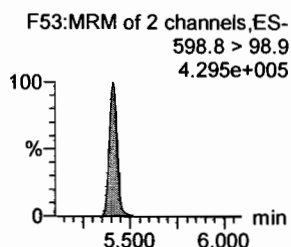
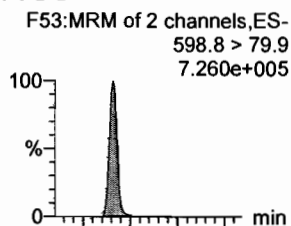
L-EtFOSAA



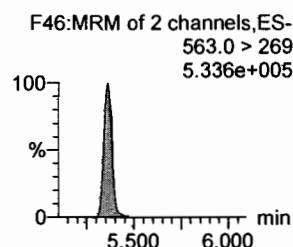
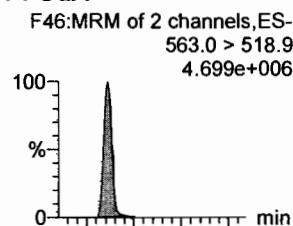
PFDoA



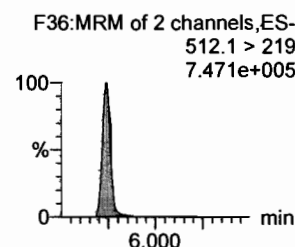
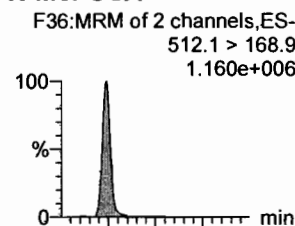
PFDS



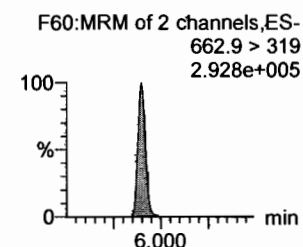
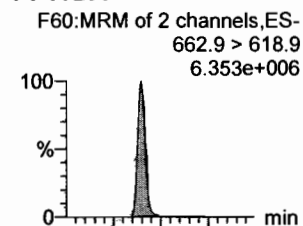
PFUdA



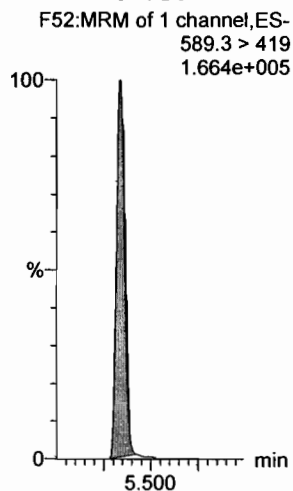
N-MeFOSA



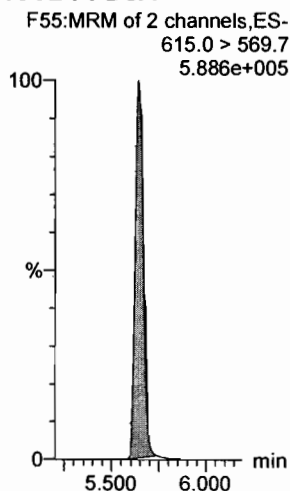
PFTrDA



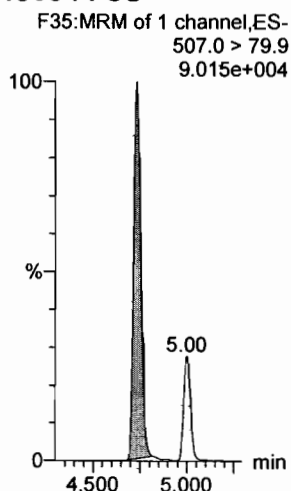
d5-N-EtFOSAA



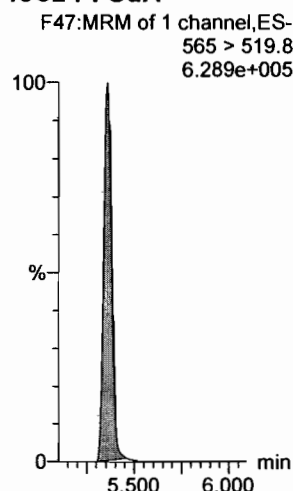
13C2-PFDoA



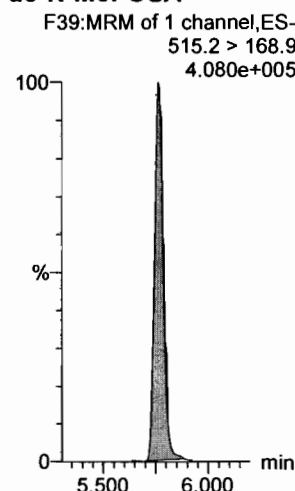
13C8-PFOS



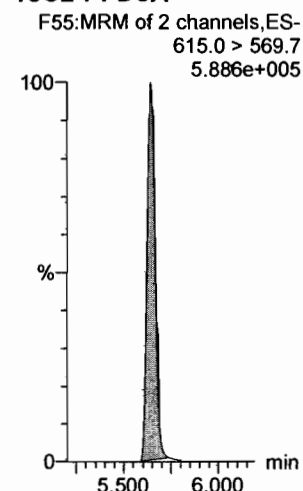
13C2-PFUdA



d3-N-MeFOSA



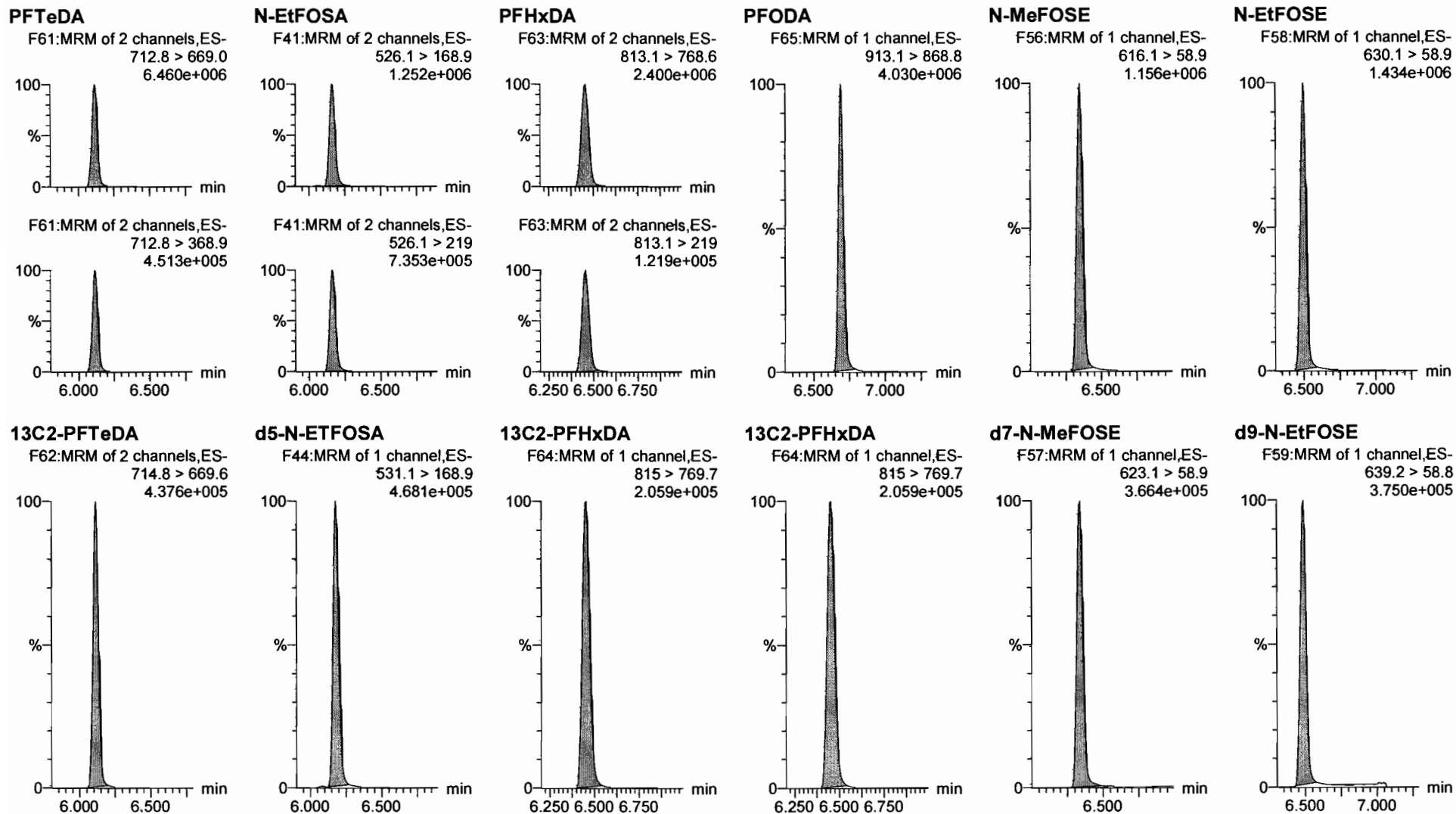
13C2-PFDoA



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Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_9, Date: 12-Sep-2018, Time: 15:09:18, ID: ST180912M1-8 PFC CS5 18I0619, Description: PFC CS5 18I0619

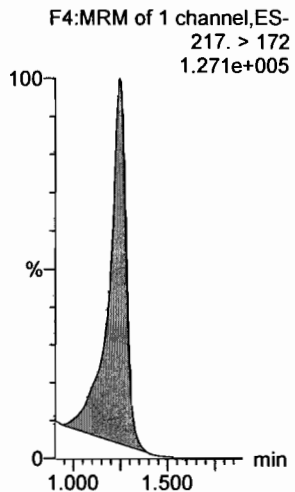


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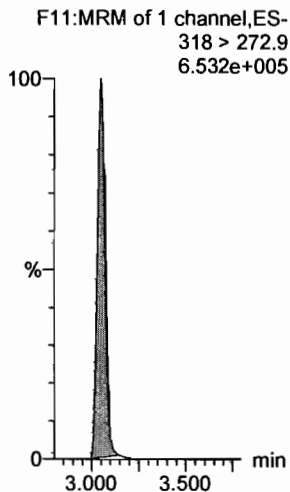
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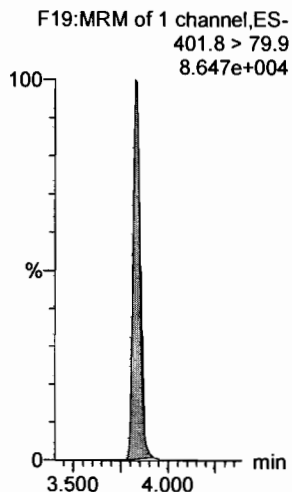
13C4-PFBA



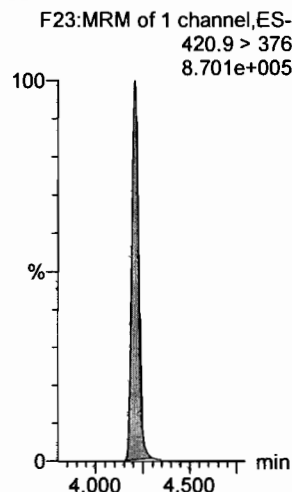
13C5-PFHxA



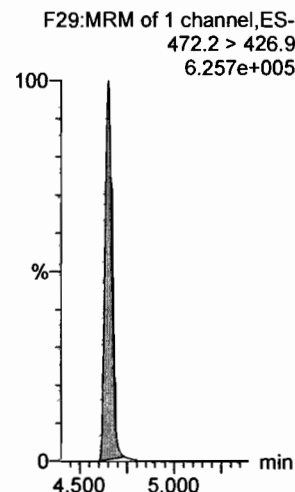
13C3-PFHxS



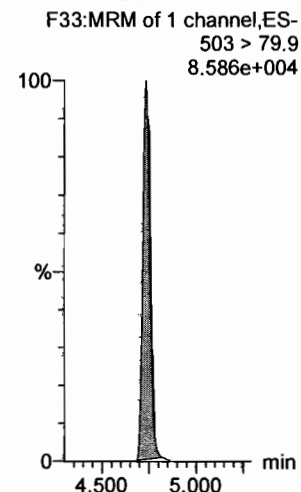
13C8-PFOA



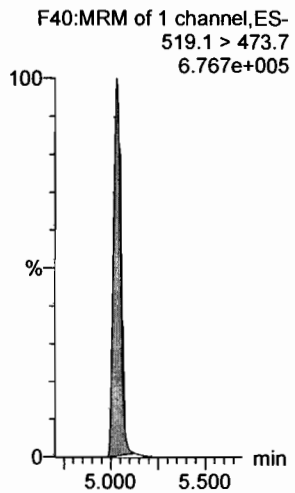
13C9-PFNA



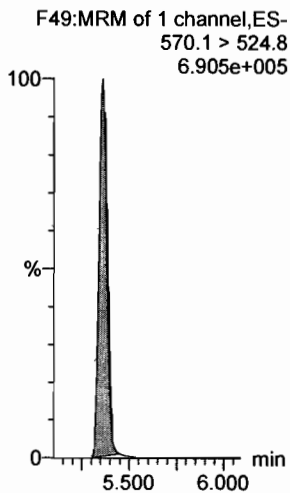
13C4-PFOS



13C6-PFDA



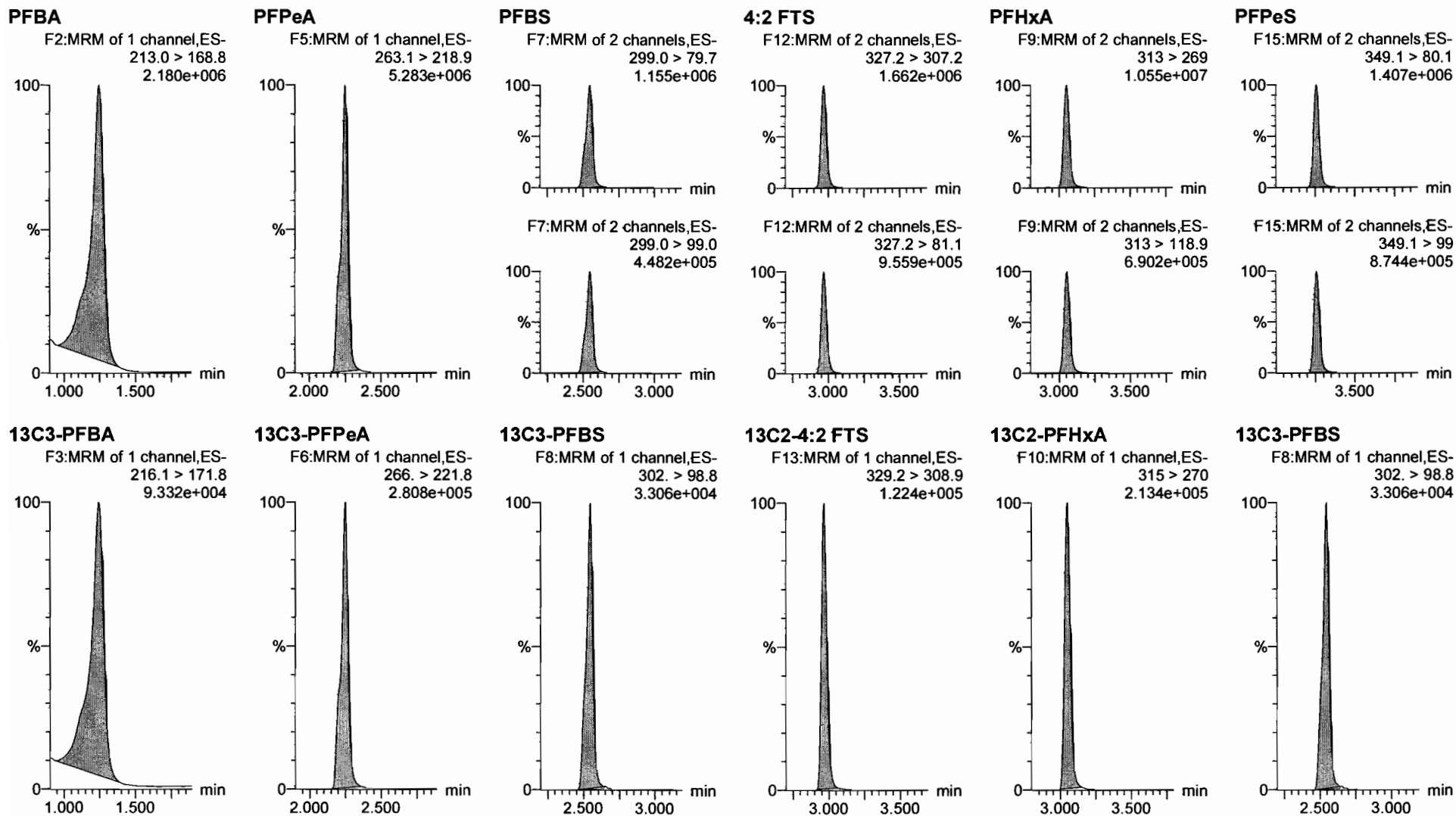
13C7-PFUdA



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Name: 180912M1_10, Date: 12-Sep-2018, Time: 15:19:48, ID: ST180912M1-9 PFC CS6 1810620, Description: PFC CS6 1810620



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

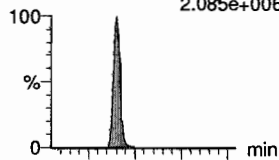
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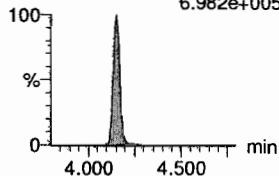
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6:2 FTS

F24:MRM of 2 channels,ES-
427.1 > 407
2.085e+006

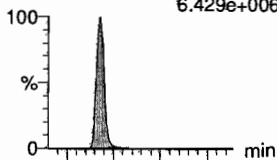


F24:MRM of 2 channels,ES-
427.1 > 80
6.982e+005

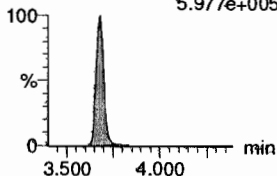


PFHpA

F16:MRM of 2 channels,ES-
363.0 > 318.9
6.429e+006

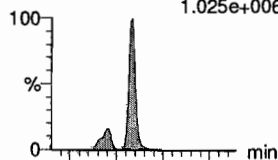


F16:MRM of 2 channels,ES-
363.0 > 169.0
5.977e+005

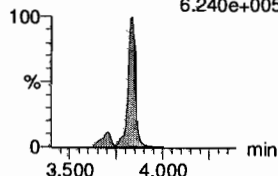


L-PFHxS

F18:MRM of 2 channels,ES-
398.9 > 79.6
1.025e+006

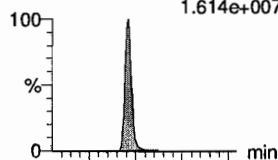


F18:MRM of 2 channels,ES-
398.9 > 99.0
6.240e+005

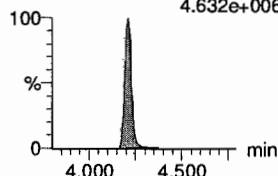


L-PFOA

F21:MRM of 2 channels,ES-
412.8 > 368.9
1.614e+007

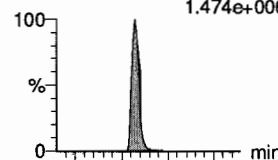


F21:MRM of 2 channels,ES-
412.8 > 169
4.632e+006

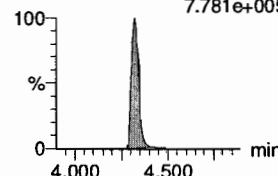


PFHpS

F26:MRM of 2 channels,ES-
449 > 80.0
1.474e+006

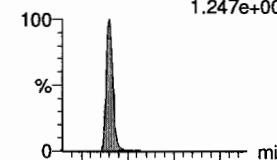


F26:MRM of 2 channels,ES-
449 > 98.7
7.781e+005

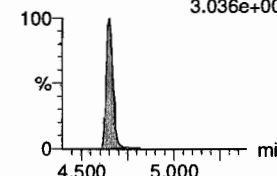


PFNA

F27:MRM of 2 channels,ES-
463.0 > 418.8
1.247e+007

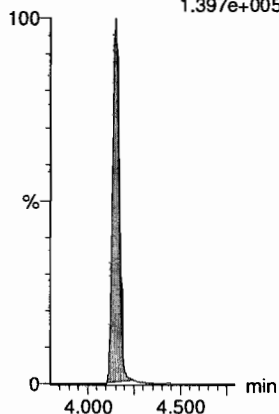


F27:MRM of 2 channels,ES-
463.0 > 219.0
3.036e+006



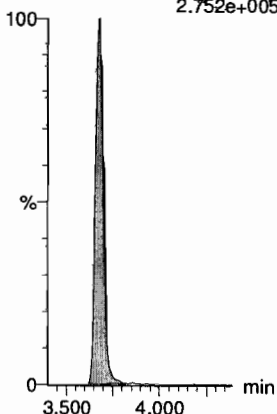
13C2-6:2 FTS

F25:MRM of 1 channel,ES-
429.1 > 408.9
1.397e+005



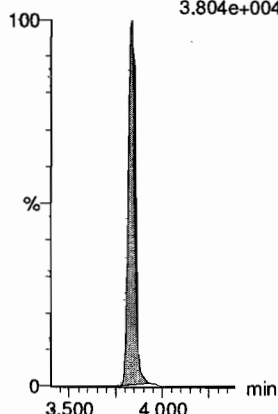
13C4-PFHpA

F17:MRM of 1 channel,ES-
367.2 > 321.8
2.752e+005



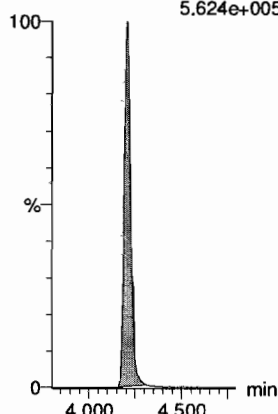
18O2-PFHxS

F20:MRM of 1 channel,ES-
403.0 > 102.6
3.804e+004



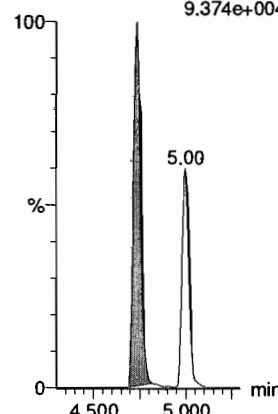
13C2-PFOA

F22:MRM of 1 channel,ES-
414.9 > 369.7
5.624e+005



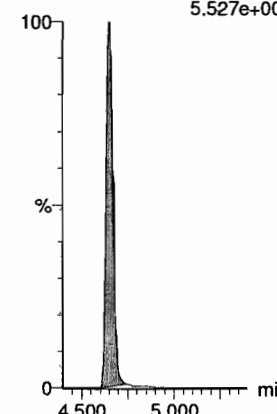
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
9.374e+004



13C5-PFNA

F28:MRM of 1 channel,ES-
468.2 > 422.9
5.527e+005

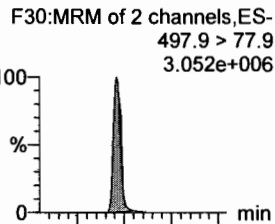


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

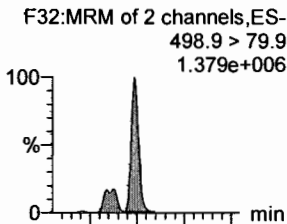
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Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_10, Date: 12-Sep-2018, Time: 15:19:48, ID: ST180912M1-9 PFC CS6 1810620, Description: PFC CS6 1810620

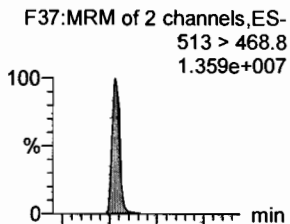
PFOSA



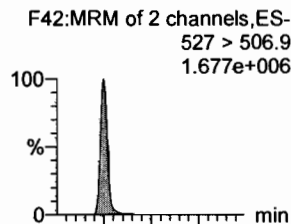
L-PFOS



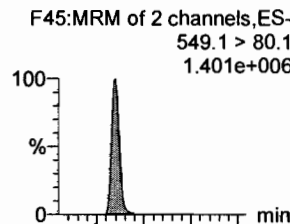
PFDA



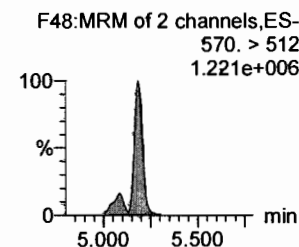
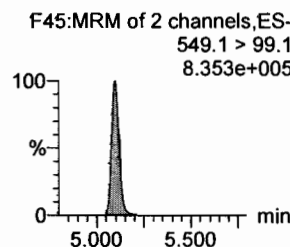
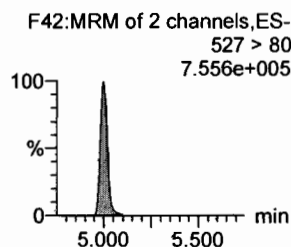
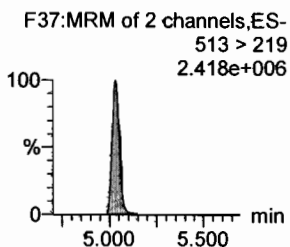
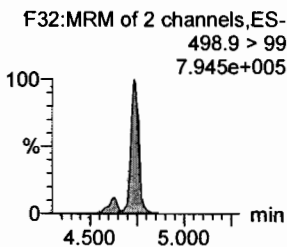
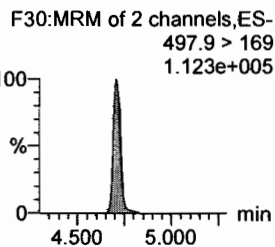
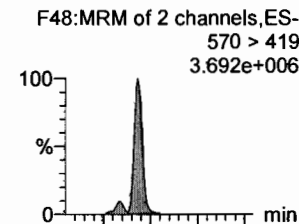
8:2 FTS



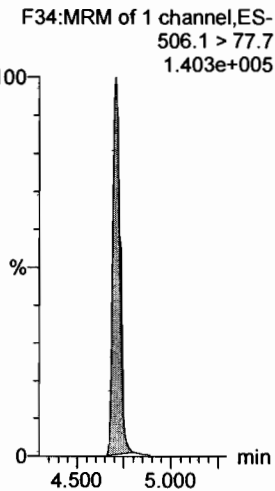
PFNS



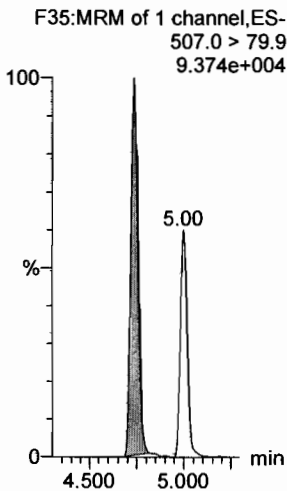
L-MeFOSAA



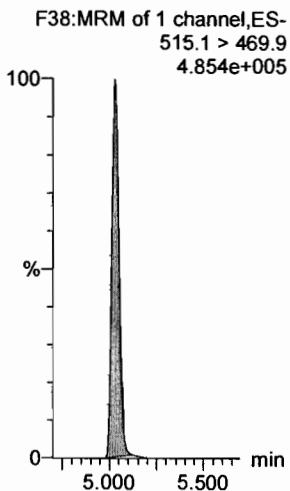
13C8-PFOSA



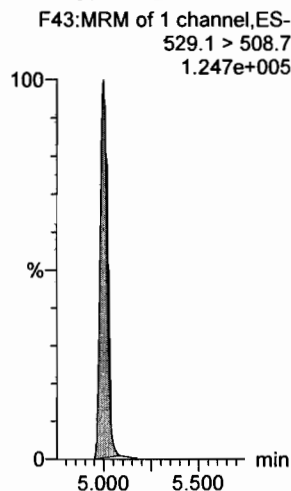
13C8-PFOS



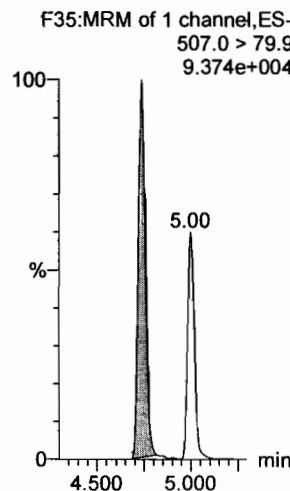
13C2-PFDA



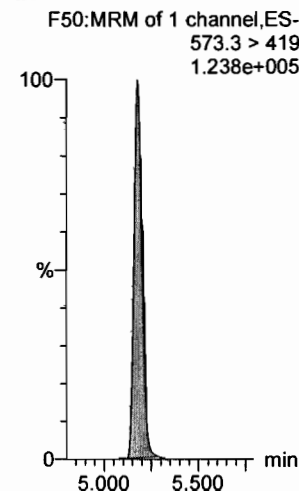
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

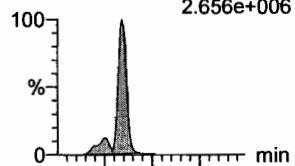
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Name: 180912M1_10, Date: 12-Sep-2018, Time: 15:19:48, ID: ST180912M1-9 PFC CS6 1810620, Description: PFC CS6 1810620

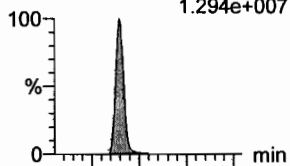
L-EtFOSAA

F51:MRM of 2 channels,ES-
584.1 > 419
2.656e+006



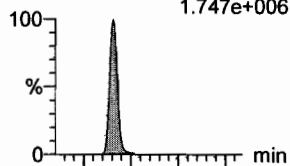
PFDoA

F54:MRM of 4 channels,ES-
612.9 > 569.0
1.294e+007



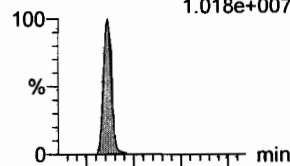
PFDS

F53:MRM of 2 channels,ES-
598.8 > 79.9
1.747e+006



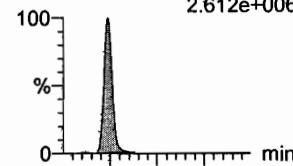
PFUdA

F46:MRM of 2 channels,ES-
563.0 > 518.9
1.018e+007



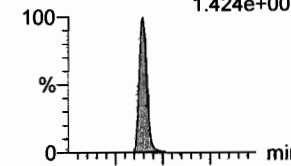
N-MeFOSA

F36:MRM of 2 channels,ES-
512.1 > 168.9
2.612e+006

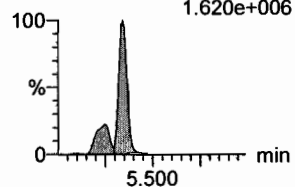


PFTrDA

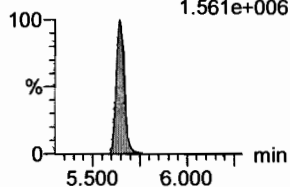
F60:MRM of 2 channels,ES-
662.9 > 618.9
1.424e+007



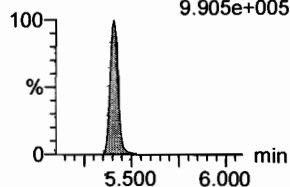
F51:MRM of 2 channels,ES-
584.1 > 526
1.620e+006



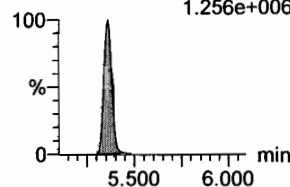
F54:MRM of 4 channels,ES-
612.9 > 318.8
1.561e+006



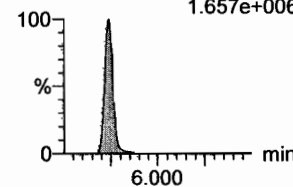
F53:MRM of 2 channels,ES-
598.8 > 98.9
9.905e+005



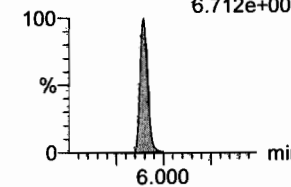
F46:MRM of 2 channels,ES-
563.0 > 269
1.256e+006



F36:MRM of 2 channels,ES-
512.1 > 219
1.657e+006

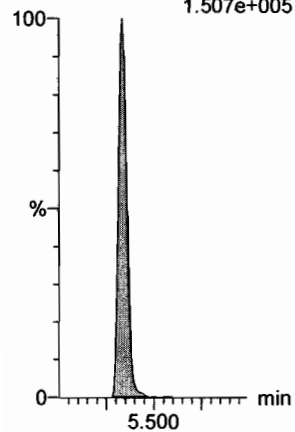


F60:MRM of 2 channels,ES-
662.9 > 319
6.712e+005



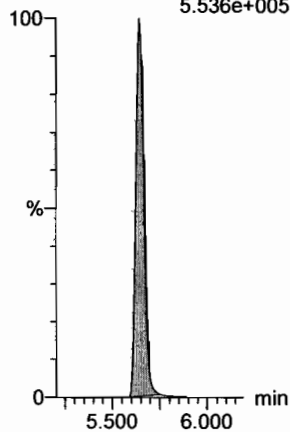
d3-N-EtFOSAA

F52:MRM of 1 channel,ES-
589.3 > 419
1.507e+005



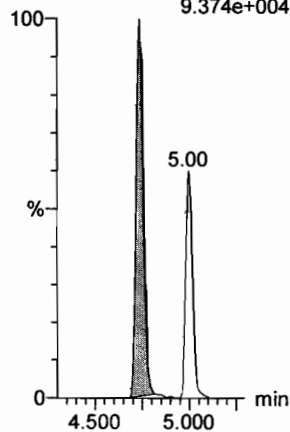
13C2-PFDoA

F55:MRM of 2 channels,ES-
615.0 > 569.7
5.536e+005



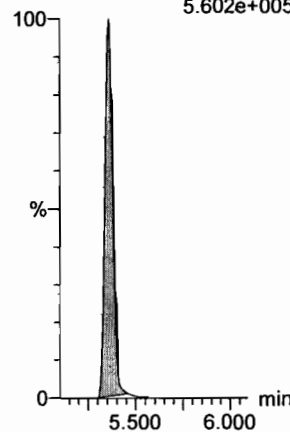
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
9.374e+004



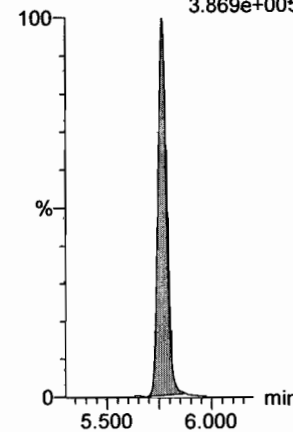
13C2-PFUdA

F47:MRM of 1 channel,ES-
565 > 519.8
5.602e+005



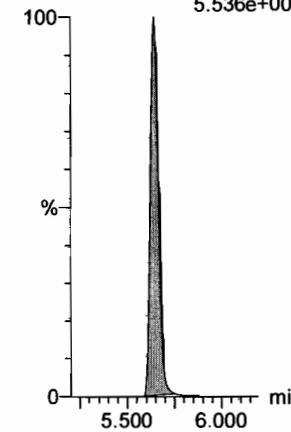
d3-N-MeFOSA

F39:MRM of 1 channel,ES-
515.2 > 168.9
3.869e+005



13C2-PFDoA

F55:MRM of 2 channels,ES-
615.0 > 569.7
5.536e+005

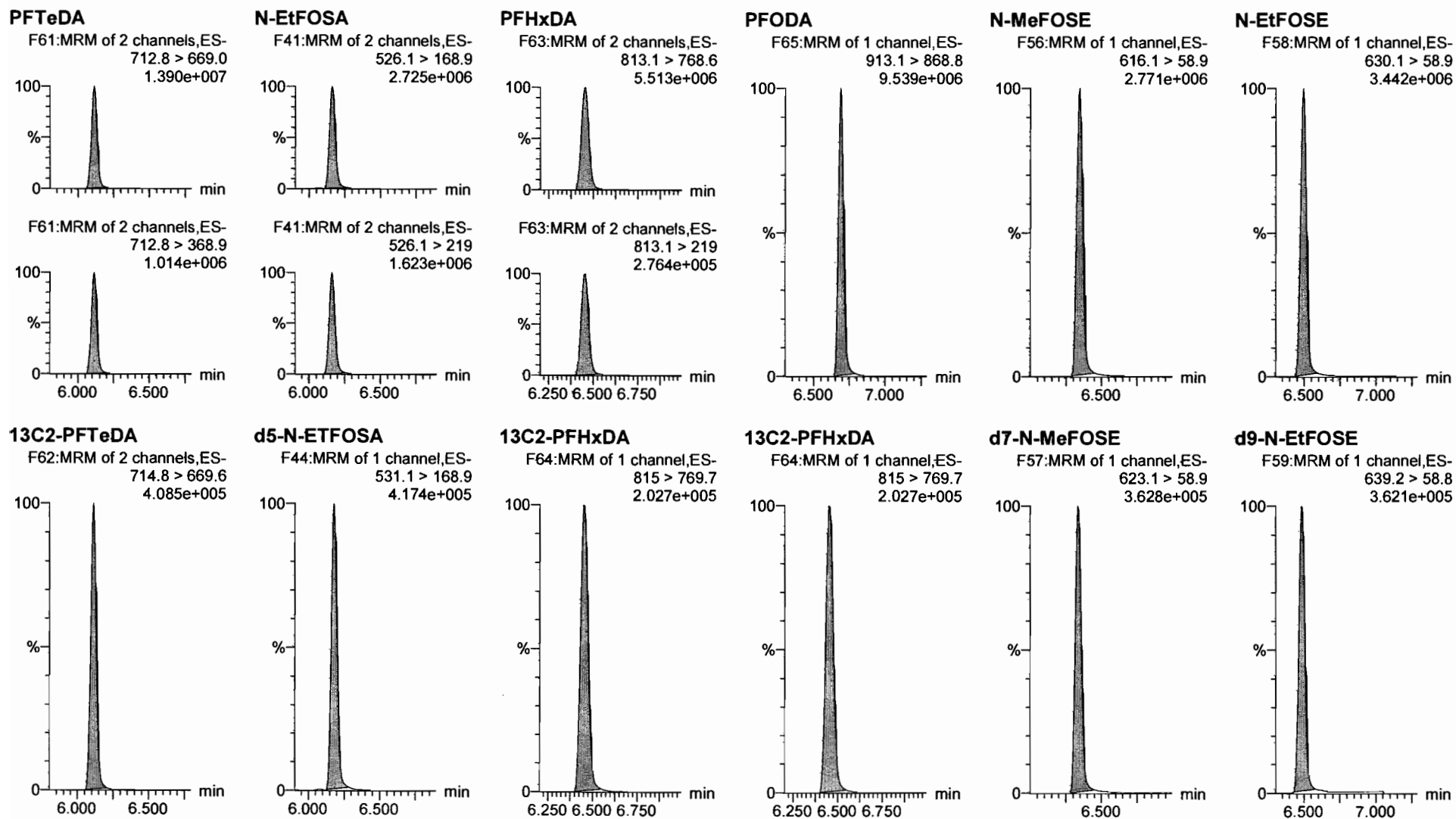


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_10, Date: 12-Sep-2018, Time: 15:19:48, ID: ST180912M1-9 PFC CS6 1810620, Description: PFC CS6 1810620

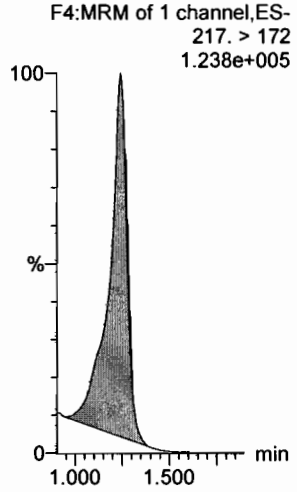


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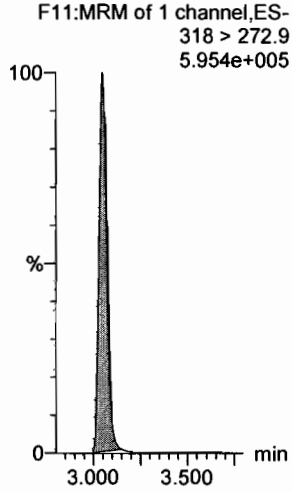
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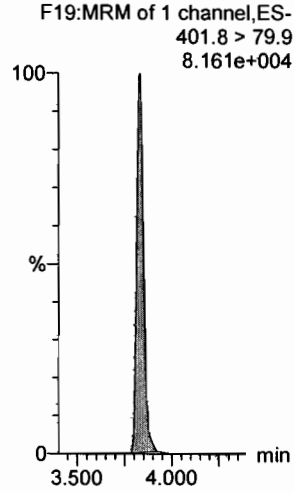
13C4-PFBA



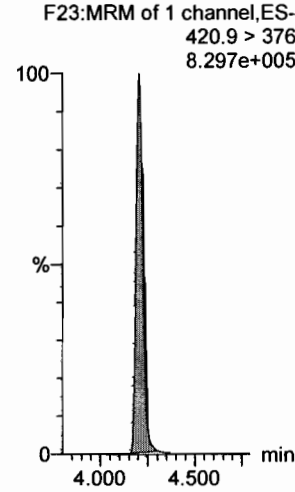
13C5-PFHxA



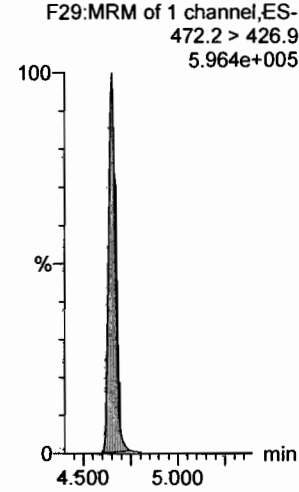
13C3-PFHxS



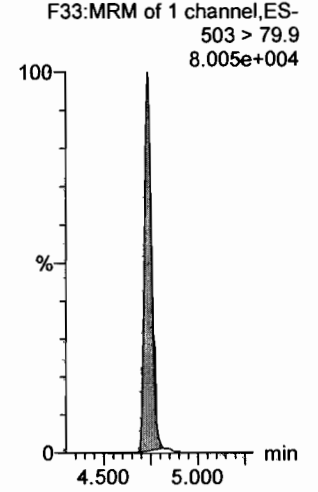
13C8-PFOA



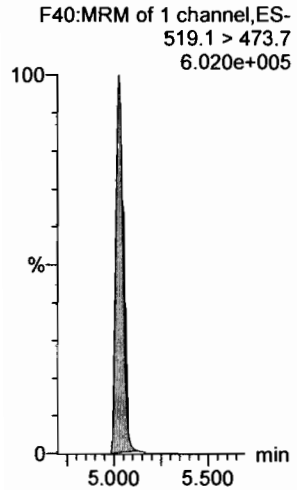
13C9-PFNA



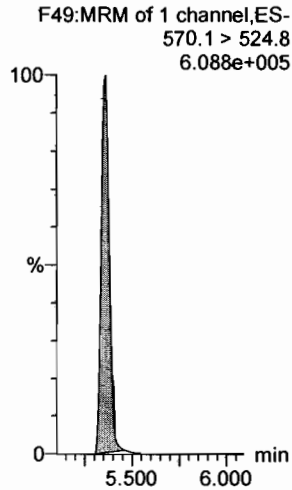
13C4-PFOS



13C6-PFDA



13C7-PFUdA



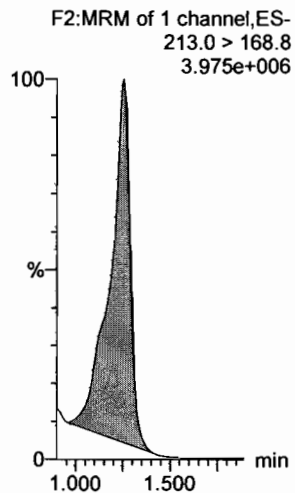
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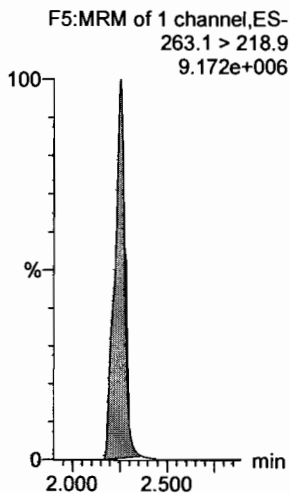
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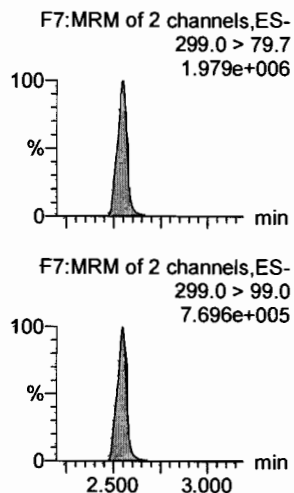
PFBA



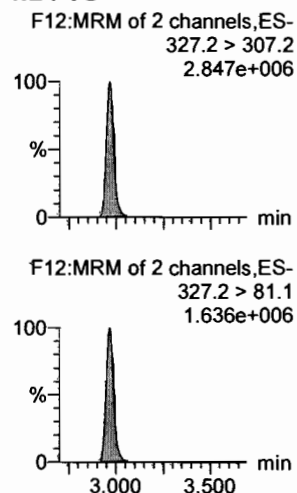
PFPeA



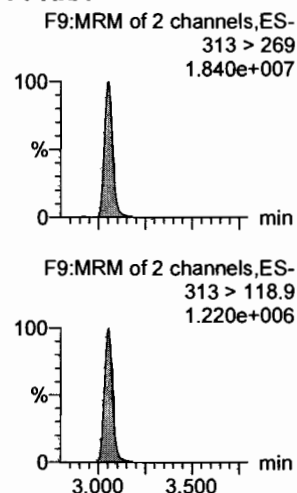
PFBS



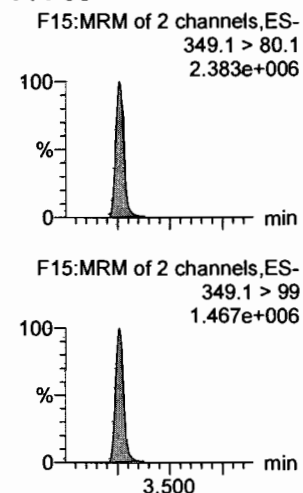
4:2 FTS



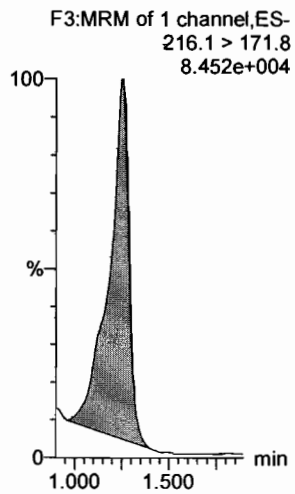
PFHxA



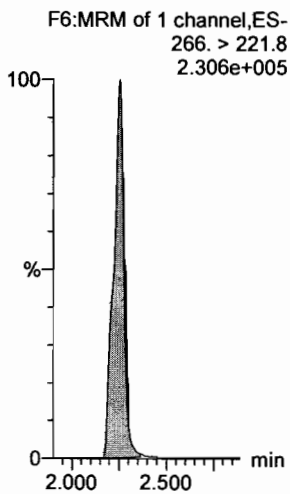
PFPeS



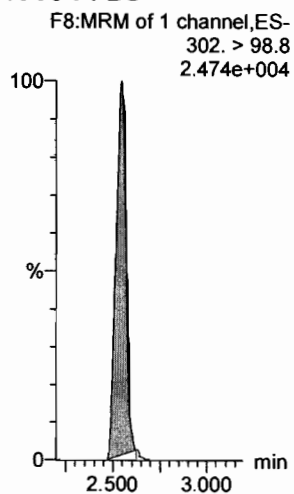
13C3-PFBA



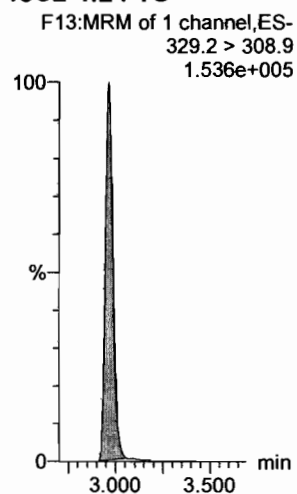
13C3-PFPeA



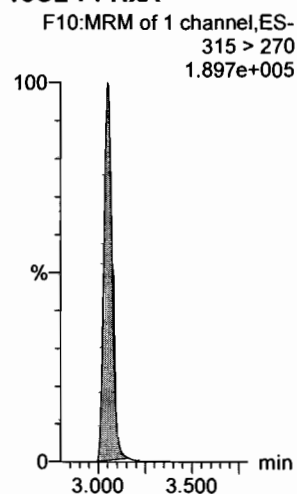
13C3-PFBS



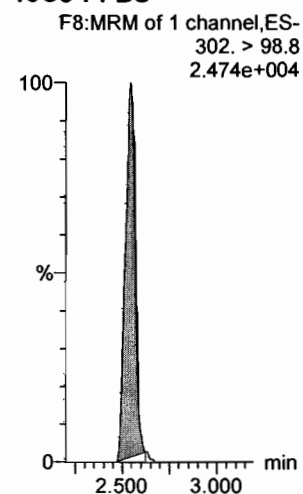
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



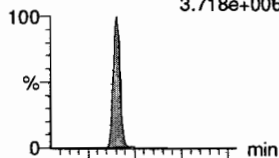
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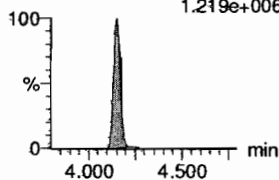
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6:2 FTS

F24:MRM of 2 channels,ES-
427.1 > 407
3.718e+006

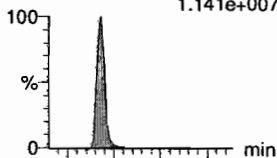


F24:MRM of 2 channels,ES-
427.1 > 80
1.219e+006

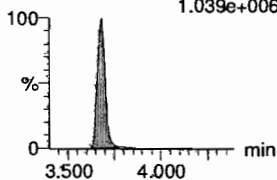


PFHpA

F16:MRM of 2 channels,ES-
363.0 > 318.9
1.141e+007

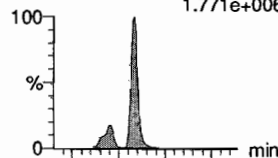


F16:MRM of 2 channels,ES-
363.0 > 169.0
1.039e+006

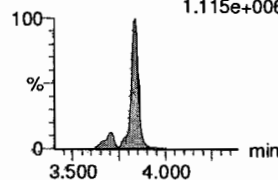


L-PFHxS

F18:MRM of 2 channels,ES-
398.9 > 79.6
1.771e+006



F18:MRM of 2 channels,ES-
398.9 > 99.0
1.115e+006

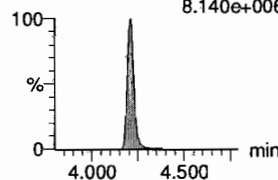


L-PFOA

F21:MRM of 2 channels,ES-
412.8 > 368.9
2.799e+007

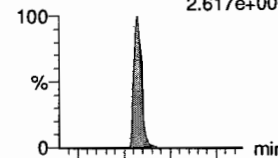


F21:MRM of 2 channels,ES-
412.8 > 169
8.140e+006

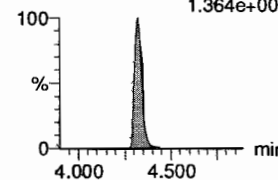


PFHpS

F26:MRM of 2 channels,ES-
449 > 80.0
2.617e+006

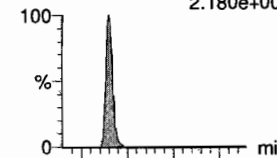


F26:MRM of 2 channels,ES-
449 > 98.7
1.364e+006

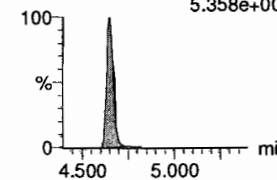


PFNA

F27:MRM of 2 channels,ES-
463.0 > 418.8
2.180e+007

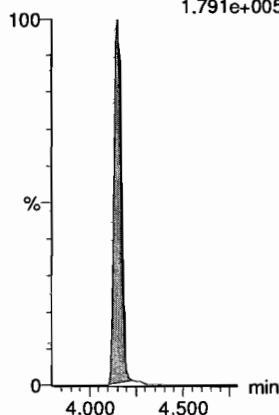


F27:MRM of 2 channels,ES-
463.0 > 219.0
5.358e+006



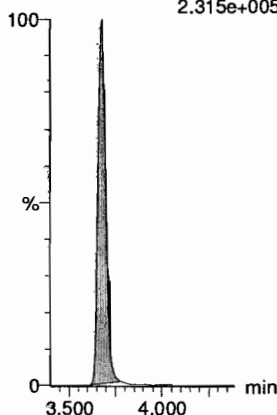
13C2-6:2 FTS

F25:MRM of 1 channel,ES-
429.1 > 408.9
1.791e+005



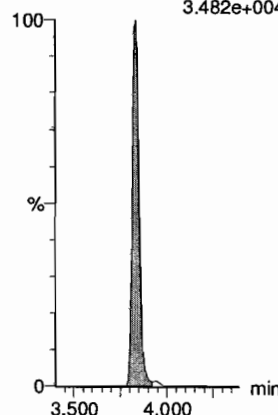
13C4-PFHpA

F17:MRM of 1 channel,ES-
367.2 > 321.8
2.315e+005



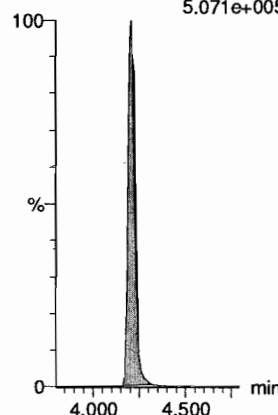
18O2-PFHxS

F20:MRM of 1 channel,ES-
403.0 > 102.6
3.482e+004



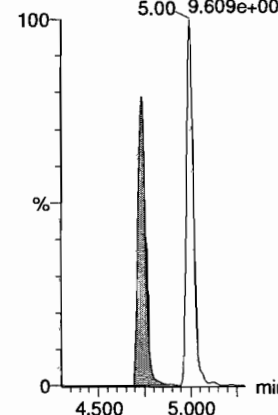
13C2-PFOA

F22:MRM of 1 channel,ES-
414.9 > 369.7
5.071e+005



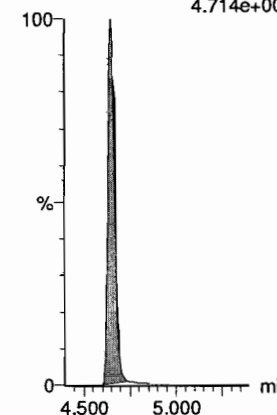
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
5.00_ 9.609e+004



13C5-PFNA

F28:MRM of 1 channel,ES-
468.2 > 422.9
4.714e+005



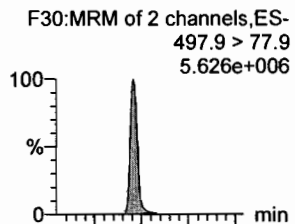
Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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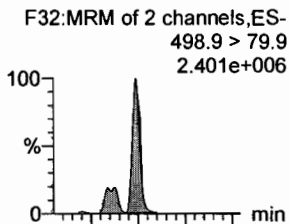
Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_11, Date: 12-Sep-2018, Time: 15:30:26, ID: ST180912M1-10 PFC CS7 18I0621, Description: PFC CS7 18HI0621

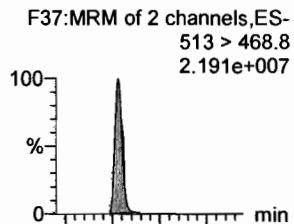
PFOSA



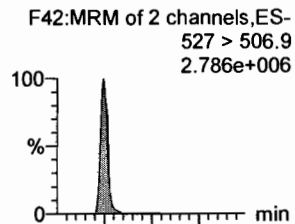
L-PFOS



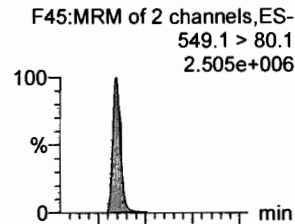
PFDA



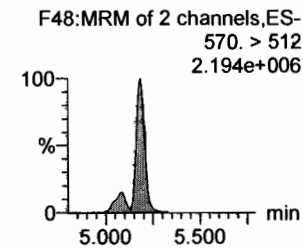
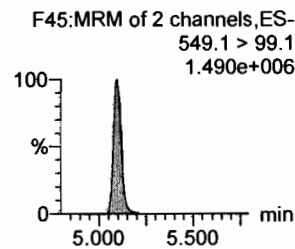
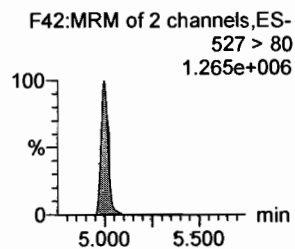
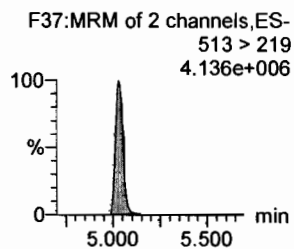
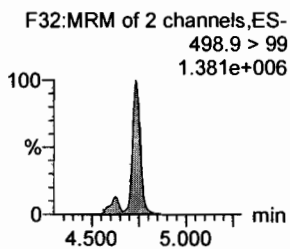
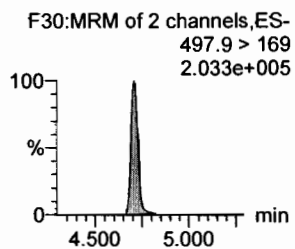
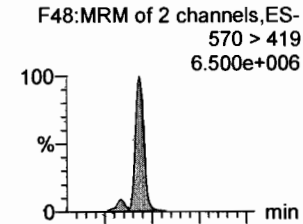
8:2 FTS



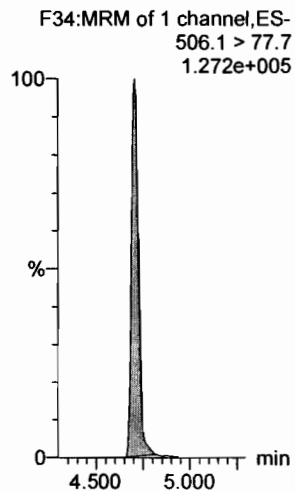
PFNS



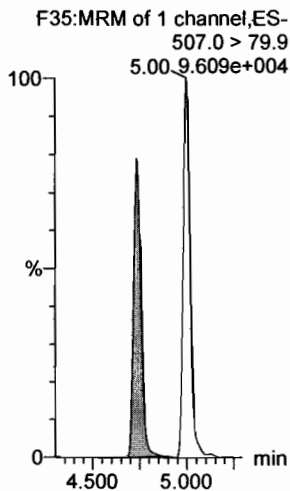
L-MeFOSAA



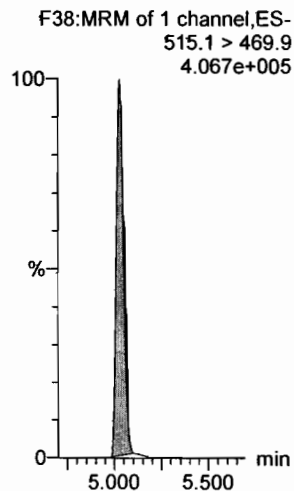
13C8-PFOA



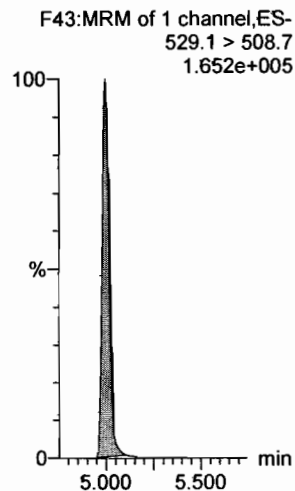
13C8-PFOS



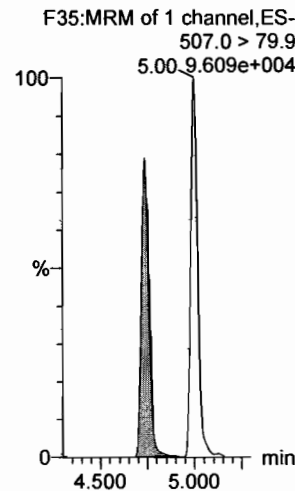
13C2-PFDA



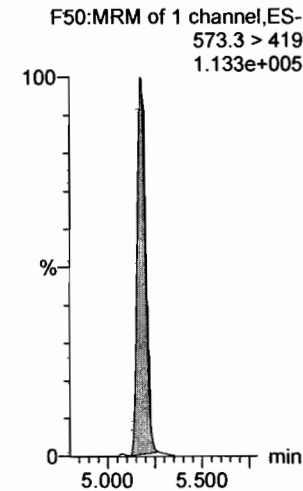
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

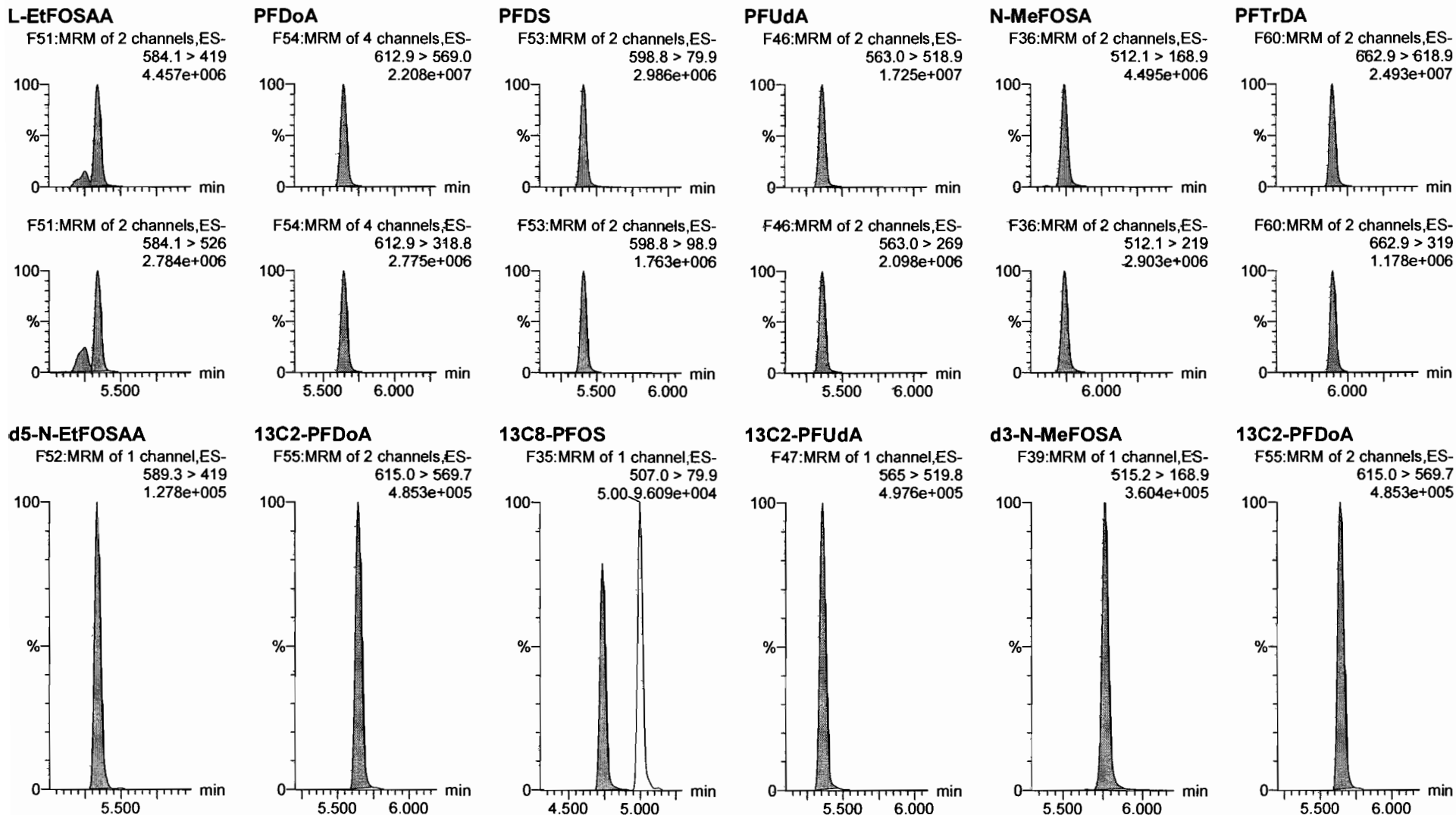


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

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Name: 180912M1_11, Date: 12-Sep-2018, Time: 15:30:26, ID: ST180912M1-10 PFC CS7 18I0621, Description: PFC CS7 18HI0621

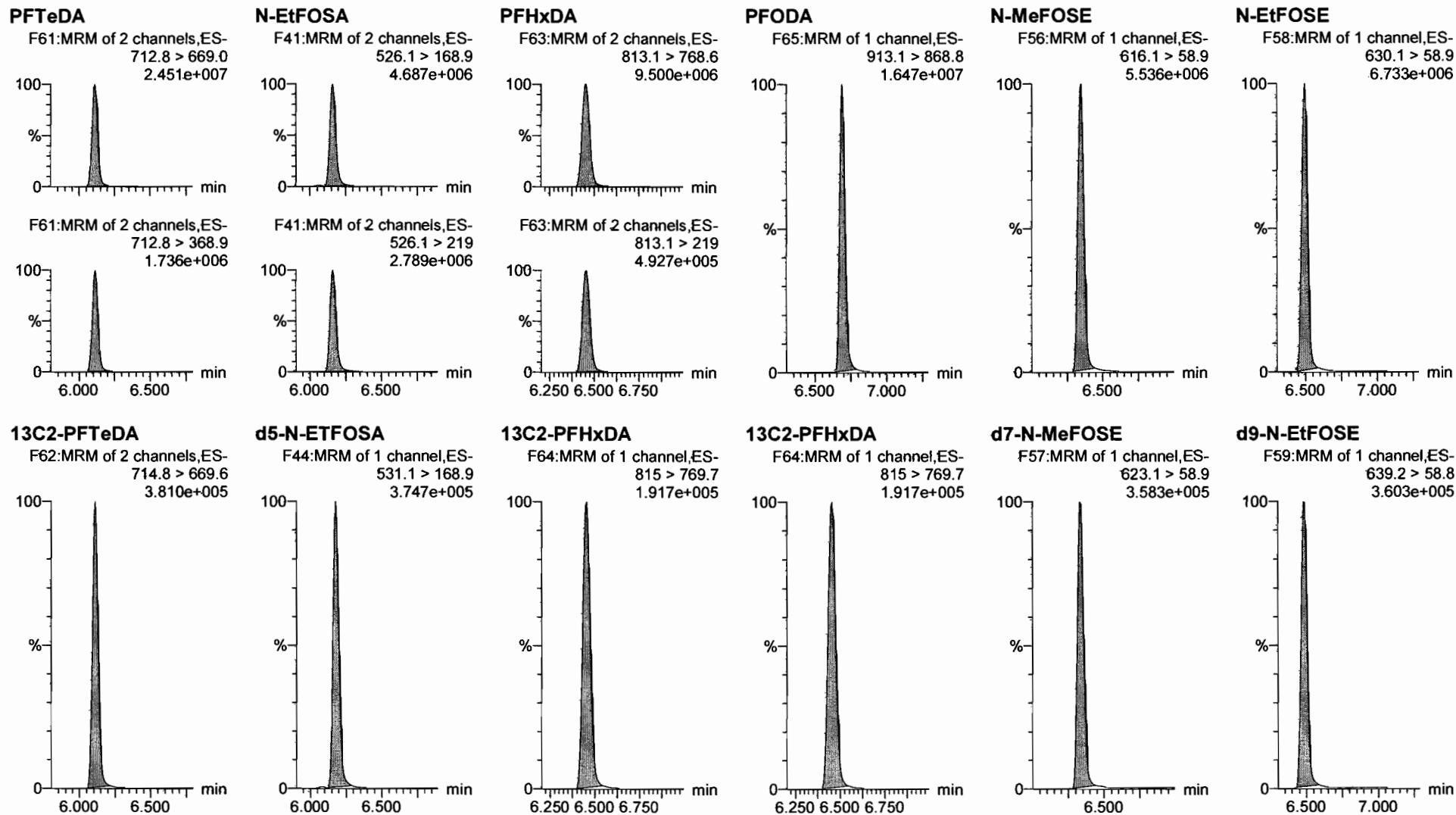


Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:19:05 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:20:01 Pacific Daylight Time

Name: 180912M1_11, Date: 12-Sep-2018, Time: 15:30:26, ID: ST180912M1-10 PFC CS7 18I0621, Description: PFC CS7 18HI0621



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-ICV.qld

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VAD 9/13/18

Name: 180912M1_13, Date: 12-Sep-2018, Time: 15:51:38, ID: ICV180912M1-1 PFC ICV 18I0622, Description: PFC ICV 18I0622

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	9190.493	9954.746	1.00	1.26	11.540	9.9	98.8	NO		
2	2 PFPeA	263.1 > 218.9	13381.960	17908.346	1.00	2.26	9.341	10.0	99.8	NO		
3	3 PFBS	299.0 > 79.7	2528.303	2053.969	1.00	2.55	15.387	8.7	86.9	NO	2.655	NO
4	4 4:2 FTS	327.2>307.2	3749.034	3701.907	1.00	2.96	12.659	10.1	100.8	NO	1.782	NO
5	5 PFHxA	313 > 269	23853.023	11323.462	1.00	3.05	10.533	10.1	101.1	NO	15.648	NO
6	6 PFPeS	349.1>80.1	2480.812	2053.969	1.00	3.26	15.098	9.0	89.8	NO	1.521	NO
7	36 13C3-PFBA	216.1 > 171.8	9954.746	12897.191	1.00	1.26	9.648	12.7	101.4	NO		
8	37 13C3-PFPeA	266. > 221.8	17908.346	32042.824	1.00	2.26	6.986	12.7	101.7	NO		
9	38 13C3-PFBS	302. > 98.8	2053.969	3818.065	1.00	2.55	6.725	12.6	100.7	NO		
10	39 13C2-4:2 FTS	329.2>308.9	3701.907	3818.065	1.00	2.96	12.120	12.0	95.7	NO		
11	40 13C2-PFHxA	315 > 270	11323.462	32042.824	1.00	3.05	4.417	5.0	99.9	NO		
12	38 13C3-PFBS	302. > 98.8	2053.969	3818.065	1.00	2.55	6.725	12.6	100.7	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	4150.813	3738.498	1.00	4.15	13.879	9.4	93.9	NO	3.045	NO
15	7 PFHpA	363.0 > 318.9	14361.481	15295.388	1.00	3.68	11.737	9.9	99.1	NO	11.114	NO
16	8 L-PFHxS	398.9 > 79.6	2061.159	1778.323	1.00	3.83	14.488	8.2	82.2	NO	1.623	NO
17	11 L-PFOA	412.8 > 368.9	30942.705	27335.248	1.00	4.21	14.150	9.5	95.2	NO	3.490	NO
18	13 PFHpS	449 > 80.0	2611.042	4384.968	1.00	4.32	7.443	8.8	87.8	NO	1.693	NO
19	14 PFNA	463.0 > 418.8	24418.619	28197.889	1.00	4.65	10.825	9.7	97.4	NO	4.148	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	3738.498	4058.853	1.00	4.15	11.513	12.0	96.1	NO		
21	41 13C4-PFHpA	367.2 > 321.8	15295.388	32042.824	1.00	3.68	5.967	12.8	102.5	NO		
22	42 18O2-PFHxS	403.0 > 102.6	1778.323	3818.065	1.00	3.83	5.822	12.3	98.6	NO		
23	44 13C2-PFOA	414.9 > 369.7	27335.248	38914.133	1.00	4.21	8.781	12.8	102.2	NO		
24	47 13C8-PFOS	507.0 > 79.9	4384.968	4058.853	1.00	4.74	13.504	12.8	102.2	NO		
25	45 13C5-PFNA	468.2 > 422.9	28197.889	29090.816	1.00	4.65	12.116	12.4	99.3	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	6134.614	7055.239	1.00	4.71	10.869	9.9	98.7	NO	28.380	NO
28	16 L-PFOS	498.9 > 79.9	3277.131	4384.968	1.00	4.74	9.342	9.0	90.3	NO	2.026	NO
29	18 PFDA	513 > 468.8	27347.965	24701.734	1.00	5.03	13.839	9.9	99.0	NO	5.297	NO
30	19 8:2 FTS	527 > 506.9	3491.172	3214.378	1.00	5.00	13.576	10.5	104.6	NO	2.167	NO
31	20 PFNS	549.1 > 80.1	2720.495	4384.968	1.00	5.10	7.755	9.2	92.5	NO	1.563	NO
32	21 L-MeFOSAA	570 > 419	10512.928	7295.767	1.00	5.18	18.012	10.9	109.4	NO	2.793	NO
33	46 13C8-PFOSA	506.1 > 77.7	7055.239	35529.605	1.00	4.71	2.482	12.6	100.4	NO		
34	47 13C8-PFOS	507.0 > 79.9	4384.968	4058.853	1.00	4.74	13.504	12.8	102.2	NO		

AM 9/12/18

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-ICV.qld

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(A) NAF M 1W

Name: 180912M1_13, Date: 12-Sep-2018, Time: 15:51:38, ID: ICV180912M1-1 PFC ICV 1810622, Description: PFC ICV 1810622

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	24701.734	31202.449	1.00	5.03	9.896	12.3	98.3	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	3214.378	4058.853	1.00	5.00	9.899	12.2	97.5	NO		
37	47 13C8-PFOS	507.0 > 79.9	4384.968	4058.853	1.00	4.74	13.504	12.8	102.2	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	7295.767	35529.605	1.00	5.18	2.567	12.3	98.7	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	8823.866	8753.448	1.00	5.34	12.601	12.0	119.7	NO	1.610	NO
41	27 PFDoA	612.9 > 569.0	29954.307	31306.727	1.00	5.64	11.960	9.8	98.1	NO	8.152	NO
42	26 PFDS	598.8 > 79.9	3491.953	4384.968	1.00	5.41	9.954	9.5	94.7	NO	1.766	NO
43	25 PFUdA	563.0 > 518.9	24527.369	32020.873	1.00	5.36	9.575	10.1	100.5	NO	8.415	NO
44	28 N-MeFOSA	512.1 > 168.9		19105.084	1.00					NO		
45	29 PFTrDA	662.9 > 618.9	31569.662	31306.727	1.00	5.90	12.605	9.8	98.0	NO	20.855	NO
46	52 d5-N-EtFOSAA	589.3 > 419	8753.448	35529.605	1.00	5.34	3.080	12.2	97.6	NO		
47	53 13C2-PFDoA	615.0 > 569.7	31306.727	31202.449	1.00	5.64	12.542	12.7	101.9	NO		
48	47 13C8-PFOS	507.0 > 79.9	4384.968	4058.853	1.00	4.74	13.504	12.8	102.2	NO		
49	51 13C2-PFUdA	565 > 519.8	32020.873	35529.605	1.00	5.36	11.266	12.2	97.4	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	19105.084	35529.605	1.00	5.76	6.722	145.3	96.9	NO		
51	53 13C2-PFDoA	615.0 > 569.7	31306.727	31202.449	1.00	5.64	12.542	12.7	101.9	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	29982.275	20972.727	1.00	6.11	17.870	9.5	94.9	NO	14.027	NO
54	31 N-EtFOSA	526.1 > 168.9		21343.914	1.00					NO		
55	32 PFHxDA	813.1 > 768.6		10360.105	1.00					NO		
56	33 PFODA	913.1 > 868.8		10360.105	1.00					NO		
57	34 N-MeFOSE	616.1 > 58.9		17773.945	1.00					NO		
58	35 N-EtFOSE	630.1 > 58.9		17668.408	1.00					NO		
59	55 13C2-PFTeDA	714.8 > 669.6	20972.727	35529.605	1.00	6.11	7.379	12.9	102.9	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	21343.914	35529.605	1.00	6.18	7.509	144.0	96.0	NO		
61	57 13C2-PFHxDA	815 > 769.7	10360.105	35529.605	1.00	6.45	3.645	4.8	95.5	NO		
62	57 13C2-PFHxDA	815 > 769.7	10360.105	35529.605	1.00	6.45	3.645	4.8	95.5	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	17773.945	35529.605	1.00	6.33	6.253	138.0	92.0	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	17668.408	35529.605	1.00	6.48	6.216	141.8	94.5	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	12897.191	12897.191	1.00	1.25	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	32042.824	32042.824	1.00	3.05	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	3818.065	3818.065	1.00	3.83	12.500	12.5	100.0	NO		

(A)
↓

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-ICV.qld

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Name: 180912M1_13, Date: 12-Sep-2018, Time: 15:51:38, ID: ICV180912M1-1 PFC ICV 18I0622, Description: PFC ICV 18I0622

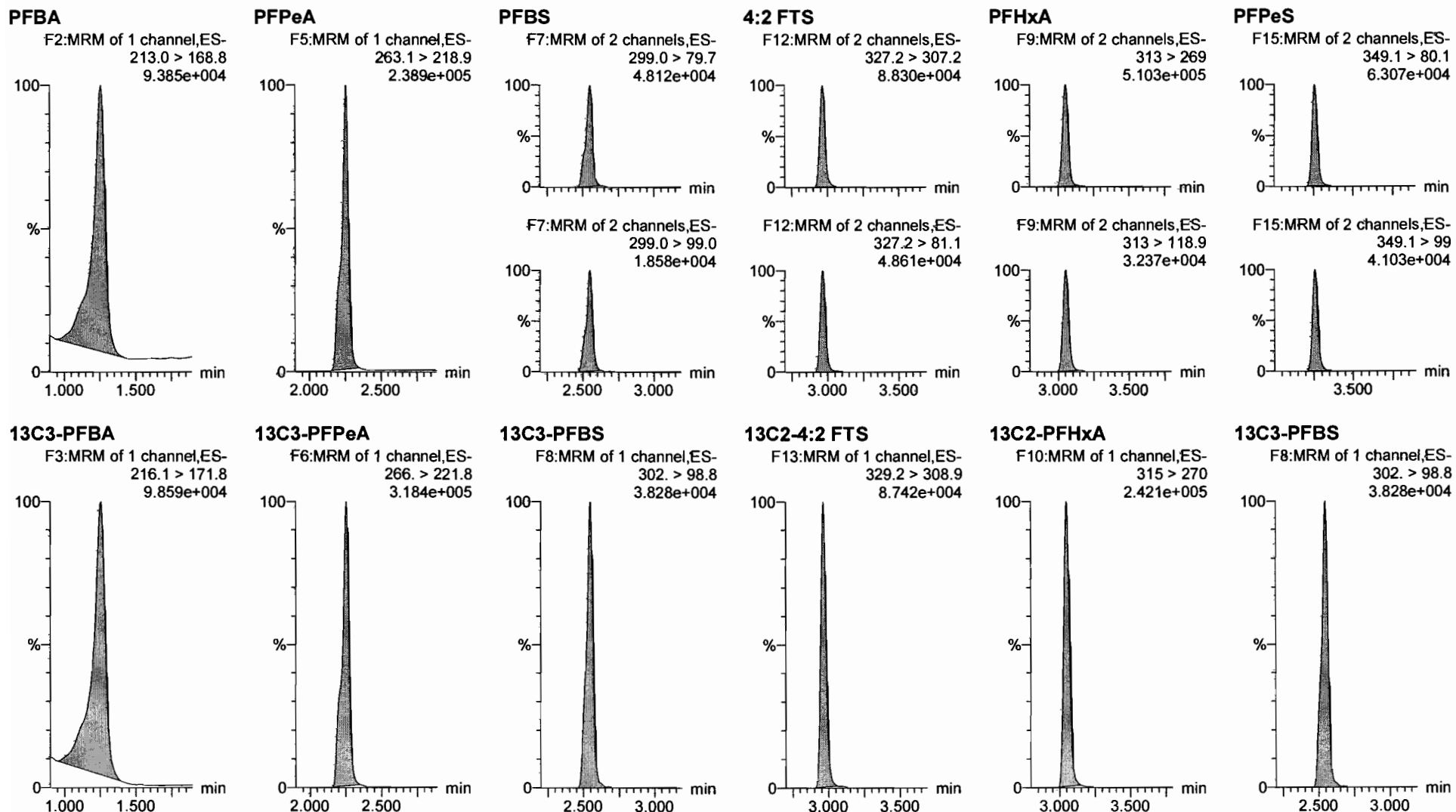
	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	38914.133	38914.133	1.00	4.21	12.500	12.5	100.0		NO	
70	64 13C9-PFNA	472.2 > 426.9	29090.816	29090.816	1.00	4.65	12.500	12.5	100.0		NO	
71	65 13C4-PFOS	503 > 79.9	4058.853	4058.853	1.00	4.74	12.500	12.5	100.0		NO	
72	66 13C6-PFDA	519.1 > 473.7	31202.449	31202.449	1.00	5.03	12.500	12.5	100.0		NO	
73	67 13C7-PFUdA	570.1 > 524.8	35529.605	35529.605	1.00	5.36	12.500	12.5	100.0		NO	

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-ICV.qld

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Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 12 Sep 2018 16:25:05
Calibration: Z:\Projects\PFAS.PRO\CurveDB\IC18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Name: 180912M1_13, Date: 12-Sep-2018, Time: 15:51:38, ID: ICV180912M1-1 PFC ICV 1810622, Description: PFC ICV 1810622



Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-ICV.qld

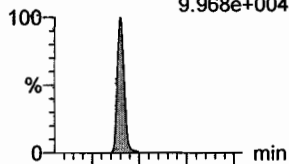
Last Altered: Wednesday, September 12, 2018 16:56:37 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:57:43 Pacific Daylight Time

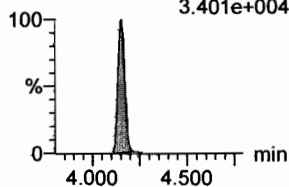
Name: 180912M1_13, Date: 12-Sep-2018, Time: 15:51:38, ID: ICV180912M1-1 PFC ICV 1810622, Description: PFC ICV 1810622

6:2 FTS

F24:MRM of 2 channels,ES-
427.1 > 407
9.968e+004

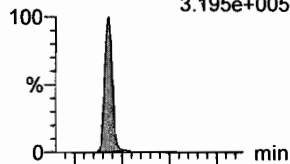


F24:MRM of 2 channels,ES-
427.1 > 80
3.401e+004

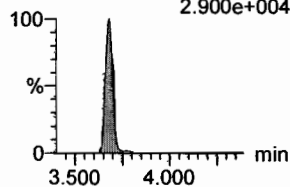


PFHpA

F16:MRM of 2 channels,ES-
363.0 > 318.9
3.195e+005

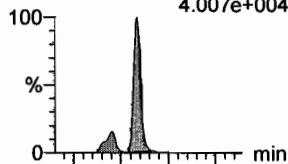


F16:MRM of 2 channels,ES-
363.0 > 169.0
2.900e+004

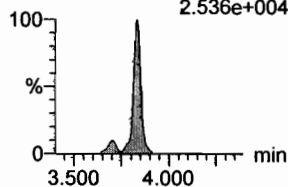


L-PFHxS

F18:MRM of 2 channels,ES-
398.9 > 79.6
4.007e+004

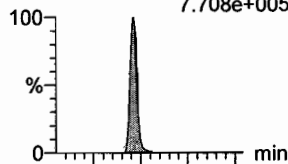


F18:MRM of 2 channels,ES-
398.9 > 99.0
2.536e+004

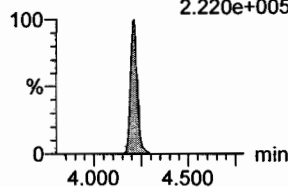


L-PFOA

F21:MRM of 2 channels,ES-
412.8 > 368.9
7.708e+005

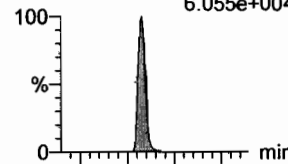


F21:MRM of 2 channels,ES-
412.8 > 169
2.220e+005

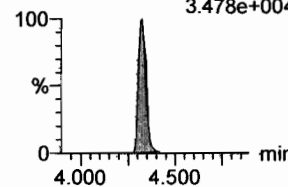


PFHpS

F26:MRM of 2 channels,ES-
449 > 80.0
6.055e+004

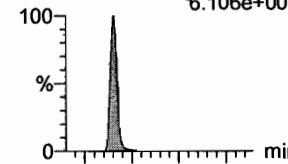


F26:MRM of 2 channels,ES-
449 > 98.7
3.478e+004

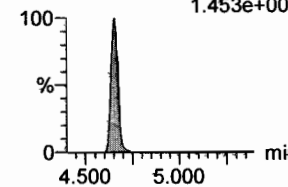


PFNA

F27:MRM of 2 channels,ES-
463.0 > 418.8
6.106e+005

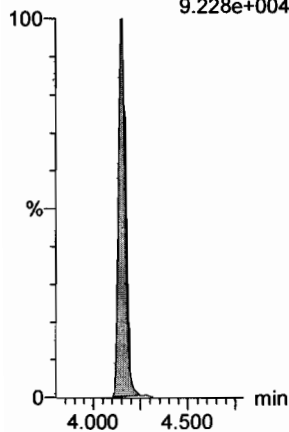


F27:MRM of 2 channels,ES-
463.0 > 219.0
1.453e+005



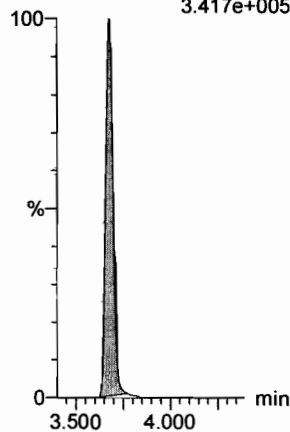
13C2-6:2 FTS

F25:MRM of 1 channel,ES-
429.1 > 408.9
9.228e+004



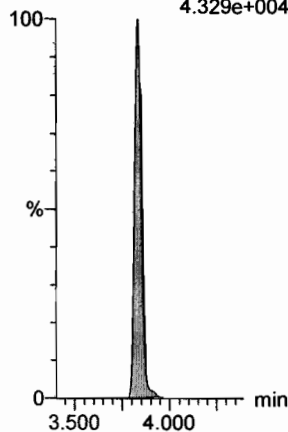
13C4-PFHpA

F17:MRM of 1 channel,ES-
367.2 > 321.8
3.417e+005



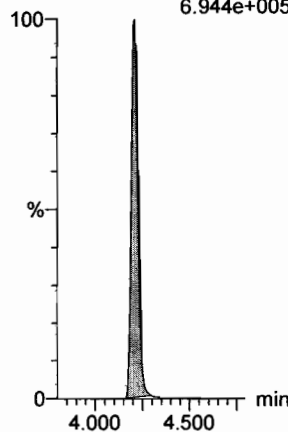
18O2-PFHxS

F20:MRM of 1 channel,ES-
403.0 > 102.6
4.329e+004



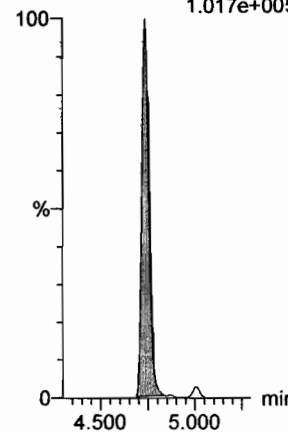
13C2-PFOA

F22:MRM of 1 channel,ES-
414.9 > 369.7
6.944e+005



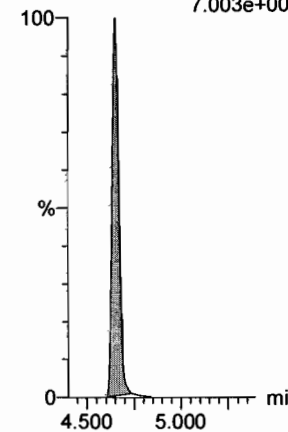
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.017e+005



13C5-PFNA

F28:MRM of 1 channel,ES-
468.2 > 422.9
7.003e+005



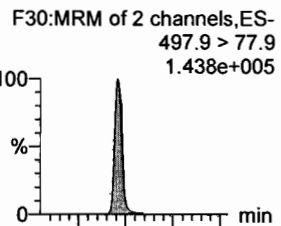
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Last Altered: Wednesday, September 12, 2018 16:56:37 Pacific Daylight Time

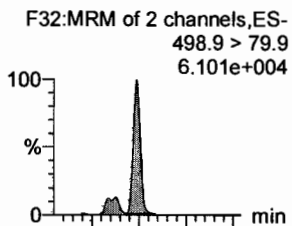
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Name: 180912M1_13, Date: 12-Sep-2018, Time: 15:51:38, ID: ICV180912M1-1 PFC ICV 1810622, Description: PFC ICV 1810622

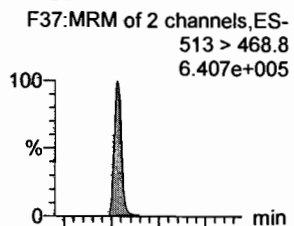
PFOSA



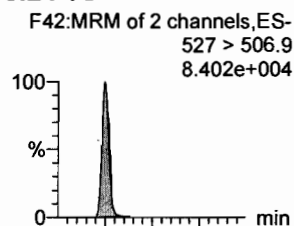
L-PFOS



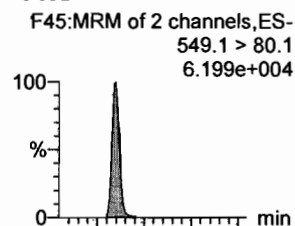
PFDA



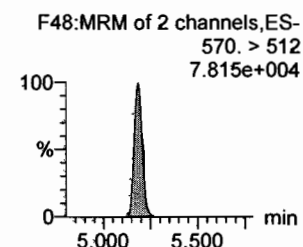
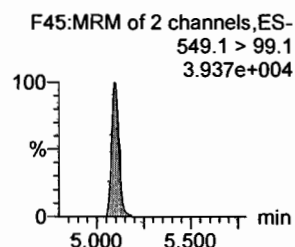
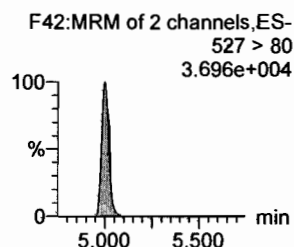
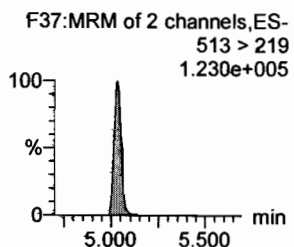
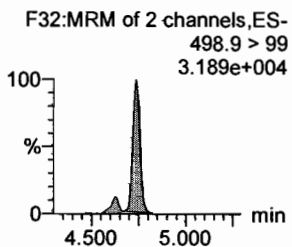
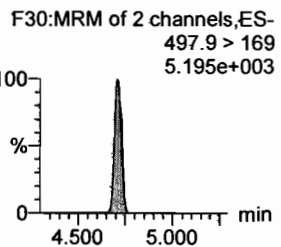
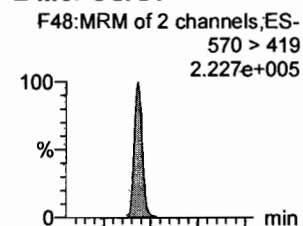
8:2 FTS



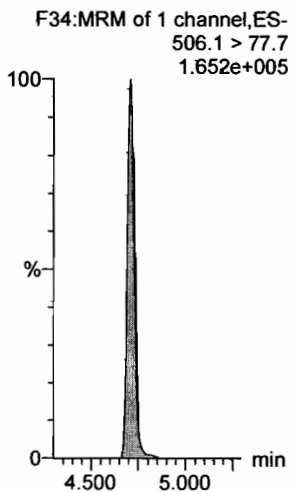
PFNS



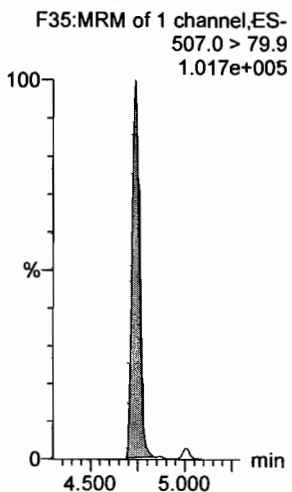
L-MeFOSAA



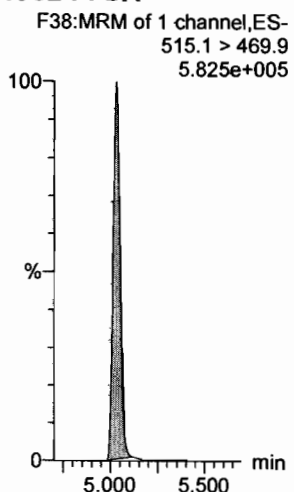
13C8-PFOA



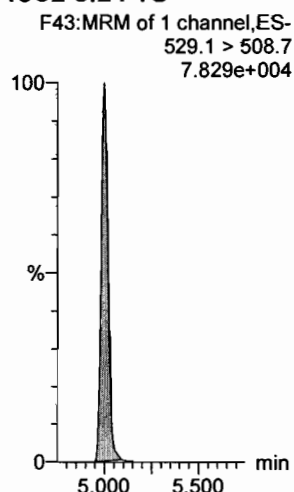
13C8-PFOS



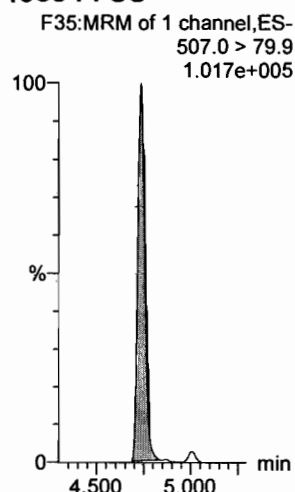
13C2-PFDA



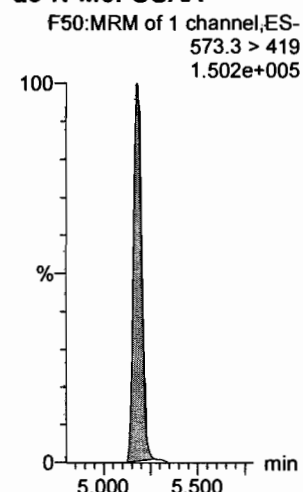
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



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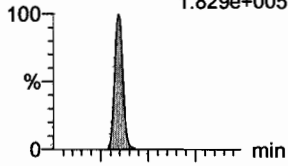
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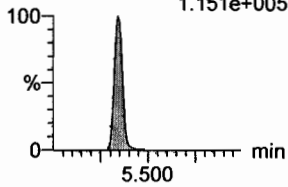
Name: 180912M1_13, Date: 12-Sep-2018, Time: 15:51:38, ID: ICV180912M1-1 PFC ICV 1810622, Description: PFC ICV 1810622

L-EtFOSAA

F51:MRM of 2 channels,ES-
584.1 > 419
1.829e+005

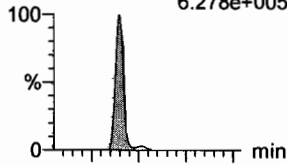


F51:MRM of 2 channels,ES-
584.1 > 526
1.151e+005

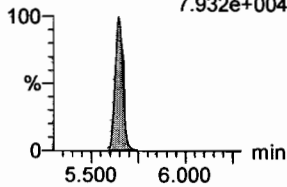


PFDoA

F54:MRM of 4 channels,ES-
612.9 > 569.0
6.278e+005

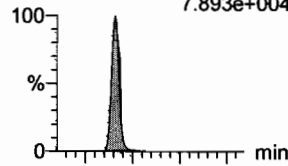


F54:MRM of 4 channels,ES-
612.9 > 318.8
7.932e+004

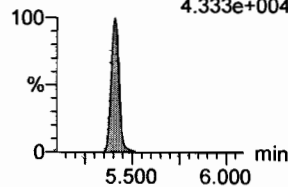


PFDS

F53:MRM of 2 channels,ES-
598.8 > 79.9
7.893e+004

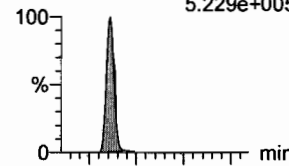


F53:MRM of 2 channels,ES-
598.8 > 98.9
4.333e+004

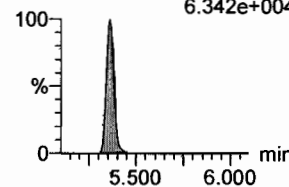


PFUdA

F46:MRM of 2 channels,ES-
563.0 > 518.9
5.229e+005

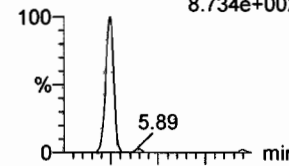


F46:MRM of 2 channels,ES-
563.0 > 269
6.342e+004

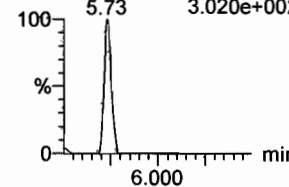


N-MeFOSA

F36:MRM of 2 channels,ES-
512.1 > 168.9
8.734e+002

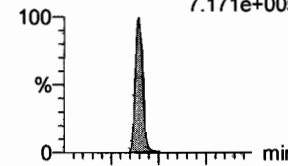


F36:MRM of 2 channels,ES-
512.1 > 219
3.020e+002

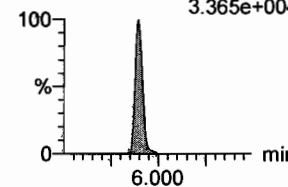


PFTrDA

F60:MRM of 2 channels,ES-
662.9 > 618.9
7.171e+005

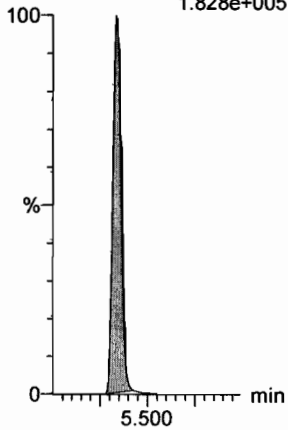


F60:MRM of 2 channels,ES-
662.9 > 319
3.365e+004



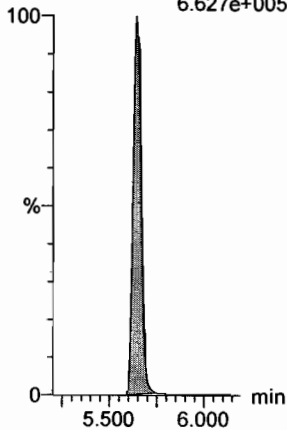
d5-N-EtFOSAA

F52:MRM of 1 channel,ES-
589.3 > 419
1.828e+005



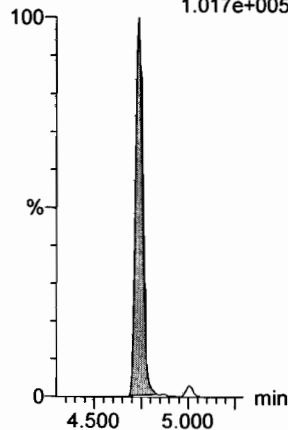
13C2-PFDoA

F55:MRM of 2 channels,ES-
615.0 > 569.7
6.627e+005



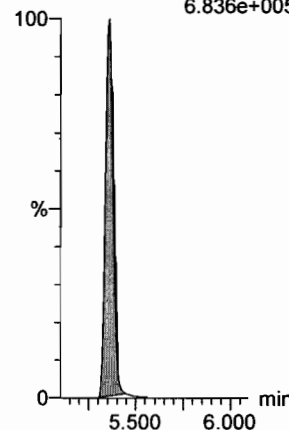
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.017e+005



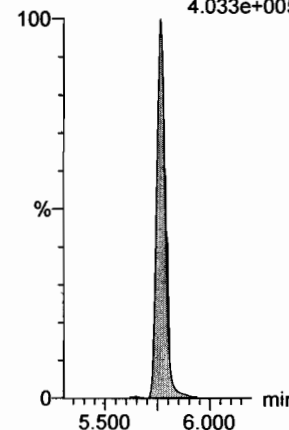
13C2-PFUdA

F47:MRM of 1 channel,ES-
565 > 519.8
6.836e+005



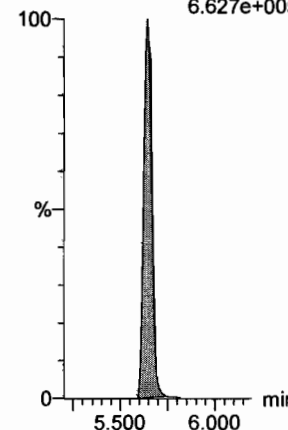
d3-N-MeFOSA

F39:MRM of 1 channel,ES-
515.2 > 168.9
4.033e+005



13C2-PFDoA

F55:MRM of 2 channels,ES-
615.0 > 569.7
6.627e+005



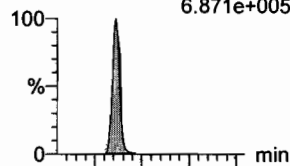
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Printed: Wednesday, September 12, 2018 16:57:43 Pacific Daylight Time

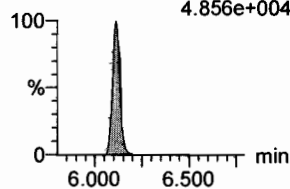
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PFTeDA

F61:MRM of 2 channels,ES-
712.8 > 669.0
6.871e+005

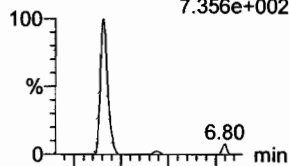


F61:MRM of 2 channels,ES-
712.8 > 368.9
4.856e+004

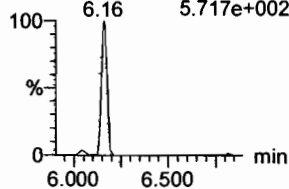


N-EtFOSA

F41:MRM of 2 channels,ES-
526.1 > 168.9
7.356e+002

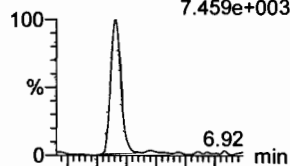


F41:MRM of 2 channels,ES-
526.1 > 219
5.717e+002

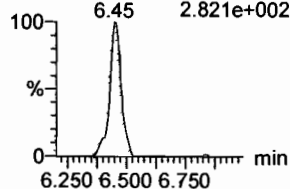


PFHxDA

F63:MRM of 2 channels,ES-
813.1 > 768.6
7.459e+003

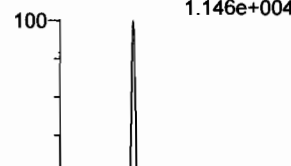


F63:MRM of 2 channels,ES-
813.1 > 219
2.821e+002

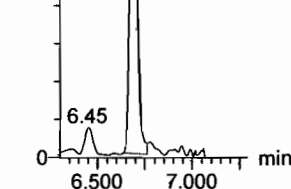


PFODA

F65:MRM of 1 channel,ES-
913.1 > 868.8
1.146e+004

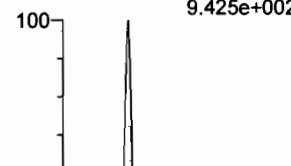


F65:MRM of 1 channel,ES-
913.1 > 868.8
1.146e+004

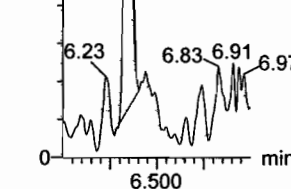


N-MeFOSE

F56:MRM of 1 channel,ES-
616.1 > 58.9
9.425e+002

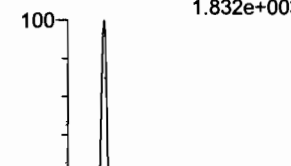


F56:MRM of 1 channel,ES-
616.1 > 58.9
9.425e+002

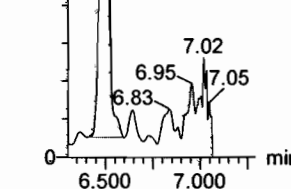


N-EtFOSE

F58:MRM of 1 channel,ES-
630.1 > 58.9
1.832e+003

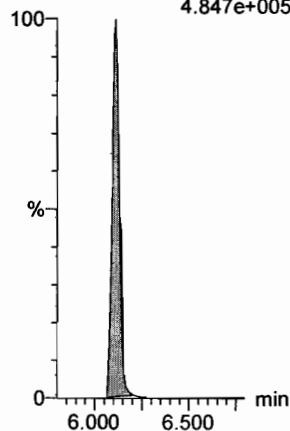


F58:MRM of 1 channel,ES-
630.1 > 58.9
1.832e+003



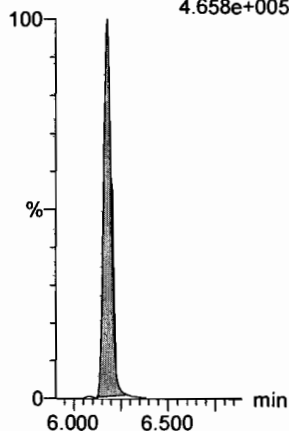
13C2-PFTeDA

F62:MRM of 2 channels,ES-
714.8 > 669.6
4.847e+005



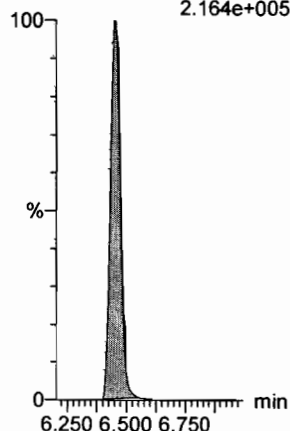
d5-N-ETFOSA

F44:MRM of 1 channel,ES-
531.1 > 168.9
4.658e+005



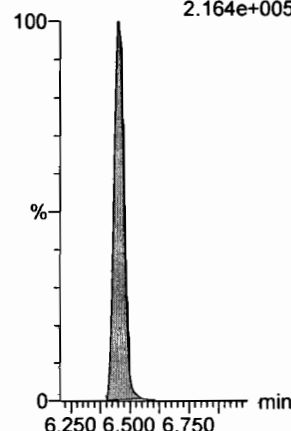
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
2.164e+005



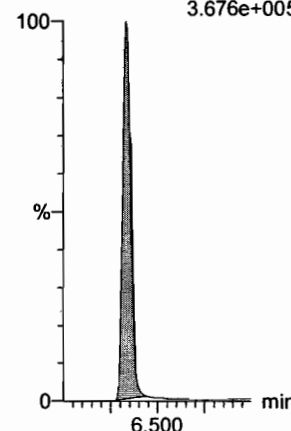
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
2.164e+005



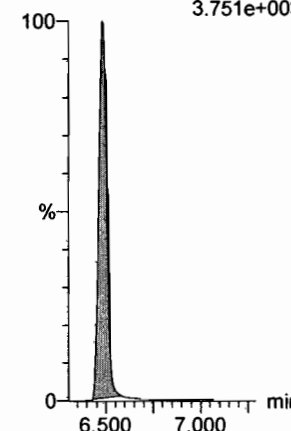
d7-N-MeFOSE

F57:MRM of 1 channel,ES-
623.1 > 58.9
3.676e+005



d9-N-EtFOSE

F59:MRM of 1 channel,ES-
639.2 > 58.8
3.751e+005



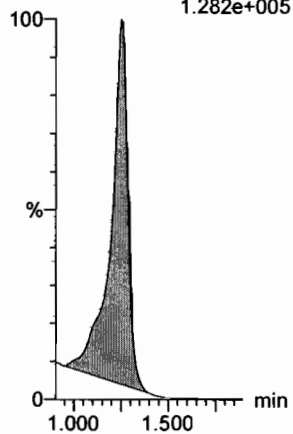
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Printed: Wednesday, September 12, 2018 16:57:43 Pacific Daylight Time

Name: 180912M1_13, Date: 12-Sep-2018, Time: 15:51:38, ID: ICV180912M1-1 PFC ICV 18I0622, Description: PFC ICV 18I0622

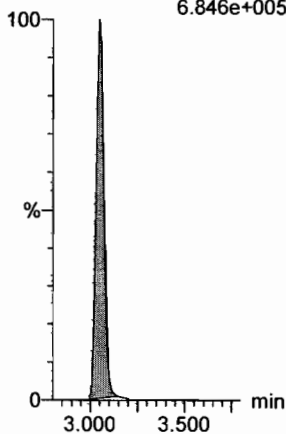
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.282e+005



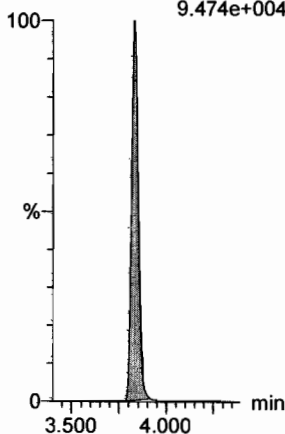
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
6.846e+005



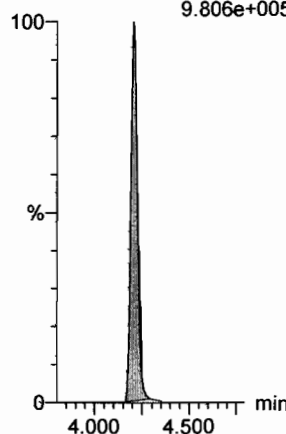
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
9.474e+004



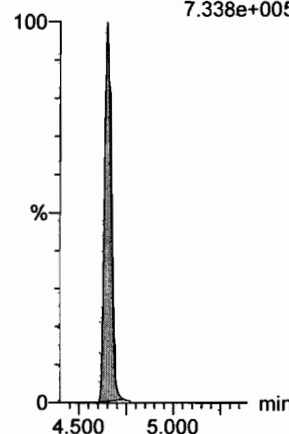
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
9.806e+005



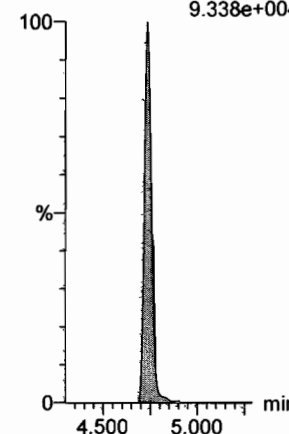
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
7.338e+005



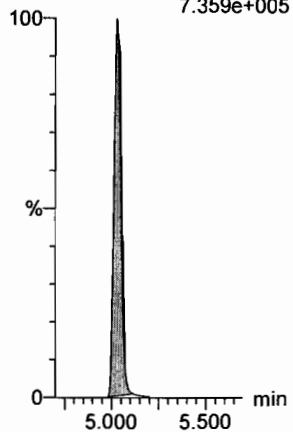
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
9.338e+004



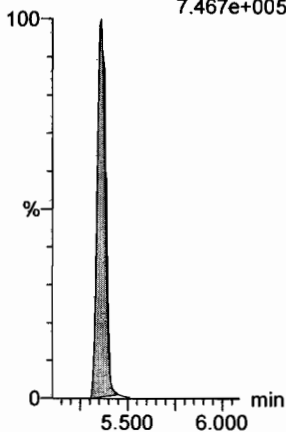
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
7.359e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.467e+005



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Last Altered: Wednesday, September 12, 2018 17:01:08 Pacific Daylight Time

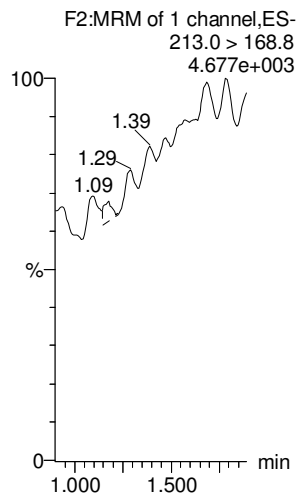
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Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 12 Sep 2018 16:25:05

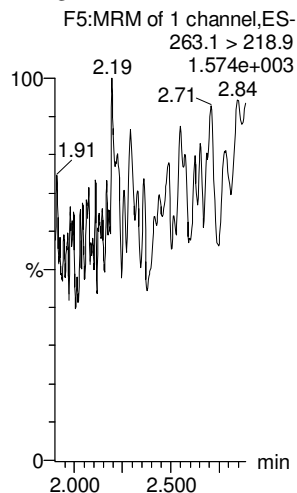
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Name: 180912M1_12, Date: 12-Sep-2018, Time: 15:40:59, ID: IPA, Description: IPA

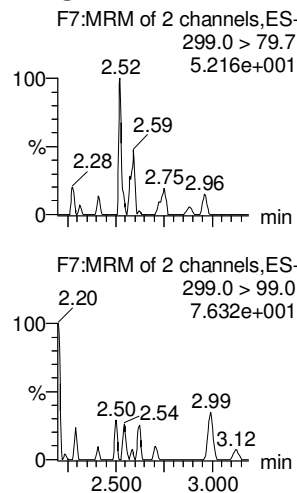
PFBA



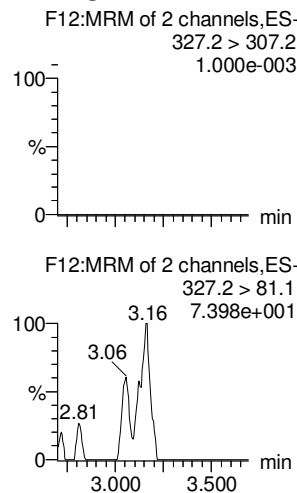
PFPeA



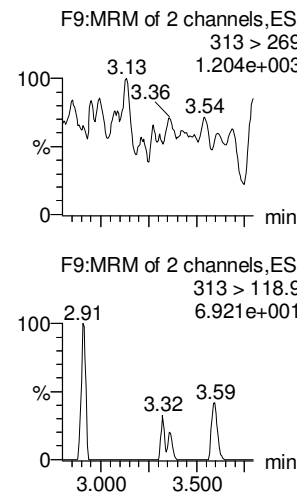
PFBS



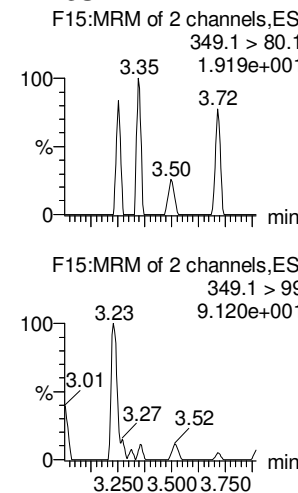
4:2 FTS



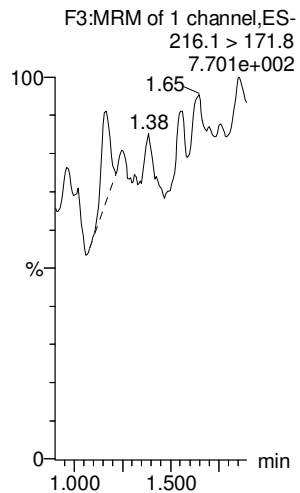
PFHxA



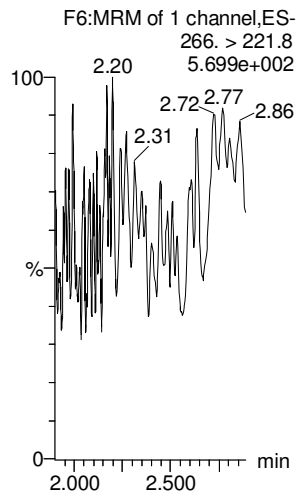
PFPeS



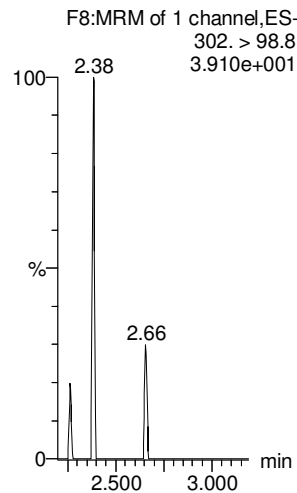
13C3-PFBA



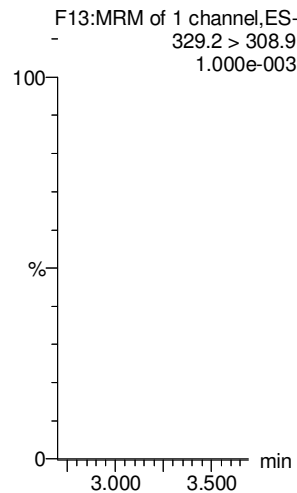
13C3-PFPeA



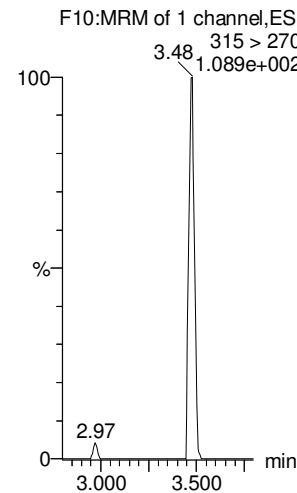
13C3-PFBS



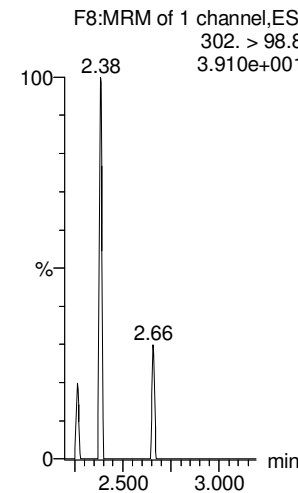
13C2-4:2 FTS



13C3-PFHxA



13C3-PFPeS



Dataset: Untitled

Last Altered: Wednesday, September 12, 2018 17:01:08 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 17:01:20 Pacific Daylight Time

Name: 180912M1_12, Date: 12-Sep-2018, Time: 15:40:59, ID: IPA, Description: IPA

6:2 FTS

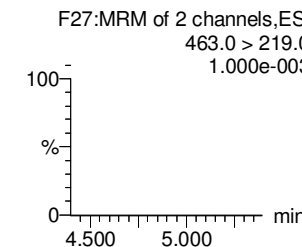
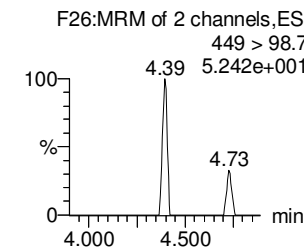
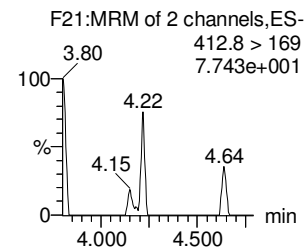
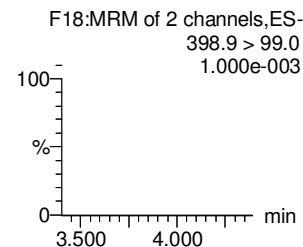
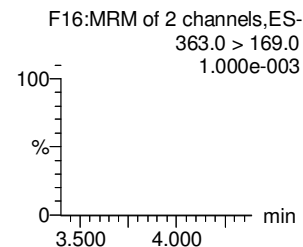
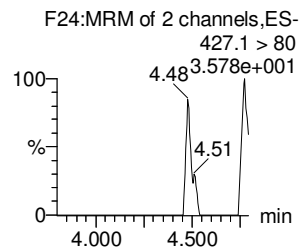
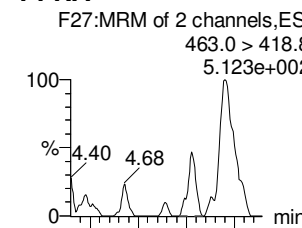
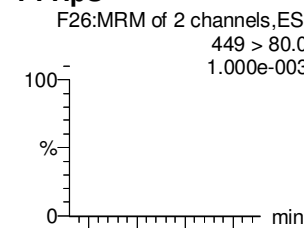
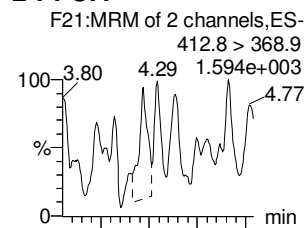
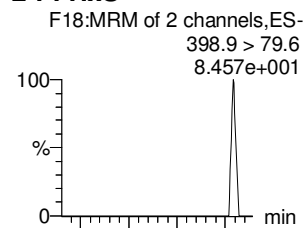
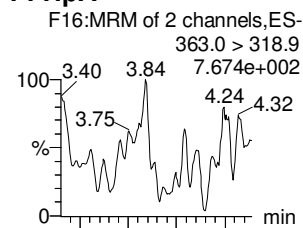
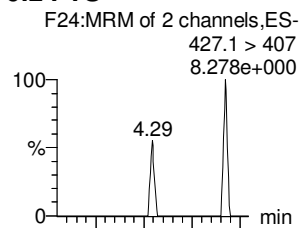
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

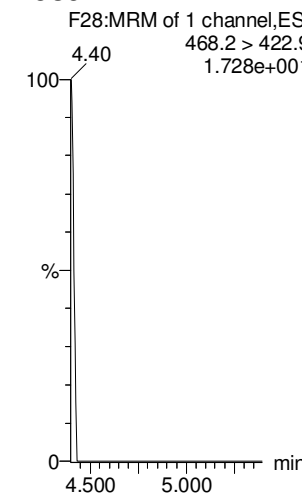
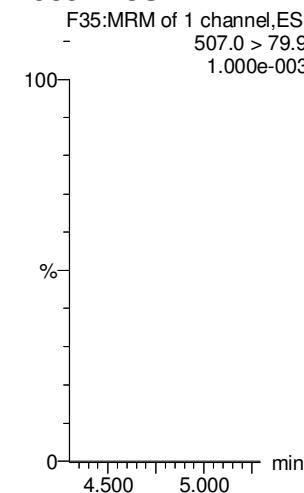
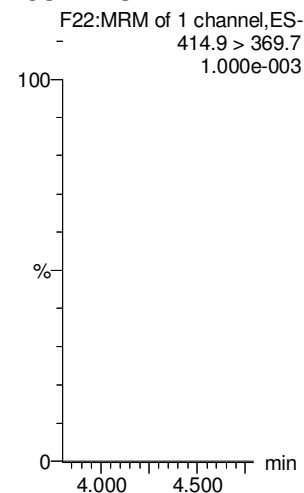
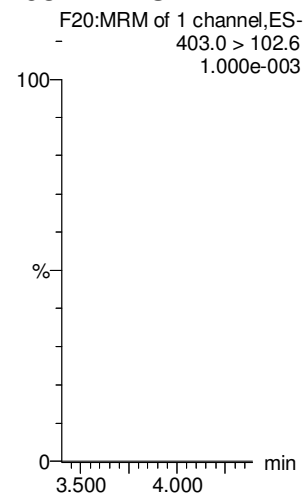
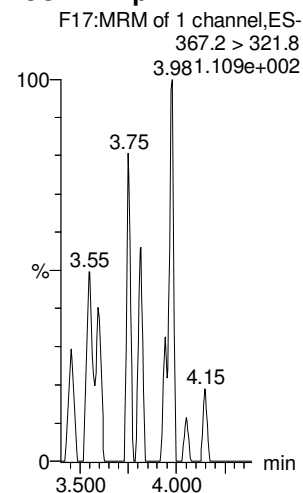
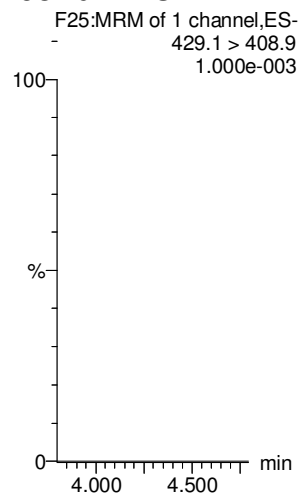
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



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Last Altered: Wednesday, September 12, 2018 17:01:08 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 17:01:20 Pacific Daylight Time

Name: 180912M1_12, Date: 12-Sep-2018, Time: 15:40:59, ID: IPA, Description: IPA

PFOSA

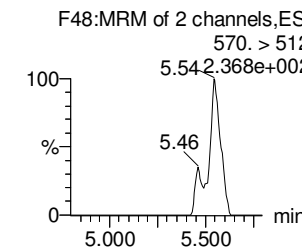
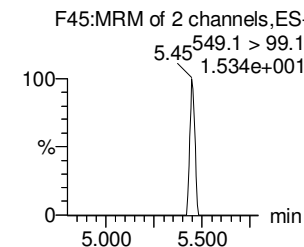
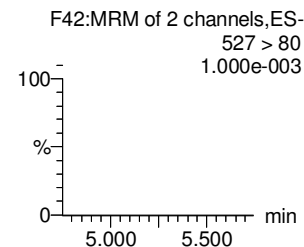
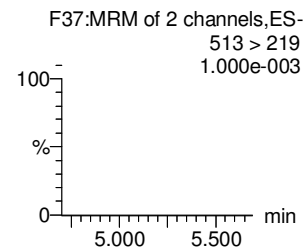
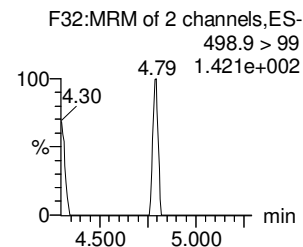
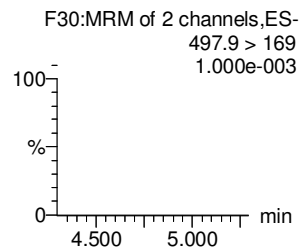
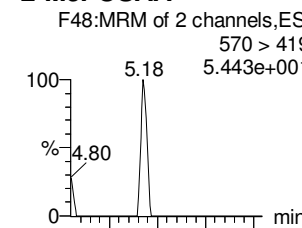
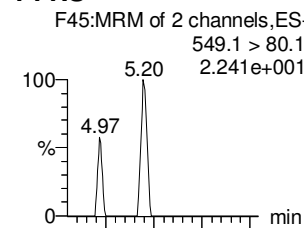
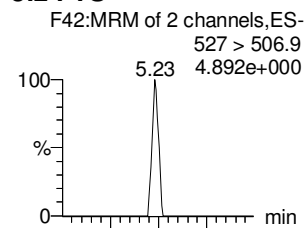
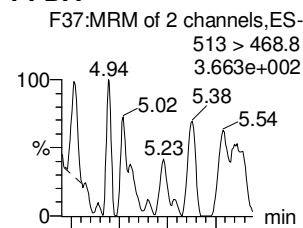
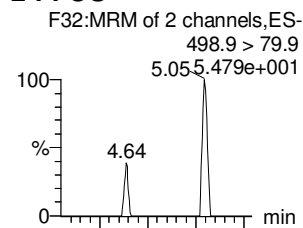
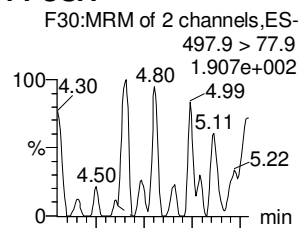
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOA

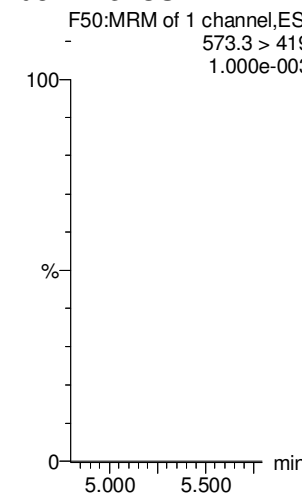
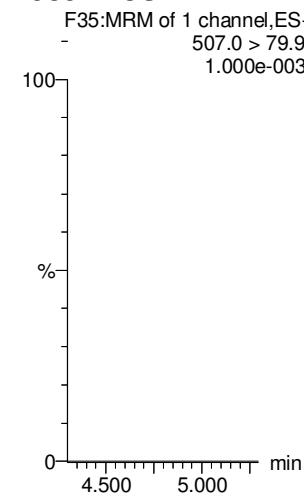
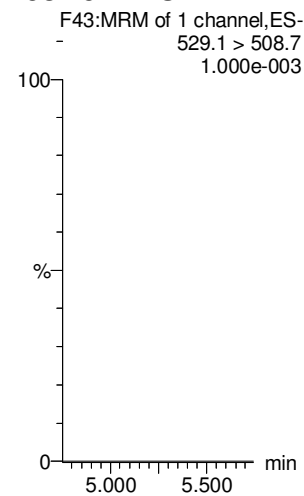
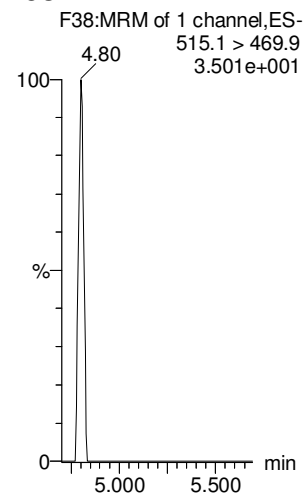
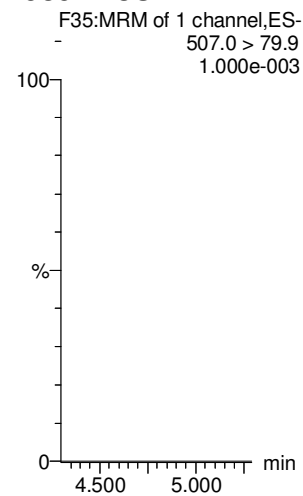
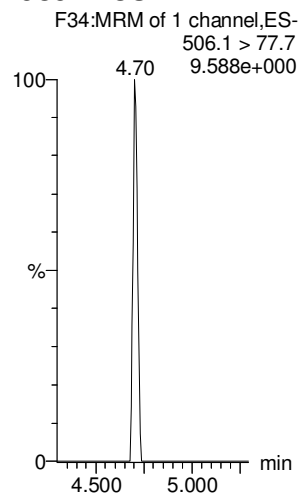
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA



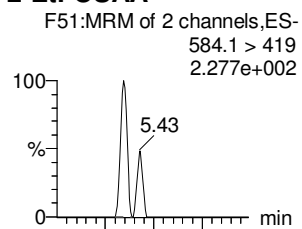
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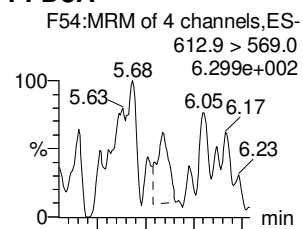
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Name: 180912M1_12, Date: 12-Sep-2018, Time: 15:40:59, ID: IPA, Description: IPA

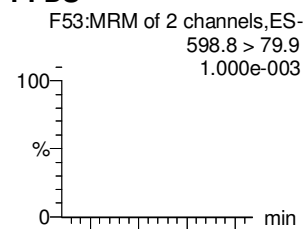
L-EtFOSAA



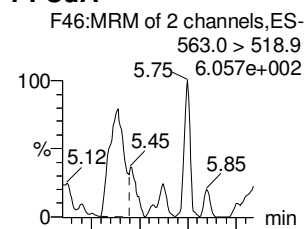
PFDoA



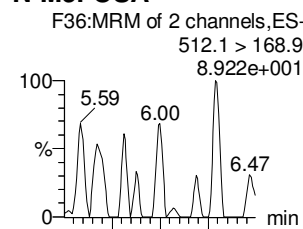
PFDS



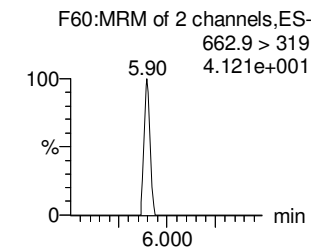
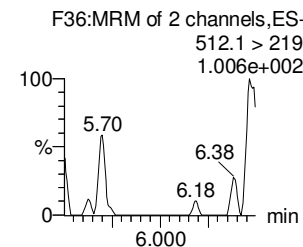
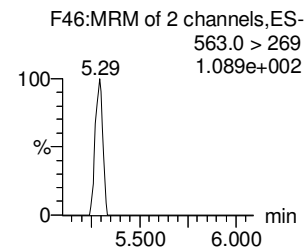
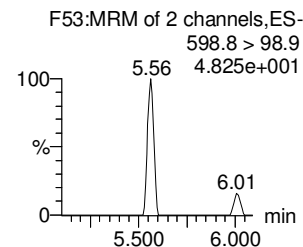
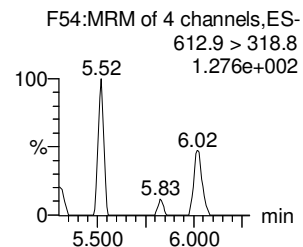
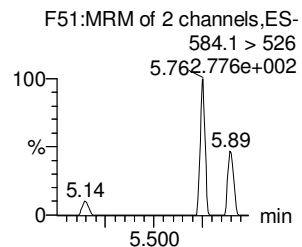
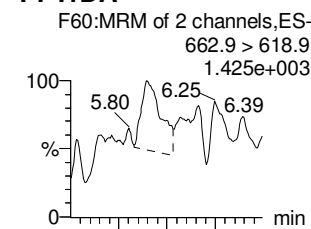
PFUdA



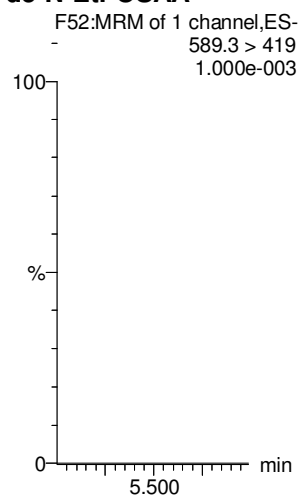
N-MeFOSA



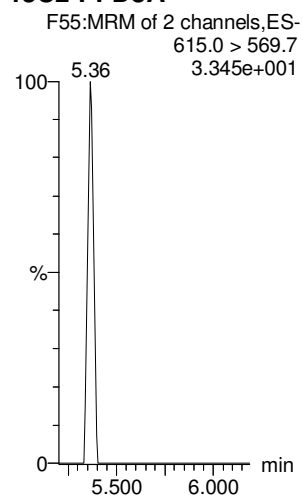
PFTrDA



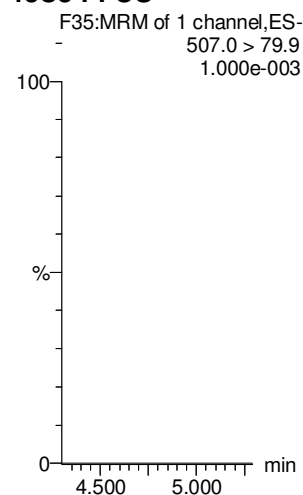
d5-N-EtFOSAA



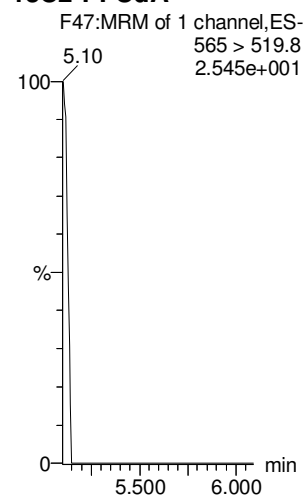
13C2-PFDoA



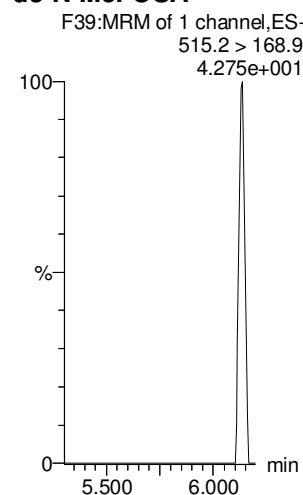
13C8-PFOS



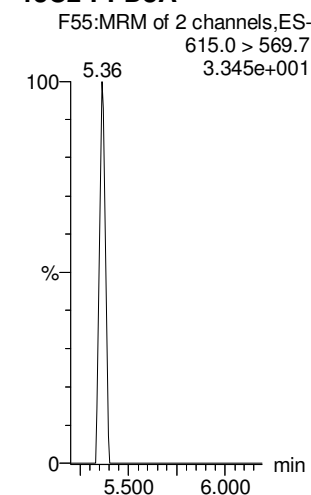
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA



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Last Altered: Wednesday, September 12, 2018 17:01:08 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 17:01:20 Pacific Daylight Time

Name: 180912M1_12, Date: 12-Sep-2018, Time: 15:40:59, ID: IPA, Description: IPA

PFTeDA

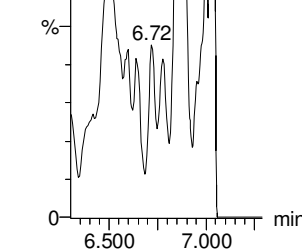
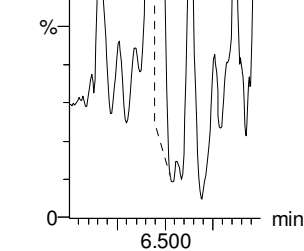
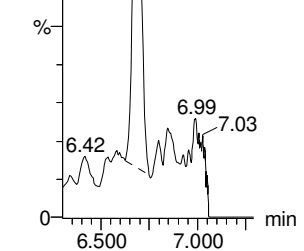
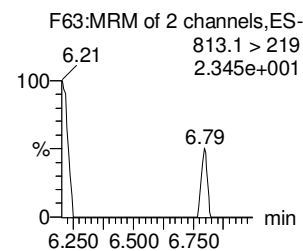
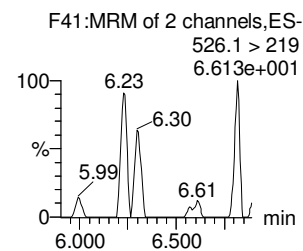
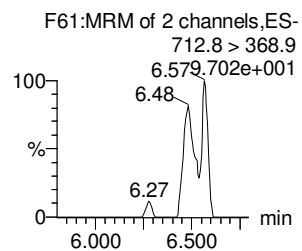
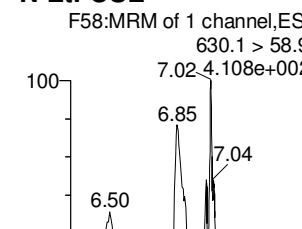
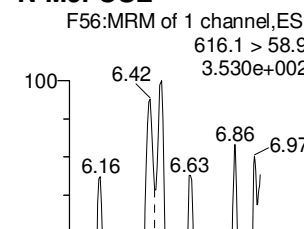
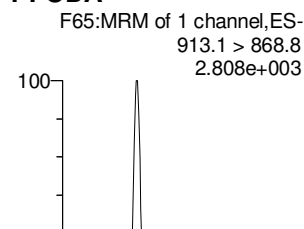
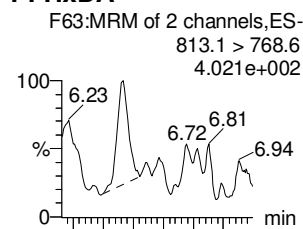
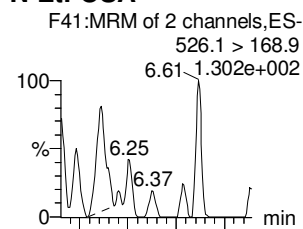
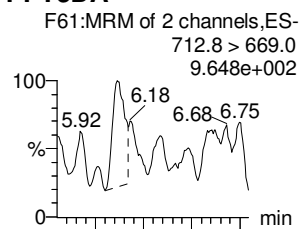
N-EtFOSEA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

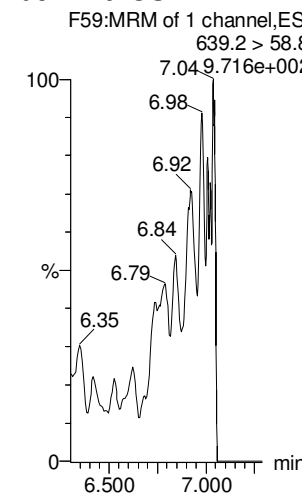
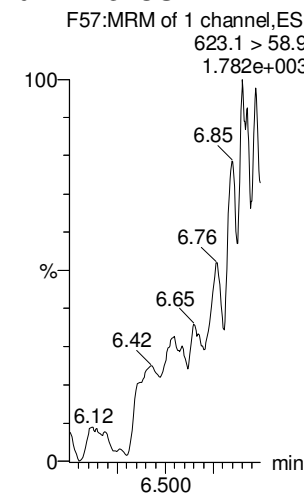
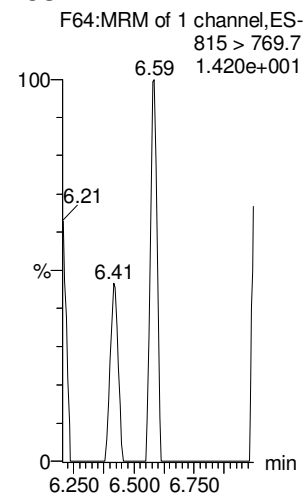
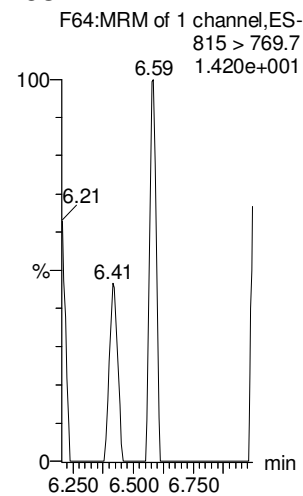
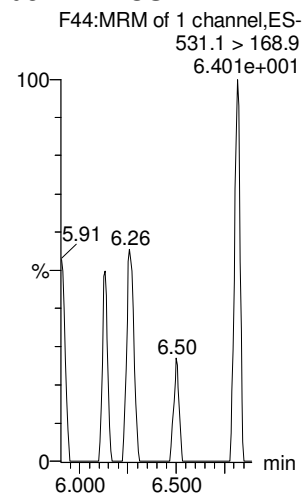
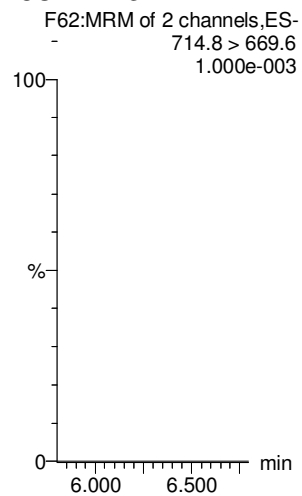
d5-N-ETFOSEA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



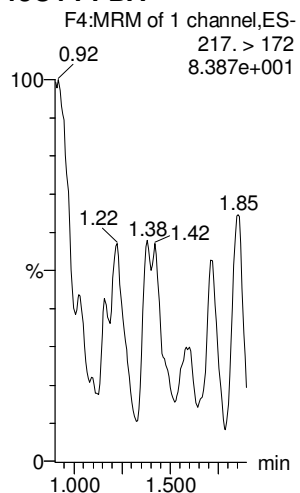
Dataset: Untitled

Last Altered: Wednesday, September 12, 2018 17:01:08 Pacific Daylight Time

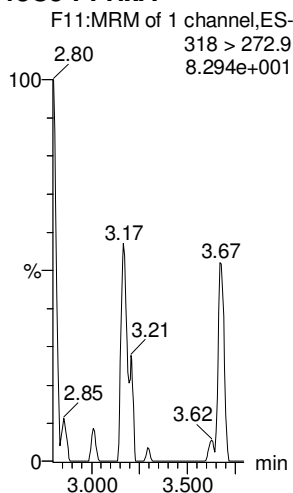
Printed: Wednesday, September 12, 2018 17:01:20 Pacific Daylight Time

Name: 180912M1_12, Date: 12-Sep-2018, Time: 15:40:59, ID: IPA, Description: IPA

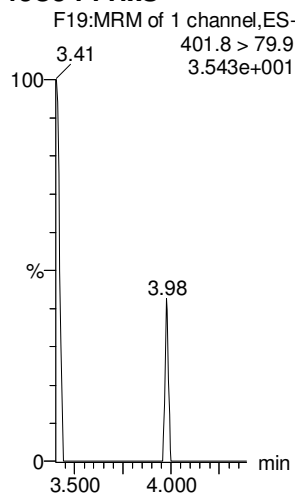
13C4-PFBA



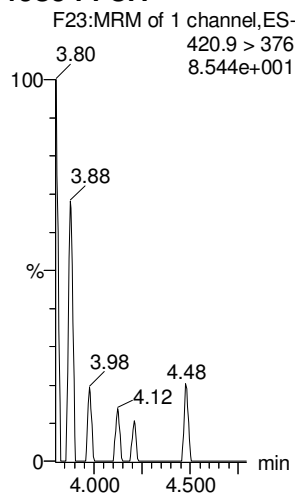
13C5-PFHxA



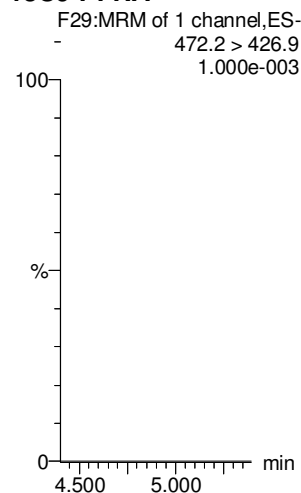
13C3-PFHxS



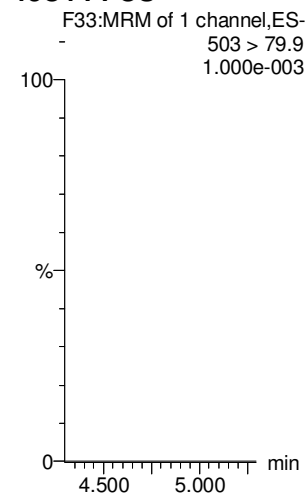
13C8-PFOA



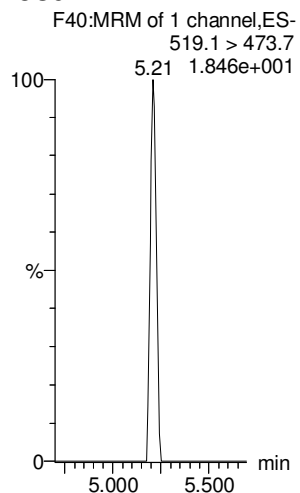
13C9-PFNA



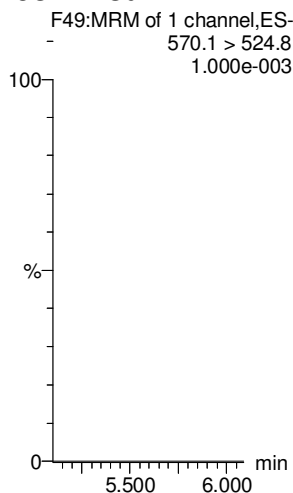
13C4-PFOS



13C6-PFDA



13C7-PFUdA



TUNE CHECKS

Tunecheck 08-25-18

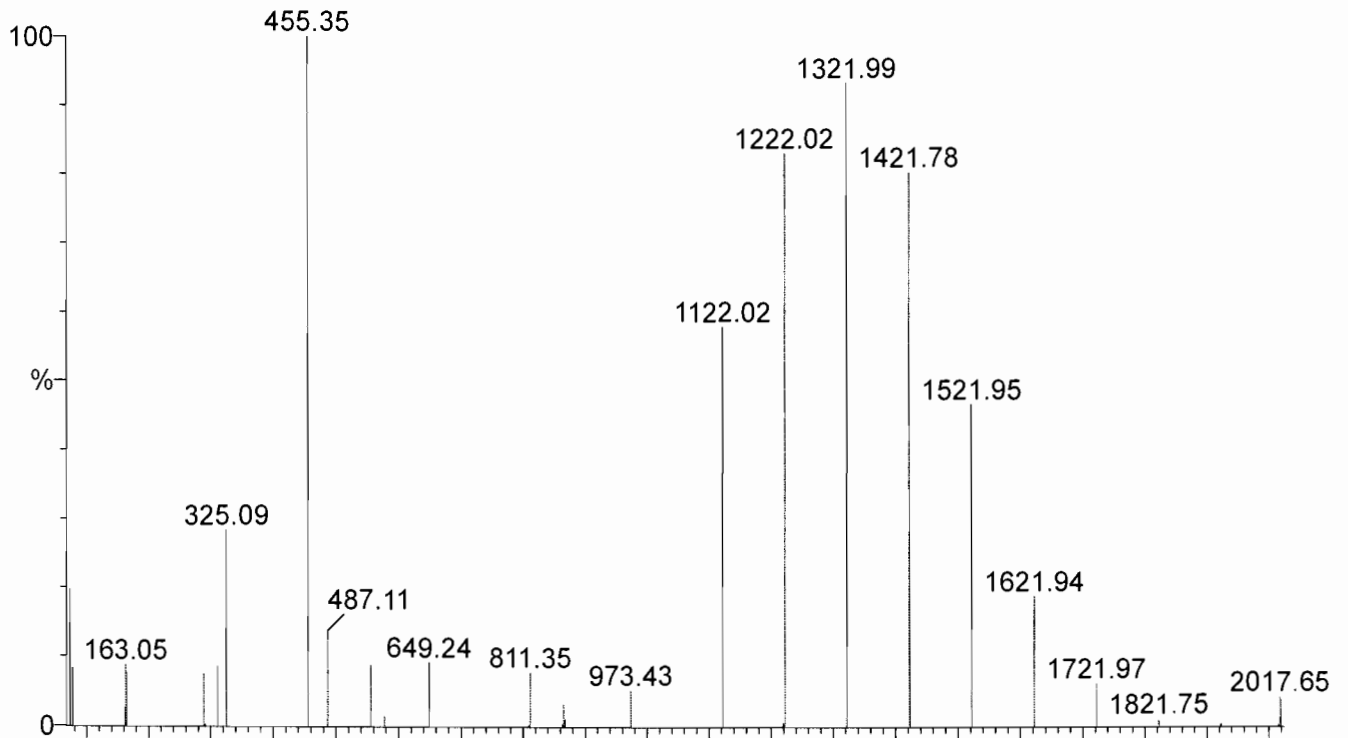
Calibration Verification Report - MS1 Static

20180823

Printed: Sat Aug 25 12:10:05 2018

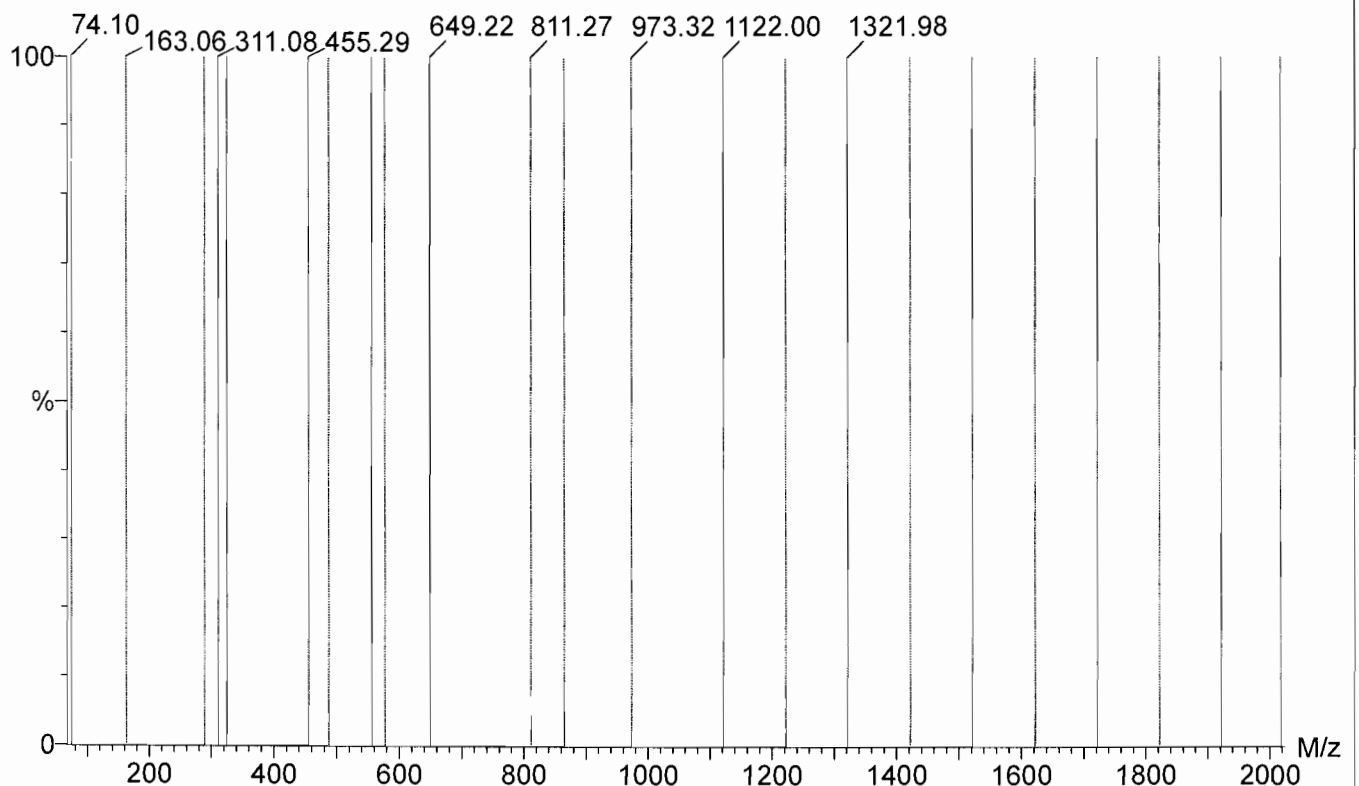
Data file: STATMS1V - Calibrated

22 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

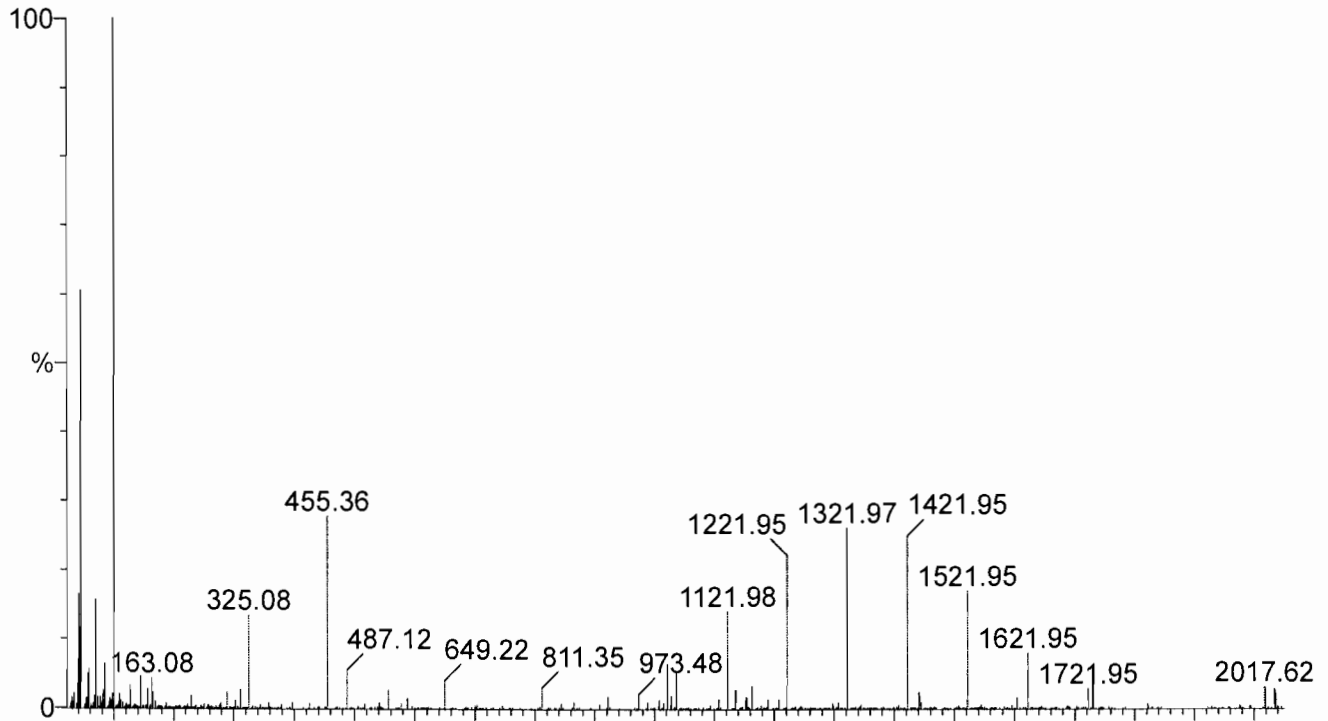
Mean residual = 0.0533 amu



Printed: Sat Aug 25 12:11:14 2018

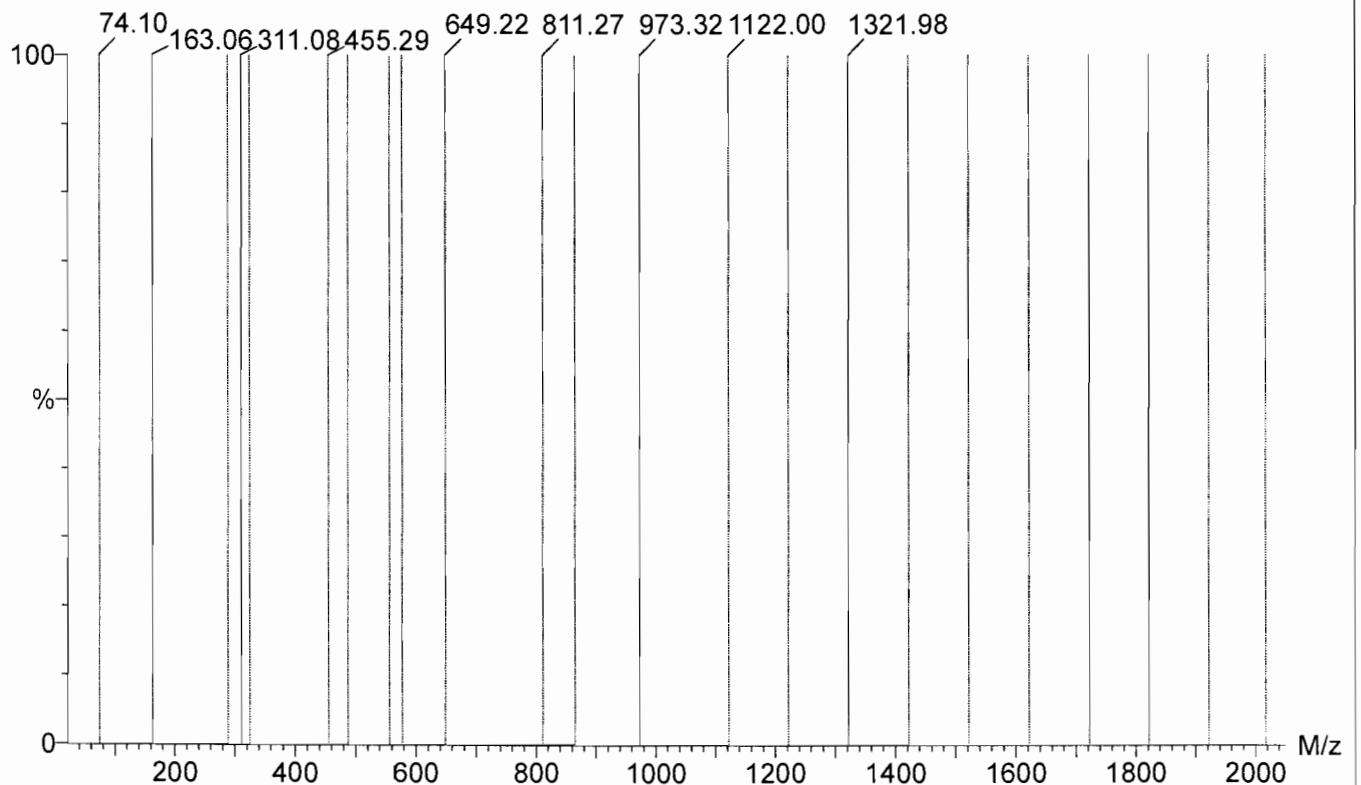
Data file: SCNMS1V - Calibrated

23 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

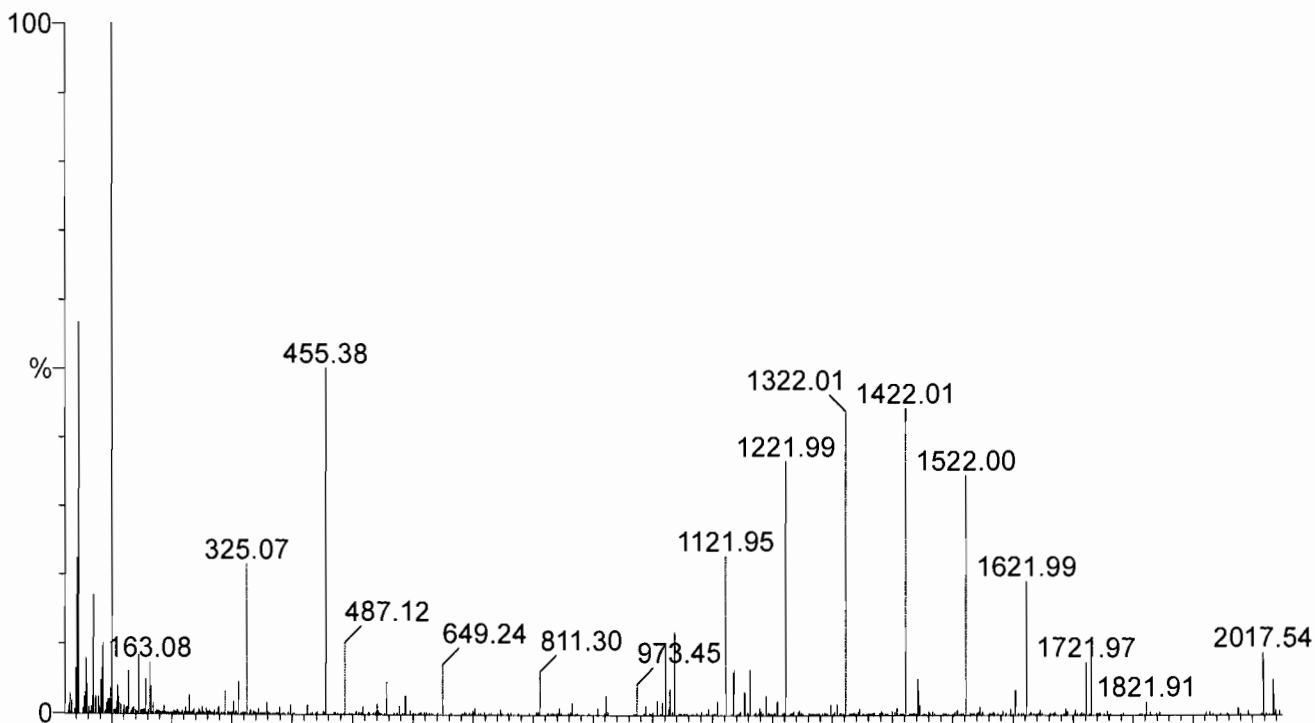
Mean residual = 0.0547 amu



Printed: Sat Aug 25 12:12:25 2018

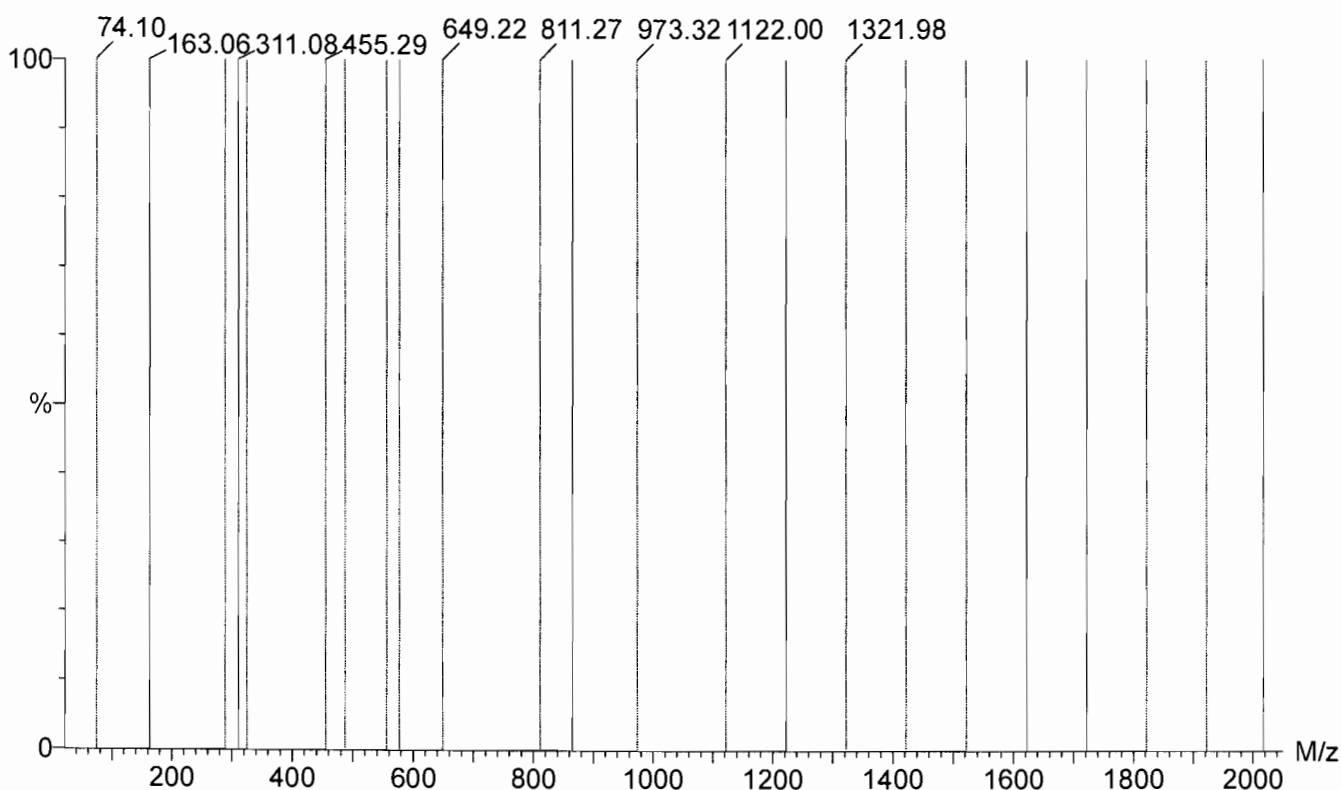
Data file: FASTMS1V - Calibrated

22 matches of 23 tested references



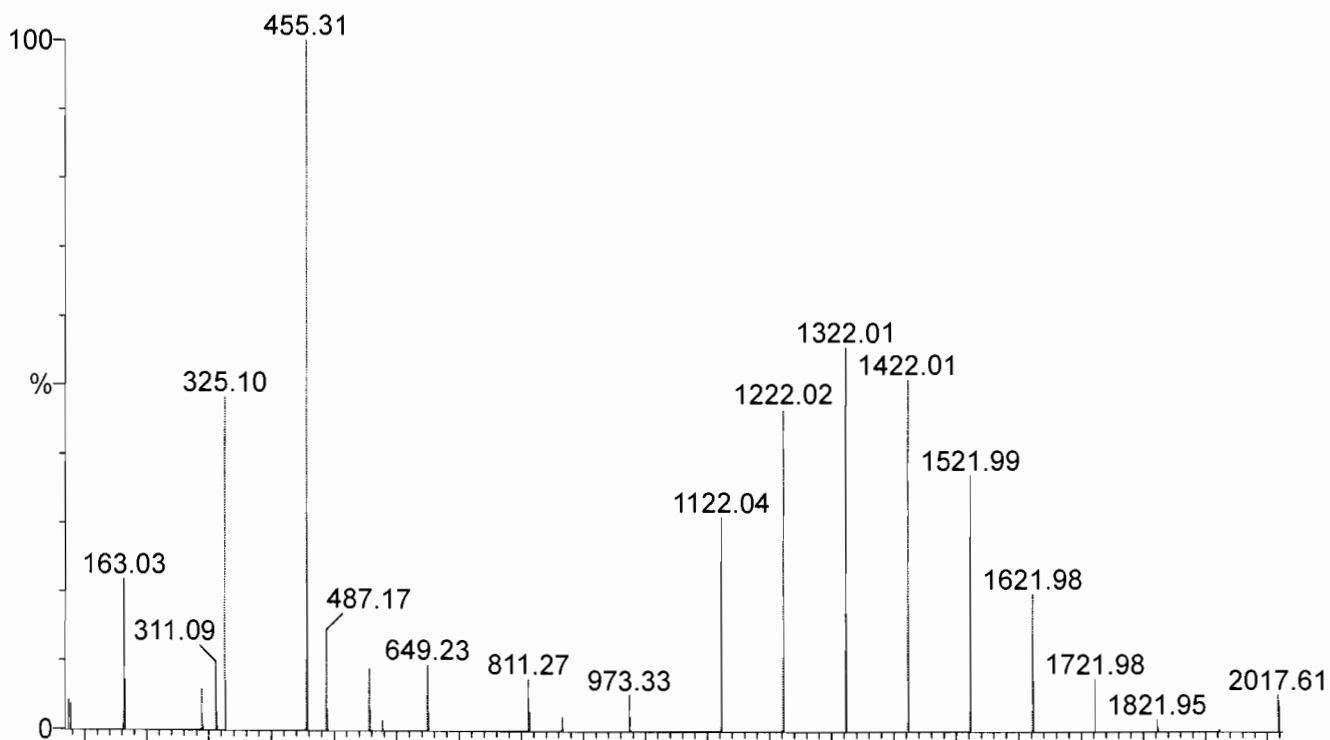
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0339 amu

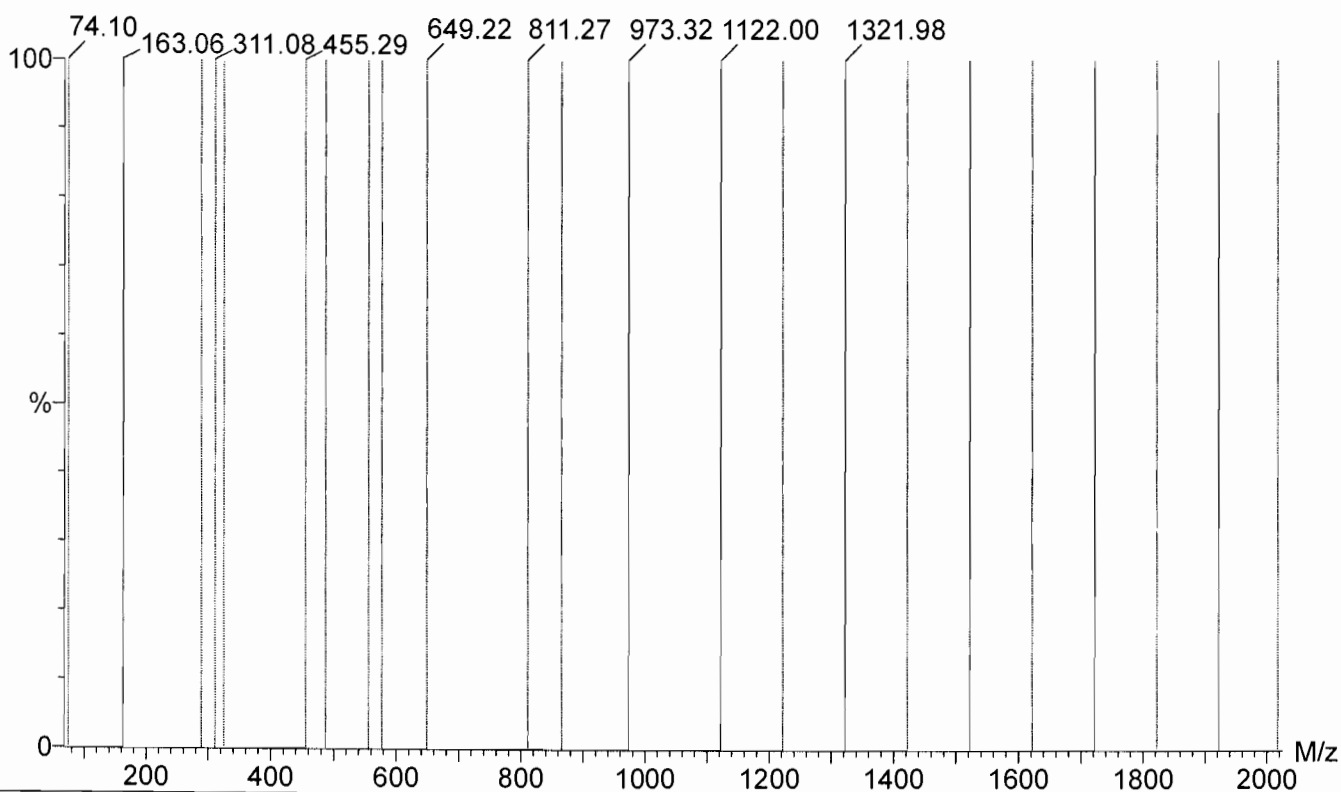


Printed: Sat Aug 25 12:13:34 2018

Data file: STATMS2V - Calibrated 23 matches of 23 tested references



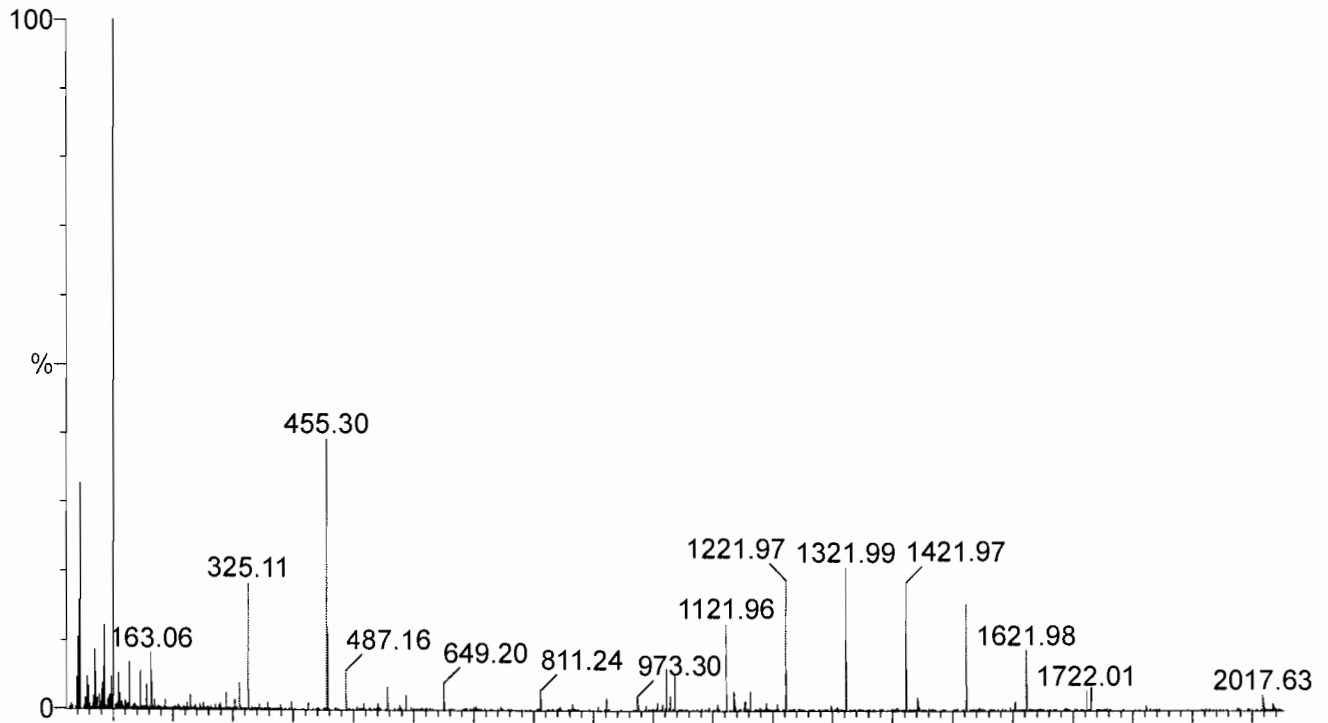
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.02 amu



Printed: Sat Aug 25 12:14:42 2018

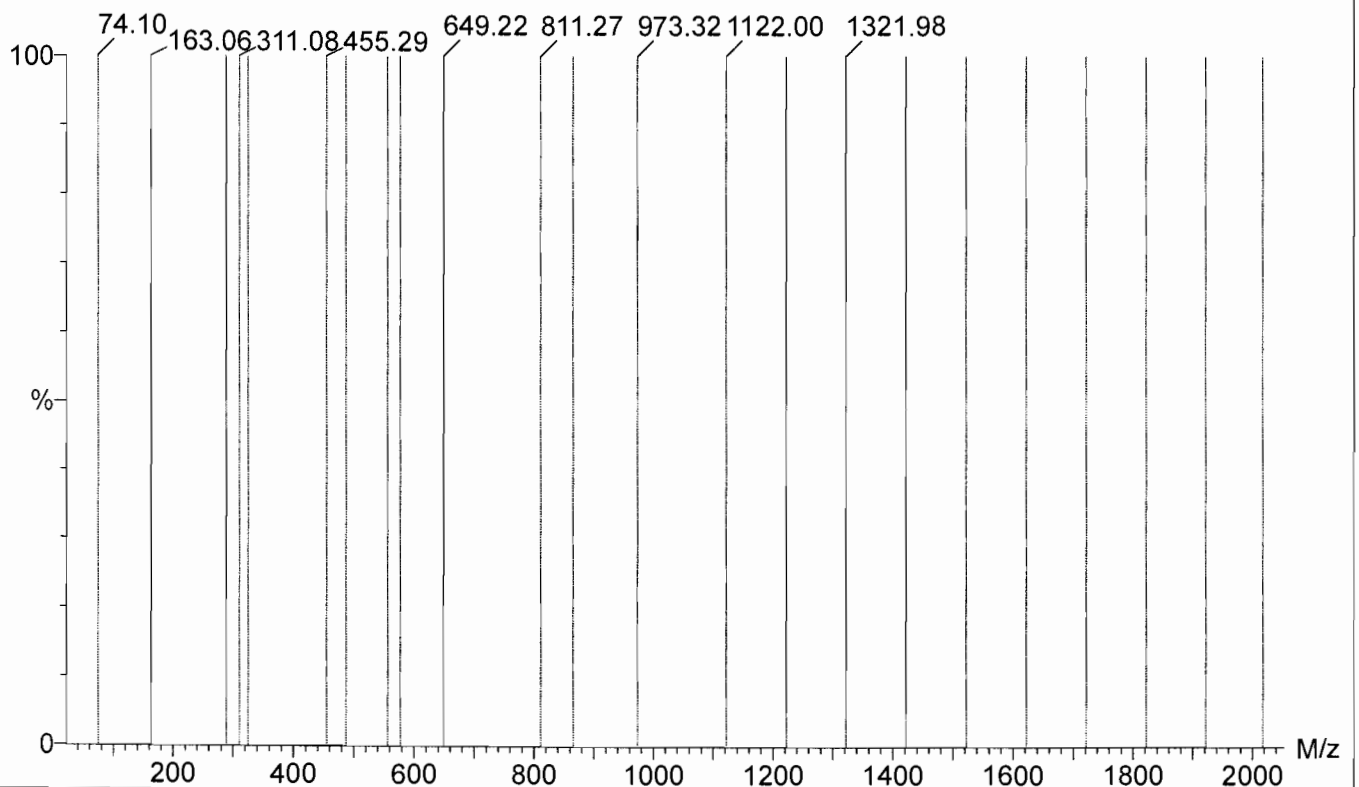
Data file: SCNMS2V - Calibrated

23 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

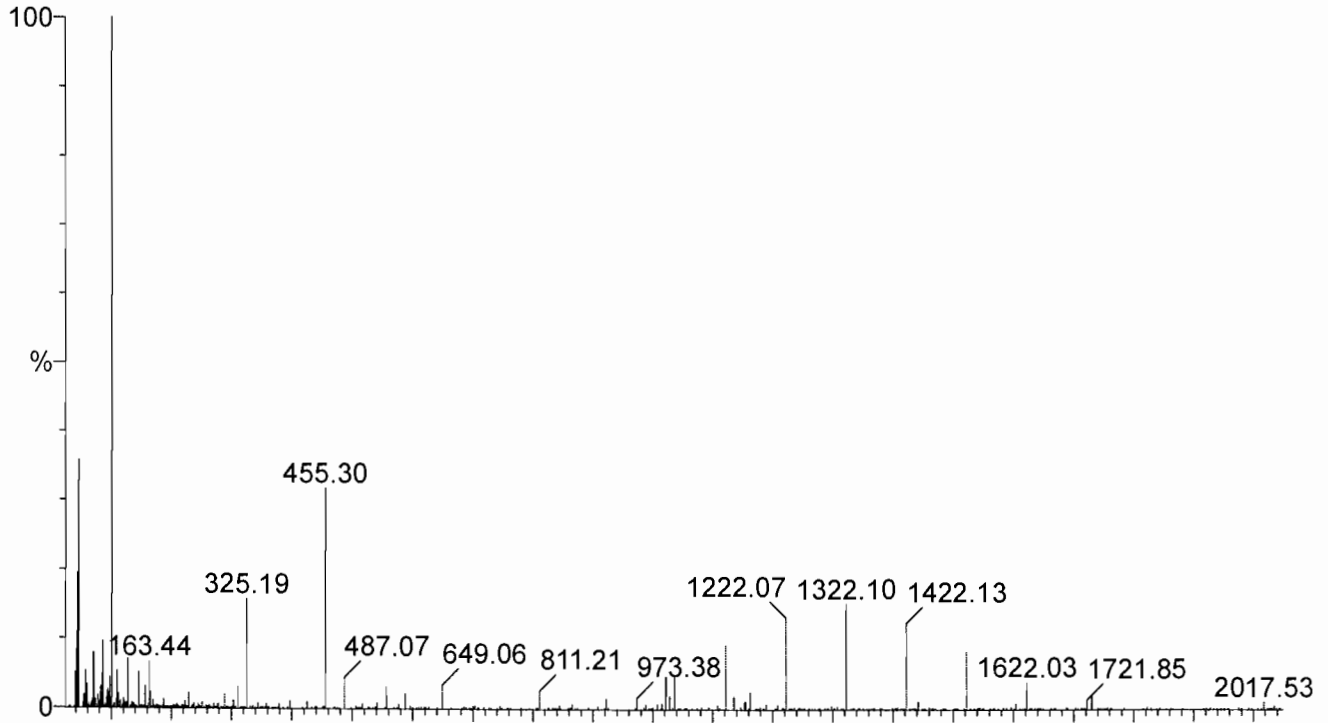
Mean residual = 0.0218 amu



Printed: Sat Aug 25 12:16:08 2018

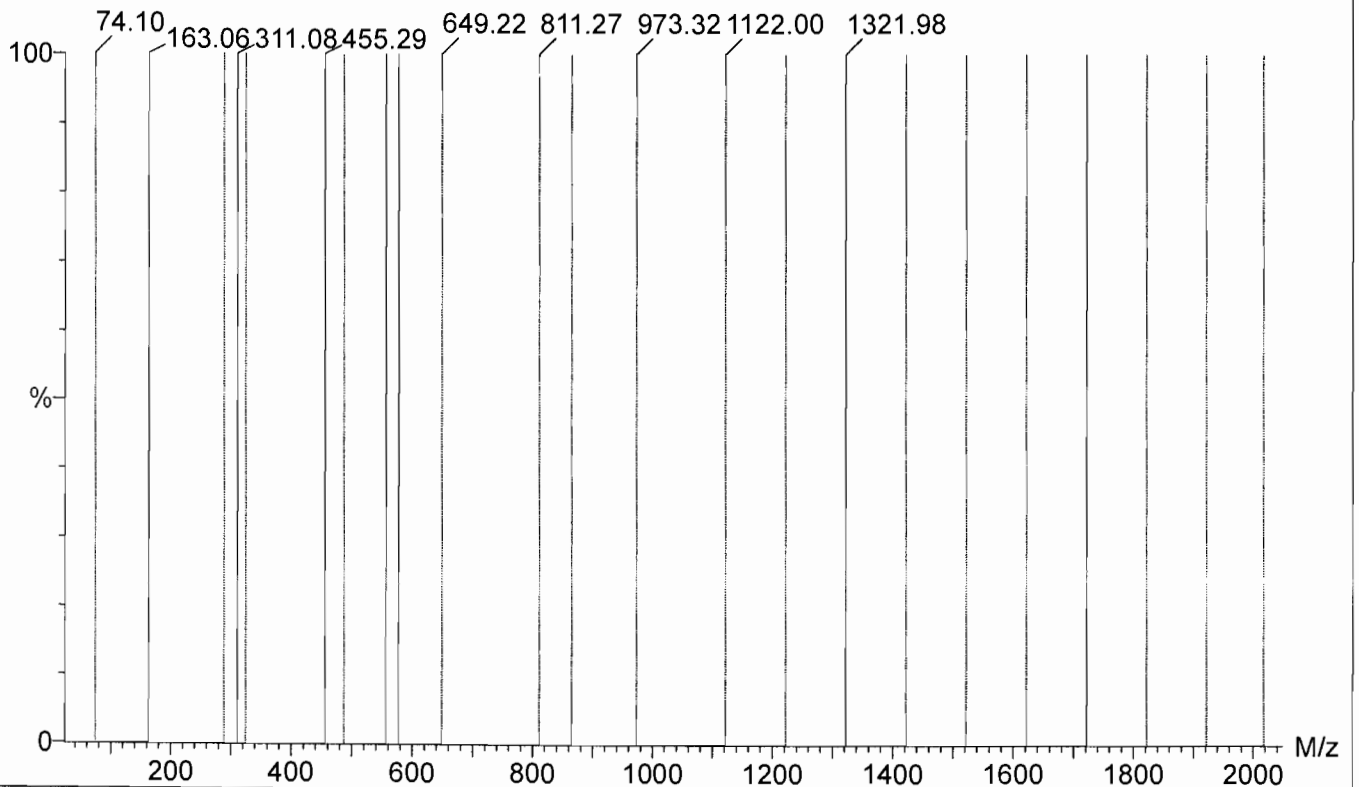
Data file: FASTMS2V - Calibrated

23 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.135 amu



Tune check 08-26-18

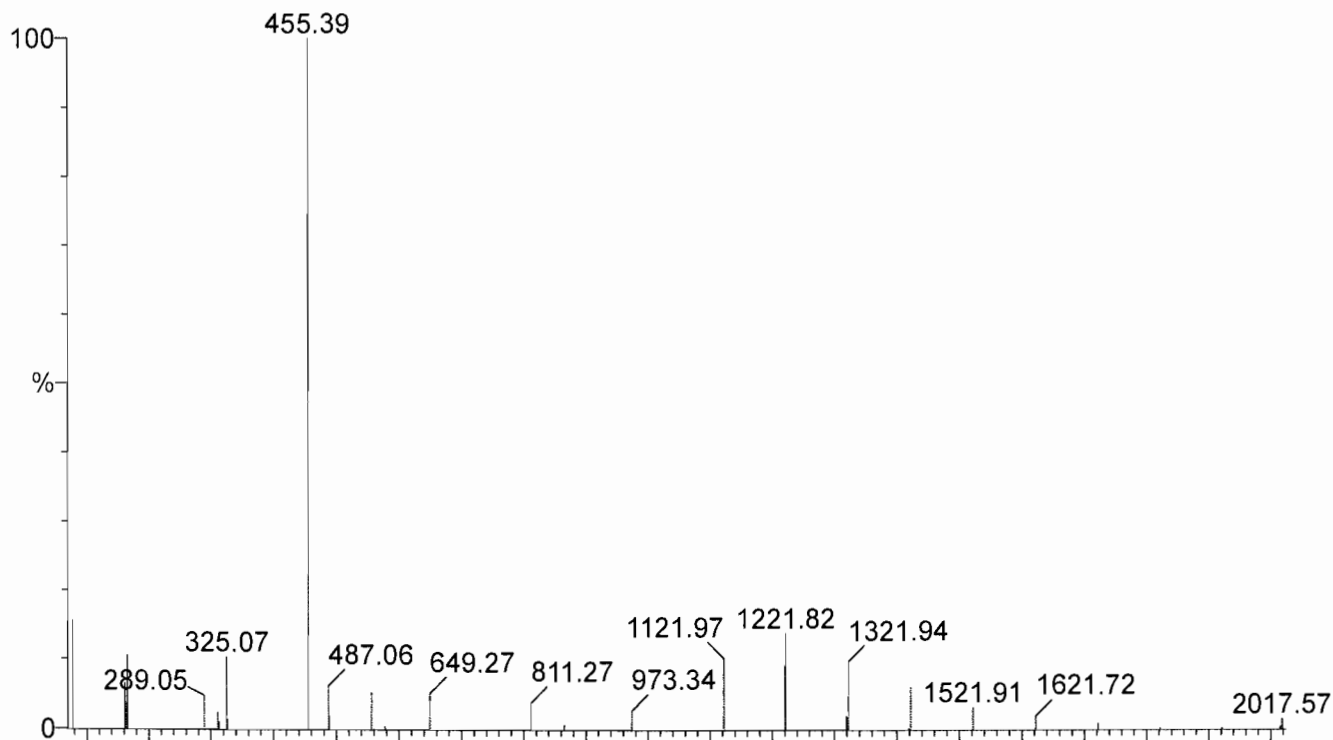
Calibration Verification Report - MS1 Static

20180823

Printed: Sun Aug 26 13:13:19 2018

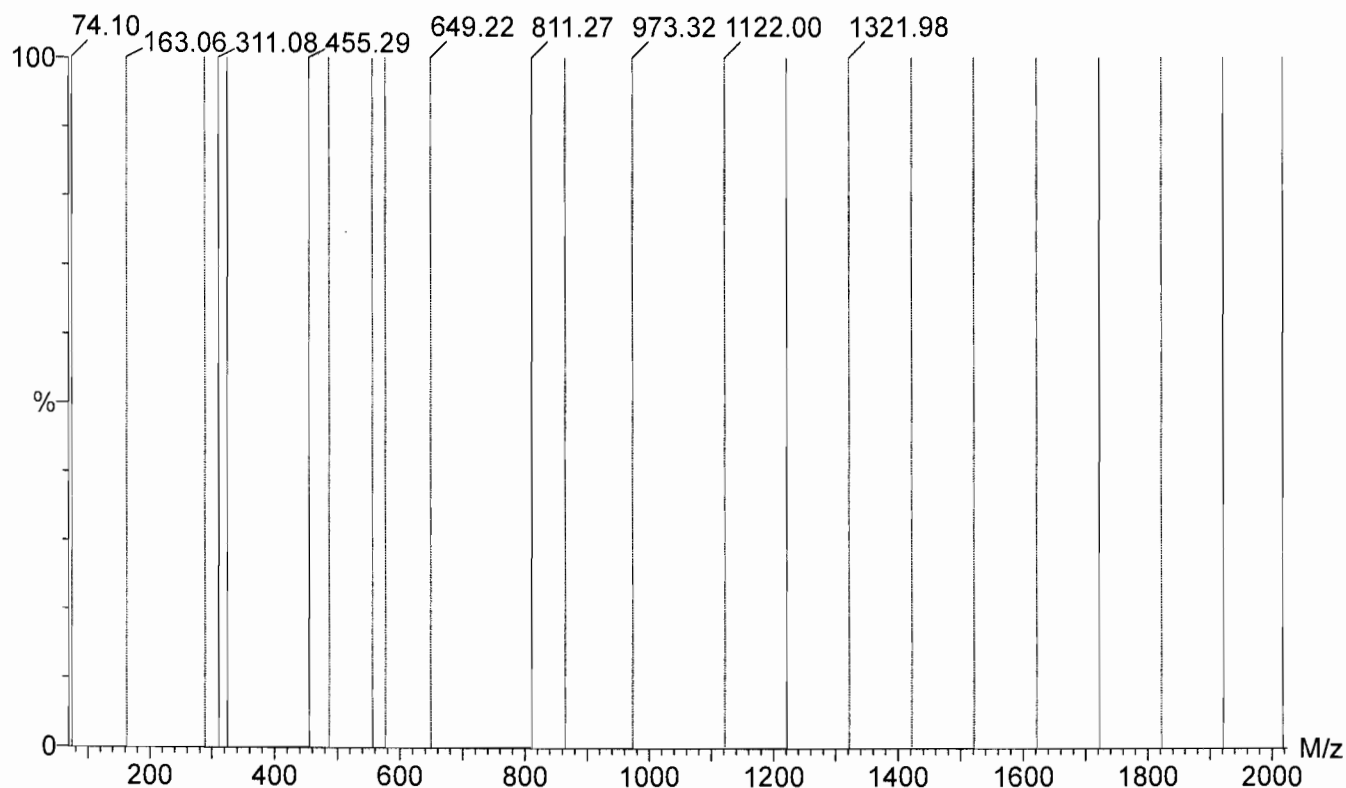
Data file: STATMS1V - Calibrated

22 matches of 23 tested references



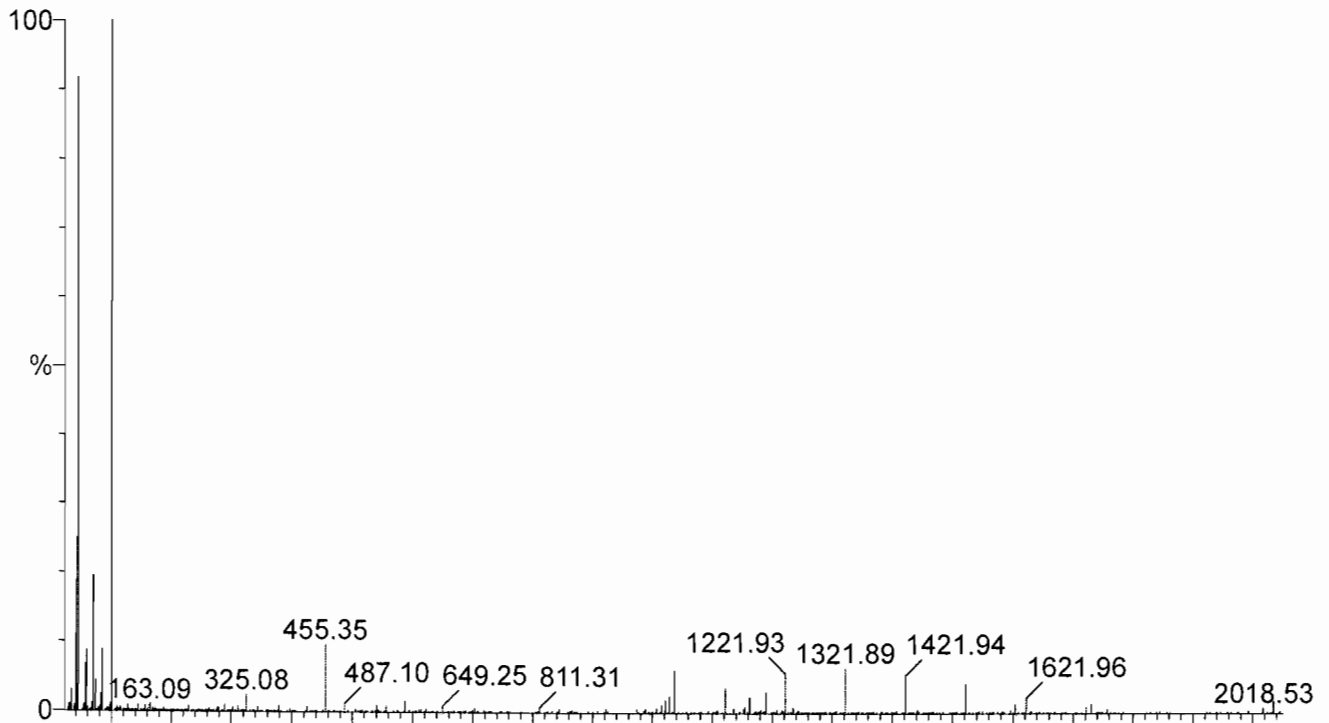
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0707 amu

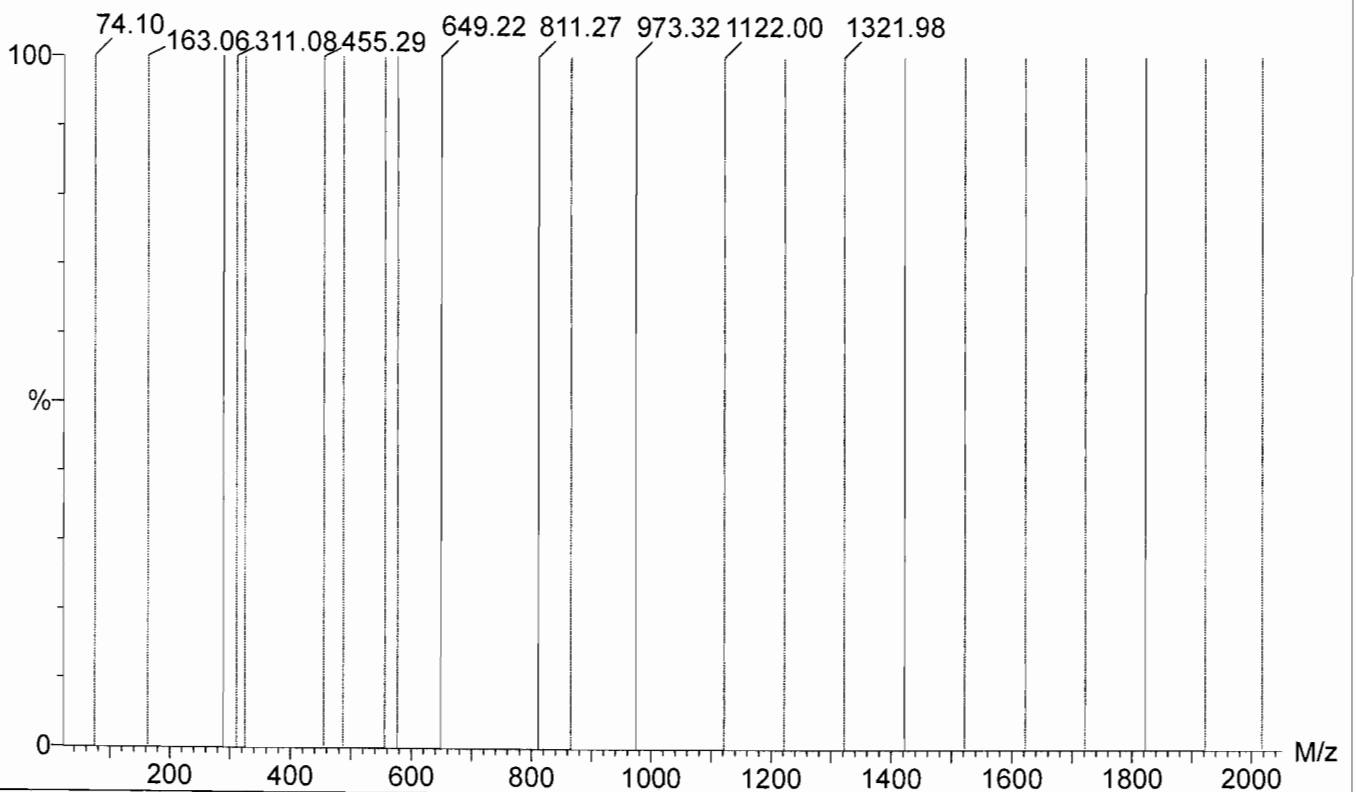


Printed: Sun Aug 26 13:14:28 2018

Data file: SCNMS1V - Calibrated 22 matches of 23 tested references



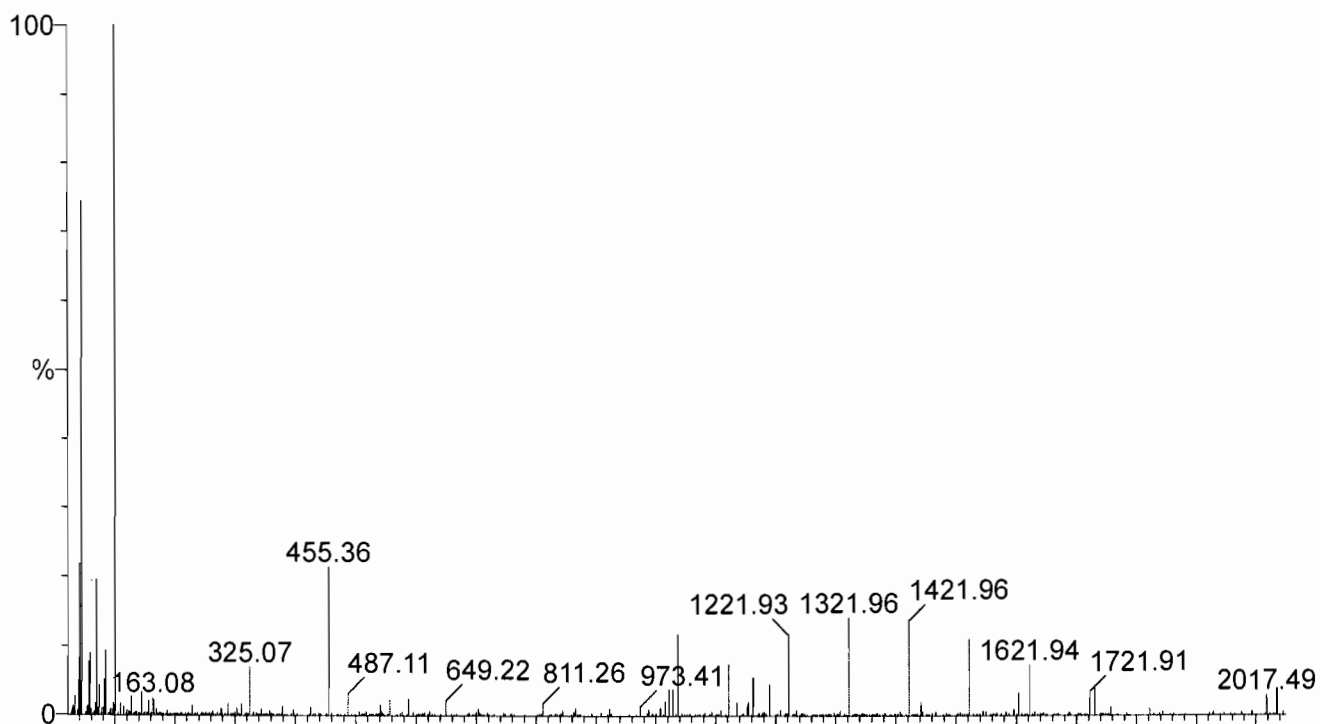
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.114 amu



Printed: Sun Aug 26 13:15:39 2018

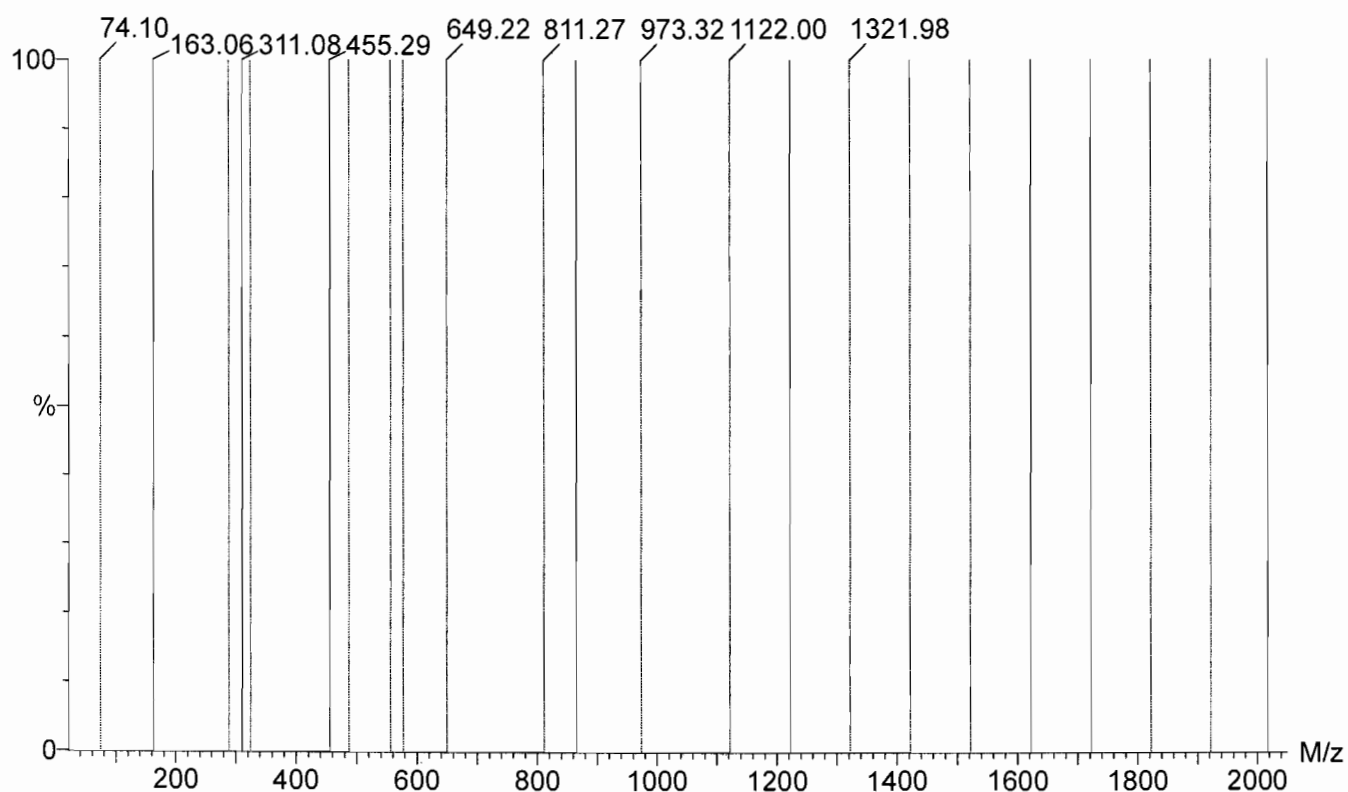
Data file: FASTMS1V - Calibrated

22 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

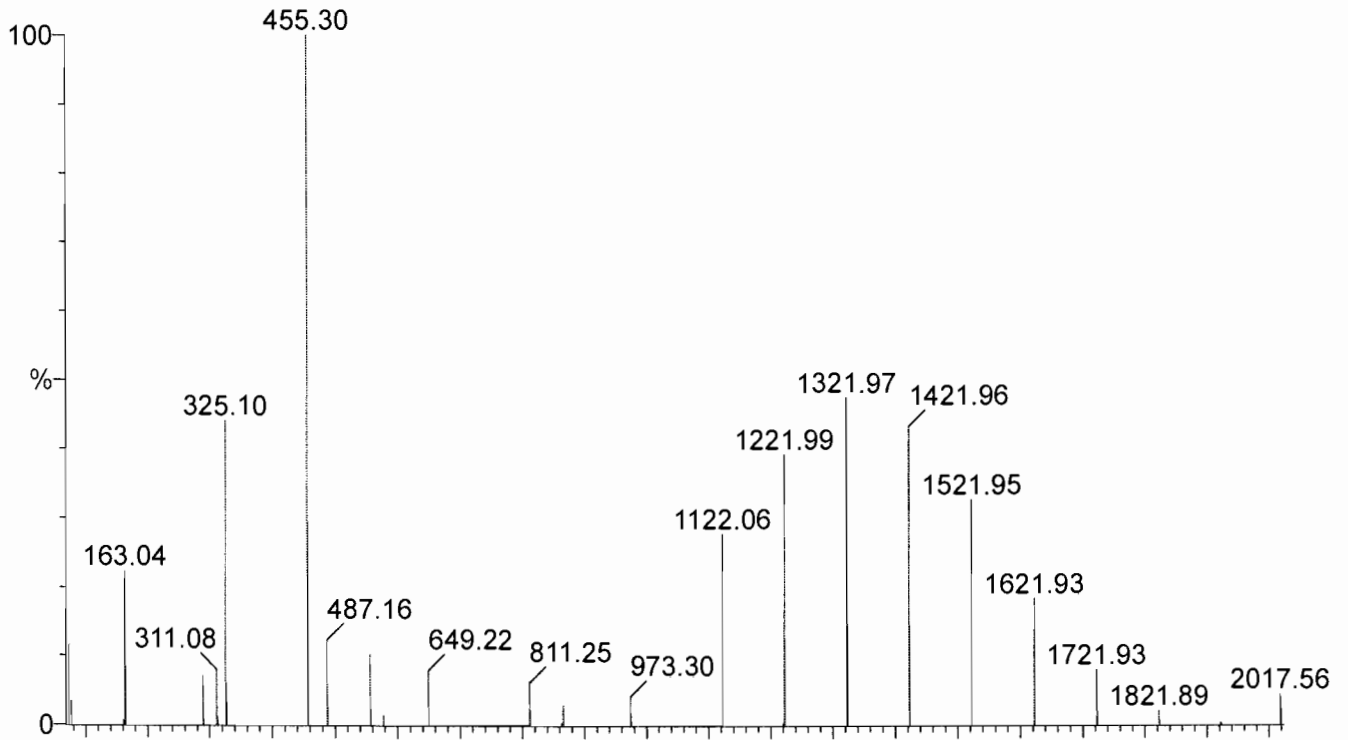
Mean residual = 0.0552 amu



Printed: Sun Aug 26 13:16:47 2018

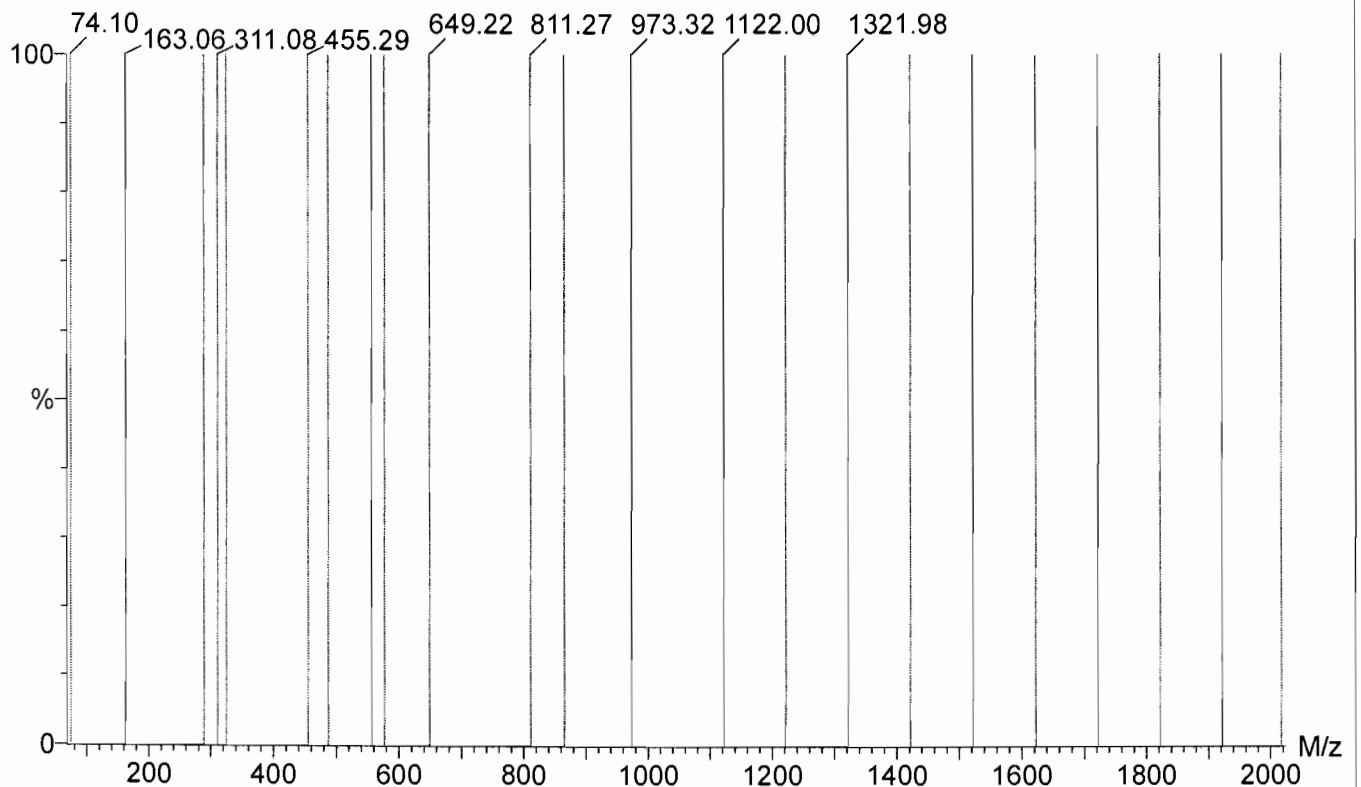
Data file: STATMS2V - Calibrated

22 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

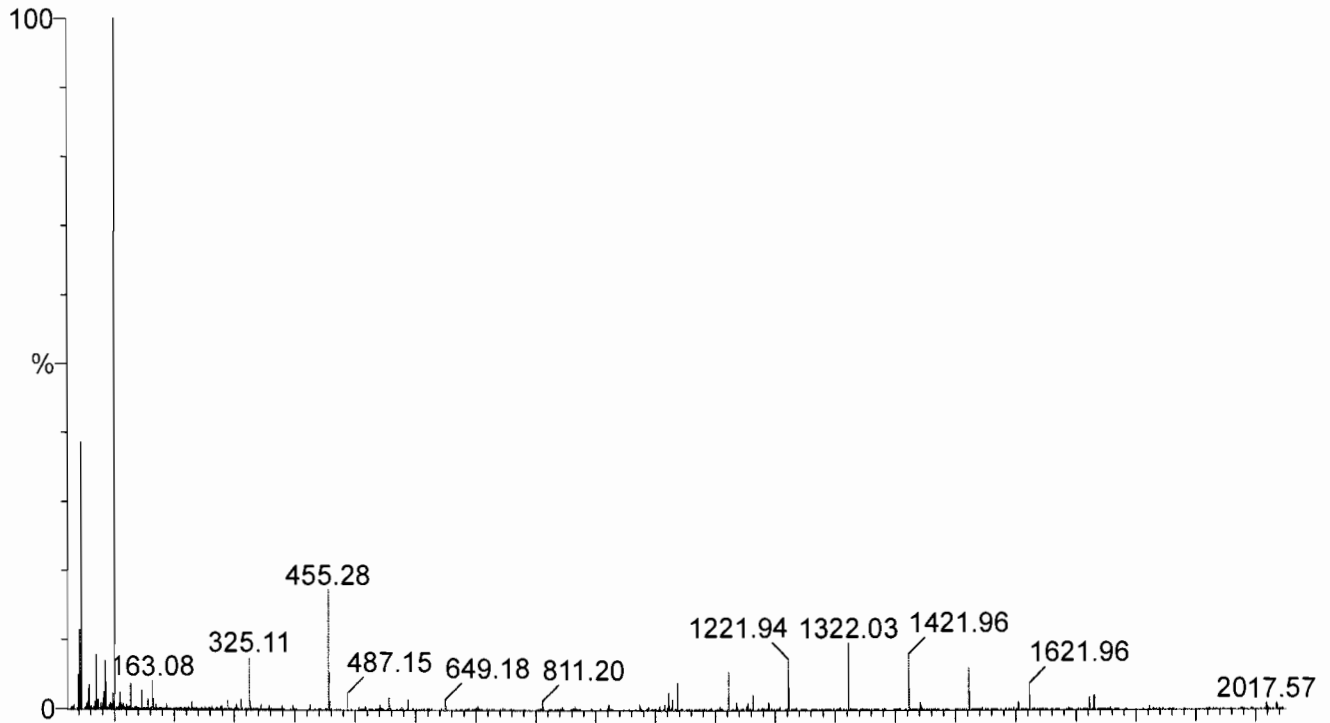
Mean residual = 0.0237 amu



Printed: Sun Aug 26 13:17:56 2018

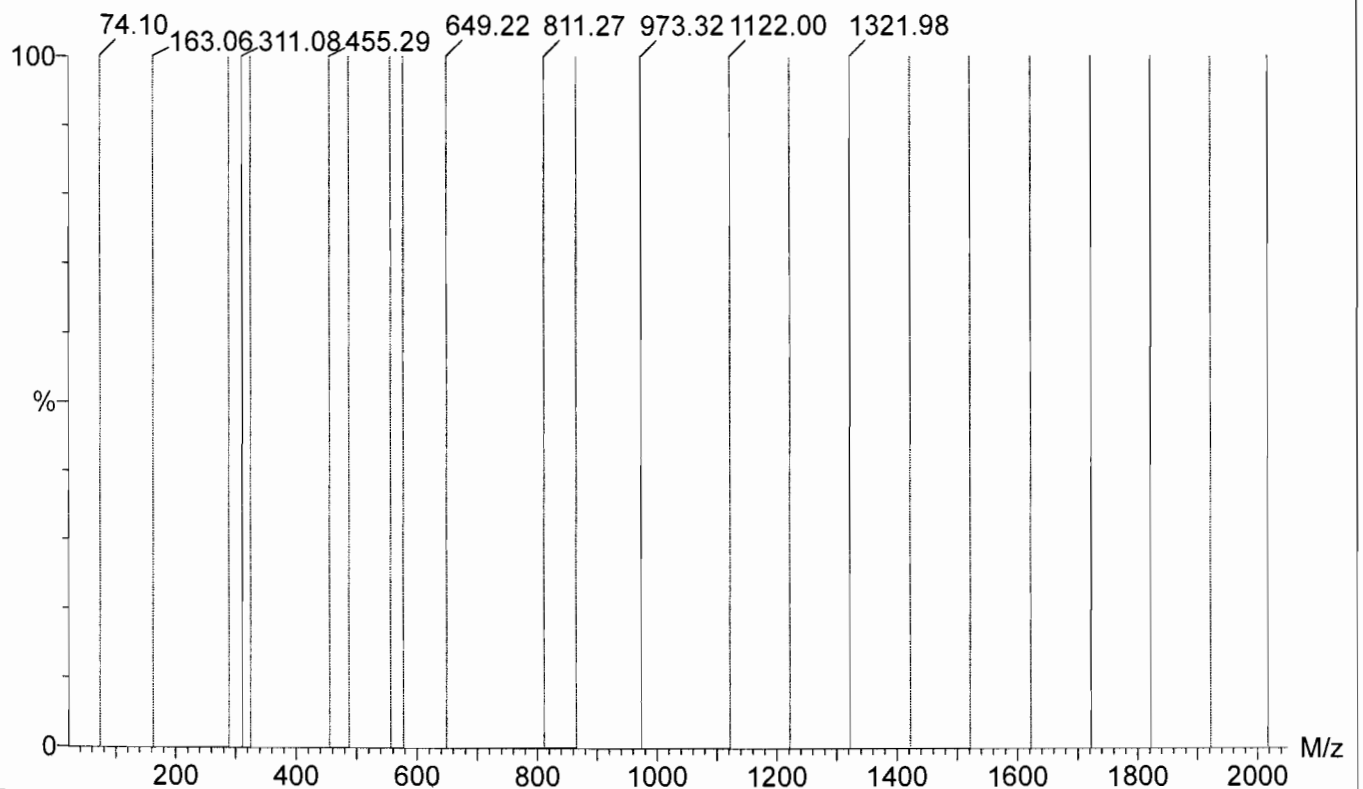
Data file: SCNMS2V - Calibrated

23 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

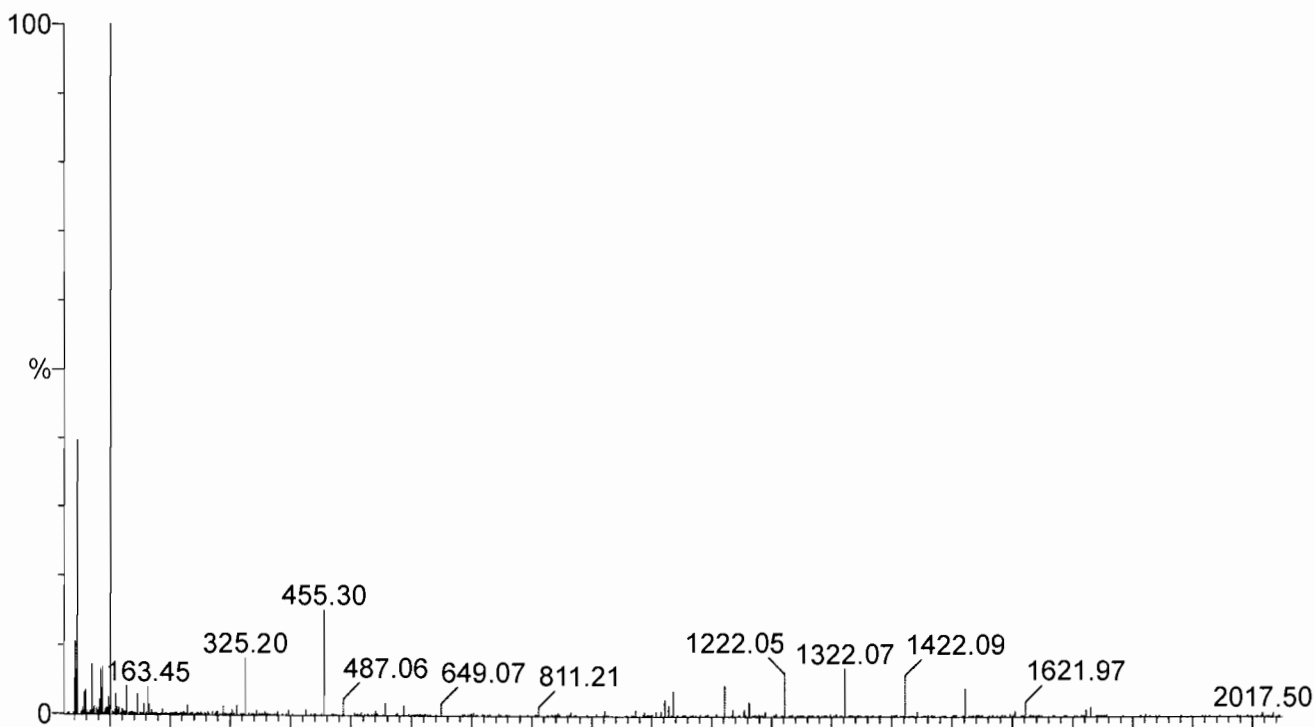
Mean residual = 0.042 amu



Printed: Sun Aug 26 13:19:22 2018

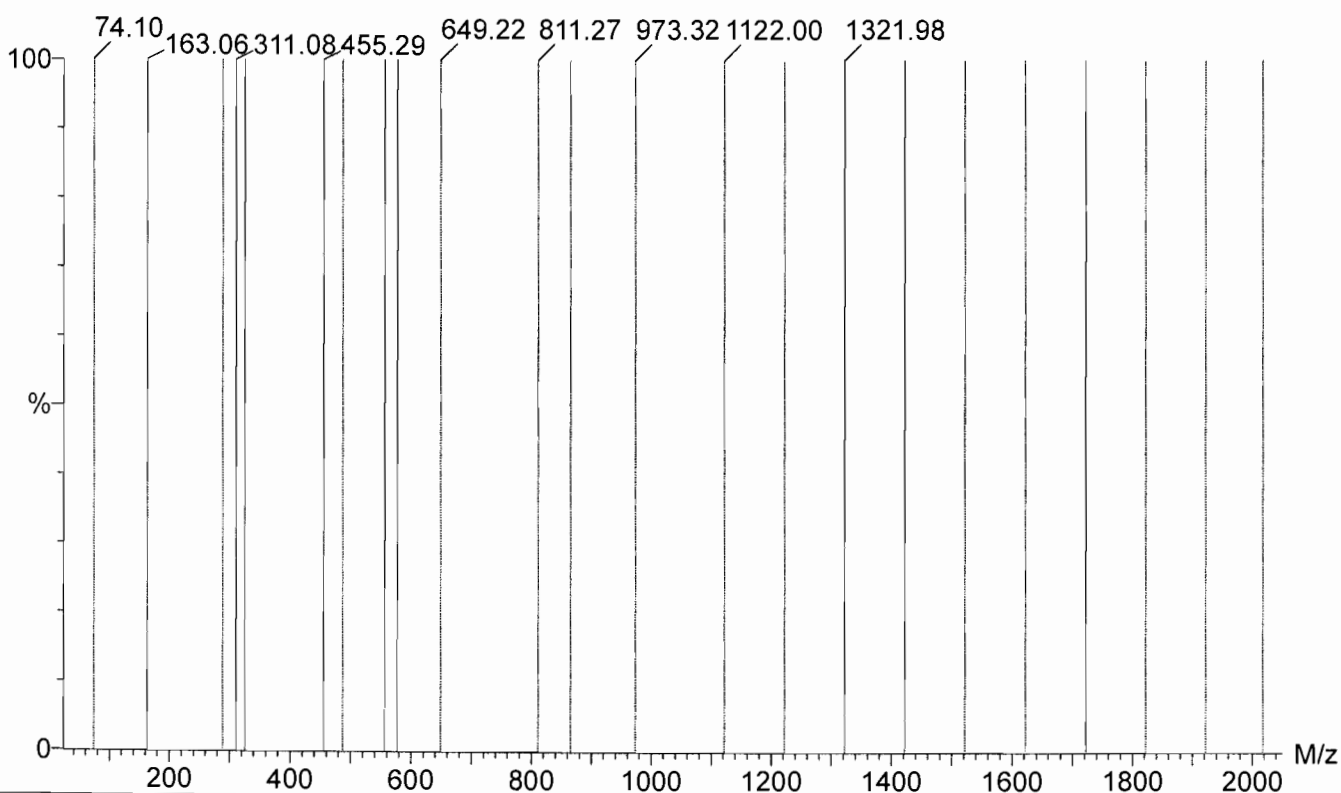
Data file: FASTMS2V - Calibrated

23 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.134 amu



Tune Check 09-12-18

20180912

XEVO-TQSmicro Resolution Optimisation

Reference File Used	C:\MassLynx\Ref\ESI Positive Resolution TQ ResCal.ref , C:\MassLynx\Ref\ESI Negative Resolution TQ ResCal.ref
Tune File Used	C:\MassLynx\IntelliStart\Results\Quantitative\Resolution_20180912.ipr
Date of Optimisation	12-09-2018
Time of Optimisation	12 : 09 : 46 PM
Tolerance	+/- 0.300 Da

Date: Generated on Wed 12 Sep 2018 at 12:09

MS1 Optimisation

Scan Type : MS1 Scan

Target Peak Width : 1.0000 Da

Negative Ion Mode

Mass	Intensity	Peak Width	Result
179.0600	2.82e+007	1.0524	Pass
554.2600	2.26e+007	1.2225	Pass
1165.9800	1.03e+009	1.0885	Pass
1165.9800	1.03e+009	1.0885	Pass

Final Tune Page Settings

LM Resolution1 : 3.98

HM Resolution1 : 14.64

Ion Energy1 : 0.1

MS2 Optimisation

Scan Type : MS2 Scan

Target Peak Width : 0.7500 Da

Negative Ion Mode

Mass	Intensity	Peak Width	Result
179.0600	1.02e+007	0.7859	Pass
554.2600	8.98e+006	0.8216	Pass
1165.9800	2.64e+008	0.7966	Pass
1165.9800	2.64e+008	0.7966	Pass

Final Tune Page Settings

LM Resolution2 : 10.75

HM Resolution2 : 15.18

Ion Energy2 : 1.4

Resolution Optimisation Check : PASS

XEVO-TQSmicro Resolution Optimisation

Reference File Used	C:\MassLynx\Ref\ESI Positive Resolution TQ ResCal.ref , C:\MassLynx\Ref\ESI Negative Resolution TQ ResCal.ref
Tune File Used	C:\MassLynx\IntelliStart\Results\Quantitative\Resolution_20180912.ipr
Date of Optimisation	12-09-2018
Time of Optimisation	12 : 01 : 07 PM
Tolerance	+/- 0.300 Da

Date: Generated on Wed 12 Sep 2018 at 12:01

MS1 Optimisation

Scan Type : MS1 Scan

Target Peak Width : 1.0000 Da

Positive Ion Mode

Mass	Intensity	Peak Width	Result
74.1000	1.66e+008	0.7838	Pass
487.1700	8.95e+008	1.0150	Pass
1021.9500	6.91e+008	1.0824	Pass
1121.9000	1.53e+009	1.0964	Pass

Final Tune Page Settings

LM Resolution1 : 6.91

HM Resolution1 : 14.42

Ion Energy1 : -0.5

MS2 Optimisation

Scan Type : MS2 Scan

Target Peak Width : 0.7500 Da

Positive Ion Mode

Mass	Intensity	Peak Width	Result
74.1000	6.86e+007	0.7332	Pass
487.1700	2.20e+008	0.7785	Pass
1021.9500	1.65e+008	0.7794	Pass
1121.9000	3.41e+008	0.7917	Pass

Final Tune Page Settings

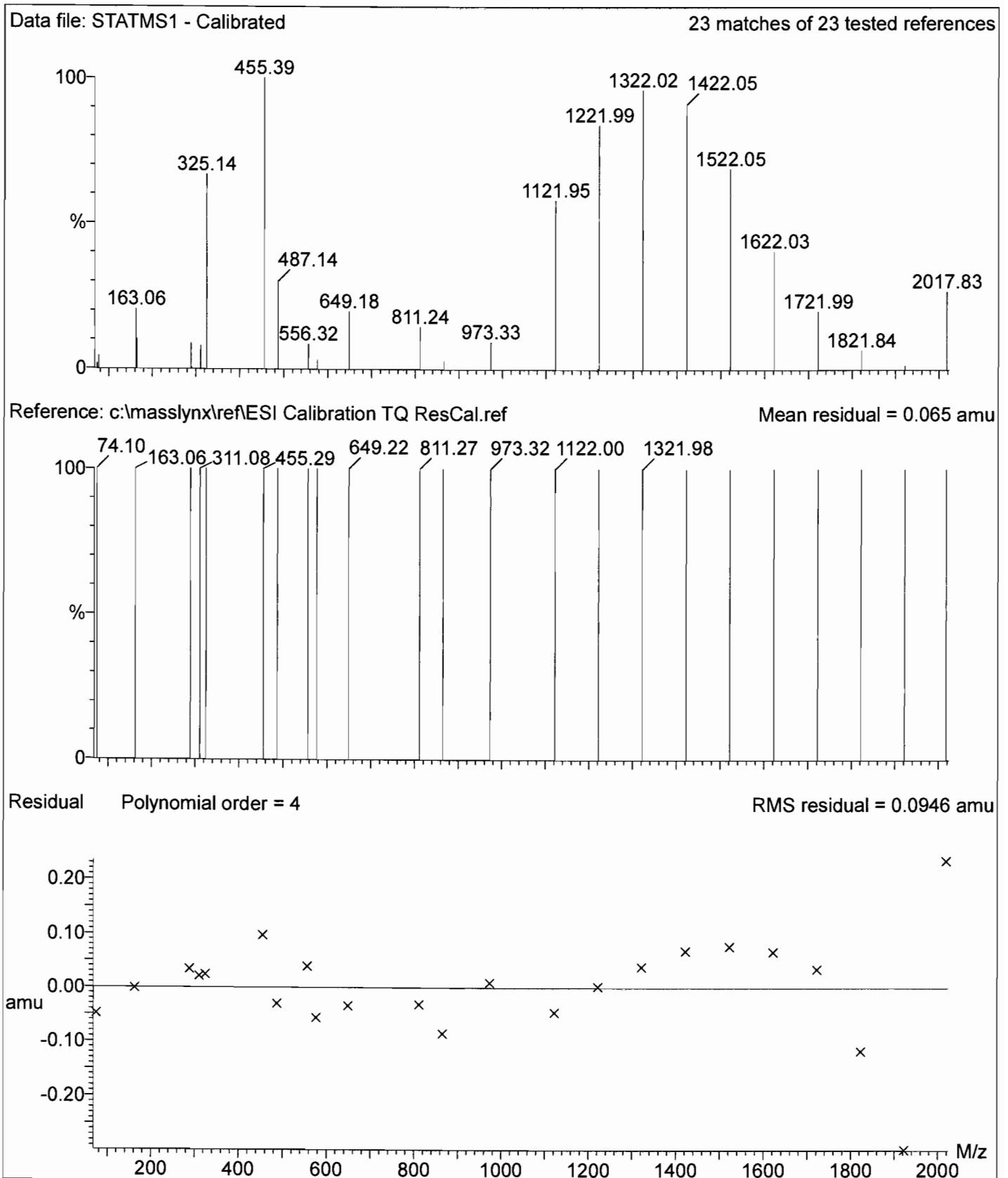
LM Resolution2 : 12.81

HM Resolution2 : 15.03

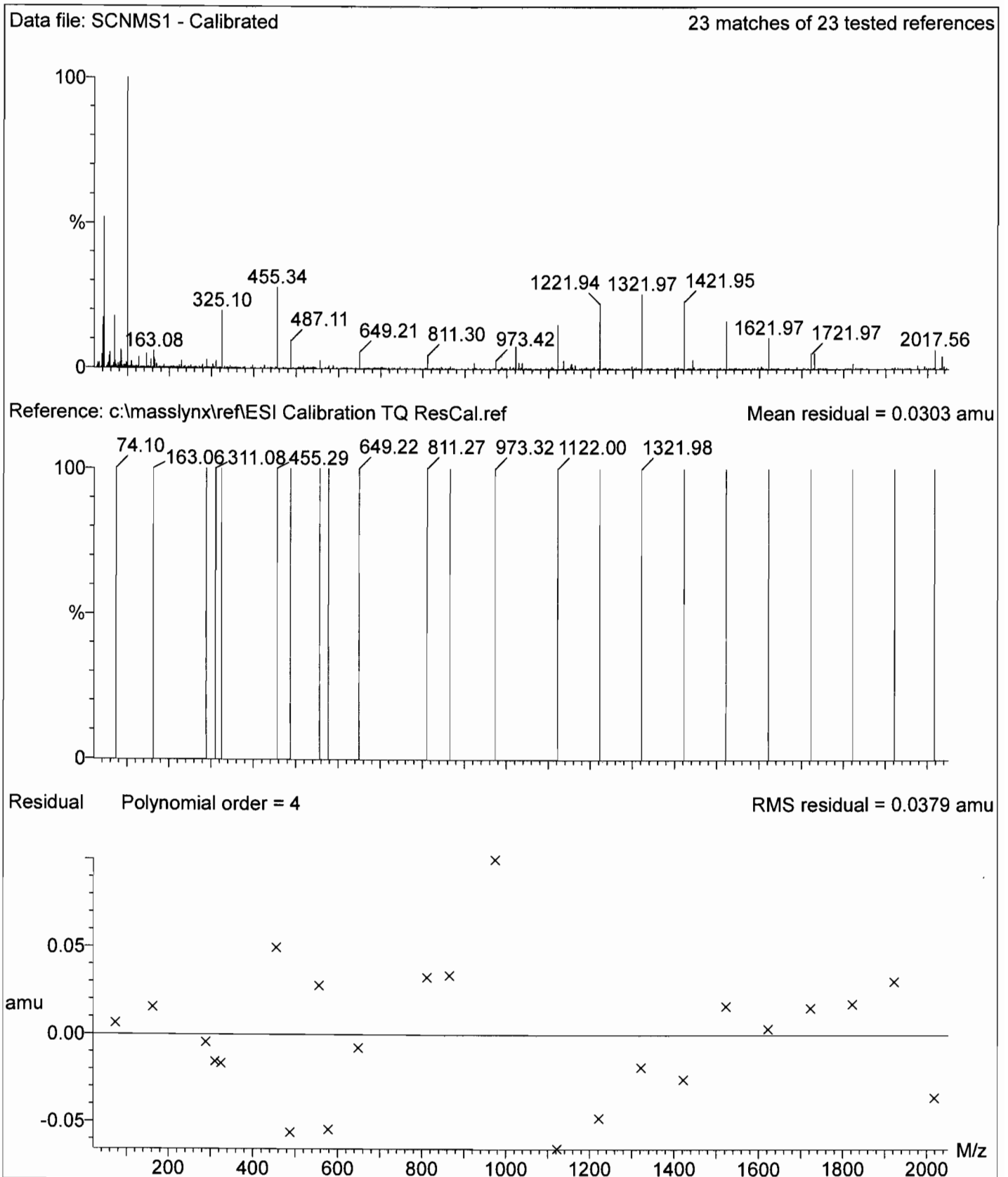
Ion Energy2 : 0.6

Resolution Optimisation Check : PASS

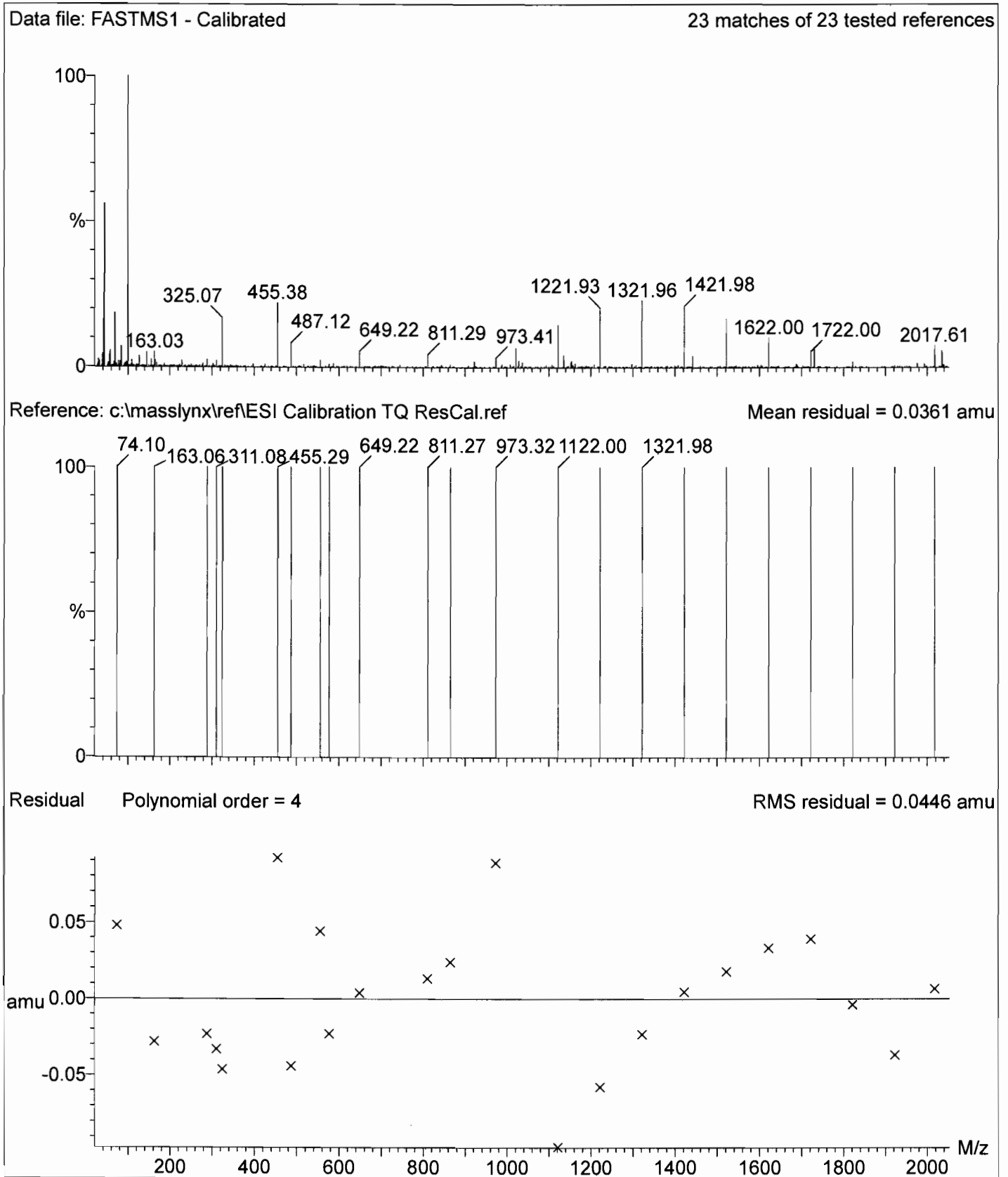
Printed: Wed Sep 12 12:11:00 2018



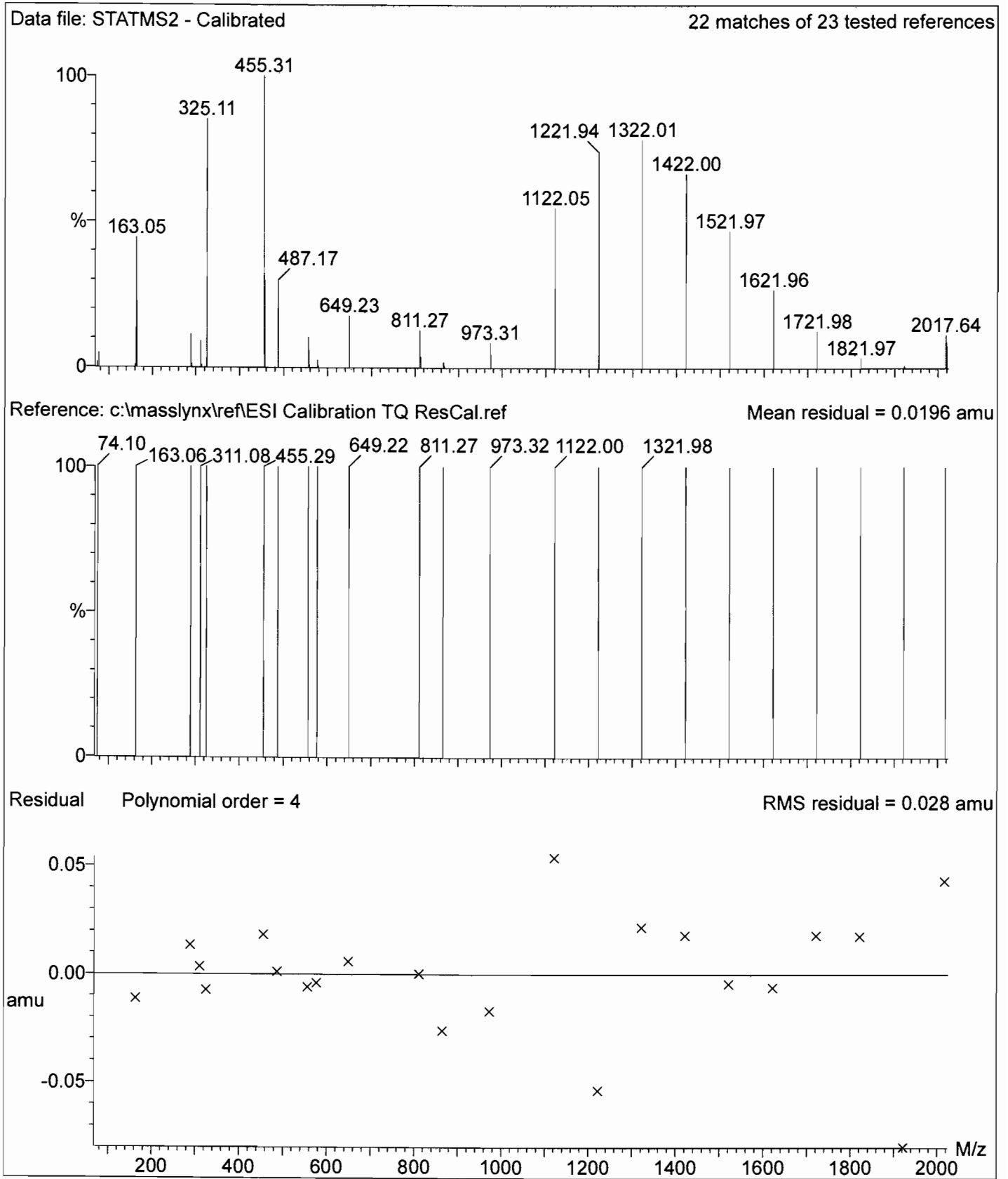
Printed: Wed Sep 12 12:12:09 2018



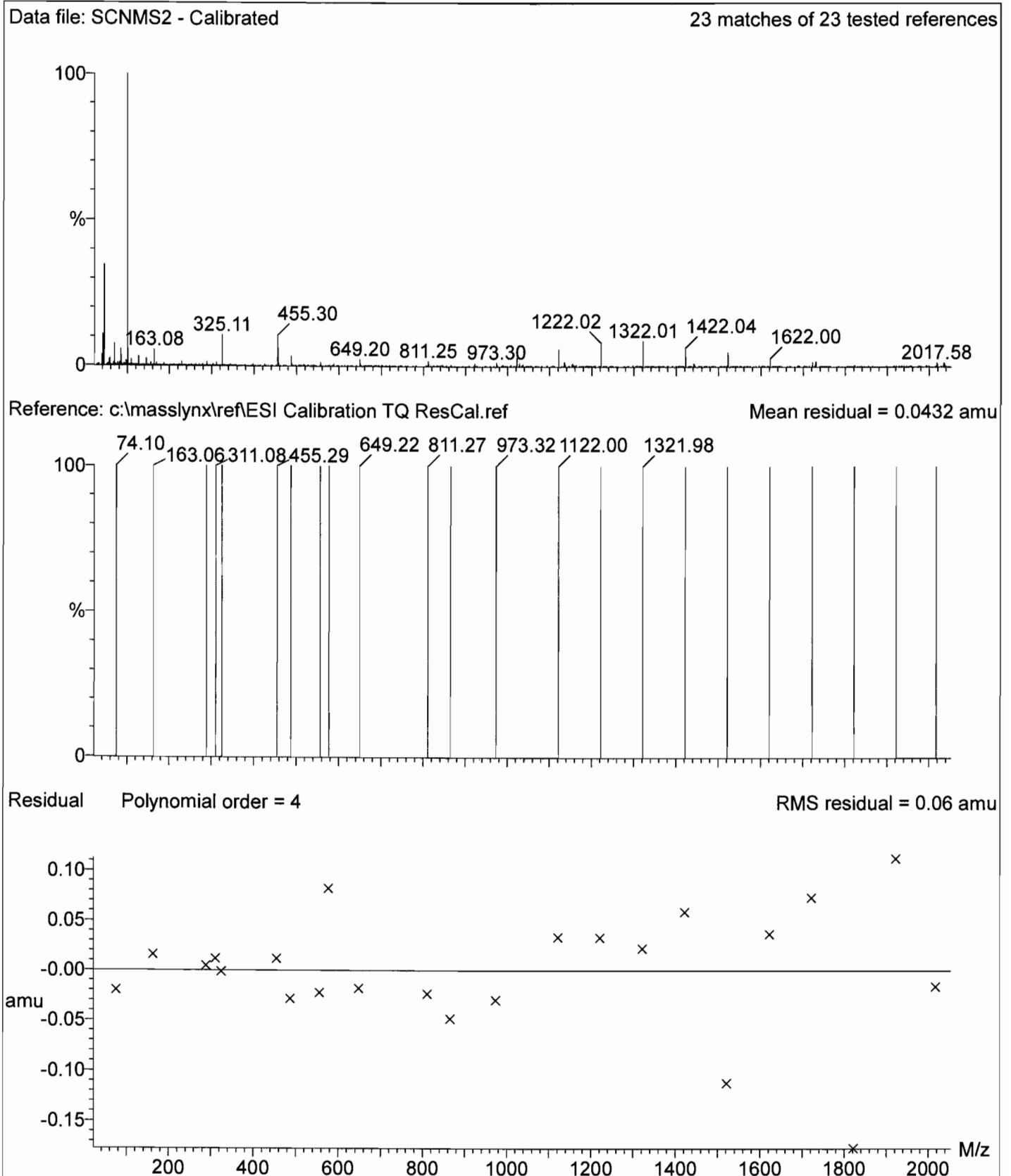
Printed: Wed Sep 12 12:13:20 2018



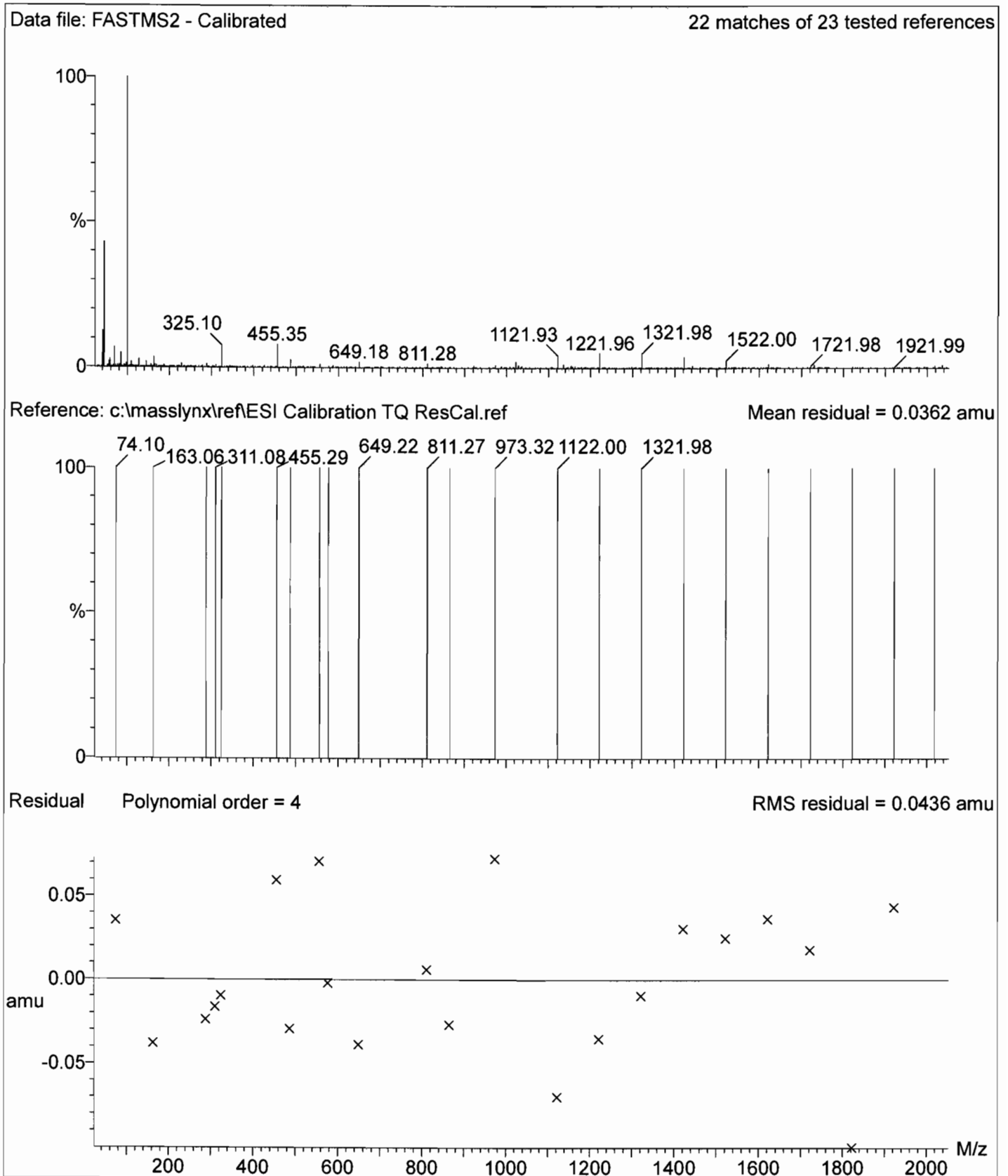
Printed: Wed Sep 12 12:14:28 2018



Printed: Wed Sep 12 12:15:37 2018



Printed: Wed Sep 12 12:17:02 2018



Tune check 09-13-18

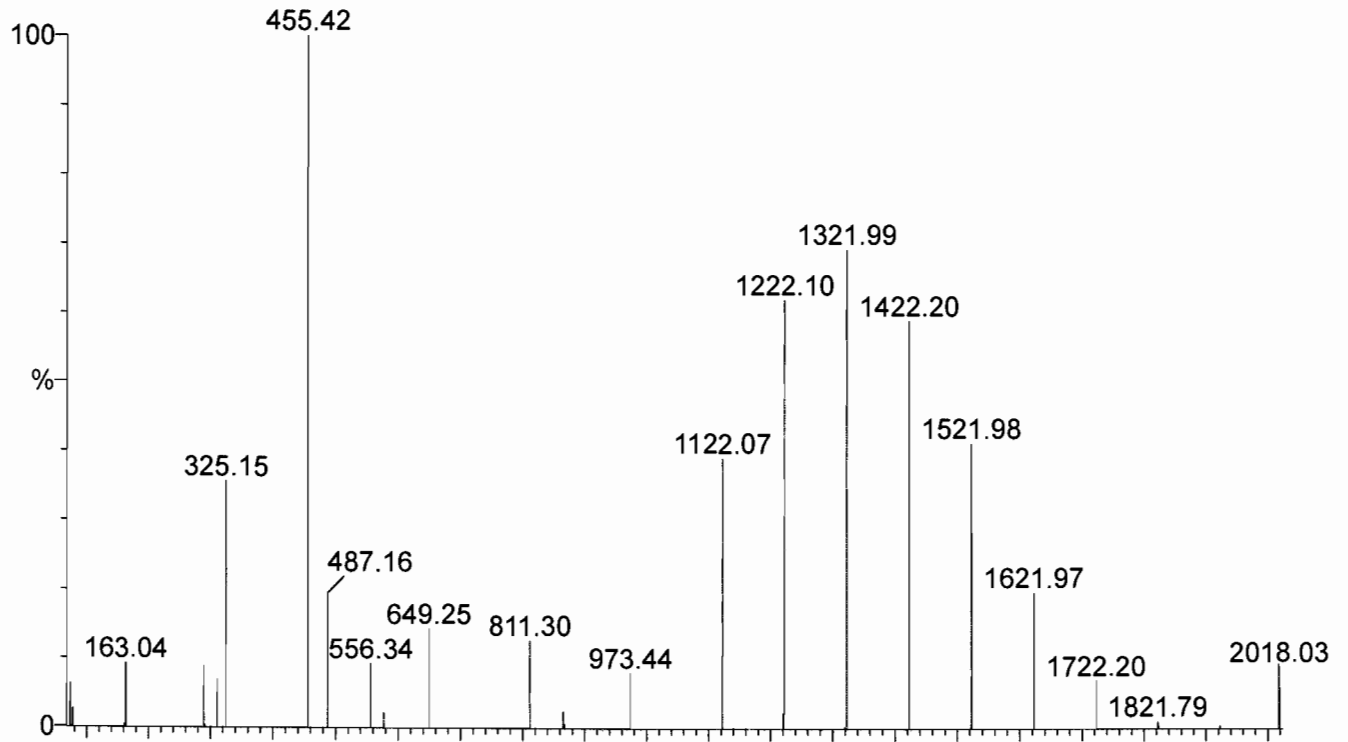
Calibration Verification Report - MS1 Static

20180912

Printed: Thu Sep 13 09:05:24 2018

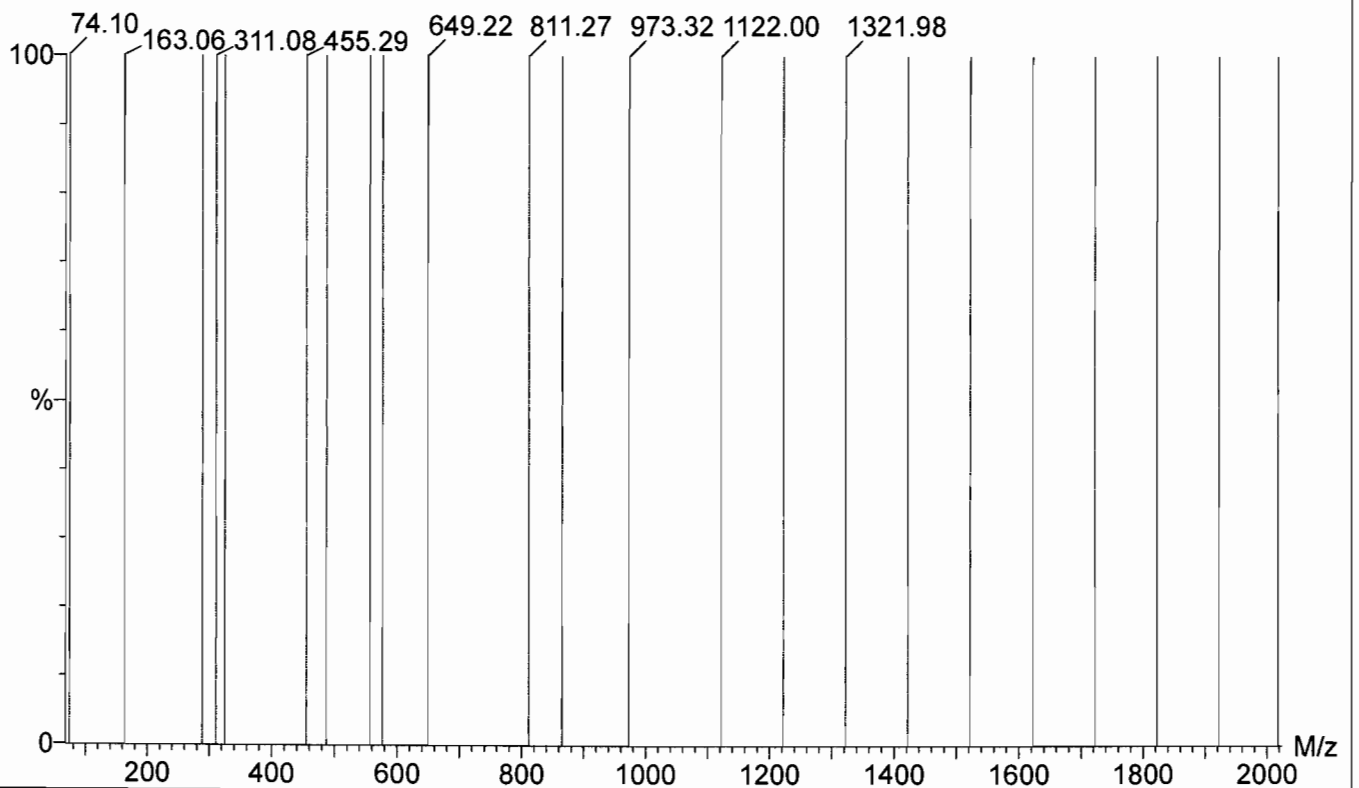
Data file: STATMS1V - Calibrated

23 matches of 23 tested references



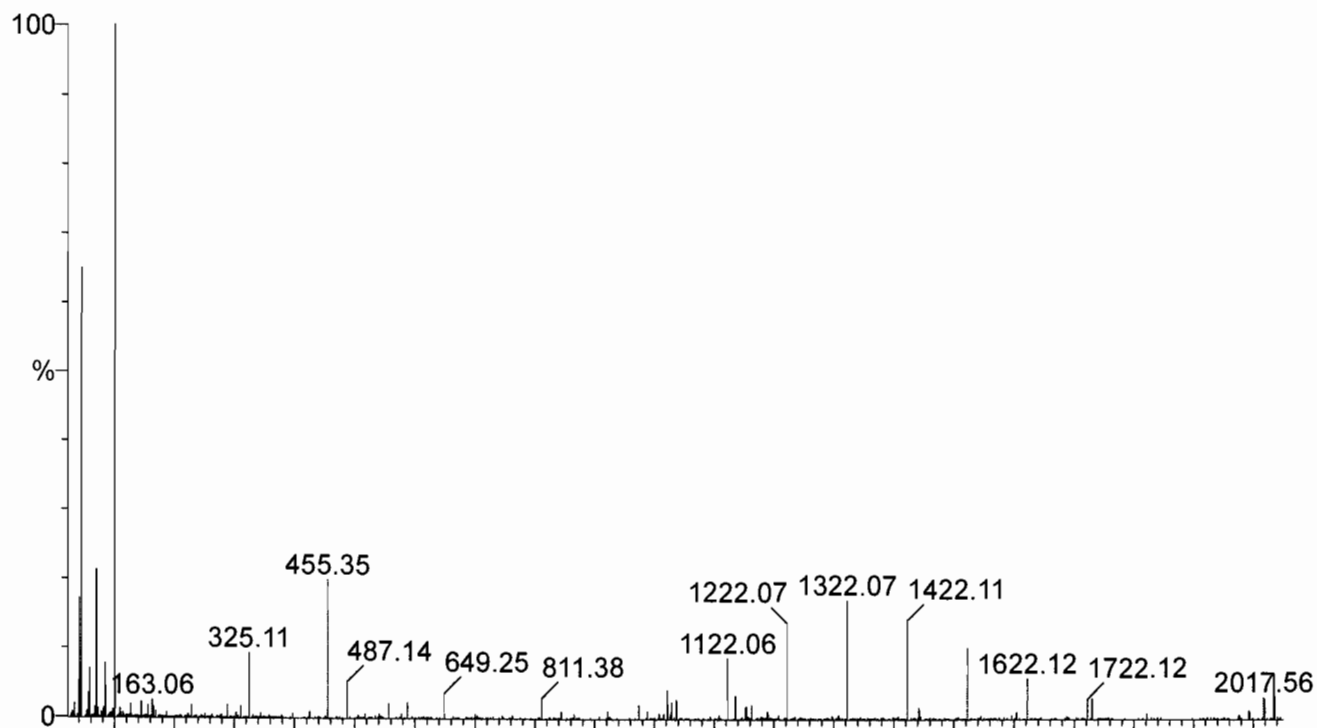
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.124 amu

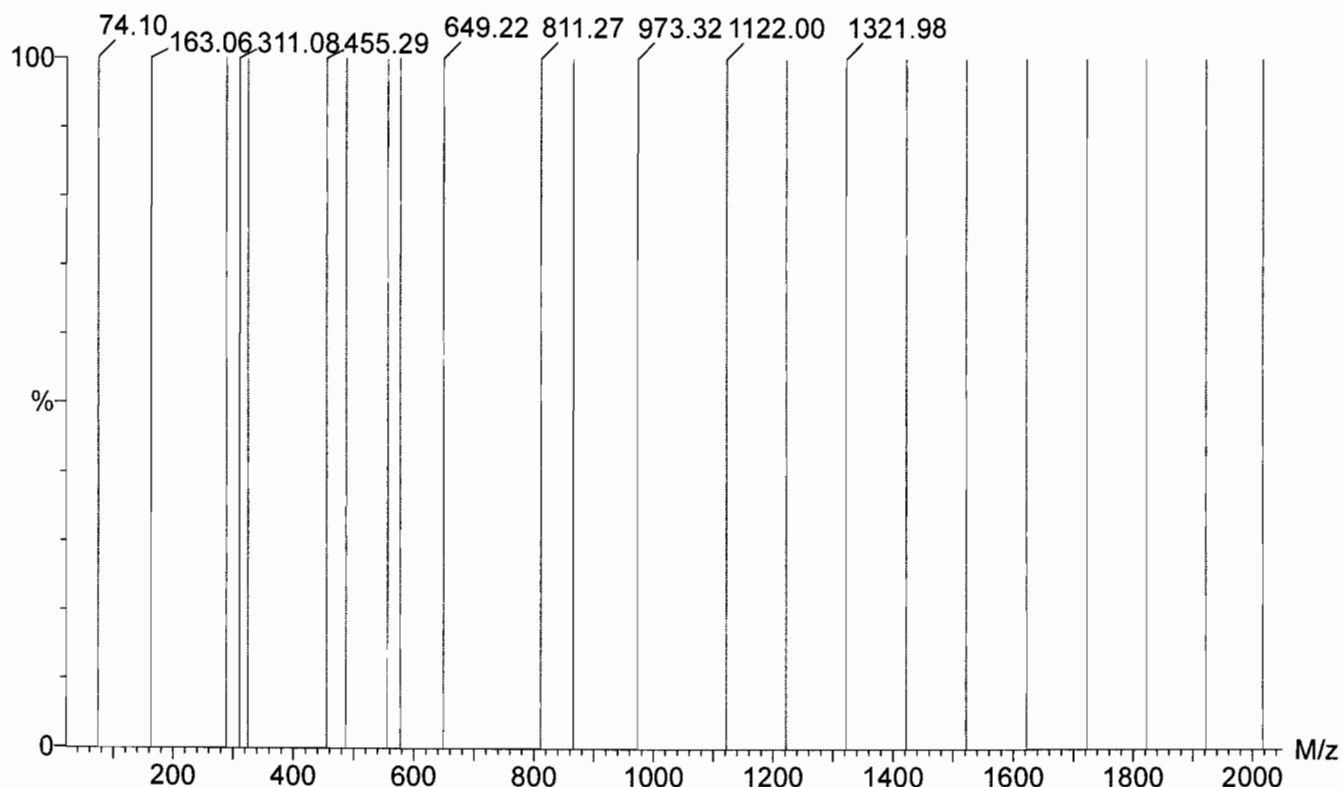


Printed: Thu Sep 13 09:06:32 2018

Data file: SCNMS1V - Calibrated 23 matches of 23 tested references

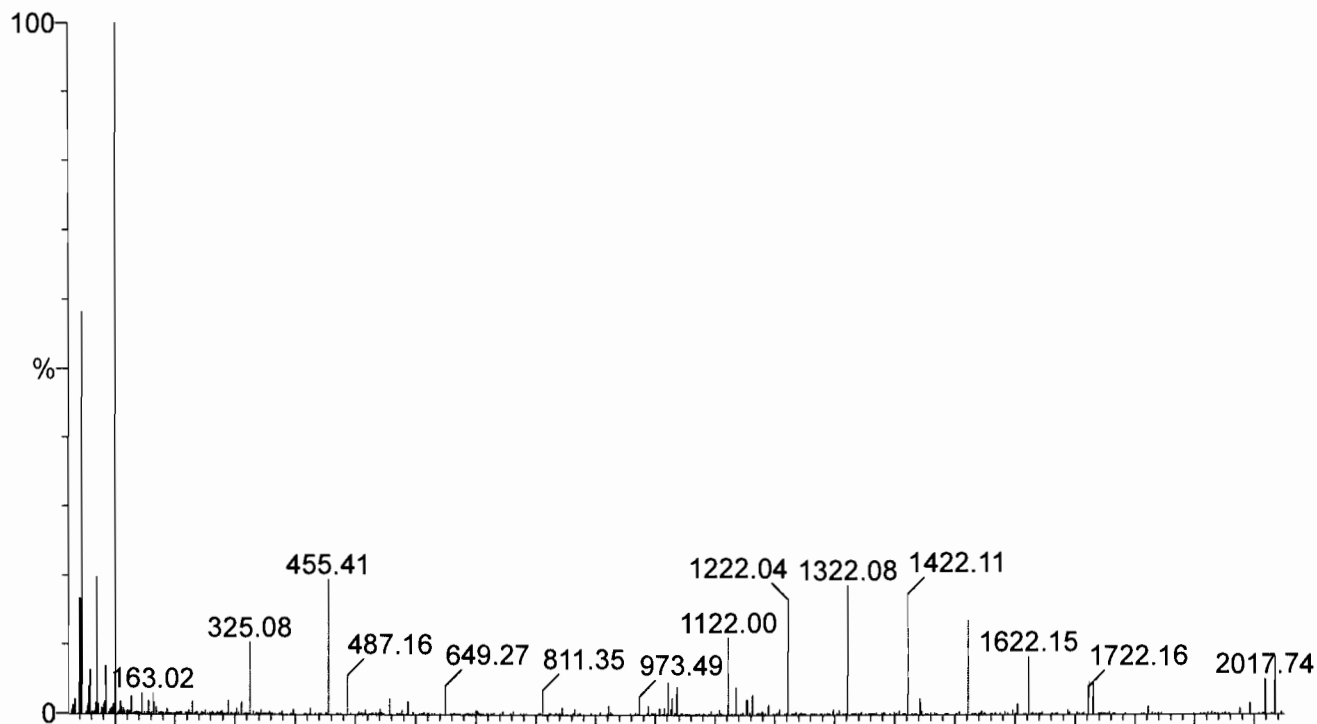


Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.0658 amu



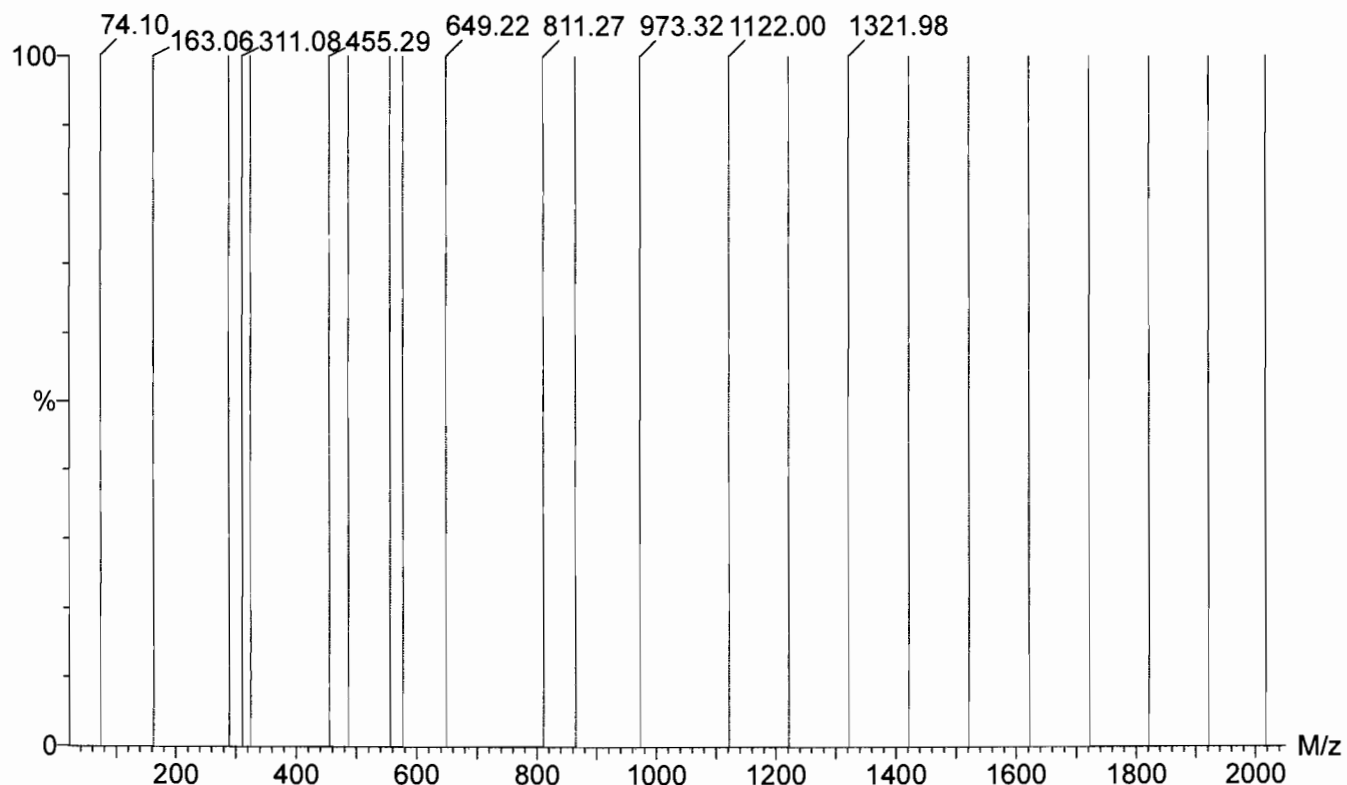
Printed: Thu Sep 13 09:07:43 2018

Data file: FASTMS1V - Calibrated 22 matches of 23 tested references

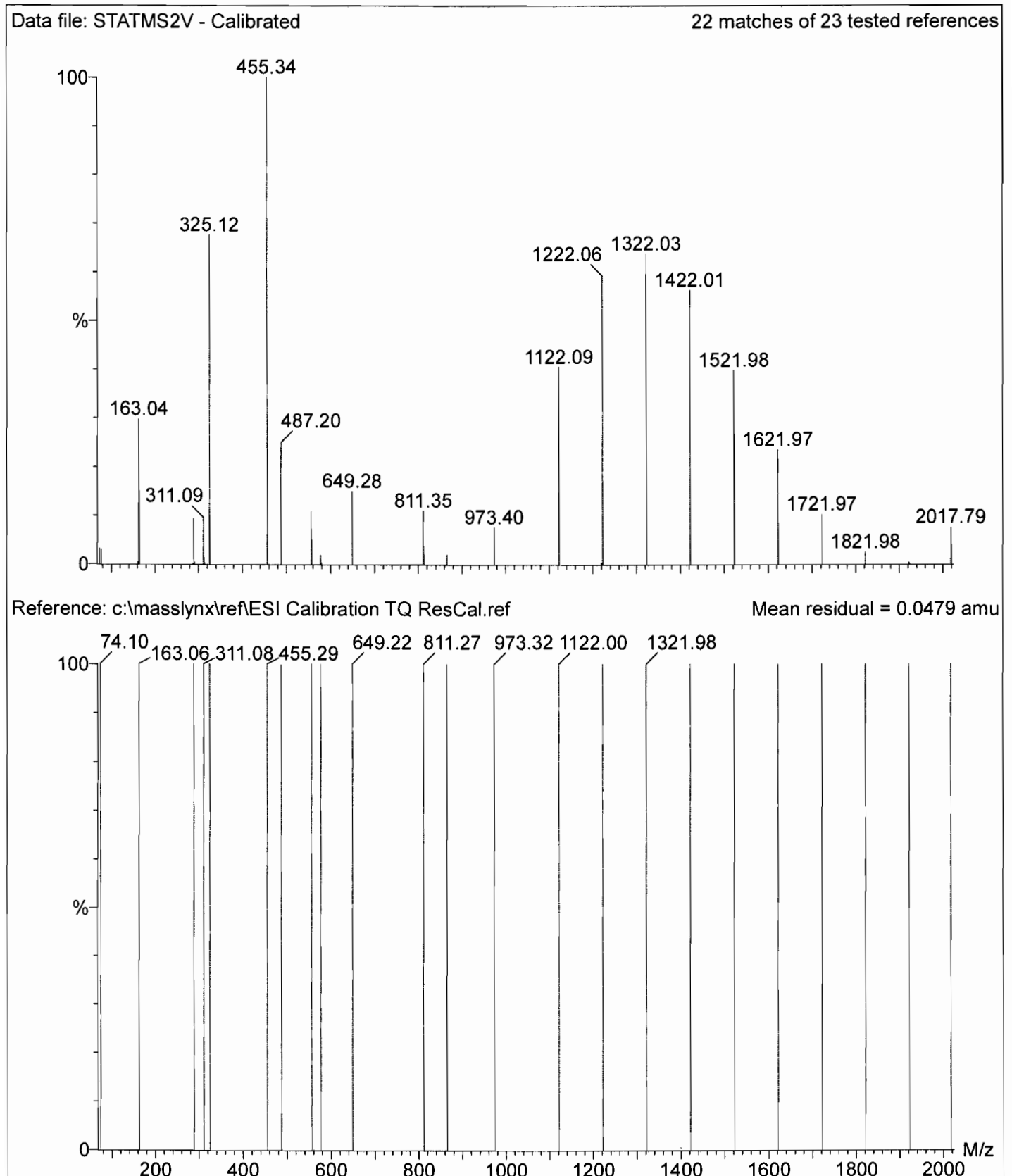


Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0948 amu

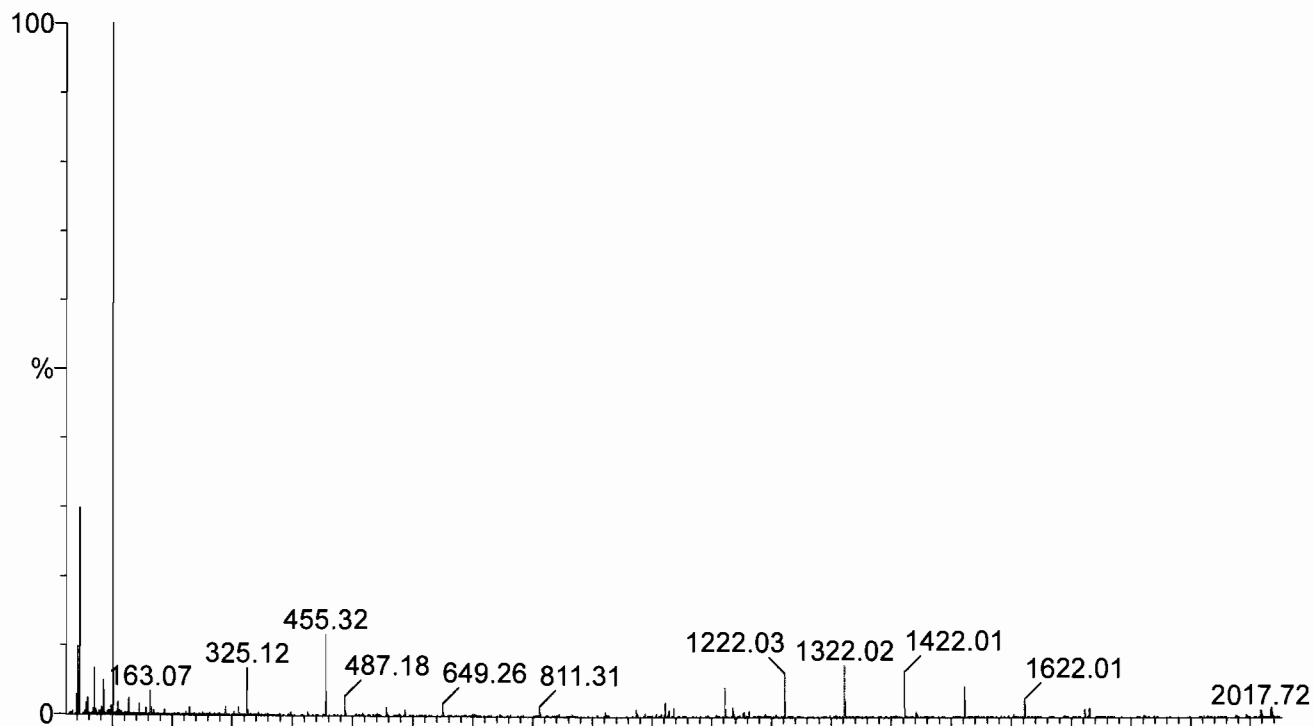


Printed: Thu Sep 13 09:08:52 2018

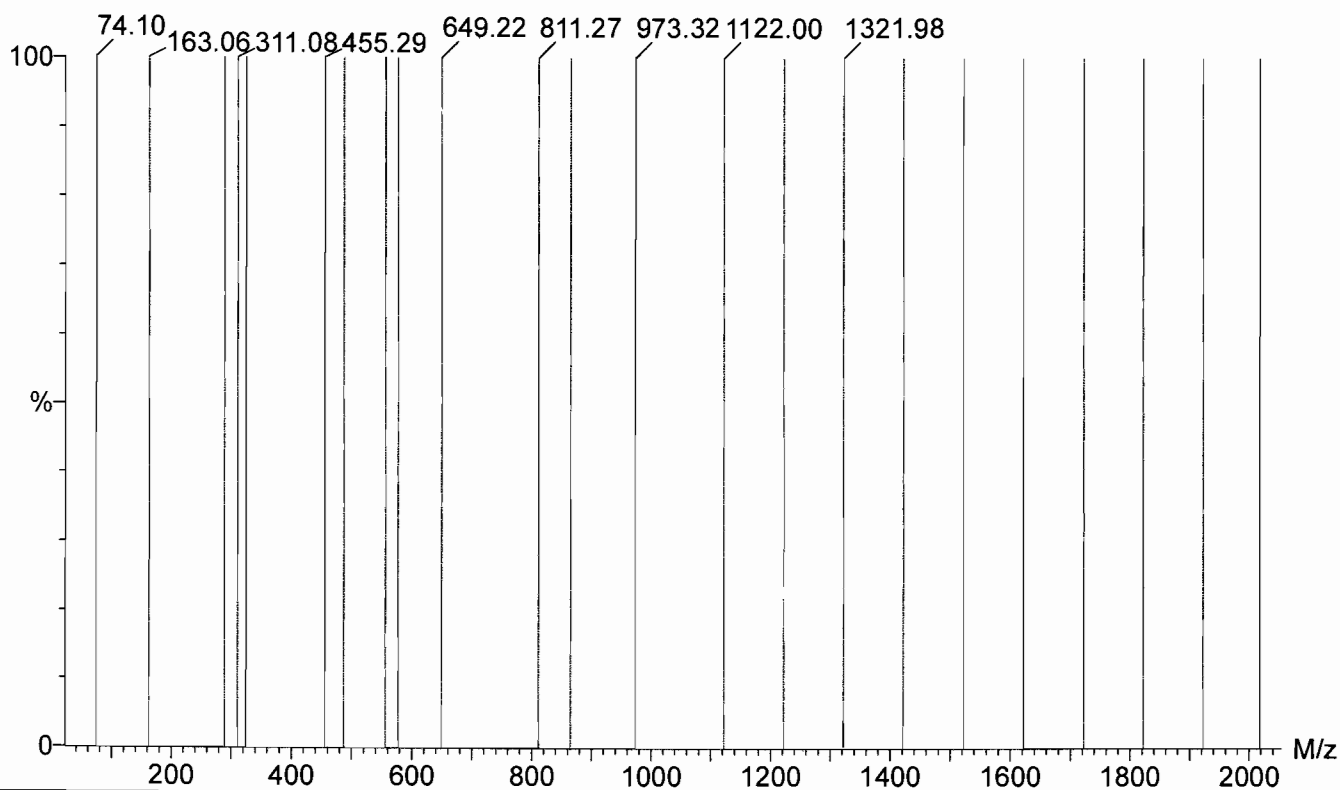


Printed: Thu Sep 13 09:10:00 2018

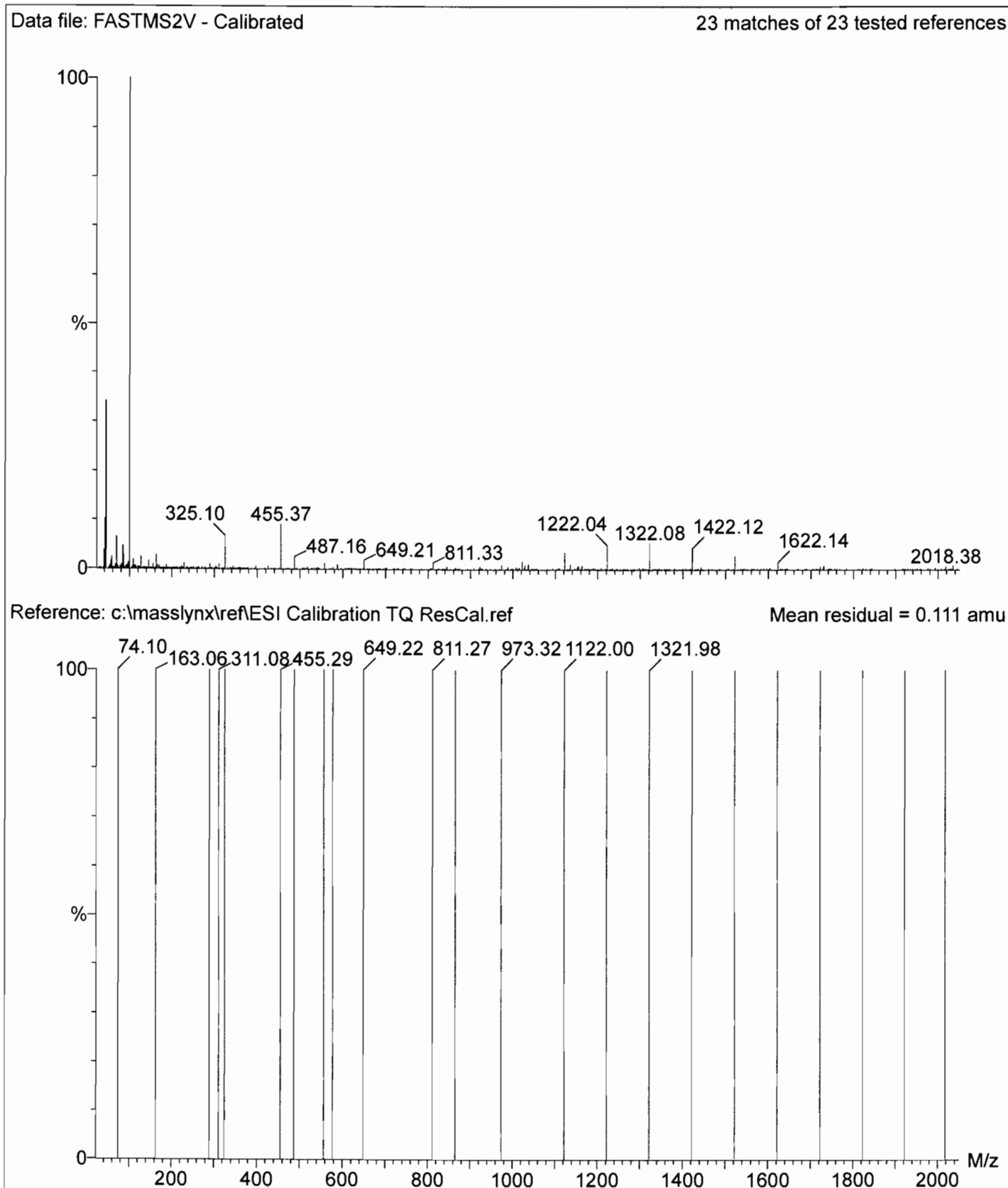
Data file: SCNMS2V - Calibrated 23 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.0346 amu



Printed: Thu Sep 13 09:11:26 2018



"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","375-22-4","PFBA","2.52","ng/L","UU","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","2706-90-3","PFPeA","15.0","ng/L","","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","375-73-5","PFBS","2.52","ng/L","UU","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","307-24-4","PFHxA","14.2","ng/L","","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","375-85-9","PFHpA","5.83","ng/L","","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","355-46-4","PFHxS","1.79","ng/L","J","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","27619-97-2","6:2 FTS","2.52","ng/L","UU","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","335-67-1","PFOA","24.2","ng/L","","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","375-92-8","PFHpS","2.52","ng/L","UU","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","375-95-1","PFNA","192","ng/L","","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","754-91-6","PFOSA","2.52","ng/L","UU","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","1763-23-1","PFOS","12.8","ng/L","","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","335-76-2","PFDA","84.6","ng/L","","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","39108-34-4","8:2 FTS","5.96","ng/L","","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","2355-31-9","MeFOSAA","2.52","ng/L","UU","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","2991-50-6","EtFOSAA","2.52","ng/L","UU","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","2058-94-8","PFUnA","1710","ng/L","","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","335-77-3","PFDS","2.52","ng/L","UU","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","307-55-1","PFDoA","2.38","ng/L","J","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","72629-94-8","PFTTrDA","4.08","ng/L","","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","376-06-7","PFTeDA","2.52","ng/L","UU","1.38","LOD","","TRG","","","4.03","LOQ","YES","-99","","","0.248","0.001","2.52",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","13C3-PFBA","13C3-PFBA","96.1","%R","","-99","NA","","IS","96.1","","-99","NA","YES","100","","","0.248","0.001","-99",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","13C3-PFPeA","13C3-PFPeA","88.8","%R","","-99","NA","","IS","88.8","","-99","NA","YES","100","","","0.248","0.001","-99",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","13C3-PFBS","13C3-PFBS","105","%R","","-99","NA","","IS","105","","-99","NA","YES","100","","","0.248","0.001","-99",""
"FC-MW025R1-20180726","Modified EPA 537","Initial","1802094-01","Vista","13C2-PFHxA","13C2-

PFHxA", "95.9", "%R", "", "-99", "NA", "", "IS", "95.9", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"FC-MW025R1-20180726", "Modified EPA 537", "Initial", "1802094-01", "Vista", "13C4-PFHpA", "13C4-
PFHpA", "95.8", "%R", "", "-99", "NA", "", "IS", "95.8", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"FC-MW025R1-20180726", "Modified EPA 537", "Initial", "1802094-01", "Vista", "18O2-PFHxS", "18O2-
PFHxS", "91.4", "%R", "", "-99", "NA", "", "IS", "91.4", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"FC-MW025R1-20180726", "Modified EPA 537", "Initial", "1802094-01", "Vista", "13C2-PFOA", "13C2-
PFOA", "83.6", "%R", "", "-99", "NA", "", "IS", "83.6", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"FC-MW025R1-20180726", "Modified EPA 537", "Initial", "1802094-01", "Vista", "13C5-PFNA", "13C5-
PFNA", "77.3", "%R", "", "-99", "NA", "", "IS", "77.3", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"FC-MW025R1-20180726", "Modified EPA 537", "Initial", "1802094-01", "Vista", "13C8-PFOA", "13C8-
PFOA", "38.8", "%R", "H", "-99", "NA", "", "IS", "38.8", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"FC-MW025R1-20180726", "Modified EPA 537", "Initial", "1802094-01", "Vista", "13C8-PFOS", "13C8-
PFOS", "72.3", "%R", "", "-99", "NA", "", "IS", "72.3", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"FC-MW025R1-20180726", "Modified EPA 537", "Initial", "1802094-01", "Vista", "13C2-PFDA", "13C2-
PFDA", "63.6", "%R", "", "-99", "NA", "", "IS", "63.6", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"FC-MW025R1-20180726", "Modified EPA 537", "Initial", "1802094-01", "Vista", "d3-MeFOSAA", "d3-
MeFOSAA", "62.4", "%R", "", "-99", "NA", "", "IS", "62.4", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"FC-MW025R1-20180726", "Modified EPA 537", "Initial", "1802094-01", "Vista", "d5-EtFOSAA", "d5-
EtFOSAA", "61.1", "%R", "", "-99", "NA", "", "IS", "61.1", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"FC-MW025R1-20180726", "Modified EPA 537", "Initial", "1802094-01", "Vista", "13C2-PFUnA", "13C2-
PFUnA", "60.4", "%R", "", "-99", "NA", "", "IS", "60.4", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"FC-MW025R1-20180726", "Modified EPA 537", "Initial", "1802094-01", "Vista", "13C2-PFDoA", "13C2-
PFDoA", "62.8", "%R", "", "-99", "NA", "", "IS", "62.8", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"FC-MW025R1-20180726", "Modified EPA 537", "Initial", "1802094-01", "Vista", "13C2-PFTeDA", "13C2-
PFTeDA", "94.1", "%R", "", "-99", "NA", "", "IS", "94.1", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ163I-20180726", "Modified EPA 537", "Initial", "1802094-02", "Vista", "375-22-
4", "PFBA", "2.57", "ng/L", "UU", "1.41", "LOD", "", "TRG", "", "", "4.11", "LOQ", "YES", "-99", "", "0.243", "0.001", "2.57", ""
"SA-PZ163I-20180726", "Modified EPA 537", "Initial", "1802094-02", "Vista", "2706-90-
3", "PFPeA", "9.62", "ng/L", "", "1.41", "LOD", "", "TRG", "", "", "4.11", "LOQ", "YES", "-99", "", "0.243", "0.001", "2.57", ""
"SA-PZ163I-20180726", "Modified EPA 537", "Initial", "1802094-02", "Vista", "375-73-
5", "PFBS", "2.57", "ng/L", "UU", "1.41", "LOD", "", "TRG", "", "", "4.11", "LOQ", "YES", "-99", "", "0.243", "0.001", "2.57", ""
"SA-PZ163I-20180726", "Modified EPA 537", "Initial", "1802094-02", "Vista", "307-24-
4", "PFHxA", "8.98", "ng/L", "", "1.41", "LOD", "", "TRG", "", "", "4.11", "LOQ", "YES", "-99", "", "0.243", "0.001", "2.57", ""
"SA-PZ163I-20180726", "Modified EPA 537", "Initial", "1802094-02", "Vista", "375-85-
9", "PFHpA", "14.6", "ng/L", "", "1.41", "LOD", "", "TRG", "", "", "4.11", "LOQ", "YES", "-99", "", "0.243", "0.001", "2.57", ""
"SA-PZ163I-20180726", "Modified EPA 537", "Initial", "1802094-02", "Vista", "355-46-
4", "PFHxS", "2.57", "ng/L", "UU", "1.41", "LOD", "", "TRG", "", "", "4.11", "LOQ", "YES", "-99", "", "0.243", "0.001", "2.57", ""
"SA-PZ163I-20180726", "Modified EPA 537", "Initial", "1802094-02", "Vista", "27619-97-2", "6:2
FTS", "4.38", "ng/L", "", "1.41", "LOD", "", "TRG", "", "", "4.11", "LOQ", "YES", "-99", "", "0.243", "0.001", "2.57", ""
"SA-PZ163I-20180726", "Modified EPA 537", "Initial", "1802094-02", "Vista", "335-67-
1", "PFOA", "25.8", "ng/L", "", "1.41", "LOD", "", "TRG", "", "", "4.11", "LOQ", "YES", "-99", "", "0.243", "0.001", "2.57", ""
"SA-PZ163I-20180726", "Modified EPA 537", "Initial", "1802094-02", "Vista", "375-92-
8", "PFHpS", "2.57", "ng/L", "UU", "1.41", "LOD", "", "TRG", "", "", "4.11", "LOQ", "YES", "-99", "", "0.243", "0.001", "2.57", ""
"SA-PZ163I-20180726", "Modified EPA 537", "Initial", "1802094-02", "Vista", "375-95-
1", "PFNA", "737", "ng/L", "", "1.41", "LOD", "", "TRG", "", "", "4.11", "LOQ", "YES", "-99", "", "0.243", "0.001", "2.57", ""
"SA-PZ163I-20180726", "Modified EPA 537", "Initial", "1802094-02", "Vista", "754-91-
6", "PFOA", "2.57", "ng/L", "UU", "1.41", "LOD", "", "TRG", "", "", "4.11", "LOQ", "YES", "-99", "", "0.243", "0.001", "2.57", ""
"SA-PZ163I-20180726", "Modified EPA 537", "Initial", "1802094-02", "Vista", "1763-23-
1", "PFOS", "3.49", "ng/L", "J", "1.41", "LOD", "", "TRG", "", "", "4.11", "LOQ", "YES", "-99", "", "0.243", "0.001", "2.57", ""
"SA-PZ163I-20180726", "Modified EPA 537", "Initial", "1802094-02", "Vista", "335-76-
2", "PFDA", "67.7", "ng/L", "", "1.41", "LOD", "", "TRG", "", "", "4.11", "LOQ", "YES", "-99", "", "0.243", "0.001", "2.57", ""
"SA-PZ163I-20180726", "Modified EPA 537", "Initial", "1802094-02", "Vista", "39108-34-4", "8:2
FTS", "2.73", "ng/L", "J", "1.41", "LOD", "", "TRG", "", "", "4.11", "LOQ", "YES", "-99", "", "0.243", "0.001", "2.57", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","2355-31-9","MeFOSAA","2.57","ng/L","UU","1.41","LOD","","TRG","","","4.11","LOQ","YES","-99","","","0.243","0.001","2.57", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","2991-50-6","EtFOSAA","2.57","ng/L","UU","1.41","LOD","","TRG","","","4.11","LOQ","YES","-99","","","0.243","0.001","2.57", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","2058-94-8","PFUnA","511","ng/L","","","1.41","LOD","","TRG","","","4.11","LOQ","YES","-99","","","0.243","0.001","2.57", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","335-77-3","PFDS","2.57","ng/L","UU","1.41","LOD","","TRG","","","4.11","LOQ","YES","-99","","","0.243","0.001","2.57", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","307-55-1","PFDoA","2.57","ng/L","UU","1.41","LOD","","TRG","","","4.11","LOQ","YES","-99","","","0.243","0.001","2.57", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","72629-94-8","PFTrDA","2.57","ng/L","UU","1.41","LOD","","TRG","","","4.11","LOQ","YES","-99","","","0.243","0.001","2.57", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","376-06-7","PFTeDA","2.57","ng/L","UU","1.41","LOD","","TRG","","","4.11","LOQ","YES","-99","","","0.243","0.001","2.57", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","13C3-PFBA","13C3-PFBA","98.8","%R","","","-99","NA","","","IS","98.8","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","13C3-PFPeA","13C3-PFPeA","93.2","%R","","","-99","NA","","","IS","93.2","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","13C3-PFBS","13C3-PFBS","108","%R","","","-99","NA","","","IS","108","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","13C2-PFHxA","13C2-PFHxA","93.2","%R","","","-99","NA","","","IS","93.2","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","13C4-PFHpA","13C4-PFHpA","96.3","%R","","","-99","NA","","","IS","96.3","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","18O2-PFHxS","18O2-PFHxS","92.5","%R","","","-99","NA","","","IS","92.5","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","13C2-PFOA","13C2-PFOA","82.0","%R","","","-99","NA","","","IS","82.0","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","13C5-PFNA","13C5-PFNA","72.4","%R","","","-99","NA","","","IS","72.4","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","13C8-PFOSA","13C8-PFOSA","30.6","%R","H","-99","NA","","","IS","30.6","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","13C8-PFOS","13C8-PFOS","69.7","%R","","","-99","NA","","","IS","69.7","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","13C2-PFDA","13C2-PFDA","56.3","%R","","","-99","NA","","","IS","56.3","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","d3-MeFOSAA","d3-MeFOSAA","47.6","%R","H","-99","NA","","","IS","47.6","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","d5-EtFOSAA","d5-EtFOSAA","45.6","%R","H","-99","NA","","","IS","45.6","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","13C2-PFUnA","13C2-PFUnA","51.9","%R","","","-99","NA","","","IS","51.9","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","13C2-PFDoA","13C2-PFDoA","52.1","%R","","","-99","NA","","","IS","52.1","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ163I-20180726","Modified EPA 537","Initial","1802094-02","Vista","13C2-PFTeDA","13C2-PFTeDA","60.0","%R","","","-99","NA","","","IS","60.0","","","-99","NA","YES","100","","","0.243","0.001","-99", ""

"SA-PZ181I-20180726","Modified EPA 537","Initial","1802094-03","Vista","375-22-4","PFBA","2.06","ng/L","J","1.36","LOD","","TRG","","","3.98","LOQ","YES","-99","","","0.251","0.001","2.49", ""

"SA-PZ181I-20180726","Modified EPA 537","Initial","1802094-03","Vista","2706-90-

3","PFPeA","4.73","ng/L","","1.36","LOD","","TRG","","","3.98","LOQ","YES","-99","","0.251","0.001","2.49",""
"SA-PZ181I-20180726","Modified EPA 537","Initial","1802094-03","Vista","375-73-
5","PFBS","2.49","ng/L","UU","1.36","LOD","","TRG","","","3.98","LOQ","YES","-99","","0.251","0.001","2.49",""
"SA-PZ181I-20180726","Modified EPA 537","Initial","1802094-03","Vista","307-24-
4","PFHxA","4.31","ng/L","","1.36","LOD","","TRG","","","3.98","LOQ","YES","-99","","0.251","0.001","2.49",""
"SA-PZ181I-20180726","Modified EPA 537","Initial","1802094-03","Vista","375-85-
9","PFHpA","6.01","ng/L","","1.36","LOD","","TRG","","","3.98","LOQ","YES","-99","","0.251","0.001","2.49",""
"SA-PZ181I-20180726","Modified EPA 537","Initial","1802094-03","Vista","355-46-
4","PFHxS","2.49","ng/L","UU","1.36","LOD","","TRG","","","3.98","LOQ","YES","-99","","0.251","0.001","2.49",""
"SA-PZ181I-20180726","Modified EPA 537","Initial","1802094-03","Vista","27619-97-2","6:2
FTS","2.49","ng/L","UU","1.36","LOD","","TRG","","","3.98","LOQ","YES","-99","","0.251","0.001","2.49",""
"SA-PZ181I-20180726","Modified EPA 537","Initial","1802094-03","Vista","335-67-
1","PFOA","9.84","ng/L","","1.36","LOD","","TRG","","","3.98","LOQ","YES","-99","","0.251","0.001","2.49",""
"SA-PZ181I-20180726","Modified EPA 537","Initial","1802094-03","Vista","375-92-
8","PFHpS","2.49","ng/L","UU","1.36","LOD","","TRG","","","3.98","LOQ","YES","-99","","0.251","0.001","2.49",""
"SA-PZ181I-20180726","Modified EPA 537","Initial","1802094-03","Vista","375-95-
1","PFNA","101","ng/L","","1.36","LOD","","TRG","","","3.98","LOQ","YES","-99","","0.251","0.001","2.49",""
"SA-PZ181I-20180726","Modified EPA 537","Initial","1802094-03","Vista","754-91-
6","PFOSA","2.49","ng/L","UU","1.36","LOD","","TRG","","","3.98","LOQ","YES","-99","","0.251","0.001","2.49",""
"
"SA-PZ181I-20180726","Modified EPA 537","Initial","1802094-03","Vista","1763-23-
1","PFOS","13.2","ng/L","","1.36","LOD","","TRG","","","3.98","LOQ","YES","-99","","0.251","0.001","2.49",""
"SA-PZ181I-20180726","Modified EPA 537","Initial","1802094-03","Vista","335-76-
2","PFDA","3.43","ng/L","J","1.36","LOD","","TRG","","","3.98","LOQ","YES","-99","","0.251","0.001","2.49",""
"SA-PZ181I-20180726","Modified EPA 537","Initial","1802094-03","Vista","39108-34-4","8:2
FTS","10.2","ng/L","","1.36","LOD","","TRG","","","3.98","LOQ","YES","-99","","0.251","0.001","2.49",""
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9","MeFOSAA","2.49","ng/L","UU","1.36","LOD","","TRG","","","3.98","LOQ","YES","-99","","0.251","0.001","2.4
9",""
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"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","72629-94-8","PFTTrDA","2.47","ng/L","UU","1.36","LOD","","TRG","","","3.96","LOQ","YES","-99","","0.253","0.001","2.47",""
"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","376-06-7","PFTeDA","2.47","ng/L","UU","1.36","LOD","","TRG","","","3.96","LOQ","YES","-99","","0.253","0.001","2.47",""
"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","13C3-PFBA","13C3-PFBA","99.2","%R","","-99","NA","","IS","99.2","","-99","NA","YES","100","","0.253","0.001","-99",""
"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","13C3-PFPeA","13C3-PFPeA","91.6","%R","","-99","NA","","IS","91.6","","-99","NA","YES","100","","0.253","0.001","-99",""
"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","13C3-PFBS","13C3-PFBS","108","%R","","-99","NA","","IS","108","","-99","NA","YES","100","","0.253","0.001","-99",""
"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","13C2-PFHxA","13C2-PFHxA","94.8","%R","","-99","NA","","IS","94.8","","-99","NA","YES","100","","0.253","0.001","-99",""
"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","13C4-PFHpA","13C4-PFHpA","94.3","%R","","-99","NA","","IS","94.3","","-99","NA","YES","100","","0.253","0.001","-99",""
"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","18O2-PFHxS","18O2-PFHxS","98.2","%R","","-99","NA","","IS","98.2","","-99","NA","YES","100","","0.253","0.001","-99",""

"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","13C2-PFOA","13C2-PFOA","85.9","%R","",-99,"NA","","IS","85.9","",-99,"NA","YES","100","","0.253","0.001","-99",""

"SA-PZ145I-20180726","Modified EPA 537","Dilution","1802094-05","Vista","13C5-PFNA","13C5-PFNA","80.1","%R","D","-99,"NA","","IS","80.1","",-99,"NA","YES","100","","0.253","0.001","-99",""

"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","13C8-PFOA","13C8-PFOA","34.3","%R","H","-99,"NA","","IS","34.3","",-99,"NA","YES","100","","0.253","0.001","-99",""

"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","13C8-PFOS","13C8-PFOS","95.3","%R","",-99,"NA","","IS","95.3","",-99,"NA","YES","100","","0.253","0.001","-99",""

"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","13C2-PFDA","13C2-PFDA","73.7","%R","",-99,"NA","","IS","73.7","",-99,"NA","YES","100","","0.253","0.001","-99",""

"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","d3-MeFOSAA","d3-MeFOSAA","63.5","%R","",-99,"NA","","IS","63.5","",-99,"NA","YES","100","","0.253","0.001","-99",""

"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","d5-EtFOSAA","d5-EtFOSAA","63.0","%R","",-99,"NA","","IS","63.0","",-99,"NA","YES","100","","0.253","0.001","-99",""

"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","13C2-PFUnA","13C2-PFUnA","61.9","%R","",-99,"NA","","IS","61.9","",-99,"NA","YES","100","","0.253","0.001","-99",""

"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","13C2-PFDoA","13C2-PFDoA","64.0","%R","",-99,"NA","","IS","64.0","",-99,"NA","YES","100","","0.253","0.001","-99",""

"SA-PZ145I-20180726","Modified EPA 537","Initial","1802094-05","Vista","13C2-PFTeDA","13C2-PFTeDA","71.6","%R","",-99,"NA","","IS","71.6","",-99,"NA","YES","100","","0.253","0.001","-99",""

"SA-PZ145D-20180726","Modified EPA 537","Initial","1802094-06","Vista","375-22-4","PFBA","5.47","ng/L","1.38","LOD","TRG","4.03","LOQ","YES","-99","0.248","0.001","2.52",""

"SA-PZ145D-20180726","Modified EPA 537","Initial","1802094-06","Vista","2706-90-3","PFPeA","14.2","ng/L","1.38","LOD","TRG","4.03","LOQ","YES","-99","0.248","0.001","2.52",""

"SA-PZ145D-20180726","Modified EPA 537","Initial","1802094-06","Vista","375-73-5","PFBS","2.52","ng/L","UU","1.38","LOD","TRG","4.03","LOQ","YES","-99","0.248","0.001","2.52",""

"SA-PZ145D-20180726","Modified EPA 537","Initial","1802094-06","Vista","307-24-4","PFHxA","14.7","ng/L","1.38","LOD","TRG","4.03","LOQ","YES","-99","0.248","0.001","2.52",""

"SA-PZ145D-20180726","Modified EPA 537","Initial","1802094-06","Vista","375-85-9","PFHpA","26.8","ng/L","1.38","LOD","TRG","4.03","LOQ","YES","-99","0.248","0.001","2.52",""

"SA-PZ145D-20180726","Modified EPA 537","Initial","1802094-06","Vista","355-46-4","PFHxS","7.51","ng/L","1.38","LOD","TRG","4.03","LOQ","YES","-99","0.248","0.001","2.52",""

"SA-PZ145D-20180726","Modified EPA 537","Initial","1802094-06","Vista","27619-97-2","6:2 FTS","14.4","ng/L","1.38","LOD","TRG","4.03","LOQ","YES","-99","0.248","0.001","2.52",""

"SA-PZ145D-20180726","Modified EPA 537","Initial","1802094-06","Vista","335-67-1","PFOA","64.1","ng/L","1.38","LOD","TRG","4.03","LOQ","YES","-99","0.248","0.001","2.52",""

"SA-PZ145D-20180726","Modified EPA 537","Initial","1802094-06","Vista","375-92-8","PFHpS","2.52","ng/L","UU","1.38","LOD","TRG","4.03","LOQ","YES","-99","0.248","0.001","2.52",""

"SA-PZ145D-20180726","Modified EPA 537","Dilution","1802094-06","Vista","375-95-1","PFNA","2350","ng/L","D","6.90","LOD","TRG","20.2","LOQ","YES","-99","0.248","0.001","12.6",""

"SA-PZ145D-20180726","Modified EPA 537","Initial","1802094-06","Vista","754-91-6","PFOSA","2.52","ng/L","UU","1.38","LOD","TRG","4.03","LOQ","YES","-99","0.248","0.001","2.52",""

"SA-PZ145D-20180726","Modified EPA 537","Initial","1802094-06","Vista","1763-23-1","PFOS","5.93","ng/L","1.38","LOD","TRG","4.03","LOQ","YES","-99","0.248","0.001","2.52",""

"SA-PZ145D-20180726","Modified EPA 537","Initial","1802094-06","Vista","335-76-2","PFDA","46.4","ng/L","1.38","LOD","TRG","4.03","LOQ","YES","-99","0.248","0.001","2.52",""

"SA-PZ145D-20180726","Modified EPA 537","Initial","1802094-06","Vista","39108-34-4","8:2 FTS","7.71","ng/L","1.38","LOD","TRG","4.03","LOQ","YES","-99","0.248","0.001","2.52",""

"SA-PZ145D-20180726","Modified EPA 537","Initial","1802094-06","Vista","2355-31-9","MeFOSAA","2.52","ng/L","UU","1.38","LOD","TRG","4.03","LOQ","YES","-99","0.248","0.001","2.52",""

"SA-PZ145D-20180726","Modified EPA 537","Initial","1802094-06","Vista","2991-50-6","EtFOSAA","2.52","ng/L","UU","1.38","LOD","TRG","4.03","LOQ","YES","-99","0.248","0.001","2.52"

" , ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "2058-94-8", "PFUnA", "160", "ng/L", "", "1.38", "LOD", "", "TRG", "", "", "4.03", "LOQ", "YES", "-99", "", "0.248", "0.001", "2.52", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "335-77-3", "PFDS", "2.52", "ng/L", "UU", "1.38", "LOD", "", "TRG", "", "", "4.03", "LOQ", "YES", "-99", "", "0.248", "0.001", "2.52", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "307-55-1", "PFDaA", "2.52", "ng/L", "UU", "1.38", "LOD", "", "TRG", "", "", "4.03", "LOQ", "YES", "-99", "", "0.248", "0.001", "2.52", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "72629-94-8", "PFTDA", "2.52", "ng/L", "UU", "1.38", "LOD", "", "TRG", "", "", "4.03", "LOQ", "YES", "-99", "", "0.248", "0.001", "2.52", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "376-06-7", "PFTeDA", "2.52", "ng/L", "UU", "1.38", "LOD", "", "TRG", "", "", "4.03", "LOQ", "YES", "-99", "", "0.248", "0.001", "2.52", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "13C3-PFBA", "13C3-PFBA", "97.5", "%R", "", "-99", "NA", "", "IS", "97.5", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "13C3-PFPeA", "13C3-PFPeA", "96.7", "%R", "", "-99", "NA", "", "IS", "96.7", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "13C3-PFBS", "13C3-PFBS", "109", "%R", "", "-99", "NA", "", "IS", "109", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "13C2-PFHxA", "13C2-PFHxA", "93.5", "%R", "", "-99", "NA", "", "IS", "93.5", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "13C4-PFHpA", "13C4-PFHpA", "97.8", "%R", "", "-99", "NA", "", "IS", "97.8", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "18O2-PFHxS", "18O2-PFHxS", "81.7", "%R", "", "-99", "NA", "", "IS", "81.7", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "13C2-PFOA", "13C2-PFOA", "77.7", "%R", "", "-99", "NA", "", "IS", "77.7", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Dilution", "1802094-06", "Vista", "13C5-PFNA", "13C5-PFNA", "68.9", "%R", "D", "-99", "NA", "", "IS", "68.9", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "13C8-PFOSA", "13C8-PFOSA", "21.4", "%R", "H", "-99", "NA", "", "IS", "21.4", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "13C8-PFOS", "13C8-PFOS", "76.8", "%R", "", "-99", "NA", "", "IS", "76.8", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "13C2-PFDA", "13C2-PFDA", "58.2", "%R", "", "-99", "NA", "", "IS", "58.2", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "d3-MeFOSAA", "d3-MeFOSAA", "43.9", "%R", "H", "-99", "NA", "", "IS", "43.9", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "d5-EtFOSAA", "d5-EtFOSAA", "44.6", "%R", "H", "-99", "NA", "", "IS", "44.6", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "13C2-PFUnA", "13C2-PFUnA", "49.8", "%R", "H", "-99", "NA", "", "IS", "49.8", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "13C2-PFDaA", "13C2-PFDaA", "51.7", "%R", "", "-99", "NA", "", "IS", "51.7", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-PZ145D-20180726", "Modified EPA 537", "Initial", "1802094-06", "Vista", "13C2-PFTeDA", "13C2-PFTeDA", "62.2", "%R", "", "-99", "NA", "", "IS", "62.2", "", "-99", "NA", "YES", "100", "", "0.248", "0.001", "-99", ""
"SA-MW128I-20180726", "Modified EPA 537", "Initial", "1802094-07", "Vista", "375-22-4", "PFBA", "7.46", "ng/L", "", "1.35", "LOD", "", "TRG", "", "", "3.95", "LOQ", "YES", "-99", "", "0.253", "0.001", "2.47", ""
"SA-MW128I-20180726", "Modified EPA 537", "Initial", "1802094-07", "Vista", "2706-90-3", "PFPeA", "23.9", "ng/L", "", "1.35", "LOD", "", "TRG", "", "", "3.95", "LOQ", "YES", "-99", "", "0.253", "0.001", "2.47", ""
"SA-MW128I-20180726", "Modified EPA 537", "Initial", "1802094-07", "Vista", "375-73-5", "PFBS", "2.47", "ng/L", "UU", "1.35", "LOD", "", "TRG", "", "", "3.95", "LOQ", "YES", "-99", "", "0.253", "0.001", "2.47", ""
"SA-MW128I-20180726", "Modified EPA 537", "Initial", "1802094-07", "Vista", "307-24-4", "PFHxA", "22.6", "ng/L", "", "1.35", "LOD", "", "TRG", "", "", "3.95", "LOQ", "YES", "-99", "", "0.253", "0.001", "2.47", ""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","375-85-9","PFHpA","62.6","ng/L","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","355-46-4","PFHxS","2.47","ng/L","UU","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","27619-97-2","6:2 FTS","38.3","ng/L","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","335-67-1","PFOA","78.7","ng/L","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","375-92-8","PFHpS","2.47","ng/L","UU","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Dilution","1802094-07","Vista","375-95-1","PFNA","2060","ng/L","D","6.77","LOD","TRG","19.8","LOQ","YES","-99","0.253","0.001","12.4",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","754-91-6","PFOSA","2.47","ng/L","UU","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","1763-23-1","PFOS","4.93","ng/L","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","335-76-2","PFDA","46.4","ng/L","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","39108-34-4","8:2 FTS","5.31","ng/L","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","2355-31-9","MeFOSAA","2.47","ng/L","UU","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","2991-50-6","EtFOSAA","2.47","ng/L","UU","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","2058-94-8","PFUnA","287","ng/L","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","335-77-3","PFDS","2.47","ng/L","UU","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","307-55-1","PFDoA","2.47","ng/L","UU","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","72629-94-8","PFTTrDA","2.47","ng/L","UU","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","376-06-7","PFTeDA","2.47","ng/L","UU","1.35","LOD","TRG","3.95","LOQ","YES","-99","0.253","0.001","2.47",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","13C3-PFBA","13C3-PFBA","99.8","%R","-99","NA","IS","99.8","-99","NA","YES","100","0.253","0.001","-99",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","13C3-PFPeA","13C3-PFPeA","94.6","%R","-99","NA","IS","94.6","-99","NA","YES","100","0.253","0.001","-99",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","13C3-PFBS","13C3-PFBS","109","%R","-99","NA","IS","109","-99","NA","YES","100","0.253","0.001","-99",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","13C2-PFHxA","13C2-PFHxA","93.0","%R","-99","NA","IS","93.0","-99","NA","YES","100","0.253","0.001","-99",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","13C4-PFHpA","13C4-PFHpA","98.7","%R","-99","NA","IS","98.7","-99","NA","YES","100","0.253","0.001","-99",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","18O2-PFHxS","18O2-PFHxS","90.7","%R","-99","NA","IS","90.7","-99","NA","YES","100","0.253","0.001","-99",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","13C2-PFOA","13C2-PFOA","85.2","%R","-99","NA","IS","85.2","-99","NA","YES","100","0.253","0.001","-99",""

"SA-MW128I-20180726","Modified EPA 537","Dilution","1802094-07","Vista","13C5-PFNA","13C5-PFNA","77.2","%R","D","-99","NA","","IS","77.2","","-99","NA","YES","100","","0.253","0.001","-99",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","13C8-PFOA","13C8-PFOA","25.4","%R","H","-99","NA","","IS","25.4","","-99","NA","YES","100","","0.253","0.001","-99",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","13C8-PFOS","13C8-PFOS","81.7","%R","","-99","NA","","IS","81.7","","-99","NA","YES","100","","0.253","0.001","-99",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","13C2-PFDA","13C2-PFDA","64.3","%R","","-99","NA","","IS","64.3","","-99","NA","YES","100","","0.253","0.001","-99",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","d3-MeFOSAA","d3-MeFOSAA","50.6","%R","","-99","NA","","IS","50.6","","-99","NA","YES","100","","0.253","0.001","-99",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","d5-EtFOSAA","d5-EtFOSAA","52.5","%R","","-99","NA","","IS","52.5","","-99","NA","YES","100","","0.253","0.001","-99",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","13C2-PFUnA","13C2-PFUnA","56.1","%R","","-99","NA","","IS","56.1","","-99","NA","YES","100","","0.253","0.001","-99",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","13C2-PFDoA","13C2-PFDoA","57.7","%R","","-99","NA","","IS","57.7","","-99","NA","YES","100","","0.253","0.001","-99",""

"SA-MW128I-20180726","Modified EPA 537","Initial","1802094-07","Vista","13C2-PFTeDA","13C2-PFTeDA","65.6","%R","","-99","NA","","IS","65.6","","-99","NA","YES","100","","0.253","0.001","-99",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","375-22-4","PFBA","2.32","ng/L","UU","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","2706-90-3","PFPeA","2.32","ng/L","UU","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","375-73-5","PFBS","2.32","ng/L","UU","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","307-24-4","PFHxA","2.32","ng/L","UU","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","375-85-9","PFHpA","1.98","ng/L","J","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","355-46-4","PFHxS","2.32","ng/L","UU","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","27619-97-2","6:2 FTS","2.32","ng/L","UU","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","335-67-1","PFOA","4.37","ng/L","","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","375-92-8","PFHpS","2.32","ng/L","UU","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","375-95-1","PFNA","13.6","ng/L","","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","754-91-6","PFOSA","2.32","ng/L","UU","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","1763-23-1","PFOS","4.05","ng/L","","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","335-76-2","PFDA","2.32","ng/L","UU","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","39108-34-4","8:2 FTS","2.32","ng/L","UU","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","2355-31-9","MeFOSAA","2.32","ng/L","UU","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","2991-50-6","EtFOSAA","2.94","ng/L","J","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""

"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","2058-94-8","PFUnA","1.64","ng/L","J","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","335-77-3","PFDS","2.32","ng/L","UU","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","307-55-1","PFDaA","2.32","ng/L","UU","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","72629-94-8","PFTeDA","2.32","ng/L","UU","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","376-06-7","PFTeDA","2.32","ng/L","UU","1.28","LOD","","TRG","","","3.72","LOQ","YES","-99","","0.269","0.001","2.32",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","13C3-PFBA","13C3-PFBA","115","%R","","-99","NA","","IS","115","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","13C3-PFPeA","13C3-PFPeA","107","%R","","-99","NA","","IS","107","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","13C3-PFBS","13C3-PFBS","136","%R","","-99","NA","","IS","136","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","13C2-PFHxA","13C2-PFHxA","111","%R","","-99","NA","","IS","111","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","13C4-PFHpA","13C4-PFHpA","116","%R","","-99","NA","","IS","116","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","18O2-PFHxS","18O2-PFHxS","96.6","%R","","-99","NA","","IS","96.6","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","13C2-PFOA","13C2-PFOA","94.3","%R","","-99","NA","","IS","94.3","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","13C5-PFNA","13C5-PFNA","92.8","%R","","-99","NA","","IS","92.8","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","13C8-PFOSA","13C8-PFOSA","30.6","%R","H","-99","NA","","IS","30.6","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","13C8-PFOS","13C8-PFOS","96.9","%R","","-99","NA","","IS","96.9","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","13C2-PFDA","13C2-PFDA","82.5","%R","","-99","NA","","IS","82.5","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","d3-MeFOSAA","d3-MeFOSAA","71.6","%R","","-99","NA","","IS","71.6","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","d5-EtFOSAA","d5-EtFOSAA","74.3","%R","","-99","NA","","IS","74.3","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","13C2-PFUnA","13C2-PFUnA","75.7","%R","","-99","NA","","IS","75.7","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","13C2-PFDaA","13C2-PFDaA","79.7","%R","","-99","NA","","IS","79.7","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144I-20180726","Modified EPA 537","Initial","1802094-08","Vista","13C2-PFTeDA","13C2-PFTeDA","77.0","%R","","-99","NA","","IS","77.0","","-99","NA","YES","100","","0.269","0.001","-99",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","375-22-4","PFBA","2.19","ng/L","J","1.35","LOD","","TRG","","","3.93","LOQ","YES","-99","","0.254","0.001","2.46",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","2706-90-3","PFPeA","3.05","ng/L","J","1.35","LOD","","TRG","","","3.93","LOQ","YES","-99","","0.254","0.001","2.46",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","375-73-5","PFBS","2.46","ng/L","UU","1.35","LOD","","TRG","","","3.93","LOQ","YES","-99","","0.254","0.001","2.46",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","307-24-4","PFHxA","3.20","ng/L","J","1.35","LOD","","TRG","","","3.93","LOQ","YES","-99","","0.254","0.001","2.46",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","375-85-

9","PFHpA","3.28","ng/L","J","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","355-46-
4","PFHxS","2.46","ng/L","UU","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","27619-97-2","6:2
FTS","2.46","ng/L","UU","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","335-67-
1","PFOA","6.12","ng/L","","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","375-92-
8","PFHpS","2.46","ng/L","UU","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","375-95-
1","PFNA","58.6","ng/L","","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","754-91-
6","PFOSA","2.46","ng/L","UU","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",""
"
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","1763-23-
1","PFOS","2.77","ng/L","J","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","335-76-
2","PFDA","3.98","ng/L","","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","39108-34-4","8:2
FTS","2.46","ng/L","UU","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","2355-31-
9","MeFOSAA","2.46","ng/L","UU","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.4
6",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","2991-50-
6","EtFOSAA","1.35","ng/L","J","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",""
"
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","2058-94-
8","PFUnA","61.8","ng/L","","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","335-77-
3","PFDS","2.46","ng/L","UU","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","307-55-
1","PFDoA","2.46","ng/L","UU","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",""
"
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","72629-94-
8","PFTrDA","2.46","ng/L","UU","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",
"
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","376-06-
7","PFTeDA","2.46","ng/L","UU","1.35","LOD","","TRG","","","3.93","LOQ","YES",-99","","0.254","0.001","2.46",
"
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","13C3-PFBA","13C3-
PFBA","108","%R","","-99","NA","","IS","108","","-99","NA","YES","100","","0.254","0.001",-99,""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","13C3-PFPeA","13C3-
PFPeA","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","0.254","0.001",-99,""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","13C3-PFBS","13C3-
PFBS","111","%R","","-99","NA","","IS","111","","-99","NA","YES","100","","0.254","0.001",-99,""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","13C2-PFHxA","13C2-
PFHxA","104","%R","","-99","NA","","IS","104","","-99","NA","YES","100","","0.254","0.001",-99,""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","13C4-PFHpA","13C4-
PFHpA","104","%R","","-99","NA","","IS","104","","-99","NA","YES","100","","0.254","0.001",-99,""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","18O2-PFHxS","18O2-
PFHxS","94.4","%R","","-99","NA","","IS","94.4","","-99","NA","YES","100","","0.254","0.001",-99,""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","13C2-PFOA","13C2-
PFOA","87.1","%R","","-99","NA","","IS","87.1","","-99","NA","YES","100","","0.254","0.001",-99,""
"SA-PZ144S-20180726","Modified EPA 537","Initial","1802094-09","Vista","13C5-PFNA","13C5-

PFNA", "77.6", "%R", "", "-99", "NA", "", "IS", "77.6", "", "-99", "NA", "YES", "100", "", "0.254", "0.001", "-99", ""
"SA-PZ144S-20180726", "Modified EPA 537", "Initial", "1802094-09", "Vista", "13C8-PFOA", "13C8-
PFOA", "31.0", "%R", "H", "-99", "NA", "", "IS", "31.0", "", "-99", "NA", "YES", "100", "", "0.254", "0.001", "-99", ""
"SA-PZ144S-20180726", "Modified EPA 537", "Initial", "1802094-09", "Vista", "13C8-PFOS", "13C8-
PFOS", "80.4", "%R", "", "-99", "NA", "", "IS", "80.4", "", "-99", "NA", "YES", "100", "", "0.254", "0.001", "-99", ""
"SA-PZ144S-20180726", "Modified EPA 537", "Initial", "1802094-09", "Vista", "13C2-PFDA", "13C2-
PFDA", "68.5", "%R", "", "-99", "NA", "", "IS", "68.5", "", "-99", "NA", "YES", "100", "", "0.254", "0.001", "-99", ""
"SA-PZ144S-20180726", "Modified EPA 537", "Initial", "1802094-09", "Vista", "d3-MeFOSAA", "d3-
MeFOSAA", "57.1", "%R", "", "-99", "NA", "", "IS", "57.1", "", "-99", "NA", "YES", "100", "", "0.254", "0.001", "-99", ""
"SA-PZ144S-20180726", "Modified EPA 537", "Initial", "1802094-09", "Vista", "d5-EtFOSAA", "d5-
EtFOSAA", "56.7", "%R", "", "-99", "NA", "", "IS", "56.7", "", "-99", "NA", "YES", "100", "", "0.254", "0.001", "-99", ""
"SA-PZ144S-20180726", "Modified EPA 537", "Initial", "1802094-09", "Vista", "13C2-PFUnA", "13C2-
PFUnA", "65.7", "%R", "", "-99", "NA", "", "IS", "65.7", "", "-99", "NA", "YES", "100", "", "0.254", "0.001", "-99", ""
"SA-PZ144S-20180726", "Modified EPA 537", "Initial", "1802094-09", "Vista", "13C2-PFDoA", "13C2-
PFDoA", "63.6", "%R", "", "-99", "NA", "", "IS", "63.6", "", "-99", "NA", "YES", "100", "", "0.254", "0.001", "-99", ""
"SA-PZ144S-20180726", "Modified EPA 537", "Initial", "1802094-09", "Vista", "13C2-PFTeDA", "13C2-
PFTeDA", "73.1", "%R", "", "-99", "NA", "", "IS", "73.1", "", "-99", "NA", "YES", "100", "", "0.254", "0.001", "-99", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "375-22-
4", "PFBA", "2.40", "ng/L", "UU", "1.32", "LOD", "", "TRG", "", "", "3.85", "LOQ", "YES", "-99", "", "0.260", "0.001", "2.40", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "2706-90-
3", "PFPeA", "8.23", "ng/L", "", "1.32", "LOD", "", "TRG", "", "", "3.85", "LOQ", "YES", "-99", "", "0.260", "0.001", "2.40", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "375-73-
5", "PFBS", "2.40", "ng/L", "UU", "1.32", "LOD", "", "TRG", "", "", "3.85", "LOQ", "YES", "-99", "", "0.260", "0.001", "2.40", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "307-24-
4", "PFHxA", "9.10", "ng/L", "", "1.32", "LOD", "", "TRG", "", "", "3.85", "LOQ", "YES", "-99", "", "0.260", "0.001", "2.40", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "375-85-
9", "PFHpA", "19.5", "ng/L", "", "1.32", "LOD", "", "TRG", "", "", "3.85", "LOQ", "YES", "-99", "", "0.260", "0.001", "2.40", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "355-46-
4", "PFHxS", "2.40", "ng/L", "UU", "1.32", "LOD", "", "TRG", "", "", "3.85", "LOQ", "YES", "-99", "", "0.260", "0.001", "2.40", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "27619-97-2", "6:2
FTS", "12.0", "ng/L", "", "1.32", "LOD", "", "TRG", "", "", "3.85", "LOQ", "YES", "-99", "", "0.260", "0.001", "2.40", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "335-67-
1", "PFOA", "36.0", "ng/L", "", "1.32", "LOD", "", "TRG", "", "", "3.85", "LOQ", "YES", "-99", "", "0.260", "0.001", "2.40", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "375-92-
8", "PFHpS", "2.40", "ng/L", "UU", "1.32", "LOD", "", "TRG", "", "", "3.85", "LOQ", "YES", "-99", "", "0.260", "0.001", "2.40", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "375-95-
1", "PFNA", "1090", "ng/L", "", "1.32", "LOD", "", "TRG", "", "", "3.85", "LOQ", "YES", "-99", "", "0.260", "0.001", "2.40", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "754-91-
6", "PFOA", "2.40", "ng/L", "UU", "1.32", "LOD", "", "TRG", "", "", "3.85", "LOQ", "YES", "-99", "", "0.260", "0.001", "2.40", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "1763-23-
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"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "335-76-
2", "PFDA", "27.9", "ng/L", "", "1.32", "LOD", "", "TRG", "", "", "3.85", "LOQ", "YES", "-99", "", "0.260", "0.001", "2.40", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "39108-34-4", "8:2
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"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "2355-31-
9", "MeFOSAA", "2.40", "ng/L", "UU", "1.32", "LOD", "", "TRG", "", "", "3.85", "LOQ", "YES", "-99", "", "0.260", "0.001", "2.40", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "2991-50-
6", "EtFOSAA", "5.66", "ng/L", "", "1.32", "LOD", "", "TRG", "", "", "3.85", "LOQ", "YES", "-99", "", "0.260", "0.001", "2.40", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "2058-94-
8", "PFUnA", "653", "ng/L", "", "1.32", "LOD", "", "TRG", "", "", "3.85", "LOQ", "YES", "-99", "", "0.260", "0.001", "2.40", ""
"SA-PZ171I-20180727", "Modified EPA 537", "Initial", "1802094-10", "Vista", "335-77-

3","PFDS","2.40","ng/L","UU","1.32","LOD","","TRG","","","3.85","LOQ","YES","-99","","0.260","0.001","2.40","","
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1","PFD_oA","2.40","ng/L","UU","1.32","LOD","","TRG","","","3.85","LOQ","YES","-99","","0.260","0.001","2.40",
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"SA-PZ171I-20180727","Modified EPA 537","Initial","1802094-10","Vista","72629-94-
8","PFT_rDA","2.40","ng/L","UU","1.32","LOD","","TRG","","","3.85","LOQ","YES","-99","","0.260","0.001","2.40",
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"SA-PZ171I-20180727","Modified EPA 537","Initial","1802094-10","Vista","376-06-
7","PFT_eDA","2.40","ng/L","UU","1.32","LOD","","TRG","","","3.85","LOQ","YES","-99","","0.260","0.001","2.40",
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"
"SA-PZ171I-20180727","Modified EPA 537","Initial","1802094-10","Vista","13C3-PFPeA","13C3-
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"
"SA-PZ171I-20180727","Modified EPA 537","Initial","1802094-10","Vista","13C3-PFBS","13C3-
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"SA-PZ171I-20180727","Modified EPA 537","Initial","1802094-10","Vista","13C2-PFHxA","13C2-
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"SA-PZ171I-20180727","Modified EPA 537","Initial","1802094-10","Vista","13C4-PFHpA","13C4-
PFHpA","98.2","%R","","-99","NA","","IS","98.2","","-99","NA","YES","100","","0.260","0.001","-99",
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"SA-PZ171I-20180727","Modified EPA 537","Initial","1802094-10","Vista","18O2-PFHxS","18O2-
PFHxS","89.8","%R","","-99","NA","","IS","89.8","","-99","NA","YES","100","","0.260","0.001","-99",
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"SA-PZ171I-20180727","Modified EPA 537","Initial","1802094-10","Vista","13C2-PFOA","13C2-
PFOA","87.2","%R","","-99","NA","","IS","87.2","","-99","NA","YES","100","","0.260","0.001","-99",
"
"SA-PZ171I-20180727","Modified EPA 537","Initial","1802094-10","Vista","13C5-PFNA","13C5-
PFNA","78.0","%R","","-99","NA","","IS","78.0","","-99","NA","YES","100","","0.260","0.001","-99",
"
"SA-PZ171I-20180727","Modified EPA 537","Initial","1802094-10","Vista","13C8-PFOA","13C8-
PFOSA","35.9","%R","H","-99","NA","","IS","35.9","","-99","NA","YES","100","","0.260","0.001","-99",
"
"SA-PZ171I-20180727","Modified EPA 537","Initial","1802094-10","Vista","13C8-PFOS","13C8-
PFOS","88.1","%R","","-99","NA","","IS","88.1","","-99","NA","YES","100","","0.260","0.001","-99",
"
"SA-PZ171I-20180727","Modified EPA 537","Initial","1802094-10","Vista","13C2-PFDA","13C2-
PFDA","69.1","%R","","-99","NA","","IS","69.1","","-99","NA","YES","100","","0.260","0.001","-99",
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"SA-PZ171I-20180727","Modified EPA 537","Initial","1802094-10","Vista","d3-MeFOSAA","d3-
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EtFOSAA","61.8","%R","","-99","NA","","IS","61.8","","-99","NA","YES","100","","0.260","0.001","-99",
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"SA-PZ171I-20180727","Modified EPA 537","Initial","1802094-10","Vista","13C2-PFUnA","13C2-
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"SA-PZ171I-20180727","Modified EPA 537","Initial","1802094-10","Vista","13C2-PFT_eDA","13C2-
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4","PFBA","3.53","ng/L","J","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",
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"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","2706-90-
3","PFPeA","4.02","ng/L","J","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",
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"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","375-73-
5","PFBS","5.90","ng/L","UU","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",
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"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","307-24-
4","PFHxA","3.71","ng/L","J","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",
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9","PFHpA","3.55","ng/L","J","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",
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4","PFHxS","5.90","ng/L","UU","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",

"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","27619-97-2","6:2
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"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","335-67-
1","PFOA","6.33","ng/L","J","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","375-92-
8","PFHpS","5.90","ng/L","UU","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","375-95-
1","PFNA","29.9","ng/L","","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","754-91-
6","PFOSA","5.90","ng/L","UU","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",""
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"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","1763-23-
1","PFOS","3.58","ng/L","J","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","335-76-
2","PFDA","5.90","ng/L","UU","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","39108-34-4","8:2
FTS","5.90","ng/L","UU","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","2355-31-
9","MeFOSAA","5.90","ng/L","UU","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.9
0",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","2991-50-
6","EtFOSAA","5.90","ng/L","UU","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90
"
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","2058-94-
8","PFUnA","5.90","ng/L","UU","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",""
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"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","335-77-
3","PFDS","5.90","ng/L","UU","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","307-55-
1","PFDoA","5.90","ng/L","UU","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",""
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"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","72629-94-
8","PFTrDA","5.90","ng/L","UU","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",
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"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","376-06-
7","PFTeDA","5.90","ng/L","UU","3.23","LOD","","TRG","","","9.44","LOQ","YES","-99","","0.106","0.001","5.90",
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"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","13C3-PFBA","13C3-
PFBA","90.5","%R","","-99","NA","","IS","90.5","","-99","NA","YES","100","","0.106","0.001","-99",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","13C3-PFPeA","13C3-
PFPeA","86.4","%R","","-99","NA","","IS","86.4","","-99","NA","YES","100","","0.106","0.001","-99",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","13C3-PFBS","13C3-
PFBS","106","%R","","-99","NA","","IS","106","","-99","NA","YES","100","","0.106","0.001","-99",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","13C2-PFHxA","13C2-
PFHxA","86.5","%R","","-99","NA","","IS","86.5","","-99","NA","YES","100","","0.106","0.001","-99",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","13C4-PFHpA","13C4-
PFHpA","82.0","%R","","-99","NA","","IS","82.0","","-99","NA","YES","100","","0.106","0.001","-99",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","18O2-PFHxS","18O2-
PFHxS","88.0","%R","","-99","NA","","IS","88.0","","-99","NA","YES","100","","0.106","0.001","-99",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","13C2-PFOA","13C2-
PFOA","73.2","%R","","-99","NA","","IS","73.2","","-99","NA","YES","100","","0.106","0.001","-99",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","13C5-PFNA","13C5-
PFNA","72.8","%R","","-99","NA","","IS","72.8","","-99","NA","YES","100","","0.106","0.001","-99",""
"SA-SW201-20180727","Modified EPA 537","Initial","1802094-11","Vista","13C8-PFOSA","13C8-

PFOSA", "33.6", "%R", "H", "-99", "NA", "", "IS", "33.6", "", "-99", "NA", "YES", "100", "", "0.106", "0.001", "-99", ""
"SA-SW201-20180727", "Modified EPA 537", "Initial", "1802094-11", "Vista", "13C8-PFOS", "13C8-
PFOS", "75.0", "%R", "", "-99", "NA", "", "IS", "75.0", "", "-99", "NA", "YES", "100", "", "0.106", "0.001", "-99", ""
"SA-SW201-20180727", "Modified EPA 537", "Initial", "1802094-11", "Vista", "13C2-PFDA", "13C2-
PFDA", "62.1", "%R", "", "-99", "NA", "", "IS", "62.1", "", "-99", "NA", "YES", "100", "", "0.106", "0.001", "-99", ""
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MeFOSAA", "61.4", "%R", "", "-99", "NA", "", "IS", "61.4", "", "-99", "NA", "YES", "100", "", "0.106", "0.001", "-99", ""
"SA-SW201-20180727", "Modified EPA 537", "Initial", "1802094-11", "Vista", "d5-EtFOSAA", "d5-
EtFOSAA", "64.6", "%R", "", "-99", "NA", "", "IS", "64.6", "", "-99", "NA", "YES", "100", "", "0.106", "0.001", "-99", ""
"SA-SW201-20180727", "Modified EPA 537", "Initial", "1802094-11", "Vista", "13C2-PFUnA", "13C2-
PFUnA", "63.2", "%R", "", "-99", "NA", "", "IS", "63.2", "", "-99", "NA", "YES", "100", "", "0.106", "0.001", "-99", ""
"SA-SW201-20180727", "Modified EPA 537", "Initial", "1802094-11", "Vista", "13C2-PFDoA", "13C2-
PFDoA", "63.3", "%R", "", "-99", "NA", "", "IS", "63.3", "", "-99", "NA", "YES", "100", "", "0.106", "0.001", "-99", ""
"SA-SW201-20180727", "Modified EPA 537", "Initial", "1802094-11", "Vista", "13C2-PFTeDA", "13C2-
PFTeDA", "71.0", "%R", "", "-99", "NA", "", "IS", "71.0", "", "-99", "NA", "YES", "100", "", "0.106", "0.001", "-99", ""
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4", "PFBA", "5.19", "ng/L", "J", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.68", ""
"SA-SW204-20180727", "Modified EPA 537", "Initial", "1802094-12", "Vista", "2706-90-
3", "PFPeA", "8.30", "ng/L", "J", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.68", ""
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5", "PFBS", "5.68", "ng/L", "UU", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.68", ""
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4", "PFHxA", "6.29", "ng/L", "J", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.68", ""
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9", "PFHpA", "5.82", "ng/L", "J", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.68", ""
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FTS", "5.39", "ng/L", "J", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.68", ""
"SA-SW204-20180727", "Modified EPA 537", "Initial", "1802094-12", "Vista", "335-67-
1", "PFOA", "8.81", "ng/L", "J", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.68", ""
"SA-SW204-20180727", "Modified EPA 537", "Initial", "1802094-12", "Vista", "375-92-
8", "PFHpS", "5.68", "ng/L", "UU", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.68", ""
"SA-SW204-20180727", "Modified EPA 537", "Initial", "1802094-12", "Vista", "375-95-
1", "PFNA", "89.9", "ng/L", "", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.68", ""
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6", "PFOSA", "5.68", "ng/L", "UU", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.68", ""
"SA-SW204-20180727", "Modified EPA 537", "Initial", "1802094-12", "Vista", "1763-23-
1", "PFOS", "12.2", "ng/L", "", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.68", ""
"SA-SW204-20180727", "Modified EPA 537", "Initial", "1802094-12", "Vista", "335-76-
2", "PFDA", "5.68", "ng/L", "UU", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.68", ""
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"SA-SW204-20180727", "Modified EPA 537", "Initial", "1802094-12", "Vista", "2355-31-
9", "MeFOSAA", "5.68", "ng/L", "UU", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.6
8", ""
"SA-SW204-20180727", "Modified EPA 537", "Initial", "1802094-12", "Vista", "2991-50-
6", "EtFOSAA", "5.68", "ng/L", "UU", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.68
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"SA-SW204-20180727", "Modified EPA 537", "Initial", "1802094-12", "Vista", "2058-94-
8", "PFUnA", "3.92", "ng/L", "J", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.68", ""
"SA-SW204-20180727", "Modified EPA 537", "Initial", "1802094-12", "Vista", "335-77-
3", "PFDS", "5.68", "ng/L", "UU", "3.12", "LOD", "", "TRG", "", "", "9.11", "LOQ", "YES", "-99", "", "0.110", "0.001", "5.68", ""

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"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","72629-94-8","PFTTrDA","5.68","ng/L","UU","3.12","LOD","","TRG","","","9.11","LOQ","YES","-99","","0.110","0.001","5.68",
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"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","376-06-7","PFTeDA","5.68","ng/L","UU","3.12","LOD","","TRG","","","9.11","LOQ","YES","-99","","0.110","0.001","5.68",
"
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","13C3-PFBA","13C3-PFBA","97.5","%R","","-99","NA","","IS","97.5","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","13C3-PFPeA","13C3-PFPeA","90.9","%R","","-99","NA","","IS","90.9","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","13C3-PFBS","13C3-PFBS","107","%R","","-99","NA","","IS","107","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","13C2-PFHxA","13C2-PFHxA","91.2","%R","","-99","NA","","IS","91.2","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","13C4-PFHpA","13C4-PFHpA","87.5","%R","","-99","NA","","IS","87.5","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","18O2-PFHxS","18O2-PFHxS","86.6","%R","","-99","NA","","IS","86.6","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","13C2-PFOA","13C2-PFOA","79.5","%R","","-99","NA","","IS","79.5","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","13C5-PFNA","13C5-PFNA","73.4","%R","","-99","NA","","IS","73.4","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","13C8-PFOA","13C8-PFOA","34.5","%R","H","-99","NA","","IS","34.5","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","13C8-PFOS","13C8-PFOS","79.6","%R","","-99","NA","","IS","79.6","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","13C2-PFDA","13C2-PFDA","70.3","%R","","-99","NA","","IS","70.3","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","d3-MeFOSAA","d3-MeFOSAA","56.5","%R","","-99","NA","","IS","56.5","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","d5-EtFOSAA","d5-EtFOSAA","57.3","%R","","-99","NA","","IS","57.3","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","13C2-PFUnA","13C2-PFUnA","65.6","%R","","-99","NA","","IS","65.6","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","13C2-PFDoA","13C2-PFDoA","63.8","%R","","-99","NA","","IS","63.8","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW204-20180727","Modified EPA 537","Initial","1802094-12","Vista","13C2-PFTeDA","13C2-PFTeDA","64.8","%R","","-99","NA","","IS","64.8","","-99","NA","YES","100","","0.110","0.001","-99",
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","375-22-4","PFBA","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","2706-90-3","PFPeA","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","375-73-5","PFBS","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","307-24-4","PFHxA","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",
"
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","375-85-9","PFHpA","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",
"
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","355-46-

4","PFHxS","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","27619-97-2","6:2
FTS","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","335-67-
1","PFOA","4.78","ng/L","J","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","375-92-
8","PFHpS","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","375-95-
1","PFNA","54.7","ng/L","","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","754-91-
6","PFOSA","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",""
"
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","1763-23-
1","PFOS","3.62","ng/L","J","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","335-76-
2","PFDA","25.1","ng/L","","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","39108-34-4","8:2
FTS","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","2355-31-
9","MeFOSAA","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.0
1",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","2991-50-
6","EtFOSAA","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01
",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","2058-94-
8","PFUnA","55.9","ng/L","","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","335-77-
3","PFDS","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","307-55-
1","PFDoA","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",""
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"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","72629-94-
8","PFTTrDA","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",
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"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","376-06-
7","PFTeDA","6.01","ng/L","UU","3.29","LOD","","TRG","","","9.60","LOQ","YES","-99","","0.104","0.001","6.01",
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"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","13C3-PFBA","13C3-
PFBA","97.2","%R","","-99","NA","","IS","97.2","","-99","NA","YES","100","","0.104","0.001","-99",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","13C3-PFPeA","13C3-
PFPeA","91.9","%R","","-99","NA","","IS","91.9","","-99","NA","YES","100","","0.104","0.001","-99",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","13C3-PFBS","13C3-
PFBS","105","%R","","-99","NA","","IS","105","","-99","NA","YES","100","","0.104","0.001","-99",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","13C2-PFHxA","13C2-
PFHxA","93.9","%R","","-99","NA","","IS","93.9","","-99","NA","YES","100","","0.104","0.001","-99",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","13C4-PFHpA","13C4-
PFHpA","95.4","%R","","-99","NA","","IS","95.4","","-99","NA","YES","100","","0.104","0.001","-99",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","18O2-PFHxS","18O2-
PFHxS","93.7","%R","","-99","NA","","IS","93.7","","-99","NA","YES","100","","0.104","0.001","-99",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","13C2-PFOA","13C2-
PFOA","82.6","%R","","-99","NA","","IS","82.6","","-99","NA","YES","100","","0.104","0.001","-99",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","13C5-PFNA","13C5-
PFNA","78.1","%R","","-99","NA","","IS","78.1","","-99","NA","YES","100","","0.104","0.001","-99",""
"SA-SW301-20180727","Modified EPA 537","Initial","1802094-13","Vista","13C8-PFOSA","13C8-

PFOSA", "51.1", "%R", "", "-99", "NA", "", "IS", "51.1", "", "-99", "NA", "YES", "100", "", "0.104", "0.001", "-99", ""
"SA-SW301-20180727", "Modified EPA 537", "Initial", "1802094-13", "Vista", "13C8-PFOS", "13C8-
PFOS", "88.5", "%R", "", "-99", "NA", "", "IS", "88.5", "", "-99", "NA", "YES", "100", "", "0.104", "0.001", "-99", ""
"SA-SW301-20180727", "Modified EPA 537", "Initial", "1802094-13", "Vista", "13C2-PFDA", "13C2-
PFDA", "73.3", "%R", "", "-99", "NA", "", "IS", "73.3", "", "-99", "NA", "YES", "100", "", "0.104", "0.001", "-99", ""
"SA-SW301-20180727", "Modified EPA 537", "Initial", "1802094-13", "Vista", "d3-MeFOSAA", "d3-
MeFOSAA", "67.3", "%R", "", "-99", "NA", "", "IS", "67.3", "", "-99", "NA", "YES", "100", "", "0.104", "0.001", "-99", ""
"SA-SW301-20180727", "Modified EPA 537", "Initial", "1802094-13", "Vista", "d5-EtFOSAA", "d5-
EtFOSAA", "61.3", "%R", "", "-99", "NA", "", "IS", "61.3", "", "-99", "NA", "YES", "100", "", "0.104", "0.001", "-99", ""
"SA-SW301-20180727", "Modified EPA 537", "Initial", "1802094-13", "Vista", "13C2-PFUnA", "13C2-
PFUnA", "67.1", "%R", "", "-99", "NA", "", "IS", "67.1", "", "-99", "NA", "YES", "100", "", "0.104", "0.001", "-99", ""
"SA-SW301-20180727", "Modified EPA 537", "Initial", "1802094-13", "Vista", "13C2-PFDoA", "13C2-
PFDoA", "68.0", "%R", "", "-99", "NA", "", "IS", "68.0", "", "-99", "NA", "YES", "100", "", "0.104", "0.001", "-99", ""
"SA-SW301-20180727", "Modified EPA 537", "Initial", "1802094-13", "Vista", "13C2-PFTeDA", "13C2-
PFTeDA", "64.9", "%R", "", "-99", "NA", "", "IS", "64.9", "", "-99", "NA", "YES", "100", "", "0.104", "0.001", "-99", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "375-22-
4", "PFBA", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "2706-90-
3", "PFPeA", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "375-73-
5", "PFBS", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "307-24-
4", "PFHxA", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "375-85-
9", "PFHpA", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "355-46-
4", "PFHxS", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "27619-97-2", "6:2
FTS", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "335-67-
1", "PFOA", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "375-92-
8", "PFHpS", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "375-95-
1", "PFNA", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "754-91-
6", "PFOSA", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "1763-23-
1", "PFOS", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "335-76-
2", "PFDA", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "39108-34-4", "8:2
FTS", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "2355-31-
9", "MeFOSAA", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.4
3", ""
"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "2991-50-
6", "EtFOSAA", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43
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"EB01-072618", "Modified EPA 537", "Initial", "1802094-14", "Vista", "2058-94-
8", "PFUnA", "5.43", "ng/L", "UU", "2.98", "LOD", "", "TRG", "", "", "8.70", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", "

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"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","335-77-3","PFDS","5.43","ng/L","UU","2.98","LOD","","TRG","","","8.70","LOQ","YES","-99","","","0.115","0.001","5.43",""
"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","307-55-1","PFDaA","5.43","ng/L","UU","2.98","LOD","","TRG","","","8.70","LOQ","YES","-99","","","0.115","0.001","5.43",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","72629-94-8","PFTeDA","5.43","ng/L","UU","2.98","LOD","","TRG","","","8.70","LOQ","YES","-99","","","0.115","0.001","5.43",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","376-06-7","PFTeDA","5.43","ng/L","UU","2.98","LOD","","TRG","","","8.70","LOQ","YES","-99","","","0.115","0.001","5.43",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","13C3-PFBA","13C3-PFBA","94.7","%R","","-99","NA","","IS","94.7","","-99","NA","YES","100","","","0.115","0.001","-99",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","13C3-PFPeA","13C3-PFPeA","88.9","%R","","-99","NA","","IS","88.9","","-99","NA","YES","100","","","0.115","0.001","-99",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","13C3-PFBS","13C3-PFBS","105","%R","","-99","NA","","IS","105","","-99","NA","YES","100","","","0.115","0.001","-99",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","13C2-PFHxA","13C2-PFHxA","90.1","%R","","-99","NA","","IS","90.1","","-99","NA","YES","100","","","0.115","0.001","-99",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","13C4-PFHpA","13C4-PFHpA","94.0","%R","","-99","NA","","IS","94.0","","-99","NA","YES","100","","","0.115","0.001","-99",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","18O2-PFHxS","18O2-PFHxS","94.1","%R","","-99","NA","","IS","94.1","","-99","NA","YES","100","","","0.115","0.001","-99",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","13C2-PFOA","13C2-PFOA","82.3","%R","","-99","NA","","IS","82.3","","-99","NA","YES","100","","","0.115","0.001","-99",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","13C5-PFNA","13C5-PFNA","75.8","%R","","-99","NA","","IS","75.8","","-99","NA","YES","100","","","0.115","0.001","-99",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","13C8-PFOA","13C8-PFOA","35.9","%R","H","-99","NA","","IS","35.9","","-99","NA","YES","100","","","0.115","0.001","-99",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","13C8-PFOS","13C8-PFOS","85.7","%R","","-99","NA","","IS","85.7","","-99","NA","YES","100","","","0.115","0.001","-99",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","13C2-PFDA","13C2-PFDA","78.4","%R","","-99","NA","","IS","78.4","","-99","NA","YES","100","","","0.115","0.001","-99",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","d3-MeFOSAA","d3-MeFOSAA","69.1","%R","","-99","NA","","IS","69.1","","-99","NA","YES","100","","","0.115","0.001","-99",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","d5-EtFOSAA","d5-EtFOSAA","68.1","%R","","-99","NA","","IS","68.1","","-99","NA","YES","100","","","0.115","0.001","-99",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","13C2-PFUnA","13C2-PFUnA","69.3","%R","","-99","NA","","IS","69.3","","-99","NA","YES","100","","","0.115","0.001","-99",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","13C2-PFDoA","13C2-PFDoA","73.0","%R","","-99","NA","","IS","73.0","","-99","NA","YES","100","","","0.115","0.001","-99",""

"EB01-072618","Modified EPA 537","Initial","1802094-14","Vista","13C2-PFTeDA","13C2-PFTeDA","69.9","%R","","-99","NA","","IS","69.9","","-99","NA","YES","100","","","0.115","0.001","-99",""

"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","375-22-4","PFBA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","","0.119","0.001","5.25",""

"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","2706-90-3","PFPeA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","","0.119","0.001","5.25",""

"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","375-73-5","PFBS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","","0.119","0.001","5.25",""

"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","307-24-4","PFHxA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","","0.119","0.001","5.25",""

"

"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","375-85-

9","PFHpA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
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"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","355-46-
4","PFHxS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","27619-97-2","6:2
FTS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
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1","PFOA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","375-92-
8","PFHpS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","375-95-
1","PFNA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","754-91-
6","PFOSA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
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"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","1763-23-
1","PFOS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","335-76-
2","PFDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","39108-34-4","8:2
FTS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","2355-31-
9","MeFOSAA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.2
5",
"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","2991-50-
6","EtFOSAA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25
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"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","2058-94-
8","PFUnA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
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3","PFDS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
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8","PFTTrDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
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"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","376-06-
7","PFTeDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
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"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","13C3-PFPeA","13C3-
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"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","13C3-PFBS","13C3-
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"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","13C2-PFHxA","13C2-
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"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","13C4-PFHpA","13C4-
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"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","18O2-PFHxS","18O2-
PFHxS","93.0","%R","","-99","NA","","IS","93.0","","-99","NA","YES","100","","0.119","0.001","-99",
"FRB01-072618","Modified EPA 537","Initial","1802094-15","Vista","13C2-PFOA","13C2-

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PFNA", "81.4", "%R", "", "-99", "NA", "", "IS", "81.4", "", "-99", "NA", "YES", "100", "", "0.119", "0.001", "-99", ""
"FRB01-072618", "Modified EPA 537", "Initial", "1802094-15", "Vista", "13C8-PFOA", "13C8-
PFOA", "23.6", "%R", "H", "-99", "NA", "", "IS", "23.6", "", "-99", "NA", "YES", "100", "", "0.119", "0.001", "-99", ""
"FRB01-072618", "Modified EPA 537", "Initial", "1802094-15", "Vista", "13C8-PFOS", "13C8-
PFOS", "83.0", "%R", "", "-99", "NA", "", "IS", "83.0", "", "-99", "NA", "YES", "100", "", "0.119", "0.001", "-99", ""
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PFDA", "66.2", "%R", "", "-99", "NA", "", "IS", "66.2", "", "-99", "NA", "YES", "100", "", "0.119", "0.001", "-99", ""
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MeFOSAA", "69.0", "%R", "", "-99", "NA", "", "IS", "69.0", "", "-99", "NA", "YES", "100", "", "0.119", "0.001", "-99", ""
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EtFOSAA", "67.2", "%R", "", "-99", "NA", "", "IS", "67.2", "", "-99", "NA", "YES", "100", "", "0.119", "0.001", "-99", ""
"FRB01-072618", "Modified EPA 537", "Initial", "1802094-15", "Vista", "13C2-PFUnA", "13C2-
PFUnA", "62.7", "%R", "", "-99", "NA", "", "IS", "62.7", "", "-99", "NA", "YES", "100", "", "0.119", "0.001", "-99", ""
"FRB01-072618", "Modified EPA 537", "Initial", "1802094-15", "Vista", "13C2-PFDoA", "13C2-
PFDoA", "75.9", "%R", "", "-99", "NA", "", "IS", "75.9", "", "-99", "NA", "YES", "100", "", "0.119", "0.001", "-99", ""
"FRB01-072618", "Modified EPA 537", "Initial", "1802094-15", "Vista", "13C2-PFTeDA", "13C2-
PFTeDA", "79.1", "%R", "", "-99", "NA", "", "IS", "79.1", "", "-99", "NA", "YES", "100", "", "0.119", "0.001", "-99", ""
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4", "PFBA", "2.49", "ng/L", "UU", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.49", ""
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3", "PFPeA", "15.4", "ng/L", "", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.49", ""
"GW01-072618", "Modified EPA 537", "Initial", "1802094-16", "Vista", "375-73-
5", "PFBS", "2.49", "ng/L", "UU", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.49", ""
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4", "PFHxA", "14.7", "ng/L", "", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.49", ""
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9", "PFHpA", "4.87", "ng/L", "", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.49", ""
"GW01-072618", "Modified EPA 537", "Initial", "1802094-16", "Vista", "355-46-
4", "PFHxS", "1.79", "ng/L", "J", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.49", ""
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FTS", "2.49", "ng/L", "UU", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.49", ""
"GW01-072618", "Modified EPA 537", "Initial", "1802094-16", "Vista", "335-67-
1", "PFOA", "24.6", "ng/L", "", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.49", ""
"GW01-072618", "Modified EPA 537", "Initial", "1802094-16", "Vista", "375-92-
8", "PFHpS", "2.49", "ng/L", "UU", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.49", ""
"GW01-072618", "Modified EPA 537", "Initial", "1802094-16", "Vista", "375-95-
1", "PFNA", "186", "ng/L", "", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.49", ""
"GW01-072618", "Modified EPA 537", "Initial", "1802094-16", "Vista", "754-91-
6", "PFOA", "2.49", "ng/L", "UU", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.49", ""
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"GW01-072618", "Modified EPA 537", "Initial", "1802094-16", "Vista", "1763-23-
1", "PFOS", "12.3", "ng/L", "", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.49", ""
"GW01-072618", "Modified EPA 537", "Initial", "1802094-16", "Vista", "335-76-
2", "PFDA", "85.7", "ng/L", "", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.49", ""
"GW01-072618", "Modified EPA 537", "Initial", "1802094-16", "Vista", "39108-34-4", "8:2
FTS", "5.87", "ng/L", "", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.49", ""
"GW01-072618", "Modified EPA 537", "Initial", "1802094-16", "Vista", "2355-31-
9", "MeFOSAA", "2.49", "ng/L", "UU", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.4
9", ""
"GW01-072618", "Modified EPA 537", "Initial", "1802094-16", "Vista", "2991-50-
6", "EtFOSAA", "2.49", "ng/L", "UU", "1.36", "LOD", "", "TRG", "", "", "3.98", "LOQ", "YES", "-99", "", "0.251", "0.001", "2.49
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"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","2058-94-8","PFUnA","1570","ng/L","1.36","LOD","TRG","3.98","LOQ","YES",-99,"0.251","0.001","2.49","
"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","335-77-3","PFDS","2.49","ng/L","UU","1.36","LOD","TRG","3.98","LOQ","YES",-99,"0.251","0.001","2.49","
"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","307-55-1","PFDaA","2.61","ng/L","J","1.36","LOD","TRG","3.98","LOQ","YES",-99,"0.251","0.001","2.49","
"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","72629-94-8","PFTTrDA","4.63","ng/L","1.36","LOD","TRG","3.98","LOQ","YES",-99,"0.251","0.001","2.49","
"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","376-06-7","PFTeDA","2.49","ng/L","UU","1.36","LOD","TRG","3.98","LOQ","YES",-99,"0.251","0.001","2.49","
"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","13C3-PFBA","13C3-PFBA","92.9","%R",-99,"NA","IS","92.9",-99,"NA","YES","100","0.251","0.001",-99,"
"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","13C3-PFPeA","13C3-PFPeA","90.1","%R",-99,"NA","IS","90.1",-99,"NA","YES","100","0.251","0.001",-99,"
"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","13C3-PFBS","13C3-PFBS","104","%R",-99,"NA","IS","104",-99,"NA","YES","100","0.251","0.001",-99,"
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"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","13C4-PFHpA","13C4-PFHpA","97.3","%R",-99,"NA","IS","97.3",-99,"NA","YES","100","0.251","0.001",-99,"
"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","18O2-PFHxS","18O2-PFHxS","92.4","%R",-99,"NA","IS","92.4",-99,"NA","YES","100","0.251","0.001",-99,"
"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","13C2-PFOA","13C2-PFOA","81.4","%R",-99,"NA","IS","81.4",-99,"NA","YES","100","0.251","0.001",-99,"
"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","13C5-PFNA","13C5-PFNA","76.1","%R",-99,"NA","IS","76.1",-99,"NA","YES","100","0.251","0.001",-99,"
"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","13C8-PFOA","13C8-PFOA","40.7","%R","H",-99,"NA","IS","40.7",-99,"NA","YES","100","0.251","0.001",-99,"
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"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","13C2-PFDA","13C2-PFDA","62.3","%R",-99,"NA","IS","62.3",-99,"NA","YES","100","0.251","0.001",-99,"
"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","d3-MeFOSAA","d3-MeFOSAA","61.7","%R",-99,"NA","IS","61.7",-99,"NA","YES","100","0.251","0.001",-99,"
"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","d5-EtFOSAA","d5-EtFOSAA","64.8","%R",-99,"NA","IS","64.8",-99,"NA","YES","100","0.251","0.001",-99,"
"GW01-072618","Modified EPA 537","Initial","1802094-16","Vista","13C2-PFUnA","13C2-PFUnA","63.1","%R",-99,"NA","IS","63.1",-99,"NA","YES","100","0.251","0.001",-99,"
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"SA-DUP-01-20180726","Modified EPA 537","Initial","1802094-17","Vista","375-22-4","PFBA","2.25","ng/L","J","1.31","LOD","TRG","3.83","LOQ","YES",-99,"0.261","0.001","2.39","
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"SA-DUP-01-20180726","Modified EPA 537","Initial","1802094-17","Vista","307-24-4","PFHxA","3.35","ng/L","J","1.31","LOD","TRG","3.83","LOQ","YES",-99,"0.261","0.001","2.39","
"SA-DUP-01-20180726","Modified EPA 537","Initial","1802094-17","Vista","375-85-9","PFHpA","3.54","ng/L","J","1.31","LOD","TRG","3.83","LOQ","YES",-99,"0.261","0.001","2.39","
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4","PFHxS","2.39","ng/L","UU","1.31","LOD","","TRG","","","3.83","LOQ","YES","-99","","0.261","0.001","2.39",""
"SA-DUP-01-20180726","Modified EPA 537","Initial","1802094-17","Vista","27619-97-2","6:2
FTS","2.39","ng/L","UU","1.31","LOD","","TRG","","","3.83","LOQ","YES","-99","","0.261","0.001","2.39",""
"SA-DUP-01-20180726","Modified EPA 537","Initial","1802094-17","Vista","335-67-
1","PFOA","6.68","ng/L","","1.31","LOD","","TRG","","","3.83","LOQ","YES","-99","","0.261","0.001","2.39",""
"SA-DUP-01-20180726","Modified EPA 537","Initial","1802094-17","Vista","375-92-
8","PFHpS","2.39","ng/L","UU","1.31","LOD","","TRG","","","3.83","LOQ","YES","-99","","0.261","0.001","2.39",""
"SA-DUP-01-20180726","Modified EPA 537","Initial","1802094-17","Vista","375-95-
1","PFNA","54.7","ng/L","","1.31","LOD","","TRG","","","3.83","LOQ","YES","-99","","0.261","0.001","2.39",""
"SA-DUP-01-20180726","Modified EPA 537","Initial","1802094-17","Vista","754-91-
6","PFOSA","2.39","ng/L","UU","1.31","LOD","","TRG","","","3.83","LOQ","YES","-99","","0.261","0.001","2.39",""
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"SA-DUP-01-20180726","Modified EPA 537","Initial","1802094-17","Vista","1763-23-
1","PFOS","2.77","ng/L","J","1.31","LOD","","TRG","","","3.83","LOQ","YES","-99","","0.261","0.001","2.39",""
"SA-DUP-01-20180726","Modified EPA 537","Initial","1802094-17","Vista","335-76-
2","PFDA","4.54","ng/L","","1.31","LOD","","TRG","","","3.83","LOQ","YES","-99","","0.261","0.001","2.39",""
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FTS","2.39","ng/L","UU","1.31","LOD","","TRG","","","3.83","LOQ","YES","-99","","0.261","0.001","2.39",""
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9","MeFOSAA","2.39","ng/L","UU","1.31","LOD","","TRG","","","3.83","LOQ","YES","-99","","0.261","0.001","2.3
9",""
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"SA-DUP-01-20180726","Modified EPA 537","Initial","1802094-17","Vista","13C3-PFPeA","13C3-
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"SA-DUP-01-20180726","Modified EPA 537","Initial","1802094-17","Vista","18O2-PFHxS","18O2-
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"SA-DUP-01-20180726","Modified EPA 537","Initial","1802094-17","Vista","13C2-PFOA","13C2-
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"SA-DUP-01-20180726","Modified EPA 537","Initial","1802094-17","Vista","13C5-PFNA","13C5-
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PFOSA", "23.7", "%R", "H", "-99", "NA", "", "IS", "23.7", "", "-99", "NA", "YES", "100", "", "0.261", "0.001", "-99", ""
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8", "PFHpS", "5.34", "ng/L", "UU", "2.93", "LOD", "", "TRG", "", "", "8.55", "LOQ", "YES", "-99", "", "0.117", "0.001", "5.34", ""
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6", "PFOSA", "5.34", "ng/L", "UU", "2.93", "LOD", "", "TRG", "", "", "8.55", "LOQ", "YES", "-99", "", "0.117", "0.001", "5.34", ""
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"EB02-072718","Modified EPA 537","Initial","1802094-18","Vista","72629-94-8","PFTeDA","5.34","ng/L","UU","2.93","LOD","","TRG","","","8.55","LOQ","YES","-99","","0.117","0.001","5.34",""

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"EB02-072718","Modified EPA 537","Initial","1802094-18","Vista","13C2-PFHxA","13C2-PFHxA","98.0","%R","","-99","NA","","IS","98.0","","-99","NA","YES","100","","0.117","0.001","-99",""

"EB02-072718","Modified EPA 537","Initial","1802094-18","Vista","13C4-PFHpA","13C4-PFHpA","101","%R","","-99","NA","","IS","101","","-99","NA","YES","100","","0.117","0.001","-99",""

"EB02-072718","Modified EPA 537","Initial","1802094-18","Vista","18O2-PFHxS","18O2-PFHxS","101","%R","","-99","NA","","IS","101","","-99","NA","YES","100","","0.117","0.001","-99",""

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"EB02-072718","Modified EPA 537","Initial","1802094-18","Vista","13C5-PFNA","13C5-PFNA","81.4","%R","","-99","NA","","IS","81.4","","-99","NA","YES","100","","0.117","0.001","-99",""

"EB02-072718","Modified EPA 537","Initial","1802094-18","Vista","13C8-PFOA","13C8-PFOA","32.4","%R","H","-99","NA","","IS","32.4","","-99","NA","YES","100","","0.117","0.001","-99",""

"EB02-072718","Modified EPA 537","Initial","1802094-18","Vista","13C8-PFOS","13C8-PFOS","96.6","%R","","-99","NA","","IS","96.6","","-99","NA","YES","100","","0.117","0.001","-99",""

"EB02-072718","Modified EPA 537","Initial","1802094-18","Vista","13C2-PFDA","13C2-PFDA","76.3","%R","","-99","NA","","IS","76.3","","-99","NA","YES","100","","0.117","0.001","-99",""

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"EB02-072718","Modified EPA 537","Initial","1802094-18","Vista","d5-EtFOSAA","d5-EtFOSAA","70.9","%R","","-99","NA","","IS","70.9","","-99","NA","YES","100","","0.117","0.001","-99",""

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"EB02-072718","Modified EPA 537","Initial","1802094-18","Vista","13C2-PFDoA","13C2-PFDoA","67.9","%R","","-99","NA","","IS","67.9","","-99","NA","YES","100","","0.117","0.001","-99",""

"EB02-072718","Modified EPA 537","Initial","1802094-18","Vista","13C2-PFTeDA","13C2-PFTeDA","79.7","%R","","-99","NA","","IS","79.7","","-99","NA","YES","100","","0.117","0.001","-99",""

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"FRB02-072718","Modified EPA 537","Initial","1802094-19","Vista","2706-90-3","PFPeA","5.53","ng/L","UU","3.03","LOD","","TRG","","","8.85","LOQ","YES","-99","","0.113","0.001","5.53",""

"FRB02-072718","Modified EPA 537","Initial","1802094-19","Vista","375-73-5","PFBS","5.53","ng/L","UU","3.03","LOD","","TRG","","","8.85","LOQ","YES","-99","","0.113","0.001","5.53",""

"FRB02-072718","Modified EPA 537","Initial","1802094-19","Vista","307-24-4","PFHxA","5.53","ng/L","UU","3.03","LOD","","TRG","","","8.85","LOQ","YES","-99","","0.113","0.001","5.53",""

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"FRB02-072718","Modified EPA 537","Initial","1802094-19","Vista","375-85-

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1","PFOS","5.53","ng/L","UU","3.03","LOD","","TRG","","","8.85","LOQ","YES","-99","","0.113","0.001","5.53",
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"FRB02-072718","Modified EPA 537","Initial","1802094-19","Vista","376-06-
7","PFTeDA","5.53","ng/L","UU","3.03","LOD","","TRG","","","8.85","LOQ","YES","-99","","0.113","0.001","5.53",
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"FRB02-072718","Modified EPA 537","Initial","1802094-19","Vista","13C4-PFHpA","13C4-
PFHpA","94.3","%R","","-99","NA","","IS","94.3","","-99","NA","YES","100","","0.113","0.001","-99",
"FRB02-072718","Modified EPA 537","Initial","1802094-19","Vista","18O2-PFHxS","18O2-
PFHxS","96.4","%R","","-99","NA","","IS","96.4","","-99","NA","YES","100","","0.113","0.001","-99",
"FRB02-072718","Modified EPA 537","Initial","1802094-19","Vista","13C2-PFOA","13C2-

PFOA", "83.1", "%R", "", "-99", "NA", "", "IS", "83.1", "", "-99", "NA", "YES", "100", "", "0.113", "0.001", "-99", ""
"FRB02-072718", "Modified EPA 537", "Initial", "1802094-19", "Vista", "13C5-PFNA", "13C5-
PFNA", "77.6", "%R", "", "-99", "NA", "", "IS", "77.6", "", "-99", "NA", "YES", "100", "", "0.113", "0.001", "-99", ""
"FRB02-072718", "Modified EPA 537", "Initial", "1802094-19", "Vista", "13C8-PFOA", "13C8-
PFOA", "17.7", "%R", "H", "-99", "NA", "", "IS", "17.7", "", "-99", "NA", "YES", "100", "", "0.113", "0.001", "-99", ""
"FRB02-072718", "Modified EPA 537", "Initial", "1802094-19", "Vista", "13C8-PFOS", "13C8-
PFOS", "87.9", "%R", "", "-99", "NA", "", "IS", "87.9", "", "-99", "NA", "YES", "100", "", "0.113", "0.001", "-99", ""
"FRB02-072718", "Modified EPA 537", "Initial", "1802094-19", "Vista", "13C2-PFDA", "13C2-
PFDA", "62.6", "%R", "", "-99", "NA", "", "IS", "62.6", "", "-99", "NA", "YES", "100", "", "0.113", "0.001", "-99", ""
"FRB02-072718", "Modified EPA 537", "Initial", "1802094-19", "Vista", "d3-MeFOSAA", "d3-
MeFOSAA", "59.6", "%R", "", "-99", "NA", "", "IS", "59.6", "", "-99", "NA", "YES", "100", "", "0.113", "0.001", "-99", ""
"FRB02-072718", "Modified EPA 537", "Initial", "1802094-19", "Vista", "d5-EtFOSAA", "d5-
EtFOSAA", "60.4", "%R", "", "-99", "NA", "", "IS", "60.4", "", "-99", "NA", "YES", "100", "", "0.113", "0.001", "-99", ""
"FRB02-072718", "Modified EPA 537", "Initial", "1802094-19", "Vista", "13C2-PFUnA", "13C2-
PFUnA", "51.6", "%R", "", "-99", "NA", "", "IS", "51.6", "", "-99", "NA", "YES", "100", "", "0.113", "0.001", "-99", ""
"FRB02-072718", "Modified EPA 537", "Initial", "1802094-19", "Vista", "13C2-PFDoA", "13C2-
PFDoA", "49.8", "%R", "H", "-99", "NA", "", "IS", "49.8", "", "-99", "NA", "YES", "100", "", "0.113", "0.001", "-99", ""
"FRB02-072718", "Modified EPA 537", "Initial", "1802094-19", "Vista", "13C2-PFTeDA", "13C2-
PFTeDA", "30.5", "%R", "H", "-99", "NA", "", "IS", "30.5", "", "-99", "NA", "YES", "100", "", "0.113", "0.001", "-99", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "375-22-
4", "PFBA", "2.50", "ng/L", "UU", "1.37", "LOD", "", "TRG", "", "", "4.00", "LOQ", "YES", "-99", "", "0.250", "0.001", "2.50", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "2706-90-
3", "PFPeA", "2.50", "ng/L", "UU", "1.37", "LOD", "", "TRG", "", "", "4.00", "LOQ", "YES", "-99", "", "0.250", "0.001", "2.50", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "375-73-
5", "PFBS", "2.50", "ng/L", "UU", "1.37", "LOD", "", "TRG", "", "", "4.00", "LOQ", "YES", "-99", "", "0.250", "0.001", "2.50", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "307-24-
4", "PFHxA", "2.50", "ng/L", "UU", "1.37", "LOD", "", "TRG", "", "", "4.00", "LOQ", "YES", "-99", "", "0.250", "0.001", "2.50", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "375-85-
9", "PFHpA", "2.50", "ng/L", "UU", "1.37", "LOD", "", "TRG", "", "", "4.00", "LOQ", "YES", "-99", "", "0.250", "0.001", "2.50", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "355-46-
4", "PFHxS", "2.50", "ng/L", "UU", "1.37", "LOD", "", "TRG", "", "", "4.00", "LOQ", "YES", "-99", "", "0.250", "0.001", "2.50", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "27619-97-2", "6:2
FTS", "2.50", "ng/L", "UU", "1.37", "LOD", "", "TRG", "", "", "4.00", "LOQ", "YES", "-99", "", "0.250", "0.001", "2.50", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "335-67-
1", "PFOA", "2.50", "ng/L", "UU", "1.37", "LOD", "", "TRG", "", "", "4.00", "LOQ", "YES", "-99", "", "0.250", "0.001", "2.50", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "375-92-
8", "PFHpS", "2.50", "ng/L", "UU", "1.37", "LOD", "", "TRG", "", "", "4.00", "LOQ", "YES", "-99", "", "0.250", "0.001", "2.50", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "375-95-
1", "PFNA", "2.50", "ng/L", "UU", "1.37", "LOD", "", "TRG", "", "", "4.00", "LOQ", "YES", "-99", "", "0.250", "0.001", "2.50", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "754-91-
6", "PFOA", "2.50", "ng/L", "UU", "1.37", "LOD", "", "TRG", "", "", "4.00", "LOQ", "YES", "-99", "", "0.250", "0.001", "2.50", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "1763-23-
1", "PFOS", "2.50", "ng/L", "UU", "1.37", "LOD", "", "TRG", "", "", "4.00", "LOQ", "YES", "-99", "", "0.250", "0.001", "2.50", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "335-76-
2", "PFDA", "2.50", "ng/L", "UU", "1.37", "LOD", "", "TRG", "", "", "4.00", "LOQ", "YES", "-99", "", "0.250", "0.001", "2.50", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "39108-34-4", "8:2
FTS", "2.50", "ng/L", "UU", "1.37", "LOD", "", "TRG", "", "", "4.00", "LOQ", "YES", "-99", "", "0.250", "0.001", "2.50", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "2355-31-
9", "MeFOSAA", "2.50", "ng/L", "UU", "1.37", "LOD", "", "TRG", "", "", "4.00", "LOQ", "YES", "-99", "", "0.250", "0.001", "2.5
0", ""
"B8H0014-BLK1", "Modified EPA 537", "Initial", "B8H0014-BLK1", "Vista", "2991-50-

"6","EtFOSAA","2.50","ng/L","UU","1.37","LOD","","TRG","","","4.00","LOQ","YES",-99","","0.250","0.001","2.50",
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"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","2058-94-
8","PFUnA","2.50","ng/L","UU","1.37","LOD","","TRG","","","4.00","LOQ","YES",-99","","0.250","0.001","2.50",
"
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","335-77-
3","PFDS","2.50","ng/L","UU","1.37","LOD","","TRG","","","4.00","LOQ","YES",-99","","0.250","0.001","2.50",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","307-55-
1","PFDaA","2.50","ng/L","UU","1.37","LOD","","TRG","","","4.00","LOQ","YES",-99","","0.250","0.001","2.50",
"
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","72629-94-
8","PFTTrDA","2.50","ng/L","UU","1.37","LOD","","TRG","","","4.00","LOQ","YES",-99","","0.250","0.001","2.50",
"
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","376-06-
7","PFTeDA","2.50","ng/L","UU","1.37","LOD","","TRG","","","4.00","LOQ","YES",-99","","0.250","0.001","2.50",
"
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","13C3-PFBA","13C3-
PFBA","99.9","%R","","-99","NA","","IS","99.9","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","13C3-PFPeA","13C3-
PFPeA","94.6","%R","","-99","NA","","IS","94.6","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","13C3-PFBS","13C3-
PFBS","113","%R","","-99","NA","","IS","113","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","13C2-PFHxA","13C2-
PFHxA","97.8","%R","","-99","NA","","IS","97.8","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","13C4-PFHpA","13C4-
PFHpA","104","%R","","-99","NA","","IS","104","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","18O2-PFHxS","18O2-
PFHxS","98.0","%R","","-99","NA","","IS","98.0","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","13C2-PFOA","13C2-
PFOA","90.5","%R","","-99","NA","","IS","90.5","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","13C5-PFNA","13C5-
PFNA","79.2","%R","","-99","NA","","IS","79.2","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","13C8-PFOA","13C8-
PFOA","34.6","%R","H",-99,"NA","","IS","34.6","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","13C8-PFOS","13C8-
PFOS","95.9","%R","","-99","NA","","IS","95.9","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","13C2-PFDA","13C2-
PFDA","71.6","%R","","-99","NA","","IS","71.6","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","d3-MeFOSAA","d3-
MeFOSAA","61.1","%R","","-99","NA","","IS","61.1","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","d5-EtFOSAA","d5-
EtFOSAA","64.8","%R","","-99","NA","","IS","64.8","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","13C2-PFUnA","13C2-
PFUnA","64.0","%R","","-99","NA","","IS","64.0","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","13C2-PFDoA","13C2-
PFDoA","65.9","%R","","-99","NA","","IS","65.9","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BLK1","Modified EPA 537","Initial","B8H0014-BLK1","Vista","13C2-PFTeDA","13C2-
PFTeDA","71.1","%R","","-99","NA","","IS","71.1","","-99","NA","YES","100","","0.250","0.001",-99",
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","375-22-
4","PFBA","39.2","ng/L","","1.37","LOD","","TRG","98.1","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",
"
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","2706-90-
3","PFPeA","41.0","ng/L","","1.37","LOD","","TRG","102","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",
"
"

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","375-73-5","PFBS","39.4","ng/L","","1.37","LOD","","TRG","98.4","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","307-24-4","PFHxA","42.0","ng/L","","1.37","LOD","","TRG","105","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","375-85-9","PFHpA","41.0","ng/L","","1.37","LOD","","TRG","102","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","355-46-4","PFHxS","42.7","ng/L","","1.37","LOD","","TRG","107","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","27619-97-2","6:2 FTS","43.5","ng/L","","1.37","LOD","","TRG","109","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","335-67-1","PFOA","41.5","ng/L","","1.37","LOD","","TRG","104","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","375-92-8","PFHpS","45.2","ng/L","","1.37","LOD","","TRG","113","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","375-95-1","PFNA","38.4","ng/L","","1.37","LOD","","TRG","96.0","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","754-91-6","PFOSA","38.9","ng/L","","1.37","LOD","","TRG","97.3","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","1763-23-1","PFOS","43.6","ng/L","","1.37","LOD","","TRG","109","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","335-76-2","PFDA","40.7","ng/L","","1.37","LOD","","TRG","102","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","39108-34-4","8:2 FTS","42.5","ng/L","","1.37","LOD","","TRG","106","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","2355-31-9","MeFOSAA","39.8","ng/L","","1.37","LOD","","TRG","99.6","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","2991-50-6","EtFOSAA","38.8","ng/L","","1.37","LOD","","TRG","96.9","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","2058-94-8","PFUnA","42.6","ng/L","","1.37","LOD","","TRG","106","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","335-77-3","PFDS","41.1","ng/L","","1.37","LOD","","TRG","103","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","307-55-1","PFDoA","42.2","ng/L","","1.37","LOD","","TRG","106","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","72629-94-8","PFTTrDA","43.0","ng/L","","1.37","LOD","","TRG","107","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","376-06-7","PFTeDA","42.6","ng/L","","1.37","LOD","","TRG","107","","4.00","LOQ","YES","40.0","","0.250","0.001","2.50",""

"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","13C3-PFBA","13C3-

PFBA","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","13C3-PFPeA","13C3-
PFPeA","97.2","%R","","-99","NA","","IS","97.2","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","13C3-PFBS","13C3-
PFBS","111","%R","","-99","NA","","IS","111","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","13C2-PFHxA","13C2-
PFHxA","97.6","%R","","-99","NA","","IS","97.6","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","13C4-PFHpA","13C4-
PFHpA","97.3","%R","","-99","NA","","IS","97.3","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","18O2-PFHxS","18O2-
PFHxS","100","%R","","-99","NA","","IS","100","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","13C2-PFOA","13C2-
PFOA","94.0","%R","","-99","NA","","IS","94.0","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","13C5-PFNA","13C5-
PFNA","89.3","%R","","-99","NA","","IS","89.3","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","13C8-PFOA","13C8-
PFOA","23.9","%R","H","-99","NA","","IS","23.9","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","13C8-PFOS","13C8-
PFOS","96.9","%R","","-99","NA","","IS","96.9","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","13C2-PFDA","13C2-
PFDA","78.9","%R","","-99","NA","","IS","78.9","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","d3-MeFOSAA","d3-
MeFOSAA","69.9","%R","","-99","NA","","IS","69.9","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","d5-EtFOSAA","d5-
EtFOSAA","76.0","%R","","-99","NA","","IS","76.0","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","13C2-PFUnA","13C2-
PFUnA","69.4","%R","","-99","NA","","IS","69.4","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","13C2-PFDoA","13C2-
PFDoA","75.3","%R","","-99","NA","","IS","75.3","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-BS1","Modified EPA 537","Initial","B8H0014-BS1","Vista","13C2-PFTeDA","13C2-
PFTeDA","78.7","%R","","-99","NA","","IS","78.7","","-99","NA","YES","100","","0.250","0.001","-99",""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","375-22-
4","PFBA","39.8","ng/L","","1.36","LOD","","TRG","101","","3.96","LOQ","YES","39.6","SA-PZ171I-
20180727","0.253","0.001","2.47",""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","2706-90-
3","PFPeA","50.1","ng/L","","1.36","LOD","","TRG","106","","3.96","LOQ","YES","39.6","SA-PZ171I-
20180727","0.253","0.001","2.47",""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","375-73-
5","PFBS","39.7","ng/L","","1.36","LOD","","TRG","100","","3.96","LOQ","YES","39.6","SA-PZ171I-
20180727","0.253","0.001","2.47",""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","307-24-
4","PFHxA","50.6","ng/L","","1.36","LOD","","TRG","105","","3.96","LOQ","YES","39.6","SA-PZ171I-
20180727","0.253","0.001","2.47",""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","375-85-
9","PFHpA","57.0","ng/L","","1.36","LOD","","TRG","94.7","","3.96","LOQ","YES","39.6","SA-PZ171I-
20180727","0.253","0.001","2.47",""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","355-46-
4","PFHxS","42.0","ng/L","","1.36","LOD","","TRG","103","","3.96","LOQ","YES","39.6","SA-PZ171I-
20180727","0.253","0.001","2.47",""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","27619-97-2","6:2
FTS","53.6","ng/L","","1.36","LOD","","TRG","105","","3.96","LOQ","YES","39.6","SA-PZ171I-
20180727","0.253","0.001","2.47",""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","335-67-
1","PFOA","81.2","ng/L","","1.36","LOD","","TRG","114","","3.96","LOQ","YES","39.6","SA-PZ171I-

20180727","0.253","0.001","2.47", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","375-92-8","PFHpS","44.4","ng/L", "", "1.36","LOD", "", "TRG","112", "", "3.96","LOQ","YES","39.6","SA-PZ171I-20180727","0.253","0.001","2.47", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","375-95-1","PFNA","1100","ng/L","H", "1.36","LOD", "", "TRG","20.8", "", "3.96","LOQ","YES","39.6","SA-PZ171I-20180727","0.253","0.001","2.47", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","754-91-6","PFOSA","39.7","ng/L", "", "1.36","LOD", "", "TRG","100", "", "3.96","LOQ","YES","39.6","SA-PZ171I-20180727","0.253","0.001","2.47", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","1763-23-1","PFOS","50.7","ng/L", "", "1.36","LOD", "", "TRG","107", "", "3.96","LOQ","YES","39.6","SA-PZ171I-20180727","0.253","0.001","2.47", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","335-76-2","PFDA","62.9","ng/L", "", "1.36","LOD", "", "TRG","88.4", "", "3.96","LOQ","YES","39.6","SA-PZ171I-20180727","0.253","0.001","2.47", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","39108-34-4","8:2 FTS","41.3","ng/L", "", "1.36","LOD", "", "TRG","92.2", "", "3.96","LOQ","YES","39.6","SA-PZ171I-20180727","0.253","0.001","2.47", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","2355-31-9","MeFOSAA","40.4","ng/L", "", "1.36","LOD", "", "TRG","102", "", "3.96","LOQ","YES","39.6","SA-PZ171I-20180727","0.253","0.001","2.47", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","2991-50-6","EtFOSAA","45.3","ng/L", "", "1.36","LOD", "", "TRG","100", "", "3.96","LOQ","YES","39.6","SA-PZ171I-20180727","0.253","0.001","2.47", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","2058-94-8","PFUnA","737","ng/L","H", "1.36","LOD", "", "TRG","212", "", "3.96","LOQ","YES","39.6","SA-PZ171I-20180727","0.253","0.001","2.47", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","335-77-3","PFDS","39.5","ng/L", "", "1.36","LOD", "", "TRG","99.9", "", "3.96","LOQ","YES","39.6","SA-PZ171I-20180727","0.253","0.001","2.47", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","307-55-1","PFDoA","40.7","ng/L", "", "1.36","LOD", "", "TRG","103", "", "3.96","LOQ","YES","39.6","SA-PZ171I-20180727","0.253","0.001","2.47", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","72629-94-8","PFTrDA","41.1","ng/L", "", "1.36","LOD", "", "TRG","104", "", "3.96","LOQ","YES","39.6","SA-PZ171I-20180727","0.253","0.001","2.47", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","376-06-7","PFTeDA","43.6","ng/L", "", "1.36","LOD", "", "TRG","110", "", "3.96","LOQ","YES","39.6","SA-PZ171I-20180727","0.253","0.001","2.47", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","13C3-PFBA","13C3-PFBA","98.3","%R", "", "-99","NA", "", "IS","98.3", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.253","0.001","-99", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","13C3-PFPeA","13C3-PFPeA","93.8","%R", "", "-99","NA", "", "IS","93.8", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.253","0.001","-99", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","13C3-PFBS","13C3-PFBS","107","%R", "", "-99","NA", "", "IS","107", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.253","0.001","-99", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","13C2-PFHxA","13C2-PFHxA","94.8","%R", "", "-99","NA", "", "IS","94.8", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.253","0.001","-99", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","13C4-PFHpA","13C4-PFHpA","98.8","%R", "", "-99","NA", "", "IS","98.8", "", "-99","NA","YES","100","SA-PZ171I-

20180727","0.253","0.001","-99", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","18O2-PFHxS","18O2-
PFHxS","93.4","%R", "", "-99","NA", "", "IS","93.4", "", "-99","NA","YES","100","SA-PZ171I-
20180727","0.253","0.001", "-99", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","13C2-PFOA","13C2-
PFOA","85.3","%R", "", "-99","NA", "", "IS","85.3", "", "-99","NA","YES","100","SA-PZ171I-
20180727","0.253","0.001", "-99", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","13C5-PFNA","13C5-
PFNA","84.5","%R", "", "-99","NA", "", "IS","84.5", "", "-99","NA","YES","100","SA-PZ171I-
20180727","0.253","0.001", "-99", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","13C8-PFOSA","13C8-
PFOSA","29.4","%R","H", "-99","NA", "", "IS","29.4", "", "-99","NA","YES","100","SA-PZ171I-
20180727","0.253","0.001", "-99", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","13C8-PFOS","13C8-
PFOS","96.2","%R", "", "-99","NA", "", "IS","96.2", "", "-99","NA","YES","100","SA-PZ171I-
20180727","0.253","0.001", "-99", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","13C2-PFDA","13C2-
PFDA","81.6","%R", "", "-99","NA", "", "IS","81.6", "", "-99","NA","YES","100","SA-PZ171I-
20180727","0.253","0.001", "-99", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","d3-MeFOSAA","d3-
MeFOSAA","88.4","%R", "", "-99","NA", "", "IS","88.4", "", "-99","NA","YES","100","SA-PZ171I-
20180727","0.253","0.001", "-99", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","d5-EtFOSAA","d5-
EtFOSAA","82.8","%R", "", "-99","NA", "", "IS","82.8", "", "-99","NA","YES","100","SA-PZ171I-
20180727","0.253","0.001", "-99", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","13C2-PFUnA","13C2-
PFUnA","80.9","%R", "", "-99","NA", "", "IS","80.9", "", "-99","NA","YES","100","SA-PZ171I-
20180727","0.253","0.001", "-99", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","13C2-PFDoA","13C2-
PFDoA","84.7","%R", "", "-99","NA", "", "IS","84.7", "", "-99","NA","YES","100","SA-PZ171I-
20180727","0.253","0.001", "-99", ""
"B8H0014-MS1","Modified EPA 537","Initial","B8H0014-MS1","Vista","13C2-PFTeDA","13C2-
PFTeDA","101","%R", "", "-99","NA", "", "IS","101", "", "-99","NA","YES","100","SA-PZ171I-
20180727","0.253","0.001", "-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","375-22-
4","PFBA","38.9","ng/L", "", "1.34","LOD", "", "TRG","99.7","1.30","3.90","LOQ","YES","39.0","SA-PZ171I-
20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","2706-90-
3","PFPeA","49.9","ng/L", "", "1.34","LOD", "", "TRG","107","0.939","3.90","LOQ","YES","39.0","SA-PZ171I-
20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","375-73-
5","PFBS","41.5","ng/L", "", "1.34","LOD", "", "TRG","106","5.83","3.90","LOQ","YES","39.0","SA-PZ171I-
20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","307-24-
4","PFHxA","50.5","ng/L", "", "1.34","LOD", "", "TRG","106","0.948","3.90","LOQ","YES","39.0","SA-PZ171I-
20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","375-85-
9","PFHpA","58.4","ng/L", "", "1.34","LOD", "", "TRG","99.6","5.04","3.90","LOQ","YES","39.0","SA-PZ171I-
20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","355-46-
4","PFHxS","41.0","ng/L", "", "1.34","LOD", "", "TRG","102","0.976","3.90","LOQ","YES","39.0","SA-PZ171I-
20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","27619-97-2","6:2
FTS","57.5","ng/L", "", "1.34","LOD", "", "TRG","117","10.8","3.90","LOQ","YES","39.0","SA-PZ171I-

20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","335-67-1","PFOA","80.6","ng/L", "", "1.34","LOD", "", "TRG", "114", "0", "3.90", "LOQ", "YES", "39.0", "SA-PZ171I-20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","375-92-8","PFHpS","44.4","ng/L", "", "1.34","LOD", "", "TRG", "114", "1.77", "3.90", "LOQ", "YES", "39.0", "SA-PZ171I-20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","375-95-1","PFNA","1080","ng/L", "H", "1.34","LOD", "", "TRG", "-23.7", "3070", "3.90", "LOQ", "YES", "39.0", "SA-PZ171I-20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","754-91-6","PFOSA","41.2","ng/L", "", "1.34","LOD", "", "TRG", "106", "5.83", "3.90", "LOQ", "YES", "39.0", "SA-PZ171I-20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","1763-23-1","PFOS","51.6","ng/L", "", "1.34","LOD", "", "TRG", "111", "3.67", "3.90", "LOQ", "YES", "39.0", "SA-PZ171I-20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","335-76-2","PFDA","64.5","ng/L", "", "1.34","LOD", "", "TRG", "93.8", "5.93", "3.90", "LOQ", "YES", "39.0", "SA-PZ171I-20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","39108-34-4","8:2 FTS","47.4","ng/L", "", "1.34","LOD", "", "TRG", "109", "16.7", "3.90", "LOQ", "YES", "39.0", "SA-PZ171I-20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","2355-31-9","MeFOSAA","36.9","ng/L", "", "1.34","LOD", "", "TRG", "94.7", "7.42", "3.90", "LOQ", "YES", "39.0", "SA-PZ171I-20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","2991-50-6","EtFOSAA","43.4","ng/L", "", "1.34","LOD", "", "TRG", "96.7", "3.36", "3.90", "LOQ", "YES", "39.0", "SA-PZ171I-20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","2058-94-8","PFUnA","746","ng/L", "H", "1.34","LOD", "", "TRG", "237", "11.1", "3.90", "LOQ", "YES", "39.0", "SA-PZ171I-20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","335-77-3","PFDS","40.2","ng/L", "", "1.34","LOD", "", "TRG", "103", "3.06", "3.90", "LOQ", "YES", "39.0", "SA-PZ171I-20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","307-55-1","PFDoA","43.8","ng/L", "", "1.34","LOD", "", "TRG", "112", "8.37", "3.90", "LOQ", "YES", "39.0", "SA-PZ171I-20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","72629-94-8","PFTrDA","42.1","ng/L", "", "1.34","LOD", "", "TRG", "108", "3.77", "3.90", "LOQ", "YES", "39.0", "SA-PZ171I-20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","376-06-7","PFTeDA","48.7","ng/L", "", "1.34","LOD", "", "TRG", "125", "12.8", "3.90", "LOQ", "YES", "39.0", "SA-PZ171I-20180727","0.256","0.001","2.44", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","13C3-PFBA","13C3-PFBA","99.5", "%R", "", "-99", "NA", "", "IS", "99.5", "", "-99", "NA", "YES", "100", "SA-PZ171I-20180727","0.256","0.001", "-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","13C3-PFPeA","13C3-PFPeA","92.5", "%R", "", "-99", "NA", "", "IS", "92.5", "", "-99", "NA", "YES", "100", "SA-PZ171I-20180727","0.256","0.001", "-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","13C3-PFBS","13C3-PFBS","116", "%R", "", "-99", "NA", "", "IS", "116", "", "-99", "NA", "YES", "100", "SA-PZ171I-20180727","0.256","0.001", "-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","13C2-PFHxA","13C2-PFHxA","97.0", "%R", "", "-99", "NA", "", "IS", "97.0", "", "-99", "NA", "YES", "100", "SA-PZ171I-

20180727","0.256","0.001","-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","13C4-PFHpA","13C4-PFHpA","103","%R", "", "-99","NA", "", "IS","103", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.256","0.001", "-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","18O2-PFHxS","18O2-PFHxS","92.1","%R", "", "-99","NA", "", "IS","92.1", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.256","0.001", "-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","13C2-PFOA","13C2-PFOA","87.9","%R", "", "-99","NA", "", "IS","87.9", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.256","0.001", "-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","13C5-PFNA","13C5-PFNA","85.4","%R", "", "-99","NA", "", "IS","85.4", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.256","0.001", "-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","13C8-PFOA","13C8-PFOA","38.5","%R", "H", "-99","NA", "", "IS","38.5", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.256","0.001", "-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","13C8-PFOS","13C8-PFOS","94.2","%R", "", "-99","NA", "", "IS","94.2", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.256","0.001", "-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","13C2-PFDA","13C2-PFDA","81.2","%R", "", "-99","NA", "", "IS","81.2", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.256","0.001", "-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","d3-MeFOSAA","d3-MeFOSAA","98.8","%R", "", "-99","NA", "", "IS","98.8", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.256","0.001", "-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","d5-EtFOSAA","d5-EtFOSAA","86.4","%R", "", "-99","NA", "", "IS","86.4", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.256","0.001", "-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","13C2-PFUnA","13C2-PFUnA","78.7","%R", "", "-99","NA", "", "IS","78.7", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.256","0.001", "-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","13C2-PFDoA","13C2-PFDoA","78.2","%R", "", "-99","NA", "", "IS","78.2", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.256","0.001", "-99", ""
"B8H0014-MSD1","Modified EPA 537","Initial","B8H0014-MSD1","Vista","13C2-PFTeDA","13C2-PFTeDA","83.7","%R", "", "-99","NA", "", "IS","83.7", "", "-99","NA","YES","100","SA-PZ171I-20180727","0.256","0.001", "-99", ""
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TO: K. FRANCISCO **DATE:** OCTOBER 25, 2018
FROM: TERRI L. SOLOMON **COPIES:** DV FILE
SUBJECT: **ORGANIC DATA VALIDATION – POLYFLUOROALKYL SUBSTANCES (PFAS)
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT (NWIRP), CALVERTON
SAMPLE DELIVERY GROUP (SDG) 1802094**

SAMPLES: 15/Aqueous Samples
FC-MW02SR1-20180726 GW01-072618
SA-DUP-01-20180726 SA-MW128I-20180726
SA-PZ144I-20180726 SA-PZ144S-20180726
SA-PZ145D-20180726 SA-PZ145I-20180726
SA-PZ163I-20180726 SA-PZ171I-20180727
SA-PZ181I-20180726 SA-PZ182I-20180726
SA-SW201-20180727 SA-SW204-20180727
SA-SW301-20180727

2/Field Reagent Blank (FRB)
FRB01-072618 FRB02-072718

2/Equipment Blank
EB01-072618 EB02-072718

Overview

The sample set for NWIRP Calverton, SDG 1802094 consisted of fifteen (15) aqueous samples, two (2) FRB samples and two (2) equipment blanks. All samples were analyzed for polyfluoroalkyl substances (PFAS). One (1) field duplicate sample pair, SA-PZ144S-20180726 / SA-DUP-01-20180726, was included in this SDG.

The samples were collected by Tetra Tech, Inc. on July 26 and 27, 2018 and analyzed by Vista Analytical Laboratory. All analyses were conducted in accordance with EPA Method 537 Modified analytical and reporting protocols. The data contained in this SDG was validated at Stage 4 with regard to the following parameters:

- * • Data completeness
- * • Hold times/Sample Preservation
- * • Mass Calibration
- * • LC/MS/MS System Tuning and Performance
- * • Mass Spectral Acquisition Rate
- * • Instrument Sensitivity Check
- * • Ion Transition Check
- * • Initial/Continuing Calibrations
- * • Laboratory Method/Field Blank Results
- * • Field Reagent Blank (FRB) Results
- Surrogate Spike Recoveries (Labeled Extraction Internal Standard Recoveries)
- Injection Internal Standard Recoveries

- Matrix Spike / Matrix Spike Duplicate Recoveries
- * • Ongoing Precision Recovery (OPR) Results
- * • Field Duplicate Results
- * • Compound Identification
- * • Compound Quantitation
- * • Detection Limits

The symbol (*) indicates that all quality control criteria were met for this parameter. Qualified analytical results are presented in Appendix A, results as reported by the laboratory are presented in Appendix B, and documentation supporting these findings is presented in Appendix C.

PFAS

The following labeled extraction internal standard recoveries were below the 50% quality control limits.

<u>Sample</u>	<u>Labeled Standard</u>	<u>Compounds Affected</u>	<u>Data Qualification</u>
FC-	13C8-PFOSA	FOSA	UJ; estimated nondetect
MW02SR1-20180726	13C8-PFOSA	FOSA	UJ; estimated nondetect
SA-PZ163I-20180726	d3-MeFOSAA	NMFOSA	UJ; estimated nondetect
	d5-EtFOSAA	NEFOSA	UJ; estimated nondetect
SA-PZ181I-20180726	13C8-PFOSA	FOSA	UJ; estimated nondetect
	13C8-PFOSA	FOSA	UJ; estimated nondetect
SA-PZ182I-20180726	13C8-PFOSA	FOSA	UJ; estimated nondetect
SA-PZ145I-20180726	13C8-PFOSA	FOSA	UJ; estimated nondetect
SA-PZ145D-20180726	d3-MeFOSAA	NMFOSA	UJ; estimated nondetect
	d5-EtFOSAA	NEFOSA	UJ; estimated nondetect
SA-MW128I-20180726	13C2-PFUnA	PFUnA	J-; estimated biased low detected
	13C8-PFOSA	FOSA	UJ; estimated nondetect
SA-PZ144I-20180726	13C8-PFOSA	FOSA	UJ; estimated nondetect
SA-PZ144S-20180726	13C8-PFOSA	FOSA	UJ; estimated nondetect
SA-PZ171I-20180727	13C8-PFOSA	FOSA	UJ; estimated nondetect
SA-SW201-20180727	13C8-PFOSA	FOSA	UJ; estimated nondetect
SA-SW204-20180727	13C8-PFOSA	FOSA	UJ; estimated nondetect
EB01-072618	13C8-PFOSA	FOSA	UJ; estimated nondetect
FRB01-072618	13C8-PFOSA	FOSA	UJ; estimated nondetect
GW01-072618	13C8-PFOSA	FOSA	UJ; estimated nondetect
SA-DUP-01-20180726	d3-MeFOSAA	NMFOSA	UJ; estimated nondetect
	13C8-PFOSA	FOSA	UJ; estimated nondetect
EB02-072718	13C8-PFOSA	FOSA	UJ; estimated nondetect
FRB02-072718	13C2-PFDoA	PFDoA	UJ; estimated nondetect
		PFTRIA	UJ; estimated nondetect
	13C2-PFTeA	PFTEA	UJ; estimated nondetect

The injected internal standard recovery for 13C9-PFNA was less than the 50% quality control limit for samples SA-PZ145I-20180726 and SA-PZ145D-20180726. The samples were analyzed at a 5X dilution for PFNA. The injected internal standard recovery for 13C9-PFNA was less than the 50% quality control limit for the diluted samples. The detected results reported for PFNA were qualified as estimated (J). The dilution was the reason for the low recovery.

The injected internal standard recovery for 13C9-PFNA was less than the 50% quality control limit for the dilution of sample SA-MW128I-20180726. Only PFNA was reported from the dilution. The detected result reported for PFNA was qualified as estimated (J). The dilution was the reason for the low recovery.

Detected results reported below the Limit of Quantitation (LOQ) but above the Method Detection Limit (MDL) were qualified as estimated, (J). Non-detected results were reported to the limit of detection (LOD).

Additional Comments

It was noted in the case narrative that sample SA-MW128I-20180726 was originally injected after a sample that exceeded the calibration range of the instrument. The sample was re-injected and the re-injected results were reported by the laboratory.

Samples SA-PZ145I-20180726, SA-PZ145D-20180726 and SA-MW128I-20180726 were analyzed at a 5X dilution for PFNA.

The matrix spike / matrix spike duplicate (MS/MSD) percent recoveries for PFNA for sample SA-PZ-171I-20180727 were below the 70% quality control limits. The MS/MSD relative percent difference (RPD) was outside the 30% quality control limit. No validation action was required as the sample result was significantly greater than the spike added to the sample.

The MS/MSD percent recoveries for PFUnA for sample SA-PZ-171I-20180727 were above the 130% quality control limits. The MS/MSD relative percent difference (RPD) was below the 30% quality control limit. No validation action was required as the sample result was significantly greater than the spike added to the sample.

The injected internal standard recoveries for 13C9-PFBA and 13C5-PFHxA were less than the 50% quality control limit for sample SA-PZ144I-20180726. The sample was not re-prepared by the laboratory. The sample was re-injected, and all injected internal standard recoveries were within quality control limits. The re-injected sample results were reported by the laboratory. No validation actions were required.

All injected internal standard recoveries for were above the than the 150% quality control limit for sample FRB02-072718. The sample was not re-prepared by the laboratory. The sample was re-injected, and all injected internal standard recoveries were above the 150% quality control limit. The original sample results were reported by the laboratory. No validation actions were required as all sample results were nondetects.

Executive Summary

Laboratory Performance Issues: Several labeled extraction internal standard recoveries and injected internal standard recoveries were outside the quality control limits.

Other Factors Affecting Data Quality: Detected results below the LOQ were estimated.

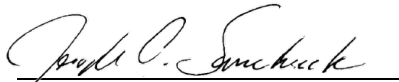
The data for these analyses were reviewed with reference to the "National Functional Guidelines for Organic Superfund Methods Data Review" (January 2017), the Environmental Protection Agency document EPA/600/R-08/092, Method 537, "Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)", (September 2009) and the Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (2017). The text of this report has been formulated to address only those areas affecting data quality.



Tetra Tech, Inc.
Terri L. Solomon
Chemist/Data Validator

TO: K. FRANCISCO
SDG: 1802094

PAGE 4



Tetra Tech, Inc.
Joseph A. Samchuck
Data Validation Manager

Attachments:

Appendix A - Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

Data Qualifier Definitions

The following definitions provide brief explanations of the validation qualifiers assigned to results in the data review process.

U	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted detection limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the reporting limit).
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
UJ	The analyte was analyzed for, but was not detected. The reported detection limit is approximate and may be inaccurate or imprecise.
NJ	The analyte has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the sample.
R	The sample result (detected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
UR	The sample result (nondetected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
X	The sample results (including non-detects) were affected by serious deficiencies in the ability to analyze the sample and meet published method and project quality control criteria. The presence or absence of the analyte cannot be substantiated by the data provided. Acceptance or rejection of the data should be decided by the project team, but exclusion of the data is recommended.

Appendix A

Qualified Analytical Results

Qualifier Codes:

- A = Lab Blank Contamination
- B = Field Blank Contamination
- C = Calibration Noncompliance (i.e., % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
- C01 = GC/MS Tuning Noncompliance
- D = MS/MSD Recovery Noncompliance
- E = LCS/LCSD Recovery Noncompliance
- F = Lab Duplicate Imprecision
- G = Field Duplicate Imprecision
- H = Holding Time Exceedance
- I = ICP Serial Dilution Noncompliance
- J = ICP PDS Recovery Noncompliance; MSA's $r < 0.995$
- K = ICP Interference - includes ICS % R Noncompliance
- L = Instrument Calibration Range Exceedance
- M = Sample Preservation Noncompliance
- N = Internal Standard Noncompliance
- N01 = Internal Standard Recovery Noncompliance Dioxins
- N02 = Recovery Standard Noncompliance Dioxins
- N03 = Clean-up Standard Noncompliance Dioxins
- O = Poor Instrument Performance (i.e., base-time drifting)
- P = Uncertainty near detection limit ($< 2 \times$ IDL for inorganics and $<$ CRQL for organics)
- Q = Other problems (can encompass a number of issues; i.e.chromatography,interferences, etc.)
- R = Surrogates Recovery Noncompliance
- S = Pesticide/PCB Resolution
- T = % Breakdown Noncompliance for DDT and Endrin
- U = RPD between columns/detectors $>40\%$ for positive results determined via GC/HPLC
- V = Non-linear calibrations; correlation coefficient $r < 0.995$
- W = EMPC result
- X = Signal to noise response drop
- Y = Percent solids $<30\%$
- Z = Uncertainty at 2 standard deviations is greater than sample activity
- Z1 = Tentatively Identified Compound considered presumptively present
- Z2 = Tentatively Identified Compound column bleed
- Z3 = Tentatively Identified Compound aldol condensate
- Z4 = Sample activity is less than the at uncertainty at 3 standard deviations and greater than the MDC
- Z5 = Sample activity is less than the at uncertainty at 3 standard deviations and less than the MDC

PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
6:2 FLUOROTELOMER SULFONATE (6:2FTS)	5.43	U		5.34	U		2.52	U		5.25	U	
8:2 FLUOROTELOMER SULFONATE (8:2FTS)	5.43	U		5.34	U		5.96			5.25	U	
N-ETHYLPERFLUOROOCCTANE SULFONAMIDOACETATE(NEFOSA)	5.43	U		5.34	U		2.52	U		5.25	U	
N-METHYLPERFLUOROOCCTANE SULFONAMIDOACETATE(NMFOSA)	5.43	U		5.34	U		2.52	U		5.25	U	
PENTADEC AFLUOROOCCTANOIC ACID (PFOA)	5.43	U		5.34	U		24.2			5.25	U	
PERFLUOROBUTANESULFONIC ACID (PFBS)	5.43	U		5.34	U		2.52	U		5.25	U	
PERFLUOROBUTANOIC ACID (PFBA)	5.43	U		5.34	U		2.52	U		5.25	U	
PERFLUORODECANESULFONIC ACID (PFDS)	5.43	U		5.34	U		2.52	U		5.25	U	
PERFLUORODECANOIC ACID (PFDA)	5.43	U		5.34	U		84.6			5.25	U	
PERFLUORODODECANOIC ACID (PFDOA)	5.43	U		5.34	U		2.38	J	P	5.25	U	
PERFLUOROHEPTANESULFONIC ACID (PFHPS)	5.43	U		5.34	U		2.52	U		5.25	U	
PERFLUOROHEPTANOIC ACID (PFHPA)	5.43	U		5.34	U		5.83			5.25	U	
PERFLUOROHEXANESULFONIC ACID (PFHXS)	5.43	U		5.34	U		1.79	J	P	5.25	U	
PERFLUOROHEXANOIC ACID (PFHXA)	5.43	U		5.34	U		14.2			5.25	U	
PERFLUORONONANOIC ACID (PFNA)	5.43	U		5.34	U		192			5.25	U	
PERFLUOROOCCTANE SULFONAMIDE (FOSA)	5.43	UJ	N	5.34	UJ	N	2.52	UJ	N	5.25	UJ	N
PERFLUOROOCCTANESULFONIC ACID (PFOS)	5.43	U		5.34	U		12.8			5.25	U	
PERFLUOROPENTANOIC ACID (PFPEA)	5.43	U		5.34	U		15			5.25	U	
PERFLUOROTETRADECANOIC ACID (PFTEA)	5.43	U		5.34	U		2.52	U		5.25	U	
PERFLUOROTRIDECANOIC ACID (PFTRIA)	5.43	U		5.34	U		4.08			5.25	U	
PERFLUOROUNDECANOIC ACID (PFUNA)	5.43	U		5.34	U		1710			5.25	U	

PROJ_NO: 08005-WE05 SDG: 1802094 FRACTION: PFAS MEDIA: WATER	NSAMPLE	FRB02-072718			GW01-072618			SA-DUP-01-20180726			SA-MW1281-20180726		
	LAB_ID	1802094-19			1802094-16			1802094-17			1802094-07		
	SAMP_DATE	7/27/2018			7/26/2018			7/26/2018			7/26/2018		
	QC_TYPE	NM			NM			NM			NM		
	UNITS	NG/L			NG/L			NG/L			NG/L		
	PCT_SOLIDS	0.0			0.0			0.0			0.0		
	DUP_OF							SA-PZ144S-20180726					
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
6:2 FLUOROTELOMER SULFONATE (6:2FTS)	5.53	U		2.49	U		2.39	U		38.3			
8:2 FLUOROTELOMER SULFONATE (8:2FTS)	5.53	U		5.87			2.39	U		5.31			
N-ETHYLPERFLUOROOCCTANE SULFONAMIDOACETATE(NEFOSA)	5.53	U		2.49	U		2.39	U		2.47	U		
N-METHYLPERFLUOROOCCTANE SULFONAMIDOACETATE(NMFOSA)	5.53	U		2.49	U		2.39	UJ	N	2.47	U		
PENTADEC AFLUOROOCCTANOIC ACID (PFOA)	5.53	U		24.6			6.68			78.7			
PERFLUOROBUTANESULFONIC ACID (PFBS)	5.53	U		2.49	U		2.39	U		2.47	U		
PERFLUOROBUTANOIC ACID (PFBA)	5.53	U		2.49	U		2.25	J	P	7.46			
PERFLUORODECANESULFONIC ACID (PFDS)	5.53	U		2.49	U		2.39	U		2.47	U		
PERFLUORODECANOIC ACID (PFDA)	5.53	U		85.7			4.54			46.4			
PERFLUORODODECANOIC ACID (PFDOA)	5.53	UJ	N	2.61	J	P	2.39	U		2.47	U		
PERFLUOROHEPTANESULFONIC ACID (PFHPS)	5.53	U		2.49	U		2.39	U		2.47	U		
PERFLUOROHEPTANOIC ACID (PFHPA)	5.53	U		4.87			3.54	J	P	62.6			
PERFLUOROHEXANESULFONIC ACID (PFHXS)	5.53	U		1.79	J	P	2.39	U		2.47	U		
PERFLUOROHEXANOIC ACID (PFHXA)	5.53	U		14.7			3.35	J	P	22.6			
PERFLUORONONANOIC ACID (PFNA)	5.53	U		186			54.7			2060	J	N	
PERFLUOROOCCTANE SULFONAMIDE (FOSA)	5.53	UJ	N	2.49	UJ	N	2.39	UJ	N	2.47	UJ	N	
PERFLUOROOCCTANESULFONIC ACID (PFOS)	5.53	U		12.3			2.77	J	P	4.93			
PERFLUOROPENTANOIC ACID (PFPEA)	5.53	U		15.4			3.39	J	P	23.9			
PERFLUOROTETRADECANOIC ACID (PFTEA)	5.53	UJ	N	2.49	U		2.39	U		2.47	U		
PERFLUOROTRIDECANOIC ACID (PFTRIA)	5.53	UJ	N	4.63			2.39	U		2.47	U		
PERFLUOROUNDECANOIC ACID (PFUNA)	5.53	U		1570			70.6			287			

PROJ_NO: 08005-WE05	NSAMPLE	SA-PZ144I-20180726			SA-PZ144S-20180726			SA-PZ145D-20180726			SA-PZ145I-20180726		
SDG: 1802094 FRACTION: PFAS MEDIA: WATER	LAB_ID	1802094-08			1802094-09			1802094-06			1802094-05		
	SAMP_DATE	7/26/2018			7/26/2018			7/26/2018			7/26/2018		
	QC_TYPE	NM			NM			NM			NM		
	UNITS	NG/L			NG/L			NG/L			NG/L		
	PCT_SOLIDS	0.0			0.0			0.0			0.0		
	DUP_OF												
	PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
6:2 FLUOROTELOMER SULFONATE (6:2FTS)	2.32	U		2.46	U		14.4			29.2			
8:2 FLUOROTELOMER SULFONATE (8:2FTS)	2.32	U		2.46	U		7.71			5.71			
N-ETHYLPERFLUOROOCTANE SULFONAMIDOACETATE(NEFOSA)	2.94	J	P	1.35	J	P	2.52	UJ	N	2.47	U		
N-METHYLPERFLUOROOCTANE SULFONAMIDOACETATE(NMFOSA)	2.32	U		2.46	U		2.52	UJ	N	2.47	U		
PENTADEC AFLUOROOCTANOIC ACID (PFOA)	4.37			6.12			64.1			74.2			
PERFLUOROBUTANESULFONIC ACID (PFBS)	2.32	U		2.46	U		2.52	U		2.47	U		
PERFLUOROBUTANOIC ACID (PFBA)	2.32	U		2.19	J	P	5.47			7.03			
PERFLUORODECANESULFONIC ACID (PFDS)	2.32	U		2.46	U		2.52	U		2.47	U		
PERFLUORODECANOIC ACID (PFDA)	2.32	U		3.98			46.4			25.4			
PERFLUORODODECANOIC ACID (PFDOA)	2.32	U		2.46	U		2.52	U		2.47	U		
PERFLUOROHEPTANESULFONIC ACID (PFHPS)	2.32	U		2.46	U		2.52	U		2.47	U		
PERFLUOROHEPTANOIC ACID (PFHPA)	1.98	J	P	3.28	J	P	26.8			62.1			
PERFLUOROHEXANESULFONIC ACID (PFHXS)	2.32	U		2.46	U		7.51			2.47	U		
PERFLUOROHEXANOIC ACID (PFHXA)	2.32	U		3.2	J	P	14.7			21.8			
PERFLUORONONANOIC ACID (PFNA)	13.6			58.6			2350	J	N	2140	J	N	
PERFLUOROOCTANE SULFONAMIDE (FOSA)	2.32	UJ	N	2.46	UJ	N	2.52	UJ	N	2.47	UJ	N	
PERFLUOROOCTANESULFONIC ACID (PFOS)	4.05			2.77	J	P	5.93			5.34			
PERFLUOROPENTANOIC ACID (PFPEA)	2.32	U		3.05	J	P	14.2			28			
PERFLUOROTETRADECANOIC ACID (PFTEA)	2.32	U		2.46	U		2.52	U		2.47	U		
PERFLUOROTRIDECANOIC ACID (PFTRIA)	2.32	U		2.46	U		2.52	U		2.47	U		
PERFLUOROUNDECANOIC ACID (PFUNA)	1.64	J	P	61.8			160	J-	N	322			

PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
6:2 FLUOROTELOMER SULFONATE (6:2FTS)	4.38			12			2.49	U		2.6	U	
8:2 FLUOROTELOMER SULFONATE (8:2FTS)	2.73	J	P	4.8			10.2			2.6	U	
N-ETHYLPERFLUOROOCCTANE SULFONAMIDOACETATE(NEFOSA)	2.57	UJ	N	5.66			2.49	U		7.7		
N-METHYLPERFLUOROOCCTANE SULFONAMIDOACETATE(NMFOSA)	2.57	UJ	N	2.4	U		2.49	U		2.6	U	
PENTADEC AFLUOROOCCTANOIC ACID (PFOA)	25.8			36			9.84			5.8		
PERFLUOROBUTANESULFONIC ACID (PFBS)	2.57	U		2.4	U		2.49	U		2.6	U	
PERFLUOROBUTANOIC ACID (PFBA)	2.57	U		2.4	U		2.06	J	P	2.6	U	
PERFLUORODECANESULFONIC ACID (PFDS)	2.57	U		2.4	U		2.49	U		2.6	U	
PERFLUORODECANOIC ACID (PFDA)	67.7			27.9			3.43	J	P	2.29	J	P
PERFLUORODODECANOIC ACID (PFDOA)	2.57	U		2.4	U		2.49	U		2.6	U	
PERFLUOROHEPTANESULFONIC ACID (PFHPS)	2.57	U		2.4	U		2.49	U		2.6	U	
PERFLUOROHEPTANOIC ACID (PFHPA)	14.6			19.5			6.01			3.19	J	P
PERFLUOROHEXANESULFONIC ACID (PFHXS)	2.57	U		2.4	U		2.49	U		2.6	U	
PERFLUOROHEXANOIC ACID (PFHXA)	8.98			9.1			4.31			1.88	J	P
PERFLUORONONANOIC ACID (PFNA)	737			1090			101			63.1		
PERFLUOROOCCTANE SULFONAMIDE (FOSA)	2.57	UJ	N	2.4	UJ	N	2.49	UJ	N	2.6	UJ	N
PERFLUOROOCCTANESULFONIC ACID (PFOS)	3.49	J	P	8.31			13.2			7.51		
PERFLUOROPENTANOIC ACID (PFPEA)	9.62			8.23			4.73			1.63	J	P
PERFLUOROTETRADECANOIC ACID (PFTEA)	2.57	U		2.4	U		2.49	U		2.6	U	
PERFLUOROTRIDECANOIC ACID (PFTRIA)	2.57	U		2.4	U		2.49	U		2.6	U	
PERFLUOROUNDECANOIC ACID (PFUNA)	511			653			92.5			55.7		

PROJ_NO: 08005-WE05 SDG: 1802094 FRACTION: PFAS MEDIA: WATER	NSAMPLE	SA-SW201-20180727			SA-SW204-20180727			SA-SW301-20180727		
	LAB_ID	1802094-11			1802094-12			1802094-13		
	SAMP_DATE	7/27/2018			7/27/2018			7/27/2018		
	QC_TYPE	NM			NM			NM		
	UNITS	NG/L			NG/L			NG/L		
	PCT_SOLIDS	0.0			0.0			0.0		
	DUP_OF									
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
6:2 FLUOROTELOMER SULFONATE (6:2FTS)	5.9	U		5.39	J	P	6.01	U		
8:2 FLUOROTELOMER SULFONATE (8:2FTS)	5.9	U		5.68	U		6.01	U		
N-ETHYLPERFLUOROOCCTANE SULFONAMIDOACETATE(NEFOSA)	5.9	U		5.68	U		6.01	U		
N-METHYLPERFLUOROOCCTANE SULFONAMIDOACETATE(NMFOSA)	5.9	U		5.68	U		6.01	U		
PENTADEC AFLUOROOCCTANOIC ACID (PFOA)	6.33	J	P	8.81	J	P	4.78	J	P	
PERFLUOROBUTANESULFONIC ACID (PFBS)	5.9	U		5.68	U		6.01	U		
PERFLUOROBUTANOIC ACID (PFBA)	3.53	J	P	5.19	J	P	6.01	U		
PERFLUORODECANESULFONIC ACID (PFDS)	5.9	U		5.68	U		6.01	U		
PERFLUORODECANOIC ACID (PFDA)	5.9	U		5.68	U		25.1			
PERFLUORODODECANOIC ACID (PFDOA)	5.9	U		5.68	U		6.01	U		
PERFLUOROHEPTANESULFONIC ACID (PFHPS)	5.9	U		5.68	U		6.01	U		
PERFLUOROHEPTANOIC ACID (PFHPA)	3.55	J	P	5.82	J	P	6.01	U		
PERFLUOROHEXANESULFONIC ACID (PFHXS)	5.9	U		5.48	J	P	6.01	U		
PERFLUOROHEXANOIC ACID (PFHXA)	3.71	J	P	6.29	J	P	6.01	U		
PERFLUORONONANOIC ACID (PFNA)	29.9			89.9			54.7			
PERFLUOROOCCTANE SULFONAMIDE (FOSA)	5.9	UJ	N	5.68	UJ	N	6.01	U		
PERFLUOROOCCTANESULFONIC ACID (PFOS)	3.58	J	P	12.2			3.62	J	P	
PERFLUOROPENTANOIC ACID (PFPEA)	4.02	J	P	8.3	J	P	6.01	U		
PERFLUOROTETRADECANOIC ACID (PFTEA)	5.9	U		5.68	U		6.01	U		
PERFLUOROTRIDECANOIC ACID (PFTRIA)	5.9	U		5.68	U		6.01	U		
PERFLUOROUNDECANOIC ACID (PFUNA)	5.9	U		3.92	J	P	55.9			

Appendix B

Results as Reported by the Laboratory

JAS 11/2/18

Sample ID: FC-MW02SR1-20180726

PFAS Isotope Dilution Method

Client Data					Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous		Lab Sample:	1802094-01		Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	26-Jul-18 10:15		Date Received:	28-Jul-18 09:23					
SDG:	WE05										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFPeA	2706-90-3	15.0	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFBS	375-73-5	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFHxA	307-24-4	14.2	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFHpA	375-85-9	5.83	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFHxS	355-46-4	1.79	1.38	2.52	4.03	J	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
6:2 FTS	27619-97-2	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFOA	335-67-1	24.2	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFHpS	375-92-8	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFNA	375-95-1	192	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFOSA	754-91-6	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFOS	1763-23-1	12.8	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFDA	335-76-2	84.6	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
8:2 FTS	39108-34-4	5.96	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
MeFOSAA	2355-31-9	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
EtFOSAA	2991-50-6	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFUnA	2058-94-8	1710	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFDS	335-77-3	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFDoA	307-55-1	2.38	1.38	2.52	4.03	J	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFTTrDA	72629-94-8	4.08	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
PFTeDA	376-06-7	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	96.1	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C3-PFPeA	IS	88.8	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C3-PFBS	IS	105	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C2-PFHxA	IS	95.9	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C4-PFHpA	IS	95.8	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
18O2-PFHxS	IS	91.4	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C2-PFOA	IS	83.6	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C5-PFNA	IS	77.3	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C8-PFOSA	IS	38.8	50 - 150	H	B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C8-PFOS	IS	72.3	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
13C2-PFDA	IS	63.6	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1
d3-MeFOSAA	IS	62.4	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1

corrected field ID from MW025R1 to MW02SR1

JAS 11/2/18

corrected field ID
from MW025R1
to MW02SR1

Sample ID: FC-MW02SR1-20180726					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-01	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	26-Jul-18 10:15	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	61.1	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1	
13C2-PFUnA	IS	60.4	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1	
13C2-PFDoA	IS	62.8	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1	
13C2-PFTeDA	IS	94.1	50 - 150		B8H0014	07-Aug-18	0.248 L	25-Aug-18 19:01	1	

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: SA-PZ163I-20180726
PFAS Isotope Dilution Method

Client Data						Laboratory Data					
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-02	Column:	BEH C18				
Project:	Calverton 6A	Date Collected:	26-Jul-18 13:45	Date Received:	28-Jul-18 09:23						
SDG:	WE05										
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFPeA	2706-90-3	9.62	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFBS	375-73-5	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFHxA	307-24-4	8.98	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFHpA	375-85-9	14.6	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFHxS	355-46-4	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
6:2 FTS	27619-97-2	4.38	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFOA	335-67-1	25.8	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFHpS	375-92-8	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFNA	375-95-1	737	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFOSA	754-91-6	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFOS	1763-23-1	3.49	1.41	2.57	4.11	J	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFDA	335-76-2	67.7	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
8:2 FTS	39108-34-4	2.73	1.41	2.57	4.11	J	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
MeFOSAA	2355-31-9	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
EtFOSAA	2991-50-6	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFUnA	2058-94-8	511	1.41	2.57	4.11		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFDS	335-77-3	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFDoA	307-55-1	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFTTrDA	72629-94-8	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
PFTeDA	376-06-7	ND	1.41	2.57	4.11	U	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	98.8	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	
13C3-PFPeA	IS	93.2	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	
13C3-PFBS	IS	108	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	
13C2-PFHxA	IS	93.2	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	
13C4-PFHpA	IS	96.3	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	
18O2-PFHxS	IS	92.5	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	
13C2-PFOA	IS	82.0	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	
13C5-PFNA	IS	72.4	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	
13C8-PFOSA	IS	30.6	50 - 150		H	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	
13C8-PFOS	IS	69.7	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	
13C2-PFDA	IS	56.3	50 - 150			B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	
d3-MeFOSAA	IS	47.6	50 - 150		H	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	

Sample ID: SA-PZ163I-20180726					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-02	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	26-Jul-18 13:45	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	45.6	50 - 150	H	B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	
13C2-PFUnA	IS	51.9	50 - 150		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	
13C2-PFDoA	IS	52.1	50 - 150		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	
13C2-PFTeDA	IS	60.0	50 - 150		B8H0014	07-Aug-18	0.243 L	25-Aug-18 19:11	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: SA-PZ1811-20180726							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-03		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	26-Jul-18 09:45		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	2.06	1.36	2.49	3.98	J	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFPeA	2706-90-3	4.73	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFBS	375-73-5	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFHxA	307-24-4	4.31	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFHpA	375-85-9	6.01	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFHxS	355-46-4	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
6:2 FTS	27619-97-2	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFOA	335-67-1	9.84	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFHpS	375-92-8	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFNA	375-95-1	101	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFOSA	754-91-6	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFOS	1763-23-1	13.2	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFDA	335-76-2	3.43	1.36	2.49	3.98	J	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
8:2 FTS	39108-34-4	10.2	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
MeFOSAA	2355-31-9	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
EtFOSAA	2991-50-6	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFUnA	2058-94-8	92.5	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFDS	335-77-3	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFDoA	307-55-1	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFTrDA	72629-94-8	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
PFTeDA	376-06-7	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	97.4	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1		
13C3-PFPeA	IS	95.6	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1		
13C3-PFBS	IS	129	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1		
13C2-PFHxA	IS	96.0	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1		
13C4-PFHpA	IS	97.3	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1		
18O2-PFHxS	IS	96.3	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1		
13C2-PFOA	IS	89.2	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1		
13C5-PFNA	IS	85.3	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1		
13C8-PFOSA	IS	36.5	50 - 150		H	B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1		
13C8-PFOS	IS	90.3	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1		
13C2-PFDA	IS	86.4	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1		
d3-MeFOSAA	IS	75.3	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1		

Sample ID: SA-PZ1811-20180726					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-03	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	26-Jul-18 09:45	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	75.3	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
13C2-PFUnA	IS	80.9	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
13C2-PFDoA	IS	88.1	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
13C2-PFTeDA	IS	82.5	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 19:22	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: SA-PZ182I-20180726							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-04		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	26-Jul-18 11:55		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFPeA	2706-90-3	1.63	1.42	2.60	4.16	J	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFBS	375-73-5	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFHxA	307-24-4	1.88	1.42	2.60	4.16	J	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFHpA	375-85-9	3.19	1.42	2.60	4.16	J	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFHxS	355-46-4	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
6:2 FTS	27619-97-2	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFOA	335-67-1	5.80	1.42	2.60	4.16		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFHpS	375-92-8	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFNA	375-95-1	63.1	1.42	2.60	4.16		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFOSA	754-91-6	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFOS	1763-23-1	7.51	1.42	2.60	4.16		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFDA	335-76-2	2.29	1.42	2.60	4.16	J	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
8:2 FTS	39108-34-4	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
MeFOSAA	2355-31-9	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
EtFOSAA	2991-50-6	7.70	1.42	2.60	4.16		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFUnA	2058-94-8	55.7	1.42	2.60	4.16		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFDS	335-77-3	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFDoA	307-55-1	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFTTrDA	72629-94-8	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
PFTeDA	376-06-7	ND	1.42	2.60	4.16	U	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	101	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1		
13C3-PFPeA	IS	100	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1		
13C3-PFBS	IS	126	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1		
13C2-PFHxA	IS	99.9	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1		
13C4-PFHpA	IS	101	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1		
18O2-PFHxS	IS	94.3	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1		
13C2-PFOA	IS	91.2	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1		
13C5-PFNA	IS	87.0	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1		
13C8-PFOSA	IS	31.1	50 - 150		H	B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1		
13C8-PFOS	IS	97.7	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1		
13C2-PFDA	IS	74.4	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1		
d3-MeFOSAA	IS	64.7	50 - 150			B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1		

Sample ID: SA-PZ182I-20180726					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-04	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	26-Jul-18 11:55	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	59.0	50 - 150		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
13C2-PFUnA	IS	67.4	50 - 150		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
13C2-PFDoA	IS	73.8	50 - 150		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
13C2-PFTeDA	IS	69.3	50 - 150		B8H0014	07-Aug-18	0.240 L	25-Aug-18 19:33	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: SA-PZ145I-20180726							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-05		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	26-Jul-18 15:15		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	7.03	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
PFPeA	2706-90-3	28.0	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
PFBS	375-73-5	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
PFHxA	307-24-4	21.8	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
PFHpA	375-85-9	62.1	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
PFHxS	355-46-4	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
6:2 FTS	27619-97-2	29.2	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
PFOA	335-67-1	74.2	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
PFHpS	375-92-8	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
PFNA	375-95-1	2140	6.78	12.4	19.8	D	B8H0014	07-Aug-18	0.253 L	26-Aug-18 17:34	5	
PFOSA	754-91-6	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
PFOS	1763-23-1	5.34	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
PFDA	335-76-2	25.4	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
8:2 FTS	39108-34-4	5.71	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
MeFOSAA	2355-31-9	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
EtFOSAA	2991-50-6	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
PFUnA	2058-94-8	322	1.36	2.47	3.96		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
PFDS	335-77-3	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
PFDoA	307-55-1	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
PFTTrDA	72629-94-8	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
PFTeDA	376-06-7	ND	1.36	2.47	3.96	U	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	99.2	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1		
13C3-PFPeA	IS	91.6	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1		
13C3-PFBS	IS	108	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1		
13C2-PFHxA	IS	94.8	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1		
13C4-PFHpA	IS	94.3	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1		
18O2-PFHxS	IS	98.2	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1		
13C2-PFOA	IS	85.9	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1		
13C5-PFNA	IS	80.1	50 - 150		D	B8H0014	07-Aug-18	0.253 L	26-Aug-18 17:34	5		
13C8-PFOSA	IS	34.3	50 - 150		H	B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1		
13C8-PFOS	IS	95.3	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1		
13C2-PFDA	IS	73.7	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1		
d3-MeFOSAA	IS	63.5	50 - 150			B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1		

Sample ID: SA-PZ145I-20180726					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-05	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	26-Jul-18 15:15	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	63.0	50 - 150		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
13C2-PFUnA	IS	61.9	50 - 150		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
13C2-PFDoA	IS	64.0	50 - 150		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
13C2-PFTeDA	IS	71.6	50 - 150		B8H0014	07-Aug-18	0.253 L	25-Aug-18 19:43	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: SA-PZ145D-20180726							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-06		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	26-Jul-18 15:15		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	5.47	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
PFPeA	2706-90-3	14.2	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
PFBS	375-73-5	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
PFHxA	307-24-4	14.7	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
PFHpA	375-85-9	26.8	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
PFHxS	355-46-4	7.51	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
6:2 FTS	27619-97-2	14.4	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
PFOA	335-67-1	64.1	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
PFHpS	375-92-8	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
PFNA	375-95-1	2350	6.90	12.6	20.2	D	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:45	5	
PFOSA	754-91-6	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
PFOS	1763-23-1	5.93	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
PFDA	335-76-2	46.4	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
8:2 FTS	39108-34-4	7.71	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
MeFOSAA	2355-31-9	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
EtFOSAA	2991-50-6	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
PFUnA	2058-94-8	160	1.38	2.52	4.03		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
PFDS	335-77-3	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
PFDoA	307-55-1	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
PFTTrDA	72629-94-8	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
PFTeDA	376-06-7	ND	1.38	2.52	4.03	U	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	97.5	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1		
13C3-PFPeA	IS	96.7	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1		
13C3-PFBS	IS	109	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1		
13C2-PFHxA	IS	93.5	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1		
13C4-PFHpA	IS	97.8	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1		
18O2-PFHxS	IS	81.7	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1		
13C2-PFOA	IS	77.7	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1		
13C5-PFNA	IS	68.9	50 - 150		D	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:45	5		
13C8-PFOSA	IS	21.4	50 - 150		H	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1		
13C8-PFOS	IS	76.8	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1		
13C2-PFDA	IS	58.2	50 - 150			B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1		
d3-MeFOSAA	IS	43.9	50 - 150		H	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1		

Sample ID: SA-PZ145D-20180726					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-06	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	26-Jul-18 15:15	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	44.6	50 - 150	H	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
13C2-PFUnA	IS	49.8	50 - 150	H	B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
13C2-PFDoA	IS	51.7	50 - 150		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
13C2-PFTeDA	IS	62.2	50 - 150		B8H0014	07-Aug-18	0.248 L	26-Aug-18 17:13	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: SA-MW128I-20180726							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-07		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	26-Jul-18 12:50		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	7.46	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
PFPeA	2706-90-3	23.9	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
PFBS	375-73-5	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
PFHxA	307-24-4	22.6	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
PFHpA	375-85-9	62.6	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
PFHxS	355-46-4	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
6:2 FTS	27619-97-2	38.3	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
PFOA	335-67-1	78.7	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
PFHpS	375-92-8	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
PFNA	375-95-1	2060	6.77	12.4	19.8	D	B8H0014	07-Aug-18	0.253 L	13-Sep-18 10:16	5	
PFOSA	754-91-6	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
PFOS	1763-23-1	4.93	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
PFDA	335-76-2	46.4	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
8:2 FTS	39108-34-4	5.31	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
MeFOSAA	2355-31-9	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
EtFOSAA	2991-50-6	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
PFUnA	2058-94-8	287	1.35	2.47	3.95		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
PFDS	335-77-3	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
PFDoA	307-55-1	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
PFTTrDA	72629-94-8	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
PFTeDA	376-06-7	ND	1.35	2.47	3.95	U	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	99.8	50 - 150			B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1		
13C3-PFPeA	IS	94.6	50 - 150			B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1		
13C3-PFBS	IS	109	50 - 150			B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1		
13C2-PFHxA	IS	93.0	50 - 150			B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1		
13C4-PFHpA	IS	98.7	50 - 150			B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1		
18O2-PFHxS	IS	90.7	50 - 150			B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1		
13C2-PFOA	IS	85.2	50 - 150			B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1		
13C5-PFNA	IS	77.2	50 - 150		D	B8H0014	07-Aug-18	0.253 L	13-Sep-18 10:16	5		
13C8-PFOSA	IS	25.4	50 - 150		H	B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1		
13C8-PFOS	IS	81.7	50 - 150			B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1		
13C2-PFDA	IS	64.3	50 - 150			B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1		
d3-MeFOSAA	IS	50.6	50 - 150			B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1		

Sample ID: SA-MW128I-20180726					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-07	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	26-Jul-18 12:50	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	52.5	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
13C2-PFUnA	IS	56.1	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
13C2-PFDoA	IS	57.7	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
13C2-PFTeDA	IS	65.6	50 - 150		B8H0014	07-Aug-18	0.253 L	26-Aug-18 16:30	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: SA-PZ144I-20180726							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-08		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	26-Jul-18 09:50		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFPeA	2706-90-3	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFBS	375-73-5	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFHxA	307-24-4	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFHpA	375-85-9	1.98	1.28	2.32	3.72	J	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFHxS	355-46-4	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
6:2 FTS	27619-97-2	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFOA	335-67-1	4.37	1.28	2.32	3.72		B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFHpS	375-92-8	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFNA	375-95-1	13.6	1.28	2.32	3.72		B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFOSA	754-91-6	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFOS	1763-23-1	4.05	1.28	2.32	3.72		B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFDA	335-76-2	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
8:2 FTS	39108-34-4	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
MeFOSAA	2355-31-9	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
EtFOSAA	2991-50-6	2.94	1.28	2.32	3.72	J	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFUnA	2058-94-8	1.64	1.28	2.32	3.72	J	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFDS	335-77-3	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFDoA	307-55-1	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFTrDA	72629-94-8	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
PFTeDA	376-06-7	ND	1.28	2.32	3.72	U	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	115	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1		
13C3-PFPeA	IS	107	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1		
13C3-PFBS	IS	136	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1		
13C2-PFHxA	IS	111	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1		
13C4-PFHpA	IS	116	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1		
18O2-PFHxS	IS	96.6	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1		
13C2-PFOA	IS	94.3	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1		
13C5-PFNA	IS	92.8	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1		
13C8-PFOSA	IS	30.6	50 - 150		H	B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1		
13C8-PFOS	IS	96.9	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1		
13C2-PFDA	IS	82.5	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1		
d3-MeFOSAA	IS	71.6	50 - 150			B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1		

Sample ID: SA-PZ144I-20180726					PFAS Isotope Dilution Method				
Client Data				Laboratory Data					
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-08	Column:	BEH C18		
Project:	Calverton 6A	Date Collected:	26-Jul-18 09:50	Date Received:	28-Jul-18 09:23				
SDG:	WE05								
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d5-EtFOSAA	IS	74.3	50 - 150		B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
13C2-PFUnA	IS	75.7	50 - 150		B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
13C2-PFDoA	IS	79.7	50 - 150		B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
13C2-PFTeDA	IS	77.0	50 - 150		B8H0014	07-Aug-18	0.269 L	26-Aug-18 16:41	1
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.			
		LOQ - Limit of quantitation							

Sample ID: SA-PZ144S-20180726							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-09		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	26-Jul-18 11:10		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	2.19	1.35	2.46	3.93	J	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFPeA	2706-90-3	3.05	1.35	2.46	3.93	J	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFBS	375-73-5	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFHxA	307-24-4	3.20	1.35	2.46	3.93	J	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFHpA	375-85-9	3.28	1.35	2.46	3.93	J	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFHxS	355-46-4	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
6:2 FTS	27619-97-2	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFOA	335-67-1	6.12	1.35	2.46	3.93		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFHpS	375-92-8	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFNA	375-95-1	58.6	1.35	2.46	3.93		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFOSA	754-91-6	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFOS	1763-23-1	2.77	1.35	2.46	3.93	J	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFDA	335-76-2	3.98	1.35	2.46	3.93		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
8:2 FTS	39108-34-4	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
MeFOSAA	2355-31-9	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
EtFOSAA	2991-50-6	1.35	1.35	2.46	3.93	J	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFUnA	2058-94-8	61.8	1.35	2.46	3.93		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFDS	335-77-3	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFDoA	307-55-1	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFTTrDA	72629-94-8	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
PFTeDA	376-06-7	ND	1.35	2.46	3.93	U	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	108	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1		
13C3-PFPeA	IS	102	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1		
13C3-PFBS	IS	111	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1		
13C2-PFHxA	IS	104	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1		
13C4-PFHpA	IS	104	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1		
18O2-PFHxS	IS	94.4	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1		
13C2-PFOA	IS	87.1	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1		
13C5-PFNA	IS	77.6	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1		
13C8-PFOSA	IS	31.0	50 - 150		H	B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1		
13C8-PFOS	IS	80.4	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1		
13C2-PFDA	IS	68.5	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1		
d3-MeFOSAA	IS	57.1	50 - 150			B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1		

Sample ID: SA-PZ144S-20180726					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-09	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	26-Jul-18 11:10	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	56.7	50 - 150		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
13C2-PFUnA	IS	65.7	50 - 150		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
13C2-PFDoA	IS	63.6	50 - 150		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
13C2-PFTeDA	IS	73.1	50 - 150		B8H0014	07-Aug-18	0.254 L	25-Aug-18 20:47	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: SA-PZ1711-20180727							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-10		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	27-Jul-18 10:15		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFPeA	2706-90-3	8.23	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFBS	375-73-5	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFHxA	307-24-4	9.10	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFHpA	375-85-9	19.5	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFHxS	355-46-4	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
6:2 FTS	27619-97-2	12.0	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFOA	335-67-1	36.0	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFHpS	375-92-8	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFNA	375-95-1	1090	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFOSA	754-91-6	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFOS	1763-23-1	8.31	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFDA	335-76-2	27.9	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
8:2 FTS	39108-34-4	4.80	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
MeFOSAA	2355-31-9	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
EtFOSAA	2991-50-6	5.66	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFUnA	2058-94-8	653	1.32	2.40	3.85		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFDS	335-77-3	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFDoA	307-55-1	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFTrDA	72629-94-8	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
PFTeDA	376-06-7	ND	1.32	2.40	3.85	U	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	97.6	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1		
13C3-PFPeA	IS	89.2	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1		
13C3-PFBS	IS	117	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1		
13C2-PFHxA	IS	95.7	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1		
13C4-PFHpA	IS	98.2	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1		
18O2-PFHxS	IS	89.8	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1		
13C2-PFOA	IS	87.2	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1		
13C5-PFNA	IS	78.0	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1		
13C8-PFOSA	IS	35.9	50 - 150		H	B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1		
13C8-PFOS	IS	88.1	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1		
13C2-PFDA	IS	69.1	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1		
d3-MeFOSAA	IS	65.6	50 - 150			B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1		

Sample ID: SA-PZ1711-20180727					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-10	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	27-Jul-18 10:15	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	61.8	50 - 150		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
13C2-PFUnA	IS	65.0	50 - 150		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
13C2-PFDoA	IS	61.3	50 - 150		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
13C2-PFTeDA	IS	75.7	50 - 150		B8H0014	07-Aug-18	0.260 L	25-Aug-18 20:57	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: SA-SW201-20180727							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-11		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	27-Jul-18 09:08		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	3.53	3.23	5.90	9.44	J	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFPeA	2706-90-3	4.02	3.23	5.90	9.44	J	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFBS	375-73-5	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFHxA	307-24-4	3.71	3.23	5.90	9.44	J	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFHpA	375-85-9	3.55	3.23	5.90	9.44	J	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFHxS	355-46-4	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
6:2 FTS	27619-97-2	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFOA	335-67-1	6.33	3.23	5.90	9.44	J	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFHpS	375-92-8	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFNA	375-95-1	29.9	3.23	5.90	9.44		B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFOSA	754-91-6	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFOS	1763-23-1	3.58	3.23	5.90	9.44	J	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFDA	335-76-2	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
8:2 FTS	39108-34-4	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
MeFOSAA	2355-31-9	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
EtFOSAA	2991-50-6	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFUnA	2058-94-8	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFDS	335-77-3	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFDoA	307-55-1	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFTrDA	72629-94-8	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
PFTeDA	376-06-7	ND	3.23	5.90	9.44	U	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	90.5	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1		
13C3-PFPeA	IS	86.4	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1		
13C3-PFBS	IS	106	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1		
13C2-PFHxA	IS	86.5	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1		
13C4-PFHpA	IS	82.0	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1		
18O2-PFHxS	IS	88.0	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1		
13C2-PFOA	IS	73.2	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1		
13C5-PFNA	IS	72.8	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1		
13C8-PFOSA	IS	33.6	50 - 150		H	B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1		
13C8-PFOS	IS	75.0	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1		
13C2-PFDA	IS	62.1	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1		
d3-MeFOSAA	IS	61.4	50 - 150			B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1		

Sample ID: SA-SW201-20180727					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-11	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	27-Jul-18 09:08	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	64.6	50 - 150		B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
13C2-PFUnA	IS	63.2	50 - 150		B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
13C2-PFDoA	IS	63.3	50 - 150		B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
13C2-PFTeDA	IS	71.0	50 - 150		B8H0014	07-Aug-18	0.106 L	25-Aug-18 21:08	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: SA-SW204-20180727							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-12		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	27-Jul-18 08:50		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	5.19	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFPeA	2706-90-3	8.30	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFBS	375-73-5	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFHxA	307-24-4	6.29	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFHpA	375-85-9	5.82	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFHxS	355-46-4	5.48	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
6:2 FTS	27619-97-2	5.39	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFOA	335-67-1	8.81	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFHpS	375-92-8	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFNA	375-95-1	89.9	3.12	5.68	9.11		B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFOSA	754-91-6	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFOS	1763-23-1	12.2	3.12	5.68	9.11		B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFDA	335-76-2	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
8:2 FTS	39108-34-4	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
MeFOSAA	2355-31-9	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
EtFOSAA	2991-50-6	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFUnA	2058-94-8	3.92	3.12	5.68	9.11	J	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFDS	335-77-3	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFDoA	307-55-1	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFTTrDA	72629-94-8	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
PFTeDA	376-06-7	ND	3.12	5.68	9.11	U	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	97.5	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1		
13C3-PFPeA	IS	90.9	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1		
13C3-PFBS	IS	107	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1		
13C2-PFHxA	IS	91.2	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1		
13C4-PFHpA	IS	87.5	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1		
18O2-PFHxS	IS	86.6	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1		
13C2-PFOA	IS	79.5	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1		
13C5-PFNA	IS	73.4	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1		
13C8-PFOSA	IS	34.5	50 - 150		H	B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1		
13C8-PFOS	IS	79.6	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1		
13C2-PFDA	IS	70.3	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1		
d3-MeFOSAA	IS	56.5	50 - 150			B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1		

Sample ID: SA-SW204-20180727					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-12	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	27-Jul-18 08:50	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	57.3	50 - 150		B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
13C2-PFUnA	IS	65.6	50 - 150		B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
13C2-PFDoA	IS	63.8	50 - 150		B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
13C2-PFTeDA	IS	64.8	50 - 150		B8H0014	07-Aug-18	0.110 L	25-Aug-18 21:19	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: SA-SW301-20180727							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-13		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	27-Jul-18 10:00		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFPeA	2706-90-3	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFBS	375-73-5	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFHxA	307-24-4	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFHpA	375-85-9	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFHxS	355-46-4	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
6:2 FTS	27619-97-2	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFOA	335-67-1	4.78	3.29	6.01	9.60	J	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFHpS	375-92-8	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFNA	375-95-1	54.7	3.29	6.01	9.60		B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFOSA	754-91-6	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFOS	1763-23-1	3.62	3.29	6.01	9.60	J	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFDA	335-76-2	25.1	3.29	6.01	9.60		B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
8:2 FTS	39108-34-4	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
MeFOSAA	2355-31-9	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
EtFOSAA	2991-50-6	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFUnA	2058-94-8	55.9	3.29	6.01	9.60		B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFDS	335-77-3	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFDoA	307-55-1	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFTTrDA	72629-94-8	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
PFTeDA	376-06-7	ND	3.29	6.01	9.60	U	B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	97.2	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1		
13C3-PFPeA	IS	91.9	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1		
13C3-PFBS	IS	105	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1		
13C2-PFHxA	IS	93.9	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1		
13C4-PFHpA	IS	95.4	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1		
18O2-PFHxS	IS	93.7	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1		
13C2-PFOA	IS	82.6	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1		
13C5-PFNA	IS	78.1	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1		
13C8-PFOSA	IS	51.1	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1		
13C8-PFOS	IS	88.5	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1		
13C2-PFDA	IS	73.3	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1		
d3-MeFOSAA	IS	67.3	50 - 150			B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1		

Sample ID: SA-SW301-20180727					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-13	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	27-Jul-18 10:00	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	61.3	50 - 150		B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
13C2-PFUnA	IS	67.1	50 - 150		B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
13C2-PFDoA	IS	68.0	50 - 150		B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
13C2-PFTeDA	IS	64.9	50 - 150		B8H0014	07-Aug-18	0.104 L	25-Aug-18 21:29	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: EB01-072618							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-14		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	26-Jul-18 12:45		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFPeA	2706-90-3	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFBS	375-73-5	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFHxA	307-24-4	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFHpA	375-85-9	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFHxS	355-46-4	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
6:2 FTS	27619-97-2	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFOA	335-67-1	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFHpS	375-92-8	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFNA	375-95-1	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFOSA	754-91-6	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFOS	1763-23-1	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFDA	335-76-2	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
8:2 FTS	39108-34-4	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
MeFOSAA	2355-31-9	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
EtFOSAA	2991-50-6	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFUnA	2058-94-8	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFDS	335-77-3	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFDoA	307-55-1	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFTrDA	72629-94-8	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
PFTeDA	376-06-7	ND	2.98	5.43	8.70	U	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	94.7	50 - 150			B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1		
13C3-PFPeA	IS	88.9	50 - 150			B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1		
13C3-PFBS	IS	105	50 - 150			B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1		
13C2-PFHxA	IS	90.1	50 - 150			B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1		
13C4-PFHpA	IS	94.0	50 - 150			B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1		
18O2-PFHxS	IS	94.1	50 - 150			B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1		
13C2-PFOA	IS	82.3	50 - 150			B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1		
13C5-PFNA	IS	75.8	50 - 150			B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1		
13C8-PFOSA	IS	35.9	50 - 150		H	B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1		
13C8-PFOS	IS	85.7	50 - 150			B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1		
13C2-PFDA	IS	78.4	50 - 150			B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1		
d3-MeFOSAA	IS	69.1	50 - 150			B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1		

Sample ID: EB01-072618					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-14	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	26-Jul-18 12:45	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	68.1	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
13C2-PFUnA	IS	69.3	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
13C2-PFDoA	IS	73.0	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
13C2-PFTeDA	IS	69.9	50 - 150		B8H0014	07-Aug-18	0.115 L	25-Aug-18 21:40	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: FRB01-072618							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-15		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	26-Jul-18 12:30		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFPeA	2706-90-3	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFBS	375-73-5	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFHxA	307-24-4	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFHpA	375-85-9	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFHxS	355-46-4	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
6:2 FTS	27619-97-2	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFOA	335-67-1	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFHpS	375-92-8	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFNA	375-95-1	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFOSA	754-91-6	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFOS	1763-23-1	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFDA	335-76-2	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
8:2 FTS	39108-34-4	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
MeFOSAA	2355-31-9	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
EtFOSAA	2991-50-6	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFUnA	2058-94-8	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFDS	335-77-3	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFDoA	307-55-1	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFTrDA	72629-94-8	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
PFTeDA	376-06-7	ND	2.87	5.25	8.39	U	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	95.3	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1		
13C3-PFPeA	IS	88.0	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1		
13C3-PFBS	IS	112	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1		
13C2-PFHxA	IS	91.1	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1		
13C4-PFHpA	IS	97.1	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1		
18O2-PFHxS	IS	93.0	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1		
13C2-PFOA	IS	86.8	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1		
13C5-PFNA	IS	81.4	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1		
13C8-PFOSA	IS	23.6	50 - 150		H	B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1		
13C8-PFOS	IS	83.0	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1		
13C2-PFDA	IS	66.2	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1		
d3-MeFOSAA	IS	69.0	50 - 150			B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1		

Sample ID: FRB01-072618					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-15	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	26-Jul-18 12:30	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	67.2	50 - 150		B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
13C2-PFUnA	IS	62.7	50 - 150		B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
13C2-PFDoA	IS	75.9	50 - 150		B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
13C2-PFTeDA	IS	79.1	50 - 150		B8H0014	07-Aug-18	0.119 L	25-Aug-18 21:50	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: GW01-072618							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-16		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	26-Jul-18 11:00		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFPeA	2706-90-3	15.4	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFBS	375-73-5	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFHxA	307-24-4	14.7	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFHpA	375-85-9	4.87	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFHxS	355-46-4	1.79	1.36	2.49	3.98	J	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
6:2 FTS	27619-97-2	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFOA	335-67-1	24.6	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFHpS	375-92-8	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFNA	375-95-1	186	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFOSA	754-91-6	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFOS	1763-23-1	12.3	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFDA	335-76-2	85.7	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
8:2 FTS	39108-34-4	5.87	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
MeFOSAA	2355-31-9	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
EtFOSAA	2991-50-6	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFUnA	2058-94-8	1570	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFDS	335-77-3	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFDoA	307-55-1	2.61	1.36	2.49	3.98	J	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFTrDA	72629-94-8	4.63	1.36	2.49	3.98		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
PFTeDA	376-06-7	ND	1.36	2.49	3.98	U	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	92.9	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1		
13C3-PFPeA	IS	90.1	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1		
13C3-PFBS	IS	104	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1		
13C2-PFHxA	IS	92.6	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1		
13C4-PFHpA	IS	97.3	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1		
18O2-PFHxS	IS	92.4	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1		
13C2-PFOA	IS	81.4	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1		
13C5-PFNA	IS	76.1	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1		
13C8-PFOSA	IS	40.7	50 - 150		H	B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1		
13C8-PFOS	IS	76.6	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1		
13C2-PFDA	IS	62.3	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1		
d3-MeFOSAA	IS	61.7	50 - 150			B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1		

Sample ID: GW01-072618					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-16	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	26-Jul-18 11:00	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	64.8	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
13C2-PFUnA	IS	63.1	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
13C2-PFDoA	IS	64.2	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
13C2-PFTeDA	IS	93.6	50 - 150		B8H0014	07-Aug-18	0.251 L	25-Aug-18 22:01	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: SA-DUP-01-20180726							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-17		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	26-Jul-18 12:00		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	2.25	1.31	2.39	3.83	J	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFPeA	2706-90-3	3.39	1.31	2.39	3.83	J	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFBS	375-73-5	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFHxA	307-24-4	3.35	1.31	2.39	3.83	J	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFHpA	375-85-9	3.54	1.31	2.39	3.83	J	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFHxS	355-46-4	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
6:2 FTS	27619-97-2	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFOA	335-67-1	6.68	1.31	2.39	3.83		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFHpS	375-92-8	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFNA	375-95-1	54.7	1.31	2.39	3.83		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFOSA	754-91-6	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFOS	1763-23-1	2.77	1.31	2.39	3.83	J	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFDA	335-76-2	4.54	1.31	2.39	3.83		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
8:2 FTS	39108-34-4	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
MeFOSAA	2355-31-9	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
EtFOSAA	2991-50-6	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFUnA	2058-94-8	70.6	1.31	2.39	3.83		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFDS	335-77-3	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFDoA	307-55-1	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFTTrDA	72629-94-8	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
PFTeDA	376-06-7	ND	1.31	2.39	3.83	U	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	92.9	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1		
13C3-PFPeA	IS	86.6	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1		
13C3-PFBS	IS	112	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1		
13C2-PFHxA	IS	89.6	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1		
13C4-PFHpA	IS	93.9	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1		
18O2-PFHxS	IS	76.1	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1		
13C2-PFOA	IS	71.7	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1		
13C5-PFNA	IS	66.3	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1		
13C8-PFOSA	IS	23.7	50 - 150		H	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1		
13C8-PFOS	IS	68.4	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1		
13C2-PFDA	IS	53.6	50 - 150			B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1		
d3-MeFOSAA	IS	47.6	50 - 150		H	B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1		

Sample ID: SA-DUP-01-20180726					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-17	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	26-Jul-18 12:00	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	52.3	50 - 150		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
13C2-PFUnA	IS	51.8	50 - 150		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
13C2-PFDoA	IS	53.5	50 - 150		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
13C2-PFTeDA	IS	62.8	50 - 150		B8H0014	07-Aug-18	0.261 L	25-Aug-18 22:11	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: EB02-072718							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-18		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	27-Jul-18 09:30		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFPeA	2706-90-3	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFBS	375-73-5	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFHxA	307-24-4	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFHpA	375-85-9	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFHxS	355-46-4	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
6:2 FTS	27619-97-2	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFOA	335-67-1	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFHpS	375-92-8	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFNA	375-95-1	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFOSA	754-91-6	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFOS	1763-23-1	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFDA	335-76-2	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
8:2 FTS	39108-34-4	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
MeFOSAA	2355-31-9	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
EtFOSAA	2991-50-6	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFUnA	2058-94-8	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFDS	335-77-3	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFDoA	307-55-1	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFTTrDA	72629-94-8	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
PFTeDA	376-06-7	ND	2.93	5.34	8.55	U	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	101	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1		
13C3-PFPeA	IS	99.0	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1		
13C3-PFBS	IS	118	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1		
13C2-PFHxA	IS	98.0	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1		
13C4-PFHpA	IS	101	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1		
18O2-PFHxS	IS	101	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1		
13C2-PFOA	IS	91.4	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1		
13C5-PFNA	IS	81.4	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1		
13C8-PFOSA	IS	32.4	50 - 150		H	B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1		
13C8-PFOS	IS	96.6	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1		
13C2-PFDA	IS	76.3	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1		
d3-MeFOSAA	IS	73.0	50 - 150			B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1		

Sample ID: EB02-072718					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-18	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	27-Jul-18 09:30	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	70.9	50 - 150		B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
13C2-PFUnA	IS	71.5	50 - 150		B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
13C2-PFDoA	IS	67.9	50 - 150		B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
13C2-PFTeDA	IS	79.7	50 - 150		B8H0014	07-Aug-18	0.117 L	25-Aug-18 22:22	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Sample ID: FRB02-072718							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	1802094-19		Column:	BEH C18		
Project:	Calverton 6A		Date Collected:	27-Jul-18 09:45		Date Received:	28-Jul-18 09:23					
SDG:	WE05											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFPeA	2706-90-3	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFBS	375-73-5	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFHxA	307-24-4	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFHpA	375-85-9	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFHxS	355-46-4	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
6:2 FTS	27619-97-2	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFOA	335-67-1	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFHpS	375-92-8	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFNA	375-95-1	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFOSA	754-91-6	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFOS	1763-23-1	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFDA	335-76-2	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
8:2 FTS	39108-34-4	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
MeFOSAA	2355-31-9	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
EtFOSAA	2991-50-6	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFUnA	2058-94-8	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFDS	335-77-3	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFDoA	307-55-1	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFTrDA	72629-94-8	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
PFTeDA	376-06-7	ND	3.03	5.53	8.85	U	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	95.6	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1		
13C3-PFPeA	IS	90.1	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1		
13C3-PFBS	IS	105	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1		
13C2-PFHxA	IS	90.2	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1		
13C4-PFHpA	IS	94.3	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1		
18O2-PFHxS	IS	96.4	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1		
13C2-PFOA	IS	83.1	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1		
13C5-PFNA	IS	77.6	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1		
13C8-PFOSA	IS	17.7	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1		
13C8-PFOS	IS	87.9	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1		
13C2-PFDA	IS	62.6	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1		
d3-MeFOSAA	IS	59.6	50 - 150			B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1		

Sample ID: FRB02-072718					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	1802094-19	Column:	BEH C18			
Project:	Calverton 6A	Date Collected:	27-Jul-18 09:45	Date Received:	28-Jul-18 09:23					
SDG:	WE05									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
d5-EtFOSAA	IS	60.4	50 - 150		B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
13C2-PFUnA	IS	51.6	50 - 150		B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
13C2-PFDoA	IS	49.8	50 - 150	H	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
13C2-PFTeDA	IS	30.5	50 - 150	H	B8H0014	07-Aug-18	0.113 L	25-Aug-18 22:33	1	
DL - Detection Limit		LOD - Limit of Detection		Results reported to the DL.		When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.				
		LOQ - Limit of quantitation								

Appendix C

Support Documentation

ANALYTE	ORIGINAL PZ144S	DUPLICATE DUP-01	RL	RPD	RPD > 30% Aqueous	DUPLICATE		DIFFERENCE >2XRL	
						ORIGINAL SAMPLE CONC >2xRL	SAMPLE CONC >2xRL		
N-ETHYLPERFLUOROOCTANE SULFONAMIDOACETATE(NEFOSA)	EtFOSAA	1.35	2.39	3.93	55.61	TRUE	FALSE	FALSE	FALSE
PENTADECAFLUOROOCTANOIC ACID (PFOA)	PFOA	6.12	6.68	3.93	8.75	FALSE	FALSE	FALSE	FALSE
PERFLUOROBUTANOIC ACID (PFBA)	PFBA	2.19	2.25	3.93	2.70	FALSE	FALSE	FALSE	FALSE
PERFLUORODECANOIC ACID (PFDA)	PFDA	3.98	4.54	3.93	13.15	FALSE	FALSE	FALSE	FALSE
PERFLUOROHEPTANOIC ACID (PFHPA)	PFHpA	3.28	3.54	3.93	7.62	FALSE	FALSE	FALSE	FALSE
PERFLUOROHEXANOIC ACID (PFHXA)	PFHxA	3.2	3.35	3.93	4.58	FALSE	FALSE	FALSE	FALSE
PERFLUORONONANOIC ACID (PFNA)	PFNA	58.6	54.7	3.93	6.88	FALSE	TRUE	TRUE	FALSE
PERFLUOROOCTANESULFONIC ACID (PFOS)	PFOS	2.77	2.77	3.93	0.00	FALSE	FALSE	FALSE	FALSE
PERFLUOROPENTANOIC ACID (PFPEA)	PFPeA	3.05	3.39	3.93	10.56	FALSE	FALSE	FALSE	FALSE
PERFLUOROUNDECANOIC ACID (PFUNA)	PFUnA	61.8	70.6	3.93	13.29	FALSE	TRUE	TRUE	TRUE



1 of 2
CHAIN OF CUSTODY

For Laboratory Use Only
 Work Order #: 1802094 Temp: 1.2 °C
 Storage ID: WR-2 Storage Secured: Yes No

Project ID: Calverton GA PO#: WEOS Sampler: Scott Anderson
 (name)

TAT Standard: 21 days
 (check one): Rush (surcharge may apply)
 14 days 7 days Specify: _____

Invoice to: Name Company Address City State Ph# Fax#
Kristi Francisco Tetra Tech Inc. 5700 Lake Wright Norfolk VA 23502 757-466-4902

Relinquished by (printed name and signature) Date Time Received by (printed name and signature) Date Time
[Signature] 7/27/18 1330 Bettina Benedict Bettina Benedict 07/28/18 0927
 Relinquished by (printed name and signature) Date Time Received by (printed name and signature) Date Time

SHIP TO: Vista Analytical Laboratory 1104 Windfield Way El Dorado Hills, CA 95762 (916) 673-1520 * Fax (916) 673-0106				Method of Shipment: <u>Fed Ex</u>		Add Analysis(es) Requested		Container(s)		Mod. EPA Method 537		EPA Method 537 (DW only)		Comments
ATTN: <u>Sample Receiving</u>				Tracking No.: <u>8244 5963 9779</u>		Quantity	Type	Matrix	PFOA/PFOS	UCMR3 PFAS List 8	337 List: 14	Full List of 28	Other: Please List Below	
Sample ID	Date	Time	Location/Sample Description											
<u>FC-MW03SA1-20180726</u>	<u>7/26</u>	<u>1015</u>	<u>FC-MW03R1</u>	<u>2</u>	<u>P</u>	<u>AQ</u>	<u>X</u>							
<u>SA-P2163E-20180726</u>		<u>1345</u>	<u>SA-P2163E</u>				<u>X</u>							
<u>SA-P2181I-20180726</u>		<u>945</u>	<u>SA-P2181I</u>				<u>X</u>							
<u>SA-P2182I-20180726</u>		<u>1155</u>	<u>SA-P2182I</u>				<u>X</u>							
<u>SA-P2145I-20180726</u>		<u>1515</u>	<u>SA-P2145I</u>				<u>X</u>							
<u>SA-P2145D-20180726</u>		<u>1515</u>	<u>SA-P2145D</u>				<u>X</u>							
<u>SA-MW128I-20180726</u>		<u>1250</u>	<u>SA-MW128I</u>				<u>X</u>							
<u>SA-P2144I-20180726</u>		<u>950</u>	<u>SA-P2144I</u>				<u>X</u>							
<u>SA-P2144S-20180726</u>		<u>1110</u>	<u>SA-P2144S</u>				<u>X</u>							
<u>SA-P2171I-20180727</u>	<u>7/27</u>	<u>1015</u>	<u>SA-P2171I</u>	<u>6</u>	<u>↓</u>	<u>↓</u>	<u>X</u>						<u>MS/MSD</u>	

Special Instructions/Comments: _____

SEND DOCUMENTATION AND RESULTS TO:

Name: Kristi Francisco
 Company: Tetra Tech
 Address: Twin Lakes I, Suite 102 5700 Lake Wright
 City: Norfolk State: VA Zip: 23502
 Phone: 757-466-4902 Fax: _____
 Email: kristi.francisco@tetratech.com

Container Types: P= HDPE, PJ= HDPE Jar Bottle Preservation Type: T = Thiosulfate, Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment,
 O = Other: _____ TZ = Trizma: _____ SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other: _____



2 of 2
CHAIN OF CUSTODY

For Laboratory Use Only
 Work Order #: 1802094 Temp: 1.2 °C
 Storage ID: WR2 Storage Secured: Yes No

Project ID: Calverton GA PO#: WE05 Sampler: Scott Anderson
 (name)

TAT Standard: 21 days
 (check one): Rush (surcharge may apply)
 14 days 7 days Specify: _____

Invoice to: Name Krist. Francisco Company Tetra Tech Inc. Address 5700 Lake Wright City Norfolk, VA State VA Ph# 757-466-4902 Fax# _____

Relinquished by (printed name and signature) [Signature] Date 7/27/18 Time 1330 Received by (printed name and signature) Bethna Benedict Date 07/28/18 Time 0927

Sample ID	Date	Time	Location/Sample Description	Add Analysis(es) Requested										Comments			
				Quantity	Type	Matrix	PFOS/PFOA	UCMR3 PFAS List 6	537 List: 14	Full List of 26	Other: Please List Below	PFOS/PFOA	UCMR3 PFAS List 6		PFAS List: 14		
SA-SW201-20180727	7/27	908	SA-SW201	2	P	AQ	X										
SA-SW204-20180727	↓	850	SA-SW204	↓	↓	↓	X										
SA-SW301-20180727	↓	1000	SA-SW301	↓	↓	↓	X										
EB01-072618	7/26	1245	X	↓	↓	↓	X										
FRB01-072618	7/26	1230		↓	↓	↓	X										
GW01-072618	7/26	1100		↓	↓	↓	X										
SA-DUP-01-20180726	7/26	1200		↓	↓	↓	X										
EB02-072718	7/27	930		↓	↓	↓	X										
FRB02-072718	7/27	945		↓	↓	↓	X										

Special Instructions/Comments: _____

SEND DOCUMENTATION AND RESULTS TO:

Name: _____
 Company: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone: _____ Fax: _____
 Email: _____

Container Types: P= HDPE, PJ= HDPE Jar
 O = Other: _____
 Bottle Preservation Type: T = Thiosulfate, TZ = Trizma: _____
 Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other: _____



Sample Log-in Checklist

Vista Work Order #: 1802094 TAT Std

Samples Arrival:	Date/Time 07/20/18 0923	Initials: BEB	Location: WR-2 Shelf/Rack: NA				
Logged In:	Date/Time 07/30/18 0931	Initials: KE	Location: WR-2 Shelf/Rack: F3/F6				
Delivered By:	<input checked="" type="radio"/> FedEx	<input type="radio"/> UPS	<input type="radio"/> On Trac	<input type="radio"/> GSO	<input type="radio"/> DHL	<input type="radio"/> Hand Delivered	<input type="radio"/> Other
Preservation:	<input checked="" type="radio"/> Ice	<input type="radio"/> Blue Ice	<input type="radio"/> Dry Ice	<input type="radio"/> None			
Temp °C: 1.3 (uncorrected)	Time: 0924	Thermometer ID: IR-4					
Temp °C: 1.2 (corrected)	Probe used: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>						

		YES	NO	NA		
Adequate Sample Volume Received?		KE				
Holding Time Acceptable?		KE				
Shipping Container(s) Intact?		BEB				
Shipping Custody Seals Intact?		BEB				
Shipping Documentation Present?		BEB				
Airbill	Trk # 8744 5963 9779	BEB				
Sample Container Intact?		KE				
Sample Custody Seals Intact?				KE		
Chain of Custody / Sample Documentation Present?		KE				
COC Anomaly/Sample Acceptance Form completed?				KE		
If Chlorinated or Drinking Water Samples, Acceptable Preservation?				KE		
Preservation Documented:	Na ₂ S ₂ O ₃	Trizma	None	Yes	No	NA
Shipping Container	<input checked="" type="radio"/> Vista	Client	<input checked="" type="radio"/> Retain	Return	Dispose	

Comments:

SDG Number WE05

Vista Work Order No. 1802094

Case Narrative

Sample Condition on Receipt:

Nineteen aqueous samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology. As requested, the analyte list was increased from two to twenty-one analytes.

Analytical Notes:

PFAS Isotope Dilution Method

The following samples contained particulate and were centrifuged prior to extraction:

<u>Laboratory ID</u>	<u>Sample Name</u>
1802094-01	FC-MW025R1-20180726
1802094-04	SA-PZ182I-20180726
1802094-06	SA-PZ145D-20180726
1802094-11	SA-SW201-20180727
1802094-12	SA-SW204-20180727
1802094-13	SA-SW301-20180727
1802094-14	EB01-072618

The samples were extracted and analyzed for a selected list of PFAS using the PFAS Isotope Dilution Method (Modified EPA Method 537). The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted and analyzed within the method hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 the LOQ. The OPR recoveries were within the method acceptance criteria.

The extracts of samples "SA-PZ145D-20180726", "SA-PZ144I-20180726" and "FRB02-072718" were re-injected because one or more Injection Internal Standard Analyte response areas were outside of criteria. The results were similar in the second injection of "FRB02-072718" and the results from the original injections have been reported. The area criteria passed for the second injections of "SA-PZ145D-20180726" and "SA-PZ144I-20180726" and the results from the re-injections have been reported.

The extract of sample "SA-MW128I-20180726" was re-injected because it followed an extract with an analyte with a concentration greater than the highest point in the calibration curve. The results from the re-injection have been reported.

As requested, an MS/MSD was performed on sample "SA-PZ1711-20180727". The MS/MSD recoveries and/or RPDs were out of the acceptance criteria for PFNA and PFUnA.

The labeled standard recoveries outside the acceptance criteria are listed in the table below.

JAS 11/2/18

QC Anomalies

Field ID FC-MW025R1-20180726 was incorrectly recorded by the lab. Correct ID is FC-MW02SR1-20180726

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
1802094-01	FC-MW025R1-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	38.8
1802094-02	SA-PZ163I-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	30.6
1802094-02	SA-PZ163I-20180726	PFAS Isotope Dilution Method	d3-MeFOSAA	H	47.6
1802094-02	SA-PZ163I-20180726	PFAS Isotope Dilution Method	d5-EtFOSAA	H	45.6
1802094-03	SA-PZ181I-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	36.5
1802094-04	SA-PZ182I-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	31.1
1802094-05	SA-PZ145I-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	34.3
1802094-06	SA-PZ145D-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	21.4
1802094-06	SA-PZ145D-20180726	PFAS Isotope Dilution Method	d3-MeFOSAA	H	43.9
1802094-06	SA-PZ145D-20180726	PFAS Isotope Dilution Method	d5-EtFOSAA	H	44.6
1802094-06	SA-PZ145D-20180726	PFAS Isotope Dilution Method	13C2-PFUnA	H	49.8
1802094-07	SA-MW128I-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	25.4
1802094-08	SA-PZ144I-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	30.6
1802094-09	SA-PZ144S-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	31.0
1802094-10	SA-PZ171I-20180727	PFAS Isotope Dilution Method	13C8-PFOA	H	35.9
1802094-11	SA-SW201-20180727	PFAS Isotope Dilution Method	13C8-PFOA	H	33.6
1802094-12	SA-SW204-20180727	PFAS Isotope Dilution Method	13C8-PFOA	H	34.5
1802094-14	EB01-072618	PFAS Isotope Dilution Method	13C8-PFOA	H	35.9
1802094-15	FRB01-072618	PFAS Isotope Dilution Method	13C8-PFOA	H	23.6
1802094-16	GW01-072618	PFAS Isotope Dilution Method	13C8-PFOA	H	40.7
1802094-17	SA-DUP-01-20180726	PFAS Isotope Dilution Method	13C8-PFOA	H	23.7
1802094-17	SA-DUP-01-20180726	PFAS Isotope Dilution Method	d3-MeFOSAA	H	47.6
1802094-18	EB02-072718	PFAS Isotope Dilution Method	13C8-PFOA	H	32.4
1802094-19	FRB02-072718	PFAS Isotope Dilution Method	13C8-PFOA	H	17.7
1802094-19	FRB02-072718	PFAS Isotope Dilution Method	13C2-PFDoA	H	49.8
1802094-19	FRB02-072718	PFAS Isotope Dilution Method	13C2-PFTeDA	H	30.5
B8H0014-BLK1	B8H0014-BLK1	PFAS Isotope Dilution Method	13C8-PFOA	H	34.6
B8H0014-BS1	B8H0014-BS1	PFAS Isotope Dilution Method	13C8-PFOA	H	23.9
B8H0014-MS1	B8H0014-MS1	PFAS Isotope Dilution Method	13C8-PFOA	H	29.4
B8H0014-MSD1	B8H0014-MSD1	PFAS Isotope Dilution Method	13C8-PFOA	H	38.5

H = Recovery was outside laboratory acceptance criteria.

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1802094-01	FC-MW025R1-20180726	26-Jul-18 10:15	28-Jul-18 09:23	HDPE Bottle, 250 mL
1802094-02	SA-PZ163I-20180726	26-Jul-18 13:45	28-Jul-18 09:23	HDPE Bottle, 250 mL
1802094-03	SA-PZ181I-20180726	26-Jul-18 09:45	28-Jul-18 09:23	HDPE Bottle, 250 mL
1802094-04	SA-PZ182I-20180726	26-Jul-18 11:55	28-Jul-18 09:23	HDPE Bottle, 250 mL
1802094-05	SA-PZ145I-20180726	26-Jul-18 15:15	28-Jul-18 09:23	HDPE Bottle, 250 mL
1802094-06	SA-PZ145D-20180726	26-Jul-18 15:15	28-Jul-18 09:23	HDPE Bottle, 250 mL
1802094-07	SA-MW128I-20180726	26-Jul-18 12:50	28-Jul-18 09:23	HDPE Bottle, 250 mL
1802094-08	SA-PZ144I-20180726	26-Jul-18 09:50	28-Jul-18 09:23	HDPE Bottle, 250 mL
1802094-09	SA-PZ144S-20180726	26-Jul-18 11:10	28-Jul-18 09:23	HDPE Bottle, 250 mL
1802094-10	SA-PZ171I-20180727	MS/MSD27-Jul-18 10:15	28-Jul-18 09:23	HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1802094-11	SA-SW201-20180727	27-Jul-18 09:08	28-Jul-18 09:23	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1802094-12	SA-SW204-20180727	27-Jul-18 08:50	28-Jul-18 09:23	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1802094-13	SA-SW301-20180727	27-Jul-18 10:00	28-Jul-18 09:23	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1802094-14	EB01-072618	26-Jul-18 12:45	28-Jul-18 09:23	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1802094-15	FRB01-072618	26-Jul-18 12:30	28-Jul-18 09:23	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1802094-16	GW01-072618	26-Jul-18 11:00	28-Jul-18 09:23	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1802094-17	SA-DUP-01-20180726	26-Jul-18 12:00	28-Jul-18 09:23	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1802094-18	EB02-072718	27-Jul-18 09:30	28-Jul-18 09:23	HDPE Bottle, 125 mL

Vista Project: 1802094

Client Project: Calverton 6A

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1802094-18	EB02-072718	27-Jul-18 09:30	28-Jul-18 09:23	HDPE Bottle, 125 mL
1802094-19	FRB02-072718	27-Jul-18 09:45	28-Jul-18 09:23	HDPE Bottle, 125 mL HDPE Bottle, 125 mL

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
D	Dilution
DL	Detection limit
E	The associated compound concentration exceeded the calibration range of the instrument
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limits of Detection
LOQ	Limits of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
NA	Not applicable
ND	Not Detected
Q	Ion ratio outside of 70-130% of Standard Ratio. (DOD PFAS projects only)
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M PFAS DOD (LOQ as mRL)

B8H0014

Chemist: JB
 Prep Date: 8/7/18
 Prep Time: 1:00

Prepared using: LCMS - SPE Extraction-LCMS

Cen	VISTA Sample ID	Date/Initials: <u>hb 8/2/18</u>		Chlorine (Cl)	Drops HCl Added	Balance ID: <u>HRM1-8</u>			IS/NS CHEM/WIT DATE	SPE	RS CHEM/WIT DATE
		pH Before	pH After			Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)			
<input type="checkbox"/>	B8H0014-BLK1 ^(D)	5	2	0	4	NA	NA	(0.250)	JB KC 8/7/18	JB 8/7/18	JB KC 8/7/18
<input type="checkbox"/>	B8H0014-BS1	5	2	0	4	↓	↓	(0.250)			
<input type="checkbox"/>	B8H0014-MS1 1802094-10	4	2	0	4	280.02	27.51	0.25251			
<input type="checkbox"/>	B8H0014-MSD1 1802094-10	4	2	0	4	283.22	26.92	0.25630			
<input checked="" type="checkbox"/>	1802094-01	5	2	0	4	275.74	27.60	0.24814			
<input type="checkbox"/>	1802094-02	4	2	0	4	280.95	37.46	0.24349			
<input type="checkbox"/>	1802094-03	4	2	0	4	288.23	37.15	0.25109			
<input checked="" type="checkbox"/>	1802094-04 ^(B)	5	2	0	4	277.61	37.18	0.24043			
<input type="checkbox"/>	1802094-05	4	2	0	4	279.67	26.94	0.25273			
<input checked="" type="checkbox"/>	1802094-06	5	2	0	4	275.72	27.67	0.24805			
<input type="checkbox"/>	1802094-07	5	2	0	4	280.76	27.76	0.25300			
<input type="checkbox"/>	1802094-08	5	2	0	4	296.39	27.87	0.26832			
<input type="checkbox"/>	1802094-09	5	2	0	4	281.98	27.76	0.25422			
<input type="checkbox"/>	1802094-10	4	2	0	4	287.14	27.50	0.25964			
<input checked="" type="checkbox"/>	1802094-11 ^{(A)(C)}	5	2	0	3	140.42 (37.57)	26.66	0.10591			
<input checked="" type="checkbox"/>	1802094-12 ^{(A)(C)}	4	2	0	3	143.98 (36.33)	26.56	0.10477			

IS: 18F0406, 10µL
 IS SUP: NA
 NS: 18F2025, 10µL
 RS: 18F0406, 10µL

SPE Chem: Std XAW 33µm 200mg/5mL
 Ele SOLV: MeOH 5% NH₄OH in MeOH
 Final Volume(s) 1mL

Notes: ^(A) sample was centrifuged, but was still deeply colored. HB 8/2/18
^(B) sample centrifuged twice, but some orange floaty particulate still remained suspended in sample. HB 8/2/18
^(C) sample centrifuged a second time to remove leftover precipitate. HB 8/7/18
^(D) EMSCods used. Lot # 10262101. JB 8/7/18

Comments: Assume 1 g = 1 mL
 Cen = Centrifuged
 Work Order 1802094

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M PFAS DOD (LOQ as mRL)

B8H0014

Chemist: JR

Prep Date: 8/7/19

Prep Time: 11:00

Prepared using: LCMS - SPE Extraction-LCMS

		Date/Initials: MB 8/02/18				Balance ID: HRW-8						
Cen	VISTA Sample ID	pH Before	pH After	Chlorine (Cl)	Drops HCl Added	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (g)	IS/NS CHEM/WIT DATE	SPE	RS CHEM/WIT DATE	
<input checked="" type="checkbox"/>	1802094-13 (A) (C) (D)	4	2	0	3	138.02	26.67	0.10413	JR VC 8/7/19	✓	JR VC 8/7/19	
<input type="checkbox"/>	1802094-14	4	2	0	3	141.45	26.56	0.11489	↑	↑	↑	
<input type="checkbox"/>	1802094-15	4	2	0	3	145.94	26.78	0.11916	↑	↑	↑	
<input checked="" type="checkbox"/>	1802094-16	5	2	0	4	278.79	27.50	0.25129	↑		↑	
<input type="checkbox"/>	1802094-17	4	2	0	4	288.65	27.45	0.26240	✓		↑	
<input type="checkbox"/>	1802094-18	4	2	0	3	143.54	26.59	0.11695	✓		↑	
<input type="checkbox"/>	1802094-19	4	2	0	3	139.68	26.69	0.11299	✓	✓	✓	

IS: 18F0405 10µL (V)	SPE Chem: Strata XAW 33µm 200mg/6mL	Notes: (A) sample was centrifuged, but I was deeply colored. HP 813018 (B) EMS-cab used. Lot # 10262101. JR 3/1/18 still
IS SUP: NA	Ele SOLV: MeOH/.5% v/v cit in MeOH	
NS: 13F2025 10µL (V ₃)	Final Volume(s) 1mL	
RS: 18F0406 10µL (V)		

Comments: Assume 1 g = 1 mL
Cen = Centrifuged

Work Order 1802094

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
1802094-01	0.24814 ✓	NA	NA	1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-02	0.24349 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-03	0.25108 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-04	0.24043 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-05	0.25273 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-06	0.24805 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-07	0.253 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-08	0.26852 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-09	0.25422 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-10	0.25964 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-11	0.10591 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-12	0.10977 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-13	0.10413 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-14	0.11489 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-15	0.11916 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-16	0.25129 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-17	0.2609 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-18	0.11695 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
1802094-19	0.11299 ✓			1000	07-Aug-18 11:00	JMR			Aqueous	537M PFAS DOD (LOQ as
B8H0014-BLK1	0.25 ✓			1000	02-Aug-18 07:00	JMR				QC
B8H0014-BS1	0.25 ✓			1000	07-Aug-18 11:00	JMR	18F2025 ✓	10 ✓		QC
B8H0014-MS1	0.25251 ✓			1000	07-Aug-18 11:00	JMR	18F2025 ✓	10 ✓		QC
B8H0014-MSD1	0.2563 ✓			1000	07-Aug-18 11:00	JMR	18F2025 ✓	10 ✓		QC

8/8/18
AE

Sample ID: Method Blank							PFAS Isotope Dilution Method					
Client Data					Laboratory Data							
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	B8H0014-BLK1		Column:	BEH C18		
Project:	Calverton 6A											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFPeA	2706-90-3	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFBS	375-73-5	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFHxA	307-24-4	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFHpA	375-85-9	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFHxS	355-46-4	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
6:2 FTS	27619-97-2	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFOA	335-67-1	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFHpS	375-92-8	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFNA	375-95-1	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFOSA	754-91-6	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFOS	1763-23-1	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFDA	335-76-2	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
8:2 FTS	39108-34-4	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
MeFOSAA	2355-31-9	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
EtFOSAA	2991-50-6	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFUnA	2058-94-8	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFDS	335-77-3	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFDoA	307-55-1	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFTtDA	72629-94-8	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
PFTeDA	376-06-7	ND	1.37	2.50	4.00	U	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	99.9	50 - 150			B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1		
13C3-PFPeA	IS	94.6	50 - 150			B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1		
13C3-PFBS	IS	113	50 - 150			B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1		
13C2-PFHxA	IS	97.8	50 - 150			B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1		
13C4-PFHpA	IS	104	50 - 150			B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1		
18O2-PFHxS	IS	98.0	50 - 150			B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1		
13C2-PFOA	IS	90.5	50 - 150			B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1		
13C5-PFNA	IS	79.2	50 - 150			B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1		
13C8-PFOSA	IS	34.6	50 - 150		H	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1		
13C8-PFOS	IS	95.9	50 - 150			B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1		
13C2-PFDA	IS	71.6	50 - 150			B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1		
d3-MeFOSAA	IS	61.1	50 - 150			B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1		
d5-EtFOSAA	IS	64.8	50 - 150			B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1		

Sample ID: Method Blank					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	B8H0014-BLK1	Column:	BEH C18			
Project:	Calverton 6A									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-PFUnA	IS	64.0	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
13C2-PFDoA	IS	65.9	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	
13C2-PFTeDA	IS	71.1	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:29	1	

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR						PFAS Isotope Dilution Method					
Client Data						Laboratory Data					
Name:	Tetra Tech		Matrix:	Aqueous		Lab Sample:	B8H0014-BS1		Column:	BEH C18	
Project:	Calverton 6A										
Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	39.2	40.0	98.1	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFPeA	2706-90-3	41.0	40.0	102	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFBS	375-73-5	39.4	40.0	98.4	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFHxA	307-24-4	42.0	40.0	105	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFHpA	375-85-9	41.0	40.0	102	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFHxS	355-46-4	42.7	40.0	107	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
6:2 FTS	27619-97-2	43.5	40.0	109	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFOA	335-67-1	41.5	40.0	104	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFHpS	375-92-8	45.2	40.0	113	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFNA	375-95-1	38.4	40.0	96.0	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFOSA	754-91-6	38.9	40.0	97.3	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFOS	1763-23-1	43.6	40.0	109	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFDA	335-76-2	40.7	40.0	102	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
8:2 FTS	39108-34-4	42.5	40.0	106	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
MeFOSAA	2355-31-9	39.8	40.0	99.6	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
EtFOSAA	2991-50-6	38.8	40.0	96.9	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFUnA	2058-94-8	42.6	40.0	106	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFDS	335-77-3	41.1	40.0	103	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFDoA	307-55-1	42.2	40.0	106	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFTTrDA	72629-94-8	43.0	40.0	107	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
PFTeDA	376-06-7	42.6	40.0	107	70 - 130		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1
Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	102	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1		
13C3-PFPeA	IS	97.2	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1		
13C3-PFBS	IS	111	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1		
13C2-PFHxA	IS	97.6	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1		
13C4-PFHpA	IS	97.3	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1		
18O2-PFHxS	IS	100	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1		
13C2-PFOA	IS	94.0	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1		
13C5-PFNA	IS	89.3	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1		
13C8-PFOSA	IS	23.9	50 - 150	H	B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1		
13C8-PFOS	IS	96.9	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1		
13C2-PFDA	IS	78.9	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1		
d3-MeFOSAA	IS	69.9	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1		
d5-EtFOSAA	IS	76.0	50 - 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1		

Sample ID: OPR				PFAS Isotope Dilution Method						
Client Data				Laboratory Data						
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	B8H0014-BS1	Column:	BEH C18			
Project:	Calverton 6A									
Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-PFUnA	IS	69.4	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1	
13C2-PFDoA	IS	75.3	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1	
13C2-PFTeDA	IS	78.7	50- 150		B8H0014	07-Aug-18	0.250 L	25-Aug-18 18:18	1	

Sample ID: SA-PZ1711-20180727												PFAS Isotope Dilution Method					
Name: Tetra Tech			Lab Sample: B8H0014-MS1/B8H0014-MSD1			Source Lab Sample: 1802094-10											
Project: Calverton 6A			QC Batch: B8H0014			Date Extracted: 07-Aug-18											
Matrix: Aqueous			Samp Size: 0.253/0.256 L			Column: BEH C18											
Analyte	CAS Number	Sample (ng/L)	MS (ng/L)	MS Spike Amt	MS % Rec	MS Quals	MSD (ng/L)	MSD Spike Amt	MSD % Rec	MSD RPD	MSD Quals	%Rec Limits	RPD Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
PFBA	375-22-4	ND	39.8	39.6	101		38.9	39.0	99.7	1.30		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFPeA	2706-90-3	8.23	50.1	39.6	106		49.9	39.0	107	0.939		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFBS	375-73-5	ND	39.7	39.6	100		41.5	39.0	106	5.83		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFHxA	307-24-4	9.10	50.6	39.6	105		50.5	39.0	106	0.948		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFHpA	375-85-9	19.5	57.0	39.6	94.7		58.4	39.0	99.6	5.04		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFHxS	355-46-4	ND	42.0	39.6	103		41.0	39.0	102	0.976		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
6:2 FTS	27619-97-2	12.0	53.6	39.6	105		57.5	39.0	117	10.8		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFOA	335-67-1	36.0	81.2	39.6	114		80.6	39.0	114	0		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFHpS	375-92-8	ND	44.4	39.6	112		44.4	39.0	114	1.77		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFNA	375-95-1	1090	1100	39.6	20.8	H	1080	39.0	-23.7	3070	H	70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFOSA	754-91-6	ND	39.7	39.6	100		41.2	39.0	106	5.83		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFOS	1763-23-1	8.31	50.7	39.6	107		51.6	39.0	111	3.67		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFDA	335-76-2	27.9	62.9	39.6	88.4		64.5	39.0	93.8	5.93		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
8:2 FTS	39108-34-4	4.80	41.3	39.6	92.2		47.4	39.0	109	16.7		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
MeFOSAA	2355-31-9	ND	40.4	39.6	102		36.9	39.0	94.7	7.42		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
EtFOSAA	2991-50-6	5.66	45.3	39.6	100		43.4	39.0	96.7	3.36		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFUnA	2058-94-8	653	737	39.6	212	H	746	39.0	237	11.1	H	70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFDS	335-77-3	ND	39.5	39.6	99.9		40.2	39.0	103	3.06		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFDoA	307-55-1	ND	40.7	39.6	103		43.8	39.0	112	8.37		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFTTrDA	72629-94-8	ND	41.1	39.6	104		42.1	39.0	108	3.77		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
PFTeDA	376-06-7	ND	43.6	39.6	110		48.7	39.0	125	12.8		70-130	30	25-Aug-18 18:40	1	25-Aug-18 18:50	1
Labeled Standards	Type				MS % Rec	MS Quals			MSD % Rec	MSD Quals	MSD Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil		
13C3-PFBA	IS				98.3				99.5		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1		
13C3-PFPeA	IS				93.8				92.5		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1		
13C3-PFBS	IS				107				116		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1		
13C2-PFHxA	IS				94.8				97.0		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1		
13C4-PFHpA	IS				98.8				103		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1		
18O2-PFHxS	IS				93.4				92.1		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1		
13C2-PFOA	IS				85.3				87.9		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1		
13C5-PFNA	IS				84.5				85.4		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1		
13C8-PFOSA	IS				29.4	H			38.5	H	50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1		
13C8-PFOS	IS				96.2				94.2		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1		
13C2-PFDA	IS				81.6				81.2		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1		
d3-MeFOSAA	IS				88.4				98.8		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1		

Sample ID: SA-PZ1711-20180727				PFAS Isotope Dilution Method						
Name:	Tetra Tech	Lab Sample:	B8H0014-MS1/B8H0014-MSD1	Source Lab Sample:	1802094-10					
Project:	Calverton 6A	QC Batch:	B8H0014	Date Extracted:	07-Aug-18					
Matrix:	Aqueous	Samp Size:	0.253/0.256 L	Column:	BEH C18					
Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
d5-EtFOSAA	IS	82.8		86.4		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
13C2-PFUnA	IS	80.9		78.7		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
13C2-PFDoA	IS	84.7		78.2		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1
13C2-PFTeDA	IS	101		83.7		50-150	25-Aug-18 18:40	1	25-Aug-18 18:50	1

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-28.qld

COMPOUND ASSOCIATIONS LABELED STANDARDS

Last Altered: Thursday, August 30, 2018 12:33:29 Pacific Daylight Time

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Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

#	Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respo...	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	1.26e4	1.39e4	0.250	1.14	1.27	11.4	39.2332	98.1		
2	2 PFPeA	263.1 > 218.9	1.65e4	2.10e4	0.250	0.980	2.27	9.80	40.9748	102.4		
3	3 PFBS	299.0 > 79.7	3.83e3	2.45e3	0.250	1.96	2.58	19.6	39.3525	98.4	2.71	NO
4	4 4:2 FTS	327.2>307.2	3.71e3	4.86e3	0.250	0.954	2.99	9.54	40.2196	100.5	1.58	NO
5	5 PFHxA	313 > 269	2.52e4	1.28e4	0.250	0.988	3.08	9.88	41.9517	104.9	14.9	NO
6	36 13C3-PFBA	216.1 > 171.8	1.39e4	1.66e4	0.250	0.839	1.27	10.5	50.7527	101.5		
7	37 13C3-PFPeA	266. > 221.8	2.10e4	3.38e4	0.250	0.622	2.27	7.78	48.5969	97.2		
8	38 13C3-PFBS	302. > 98.8	2.45e3	3.38e4	0.250	0.0724	2.57	0.905	55.5671	111.1		
9	39 13C2-4:2 FTS	329.2>308.9	4.86e3	3.38e4	0.250	0.144	2.99	1.80	51.4374	102.9		
10	40 13C2-PFHxA	315 > 270	1.28e4	3.38e4	0.250	0.944	3.08	4.72	19.5208	97.6		
11	-1											
12	6 PFPeS	349.1>80.1	3.38e3	2.45e3	0.250	1.73	3.29	17.3	41.2371	103.1	1.68	NO
13	7 PFHpA	363.0 > 318.9	1.84e4	1.92e4	0.250	1.20	3.70	12.0	40.9587	102.4	22.5	NO
14	8 L-PFHxS	398.9 > 79.6	3.18e3	2.15e3	0.250	1.84	3.86	18.4	42.6598	106.6	1.80	NO
15	68 Total PFHxS	398.9 > 79.6	3.18e3	2.15e3	0.250			18.4	42.6598			
16	10 6:2 FTS	427.1 > 407	4.22e3	4.86e3	0.250	1.08	4.18	10.8	43.4625	108.7	2.68	NO
17	38 13C3-PFBS	302. > 98.8	2.45e3	3.38e4	0.250	0.0724	2.57	0.905	55.5671	111.1		
18	41 13C4-PFHpA	367.2 > 321.8	1.92e4	3.38e4	0.250	0.570	3.70	7.12	48.6724	97.3		
19	42 18O2-PFHxS	403.0 > 102.6	2.15e3	4.16e3	0.250	0.518	3.86	6.48	50.0909	100.2		
20	42 18O2-PFHxS	403.0 > 102.6	2.15e3	4.16e3	0.250	0.518	3.86	6.48	50.0909	100.2		
21	43 13C2-6:2 FTS	429.1 > 408.9	4.86e3	3.62e4	0.250	0.134	4.18	1.68	50.2807	100.6		
22	-1											
23	11 L-PFOA	412.8 > 368.9	3.02e4	2.93e4	0.250	1.29	4.24	12.9	41.4641	103.7	3.46	NO
24	69 Total PFOA	412.8 > 368.9	3.02e4	2.93e4	0.250			12.9	41.4641			
25	13 PFHpS	449 > 80.0	3.73e3	4.88e3	0.250	0.954	4.35	9.54	45.1743	112.9	1.71	NO
26	16 L-PFOS	498.9 > 79.9	4.14e3	4.88e3	0.250	1.06	4.77	10.6	43.5834	109.0	1.87	NO
27	70 Total PFOS	498.9 > 79.9	4.14e3	4.88e3	0.250			10.6	43.5834			
28	44 13C2-PFOA	414.9 > 369.7	2.93e4	3.62e4	0.250	0.811	4.24	10.1	47.0169	94.0		
29	44 13C2-PFOA	414.9 > 369.7	2.93e4	3.62e4	0.250	0.811	4.24	10.1	47.0169	94.0		
30	47 13C8-PFOS	507.0 > 79.9	4.88e3	4.74e3	0.250	1.03	4.77	12.9	48.4671	96.9		
31	47 13C8-PFOS	507.0 > 79.9	4.88e3	4.74e3	0.250	1.03	4.77	12.9	48.4671	96.9		
32	47 13C8-PFOS	507.0 > 79.9	4.88e3	4.74e3	0.250	1.03	4.77	12.9	48.4671	96.9		
33	-1											
34	14 PFNA	463.0 > 418.8	2.52e4	2.74e4	0.250	1.15	4.68	11.5	38.4168	96.0	5.48	NO
35	15 PFOSA	497.9 > 77.9	1.50e3	1.83e3	0.250	1.02	4.74	10.2	38.9202	97.3	55.2	YES
36	18 PFDA	513 > 468.8	2.51e4	2.51e4	0.250	1.25	5.07	12.5	40.6756	101.7	6.62	NO

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Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

#	Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respo...	Conc.	%Rec	Ion Ratio	Ratio Out?
37	19 8:2 FTS	527 > 506.9	4.16e3	3.60e3	0.250	1.45	5.03	14.5	42.4522	106.1	2.75	NO
38	20 PFNS	549.1 > 80.1	3.21e3	4.88e3	0.250	0.822	5.13	8.22	42.7264	106.8	1.59	NO
39	45 13C5-PFNA	468.2 > 422.9	2.74e4	3.20e4	0.250	0.857	4.68	10.7	44.6549	89.3		
40	46 13C8-PFOSA	506.1 > 77.7	1.83e3	3.90e4	0.250	0.0468	4.74	0.585	11.9563	23.9		
41	48 13C2-PFDA	515.1 > 469.9	2.51e4	3.38e4	0.250	0.744	5.07	9.30	39.4354	78.9		
42	49 13C2-8:2 FTS	529.1 > 508.7	3.60e3	3.62e4	0.250	0.0994	5.03	1.24	47.4276	94.9		
43	47 13C8-PFOS	507.0 > 79.9	4.88e3	4.74e3	0.250	1.03	4.77	12.9	48.4671	96.9		
44	-1											
45	21 L-MeFOSAA	570 > 419	6.31e3	6.18e3	0.250	1.28	5.22	12.8	39.8343	99.6	2.57	NO
46	71 Total N-MeFOSAA	570. > 419	6.31e3	6.18e3	0.250			12.8	39.8343			
47	23 L-EtFOSAA	584.1 > 419	5.52e3	7.31e3	0.250	0.943	5.38	9.43	38.7662	96.9	1.48	NO
48	72 Total N-EtFOSAA	584.1 > 419	5.52e3	7.31e3	0.250			9.43	38.7662			
49	25 PFUdA	563.0 > 518.9	2.20e4	2.73e4	0.250	1.01	5.40	10.1	42.5740	106.4	13.0	NO
50	50 d3-N-MeFOSAA	573.3 > 419	6.18e3	3.90e4	0.250	0.158	5.21	1.98	34.9361	69.9		
51	50 d3-N-MeFOSAA	573.3 > 419	6.18e3	3.90e4	0.250	0.158	5.21	1.98	34.9361	69.9		
52	52 d5-N-EtFOSAA	589.3 > 419	7.31e3	3.90e4	0.250	0.187	5.37	2.34	38.0072	76.0		
53	52 d5-N-EtFOSAA	589.3 > 419	7.31e3	3.90e4	0.250	0.187	5.37	2.34	38.0072	76.0		
54	51 13C2-PFUdA	565 > 519.8	2.73e4	3.90e4	0.250	0.699	5.40	8.74	34.6899	69.4		
55	-1											
56	26 PFDS	598.8 > 79.9	3.70e3	4.88e3	0.250	0.949	5.45	9.49	41.0671	102.7	1.64	NO
57	27 PFDoA	612.9 > 569.0	2.69e4	2.91e4	0.250	1.16	5.68	11.6	42.2473	105.6	8.99	NO
58	29 PFTTrDA	662.9 > 618.9	2.85e4	2.91e4	0.250	1.22	5.93	12.2	42.9540	107.4	32.7	NO
59	30 PFTeDA	712.8 > 669.0	2.47e4	2.22e4	0.250	1.39	6.15	13.9	42.6303	106.6	11.3	NO
60	28 N-MeFOSA	512.1 > 168.9	2.74e1		0.250	0.000	5.76				1.47	NO
61	51 13C2-PFUdA	565 > 519.8	2.73e4	3.90e4	0.250	0.699	5.40	8.74	34.6899	69.4		
62	53 13C2-PFDoA	615.0 > 569.7	2.91e4	3.38e4	0.250	0.861	5.68	10.8	37.6501	75.3		
63	53 13C2-PFDoA	615.0 > 569.7	2.91e4	3.38e4	0.250	0.861	5.68	10.8	37.6501	75.3		
64	55 13C2-PFTeDA	714.8 > 669.6	2.22e4	3.90e4	0.250	0.569	6.15	7.11	39.3328	78.7		
65	54 d3-N-MeFOSA	515.2 > 168.9		3.90e4	0.250							
66	-1											
67	31 N-EtFOSA	526.1 > 168.9	6.73e1		0.250	0.000	6.18				1.44	NO
68	32 PFHxDA	813.1 > 768.6	1.38e4	1.02e4	0.250	0.677	6.49	6.77	40.9121	102.3	41.6	NO
69	33 PFODA	913.1 > 868.8	3.52e3	1.02e4	0.250	0.172	6.72	1.72	8.2401	20.6		
70	34 N-MeFOSE	616.1 > 58.9	2.30e3		0.250	0.000	6.35					
71	35 N-EtFOSE	630.1 > 58.9	2.77e3		0.250	0.000	6.51					
72	56 d5-N-ETFOSA	531.1 > 168.9		3.90e4	0.250							

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Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

#	Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respo...	Conc.	%Rec	Ion Ratio	Ratio Out?
73	57 13C2-PFHxDA	815 > 769.7	1.02e4	3.90e4	0.250	0.654	6.49	3.27	14.2457	71.2		
74	57 13C2-PFHxDA	815 > 769.7	1.02e4	3.90e4	0.250	0.654	6.49	3.27	14.2457	71.2		
75	58 d7-N-MeFOSE	623.1 > 58.9		3.90e4	0.250							
76	59 d9-N-EtFOSE	639.2 > 58.8		3.90e4	0.250							
77	-1											
78	73 TCDA	498.3>106.9			0.250							
79	61 13C5-PFHxA	318 > 272.9	3.38e4	3.38e4	0.250	1.00	3.08	12.5	50.0000	100.0		
80	60 13C4-PFBA	217. > 172	1.66e4	1.66e4	0.250	1.00	1.26	12.5	50.0000	100.0		
81	62 13C3-PFHxS	401.8 > 79.9	4.16e3	4.16e3	0.250	1.00	3.86	12.5	50.0000	100.0		
82	63 13C8-PFOA	420.9 > 376	3.62e4	3.62e4	0.250	1.00	4.24	12.5	50.0000	100.0		
83	47 13C8-PFOS	507.0 > 79.9	4.88e3	4.74e3	0.250	1.03	4.77	12.9	48.4671	96.9		
84	64 13C9-PFNA	472.2 > 426.9	3.20e4	3.20e4	0.250	1.00	4.68	12.5	50.0000	100.0		
85	65 13C4-PFOS	503 > 79.9	4.74e3	4.74e3	0.250	1.00	4.77	12.5	50.0000	100.0		
86	66 13C6-PFDA	519.1 > 473.7	3.38e4	3.38e4	0.250	1.00	5.07	12.5	50.0000	100.0		
87	67 13C7-PFUdA	570.1 > 524.8	3.90e4	3.90e4	0.250	1.00	5.40	12.5	50.0000	100.0		

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COMPOUND ASSOCIATIONS INJECTED INTERNAL STANDARDS

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Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

#	Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respo...	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	1.26e4	1.39e4	0.250	1.14	1.27	11.4	39.2332	98.1		
2	2 PFPeA	263.1 > 218.9	1.65e4	2.10e4	0.250	0.980	2.27	9.80	40.9748	102.4		
3	3 PFBS	299.0 > 79.7	3.83e3	2.45e3	0.250	1.96	2.58	19.6	39.3525	98.4	2.71	NO
4	4 4:2 FTS	327.2>307.2	3.71e3	4.86e3	0.250	0.954	2.99	9.54	40.2196	100.5	1.58	NO
5	5 PFHxA	313 > 269	2.52e4	1.28e4	0.250	0.988	3.08	9.88	41.9517	104.9	14.9	NO
6	36 13C3-PFBA	216.1 > 171.8	1.39e4	1.66e4	0.250	0.839	1.27	10.5	50.7527	101.5		
7	37 13C3-PFPeA	266. > 221.8	2.10e4	3.38e4	0.250	0.622	2.27	7.78	48.5969	97.2		
8	38 13C3-PFBS	302. > 98.8	2.45e3	3.38e4	0.250	0.0724	2.57	0.905	55.5671	111.1		
9	39 13C2-4:2 FTS	329.2>308.9	4.86e3	3.38e4	0.250	0.144	2.99	1.80	51.4374	102.9		
10	40 13C2-PFHxA	315 > 270	1.28e4	3.38e4	0.250	0.944	3.08	4.72	19.5208	97.6		
11	-1											
12	6 PFPeS	349.1>80.1	3.38e3	2.45e3	0.250	1.73	3.29	17.3	41.2371	103.1	1.68	NO
13	7 PFHpA	363.0 > 318.9	1.84e4	1.92e4	0.250	1.20	3.70	12.0	40.9587	102.4	22.5	NO
14	8 L-PFHxS	398.9 > 79.6	3.18e3	2.15e3	0.250	1.84	3.86	18.4	42.6598	106.6	1.80	NO
15	68 Total PFHxS	398.9 > 79.6	3.18e3	2.15e3	0.250			18.4	42.6598			
16	10 6:2 FTS	427.1 > 407	4.22e3	4.86e3	0.250	1.08	4.18	10.8	43.4625	108.7	2.68	NO
17	38 13C3-PFBS	302. > 98.8	2.45e3	3.38e4	0.250	0.0724	2.57	0.905	55.5671	111.1		
18	41 13C4-PFHpA	367.2 > 321.8	1.92e4	3.38e4	0.250	0.570	3.70	7.12	48.6724	97.3		
19	42 18O2-PFHxS	403.0 > 102.6	2.15e3	4.16e3	0.250	0.518	3.86	6.48	50.0909	100.2		
20	42 18O2-PFHxS	403.0 > 102.6	2.15e3	4.16e3	0.250	0.518	3.86	6.48	50.0909	100.2		
21	43 13C2-6:2 FTS	429.1 > 408.9	4.86e3	3.62e4	0.250	0.134	4.18	1.68	50.2807	100.6		
22	-1											
23	11 L-PFOA	412.8 > 368.9	3.02e4	2.93e4	0.250	1.29	4.24	12.9	41.4641	103.7	3.46	NO
24	69 Total PFOA	412.8 > 368.9	3.02e4	2.93e4	0.250			12.9	41.4641			
25	13 PFHpS	449 > 80.0	3.73e3	4.88e3	0.250	0.954	4.35	9.54	45.1743	112.9	1.71	NO
26	16 L-PFOS	498.9 > 79.9	4.14e3	4.88e3	0.250	1.06	4.77	10.6	43.5834	109.0	1.87	NO
27	70 Total PFOS	498.9 > 79.9	4.14e3	4.88e3	0.250			10.6	43.5834			
28	44 13C2-PFOA	414.9 > 369.7	2.93e4	3.62e4	0.250	0.811	4.24	10.1	47.0169	94.0		
29	44 13C2-PFOA	414.9 > 369.7	2.93e4	3.62e4	0.250	0.811	4.24	10.1	47.0169	94.0		
30	47 13C8-PFOS	507.0 > 79.9	4.88e3	4.74e3	0.250	1.03	4.77	12.9	48.4671	96.9		
31	47 13C8-PFOS	507.0 > 79.9	4.88e3	4.74e3	0.250	1.03	4.77	12.9	48.4671	96.9		
32	47 13C8-PFOS	507.0 > 79.9	4.88e3	4.74e3	0.250	1.03	4.77	12.9	48.4671	96.9		
33	-1											
34	14 PFNA	463.0 > 418.8	2.52e4	2.74e4	0.250	1.15	4.68	11.5	38.4168	96.0	5.48	NO
35	15 PFOSA	497.9 > 77.9	1.50e3	1.83e3	0.250	1.02	4.74	10.2	38.9202	97.3	55.2	YES
36	18 PFDA	513 > 468.8	2.51e4	2.51e4	0.250	1.25	5.07	12.5	40.6756	101.7	6.62	NO

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-28.qld

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Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

#	Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respo...	Conc.	%Rec	Ion Ratio	Ratio Out?
37	19 8:2 FTS	527 > 506.9	4.16e3	3.60e3	0.250	1.45	5.03	14.5	42.4522	106.1	2.75	NO
38	20 PFNS	549.1 > 80.1	3.21e3	4.88e3	0.250	0.822	5.13	8.22	42.7264	106.8	1.59	NO
39	45 13C5-PFNA	468.2 > 422.9	2.74e4	3.20e4	0.250	0.857	4.68	10.7	44.6549	89.3		
40	46 13C8-PFOFA	506.1 > 77.7	1.83e3	3.90e4	0.250	0.0468	4.74	0.585	11.9563	23.9		
41	48 13C2-PFDA	515.1 > 469.9	2.51e4	3.38e4	0.250	0.744	5.07	9.30	39.4354	78.9		
42	49 13C2-8:2 FTS	529.1 > 508.7	3.60e3	3.62e4	0.250	0.0994	5.03	1.24	47.4276	94.9		
43	47 13C8-PFOS	507.0 > 79.9	4.88e3	4.74e3	0.250	1.03	4.77	12.9	48.4671	96.9		
44	-1											
45	21 L-MeFOSAA	570 > 419	6.31e3	6.18e3	0.250	1.28	5.22	12.8	39.8343	99.6	2.57	NO
46	71 Total N-MeFOSAA	570. > 419	6.31e3	6.18e3	0.250			12.8	39.8343			
47	23 L-EtFOSAA	584.1 > 419	5.52e3	7.31e3	0.250	0.943	5.38	9.43	38.7662	96.9	1.48	NO
48	72 Total N-EtFOSAA	584.1 > 419	5.52e3	7.31e3	0.250			9.43	38.7662			
49	25 PFUdA	563.0 > 518.9	2.20e4	2.73e4	0.250	1.01	5.40	10.1	42.5740	106.4	13.0	NO
50	50 d3-N-MeFOSAA	573.3 > 419	6.18e3	3.90e4	0.250	0.158	5.21	1.98	34.9361	69.9		
51	50 d3-N-MeFOSAA	573.3 > 419	6.18e3	3.90e4	0.250	0.158	5.21	1.98	34.9361	69.9		
52	52 d5-N-EtFOSAA	589.3 > 419	7.31e3	3.90e4	0.250	0.187	5.37	2.34	38.0072	76.0		
53	52 d5-N-EtFOSAA	589.3 > 419	7.31e3	3.90e4	0.250	0.187	5.37	2.34	38.0072	76.0		
54	51 13C2-PFUdA	565 > 519.8	2.73e4	3.90e4	0.250	0.699	5.40	8.74	34.6899	69.4		
55	-1											
56	26 PFDS	598.8 > 79.9	3.70e3	4.88e3	0.250	0.949	5.45	9.49	41.0671	102.7	1.64	NO
57	27 PFDaA	612.9 > 569.0	2.69e4	2.91e4	0.250	1.16	5.68	11.6	42.2473	105.6	8.99	NO
58	29 PFTrDA	662.9 > 618.9	2.85e4	2.91e4	0.250	1.22	5.93	12.2	42.9540	107.4	32.7	NO
59	30 PFTeDA	712.8 > 669.0	2.47e4	2.22e4	0.250	1.39	6.15	13.9	42.6303	106.6	11.3	NO
60	28 N-MeFOSA	512.1 > 168.9	2.74e1		0.250	0.000	5.76				1.47	NO
61	51 13C2-PFUdA	565 > 519.8	2.73e4	3.90e4	0.250	0.699	5.40	8.74	34.6899	69.4		
62	53 13C2-PFDaA	615.0 > 569.7	2.91e4	3.38e4	0.250	0.861	5.68	10.8	37.6501	75.3		
63	53 13C2-PFDaA	615.0 > 569.7	2.91e4	3.38e4	0.250	0.861	5.68	10.8	37.6501	75.3		
64	55 13C2-PFTeDA	714.8 > 669.6	2.22e4	3.90e4	0.250	0.569	6.15	7.11	39.3328	78.7		
65	54 d3-N-MeFOSA	515.2 > 168.9		3.90e4	0.250							
66	-1											
67	31 N-EtFOSA	526.1 > 168.9	6.73e1		0.250	0.000	6.18				1.44	NO
68	32 PFHxDA	813.1 > 768.6	1.38e4	1.02e4	0.250	0.677	6.49	6.77	40.9121	102.3	41.6	NO
69	33 PFODA	913.1 > 868.8	3.52e3	1.02e4	0.250	0.172	6.72	1.72	8.2401	20.6		
70	34 N-MeFOSE	616.1 > 58.9	2.30e3		0.250	0.000	6.35					
71	35 N-EtFOSE	630.1 > 58.9	2.77e3		0.250	0.000	6.51					
72	56 d5-N-ETFOSA	531.1 > 168.9		3.90e4	0.250							

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Name: 180825M1_28, Date: 25-Aug-2018, Time: 18:18:51, ID: B8H0014-BS1 OPR 0.25, Description: OPR

#	Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respo...	Conc.	%Rec	Ion Ratio	Ratio Out?
73	57 13C2-PFHxDA	815 > 769.7	1.02e4	3.90e4	0.250	0.654	6.49	3.27	14.2457	71.2		
74	57 13C2-PFHxDA	815 > 769.7	1.02e4	3.90e4	0.250	0.654	6.49	3.27	14.2457	71.2		
75	58 d7-N-MeFOSE	623.1 > 58.9		3.90e4	0.250							
76	59 d9-N-EtFOSE	639.2 > 58.8		3.90e4	0.250							
77	-1											
78	73 TCDA	498.3>106.9			0.250							
79	61 13C5-PFHxA	318 > 272.9	3.38e4	3.38e4	0.250	1.00	3.08	12.5	50.0000	100.0		
80	60 13C4-PFBA	217. > 172	1.66e4	1.66e4	0.250	1.00	1.26	12.5	50.0000	100.0		
81	62 13C3-PFHxS	401.8 > 79.9	4.16e3	4.16e3	0.250	1.00	3.86	12.5	50.0000	100.0		
82	63 13C8-PFOA	420.9 > 376	3.62e4	3.62e4	0.250	1.00	4.24	12.5	50.0000	100.0		
83	47 13C8-PFOS	507.0 > 79.9	4.88e3	4.74e3	0.250	1.03	4.77	12.9	48.4671	96.9		
84	64 13C9-PFNA	472.2 > 426.9	3.20e4	3.20e4	0.250	1.00	4.68	12.5	50.0000	100.0		
85	65 13C4-PFOS	503 > 79.9	4.74e3	4.74e3	0.250	1.00	4.77	12.5	50.0000	100.0		
86	66 13C6-PFDA	519.1 > 473.7	3.38e4	3.38e4	0.250	1.00	5.07	12.5	50.0000	100.0		
87	67 13C7-PFUdA	570.1 > 524.8	3.90e4	3.90e4	0.250	1.00	5.40	12.5	50.0000	100.0		

INJECTED INTERNAL STANDARD AREAS

Quantify Sample Summary Report
Vista Analytical Laboratory

MassLynx MassLynx V4.1 SCN945 SCN960

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_RS-8-21-18.mdb 22 Aug 2018 09:26:25
Calibration: 26 Aug 2018 13:40:40

Name: 180825M1_7, Date: 25-Aug-2018, Time: 14:35:59, ID: ST180825M1-6 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-6 PFC CS3 18H2107	2.52e4	100.0	NO
2	2 13C5-PFHxA	ST180825M1-6 PFC CS3 18H2107	5.42e4	100.0	NO
3	3 13C3-PFHxS	ST180825M1-6 PFC CS3 18H2107	6.17e3	100.0	NO
4	4 13C8-PFOA	ST180825M1-6 PFC CS3 18H2107	5.75e4	100.0	NO
5	5 13C9-PFNA	ST180825M1-6 PFC CS3 18H2107	4.93e4	100.0	NO
6	6 13C4-PFOS	ST180825M1-6 PFC CS3 18H2107	6.80e3	100.0	NO
7	7 13C6-PFDA	ST180825M1-6 PFC CS3 18H2107	5.07e4	100.0	NO
8	8 13C7-PFUdA	ST180825M1-6 PFC CS3 18H2107	5.56e4	100.0	NO

Name: 180825M1_8, Date: 25-Aug-2018, Time: 14:46:37, ID: ST180825M1-7 PFC CS4 18H2108, Description: PFC CS4 18H2108

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-7 PFC CS4 18H2108	2.30e4	91.1	NO
2	2 13C5-PFHxA	ST180825M1-7 PFC CS4 18H2108	4.73e4	87.3	NO
3	3 13C3-PFHxS	ST180825M1-7 PFC CS4 18H2108	5.51e3	89.4	NO
4	4 13C8-PFOA	ST180825M1-7 PFC CS4 18H2108	5.10e4	88.7	NO
5	5 13C9-PFNA	ST180825M1-7 PFC CS4 18H2108	4.35e4	88.3	NO
6	6 13C4-PFOS	ST180825M1-7 PFC CS4 18H2108	6.22e3	91.4	NO
7	7 13C6-PFDA	ST180825M1-7 PFC CS4 18H2108	4.45e4	87.9	NO
8	8 13C7-PFUdA	ST180825M1-7 PFC CS4 18H2108	4.87e4	87.7	NO

Name: 180825M1_9, Date: 25-Aug-2018, Time: 14:57:09, ID: ST180825M1-8 PFC CS5 18H2109, Description: PFC CS5 18H2109

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-8 PFC CS5 18H2109	2.36e4	93.4	NO
2	2 13C5-PFHxA	ST180825M1-8 PFC CS5 18H2109	4.67e4	86.3	NO
3	3 13C3-PFHxS	ST180825M1-8 PFC CS5 18H2109	5.40e3	87.6	NO
4	4 13C8-PFOA	ST180825M1-8 PFC CS5 18H2109	4.95e4	86.0	NO
5	5 13C9-PFNA	ST180825M1-8 PFC CS5 18H2109	4.28e4	86.8	NO
6	6 13C4-PFOS	ST180825M1-8 PFC CS5 18H2109	5.90e3	86.8	NO
7	7 13C6-PFDA	ST180825M1-8 PFC CS5 18H2109	4.11e4	81.0	NO
8	8 13C7-PFUdA	ST180825M1-8 PFC CS5 18H2109	4.56e4	82.1	NO

Name: 180825M1_10, Date: 25-Aug-2018, Time: 15:07:47, ID: ST180825M1-9 PFC CS6 18H2110, Description: PFC CS6 18H2110

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180825M1-9 PFC CS6 18H2110	2.24e4	88.7	NO
2	2 13C5-PFHxA	ST180825M1-9 PFC CS6 18H2110	4.04e4	74.6	NO
3	3 13C3-PFHxS	ST180825M1-9 PFC CS6 18H2110	4.56e3	73.9	NO
4	4 13C8-PFOA	ST180825M1-9 PFC CS6 18H2110	4.34e4	75.4	NO
5	5 13C9-PFNA	ST180825M1-9 PFC CS6 18H2110	3.67e4	74.6	NO
6	6 13C4-PFOS	ST180825M1-9 PFC CS6 18H2110	5.04e3	74.1	NO
7	7 13C6-PFDA	ST180825M1-9 PFC CS6 18H2110	3.71e4	73.3	NO
8	8 13C7-PFUdA	ST180825M1-9 PFC CS6 18H2110	3.82e4	68.8	NO

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Name: 180825M1_11, Date: 25-Aug-2018, Time: 15:18:19, ID: ST180825M1-10 PFC CS7 18H2111, Description: PFC CS7 18H2111

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	ST180825M1-10 PFC CS7 18H2111	2.01e4	79.7	NO
2	13C5-PFHxA	ST180825M1-10 PFC CS7 18H2111	3.46e4	63.9	NO
3	13C3-PFHxS	ST180825M1-10 PFC CS7 18H2111	3.66e3	59.3	NO
4	13C8-PFOA	ST180825M1-10 PFC CS7 18H2111	3.65e4	63.4	NO
5	13C9-PFNA	ST180825M1-10 PFC CS7 18H2111	3.06e4	62.0	NO
6	13C4-PFOS	ST180825M1-10 PFC CS7 18H2111	4.48e3	65.9	NO
7	13C6-PFDA	ST180825M1-10 PFC CS7 18H2111	3.10e4	61.2	NO
8	13C7-PFUdA	ST180825M1-10 PFC CS7 18H2111	3.10e4	55.9	NO

Name: 180825M1_12, Date: 25-Aug-2018, Time: 15:28:58, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	IPA			NO
2	13C5-PFHxA	IPA	6.22e0	0.0	YES
3	13C3-PFHxS	IPA			NO
4	13C8-PFOA	IPA			NO
5	13C9-PFNA	IPA	8.53e0	0.0	YES
6	13C4-PFOS	IPA			NO
7	13C6-PFDA	IPA			NO
8	13C7-PFUdA	IPA			NO

Name: 180825M1_13, Date: 25-Aug-2018, Time: 15:39:31, ID: ICV180825M1-1 PFC 537 ICV 18H2112, Description: PFC 537 ICV 18H2112

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	ICV180825M1-1 PFC 537 ICV 18H2112	2.46e4	97.6	NO
2	13C5-PFHxA	ICV180825M1-1 PFC 537 ICV 18H2112	5.35e4	98.8	NO
3	13C3-PFHxS	ICV180825M1-1 PFC 537 ICV 18H2112	6.47e3	104.9	NO
4	13C8-PFOA	ICV180825M1-1 PFC 537 ICV 18H2112	5.72e4	99.4	NO
5	13C9-PFNA	ICV180825M1-1 PFC 537 ICV 18H2112	5.06e4	102.8	NO
6	13C4-PFOS	ICV180825M1-1 PFC 537 ICV 18H2112	7.02e3	103.2	NO
7	13C6-PFDA	ICV180825M1-1 PFC 537 ICV 18H2112	5.11e4	100.8	NO
8	13C7-PFUdA	ICV180825M1-1 PFC 537 ICV 18H2112	5.68e4	102.3	NO

Name: 180825M1_14, Date: 25-Aug-2018, Time: 15:50:33, ID: 1802221-01 REEPDW1228 0.12094, Description: REEPDW1228

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802221-01 REEPDW1228 0.12094	1.01e4	39.9	YES
2	13C5-PFHxA	1802221-01 REEPDW1228 0.12094	1.99e4	36.7	YES
3	13C3-PFHxS	1802221-01 REEPDW1228 0.12094	4.41e3	71.5	NO
4	13C8-PFOA	1802221-01 REEPDW1228 0.12094	2.32e4	40.4	YES
5	13C9-PFNA	1802221-01 REEPDW1228 0.12094	2.40e4	48.6	YES
6	13C4-PFOS	1802221-01 REEPDW1228 0.12094	5.04e3	74.2	NO
7	13C6-PFDA	1802221-01 REEPDW1228 0.12094	2.68e4	52.9	NO
8	13C7-PFUdA	1802221-01 REEPDW1228 0.12094	3.06e4	55.1	NO

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Name: 180825M1_31, Date: 25-Aug-2018, Time: 18:50:40, ID: B8H0014-MSD1 Matrix Spike Dup 0.2563,
Description: Matrix Spike Dup

	# Name	ID	Area	%Rec	Area Out	
1	1 13C4-PFBA	B8H0014-MSD1 Matrix Spike Dup 0.2563	1.59e4	62.8		NO
2	2 13C5-PFHxA	B8H0014-MSD1 Matrix Spike Dup 0.2563	3.31e4	61.1		NO
3	3 13C3-PFHxS	B8H0014-MSD1 Matrix Spike Dup 0.2563	4.71e3	76.4		NO
4	4 13C8-PFOA	B8H0014-MSD1 Matrix Spike Dup 0.2563	3.74e4	65.0		NO
5	5 13C9-PFNA	B8H0014-MSD1 Matrix Spike Dup 0.2563	2.65e4	53.8		NO
6	6 13C4-PFOS	B8H0014-MSD1 Matrix Spike Dup 0.2563	5.15e3	75.7		NO
7	7 13C6-PFDA	B8H0014-MSD1 Matrix Spike Dup 0.2563	3.44e4	67.8		NO
8	8 13C7-PFUDa	B8H0014-MSD1 Matrix Spike Dup 0.2563	3.24e4	58.3		NO

Name: 180825M1_32, Date: 25-Aug-2018, Time: 19:01:19, ID: 1802094-01 FC-MW025R1-20180726 0.24814,
Description: FC-MW025R1-20180726

	# Name	ID	Area	%Rec	Area Out	
1	1 13C4-PFBA	1802094-01 FC-MW025R1-20180726 0...	1.67e4	66.3		NO
2	2 13C5-PFHxA	1802094-01 FC-MW025R1-20180726 0...	3.42e4	63.2		NO
3	3 13C3-PFHxS	1802094-01 FC-MW025R1-20180726 0...	4.48e3	72.7		NO
4	4 13C8-PFOA	1802094-01 FC-MW025R1-20180726 0...	3.89e4	67.6		NO
5	5 13C9-PFNA	1802094-01 FC-MW025R1-20180726 0...	3.32e4	67.3		NO
6	6 13C4-PFOS	1802094-01 FC-MW025R1-20180726 0...	5.37e3	79.0		NO
7	7 13C6-PFDA	1802094-01 FC-MW025R1-20180726 0...	3.58e4	70.7		NO
8	8 13C7-PFUDa	1802094-01 FC-MW025R1-20180726 0...	3.04e4	54.7		NO

Name: 180825M1_33, Date: 25-Aug-2018, Time: 19:11:52, ID: 1802094-02 SA-PZ163I-20180726 0.24349,
Description: SA-PZ163I-20180726

	# Name	ID	Area	%Rec	Area Out	
1	1 13C4-PFBA	1802094-02 SA-PZ163I-20180726 0.24...	1.65e4	65.2		NO
2	2 13C5-PFHxA	1802094-02 SA-PZ163I-20180726 0.24...	3.40e4	62.7		NO
3	3 13C3-PFHxS	1802094-02 SA-PZ163I-20180726 0.24...	4.45e3	72.1		NO
4	4 13C8-PFOA	1802094-02 SA-PZ163I-20180726 0.24...	3.72e4	64.6		NO
5	5 13C9-PFNA	1802094-02 SA-PZ163I-20180726 0.24...	2.87e4	58.3		NO
6	6 13C4-PFOS	1802094-02 SA-PZ163I-20180726 0.24...	4.99e3	73.4		NO
7	7 13C6-PFDA	1802094-02 SA-PZ163I-20180726 0.24...	3.47e4	68.4		NO
8	8 13C7-PFUDa	1802094-02 SA-PZ163I-20180726 0.24...	3.61e4	65.0		NO

Name: 180825M1_34, Date: 25-Aug-2018, Time: 19:22:31, ID: 1802094-03 SA-PZ181I-20180726 0.25108,
Description: SA-PZ181I-20180726

	# Name	ID	Area	%Rec	Area Out	
1	1 13C4-PFBA	1802094-03 SA-PZ181I-20180726 0.25...	1.42e4	56.2		NO
2	2 13C5-PFHxA	1802094-03 SA-PZ181I-20180726 0.25...	2.77e4	51.1		NO
3	3 13C3-PFHxS	1802094-03 SA-PZ181I-20180726 0.25...	4.30e3	69.7		NO
4	4 13C8-PFOA	1802094-03 SA-PZ181I-20180726 0.25...	3.08e4	53.5		NO
5	5 13C9-PFNA	1802094-03 SA-PZ181I-20180726 0.25...	2.70e4	54.8		NO
6	6 13C4-PFOS	1802094-03 SA-PZ181I-20180726 0.25...	4.96e3	72.9		NO
7	7 13C6-PFDA	1802094-03 SA-PZ181I-20180726 0.25...	3.01e4	59.4		NO
8	8 13C7-PFUDa	1802094-03 SA-PZ181I-20180726 0.25...	3.44e4	61.9		NO

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Name: 180825M1_35, Date: 25-Aug-2018, Time: 19:33:04, ID: 1802094-04 SA-PZ182I-20180726 0.24043,
Description: SA-PZ182I-20180726

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-04 SA-PZ182I-20180726 0.24...	1.39e4	55.1	NO
2	2 13C5-PFHxA	1802094-04 SA-PZ182I-20180726 0.24...	2.75e4	50.9	NO
3	3 13C3-PFHxS	1802094-04 SA-PZ182I-20180726 0.24...	4.09e3	66.4	NO
4	4 13C8-PFOA	1802094-04 SA-PZ182I-20180726 0.24...	2.98e4	51.7	NO
5	5 13C9-PFNA	1802094-04 SA-PZ182I-20180726 0.24...	2.67e4	54.2	NO
6	6 13C4-PFOS	1802094-04 SA-PZ182I-20180726 0.24...	4.40e3	64.7	NO
7	7 13C6-PFDA	1802094-04 SA-PZ182I-20180726 0.24...	2.88e4	56.9	NO
8	8 13C7-PFUdA	1802094-04 SA-PZ182I-20180726 0.24...	3.43e4	61.7	NO

Name: 180825M1_36, Date: 25-Aug-2018, Time: 19:43:42, ID: 1802094-05 SA-PZ145I-20180726 0.25273,
Description: SA-PZ145I-20180726

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-05 SA-PZ145I-20180726 0.25...	1.62e4	64.0	NO
2	2 13C5-PFHxA	1802094-05 SA-PZ145I-20180726 0.25...	3.29e4	60.8	NO
3	3 13C3-PFHxS	1802094-05 SA-PZ145I-20180726 0.25...	4.46e3	72.4	NO
4	4 13C8-PFOA	1802094-05 SA-PZ145I-20180726 0.25...	3.59e4	62.3	NO
5	5 13C9-PFNA	1802094-05 SA-PZ145I-20180726 0.25...	2.26e4	45.9	YES
6	6 13C4-PFOS	1802094-05 SA-PZ145I-20180726 0.25...	4.89e3	71.9	NO
7	7 13C6-PFDA	1802094-05 SA-PZ145I-20180726 0.25...	3.40e4	67.1	NO
8	8 13C7-PFUdA	1802094-05 SA-PZ145I-20180726 0.25...	3.52e4	63.4	NO

Name: 180825M1_37, Date: 25-Aug-2018, Time: 19:54:15, ID: 1802094-06 SA-PZ145D-20180726 0.24805,
Description: SA-PZ145D-20180726

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-06 SA-PZ145D-20180726 0.2...	1.67e4	66.0	NO
2	2 13C5-PFHxA	1802094-06 SA-PZ145D-20180726 0.2...	3.32e4	61.3	NO
3	3 13C3-PFHxS	1802094-06 SA-PZ145D-20180726 0.2...	4.53e3	73.4	NO
4	4 13C8-PFOA	1802094-06 SA-PZ145D-20180726 0.2...	3.57e4	62.0	NO
5	5 13C9-PFNA	1802094-06 SA-PZ145D-20180726 0.2...	2.25e4	45.7	YES
6	6 13C4-PFOS	1802094-06 SA-PZ145D-20180726 0.2...	4.93e3	72.4	NO
7	7 13C6-PFDA	1802094-06 SA-PZ145D-20180726 0.2...	2.97e4	58.7	NO
8	8 13C7-PFUdA	1802094-06 SA-PZ145D-20180726 0.2...	3.66e4	66.0	NO

Name: 180825M1_38, Date: 25-Aug-2018, Time: 20:04:53, ID: 1802094-07 SA-MW128I-20180726 0.253,
Description: SA-MW128I-20180726

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-07 SA-MW128I-20180726 0.253	1.64e4	65.0	NO
2	2 13C5-PFHxA	1802094-07 SA-MW128I-20180726 0.253	3.25e4	60.0	NO
3	3 13C3-PFHxS	1802094-07 SA-MW128I-20180726 0.253	4.33e3	70.2	NO
4	4 13C8-PFOA	1802094-07 SA-MW128I-20180726 0.253	3.51e4	61.0	NO
5	5 13C9-PFNA	1802094-07 SA-MW128I-20180726 0.253	2.47e4	50.2	NO
6	6 13C4-PFOS	1802094-07 SA-MW128I-20180726 0.253	4.85e3	71.2	NO
7	7 13C6-PFDA	1802094-07 SA-MW128I-20180726 0.253	3.38e4	66.7	NO
8	8 13C7-PFUdA	1802094-07 SA-MW128I-20180726 0.253	3.62e4	65.2	NO

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Name: 180825M1_39, Date: 25-Aug-2018, Time: 20:15:26, ID: 1802094-08 SA-PZ144I-20180726 0.26852,
Description: SA-PZ144I-20180726

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802094-08 SA-PZ144I-20180726 0.26...	1.25e4	49.3	YES
2	13C5-PFHxA	1802094-08 SA-PZ144I-20180726 0.26...	2.64e4	48.8	YES
3	13C3-PFHxS	1802094-08 SA-PZ144I-20180726 0.26...	4.03e3	65.3	NO
4	13C8-PFOA	1802094-08 SA-PZ144I-20180726 0.26...	3.00e4	52.1	NO
5	13C9-PFNA	1802094-08 SA-PZ144I-20180726 0.26...	2.77e4	56.3	NO
6	13C4-PFOS	1802094-08 SA-PZ144I-20180726 0.26...	4.71e3	69.3	NO
7	13C6-PFDA	1802094-08 SA-PZ144I-20180726 0.26...	2.82e4	55.7	NO
8	13C7-PFUdA	1802094-08 SA-PZ144I-20180726 0.26...	3.32e4	59.8	NO

Name: 180825M1_40, Date: 25-Aug-2018, Time: 20:26:05, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	IPA			NO
2	13C5-PFHxA	IPA			NO
3	13C3-PFHxS	IPA			NO
4	13C8-PFOA	IPA			NO
5	13C9-PFNA	IPA			NO
6	13C4-PFOS	IPA			NO
7	13C6-PFDA	IPA			NO
8	13C7-PFUdA	IPA			NO

Name: 180825M1_41, Date: 25-Aug-2018, Time: 20:36:37, ID: ST180825M1-12 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	ST180825M1-12 PFC CS3 18H2107	2.60e4	103.2	NO
2	13C5-PFHxA	ST180825M1-12 PFC CS3 18H2107	5.81e4	107.3	NO
3	13C3-PFHxS	ST180825M1-12 PFC CS3 18H2107	6.90e3	112.0	NO
4	13C8-PFOA	ST180825M1-12 PFC CS3 18H2107	6.13e4	106.5	NO
5	13C9-PFNA	ST180825M1-12 PFC CS3 18H2107	5.46e4	110.8	NO
6	13C4-PFOS	ST180825M1-12 PFC CS3 18H2107	7.47e3	109.9	NO
7	13C6-PFDA	ST180825M1-12 PFC CS3 18H2107	5.54e4	109.4	NO
8	13C7-PFUdA	ST180825M1-12 PFC CS3 18H2107	5.81e4	104.5	NO

Name: 180825M1_42, Date: 25-Aug-2018, Time: 20:47:16, ID: 1802094-09 SA-PZ144S-20180726 0.25422,
Description: SA-PZ144S-20180726

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802094-09 SA-PZ144S-20180726 0.2...	1.68e4	66.7	NO
2	13C5-PFHxA	1802094-09 SA-PZ144S-20180726 0.2...	3.40e4	62.8	NO
3	13C3-PFHxS	1802094-09 SA-PZ144S-20180726 0.2...	4.25e3	68.9	NO
4	13C8-PFOA	1802094-09 SA-PZ144S-20180726 0.2...	3.74e4	65.1	NO
5	13C9-PFNA	1802094-09 SA-PZ144S-20180726 0.2...	3.19e4	64.8	NO
6	13C4-PFOS	1802094-09 SA-PZ144S-20180726 0.2...	4.84e3	71.2	NO
7	13C6-PFDA	1802094-09 SA-PZ144S-20180726 0.2...	3.24e4	63.8	NO
8	13C7-PFUdA	1802094-09 SA-PZ144S-20180726 0.2...	3.55e4	63.9	NO

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Name: 180825M1_43, Date: 25-Aug-2018, Time: 20:57:48, ID: 1802094-10 SA-PZ171I-20180727 0.25964,
Description: SA-PZ171I-20180727

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-10 SA-PZ171I-20180727 0.25...	1.55e4	61.4	NO
2	2 13C5-PFHxA	1802094-10 SA-PZ171I-20180727 0.25...	3.28e4	60.5	NO
3	3 13C3-PFHxS	1802094-10 SA-PZ171I-20180727 0.25...	4.70e3	76.3	NO
4	4 13C8-PFOA	1802094-10 SA-PZ171I-20180727 0.25...	3.68e4	64.0	NO
5	5 13C9-PFNA	1802094-10 SA-PZ171I-20180727 0.25...	2.71e4	55.0	NO
6	6 13C4-PFOS	1802094-10 SA-PZ171I-20180727 0.25...	5.15e3	75.7	NO
7	7 13C6-PFDA	1802094-10 SA-PZ171I-20180727 0.25...	3.38e4	66.7	NO
8	8 13C7-PFUdA	1802094-10 SA-PZ171I-20180727 0.25...	3.21e4	57.8	NO

Name: 180825M1_44, Date: 25-Aug-2018, Time: 21:08:27, ID: 1802094-11 SA-SW201-20180727 0.10591,
Description: SA-SW201-20180727

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-11 SA-SW201-20180727 0.10...	1.63e4	64.6	NO
2	2 13C5-PFHxA	1802094-11 SA-SW201-20180727 0.10...	3.27e4	60.4	NO
3	3 13C3-PFHxS	1802094-11 SA-SW201-20180727 0.10...	4.47e3	72.5	NO
4	4 13C8-PFOA	1802094-11 SA-SW201-20180727 0.10...	3.33e4	57.8	NO
5	5 13C9-PFNA	1802094-11 SA-SW201-20180727 0.10...	2.90e4	58.8	NO
6	6 13C4-PFOS	1802094-11 SA-SW201-20180727 0.10...	5.23e3	77.0	NO
7	7 13C6-PFDA	1802094-11 SA-SW201-20180727 0.10...	3.22e4	63.5	NO
8	8 13C7-PFUdA	1802094-11 SA-SW201-20180727 0.10...	3.49e4	62.9	NO

Name: 180825M1_45, Date: 25-Aug-2018, Time: 21:19:05, ID: 1802094-12 SA-SW204-20180727 0.10977,
Description: SA-SW204-20180727

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-12 SA-SW204-20180727 0.10...	1.61e4	63.6	NO
2	2 13C5-PFHxA	1802094-12 SA-SW204-20180727 0.10...	3.24e4	59.9	NO
3	3 13C3-PFHxS	1802094-12 SA-SW204-20180727 0.10...	4.26e3	69.1	NO
4	4 13C8-PFOA	1802094-12 SA-SW204-20180727 0.10...	3.33e4	58.0	NO
5	5 13C9-PFNA	1802094-12 SA-SW204-20180727 0.10...	3.17e4	64.3	NO
6	6 13C4-PFOS	1802094-12 SA-SW204-20180727 0.10...	5.07e3	74.5	NO
7	7 13C6-PFDA	1802094-12 SA-SW204-20180727 0.10...	3.31e4	65.3	NO
8	8 13C7-PFUdA	1802094-12 SA-SW204-20180727 0.10...	3.72e4	67.0	NO

Name: 180825M1_46, Date: 25-Aug-2018, Time: 21:29:38, ID: 1802094-13 SA-SW301-20180727 0.10413,
Description: SA-SW301-20180727

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-13 SA-SW301-20180727 0.10...	1.61e4	63.7	NO
2	2 13C5-PFHxA	1802094-13 SA-SW301-20180727 0.10...	3.20e4	59.1	NO
3	3 13C3-PFHxS	1802094-13 SA-SW301-20180727 0.10...	4.19e3	68.0	NO
4	4 13C8-PFOA	1802094-13 SA-SW301-20180727 0.10...	3.63e4	63.0	NO
5	5 13C9-PFNA	1802094-13 SA-SW301-20180727 0.10...	3.24e4	65.8	NO
6	6 13C4-PFOS	1802094-13 SA-SW301-20180727 0.10...	4.46e3	65.6	NO
7	7 13C6-PFDA	1802094-13 SA-SW301-20180727 0.10...	3.31e4	65.3	NO
8	8 13C7-PFUdA	1802094-13 SA-SW301-20180727 0.10...	3.78e4	68.0	NO

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Name: 180825M1_47, Date: 25-Aug-2018, Time: 21:40:09, ID: 1802094-14 EB01-072618 0.11489, Description: EB01-072618

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802094-14 EB01-072618 0.11489	1.81e4	71.7	NO
2	13C5-PFHxA	1802094-14 EB01-072618 0.11489	3.74e4	69.0	NO
3	13C3-PFHxS	1802094-14 EB01-072618 0.11489	4.91e3	79.6	NO
4	13C8-PFOA	1802094-14 EB01-072618 0.11489	4.08e4	71.0	NO
5	13C9-PFNA	1802094-14 EB01-072618 0.11489	3.79e4	76.8	NO
6	13C4-PFOS	1802094-14 EB01-072618 0.11489	5.67e3	83.4	NO
7	13C6-PFDA	1802094-14 EB01-072618 0.11489	3.76e4	74.2	NO
8	13C7-PFUdA	1802094-14 EB01-072618 0.11489	4.43e4	79.8	NO

Name: 180825M1_48, Date: 25-Aug-2018, Time: 21:50:47, ID: 1802094-15 FRB01-072618 0.11916, Description: FRB01-072618

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802094-15 FRB01-072618 0.11916	1.50e4	59.3	NO
2	13C5-PFHxA	1802094-15 FRB01-072618 0.11916	3.09e4	57.0	NO
3	13C3-PFHxS	1802094-15 FRB01-072618 0.11916	4.57e3	74.1	NO
4	13C8-PFOA	1802094-15 FRB01-072618 0.11916	3.47e4	60.2	NO
5	13C9-PFNA	1802094-15 FRB01-072618 0.11916	3.08e4	62.5	NO
6	13C4-PFOS	1802094-15 FRB01-072618 0.11916	5.36e3	78.8	NO
7	13C6-PFDA	1802094-15 FRB01-072618 0.11916	3.24e4	63.9	NO
8	13C7-PFUdA	1802094-15 FRB01-072618 0.11916	3.77e4	67.9	NO

Name: 180825M1_49, Date: 25-Aug-2018, Time: 22:01:21, ID: 1802094-16 GW01-072618 0.25129, Description: GW01-072618

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802094-16 GW01-072618 0.25129	1.63e4	64.6	NO
2	13C5-PFHxA	1802094-16 GW01-072618 0.25129	3.24e4	59.9	NO
3	13C3-PFHxS	1802094-16 GW01-072618 0.25129	4.20e3	68.1	NO
4	13C8-PFOA	1802094-16 GW01-072618 0.25129	3.68e4	64.0	NO
5	13C9-PFNA	1802094-16 GW01-072618 0.25129	3.24e4	65.8	NO
6	13C4-PFOS	1802094-16 GW01-072618 0.25129	5.03e3	74.0	NO
7	13C6-PFDA	1802094-16 GW01-072618 0.25129	3.35e4	66.2	NO
8	13C7-PFUdA	1802094-16 GW01-072618 0.25129	2.99e4	53.8	NO

Name: 180825M1_50, Date: 25-Aug-2018, Time: 22:11:59, ID: 1802094-17 SA-DUP-01-20180726 0.2609, Description: SA-DUP-01-20180726

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802094-17 SA-DUP-01-20180726 0.2...	1.41e4	55.7	NO
2	13C5-PFHxA	1802094-17 SA-DUP-01-20180726 0.2...	2.91e4	53.7	NO
3	13C3-PFHxS	1802094-17 SA-DUP-01-20180726 0.2...	4.23e3	68.6	NO
4	13C8-PFOA	1802094-17 SA-DUP-01-20180726 0.2...	3.26e4	56.7	NO
5	13C9-PFNA	1802094-17 SA-DUP-01-20180726 0.2...	2.71e4	55.0	NO
6	13C4-PFOS	1802094-17 SA-DUP-01-20180726 0.2...	4.38e3	64.4	NO
7	13C6-PFDA	1802094-17 SA-DUP-01-20180726 0.2...	3.04e4	60.0	NO
8	13C7-PFUdA	1802094-17 SA-DUP-01-20180726 0.2...	3.25e4	58.5	NO

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Name: 180825M1_51, Date: 25-Aug-2018, Time: 22:22:37, ID: 1802094-18 EB02-072718 0.11695, Description: EB02-072718

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802094-18 EB02-072718 0.11695	1.65e4	65.5	NO
2	13C5-PFHxA	1802094-18 EB02-072718 0.11695	3.32e4	61.3	NO
3	13C3-PFHxS	1802094-18 EB02-072718 0.11695	4.56e3	73.9	NO
4	13C8-PFOA	1802094-18 EB02-072718 0.11695	3.46e4	60.2	NO
5	13C9-PFNA	1802094-18 EB02-072718 0.11695	3.20e4	65.0	NO
6	13C4-PFOS	1802094-18 EB02-072718 0.11695	5.02e3	73.8	NO
7	13C6-PFDA	1802094-18 EB02-072718 0.11695	3.32e4	65.6	NO
8	13C7-PFUdA	1802094-18 EB02-072718 0.11695	3.66e4	65.9	NO

Name: 180825M1_52, Date: 25-Aug-2018, Time: 22:33:11, ID: 1802094-19 FRB02-072718 0.11299, Description: FRB02-072718

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802094-19 FRB02-072718 0.11299	4.67e4	184.9	YES
2	13C5-PFHxA	1802094-19 FRB02-072718 0.11299	9.87e4	182.2	YES
3	13C3-PFHxS	1802094-19 FRB02-072718 0.11299	1.33e4	215.1	YES
4	13C8-PFOA	1802094-19 FRB02-072718 0.11299	1.00e5	174.6	YES
5	13C9-PFNA	1802094-19 FRB02-072718 0.11299	8.89e4	180.5	YES
6	13C4-PFOS	1802094-19 FRB02-072718 0.11299	1.47e4	216.4	YES
7	13C6-PFDA	1802094-19 FRB02-072718 0.11299	9.06e4	178.8	YES
8	13C7-PFUdA	1802094-19 FRB02-072718 0.11299	1.02e5	182.7	YES

Name: 180825M1_53, Date: 25-Aug-2018, Time: 22:43:49, ID: B8H0064-BS1 OPR 0.25, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	B8H0064-BS1 OPR 0.25	2.10e4	83.2	NO
2	13C5-PFHxA	B8H0064-BS1 OPR 0.25	4.29e4	79.2	NO
3	13C3-PFHxS	B8H0064-BS1 OPR 0.25	6.22e3	100.8	NO
4	13C8-PFOA	B8H0064-BS1 OPR 0.25	4.91e4	85.4	NO
5	13C9-PFNA	B8H0064-BS1 OPR 0.25	4.52e4	91.6	NO
6	13C4-PFOS	B8H0064-BS1 OPR 0.25	6.77e3	99.5	NO
7	13C6-PFDA	B8H0064-BS1 OPR 0.25	4.66e4	91.8	NO
8	13C7-PFUdA	B8H0064-BS1 OPR 0.25	5.03e4	90.5	NO

Name: 180825M1_54, Date: 25-Aug-2018, Time: 22:54:22, ID: B8H0064-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	B8H0064-BLK1 Method Blank 0.25	2.30e4	90.9	NO
2	13C5-PFHxA	B8H0064-BLK1 Method Blank 0.25	4.62e4	85.3	NO
3	13C3-PFHxS	B8H0064-BLK1 Method Blank 0.25	6.64e3	107.6	NO
4	13C8-PFOA	B8H0064-BLK1 Method Blank 0.25	5.43e4	94.4	NO
5	13C9-PFNA	B8H0064-BLK1 Method Blank 0.25	4.61e4	93.5	NO
6	13C4-PFOS	B8H0064-BLK1 Method Blank 0.25	7.30e3	107.3	NO
7	13C6-PFDA	B8H0064-BLK1 Method Blank 0.25	5.01e4	98.8	NO
8	13C7-PFUdA	B8H0064-BLK1 Method Blank 0.25	5.39e4	97.0	NO

Dataset: Untitled

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Name: 180826M1_11, Date: 26-Aug-2018, Time: 15:59:08, ID: ST180826M1-10 PFC CS7 18H2111, Description: PFC CS7 18H2111

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	ST180826M1-10 PFC CS7 18H2111	1.70e4	88.5	NO
2	13C5-PFHxA	ST180826M1-10 PFC CS7 18H2111	3.56e4	68.4	NO
3	13C3-PFHxS	ST180826M1-10 PFC CS7 18H2111	3.84e3	63.7	NO
4	13C8-PFOA	ST180826M1-10 PFC CS7 18H2111	3.80e4	66.0	NO
5	13C9-PFNA	ST180826M1-10 PFC CS7 18H2111	3.20e4	66.3	NO
6	13C4-PFOS	ST180826M1-10 PFC CS7 18H2111	4.36e3	62.9	NO
7	13C6-PFDA	ST180826M1-10 PFC CS7 18H2111	3.06e4	62.3	NO
8	13C7-PFUdA	ST180826M1-10 PFC CS7 18H2111	3.18e4	58.6	NO

Name: 180826M1_12, Date: 26-Aug-2018, Time: 16:09:41, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	IPA			NO
2	13C5-PFHxA	IPA			NO
3	13C3-PFHxS	IPA			NO
4	13C8-PFOA	IPA			NO
5	13C9-PFNA	IPA	5.33e0	0.0	YES
6	13C4-PFOS	IPA			NO
7	13C6-PFDA	IPA			NO
8	13C7-PFUdA	IPA			NO

Name: 180826M1_13, Date: 26-Aug-2018, Time: 16:20:19, ID: ICV180826M1-1 PFC 537 ICV 18H2112, Description: PFC 537 ICV 18H2112

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	ICV180826M1-1 PFC 537 ICV 18H2112	1.92e4	99.8	NO
2	13C5-PFHxA	ICV180826M1-1 PFC 537 ICV 18H2112	5.39e4	103.4	NO
3	13C3-PFHxS	ICV180826M1-1 PFC 537 ICV 18H2112	5.97e3	99.0	NO
4	13C8-PFOA	ICV180826M1-1 PFC 537 ICV 18H2112	5.90e4	102.4	NO
5	13C9-PFNA	ICV180826M1-1 PFC 537 ICV 18H2112	5.32e4	110.2	NO
6	13C4-PFOS	ICV180826M1-1 PFC 537 ICV 18H2112	7.13e3	102.9	NO
7	13C6-PFDA	ICV180826M1-1 PFC 537 ICV 18H2112	4.78e4	97.3	NO
8	13C7-PFUdA	ICV180826M1-1 PFC 537 ICV 18H2112	5.49e4	101.0	NO

Name: 180826M1_14, Date: 26-Aug-2018, Time: 16:30:54, ID: 1802094-07 SA-MW128I-20180726 0.253, Description: SA-MW128I-20180726

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802094-07 SA-MW128I-20180726 0.253	1.74e4	90.6	NO
2	13C5-PFHxA	1802094-07 SA-MW128I-20180726 0.253	3.53e4	67.7	NO
3	13C3-PFHxS	1802094-07 SA-MW128I-20180726 0.253	4.53e3	75.3	NO
4	13C8-PFOA	1802094-07 SA-MW128I-20180726 0.253	3.87e4	67.2	NO
5	13C9-PFNA	1802094-07 SA-MW128I-20180726 0.253	2.57e4	53.3	NO
6	13C4-PFOS	1802094-07 SA-MW128I-20180726 0.253	4.93e3	71.2	NO
7	13C6-PFDA	1802094-07 SA-MW128I-20180726 0.253	3.39e4	69.1	NO
8	13C7-PFUdA	1802094-07 SA-MW128I-20180726 0.253	3.78e4	69.7	NO

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Name: 180826M1_15, Date: 26-Aug-2018, Time: 16:41:30, ID: 1802094-08 SA-PZ144I-20180726 0.26852,
Description: SA-PZ144I-20180726

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-08 SA-PZ144I-20180726 0.26...	1.36e4	70.9	NO
2	2 13C5-PFHxA	1802094-08 SA-PZ144I-20180726 0.26...	2.78e4	53.3	NO
3	3 13C3-PFHxS	1802094-08 SA-PZ144I-20180726 0.26...	4.66e3	77.4	NO
4	4 13C8-PFOA	1802094-08 SA-PZ144I-20180726 0.26...	3.44e4	59.8	NO
5	5 13C9-PFNA	1802094-08 SA-PZ144I-20180726 0.26...	3.01e4	62.4	NO
6	6 13C4-PFOS	1802094-08 SA-PZ144I-20180726 0.26...	4.98e3	71.8	NO
7	7 13C6-PFDA	1802094-08 SA-PZ144I-20180726 0.26...	3.11e4	63.4	NO
8	8 13C7-PFUdA	1802094-08 SA-PZ144I-20180726 0.26...	3.72e4	68.4	NO

Name: 180826M1_16, Date: 26-Aug-2018, Time: 16:52:02, ID: 1802094-19 FRB02-072718 0.11299, Description: FRB02-072718

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-19 FRB02-072718 0.11299	6.01e4	312.7	YES
2	2 13C5-PFHxA	1802094-19 FRB02-072718 0.11299	1.28e5	246.0	YES
3	3 13C3-PFHxS	1802094-19 FRB02-072718 0.11299	1.74e4	288.2	YES
4	4 13C8-PFOA	1802094-19 FRB02-072718 0.11299	1.36e5	235.9	YES
5	5 13C9-PFNA	1802094-19 FRB02-072718 0.11299	1.15e5	238.5	YES
6	6 13C4-PFOS	1802094-19 FRB02-072718 0.11299	1.83e4	263.6	YES
7	7 13C6-PFDA	1802094-19 FRB02-072718 0.11299	1.07e5	217.7	YES
8	8 13C7-PFUdA	1802094-19 FRB02-072718 0.11299	1.06e5	194.7	YES

Name: 180826M1_17, Date: 26-Aug-2018, Time: 17:02:41, ID: 1802366-03 REEPDW573 0.11989, Description: REEPDW573

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802366-03 REEPDW573 0.11989	4.32e4	225.0	YES
2	2 13C5-PFHxA	1802366-03 REEPDW573 0.11989	8.96e4	172.0	YES
3	3 13C3-PFHxS	1802366-03 REEPDW573 0.11989	1.20e4	198.6	YES
4	4 13C8-PFOA	1802366-03 REEPDW573 0.11989	9.82e4	170.6	YES
5	5 13C9-PFNA	1802366-03 REEPDW573 0.11989	8.91e4	184.5	YES
6	6 13C4-PFOS	1802366-03 REEPDW573 0.11989	1.33e4	191.8	YES
7	7 13C6-PFDA	1802366-03 REEPDW573 0.11989	9.05e4	184.4	YES
8	8 13C7-PFUdA	1802366-03 REEPDW573 0.11989	1.04e5	191.5	YES

Name: 180826M1_18, Date: 26-Aug-2018, Time: 17:13:16, ID: 1802094-06 SA-PZ145D-20180726 0.24805,
Description: SA-PZ145D-20180726

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1802094-06 SA-PZ145D-20180726 0.2...	1.72e4	89.5	NO
2	2 13C5-PFHxA	1802094-06 SA-PZ145D-20180726 0.2...	3.40e4	65.3	NO
3	3 13C3-PFHxS	1802094-06 SA-PZ145D-20180726 0.2...	4.55e3	75.5	NO
4	4 13C8-PFOA	1802094-06 SA-PZ145D-20180726 0.2...	3.85e4	66.9	NO
5	5 13C9-PFNA	1802094-06 SA-PZ145D-20180726 0.2...	2.44e4	50.5	NO
6	6 13C4-PFOS	1802094-06 SA-PZ145D-20180726 0.2...	4.49e3	64.8	NO
7	7 13C6-PFDA	1802094-06 SA-PZ145D-20180726 0.2...	3.25e4	66.3	NO
8	8 13C7-PFUdA	1802094-06 SA-PZ145D-20180726 0.2...	3.59e4	66.1	NO

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Name: 180826M1_19, Date: 26-Aug-2018, Time: 17:23:53, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	IPA			NO
2	13C5-PFHxA	IPA	6.06e0	0.0	YES
3	13C3-PFHxS	IPA			NO
4	13C8-PFOA	IPA			NO
5	13C9-PFNA	IPA			NO
6	13C4-PFOS	IPA			NO
7	13C6-PFDA	IPA			NO
8	13C7-PFUdA	IPA			NO

Name: 180826M1_20, Date: 26-Aug-2018, Time: 17:34:26, ID: 1802094-05@5X SA-PZ145I-20180726 0.25273, Description: SA-PZ145I-20180726

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802094-05@5X SA-PZ145I-20180726 ...	3.60e3	18.7	YES
2	13C5-PFHxA	1802094-05@5X SA-PZ145I-20180726 ...	7.08e3	13.6	YES
3	13C3-PFHxS	1802094-05@5X SA-PZ145I-20180726 ...	9.61e2	16.0	YES
4	13C8-PFOA	1802094-05@5X SA-PZ145I-20180726 ...	7.99e3	13.9	YES
5	13C9-PFNA	1802094-05@5X SA-PZ145I-20180726 ...	6.39e3	13.2	YES
6	13C4-PFOS	1802094-05@5X SA-PZ145I-20180726 ...	1.09e3	15.8	YES
7	13C6-PFDA	1802094-05@5X SA-PZ145I-20180726 ...	6.98e3	14.2	YES
8	13C7-PFUdA	1802094-05@5X SA-PZ145I-20180726 ...	7.88e3	14.5	YES

Name: 180826M1_21, Date: 26-Aug-2018, Time: 17:45:04, ID: 1802094-06@5X SA-PZ145D-20180726 0.24805, Description: SA-PZ145D-20180726

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802094-06@5X SA-PZ145D-20180726...	5.02e3	26.1	YES
2	13C5-PFHxA	1802094-06@5X SA-PZ145D-20180726...	9.44e3	18.1	YES
3	13C3-PFHxS	1802094-06@5X SA-PZ145D-20180726...	1.26e3	20.9	YES
4	13C8-PFOA	1802094-06@5X SA-PZ145D-20180726...	1.10e4	19.0	YES
5	13C9-PFNA	1802094-06@5X SA-PZ145D-20180726...	8.53e3	17.7	YES
6	13C4-PFOS	1802094-06@5X SA-PZ145D-20180726...	1.41e3	20.3	YES
7	13C6-PFDA	1802094-06@5X SA-PZ145D-20180726...	9.26e3	18.9	YES
8	13C7-PFUdA	1802094-06@5X SA-PZ145D-20180726...	1.04e4	19.2	YES

Name: 180826M1_22, Date: 26-Aug-2018, Time: 17:55:37, ID: B8G0192-MS1 Matrix Spike 0.25154, Description: Matrix Spike

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	B8G0192-MS1 Matrix Spike 0.25154	1.68e4	87.4	NO
2	13C5-PFHxA	B8G0192-MS1 Matrix Spike 0.25154	3.33e4	64.0	NO
3	13C3-PFHxS	B8G0192-MS1 Matrix Spike 0.25154	4.42e3	73.4	NO
4	13C8-PFOA	B8G0192-MS1 Matrix Spike 0.25154	3.78e4	65.6	NO
5	13C9-PFNA	B8G0192-MS1 Matrix Spike 0.25154	3.37e4	69.8	NO
6	13C4-PFOS	B8G0192-MS1 Matrix Spike 0.25154	4.84e3	69.8	NO
7	13C6-PFDA	B8G0192-MS1 Matrix Spike 0.25154	3.40e4	69.2	NO
8	13C7-PFUdA	B8G0192-MS1 Matrix Spike 0.25154	3.90e4	71.8	NO

Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-IIS AREAS.qld

Last Altered: Friday, September 14, 2018 08:34:27 Pacific Daylight Time
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Name: 180913M1_5, Date: 13-Sep-2018, Time: 09:55:14, ID: 1802490-05@10X GW1808151305JAY 0.22934,
Description: GW1808151305JAY

#	Name	ID	Area	%Rec	Area Out
8	13C7-PFUdA	1802490-05@10X GW1808151305JAY ...	4.91e3	15.7	YES

Name: 180913M1_6, Date: 13-Sep-2018, Time: 10:05:52, ID: 1802490-07@10X GW1808141455JAY 0.23367,
Description: GW1808141455JAY

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802490-07@10X GW1808141455JAY ...	1.69e3	10.5	YES
2	13C5-PFHxA	1802490-07@10X GW1808141455JAY ...	3.15e3	10.6	YES
3	13C3-PFHxS	1802490-07@10X GW1808141455JAY ...	4.98e2	13.7	YES
4	13C8-PFOA	1802490-07@10X GW1808141455JAY ...	4.07e3	11.3	YES
5	13C9-PFNA	1802490-07@10X GW1808141455JAY ...	3.12e3	11.2	YES
6	13C4-PFOS	1802490-07@10X GW1808141455JAY ...	5.09e2	14.0	YES
7	13C6-PFDA	1802490-07@10X GW1808141455JAY ...	3.26e3	12.3	YES
8	13C7-PFUdA	1802490-07@10X GW1808141455JAY ...	3.88e3	12.4	YES

Name: 180913M1_7, Date: 13-Sep-2018, Time: 10:16:25, ID: 1802094-07@5X SA-MW128I-20180726 0.253,
Description: SA-MW128I-20180726

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	1802094-07@5X SA-MW128I-20180726...	3.40e3	21.1	YES
2	13C5-PFHxA	1802094-07@5X SA-MW128I-20180726...	6.60e3	22.3	YES
3	13C3-PFHxS	1802094-07@5X SA-MW128I-20180726...	7.92e2	21.9	YES
4	13C8-PFOA	1802094-07@5X SA-MW128I-20180726...	8.30e3	23.0	YES
5	13C9-PFNA	1802094-07@5X SA-MW128I-20180726...	5.82e3	20.8	YES
6	13C4-PFOS	1802094-07@5X SA-MW128I-20180726...	9.44e2	26.0	YES
7	13C6-PFDA	1802094-07@5X SA-MW128I-20180726...	6.64e3	25.1	YES
8	13C7-PFUdA	1802094-07@5X SA-MW128I-20180726...	7.91e3	25.3	YES

Name: 180913M1_8, Date: 13-Sep-2018, Time: 10:27:03, ID: B8I0038-MSD1 Matrix Spike Dup 0.11034,
Description: Matrix Spike Dup

#	Name	ID	Area	%Rec	Area Out
1	13C4-PFBA	B8I0038-MSD1 Matrix Spike Dup 0.11034	1.21e4	75.1	NO
2	13C5-PFHxA	B8I0038-MSD1 Matrix Spike Dup 0.11034	2.35e4	79.4	NO
3	13C3-PFHxS	B8I0038-MSD1 Matrix Spike Dup 0.11034	2.77e3	76.6	NO
4	13C8-PFOA	B8I0038-MSD1 Matrix Spike Dup 0.11034	3.21e4	89.1	NO
5	13C9-PFNA	B8I0038-MSD1 Matrix Spike Dup 0.11034	2.55e4	91.3	NO
6	13C4-PFOS	B8I0038-MSD1 Matrix Spike Dup 0.11034	3.41e3	93.7	NO
7	13C6-PFDA	B8I0038-MSD1 Matrix Spike Dup 0.11034	2.95e4	111.7	NO
8	13C7-PFUdA	B8I0038-MSD1 Matrix Spike Dup 0.11034	3.27e4	104.8	NO

CONTINUING CALIBRATIONS

LC Calibration Standards Review Checklist 04

Calibration ID:	ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	
ST180825M1-11 LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-12 LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-13 LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-14 LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-15 LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-16 LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-17 LMH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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Full Mass Cal. Date: 01/13/18

Run Log Present:

of Samples per Sequence Checked:

Instrument Blank Saved

IIS Area Saved

Reviewed By: Glb/MJT 8/27/18
Initials/Date

Comments:

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-25.qld

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GRB 8/27/18

Name: 180825M1_25, Date: 25-Aug-2018, Time: 17:47:02, ID: ST180825M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	17335.383	19561.881	1.00	1.27	11.077	9.6	95.7	NO		
2	2 PFPeA	263.1 > 218.9	25854.574	34579.281	1.00	2.28	9.346	9.8	97.7	NO		
3	3 PFBS	299.0 > 79.7	5374.339	3639.143	1.00	2.58	18.460	9.3	92.7	NO	2.723	NO
4	4 4:2 FTS	327.2>307.2	5462.211	6969.278	1.00	3.00	9.797	10.3	103.4	NO	1.630	NO
5	5 PFHxA	313 > 269	39574.051	20527.662	1.00	3.08	9.639	10.2	102.4	NO	15.362	NO
6	6 PFPeS	349.1>80.1	4556.168	3639.143	1.00	3.29	15.650	9.3	93.4	NO	1.666	NO
7	36 13C3-PFBA	216.1 > 171.8	19561.881	23719.803	1.00	1.28	10.309	12.5	99.8	NO		
8	37 13C3-PFPeA	266. > 221.8	34579.281	53540.590	1.00	2.28	8.073	12.6	100.9	NO		
9	38 13C3-PFBS	302. > 98.8	3639.143	53540.590	1.00	2.58	0.850	13.0	104.3	NO		
10	39 13C2-4:2 FTS	329.2>308.9	6969.278	53540.590	1.00	2.99	1.627	11.6	93.0	NO		
11	40 13C2-PFHxA	315 > 270	20527.662	53540.590	1.00	3.08	4.793	5.0	99.1	NO		
12	38 13C3-PFBS	302. > 98.8	3639.143	53540.590	1.00	2.58	0.850	13.0	104.3	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	5742.606	7226.720	1.00	4.19	9.933	9.9	99.3	NO	2.617	NO
15	7 PFHpA	363.0 > 318.9	28393.350	31605.807	1.00	3.71	11.229	9.6	95.9	NO	21.787	NO
16	8 L-PFHxS	398.9 > 79.6	4225.584	3019.105	1.00	3.86	17.495	10.1	101.3	NO	1.741	NO
17	11 L-PFOA	412.8 > 368.9	48053.633	47286.891	1.00	4.24	12.703	10.2	102.4	NO	3.272	NO
18	13 PFHpS	449 > 80.0	5239.367	7256.102	1.00	4.36	9.026	10.7	106.8	NO	1.758	NO
19	14 PFNA	463.0 > 418.8	44253.621	47818.383	1.00	4.69	11.568	9.7	96.8	NO	5.305	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	7226.720	59216.184	1.00	4.19	1.525	11.4	91.3	NO		
21	41 13C4-PFHpA	367.2 > 321.8	31605.807	53540.590	1.00	3.71	7.379	12.6	100.9	NO		
22	42 18O2-PFHxS	403.0 > 102.6	3019.105	6487.587	1.00	3.86	5.817	11.2	90.0	NO		
23	44 13C2-PFOA	414.9 > 369.7	47286.891	59216.184	1.00	4.24	9.982	11.6	92.6	NO		
24	47 13C8-PFOS	507.0 > 79.9	7256.102	7247.914	1.00	4.77	12.514	11.8	94.2	NO		
25	45 13C5-PFNA	468.2 > 422.9	47818.383	50865.223	1.00	4.69	11.751	12.2	97.9	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	8572.721	10560.103	1.00	4.74	10.148	9.7	96.5	NO	27.556	NO
28	16 L-PFOS	498.9 > 79.9	5547.395	7256.102	1.00	4.78	9.556	9.8	98.2	NO	1.831	NO
29	18 PFDA	513 > 468.8	46146.957	47577.949	1.00	5.07	12.124	9.9	98.7	NO	6.748	NO
30	19 8:2 FTS	527 > 506.9	6107.973	5612.963	1.00	5.04	13.602	9.9	99.5	NO	2.466	NO
31	20 PFNS	549.1 > 80.1	4788.844	7256.102	1.00	5.14	8.250	10.7	107.1	NO	1.774	NO
32	21 L-MeFOSAA	570 > 419	11553.554	11881.780	1.00	5.22	12.155	9.5	94.8	NO	2.617	NO
33	46 13C8-PFOA	506.1 > 77.7	10560.103	56031.434	1.00	4.74	2.356	12.0	96.3	NO		
34	47 13C8-PFOS	507.0 > 79.9	7256.102	7247.914	1.00	4.77	12.514	11.8	94.2	NO		

*DM
8/27/18*

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-25.qld

Last Altered: Sunday, August 26, 2018 14:55:05 Pacific Daylight Time

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Name: 180825M1_25, Date: 25-Aug-2018, Time: 17:47:02, ID: ST180825M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	47577.949	50822.090	1.00	5.07	11.702	12.4	99.2	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	5612.963	59216.184	1.00	5.04	1.185	11.3	90.4	NO		
37	47 13C8-PFOS	507.0 > 79.9	7256.102	7247.914	1.00	4.77	12.514	11.8	94.2	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	11881.780	56031.434	1.00	5.22	2.651	11.7	93.6	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	9624.957	13409.200	1.00	5.39	8.972	9.2	92.2	NO	1.392	NO
41	27 PFDoA	612.9 > 569.0	46470.664	55303.684	1.00	5.69	10.504	9.6	95.9	NO	8.200	NO
42	26 PFDS	598.8 > 79.9	5517.922	7256.102	1.00	5.45	9.506	10.3	102.9	NO	1.703	NO
43	25 PFUdA	563.0 > 518.9	41848.473	56094.348	1.00	5.40	9.325	9.8	98.5	NO	12.135	NO
44	28 N-MeFOSA	512.1 > 168.9	14863.820	42121.488	1.00	5.76	52.932	52.9	105.7	NO	1.425	NO
45	29 PFTrDA	662.9 > 618.9	49680.184	55303.684	1.00	5.94	11.229	9.9	98.5	NO	31.849	NO
46	52 d5-N-EtFOSAA	589.3 > 419	13409.200	56031.434	1.00	5.38	2.991	12.1	97.2	NO		
47	53 13C2-PFDoA	615.0 > 569.7	55303.684	50822.090	1.00	5.69	13.602	11.9	95.2	NO		
48	47 13C8-PFOS	507.0 > 79.9	7256.102	7247.914	1.00	4.77	12.514	11.8	94.2	NO		
49	51 13C2-PFUdA	565 > 519.8	56094.348	56031.434	1.00	5.40	12.514	12.4	99.3	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	42121.488	56031.434	1.00	5.78	9.397	141.3	94.2	NO		
51	53 13C2-PFDoA	615.0 > 569.7	55303.684	50822.090	1.00	5.69	13.602	11.9	95.2	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	40970.082	36576.574	1.00	6.15	14.001	10.7	107.5	NO	11.507	NO
54	31 N-EtFOSA	526.1 > 168.9	16484.508	51902.418	1.00	6.18	47.641	50.7	101.4	NO	1.471	NO
55	32 PFHxDA	813.1 > 768.6	24692.160	18838.492	1.00	6.49	6.554	9.9	99.0	NO	42.144	NO
56	33 PFODA	913.1 > 868.8	31055.811	18838.492	1.00	6.72	8.243	10.0	99.6	NO		
57	34 N-MeFOSE	616.1 > 58.9	11311.634	33893.504	1.00	6.36	50.061	51.1	102.3	NO		
58	35 N-EtFOSE	630.1 > 58.9	12797.193	34119.191	1.00	6.51	56.261	51.0	102.0	NO		
59	55 13C2-PFTeDA	714.8 > 669.6	36576.574	56031.434	1.00	6.15	8.160	11.3	90.3	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	51902.418	56031.434	1.00	6.20	11.579	141.9	94.6	NO		
61	57 13C2-PFHxDA	815 > 769.7	18838.492	56031.434	1.00	6.49	4.203	4.6	91.5	NO		
62	57 13C2-PFHxDA	815 > 769.7	18838.492	56031.434	1.00	6.49	4.203	4.6	91.5	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	33893.504	56031.434	1.00	6.35	7.561	140.0	93.3	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	34119.191	56031.434	1.00	6.50	7.612	141.8	94.6	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	23719.803	23719.803	1.00	1.28	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	53540.590	53540.590	1.00	3.08	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	6487.587	6487.587	1.00	3.86	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-25.qld

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Name: 180825M1_25, Date: 25-Aug-2018, Time: 17:47:02, ID: ST180825M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	59216.184	59216.184	1.00	4.24	12.500	12.5	100.0		NO	
70	64 13C9-PFNA	472.2 > 426.9	50865.223	50865.223	1.00	4.69	12.500	12.5	100.0		NO	
71	65 13C4-PFOS	503 > 79.9	7247.914	7247.914	1.00	4.77	12.500	12.5	100.0		NO	
72	66 13C6-PFDA	519.1 > 473.7	50822.090	50822.090	1.00	5.07	12.500	12.5	100.0		NO	
73	67 13C7-PFUdA	570.1 > 524.8	56031.434	56031.434	1.00	5.40	12.500	12.5	100.0		NO	

Dataset: Untitled

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULLL_80C_082518.mdb 26 Aug 2018 14:37:22
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	180825M1_1	IPA	25-Aug-18	13:32:22
2	180825M1_2	ST180825M1-1 PFC CS-2 18H2102	25-Aug-18	13:42:57
3	180825M1_3	ST180825M1-2 PFC CS-1 18H2103	25-Aug-18	13:53:35
4	180825M1_4	ST180825M1-3 PFC CS0 18H2104	25-Aug-18	14:04:14
5	180825M1_5	ST180825M1-4 PFC CS1 18H2105	25-Aug-18	14:14:47
6	180825M1_6	ST180825M1-5 PFC CS2 18H2106	25-Aug-18	14:25:25
7	180825M1_7	ST180825M1-6 PFC CS3 18H2107	25-Aug-18	14:35:59
8	180825M1_8	ST180825M1-7 PFC CS4 18H2108	25-Aug-18	14:46:37
9	180825M1_9	ST180825M1-8 PFC CS5 18H2109	25-Aug-18	14:57:09
10	180825M1_10	ST180825M1-9 PFC CS6 18H2110	25-Aug-18	15:07:47
11	180825M1_11	ST180825M1-10 PFC CS7 18H2111	25-Aug-18	15:18:19
12	180825M1_12	IPA	25-Aug-18	15:28:58
13	180825M1_13	ICV180825M1-1 PFC 537 ICV 18H2112	25-Aug-18	15:39:31
14	180825M1_14	1802221-01 REEPDW1228 0.12094	25-Aug-18	15:50:33
15	180825M1_15	1802221-02 REEPDW1232 0.1198	25-Aug-18	16:01:06
16	180825M1_16	1802266-01 REEPDW1233 0.1198	25-Aug-18	16:11:44
17	180825M1_17	1802253-08 GW1808011555JTM 0.247...	25-Aug-18	16:22:17
18	180825M1_18	1802253-12 GW1808021200JTM 0.255...	25-Aug-18	16:32:55
19	180825M1_19	1802151-01@5x TA-SB-59 (2-3)-EPA 1....	25-Aug-18	16:43:27
20	180825M1_20	1802253-06@10x GW1808011525SK 0...	25-Aug-18	16:54:05
21	180825M1_21	1802253-07@10x GW1808011555SK 0...	25-Aug-18	17:04:38
22	180825M1_22	1802253-09@10x GW1808021000JTM ...	25-Aug-18	17:15:16
23	180825M1_23	1802253-10@10x GW1808021010SK 0...	25-Aug-18	17:25:50
24	180825M1_24	IPA	25-Aug-18	17:36:28
25	180825M1_25	ST180825M1-11 PFC CS3 18H2107	25-Aug-18	17:47:02
26	180825M1_26	1802253-11@10x GW1808021110SK 0...	25-Aug-18	17:57:40
27	180825M1_27	1802253-13@20x GW1808021305SK 0...	25-Aug-18	18:08:13
28	180825M1_28	B8H0014-BS1 OPR 0.25	25-Aug-18	18:18:51
29	180825M1_29	B8H0014-BLK1 Method Blank 0.25	25-Aug-18	18:29:29
30	180825M1_30	B8H0014-MS1 Matrix Spike 0.25251	25-Aug-18	18:40:02
31	180825M1_31	B8H0014-MSD1 Matrix Spike Dup 0.2563	25-Aug-18	18:50:40
32	180825M1_32	1802094-01 FC-MW025R1-20180726 0...	25-Aug-18	19:01:19

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	33 180825M1_33	1802094-02 SA-PZ1631-20180726 0.24...	25-Aug-18	19:11:52
34	34 180825M1_34	1802094-03 SA-PZ1811-20180726 0.25...	25-Aug-18	19:22:31
35	35 180825M1_35	1802094-04 SA-PZ1821-20180726 0.24...	25-Aug-18	19:33:04
36	36 180825M1_36	1802094-05 SA-PZ1451-20180726 0.25...	25-Aug-18	19:43:42
37	37 180825M1_37	1802094-06 SA-PZ145D-20180726 0.2...	25-Aug-18	19:54:15
38	38 180825M1_38	1802094-07 SA-MW1281-20180726 0.253	25-Aug-18	20:04:53
39	39 180825M1_39	1802094-08 SA-PZ1441-20180726 0.26...	25-Aug-18	20:15:26
40	40 180825M1_40	IPA	25-Aug-18	20:26:05
41	41 180825M1_41	ST180825M1-12 PFC CS3 18H2107	25-Aug-18	20:36:37
42	42 180825M1_42	1802094-09 SA-PZ144S-20180726 0.2...	25-Aug-18	20:47:16
43	43 180825M1_43	1802094-10 SA-PZ1711-20180727 0.25...	25-Aug-18	20:57:48
44	44 180825M1_44	1802094-11 SA-SW201-20180727 0.10...	25-Aug-18	21:08:27
45	45 180825M1_45	1802094-12 SA-SW204-20180727 0.10...	25-Aug-18	21:19:05
46	46 180825M1_46	1802094-13 SA-SW301-20180727 0.10...	25-Aug-18	21:29:38
47	47 180825M1_47	1802094-14 EB01-072618 0.11489	25-Aug-18	21:40:09
48	48 180825M1_48	1802094-15 FRB01-072618 0.11916	25-Aug-18	21:50:47
49	49 180825M1_49	1802094-16 GW01-072618 0.25129	25-Aug-18	22:01:21
50	50 180825M1_50	1802094-17 SA-DUP-01-20180726 0.2...	25-Aug-18	22:11:59
51	51 180825M1_51	1802094-18 EB02-072718 0.11695	25-Aug-18	22:22:37
52	52 180825M1_52	1802094-19 FRB02-072718 0.11299	25-Aug-18	22:33:11
53	53 180825M1_53	B8H0064-BS1 OPR 0.25	25-Aug-18	22:43:49
54	54 180825M1_54	B8H0064-BLK1 Method Blank 0.25	25-Aug-18	22:54:22
55	55 180825M1_55	B8H0064-MS1 Matrix Spike 0.25286	25-Aug-18	23:05:01
56	56 180825M1_56	B8H0064-MSD1 Matrix Spike Dup 0.249...	25-Aug-18	23:15:33
57	57 180825M1_57	1802154-01RE1 WE13-GW-TANK1-ID...	25-Aug-18	23:26:12
58	58 180825M1_58	1802154-02RE1 WE13-GW-TANK2-ID...	25-Aug-18	23:36:50
59	59 180825M1_59	1802154-03RE1 EB03-WE13-GW-IDW...	25-Aug-18	23:47:23
60	60 180825M1_60	1802155-01RE1 FRB03-WE13-GW-ID...	25-Aug-18	23:58:01
61	61 180825M1_61	IPA	26-Aug-18	00:08:34
62	62 180825M1_62	ST180825M1-13 PFC CS3 18H2107	26-Aug-18	00:19:12
63	63 180825M1_63	ST180825M1-14 PFC CS0 18H2104	26-Aug-18	00:29:46
64	64 180825M1_64	1802168-01RE1 SW-DP02-20180730 0...	26-Aug-18	00:40:24
65	65 180825M1_65	1802168-02RE1 SW-DP01-20180730 0...	26-Aug-18	00:50:56
66	66 180825M1_66	1802168-03RE1 FRB04-073018 0.11884	26-Aug-18	01:01:35
67	67 180825M1_67	1802168-04RE1 EB-073018 0.12041	26-Aug-18	01:12:13
68	68 180825M1_68	1802168-05RE1 GW01-20180730 0.25...	26-Aug-18	01:22:46

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
69	69 180825M1_69	1802168-06RE1 FT-PZ458I-20180730 ...	26-Aug-18	01:33:24
70	70 180825M1_70	1802168-07RE1 FT-PZ460I-20180730 ...	26-Aug-18	01:43:56
71	71 180825M1_71	1802168-08RE1 FT-PZ461I-20180730 ...	26-Aug-18	01:54:35
72	72 180825M1_72	1802168-09RE1 FT-PZ463I-20180730 ...	26-Aug-18	02:05:13
73	73 180825M1_73	1802168-10RE1 FT-PZ464I-20180730 ...	26-Aug-18	02:15:45
74	74 180825M1_74	1802168-11RE1 FT-PZ464S-20180730 ...	26-Aug-18	02:26:24
75	75 180825M1_75	1802168-12RE1 FRB05-073118 0.11967	26-Aug-18	02:36:56
76	76 180825M1_76	1802168-13RE1 EB05-073118 0.11727	26-Aug-18	02:47:34
77	77 180825M1_77	IPA	26-Aug-18	02:58:07
78	78 180825M1_78	ST180825M1-15 PFC CS3 18H2107	26-Aug-18	03:08:45
79	79 180825M1_79	1802168-14RE1 FT-GA10-20180731 0....	26-Aug-18	03:19:17
80	80 180825M1_80	1802168-15RE1 FT-GA12-20180731 0....	26-Aug-18	03:29:56
81	81 180825M1_81	1802168-16RE1 FT-GA13-20180731 0....	26-Aug-18	03:40:28
82	82 180825M1_82	B8H0083-BS1 OPR 0.125	26-Aug-18	03:51:07
83	83 180825M1_83	B8H0083-BLK1 Method Blank 0.125	26-Aug-18	04:01:40
84	84 180825M1_84	B8H0083-MS1 Matrix Spike 0.11621	26-Aug-18	04:12:18
85	85 180825M1_85	B8H0083-MSD1 Matrix Spike Dup 0.116...	26-Aug-18	04:22:50
86	86 180825M1_86	1802364-01 REEPDW1234 0.12045	26-Aug-18	04:33:29
87	87 180825M1_87	1802364-02 REEPDW1235 0.11304	26-Aug-18	04:44:02
88	88 180825M1_88	1802364-03 REEPDW1236 0.11917	26-Aug-18	04:54:40
89	89 180825M1_89	1802364-04 REEPDW1237 0.11638	26-Aug-18	05:05:13
90	90 180825M1_90	1802364-05 REEPDW1238 0.1166	26-Aug-18	05:15:52
91	91 180825M1_91	1802365-01 REEPDW1234FRB 0.11762	26-Aug-18	05:26:30
92	92 180825M1_92	1802365-02 REEPDW1235FRB 0.12024	26-Aug-18	05:37:03
93	93 180825M1_93	1802365-03 REEPDW1236FRB 0.12013	26-Aug-18	05:47:42
94	94 180825M1_94	1802365-04 REEPDW1237FRB 0.12044	26-Aug-18	05:58:20
95	95 180825M1_95	1802365-05 REEPDW1238FRB 0.11404	26-Aug-18	06:08:53
96	96 180825M1_96	1802366-01 REEPDW1239 0.12	26-Aug-18	06:19:32
97	97 180825M1_97	1802366-02 REEPDW1240 0.12053	26-Aug-18	06:30:05
98	98 180825M1_98	IPA	26-Aug-18	06:40:44
99	99 180825M1_99	ST180825M1-16 PFC CS3 18H2107	26-Aug-18	06:51:16
100	1... 180825M1_100	1802366-03 REEPDW573 0.11989	26-Aug-18	07:01:54
101	1... 180825M1_101	1802367-01 REEPDW1239FRB 0.11812	26-Aug-18	07:12:26
102	1... 180825M1_102	1802367-02 REEPDW1240FRB 0.11881	26-Aug-18	07:23:05
103	1... 180825M1_103	B8H0113-BS1 OPR 0.125	26-Aug-18	07:33:38
104	1... 180825M1_104	B8H0113-BS1 LCSD 0.125	26-Aug-18	07:44:16

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Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
105	1...	180825M1_105	B8H0113-BLK1 Method Blank 0.125	26-Aug-18	07:54:48
106	1...	180825M1_106	1802414-01 REEPDW1241 0.11509	26-Aug-18	08:05:27
107	1...	180825M1_107	1802414-02 REEPDW1242 0.11982	26-Aug-18	08:16:00
108	1...	180825M1_108	1802414-03 REEPDW1243 0.11649	26-Aug-18	08:26:38
109	1...	180825M1_109	1802414-04 REEPDW1244 0.11739	26-Aug-18	08:37:10
110	1...	180825M1_110	1802415-01 REEPDW1241FRB 0.12082	26-Aug-18	08:47:49
111	1...	180825M1_111	1802415-02 REEPDW1242FRB 0.12025	26-Aug-18	08:58:22
112	1...	180825M1_112	1802415-03 REEPDW1243FRB 0.12165	26-Aug-18	09:09:00
113	1...	180825M1_113	1802415-04 REEPDW1244FRB 0.1186	26-Aug-18	09:19:32
114	1...	180825M1_114	1802416-01 REEPDW1245 0.11966	26-Aug-18	09:30:11
115	1...	180825M1_115	1802417-01 REEPDW1245FRB 0.12092	26-Aug-18	09:40:44
116	1...	180825M1_116	IPA	26-Aug-18	09:51:22
117	1...	180825M1_117	ST180825M1-17 PFC CS3 18H2107	26-Aug-18	10:02:00

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-41.qld

Last Altered: Sunday, August 26, 2018 14:53:03 Pacific Daylight Time
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GRB 8/27/18

Name: 180825M1_41, Date: 25-Aug-2018, Time: 20:36:37, ID: ST180825M1-12 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	18584.441	21395.893	1.00	1.27	10.857	9.4	93.8	NO		
2	2 PFPeA	263.1 > 218.9	27652.148	36507.137	1.00	2.28	9.468	9.9	99.0	NO		
3	3 PFBS	299.0 > 79.7	5797.156	3767.878	1.00	2.57	19.232	9.7	96.6	NO	2.825	NO
4	4 4:2 FTS	327.2>307.2	5695.279	7334.036	1.00	2.99	9.707	10.2	102.4	NO	1.722	NO
5	5 PFHxA	313 > 269	40933.230	21800.963	1.00	3.08	9.388	10.0	99.7	NO	15.065	NO
6	6 PFPeS	349.1>80.1	5016.445	3767.878	1.00	3.29	16.642	9.9	99.4	NO	1.708	NO
7	36 13C3-PFBA	216.1 > 171.8	21395.893	26327.094	1.00	1.27	10.159	12.3	98.3	NO		
8	37 13C3-PFPeA	266. > 221.8	36507.137	58097.230	1.00	2.27	7.855	12.3	98.2	NO		
9	38 13C3-PFBS	302. > 98.8	3767.878	58097.230	1.00	2.57	0.811	12.4	99.6	NO		
10	39 13C2-4:2 FTS	329.2>308.9	7334.036	58097.230	1.00	2.99	1.578	11.3	90.2	NO		
11	40 13C2-PFHxA	315 > 270	21800.963	58097.230	1.00	3.08	4.691	4.8	97.0	NO		
12	38 13C3-PFBS	302. > 98.8	3767.878	58097.230	1.00	2.57	0.811	12.4	99.6	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	6263.566	7585.579	1.00	4.18	10.322	10.3	103.3	NO	3.043	NO
15	7 PFHpA	363.0 > 318.9	30059.539	33780.121	1.00	3.70	11.123	9.5	95.0	NO	24.271	NO
16	8 L-PFHxS	398.9 > 79.6	4402.933	3152.758	1.00	3.86	17.457	10.1	101.0	NO	1.751	NO
17	11 L-PFOA	412.8 > 368.9	48988.926	50145.359	1.00	4.24	12.212	9.8	98.5	NO	3.280	NO
18	13 PFHpS	449 > 80.0	5573.360	7613.577	1.00	4.35	9.150	10.8	108.2	NO	1.756	NO
19	14 PFNA	463.0 > 418.8	49160.641	51218.027	1.00	4.68	11.998	10.0	100.4	NO	5.662	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	7585.579	61280.457	1.00	4.18	1.547	11.6	92.6	NO		
21	41 13C4-PFHpA	367.2 > 321.8	33780.121	58097.230	1.00	3.70	7.268	12.4	99.3	NO		
22	42 18O2-PFHxS	403.0 > 102.6	3152.758	6904.630	1.00	3.86	5.708	11.0	88.3	NO		
23	44 13C2-PFOA	414.9 > 369.7	50145.359	61280.457	1.00	4.24	10.229	11.9	94.9	NO		
24	47 13C8-PFOS	507.0 > 79.9	7613.577	7472.268	1.00	4.77	12.736	12.0	95.9	NO		
25	45 13C5-PFNA	468.2 > 422.9	51218.027	54615.766	1.00	4.68	11.722	12.2	97.7	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	8879.618	11033.470	1.00	4.74	10.060	9.6	95.7	NO	28.895	NO
28	16 L-PFOS	498.9 > 79.9	5816.393	7613.577	1.00	4.77	9.549	9.8	98.1	NO	1.795	NO
29	18 PFDA	513 > 468.8	49098.895	51206.254	1.00	5.07	11.986	9.8	97.6	NO	6.452	NO
30	19 8:2 FTS	527 > 506.9	6060.207	5906.195	1.00	5.04	12.826	9.4	93.5	NO	2.442	NO
31	20 PFNS	549.1 > 80.1	5225.059	7613.577	1.00	5.13	8.579	11.1	111.4	NO	1.705	NO
32	21 L-MeFOSAA	570 > 419	12583.911	12608.433	1.00	5.22	12.476	9.7	97.3	NO	2.659	NO
33	46 13C8-PFOSA	506.1 > 77.7	11033.470	58059.926	1.00	4.74	2.375	12.1	97.1	NO		
34	47 13C8-PFOS	507.0 > 79.9	7613.577	7472.268	1.00	4.77	12.736	12.0	95.9	NO		

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-41.qld

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Name: 180825M1_41, Date: 25-Aug-2018, Time: 20:36:37, ID: ST180825M1-12 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	51206.254	55434.770	1.00	5.07	11.547	12.2	97.9	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	5906.195	61280.457	1.00	5.04	1.205	11.5	91.9	NO		
37	47 13C8-PFOS	507.0 > 79.9	7613.577	7472.268	1.00	4.77	12.736	12.0	95.9	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	12608.433	58059.926	1.00	5.22	2.715	12.0	95.8	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	10573.252	13848.154	1.00	5.38	9.544	9.8	98.1	NO	1.545	NO
41	27 PFD _o A	612.9 > 569.0	49264.277	58506.953	1.00	5.69	10.525	9.6	96.1	NO	7.991	NO
42	26 PFDS	598.8 > 79.9	5986.219	7613.577	1.00	5.45	9.828	10.6	106.4	NO	1.600	NO
43	25 PFU _d A	563.0 > 518.9	43219.672	58632.914	1.00	5.40	9.214	9.7	97.3	NO	12.785	NO
44	28 N-MeFOSA	512.1 > 168.9	15817.277	44731.328	1.00	5.76	53.041	53.0	105.9	NO	1.475	NO
45	29 PFT _r DA	662.9 > 618.9	52929.594	58506.953	1.00	5.93	11.308	9.9	99.2	NO	33.750	NO
46	52 d5-N-EtFOSAA	589.3 > 419	13848.154	58059.926	1.00	5.37	2.981	12.1	96.8	NO		
47	53 13C2-PFD _o A	615.0 > 569.7	58506.953	55434.770	1.00	5.69	13.193	11.5	92.4	NO		
48	47 13C8-PFOS	507.0 > 79.9	7613.577	7472.268	1.00	4.77	12.736	12.0	95.9	NO		
49	51 13C2-PFU _d A	565 > 519.8	58632.914	58059.926	1.00	5.40	12.623	12.5	100.2	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	44731.328	58059.926	1.00	5.78	9.630	144.8	96.5	NO		
51	53 13C2-PFD _o A	615.0 > 569.7	58506.953	55434.770	1.00	5.69	13.193	11.5	92.4	NO		
52	-1											
53	30 PFT _e DA	712.8 > 669.0	42430.438	41397.457	1.00	6.15	12.812	9.8	98.2	NO	11.707	NO
54	31 N-EtFOSA	526.1 > 168.9	17004.670	54093.691	1.00	6.18	47.153	50.2	100.4	NO	1.470	NO
55	32 PFH _x DA	813.1 > 768.6	26500.816	19800.355	1.00	6.49	6.692	10.1	101.1	NO	36.896	NO
56	33 PFODA	913.1 > 868.8	31957.594	19800.355	1.00	6.72	8.070	9.7	97.5	NO		
57	34 N-MeFOSE	616.1 > 58.9	11759.439	35764.176	1.00	6.36	49.321	50.4	100.8	NO		
58	35 N-EtFOSE	630.1 > 58.9	13657.448	35465.730	1.00	6.51	57.763	52.4	104.8	NO		
59	55 13C2-PFT _e DA	714.8 > 669.6	41397.457	58059.926	1.00	6.15	8.913	12.3	98.6	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	54093.691	58059.926	1.00	6.20	11.646	142.8	95.2	NO		
61	57 13C2-PFH _x DA	815 > 769.7	19800.355	58059.926	1.00	6.49	4.263	4.6	92.8	NO		
62	57 13C2-PFH _x DA	815 > 769.7	19800.355	58059.926	1.00	6.49	4.263	4.6	92.8	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	35764.176	58059.926	1.00	6.35	7.700	142.6	95.1	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	35465.730	58059.926	1.00	6.50	7.636	142.3	94.9	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	26327.094	26327.094	1.00	1.27	12.500	12.5	100.0	NO		
67	61 13C5-PFH _x A	318 > 272.9	58097.230	58097.230	1.00	3.07	12.500	12.5	100.0	NO		
68	62 13C3-PFH _x S	401.8 > 79.9	6904.630	6904.630	1.00	3.86	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-41.qld

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Name: 180825M1_41, Date: 25-Aug-2018, Time: 20:36:37, ID: ST180825M1-12 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc	%Rec	Recovery	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	61280.457	61280.457	1.00	4.24	12.500	12.5	100.0		NO	
70	64 13C9-PFNA	472.2 > 426.9	54615.766	54615.766	1.00	4.68	12.500	12.5	100.0		NO	
71	65 13C4-PFOS	503 > 79.9	7472.268	7472.268	1.00	4.77	12.500	12.5	100.0		NO	
72	66 13C6-PFDA	519.1 > 473.7	55434.770	55434.770	1.00	5.07	12.500	12.5	100.0		NO	
73	67 13C7-PFUDa	570.1 > 524.8	58059.926	58059.926	1.00	5.40	12.500	12.5	100.0		NO	

Dataset: Untitled

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 14:37:22

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	180825M1_1	IPA	25-Aug-18	13:32:22
2	180825M1_2	ST180825M1-1 PFC CS-2 18H2102	25-Aug-18	13:42:57
3	180825M1_3	ST180825M1-2 PFC CS-1 18H2103	25-Aug-18	13:53:35
4	180825M1_4	ST180825M1-3 PFC CS0 18H2104	25-Aug-18	14:04:14
5	180825M1_5	ST180825M1-4 PFC CS1 18H2105	25-Aug-18	14:14:47
6	180825M1_6	ST180825M1-5 PFC CS2 18H2106	25-Aug-18	14:25:25
7	180825M1_7	ST180825M1-6 PFC CS3 18H2107	25-Aug-18	14:35:59
8	180825M1_8	ST180825M1-7 PFC CS4 18H2108	25-Aug-18	14:46:37
9	180825M1_9	ST180825M1-8 PFC CS5 18H2109	25-Aug-18	14:57:09
10	180825M1_10	ST180825M1-9 PFC CS6 18H2110	25-Aug-18	15:07:47
11	180825M1_11	ST180825M1-10 PFC CS7 18H2111	25-Aug-18	15:18:19
12	180825M1_12	IPA	25-Aug-18	15:28:58
13	180825M1_13	ICV180825M1-1 PFC 537 ICV 18H2112	25-Aug-18	15:39:31
14	180825M1_14	1802221-01 REEPDW1228 0.12094	25-Aug-18	15:50:33
15	180825M1_15	1802221-02 REEPDW1232 0.1198	25-Aug-18	16:01:06
16	180825M1_16	1802266-01 REEPDW1233 0.1198	25-Aug-18	16:11:44
17	180825M1_17	1802253-08 GW1808011555JTM 0.247...	25-Aug-18	16:22:17
18	180825M1_18	1802253-12 GW1808021200JTM 0.255...	25-Aug-18	16:32:55
19	180825M1_19	1802151-01@5x TA-SB-59 (2-3)-EPA 1....	25-Aug-18	16:43:27
20	180825M1_20	1802253-06@10x GW1808011525SK 0...	25-Aug-18	16:54:05
21	180825M1_21	1802253-07@10x GW1808011555SK 0...	25-Aug-18	17:04:38
22	180825M1_22	1802253-09@10x GW1808021000JTM ...	25-Aug-18	17:15:16
23	180825M1_23	1802253-10@10x GW1808021010SK 0...	25-Aug-18	17:25:50
24	180825M1_24	IPA	25-Aug-18	17:36:28
25	180825M1_25	ST180825M1-11 PFC CS3 18H2107	25-Aug-18	17:47:02
26	180825M1_26	1802253-11@10x GW1808021110SK 0...	25-Aug-18	17:57:40
27	180825M1_27	1802253-13@20x GW1808021305SK 0...	25-Aug-18	18:08:13
28	180825M1_28	B8H0014-BS1 OPR 0.25	25-Aug-18	18:18:51
29	180825M1_29	B8H0014-BLK1 Method Blank 0.25	25-Aug-18	18:29:29
30	180825M1_30	B8H0014-MS1 Matrix Spike 0.25251	25-Aug-18	18:40:02
31	180825M1_31	B8H0014-MSD1 Matrix Spike Dup 0.2563	25-Aug-18	18:50:40
32	180825M1_32	1802094-01 FC-MW025R1-20180726 0...	25-Aug-18	19:01:19

Dataset: Untitled

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	33 180825M1_33	1802094-02 SA-PZ163I-20180726 0.24...	25-Aug-18	19:11:52
34	34 180825M1_34	1802094-03 SA-PZ181I-20180726 0.25...	25-Aug-18	19:22:31
35	35 180825M1_35	1802094-04 SA-PZ182I-20180726 0.24...	25-Aug-18	19:33:04
36	36 180825M1_36	1802094-05 SA-PZ145I-20180726 0.25...	25-Aug-18	19:43:42
37	37 180825M1_37	1802094-06 SA-PZ145D-20180726 0.2...	25-Aug-18	19:54:15
38	38 180825M1_38	1802094-07 SA-MW128I-20180726 0.253	25-Aug-18	20:04:53
39	39 180825M1_39	1802094-08 SA-PZ144I-20180726 0.26...	25-Aug-18	20:15:26
40	40 180825M1_40	IPA	25-Aug-18	20:26:05
41	41 180825M1_41	ST180825M1-12 PFC CS3 18H2107	25-Aug-18	20:36:37
42	42 180825M1_42	1802094-09 SA-PZ144S-20180726 0.2...	25-Aug-18	20:47:16
43	43 180825M1_43	1802094-10 SA-PZ171I-20180727 0.25...	25-Aug-18	20:57:48
44	44 180825M1_44	1802094-11 SA-SW201-20180727 0.10...	25-Aug-18	21:08:27
45	45 180825M1_45	1802094-12 SA-SW204-20180727 0.10...	25-Aug-18	21:19:05
46	46 180825M1_46	1802094-13 SA-SW301-20180727 0.10...	25-Aug-18	21:29:38
47	47 180825M1_47	1802094-14 EB01-072618 0.11489	25-Aug-18	21:40:09
48	48 180825M1_48	1802094-15 FRB01-072618 0.11916	25-Aug-18	21:50:47
49	49 180825M1_49	1802094-16 GW01-072618 0.25129	25-Aug-18	22:01:21
50	50 180825M1_50	1802094-17 SA-DUP-01-20180726 0.2...	25-Aug-18	22:11:59
51	51 180825M1_51	1802094-18 EB02-072718 0.11695	25-Aug-18	22:22:37
52	52 180825M1_52	1802094-19 FRB02-072718 0.11299	25-Aug-18	22:33:11
53	53 180825M1_53	B8H0064-BS1 OPR 0.25	25-Aug-18	22:43:49
54	54 180825M1_54	B8H0064-BLK1 Method Blank 0.25	25-Aug-18	22:54:22
55	55 180825M1_55	B8H0064-MS1 Matrix Spike 0.25286	25-Aug-18	23:05:01
56	56 180825M1_56	B8H0064-MSD1 Matrix Spike Dup 0.249...	25-Aug-18	23:15:33
57	57 180825M1_57	1802154-01RE1 WE13-GW-TANK1-ID...	25-Aug-18	23:26:12
58	58 180825M1_58	1802154-02RE1 WE13-GW-TANK2-ID...	25-Aug-18	23:36:50
59	59 180825M1_59	1802154-03RE1 EB03-WE13-GW-IDW...	25-Aug-18	23:47:23
60	60 180825M1_60	1802155-01RE1 FRB03-WE13-GW-ID...	25-Aug-18	23:58:01
61	61 180825M1_61	IPA	26-Aug-18	00:08:34
62	62 180825M1_62	ST180825M1-13 PFC CS3 18H2107	26-Aug-18	00:19:12
63	63 180825M1_63	ST180825M1-14 PFC CS0 18H2104	26-Aug-18	00:29:46
64	64 180825M1_64	1802168-01RE1 SW-DP02-20180730 0...	26-Aug-18	00:40:24
65	65 180825M1_65	1802168-02RE1 SW-DP01-20180730 0...	26-Aug-18	00:50:56
66	66 180825M1_66	1802168-03RE1 FRB04-073018 0.11884	26-Aug-18	01:01:35
67	67 180825M1_67	1802168-04RE1 EB-073018 0.12041	26-Aug-18	01:12:13
68	68 180825M1_68	1802168-05RE1 GW01-20180730 0.25...	26-Aug-18	01:22:46

Dataset: Untitled

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
69	69 180825M1_69	1802168-06RE1 FT-PZ4581-20180730 ...	26-Aug-18	01:33:24
70	70 180825M1_70	1802168-07RE1 FT-PZ4601-20180730 ...	26-Aug-18	01:43:56
71	71 180825M1_71	1802168-08RE1 FT-PZ4611-20180730 ...	26-Aug-18	01:54:35
72	72 180825M1_72	1802168-09RE1 FT-PZ4631-20180730 ...	26-Aug-18	02:05:13
73	73 180825M1_73	1802168-10RE1 FT-PZ4641-20180730 ...	26-Aug-18	02:15:45
74	74 180825M1_74	1802168-11RE1 FT-PZ464S-20180730 ...	26-Aug-18	02:26:24
75	75 180825M1_75	1802168-12RE1 FRB05-073118 0.11967	26-Aug-18	02:36:56
76	76 180825M1_76	1802168-13RE1 EB05-073118 0.11727	26-Aug-18	02:47:34
77	77 180825M1_77	IPA	26-Aug-18	02:58:07
78	78 180825M1_78	ST180825M1-15 PFC CS3 18H2107	26-Aug-18	03:08:45
79	79 180825M1_79	1802168-14RE1 FT-GA10-20180731 0....	26-Aug-18	03:19:17
80	80 180825M1_80	1802168-15RE1 FT-GA12-20180731 0....	26-Aug-18	03:29:56
81	81 180825M1_81	1802168-16RE1 FT-GA13-20180731 0....	26-Aug-18	03:40:28
82	82 180825M1_82	B8H0083-BS1 OPR 0.125	26-Aug-18	03:51:07
83	83 180825M1_83	B8H0083-BLK1 Method Blank 0.125	26-Aug-18	04:01:40
84	84 180825M1_84	B8H0083-MS1 Matrix Spike 0.11621	26-Aug-18	04:12:18
85	85 180825M1_85	B8H0083-MSD1 Matrix Spike Dup 0.116...	26-Aug-18	04:22:50
86	86 180825M1_86	1802364-01 REEPDW1234 0.12045	26-Aug-18	04:33:29
87	87 180825M1_87	1802364-02 REEPDW1235 0.11304	26-Aug-18	04:44:02
88	88 180825M1_88	1802364-03 REEPDW1236 0.11917	26-Aug-18	04:54:40
89	89 180825M1_89	1802364-04 REEPDW1237 0.11638	26-Aug-18	05:05:13
90	90 180825M1_90	1802364-05 REEPDW1238 0.1166	26-Aug-18	05:15:52
91	91 180825M1_91	1802365-01 REEPDW1234FRB 0.11762	26-Aug-18	05:26:30
92	92 180825M1_92	1802365-02 REEPDW1235FRB 0.12024	26-Aug-18	05:37:03
93	93 180825M1_93	1802365-03 REEPDW1236FRB 0.12013	26-Aug-18	05:47:42
94	94 180825M1_94	1802365-04 REEPDW1237FRB 0.12044	26-Aug-18	05:58:20
95	95 180825M1_95	1802365-05 REEPDW1238FRB 0.11404	26-Aug-18	06:08:53
96	96 180825M1_96	1802366-01 REEPDW1239 0.12	26-Aug-18	06:19:32
97	97 180825M1_97	1802366-02 REEPDW1240 0.12053	26-Aug-18	06:30:05
98	98 180825M1_98	IPA	26-Aug-18	06:40:44
99	99 180825M1_99	ST180825M1-16 PFC CS3 18H2107	26-Aug-18	06:51:16
100	1... 180825M1_100	1802366-03 REEPDW573 0.11989	26-Aug-18	07:01:54
101	1... 180825M1_101	1802367-01 REEPDW1239FRB 0.11812	26-Aug-18	07:12:26
102	1... 180825M1_102	1802367-02 REEPDW1240FRB 0.11881	26-Aug-18	07:23:05
103	1... 180825M1_103	B8H0113-BS1 OPR 0.125	26-Aug-18	07:33:38
104	1... 180825M1_104	B8H0113-BSD1 LCSD 0.125	26-Aug-18	07:44:16

Dataset: Untitled

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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
105	1... 180825M1_105	B8H0113-BLK1 Method Blank 0.125	26-Aug-18	07:54:48
106	1... 180825M1_106	1802414-01 REEPDW1241 0.11509	26-Aug-18	08:05:27
107	1... 180825M1_107	1802414-02 REEPDW1242 0.11982	26-Aug-18	08:16:00
108	1... 180825M1_108	1802414-03 REEPDW1243 0.11649	26-Aug-18	08:26:38
109	1... 180825M1_109	1802414-04 REEPDW1244 0.11739	26-Aug-18	08:37:10
110	1... 180825M1_110	1802415-01 REEPDW1241FRB 0.12082	26-Aug-18	08:47:49
111	1... 180825M1_111	1802415-02 REEPDW1242FRB 0.12025	26-Aug-18	08:58:22
112	1... 180825M1_112	1802415-03 REEPDW1243FRB 0.12165	26-Aug-18	09:09:00
113	1... 180825M1_113	1802415-04 REEPDW1244FRB 0.1186	26-Aug-18	09:19:32
114	1... 180825M1_114	1802416-01 REEPDW1245 0.11966	26-Aug-18	09:30:11
115	1... 180825M1_115	1802417-01 REEPDW1245FRB 0.12092	26-Aug-18	09:40:44
116	1... 180825M1_116	IPA	26-Aug-18	09:51:22
117	1... 180825M1_117	ST180825M1-17 PFC CS3 18H2107	26-Aug-18	10:02:00

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-62.qld

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GRB 8/27/18

Name: 180825M1_62, Date: 26-Aug-2018, Time: 00:19:12, ID: ST180825M1-13 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc	%Rec	Recovery	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	20310.465	23525.861	1.00	1.27	10.792	9.3	93.2	NO		
2	2 PFPeA	263.1 > 218.9	30765.635	40238.539	1.00	2.27	9.557	10.0	99.9	NO		
3	3 PFBS	299.0 > 79.7	6223.921	4131.099	1.00	2.57	18.833	9.5	94.6	NO	2.727	NO
4	4 4:2 FTS	327.2>307.2	5763.938	7776.675	1.00	2.98	9.265	9.8	97.6	NO	1.731	NO
5	5 PFHxA	313 > 269	45359.875	23642.920	1.00	3.07	9.593	10.2	101.9	NO	15.490	NO
6	6 PFPeS	349.1>80.1	5508.173	4131.099	1.00	3.28	16.667	10.0	99.5	NO	1.750	NO
7	36 13C3-PFBA	216.1 > 171.8	23525.861	28558.600	1.00	1.27	10.297	12.5	99.7	NO		
8	37 13C3-PFPeA	266. > 221.8	40238.539	63895.246	1.00	2.27	7.872	12.3	98.4	NO		
9	38 13C3-PFBS	302. > 98.8	4131.099	63895.246	1.00	2.57	0.808	12.4	99.3	NO		
10	39 13C2-4:2 FTS	329.2>308.9	7776.675	63895.246	1.00	2.98	1.521	10.9	87.0	NO		
11	40 13C2-PFHxA	315 > 270	23642.920	63895.246	1.00	3.07	4.625	4.8	95.6	NO		
12	38 13C3-PFBS	302. > 98.8	4131.099	63895.246	1.00	2.57	0.808	12.4	99.3	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	6430.519	7716.047	1.00	4.18	10.417	10.4	104.3	NO	2.799	NO
15	7 PFHpA	363.0 > 318.9	33459.129	37680.824	1.00	3.70	11.100	9.5	94.8	NO	26.705	NO
16	8 L-PFHxS	398.9 > 79.6	4873.491	3617.841	1.00	3.85	16.838	9.7	97.5	NO	1.770	NO
17	11 L-PFOA	412.8 > 368.9	55009.344	58037.242	1.00	4.24	11.848	9.5	95.5	NO	3.384	NO
18	13 PFHpS	449 > 80.0	6165.683	8314.739	1.00	4.35	9.269	11.0	109.7	NO	1.796	NO
19	14 PFNA	463.0 > 418.8	51127.855	57481.137	1.00	4.68	11.118	9.3	93.0	NO	5.196	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	7716.047	68173.945	1.00	4.18	1.415	10.6	84.7	NO		
21	41 13C4-PFHpA	367.2 > 321.8	37680.824	63895.246	1.00	3.70	7.372	12.6	100.8	NO		
22	42 18O2-PFHxS	403.0 > 102.6	3617.841	7276.237	1.00	3.85	6.215	12.0	96.1	NO		
23	44 13C2-PFOA	414.9 > 369.7	58037.242	68173.945	1.00	4.23	10.641	12.3	98.7	NO		
24	47 13C8-PFOS	507.0 > 79.9	8314.739	8204.060	1.00	4.76	12.669	11.9	95.4	NO		
25	45 13C5-PFNA	468.2 > 422.9	57481.137	59543.344	1.00	4.68	12.067	12.6	100.5	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	9430.051	11796.351	1.00	4.73	9.993	9.5	95.1	NO	30.633	NO
28	16 L-PFOS	498.9 > 79.9	6385.929	8314.739	1.00	4.76	9.600	9.9	98.6	NO	1.856	NO
29	18 PFDA	513 > 468.8	52921.359	56227.328	1.00	5.06	11.765	9.6	95.8	NO	6.679	NO
30	19 8:2 FTS	527 > 506.9	6240.063	5936.020	1.00	5.03	13.140	9.6	95.9	NO	2.398	NO
31	20 PFNS	549.1 > 80.1	5597.293	8314.739	1.00	5.13	8.415	10.9	109.3	NO	1.599	NO
32	21 L-MeFOSAA	570 > 419	13339.382	13456.342	1.00	5.21	12.391	9.7	96.7	NO	2.730	NO
33	46 13C8-PFOA	506.1 > 77.7	11796.351	64988.504	1.00	4.74	2.269	11.6	92.7	NO		
34	47 13C8-PFOS	507.0 > 79.9	8314.739	8204.060	1.00	4.76	12.669	11.9	95.4	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-62.qld

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Name: 180825M1_62, Date: 26-Aug-2018, Time: 00:19:12, ID: ST180825M1-13 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	56227.328	58891.609	1.00	5.06	11.934	12.7	101.2	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	5936.020	68173.945	1.00	5.03	1.088	10.4	83.0	NO		
37	47 13C8-PFOS	507.0 > 79.9	8314.739	8204.060	1.00	4.76	12.669	11.9	95.4	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	13456.342	64988.504	1.00	5.21	2.588	11.4	91.4	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	11085.577	15014.645	1.00	5.37	9.229	9.5	94.8	NO	1.411	NO
41	27 PFDoA	612.9 > 569.0	54176.457	64354.836	1.00	5.68	10.523	9.6	96.1	NO	8.620	NO
42	26 PFDS	598.8 > 79.9	6239.482	8314.739	1.00	5.44	9.380	10.2	101.5	NO	1.632	NO
43	25 PFUdA	563.0 > 518.9	48885.770	62218.938	1.00	5.39	9.821	10.4	103.8	NO	12.806	NO
44	28 N-MeFOSA	512.1 > 168.9	17413.383	49564.262	1.00	5.75	52.699	52.6	105.2	NO	1.462	NO
45	29 PFTrDA	662.9 > 618.9	58023.715	64354.836	1.00	5.93	11.270	9.9	98.9	NO	33.125	NO
46	52 d5-N-EtFOSAA	589.3 > 419	15014.645	64988.504	1.00	5.37	2.888	11.7	93.8	NO		
47	53 13C2-PFDoA	615.0 > 569.7	64354.836	58891.609	1.00	5.67	13.660	12.0	95.6	NO		
48	47 13C8-PFOS	507.0 > 79.9	8314.739	8204.060	1.00	4.76	12.669	11.9	95.4	NO		
49	51 13C2-PFUdA	565 > 519.8	62218.938	64988.504	1.00	5.39	11.967	11.9	95.0	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	49564.262	64988.504	1.00	5.78	9.533	143.3	95.5	NO		
51	53 13C2-PFDoA	615.0 > 569.7	64354.836	58891.609	1.00	5.67	13.660	12.0	95.6	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	45846.910	45084.813	1.00	6.15	12.711	9.7	97.5	NO	12.355	NO
54	31 N-EtFOSA	526.1 > 168.9	18447.459	59123.117	1.00	6.18	46.803	49.8	99.6	NO	1.507	NO
55	32 PFHxDA	813.1 > 768.6	29692.396	21740.389	1.00	6.48	6.829	10.3	103.2	NO	40.081	NO
56	33 PFODA	913.1 > 868.8	35555.316	21740.389	1.00	6.71	8.177	9.9	98.8	NO		
57	34 N-MeFOSE	616.1 > 58.9	12367.143	37849.086	1.00	6.35	49.012	50.1	100.1	NO		
58	35 N-EtFOSE	630.1 > 58.9	14335.139	37763.371	1.00	6.51	56.941	51.6	103.3	NO		
59	55 13C2-PFTeDA	714.8 > 669.6	45084.813	64988.504	1.00	6.15	8.672	12.0	96.0	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	59123.117	64988.504	1.00	6.20	11.372	139.4	92.9	NO		
61	57 13C2-PFHxDA	815 > 769.7	21740.389	64988.504	1.00	6.48	4.182	4.6	91.1	NO		
62	57 13C2-PFHxDA	815 > 769.7	21740.389	64988.504	1.00	6.48	4.182	4.6	91.1	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	37849.086	64988.504	1.00	6.35	7.280	134.8	89.9	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	37763.371	64988.504	1.00	6.50	7.263	135.4	90.2	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	28558.600	28558.600	1.00	1.27	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	63895.246	63895.246	1.00	3.07	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	7276.237	7276.237	1.00	3.85	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-62.qld

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Name: 180825M1_62, Date: 26-Aug-2018, Time: 00:19:12, ID: ST180825M1-13 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	68173.945	68173.945	1.00	4.23	12.500	12.5	100.0		NO	
70	64 13C9-PFNA	472.2 > 426.9	59543.344	59543.344	1.00	4.68	12.500	12.5	100.0		NO	
71	65 13C4-PFOS	503 > 79.9	8204.060	8204.060	1.00	4.76	12.500	12.5	100.0		NO	
72	66 13C6-PFDA	519.1 > 473.7	58891.609	58891.609	1.00	5.06	12.500	12.5	100.0		NO	
73	67 13C7-PFUDa	570.1 > 524.8	64988.504	64988.504	1.00	5.39	12.500	12.5	100.0		NO	

Dataset: Untitled

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 14:37:22
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 180825M1_1	IPA	25-Aug-18	13:32:22
2	2 180825M1_2	ST180825M1-1 PFC CS-2 18H2102	25-Aug-18	13:42:57
3	3 180825M1_3	ST180825M1-2 PFC CS-1 18H2103	25-Aug-18	13:53:35
4	4 180825M1_4	ST180825M1-3 PFC CS0 18H2104	25-Aug-18	14:04:14
5	5 180825M1_5	ST180825M1-4 PFC CS1 18H2105	25-Aug-18	14:14:47
6	6 180825M1_6	ST180825M1-5 PFC CS2 18H2106	25-Aug-18	14:25:25
7	7 180825M1_7	ST180825M1-6 PFC CS3 18H2107	25-Aug-18	14:35:59
8	8 180825M1_8	ST180825M1-7 PFC CS4 18H2108	25-Aug-18	14:46:37
9	9 180825M1_9	ST180825M1-8 PFC CS5 18H2109	25-Aug-18	14:57:09
10	10 180825M1_10	ST180825M1-9 PFC CS6 18H2110	25-Aug-18	15:07:47
11	11 180825M1_11	ST180825M1-10 PFC CS7 18H2111	25-Aug-18	15:18:19
12	12 180825M1_12	IPA	25-Aug-18	15:28:58
13	13 180825M1_13	ICV180825M1-1 PFC 537 ICV 18H2112	25-Aug-18	15:39:31
14	14 180825M1_14	1802221-01 REEPDW1228 0.12094	25-Aug-18	15:50:33
15	15 180825M1_15	1802221-02 REEPDW1232 0.1198	25-Aug-18	16:01:06
16	16 180825M1_16	1802266-01 REEPDW1233 0.1198	25-Aug-18	16:11:44
17	17 180825M1_17	1802253-08 GW1808011555JTM 0.247...	25-Aug-18	16:22:17
18	18 180825M1_18	1802253-12 GW1808021200JTM 0.255...	25-Aug-18	16:32:55
19	19 180825M1_19	1802151-01@5x TA-SB-59 (2-3)-EPA 1....	25-Aug-18	16:43:27
20	20 180825M1_20	1802253-06@10x GW1808011525SK 0...	25-Aug-18	16:54:05
21	21 180825M1_21	1802253-07@10x GW1808011555SK 0...	25-Aug-18	17:04:38
22	22 180825M1_22	1802253-09@10x GW1808021000JTM ...	25-Aug-18	17:15:16
23	23 180825M1_23	1802253-10@10x GW1808021010SK 0...	25-Aug-18	17:25:50
24	24 180825M1_24	IPA	25-Aug-18	17:36:28
25	25 180825M1_25	ST180825M1-11 PFC CS3 18H2107	25-Aug-18	17:47:02
26	26 180825M1_26	1802253-11@10x GW1808021110SK 0...	25-Aug-18	17:57:40
27	27 180825M1_27	1802253-13@20x GW1808021305SK 0...	25-Aug-18	18:08:13
28	28 180825M1_28	B8H0014-BS1 OPR 0.25	25-Aug-18	18:18:51
29	29 180825M1_29	B8H0014-BLK1 Method Blank 0.25	25-Aug-18	18:29:29
30	30 180825M1_30	B8H0014-MS1 Matrix Spike 0.25251	25-Aug-18	18:40:02
31	31 180825M1_31	B8H0014-MSD1 Matrix Spike Dup 0.2563	25-Aug-18	18:50:40
32	32 180825M1_32	1802094-01 FC-MW025R1-20180726 0...	25-Aug-18	19:01:19

Dataset: Untitled

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	33 180825M1_33	1802094-02 SA-PZ163I-20180726 0.24...	25-Aug-18	19:11:52
34	34 180825M1_34	1802094-03 SA-PZ181I-20180726 0.25...	25-Aug-18	19:22:31
35	35 180825M1_35	1802094-04 SA-PZ182I-20180726 0.24...	25-Aug-18	19:33:04
36	36 180825M1_36	1802094-05 SA-PZ145I-20180726 0.25...	25-Aug-18	19:43:42
37	37 180825M1_37	1802094-06 SA-PZ145D-20180726 0.2...	25-Aug-18	19:54:15
38	38 180825M1_38	1802094-07 SA-MW128I-20180726 0.253	25-Aug-18	20:04:53
39	39 180825M1_39	1802094-08 SA-PZ144I-20180726 0.26...	25-Aug-18	20:15:26
40	40 180825M1_40	IPA	25-Aug-18	20:26:05
41	41 180825M1_41	ST180825M1-12 PFC CS3 18H2107	25-Aug-18	20:36:37
42	42 180825M1_42	1802094-09 SA-PZ144S-20180726 0.2...	25-Aug-18	20:47:16
43	43 180825M1_43	1802094-10 SA-PZ171I-20180727 0.25...	25-Aug-18	20:57:48
44	44 180825M1_44	1802094-11 SA-SW201-20180727 0.10...	25-Aug-18	21:08:27
45	45 180825M1_45	1802094-12 SA-SW204-20180727 0.10...	25-Aug-18	21:19:05
46	46 180825M1_46	1802094-13 SA-SW301-20180727 0.10...	25-Aug-18	21:29:38
47	47 180825M1_47	1802094-14 EB01-072618 0.11489	25-Aug-18	21:40:09
48	48 180825M1_48	1802094-15 FRB01-072618 0.11916	25-Aug-18	21:50:47
49	49 180825M1_49	1802094-16 GW01-072618 0.25129	25-Aug-18	22:01:21
50	50 180825M1_50	1802094-17 SA-DUP-01-20180726 0.2...	25-Aug-18	22:11:59
51	51 180825M1_51	1802094-18 EB02-072718 0.11695	25-Aug-18	22:22:37
52	52 180825M1_52	1802094-19 FRB02-072718 0.11299	25-Aug-18	22:33:11
53	53 180825M1_53	B8H0064-BS1 OPR 0.25	25-Aug-18	22:43:49
54	54 180825M1_54	B8H0064-BLK1 Method Blank 0.25	25-Aug-18	22:54:22
55	55 180825M1_55	B8H0064-MS1 Matrix Spike 0.25286	25-Aug-18	23:05:01
56	56 180825M1_56	B8H0064-MSD1 Matrix Spike Dup 0.249...	25-Aug-18	23:15:33
57	57 180825M1_57	1802154-01RE1 WE13-GW-TANK1-ID...	25-Aug-18	23:26:12
58	58 180825M1_58	1802154-02RE1 WE13-GW-TANK2-ID...	25-Aug-18	23:36:50
59	59 180825M1_59	1802154-03RE1 EB03-WE13-GW-IDW...	25-Aug-18	23:47:23
60	60 180825M1_60	1802155-01RE1 FRB03-WE13-GW-ID...	25-Aug-18	23:58:01
61	61 180825M1_61	IPA	26-Aug-18	00:08:34
62	62 180825M1_62	ST180825M1-13 PFC CS3 18H2107	26-Aug-18	00:19:12
63	63 180825M1_63	ST180825M1-14 PFC CS0 18H2104	26-Aug-18	00:29:46
64	64 180825M1_64	1802168-01RE1 SW-DP02-20180730 0...	26-Aug-18	00:40:24
65	65 180825M1_65	1802168-02RE1 SW-DP01-20180730 0...	26-Aug-18	00:50:56
66	66 180825M1_66	1802168-03RE1 FRB04-073018 0.11884	26-Aug-18	01:01:35
67	67 180825M1_67	1802168-04RE1 EB-073018 0.12041	26-Aug-18	01:12:13
68	68 180825M1_68	1802168-05RE1 GW01-20180730 0.25...	26-Aug-18	01:22:46

Dataset: Untitled

Last Altered: Sunday, August 26, 2018 14:56:43 Pacific Daylight Time
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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
69	69 180825M1_69	1802168-06RE1 FT-PZ4581-20180730 ...	26-Aug-18	01:33:24
70	70 180825M1_70	1802168-07RE1 FT-PZ4601-20180730 ...	26-Aug-18	01:43:56
71	71 180825M1_71	1802168-08RE1 FT-PZ4611-20180730 ...	26-Aug-18	01:54:35
72	72 180825M1_72	1802168-09RE1 FT-PZ4631-20180730 ...	26-Aug-18	02:05:13
73	73 180825M1_73	1802168-10RE1 FT-PZ4641-20180730 ...	26-Aug-18	02:15:45
74	74 180825M1_74	1802168-11RE1 FT-PZ464S-20180730 ...	26-Aug-18	02:26:24
75	75 180825M1_75	1802168-12RE1 FRB05-073118 0.11967	26-Aug-18	02:36:56
76	76 180825M1_76	1802168-13RE1 EB05-073118 0.11727	26-Aug-18	02:47:34
77	77 180825M1_77	IPA	26-Aug-18	02:58:07
78	78 180825M1_78	ST180825M1-15 PFC CS3 18H2107	26-Aug-18	03:08:45
79	79 180825M1_79	1802168-14RE1 FT-GA10-20180731 0....	26-Aug-18	03:19:17
80	80 180825M1_80	1802168-15RE1 FT-GA12-20180731 0....	26-Aug-18	03:29:56
81	81 180825M1_81	1802168-16RE1 FT-GA13-20180731 0....	26-Aug-18	03:40:28
82	82 180825M1_82	B8H0083-BS1 OPR 0.125	26-Aug-18	03:51:07
83	83 180825M1_83	B8H0083-BLK1 Method Blank 0.125	26-Aug-18	04:01:40
84	84 180825M1_84	B8H0083-MS1 Matrix Spike 0.11621	26-Aug-18	04:12:18
85	85 180825M1_85	B8H0083-MSD1 Matrix Spike Dup 0.116...	26-Aug-18	04:22:50
86	86 180825M1_86	1802364-01 REEPDW1234 0.12045	26-Aug-18	04:33:29
87	87 180825M1_87	1802364-02 REEPDW1235 0.11304	26-Aug-18	04:44:02
88	88 180825M1_88	1802364-03 REEPDW1236 0.11917	26-Aug-18	04:54:40
89	89 180825M1_89	1802364-04 REEPDW1237 0.11638	26-Aug-18	05:05:13
90	90 180825M1_90	1802364-05 REEPDW1238 0.1166	26-Aug-18	05:15:52
91	91 180825M1_91	1802365-01 REEPDW1234FRB 0.11762	26-Aug-18	05:26:30
92	92 180825M1_92	1802365-02 REEPDW1235FRB 0.12024	26-Aug-18	05:37:03
93	93 180825M1_93	1802365-03 REEPDW1236FRB 0.12013	26-Aug-18	05:47:42
94	94 180825M1_94	1802365-04 REEPDW1237FRB 0.12044	26-Aug-18	05:58:20
95	95 180825M1_95	1802365-05 REEPDW1238FRB 0.11404	26-Aug-18	06:08:53
96	96 180825M1_96	1802366-01 REEPDW1239 0.12	26-Aug-18	06:19:32
97	97 180825M1_97	1802366-02 REEPDW1240 0.12053	26-Aug-18	06:30:05
98	98 180825M1_98	IPA	26-Aug-18	06:40:44
99	99 180825M1_99	ST180825M1-16 PFC CS3 18H2107	26-Aug-18	06:51:16
100	1... 180825M1_100	1802366-03 REEPDW573 0.11989	26-Aug-18	07:01:54
101	1... 180825M1_101	1802367-01 REEPDW1239FRB 0.11812	26-Aug-18	07:12:26
102	1... 180825M1_102	1802367-02 REEPDW1240FRB 0.11881	26-Aug-18	07:23:05
103	1... 180825M1_103	B8H0113-BS1 OPR 0.125	26-Aug-18	07:33:38
104	1... 180825M1_104	B8H0113-BS1 LCSD 0.125	26-Aug-18	07:44:16

Dataset: Untitled

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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
105	1... 180825M1_105	B8H0113-BLK1 Method Blank 0.125	26-Aug-18	07:54:48
106	1... 180825M1_106	1802414-01 REEPDW1241 0.11509	26-Aug-18	08:05:27
107	1... 180825M1_107	1802414-02 REEPDW1242 0.11982	26-Aug-18	08:16:00
108	1... 180825M1_108	1802414-03 REEPDW1243 0.11649	26-Aug-18	08:26:38
109	1... 180825M1_109	1802414-04 REEPDW1244 0.11739	26-Aug-18	08:37:10
110	1... 180825M1_110	1802415-01 REEPDW1241FRB 0.12082	26-Aug-18	08:47:49
111	1... 180825M1_111	1802415-02 REEPDW1242FRB 0.12025	26-Aug-18	08:58:22
112	1... 180825M1_112	1802415-03 REEPDW1243FRB 0.12165	26-Aug-18	09:09:00
113	1... 180825M1_113	1802415-04 REEPDW1244FRB 0.1186	26-Aug-18	09:19:32
114	1... 180825M1_114	1802416-01 REEPDW1245 0.11966	26-Aug-18	09:30:11
115	1... 180825M1_115	1802417-01 REEPDW1245FRB 0.12092	26-Aug-18	09:40:44
116	1... 180825M1_116	IPA	26-Aug-18	09:51:22
117	1... 180825M1_117	ST180825M1-17 PFC CS3 18H2107	26-Aug-18	10:02:00

Dataset: F:\Projects\PFAS.PRO\Results\180826M1\180826M1-30.qld

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GRB 8/27/18

Name: 180826M1_30, Date: 26-Aug-2018, Time: 19:20:23, ID: ST180826M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	Trace	Area	IS Area	w/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	13857.485	15744.490	1.00	1.24	11.002	9.5	95.0	NO		
2	2 PFPeA	263.1 > 218.9	26400.088	35747.488	1.00	2.24	9.231	9.6	96.5	NO		
3	3 PFBS	299.0 > 79.7	5394.496	3422.071	1.00	2.54	19.705	9.9	99.0	NO	2.721	NO
4	4 4:2 FTS	327.2>307.2	5410.818	7021.116	1.00	2.96	9.633	10.2	101.6	NO	1.620	NO
5	5 PFHxA	313 > 269	36832.074	20477.482	1.00	3.04	8.993	9.5	95.5	NO	14.570	NO
6	6 PFPeS	349.1>80.1	4721.665	3422.071	1.00	3.25	17.247	10.3	103.0	NO	1.736	NO
7	36 13C3-PFBA	216.1 > 171.8	15744.490	19291.563	1.00	1.23	10.202	12.3	98.8	NO		
8	37 13C3-PFPeA	266. > 221.8	35747.488	53284.723	1.00	2.24	8.386	13.1	104.8	NO		
9	38 13C3-PFBS	302. > 98.8	3422.071	53284.723	1.00	2.54	0.803	12.3	98.6	NO		
10	39 13C2-4:2 FTS	329.2>308.9	7021.116	53284.723	1.00	2.96	1.647	11.8	94.1	NO		
11	40 13C2-PFHxA	315 > 270	20477.482	53284.723	1.00	3.04	4.804	5.0	99.3	NO		
12	38 13C3-PFBS	302. > 98.8	3422.071	53284.723	1.00	2.54	0.803	12.3	98.6	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	5785.893	7208.452	1.00	4.15	10.033	10.0	100.4	NO	2.843	NO
15	7 PFHpA	363.0 > 318.9	28953.740	32675.865	1.00	3.67	11.076	9.5	94.6	NO	24.511	NO
16	8 L-PFHxS	398.9 > 79.6	4058.985	3056.718	1.00	3.83	16.599	9.6	96.1	NO	1.722	NO
17	11 L-PFOA	412.8 > 368.9	45659.531	49285.262	1.00	4.21	11.580	9.3	93.3	NO	3.044	NO
18	13 PFHpS	449 > 80.0	5217.466	7304.684	1.00	4.32	8.928	10.6	105.6	NO	1.836	NO
19	14 PFNA	463.0 > 418.8	46775.195	50382.766	1.00	4.65	11.605	9.7	97.1	NO	5.433	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	7208.452	61046.879	1.00	4.15	1.476	11.0	88.4	NO		
21	41 13C4-PFHpA	367.2 > 321.8	32675.865	53284.723	1.00	3.67	7.665	13.1	104.8	NO		
22	42 18O2-PFHxS	403.0 > 102.6	3056.718	6240.626	1.00	3.83	6.123	11.8	94.7	NO		
23	44 13C2-PFOA	414.9 > 369.7	49285.262	61046.879	1.00	4.21	10.092	11.7	93.6	NO		
24	47 13C8-PFOS	507.0 > 79.9	7304.684	7049.733	1.00	4.74	12.952	12.2	97.5	NO		
25	45 13C5-PFNA	468.2 > 422.9	50382.766	52769.695	1.00	4.65	11.935	12.4	99.4	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	8513.122	10266.094	1.00	4.71	10.366	9.9	98.6	NO	32.063	NO
28	16 L-PFOS	498.9 > 79.9	5492.297	7304.684	1.00	4.74	9.399	9.7	96.6	NO	1.986	NO
29	18 PFDA	513 > 468.8	44791.633	48005.590	1.00	5.04	11.663	9.5	95.0	NO	6.262	NO
30	19 8:2 FTS	527 > 506.9	5413.502	5587.642	1.00	5.00	12.110	8.8	88.1	NO	2.249	NO
31	20 PFNS	549.1 > 80.1	4475.830	7304.684	1.00	5.10	7.659	9.9	99.5	NO	1.712	NO
32	21 L-MeFOSAA	570 > 419	12041.691	11991.410	1.00	5.19	12.552	9.8	97.9	NO	2.777	NO
33	46 13C8-PFOA	506.1 > 77.7	10266.094	56973.746	1.00	4.71	2.252	11.5	92.0	NO		
34	47 13C8-PFOS	507.0 > 79.9	7304.684	7049.733	1.00	4.74	12.952	12.2	97.5	NO		

DM
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Dataset: F:\Projects\PFAS.PRO\Results\180826M1\180826M1-30.qld

Last Altered: Monday, August 27, 2018 11:47:17 Pacific Daylight Time

Printed: Monday, August 27, 2018 11:48:00 Pacific Daylight Time

Name: 180826M1_30, Date: 26-Aug-2018, Time: 19:20:23, ID: ST180826M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ..	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	48005.590	52170.945	1.00	5.04	11.502	12.2	97.5	NO		
36	49 13C2-8.2 FTS	529.1 > 508.7	5587.642	61046.879	1.00	5.01	1.144	10.9	87.3	NO		
37	47 13C8-PFOS	507.0 > 79.9	7304.684	7049.733	1.00	4.74	12.952	12.2	97.5	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	11991.410	56973.746	1.00	5.18	2.631	11.6	92.9	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	10177.336	13047.920	1.00	5.35	9.750	10.0	100.2	NO	1.447	NO
41	27 PFDoA	612.9 > 569.0	47217.801	56506.422	1.00	5.65	10.445	9.5	95.4	NO	8.376	NO
42	26 PFDS	598.8 > 79.9	5068.384	7304.684	1.00	5.42	8.673	9.4	93.8	NO	1.511	NO
43	25 PFUdA	563.0 > 518.9	41971.379	54375.609	1.00	5.37	9.648	10.2	101.9	NO	12.379	NO
44	28 N-MeFOSA	512.1 > 168.9	13974.742	40904.797	1.00	5.74	51.246	51.2	102.3	NO	1.408	NO
45	29 PFTrDA	662.9 > 618.9	51134.910	56506.422	1.00	5.90	11.312	9.9	99.2	NO	34.500	NO
46	52 d5-N-EtFOSAA	589.3 > 419	13047.920	56973.746	1.00	5.34	2.863	11.6	93.0	NO		
47	53 13C2-PFDoA	615.0 > 569.7	56506.422	52170.945	1.00	5.65	13.539	11.8	94.8	NO		
48	47 13C8-PFOS	507.0 > 79.9	7304.684	7049.733	1.00	4.74	12.952	12.2	97.5	NO		
49	51 13C2-PFUdA	565 > 519.8	54375.609	56973.746	1.00	5.37	11.930	11.8	94.7	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	40904.797	56973.746	1.00	5.77	8.974	134.9	89.9	NO		
51	53 13C2-PFDoA	615.0 > 569.7	56506.422	52170.945	1.00	5.65	13.539	11.8	94.8	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	37710.559	39215.277	1.00	6.12	12.020	9.2	92.1	NO	11.376	NO
54	31 N-EtFOSA	526.1 > 168.9	15179.266	48691.605	1.00	6.17	46.761	49.8	99.5	NO	1.474	NO
55	32 PFHxDA	813.1 > 768.6	25872.789	19579.133	1.00	6.47	6.607	10.0	99.8	NO	40.302	NO
56	33 PFODA	913.1 > 868.8	30913.352	19579.133	1.00	6.70	7.894	9.5	95.4	NO		
57	34 N-MeFOSE	616.1 > 58.9	10697.750	31919.102	1.00	6.35	50.273	51.4	102.7	NO		
58	35 N-EtFOSE	630.1 > 58.9	12202.155	32062.922	1.00	6.51	57.085	51.8	103.5	NO		
59	55 13C2-PFTeDA	714.8 > 669.6	39215.277	56973.746	1.00	6.13	8.604	11.9	95.2	NO		
60	56 d5-N-EtFOSA	531.1 > 168.9	48691.605	56973.746	1.00	6.18	10.683	130.9	87.3	NO		
61	57 13C2-PFHxDA	815 > 769.7	19579.133	56973.746	1.00	6.47	4.296	4.7	93.6	NO		
62	57 13C2-PFHxDA	815 > 769.7	19579.133	56973.746	1.00	6.47	4.296	4.7	93.6	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	31919.102	56973.746	1.00	6.35	7.003	129.7	86.5	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	32062.922	56973.746	1.00	6.50	7.035	131.1	87.4	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	19291.563	19291.563	1.00	1.24	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	53284.723	53284.723	1.00	3.04	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	6240.626	6240.626	1.00	3.83	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\180826M1\180826M1-30.qld

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Name: 180826M1_30, Date: 26-Aug-2018, Time: 19:20:23, ID: ST180826M1-11 PFC CS3 18H2107, Description: PFC CS3 18H2107

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	61046.879	61046.879	1.00	4.21	12.500	12.5	100.0		NO	
70	64 13C9-PFNA	472.2 > 426.9	52769.695	52769.695	1.00	4.65	12.500	12.5	100.0		NO	
71	65 13C4-PFOS	503 > 79.9	7049.733	7049.733	1.00	4.74	12.500	12.5	100.0		NO	
72	66 13C6-PFDA	519.1 > 473.7	52170.945	52170.945	1.00	5.04	12.500	12.5	100.0		NO	
73	67 13C7-PFUDa	570.1 > 524.8	56973.746	56973.746	1.00	5.37	12.500	12.5	100.0		NO	

Dataset: Untitled

Last Altered: Monday, August 27, 2018 13:08:09 Pacific Daylight Time

Printed: Monday, August 27, 2018 13:08:14 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082618.mdb 27 Aug 2018 11:41:25

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	180826M1_1	IPA	26-Aug-18	14:13:09
2	180826M1_2	ST180826M1-1 PFC CS-2 18H2102	26-Aug-18	14:23:43
3	180826M1_3	ST180826M1-2 PFC CS-1 18H2103	26-Aug-18	14:34:22
4	180826M1_4	A ST180826M1-3 PFC CS0 18H2104	26-Aug-18	14:44:55
5	180826M1_5	ST180826M1-4 PFC CS1 18H2105	26-Aug-18	14:55:33
6	180826M1_6	ST180826M1-5 PFC CS2 18H2106	26-Aug-18	15:06:07
7	180826M1_7	ST180826M1-6 PFC CS3 18H2107	26-Aug-18	15:16:45
8	180826M1_8	ST180826M1-7 PFC CS4 18H2108	26-Aug-18	15:27:18
9	180826M1_9	ST180826M1-8 PFC CS5 18H2109	26-Aug-18	15:37:56
10	180826M1_10	ST180826M1-9 PFC CS6 18H2110	26-Aug-18	15:48:29
11	180826M1_11	ST180826M1-10 PFC CS7 18H2111	26-Aug-18	15:59:08
12	180826M1_12	IPA	26-Aug-18	16:09:41
13	180826M1_13	ICV180826M1-1 PFC 537 ICV 18H2112	26-Aug-18	16:20:19
14	180826M1_14	1802094-07 SA-MW128I-20180726 0.253	26-Aug-18	16:30:54
15	180826M1_15	1802094-08 SA-PZ144I-20180726 0.26...	26-Aug-18	16:41:30
16	180826M1_16	1802094-19 FRB02-072718 0.11299	26-Aug-18	16:52:02
17	180826M1_17	1802366-03 REEPDW573 0.11989	26-Aug-18	17:02:41
18	180826M1_18	1802094-06 SA-PZ145D-20180726 0.2...	26-Aug-18	17:13:16
19	180826M1_19	IPA	26-Aug-18	17:23:53
20	180826M1_20	1802094-05@5X SA-PZ145I-20180726 ...	26-Aug-18	17:34:26
21	180826M1_21	1802094-06@5X SA-PZ145D-2018072...	26-Aug-18	17:45:04
22	180826M1_22	B8G0192-MS1 Matrix Spike 0.25154	26-Aug-18	17:55:37
23	180826M1_23	B8G0192-MSD1 Matrix Spike Dup 0.247...	26-Aug-18	18:06:16
24	180826M1_24	1801939-01 SWIN1807191030GGA 0.2...	26-Aug-18	18:16:49
25	180826M1_25	1801939-02 SWEF1807191020GGA 0....	26-Aug-18	18:27:27
26	180826M1_26	1801940-01 SWIN1807191120GGA 0.2...	26-Aug-18	18:38:01
27	180826M1_27	1801940-02 SWEF1807191130GGA 0....	26-Aug-18	18:48:39
28	180826M1_28	*1801944-01 SWIN1807190900GGA 0.2...	26-Aug-18	18:59:12
29	180826M1_29	IPA	26-Aug-18	19:09:50
30	180826M1_30	ST180826M1-11 PFC CS3 18H2107	26-Aug-18	19:20:23
31	180826M1_31	1801944-02 SWEF1807190910GGA 0....	26-Aug-18	19:31:02
32	180826M1_32	1801995-01 SB-1 0.11452	26-Aug-18	19:41:34

A Curve not used.

*1801944-01 INVALID. REFER TO REINJECT

Dataset: Untitled

Last Altered: Monday, August 27, 2018 13:08:09 Pacific Daylight Time
 Printed: Monday, August 27, 2018 13:08:14 Pacific Daylight Time

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	33 180826M1_33	1801995-02 SB-2 0.11624	26-Aug-18	19:52:12
34	34 180826M1_34	1801995-03 MW-5 0.11159	26-Aug-18	20:02:45
35	35 180826M1_35	1802294-01 Bemidji Pilot APR2 lead 0.2...	26-Aug-18	20:13:23
36	36 180826M1_36	1802294-02 Bemidji Pilot PSR2 + 0.23755	26-Aug-18	20:24:02
37	37 180826M1_37	1802376-01 SWIN1808090910GGA 0.2...	26-Aug-18	20:34:34
38	38 180826M1_38	1802376-02 SWEF1808090920GGA 0....	26-Aug-18	20:45:13
39	39 180826M1_39	1802383-01 EB01-180808 0.23594	26-Aug-18	20:55:43
40	40 180826M1_40	1802383-02 EB02-180808 0.23488	26-Aug-18	21:06:21
41	41 180826M1_41	IPA	26-Aug-18	21:16:55
42	42 180826M1_42	ST180826M1-12 PFC CS3 18H2107	26-Aug-18	21:27:33
43	43 180826M1_43	1802383-03 EB03-180808 0.24378	26-Aug-18	21:38:06
44	44 180826M1_44	1802409-01 SW-SUMP 0.24091	26-Aug-18	21:48:44
45	45 180826M1_45	1802409-03 SW-Field Blank 0.24982	26-Aug-18	21:59:17
46	46 180826M1_46	B8G0208-BS1 OPR 0.25	26-Aug-18	22:09:55
47	47 180826M1_47	B8G0208-BLK1 Method Blank 0.25	26-Aug-18	22:20:27
48	48 180826M1_48	B8G0208-MS1 Matrix Spike 0.22586	26-Aug-18	22:31:06
49	49 180826M1_49	B8G0208-MSD1 Matrix Spike Dup 0.226...	26-Aug-18	22:41:39
50	50 180826M1_50	1801930-01 94121 0.23631	26-Aug-18	22:52:17
51	51 180826M1_51	1801930-02 94122 0.24258	26-Aug-18	23:02:51
52	52 180826M1_52	1801930-03 94123 0.2353	26-Aug-18	23:13:29
53	53 180826M1_53	1801930-04 94124 0.20664	26-Aug-18	23:24:02
54	54 180826M1_54	1801930-05 94125 0.23386	26-Aug-18	23:34:41
55	55 180826M1_55	1801930-06 94126 0.224	26-Aug-18	23:45:14
56	56 180826M1_56	1801930-07 94127 0.25421	26-Aug-18	23:55:52
57	57 180826M1_57	1801930-08 94128 0.22142	27-Aug-18	00:06:25
58	58 180826M1_58	IPA	27-Aug-18	00:17:03
59	59 180826M1_59	ST180826M1-13 PFC CS3 18H2107	27-Aug-18	00:27:42
60	60 180826M1_60	1801930-09 94129 0.25755	27-Aug-18	00:38:15
61	61 180826M1_61	B8H0069-BS1 OPR 0.25	27-Aug-18	00:48:54
62	62 180826M1_62	B8H0069-BLK1 Method Blank 0.25	27-Aug-18	00:59:26
63	63 180826M1_63	1802195-01 C2E4-8hr/24hr 0.23649	27-Aug-18	01:10:04
64	64 180826M1_64	1802272-01 B-1W 0.11572	27-Aug-18	01:20:43
65	65 180826M1_65	1802272-02 B-9W 0.11512	27-Aug-18	01:31:15
66	66 180826M1_66	1802272-03 B-7W 0.10668	27-Aug-18	01:41:53
67	67 180826M1_67	1802272-04 B-3W 0.11741	27-Aug-18	01:52:26
68	68 180826M1_68	1802272-05 B-2W 0.11459	27-Aug-18	02:03:04

Dataset: Untitled

Last Altered: Monday, August 27, 2018 13:08:09 Pacific Daylight Time
 Printed: Monday, August 27, 2018 13:08:14 Pacific Daylight Time

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
69	69 180826M1_69	1802272-06 DUP-GW 0.10911	27-Aug-18	02:13:37
70	70 180826M1_70	1802272-07 B-6W 0.11745	27-Aug-18	02:24:15
71	71 180826M1_71	1802272-08 B-8W 0.11796	27-Aug-18	02:34:47
72	72 180826M1_72	IPA	27-Aug-18	02:45:26
73	73 180826M1_73	ST180826M1-14 PFC CS3 18H2107	27-Aug-18	02:55:59
74	74 180826M1_74	1802272-09 B-10W 0.11693	27-Aug-18	03:06:37
75	75 180826M1_75	1802272-10 B-5W 0.11466	27-Aug-18	03:17:15
76	76 180826M1_76	1802272-11 IDW-GW 0.10313	27-Aug-18	03:27:48
77	77 180826M1_77	1802272-12 B-4W 0.10974	27-Aug-18	03:38:27
78	78 180826M1_78	B8H0078-BS1 OPR 1	27-Aug-18	03:49:05
79	79 180826M1_79	B8H0078-BLK1 Method Blank 1	27-Aug-18	03:59:37
80	80 180826M1_80	B8H0078-MS1 Matrix Spike 1.15	27-Aug-18	04:10:16
81	81 180826M1_81	B8H0078-MSD1 Matrix Spike Dup 1.14	27-Aug-18	04:20:49
82	82 180826M1_82	1802272-13 B-5W (4-5-6) 1.14	27-Aug-18	04:31:27
83	83 180826M1_83	1802272-14 B-3W (4-6) 1.07	27-Aug-18	04:42:00
84	84 180826M1_84	1802272-15 B-3W (1-3) 1.1	27-Aug-18	04:52:38
85	85 180826M1_85	1802272-16 B-5W (1-3) 1.09	27-Aug-18	05:03:11
86	86 180826M1_86	1802272-17 B-4W (2-4) 1.17	27-Aug-18	05:13:50
87	87 180826M1_87	1802272-18 B-10W (1-3) 1.08	27-Aug-18	05:24:23
88	88 180826M1_88	IPA	27-Aug-18	05:35:01
89	89 180826M1_89	ST180826M1-15 PFC CS3 18H2107	27-Aug-18	05:45:39
90	90 180826M1_90	1802272-19 B-7W (3-5) 1.04	27-Aug-18	05:56:13
91	91 180826M1_91	1802272-20 B-9W (6-8) 1.09	27-Aug-18	06:06:51
92	92 180826M1_92	1802273-01 B-8W (1-3) 1.08	27-Aug-18	06:17:29
93	93 180826M1_93	1802273-02 B-1W (1-3) 1.09	27-Aug-18	06:28:03
94	94 180826M1_94	1802273-03 B-2W (1-3) 1.08	27-Aug-18	06:38:41
95	95 180826M1_95	1802273-04 B-10W (6-8) 1.05	27-Aug-18	06:49:13
96	96 180826M1_96	1802273-05 B-9W (1-3) 1.1	27-Aug-18	06:59:52
97	97 180826M1_97	1802273-06 B-6W (1-3) 1.06	27-Aug-18	07:10:24
98	98 180826M1_98	1802273-07 DUP2-SL 1.07	27-Aug-18	07:21:03
99	99 180826M1_99	1802273-08 DUP-SL 1.09	27-Aug-18	07:31:35
100	1... 180826M1_100	IPA	27-Aug-18	07:42:14
101	1... 180826M1_101	ST180826M1-16 PFC CS3 18H2107	27-Aug-18	07:52:46
102	1... 180826M1_102	1802273-09 B-8W (5-7) 1.11	27-Aug-18	08:03:25
103	1... 180826M1_103	B8H0079-BS1 OPR 0.25	27-Aug-18	08:14:03
104	1... 180826M1_104	B8H0079-BLK1 Method Blank 0.25	27-Aug-18	08:24:36

Dataset: Untitled

Last Altered: Monday, August 27, 2018 13:08:09 Pacific Daylight Time
Printed: Monday, August 27, 2018 13:08:14 Pacific Daylight Time

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
105	1...	180826M1_105	1802248-01 SWEF1808021230GSC 0.2...	27-Aug-18	08:35:14
106	1...	180826M1_106	1802248-02 SWIN1808021240GSC 0.2...	27-Aug-18	08:45:53
107	1...	180826M1_107	1802302-01 SWIN1808020900GGA 0.2...	27-Aug-18	08:56:25
108	1...	180826M1_108	1802302-02 SWEF1808020930GGA 0.2...	27-Aug-18	09:07:03
109	1...	180826M1_109	1802303-01 SWIN1808021000GGA 0.2...	27-Aug-18	09:17:37
110	1...	180826M1_110	1802303-02 SWEF1808021010GGA 0.2...	27-Aug-18	09:28:15
111	1...	180826M1_111	1802304-01 SWIN1808021040GGA 0.2...	27-Aug-18	09:38:48
112	1...	180826M1_112	1802326-01 SWEF1808021050GGA 0.2...	27-Aug-18	09:49:27
113	1...	180826M1_113	IPA	27-Aug-18	10:00:00
114	1...	180826M1_114	ST180826M1-17 PFC CS3 18H2107	27-Aug-18	10:10:38

LC Calibration Standards Review Checklist 04

Calibration ID:		ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	
<u>ST18091341-1</u>	<u>LMH</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>J-2</u>	<u>LMH</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
_____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NA
↓

Full Mass Cal. Date: 9/12/18

Run Log Present:

of Samples per Sequence Checked:

Instrument Blank Saved

IIS Area Saved

Reviewed By: AD 9/13/18
Initials/Date

Comments:

Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-2.qld

Last Altered: Thursday, September 13, 2018 09:36:18 Pacific Daylight Time
Printed: Thursday, September 13, 2018 09:36:31 Pacific Daylight Time

✓AD 9/13/18

Name: 180913M1_2, Date: 13-Sep-2018, Time: 09:23:22, ID: ST180913M1-1 PFC CS0 18I0614, Description: PFC CS0 18I0614

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	969.283	10654.321	1.00	1.30	1.137	1.0	104.3	NO		
2	2 PFPeA	263.1 > 218.9	1244.683	16458.615	1.00	2.30	0.945	1.0	98.9	NO		
3	3 PFBS	299.0 > 79.7	265.751	1893.699	1.00	2.59	1.754	1.0	101.1	NO	2.647	NO
4	4 4:2 FTS	327.2>307.2	351.252	3697.531	1.00	3.00	1.187	0.9	94.0	NO	1.712	NO
5	5 PFHxA	313 > 269	2281.544	10599.291	1.00	3.09	1.076	1.0	102.7	NO	15.389	NO
6	6 PFPeS	349.1>80.1	254.866	1893.699	1.00	3.29	1.682	1.0	103.0	NO	1.584	NO
7	36 13C3-PFBA	216.1 > 171.8	10654.321	13575.444	1.00	1.29	9.810	12.9	103.2	NO		
8	37 13C3-PFPeA	266. > 221.8	16458.615	29543.953	1.00	2.29	6.964	12.7	101.4	NO		
9	38 13C3-PFBS	302. > 98.8	1893.699	3621.800	1.00	2.59	6.536	12.2	97.9	NO		
10	39 13C2-4:2 FTS	329.2>308.9	3697.531	3621.800	1.00	3.00	12.761	12.6	100.8	NO		
11	40 13C2-PFHxA	315 > 270	10599.291	29543.953	1.00	3.09	4.485	5.1	101.4	NO		
12	38 13C3-PFBS	302. > 98.8	1893.699	3621.800	1.00	2.59	6.536	12.2	97.9	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	439.215	3774.162	1.00	4.18	1.455	0.9	94.8	NO	3.126	NO
15	7 PFHpA	363.0 > 318.9	1488.623	15447.670	1.00	3.71	1.205	1.0	102.2	NO	11.627	NO
16	8 L-PFHxS	398.9 > 79.6	249.087	1721.182	1.00	3.87	1.809	1.1	105.4	NO	1.567	NO
17	11 L-PFOA	412.8 > 368.9	2992.202	26041.152	1.00	4.24	1.436	0.9	92.4	NO	3.393	NO
18	13 PFHpS	449 > 80.0	227.479	3984.646	1.00	4.35	0.714	0.8	82.4	NO	1.752	NO
19	14 PFNA	463.0 > 418.8	2445.996	26735.934	1.00	4.68	1.144	1.0	101.7	NO	4.608	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	3774.162	3636.783	1.00	4.18	12.972	13.5	108.3	NO		
21	41 13C4-PFHpA	367.2 > 321.8	15447.670	29543.953	1.00	3.71	6.536	14.0	112.2	NO		
22	42 18O2-PFHxS	403.0 > 102.6	1721.182	3621.800	1.00	3.87	5.940	12.6	100.6	NO		
23	44 13C2-PFOA	414.9 > 369.7	26041.152	36033.520	1.00	4.24	9.034	13.1	105.1	NO		
24	47 13C8-PFOS	507.0 > 79.9	3984.646	3636.783	1.00	4.76	13.696	13.0	103.7	NO		
25	45 13C5-PFNA	468.2 > 422.9	26735.934	27906.604	1.00	4.68	11.976	12.3	98.1	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	535.634	5944.170	1.00	4.74	1.126	1.0	104.0	NO	59.134	NO
28	16 L-PFOS	498.9 > 79.9	283.647	3984.646	1.00	4.76	0.890	0.8	81.5	NO	1.671	NO
29	18 PFDA	513 > 468.8	2622.830	23966.930	1.00	5.06	1.368	1.0	96.3	NO	5.267	NO
30	19 8:2 FTS	527 > 506.9	407.129	3022.190	1.00	5.03	1.684	1.2	122.5	NO	2.501	NO
31	20 PFNS	549.1 > 80.1	256.924	3984.646	1.00	5.12	0.806	1.0	98.4	NO	1.693	NO
32	21 L-MeFOSAA	570 > 419	818.603	7194.126	1.00	5.21	1.422	0.9	89.8	NO	3.675	NO
33	46 13C8-PFOSA	506.1 > 77.7	5944.170	31218.545	1.00	4.74	2.380	12.0	96.3	NO		
34	47 13C8-PFOS	507.0 > 79.9	3984.646	3636.783	1.00	4.76	13.696	13.0	103.7	NO		
35	48 13C2-PFDA	515.1 > 469.9	23966.930	26408.854	1.00	5.06	11.344	14.1	112.6	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	3022.190	3636.783	1.00	5.03	10.388	12.8	102.3	NO		

AD 9/13/18

Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-2.qld

Last Altered: Thursday, September 13, 2018 09:36:18 Pacific Daylight Time
Printed: Thursday, September 13, 2018 09:36:31 Pacific Daylight Time

Name: 180913M1_2, Date: 13-Sep-2018, Time: 09:23:22, ID: ST180913M1-1 PFC CS0 18I0614, Description: PFC CS0 18I0614

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	47 13C8-PFOS	507.0 > 79.9	3984.646	3636.783	1.00	4.76	13.696	13.0	103.7	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	7194.126	31218.545	1.00	5.20	2.881	13.8	110.8	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	689.682	8796.087	1.00	5.37	0.980	0.9	94.6	NO	1.321	NO
41	27 PFD0A	612.9 > 569.0	2907.070	28246.904	1.00	5.67	1.286	1.0	103.1	NO	10.225	NO
42	26 PFDS	598.8 > 79.9	365.402	3984.646	1.00	5.43	1.146	1.0	104.5	NO	1.887	NO
43	25 PFUdA	563.0 > 518.9	2491.196	30921.139	1.00	5.39	1.007	1.0	101.9	NO	8.340	NO
44	28 N-MeFOSA	512.1 > 168.9	555.980	17331.715	1.00	5.75	4.812	4.9	97.5	NO	1.616	NO
45	29 PFTrDA	662.9 > 618.9	2999.400	28246.904	1.00	5.92	1.327	1.0	98.4	NO	19.533	NO
46	52 d5-N-EtFOSAA	589.3 > 419	8796.087	31218.545	1.00	5.36	3.522	14.0	111.6	NO		
47	53 13C2-PFD0A	615.0 > 569.7	28246.904	26408.854	1.00	5.67	13.370	13.6	108.6	NO		
48	47 13C8-PFOS	507.0 > 79.9	3984.646	3636.783	1.00	4.76	13.696	13.0	103.7	NO		
49	51 13C2-PFUdA	565 > 519.8	30921.139	31218.545	1.00	5.38	12.381	13.4	107.1	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	17331.715	31218.545	1.00	5.78	6.940	150.0	100.0	NO		
51	53 13C2-PFD0A	615.0 > 569.7	28246.904	26408.854	1.00	5.67	13.370	13.6	108.6	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	2955.637	14967.970	1.00	6.14	2.468	1.3	127.9	NO	15.615	NO
54	31 N-EtFOSA	526.1 > 168.9	599.921	20277.406	1.00	6.17	4.438	5.2	104.2	NO	1.789	NO
55	32 PFHxDA	813.1 > 768.6	886.204	8574.471	1.00	6.47	0.517	0.8	77.6	NO	15.785	NO
56	33 PFODA	913.1 > 868.8	1599.973	8574.471	1.00	6.70	0.933	1.1	106.0	NO		
57	34 N-MeFOSE	616.1 > 58.9	492.637	16053.564	1.00	6.35	4.603	5.1	102.0	NO		
58	35 N-EtFOSE	630.1 > 58.9	597.313	16075.612	1.00	6.50	5.573	4.8	96.1	NO		
59	55 13C2-PFTeDA	714.8 > 669.6	14967.970	31218.545	1.00	6.14	5.993	10.4	83.5	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	20277.406	31218.545	1.00	6.19	8.119	155.7	103.8	NO		
61	57 13C2-PFHxDA	815 > 769.7	8574.471	31218.545	1.00	6.47	3.433	4.5	90.0	NO		
62	57 13C2-PFHxDA	815 > 769.7	8574.471	31218.545	1.00	6.47	3.433	4.5	90.0	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	16053.564	31218.545	1.00	6.34	6.428	141.8	94.5	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	16075.612	31218.545	1.00	6.49	6.437	146.8	97.9	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	13575.444	13575.444	1.00	1.30	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	29543.953	29543.953	1.00	3.08	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	3621.800	3621.800	1.00	3.86	12.500	12.5	100.0	NO		
69	63 13C8-PFOA	420.9 > 376	36033.520	36033.520	1.00	4.24	12.500	12.5	100.0	NO		
70	64 13C9-PFNA	472.2 > 426.9	27906.604	27906.604	1.00	4.68	12.500	12.5	100.0	NO		
71	65 13C4-PFOS	503 > 79.9	3636.783	3636.783	1.00	4.76	12.500	12.5	100.0	NO		
72	66 13C6-PFDA	519.1 > 473.7	26408.854	26408.854	1.00	5.06	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\180913M1\180913M1-2.qld

Last Altered: Thursday, September 13, 2018 09:36:18 Pacific Daylight Time

Printed: Thursday, September 13, 2018 09:36:31 Pacific Daylight Time

Name: 180913M1_2, Date: 13-Sep-2018, Time: 09:23:22, ID: ST180913M1-1 PFC CS0 18I0614, Description: PFC CS0 18I0614

#	Name	Trace	Area	IS Area	wt/Vol	RT	Response	Conc.	%Rec	Recovery...	Ion Ratio	Ratio Out?
73	67 13C7-PFUdA	570.1 > 524.8	31218.545	31218.545	1.00	5.38	12.500	12.5	100.0		NO	

Dataset: Untitled

Last Altered: Thursday, September 13, 2018 13:15:27 Pacific Daylight Time
Printed: Thursday, September 13, 2018 13:16:11 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091318.mdb 13 Sep 2018 09:36:16
Calibration: Z:\Projects\PFAS.pro\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 180913M1_1	IPA	13-Sep-18	09:12:50
2	2 180913M1_2	ST180913M1-1 PFC CS0 18I0614	13-Sep-18	09:23:22
3	3 180913M1_3	IPA	13-Sep-18	09:34:01
4	4 180913M1_4	1802791-11 OF-RW02-MID01-0818 0.2...	13-Sep-18	09:44:37
5	5 180913M1_5	1802490-05@10X GW1808151305JAY ...	13-Sep-18	09:55:14
6	6 180913M1_6	1802490-07@10X GW1808141455JAY ...	13-Sep-18	10:05:52
7	7 180913M1_7	1802094-07@5X SA-MW128I-2018072...	13-Sep-18	10:16:25
8	8 180913M1_8	B8I0038-MSD1 Matrix Spike Dup 0.11034	13-Sep-18	10:27:03
9	9 180913M1_9	IPA	13-Sep-18	10:37:36
10	10 180913M1_10	1802847-07 GALP05818 0.10518	13-Sep-18	10:48:14
11	11 180913M1_11	IPA	13-Sep-18	10:58:46
12	12 180913M1_12	1802847-08 GALP04809 0.1082	13-Sep-18	11:09:25
13	13 180913M1_13	1802847-12 GALP04829 0.11315	13-Sep-18	11:19:57
14	14 180913M1_14	IPA	13-Sep-18	11:30:36
15	15 180913M1_15	1802847-13 GALP05810 0.10975	13-Sep-18	11:41:10
16	16 180913M1_16	IPA	13-Sep-18	11:51:48
17	17 180913M1_17	B8I0038-MS1@5X Matrix Spike 0.10997	13-Sep-18	12:02:20
18	18 180913M1_18	B8I0038-MSD1@5X Matrix Spike Dup 0...	13-Sep-18	12:12:58
19	19 180913M1_19	1802847-01@5X GALP04807 0.11545	13-Sep-18	12:23:31
20	20 180913M1_20	1802847-02@5X GALP05819 0.1076	13-Sep-18	12:34:09
21	21 180913M1_21	IPA	13-Sep-18	12:44:41
22	22 180913M1_22	ST180913M1-2 PFC CS3 18I0617	13-Sep-18	12:55:20

Dataset: Z:\Projects\PFAS.PRO\Results\180913M1\180913M1-22.qld

Last Altered: Thursday, September 13, 2018 13:13:22 Pacific Daylight Time
Printed: Thursday, September 13, 2018 13:13:36 Pacific Daylight Time

✓ AD 9/17/18

Name: 180913M1_22, Date: 13-Sep-2018, Time: 12:55:20, ID: ST180913M1-2 PFC CS3 18I0617, Description: PFC CS3 18I0617

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	11794.086	12824.131	1.00	1.29	11.496	9.8	98.4	NO		
2	2 PFPeA	263.1 > 218.9	15156.544	20297.947	1.00	2.29	9.334	10.0	99.7	NO		
3	3 PFBS	299.0 > 79.7	3374.541	2377.612	1.00	2.58	17.741	10.0	100.1	NO	2.613	NO
4	4 4:2 FTS	327.2>307.2	4531.169	4293.502	1.00	2.99	13.192	10.5	105.1	NO	1.775	NO
5	5 PFHxA	313 > 269	26542.480	13455.096	1.00	3.08	9.863	9.5	94.6	NO	15.110	NO
6	6 PFPeS	349.1>80.1	3213.465	2377.612	1.00	3.29	16.894	10.0	100.4	NO	1.642	NO
7	36 13C3-PFBA	216.1 > 171.8	12824.131	17030.563	1.00	1.29	9.413	12.4	99.0	NO		
8	37 13C3-PFPeA	266. > 221.8	20297.947	37581.668	1.00	2.29	6.751	12.3	98.3	NO		
9	38 13C3-PFBS	302. > 98.8	2377.612	4521.206	1.00	2.58	6.574	12.3	98.5	NO		
10	39 13C2-4:2 FTS	329.2>308.9	4293.502	4521.206	1.00	2.99	11.870	11.7	93.8	NO		
11	40 13C2-PFHxA	315 > 270	13455.096	37581.668	1.00	3.08	4.475	5.1	101.2	NO		
12	38 13C3-PFBS	302. > 98.8	2377.612	4521.206	1.00	2.58	6.574	12.3	98.5	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	5391.950	4368.352	1.00	4.18	15.429	10.5	104.7	NO	3.304	NO
15	7 PFHpA	363.0 > 318.9	16688.457	17917.395	1.00	3.70	11.643	9.8	98.3	NO	11.142	NO
16	8 L-PFHxS	398.9 > 79.6	2812.167	2027.851	1.00	3.86	17.335	9.8	98.3	NO	1.765	NO
17	11 L-PFOA	412.8 > 368.9	36508.867	30708.205	1.00	4.23	14.861	10.0	100.1	NO	3.530	NO
18	13 PFHpS	449 > 80.0	3412.719	5007.324	1.00	4.35	8.519	10.1	100.5	NO	1.710	NO
19	14 PFNA	463.0 > 418.8	28791.834	32733.168	1.00	4.67	10.995	9.9	98.9	NO	4.048	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	4368.352	4712.937	1.00	4.18	11.586	12.1	96.7	NO		
21	41 13C4-PFHpA	367.2 > 321.8	17917.395	37581.668	1.00	3.70	5.959	12.8	102.3	NO		
22	42 18O2-PFHxS	403.0 > 102.6	2027.851	4521.206	1.00	3.86	5.606	11.9	95.0	NO		
23	44 13C2-PFOA	414.9 > 369.7	30708.205	47878.715	1.00	4.23	8.017	11.7	93.3	NO		
24	47 13C8-PFOS	507.0 > 79.9	5007.324	4712.937	1.00	4.76	13.281	12.6	100.6	NO		
25	45 13C5-PFNA	468.2 > 422.9	32733.168	33923.047	1.00	4.67	12.062	12.4	98.8	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	6591.710	7482.324	1.00	4.73	11.012	10.0	100.0	NO	29.819	YES
28	16 L-PFOS	498.9 > 79.9	4105.606	5007.324	1.00	4.76	10.249	9.9	99.2	NO	1.936	NO
29	18 PFDA	513 > 468.8	32629.145	29150.297	1.00	5.05	13.992	10.0	100.1	NO	5.492	NO
30	19 8:2 FTS	527 > 506.9	4040.324	3366.283	1.00	5.02	15.003	11.6	116.0	NO	2.260	NO
31	20 PFNS	549.1 > 80.1	3265.192	5007.324	1.00	5.12	8.151	9.7	97.2	NO	1.690	NO
32	21 L-MeFOSAA	570 > 419	10567.714	8300.622	1.00	5.20	15.914	9.7	96.7	NO	2.663	NO
33	46 13C8-PFOA	506.1 > 77.7	7482.324	40344.430	1.00	4.73	2.318	11.7	93.8	NO		
34	47 13C8-PFOS	507.0 > 79.9	5007.324	4712.937	1.00	4.76	13.281	12.6	100.6	NO		
35	48 13C2-PFDA	515.1 > 469.9	29150.297	36485.809	1.00	5.05	9.987	12.4	99.2	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	3366.283	4712.937	1.00	5.02	8.928	11.0	88.0	NO		

DM 9/13/18

Dataset: Z:\Projects\PFAS.PRO\Results\180913M1\180913M1-22.qld

Last Altered: Thursday, September 13, 2018 13:13:22 Pacific Daylight Time
Printed: Thursday, September 13, 2018 13:13:36 Pacific Daylight Time

Name: 180913M1_22, Date: 13-Sep-2018, Time: 12:55:20, ID: ST180913M1-2 PFC CS3 18I0617, Description: PFC CS3 18I0617

	# Name	Trace	Area	IS Area	w/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	47 13C8-PFOS	507.0 > 79.9	5007.324	4712.937	1.00	4.76	13.281	12.6	100.6	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	8300.622	40344.430	1.00	5.20	2.572	12.4	98.9	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	8982.064	10716.826	1.00	5.36	10.477	10.0	99.5	NO	1.446	NO
41	27 PFD0A	612.9 > 569.0	35325.168	34294.117	1.00	5.66	12.876	10.6	105.7	NO	8.600	NO
42	26 PFDS	598.8 > 79.9	4078.700	5007.324	1.00	5.43	10.182	9.7	96.9	NO	1.619	NO
43	25 PFUdA	563.0 > 518.9	26563.086	37036.121	1.00	5.37	8.965	9.4	94.1	NO	8.108	NO
44	28 N-MeFOSA	512.1 > 168.9	6897.188	20887.182	1.00	5.76	49.532	53.3	106.6	NO	1.584	NO
45	29 PFTrDA	662.9 > 618.9	36486.480	34294.117	1.00	5.91	13.299	10.3	103.4	NO	22.181	NO
46	52 d5-N-EtFOSAA	589.3 > 419	10716.826	40344.430	1.00	5.36	3.320	13.2	105.3	NO		
47	53 13C2-PFD0A	615.0 > 569.7	34294.117	36485.809	1.00	5.66	11.749	11.9	95.5	NO		
48	47 13C8-PFOS	507.0 > 79.9	5007.324	4712.937	1.00	4.76	13.281	12.6	100.6	NO		
49	51 13C2-PFUdA	565 > 519.8	37036.121	40344.430	1.00	5.37	11.475	12.4	99.3	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	20887.182	40344.430	1.00	5.78	6.472	139.9	93.3	NO		
51	53 13C2-PFD0A	615.0 > 569.7	34294.117	36485.809	1.00	5.66	11.749	11.9	95.5	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	35469.656	23064.477	1.00	6.12	19.223	10.2	102.1	NO	14.789	NO
54	31 N-EtFOSA	526.1 > 168.9	6902.439	24229.188	1.00	6.17	42.732	51.3	102.6	NO	1.668	NO
55	32 PFHxDA	813.1 > 768.6	13788.486	11974.317	1.00	6.46	5.758	9.8	98.4	NO	17.728	NO
56	33 PFODA	913.1 > 868.8	21378.514	11974.317	1.00	6.70	8.927	10.4	103.9	NO		
57	34 N-MeFOSE	616.1 > 58.9	6140.365	18862.512	1.00	6.35	48.830	53.7	107.4	NO		
58	35 N-EtFOSE	630.1 > 58.9	7170.541	18969.096	1.00	6.50	56.702	50.1	100.2	NO		
59	55 13C2-PFTeDA	714.8 > 669.6	23064.477	40344.430	1.00	6.12	7.146	12.5	99.6	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	24229.188	40344.430	1.00	6.19	7.507	143.9	96.0	NO		
61	57 13C2-PFHxDA	815 > 769.7	11974.317	40344.430	1.00	6.46	3.710	4.9	97.2	NO		
62	57 13C2-PFHxDA	815 > 769.7	11974.317	40344.430	1.00	6.46	3.710	4.9	97.2	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	18862.512	40344.430	1.00	6.34	5.844	128.9	86.0	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	18969.096	40344.430	1.00	6.49	5.877	134.0	89.4	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	17030.563	17030.563	1.00	1.29	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	37581.668	37581.668	1.00	3.08	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	4521.206	4521.206	1.00	3.86	12.500	12.5	100.0	NO		
69	63 13C8-PFOA	420.9 > 376	47878.715	47878.715	1.00	4.23	12.500	12.5	100.0	NO		
70	64 13C9-PFNA	472.2 > 426.9	33923.047	33923.047	1.00	4.67	12.500	12.5	100.0	NO		
71	65 13C4-PFOS	503 > 79.9	4712.937	4712.937	1.00	4.76	12.500	12.5	100.0	NO		
72	66 13C6-PFDA	519.1 > 473.7	36485.809	36485.809	1.00	5.05	12.500	12.5	100.0	NO		

Dataset: Z:\Projects\PFAS.PRO\Results\180913M1\180913M1-22.qld

Last Altered: Thursday, September 13, 2018 13:13:22 Pacific Daylight Time

Printed: Thursday, September 13, 2018 13:13:36 Pacific Daylight Time

Name: 180913M1_22, Date: 13-Sep-2018, Time: 12:55:20, ID: ST180913M1-2 PFC CS3 18I0617, Description: PFC CS3 18I0617

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	67 13C7-PFUdA	570.1 > 524.8	40344.430	40344.430	1.00	5.38	12.500	12.5	100.0		NO	

Dataset: Untitled

Last Altered: Thursday, September 13, 2018 13:15:27 Pacific Daylight Time

Printed: Thursday, September 13, 2018 13:16:11 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091318.mdb 13 Sep 2018 09:36:16
Calibration: Z:\Projects\PFAS.pro\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 180913M1_1	IPA	13-Sep-18	09:12:50
2	2 180913M1_2	ST180913M1-1 PFC CS0 18I0614	13-Sep-18	09:23:22
3	3 180913M1_3	IPA	13-Sep-18	09:34:01
4	4 180913M1_4	1802791-11 OF-RW02-MID01-0818 0.2...	13-Sep-18	09:44:37
5	5 180913M1_5	1802490-05@10X GW1808151305JAY ...	13-Sep-18	09:55:14
6	6 180913M1_6	1802490-07@10X GW1808141455JAY ...	13-Sep-18	10:05:52
7	7 180913M1_7	1802094-07@5X SA-MW1281-2018072...	13-Sep-18	10:16:25
8	8 180913M1_8	B8I0038-MSD1 Matrix Spike Dup 0.11034	13-Sep-18	10:27:03
9	9 180913M1_9	IPA	13-Sep-18	10:37:36
10	10 180913M1_10	1802847-07 GALP05818 0.10518	13-Sep-18	10:48:14
11	11 180913M1_11	IPA	13-Sep-18	10:58:46
12	12 180913M1_12	1802847-08 GALP04809 0.1082	13-Sep-18	11:09:25
13	13 180913M1_13	1802847-12 GALP04829 0.11315	13-Sep-18	11:19:57
14	14 180913M1_14	IPA	13-Sep-18	11:30:36
15	15 180913M1_15	1802847-13 GALP05810 0.10975	13-Sep-18	11:41:10
16	16 180913M1_16	IPA	13-Sep-18	11:51:48
17	17 180913M1_17	B8I0038-MS1@5X Matrix Spike 0.10997	13-Sep-18	12:02:20
18	18 180913M1_18	B8I0038-MSD1@5X Matrix Spike Dup 0...	13-Sep-18	12:12:58
19	19 180913M1_19	1802847-01@5X GALP04807 0.11545	13-Sep-18	12:23:31
20	20 180913M1_20	1802847-02@5X GALP05819 0.1076	13-Sep-18	12:34:09
21	21 180913M1_21	IPA	13-Sep-18	12:44:41
22	22 180913M1_22	ST180913M1-2 PFC CS3 18I0617	13-Sep-18	12:55:20

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time
 Printed: Sunday, August 26, 2018 13:09:43 Pacific Daylight Time

low pt
 PFAS = 0.5
 PFOS ↓

high pt
 4:2 FTS = 100
 0:2 FTS ↓
 0:2 FTS ↓
 MePISA = 1250
 ETPOSE
 MePISA ↓

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:06:13

Compound name: PFBA

Correlation coefficient: $r = 0.999319$, $r^2 = 0.998638$
 Calibration curve: $1.15617 * x + 0.0148209$
 Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)
 Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

INITIAL CALIBRATION

AM 8/26/18
OK 8/26/18

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	1.28	498.523	19998.494	0.312	0.3	2.7	NO	0.999	NO	MM
2	2 180825M1_3	Standard	0.500	1.28	993.053	19121.814	0.649	0.5	9.7	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	1.28	2010.485	20743.502	1.212	1.0	3.5	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	1.28	3900.082	20247.439	2.408	2.1	3.5	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	1.28	9714.935	21226.176	5.721	4.9	-1.3	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	1.28	18065.840	20688.775	10.915	9.4	-5.7	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	1.28	81432.570	18940.324	53.743	46.5	-7.1	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	1.28	167238.906	19769.238	105.744	91.4	-8.6	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	1.29	432480.313	18441.494	293.143	253.5	1.4	NO	0.999	NO	MM
10	10 180825M1_11	Standard	500.000	1.28	779716.438	16560.721	588.528	509.0	1.8	NO	0.999	NO	MM

Compound name: PFPeA

Coefficient of Determination: $R^2 = 0.999514$
 Calibration curve: $0.000144741 * x^2 + 0.948444 * x + 0.0666422$
 Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	2.28	706.508	33241.895	0.266	0.2	-16.1	NO	1.000	NO	bb
2	2 180825M1_3	Standard	0.500	2.28	1439.382	33132.469	0.543	0.5	0.5	NO	1.000	NO	bb
3	3 180825M1_4	Standard	1.000	2.28	2966.342	33816.434	1.096	1.1	8.6	NO	1.000	NO	bb
4	4 180825M1_5	Standard	2.000	2.28	5685.534	33820.297	2.101	2.1	7.2	NO	1.000	NO	bb
5	5 180825M1_6	Standard	5.000	2.28	13626.754	34084.293	4.997	5.2	3.9	NO	1.000	NO	bb
6	6 180825M1_7	Standard	10.000	2.28	25305.291	33216.926	9.523	10.0	-0.5	NO	1.000	NO	bb
7	7 180825M1_8	Standard	50.000	2.28	113730.617	30300.207	46.918	49.0	-1.9	NO	1.000	NO	bb
8	8 180825M1_9	Standard	100.000	2.28	224089.969	30324.652	92.371	95.9	-4.1	NO	1.000	NO	bb
9	9 180825M1_10	Standard	250.000	2.28	528846.063	26063.240	253.636	257.3	2.9	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

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Compound name: PFPeA

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
10	10 180825M1_11	Standard	500.000	2.28	917119.000	22582.154	507.657	497.4	-0.5	NO	1.000	NO	bb

Compound name: PFBS

Coefficient of Determination: R² = 0.998993

Calibration curve: 5.3431e-005 * x² + 1.98654 * x + 0.0349718

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	2.58	138.636	3445.955	0.503	0.2	-5.8	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	2.58	287.574	3325.544	1.081	0.5	5.3	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	2.58	586.660	3526.256	2.080	1.0	2.9	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	2.58	1245.471	3545.528	4.391	2.2	9.6	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	2.58	2852.311	3608.568	9.880	5.0	-0.9	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	2.58	5206.163	3473.203	18.737	9.4	-5.9	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	2.58	23256.766	3076.623	94.490	47.5	-5.0	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	2.58	45921.977	3000.121	191.334	96.0	-4.0	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	2.58	105584.031	2522.638	523.183	261.5	4.6	NO	0.999	NO	bb
10	10 180825M1_11	Standard	500.000	2.58	175025.063	2194.008	997.177	495.3	-0.9	NO	0.999	NO	bb

Compound name: 4:2 FTS

Coefficient of Determination: R² = 0.999180

Calibration curve: -0.00270822 * x² + 0.96845 * x + 0.0731081

Response type: Internal Std (Ref 39), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	2.99	162.814	7030.892	0.289	0.2	-10.6	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	2.99	293.646	6825.006	0.538	0.5	-3.9	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	2.99	618.293	7060.958	1.095	1.1	5.8	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	2.99	1167.394	7267.745	2.008	2.0	0.5	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	2.99	2976.674	7199.572	5.168	5.3	6.8	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	3.00	5559.370	7058.676	9.845	10.4	3.9	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	2.99	22965.262	7099.831	40.433	48.2	-3.7	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

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Compound name: 4:2 FTS

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
8	8 180825M1_9	Standard	100.000	3.00	43656.383	7748.221	70.430	101.4	1.4	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	2.99	99972.266	9688.219	128.987			NO	0.999	NO	bbXI
10	10 180825M1_11	Standard	500.000	2.99	164789.156	12578.926	163.755			NO	0.999	NO	bbXI

Compound name: PFHxA

Coefficient of Determination: R^2 = 0.999220

Calibration curve: $7.04522e-007 * x^2 + 0.935981 * x + 0.0590134$

Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	3.08	1159.871	19681.047	0.295	0.3	0.7	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	3.08	2235.754	20132.121	0.555	0.5	6.0	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	3.08	4192.854	20221.125	1.037	1.0	4.5	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	3.08	8575.724	20311.969	2.111	2.2	9.6	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	3.08	20766.766	20414.045	5.086	5.4	7.4	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	3.08	38249.688	20135.582	9.498	10.1	0.8	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	3.08	169203.000	18232.393	46.402	49.5	-1.0	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	3.08	323459.406	18311.459	88.322	94.3	-5.7	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	3.08	769288.250	15886.112	242.126	258.6	3.4	NO	0.999	NO	bb
10	10 180825M1_11	Standard	500.000	3.08	1318673.500	14169.531	465.320	496.9	-0.6	NO	0.999	NO	bb

Compound name: PFPeS

Coefficient of Determination: R^2 = 0.998782

Calibration curve: $-0.000202992 * x^2 + 1.67569 * x + 0.00949485$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	3.29	111.551	3445.955	0.405	0.2	-5.7	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	3.29	254.572	3325.544	0.957	0.6	13.1	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	3.29	462.679	3526.256	1.640	1.0	-2.7	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	3.29	971.947	3545.528	3.427	2.0	2.0	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	3.29	2482.927	3608.568	8.601	5.1	2.6	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

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Compound name: PFPeS

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
6	6 180825M1_7	Standard	10.000	3.29	4522.721	3473.203	16.277	9.7	-2.8	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	3.29	19123.164	3076.623	77.695	46.6	-6.8	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	3.29	38251.305	3000.121	159.374	96.2	-3.8	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	3.29	86064.039	2522.638	426.459	262.9	5.1	NO	0.999	NO	bb
10	10 180825M1_11	Standard	500.000	3.29	136695.031	2194.008	778.797	494.4	-1.1	NO	0.999	NO	bb

Compound name: PFHpA

Correlation coefficient: $r = 0.999254$, $r^2 = 0.998508$

Calibration curve: $1.16602 * x + 0.0435023$

Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	3.71	845.398	30217.102	0.350	0.3	5.0	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	3.71	1531.537	31227.330	0.613	0.5	-2.3	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	3.71	3141.561	31544.527	1.245	1.0	3.0	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	3.71	6175.638	30114.398	2.563	2.2	8.1	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	3.71	15308.022	32710.547	5.850	5.0	-0.4	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	3.71	27748.225	31084.766	11.158	9.5	-4.7	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	3.71	120191.141	28118.541	53.431	45.8	-8.4	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	3.71	240185.406	27042.039	111.024	95.2	-4.8	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	3.71	553712.875	22547.932	306.964	263.2	5.3	NO	0.999	NO	bb
10	10 180825M1_11	Standard	500.000	3.71	930074.563	20095.918	578.522	496.1	-0.8	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

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Compound name: L-PFHxS

Coefficient of Determination: R² = 0.997546

Calibration curve: 0.000151543 * x² + 1.72502 * x + 0.0135457

Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	3.86	109.376	3102.036	0.441	0.2	-0.9	NO	0.998	NO	MM
2	2 180825M1_3	Standard	0.500	3.87	229.995	3141.342	0.915	0.5	4.5	NO	0.998	NO	MM
3	3 180825M1_4	Standard	1.000	3.87	463.658	3120.820	1.857	1.1	6.9	NO	0.998	NO	MM
4	4 180825M1_5	Standard	2.000	3.87	910.644	3185.468	3.573	2.1	3.2	NO	0.998	NO	MM
5	5 180825M1_6	Standard	5.000	3.87	2271.839	3109.469	9.133	5.3	5.7	NO	0.998	NO	MM
6	6 180825M1_7	Standard	10.000	3.87	4032.693	3125.250	16.129	9.3	-6.7	NO	0.998	NO	MM
7	7 180825M1_8	Standard	50.000	3.87	18615.553	2958.997	78.640	45.4	-9.2	NO	0.998	NO	MM
8	8 180825M1_9	Standard	100.000	3.87	36102.594	2761.479	163.421	94.0	-6.0	NO	0.998	NO	MM
9	9 180825M1_10	Standard	250.000	3.87	86937.133	2298.064	472.882	267.8	7.1	NO	0.998	NO	MM
10	10 180825M1_11	Standard	500.000	3.87	147014.813	2071.147	887.279	493.0	-1.4	NO	0.998	NO	MM

Compound name: 6:2 FTS

Coefficient of Determination: R² = 0.999439

Calibration curve: -0.00252762 * x² + 1.02117 * x + 0.0388615

Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	4.19	163.684	7189.710	0.285	0.2	-3.7	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	4.19	307.961	7035.296	0.547	0.5	-0.3	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	4.19	641.179	7162.068	1.119	1.1	6.1	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	4.19	1329.304	7177.481	2.315	2.2	12.1	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	4.19	3135.117	7612.021	5.148	5.1	1.3	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	4.19	5521.619	6807.340	10.139	10.1	1.5	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	4.19	25557.170	7290.515	43.819	48.8	-2.5	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	4.19	49405.223	7985.438	77.336	100.9	0.9	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	4.19	110329.391	10623.472	129.818			NO	0.999	NO	bbXI
10	10 180825M1_11	Standard	500.000	4.19	188112.328	13926.469	168.844			NO	0.999	NO	bbXI

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Compound name: L-PFOA

Coefficient of Determination: R² = 0.999409

Calibration curve: 0.000181142 * x² + 1.22455 * x + 0.13836

Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	4.24	1655.802	49274.074	0.420	0.2	-8.0	NO	0.999	NO	MM
2	2 180825M1_3	Standard	0.500	4.24	2719.329	47775.039	0.711	0.5	-6.4	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	4.24	5381.616	48304.207	1.393	1.0	2.4	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	4.24	11037.771	49751.418	2.773	2.2	7.6	NO	0.999	NO	MM
5	5 180825M1_6	Standard	5.000	4.24	25963.525	47976.961	6.765	5.4	8.1	NO	0.999	NO	MM
6	6 180825M1_7	Standard	10.000	4.24	48963.770	49232.746	12.432	10.0	0.2	NO	0.999	NO	MM
7	7 180825M1_8	Standard	50.000	4.24	206333.891	42489.840	60.701	49.1	-1.8	NO	0.999	NO	MM
8	8 180825M1_9	Standard	100.000	4.24	405206.813	42752.910	118.473	95.3	-4.7	NO	0.999	NO	MM
9	9 180825M1_10	Standard	250.000	4.24	985563.188	37587.918	327.753	257.7	3.1	NO	0.999	NO	MM
10	10 180825M1_11	Standard	500.000	4.24	1639501.500	31340.223	653.913	497.3	-0.5	NO	0.999	NO	MM

Compound name: PFHpS

Coefficient of Determination: R² = 0.999506

Calibration curve: 0.000214586 * x² + 0.833847 * x + 0.0996653

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	4.36	103.223	7016.416	0.184	0.1	-59.6	YES	1.000	NO	bbX
2	2 180825M1_3	Standard	0.500	4.36	261.645	6898.175	0.474	0.4	-10.2	NO	1.000	NO	bb
3	3 180825M1_4	Standard	1.000	4.36	555.333	7486.159	0.927	1.0	-0.8	NO	1.000	NO	MM
4	4 180825M1_5	Standard	2.000	4.36	1109.280	7463.945	1.858	2.1	5.4	NO	1.000	NO	MM
5	5 180825M1_6	Standard	5.000	4.36	2780.482	7577.506	4.587	5.4	7.5	NO	1.000	NO	MM
6	6 180825M1_7	Standard	10.000	4.36	5128.155	7500.849	8.546	10.1	1.0	NO	1.000	NO	bb
7	7 180825M1_8	Standard	50.000	4.36	22114.824	6544.876	42.237	49.9	-0.2	NO	1.000	NO	bb
8	8 180825M1_9	Standard	100.000	4.36	42715.117	6561.887	81.370	95.1	-4.9	NO	1.000	NO	bb
9	9 180825M1_10	Standard	250.000	4.36	97705.367	5354.635	228.086	256.5	2.6	NO	1.000	NO	bb
10	10 180825M1_11	Standard	500.000	4.36	161565.219	4310.991	468.469	497.9	-0.4	NO	1.000	NO	bb

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Compound name: PFNA

Coefficient of Determination: R² = 0.999666

Calibration curve: 0.0001028 * x² + 1.18741 * x + 0.0680712

Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	4.69	1234.036	47429.898	0.325	0.2	-13.4	NO	1.000	NO	bb
2	2 180825M1_3	Standard	0.500	4.69	2583.160	47702.172	0.677	0.5	2.5	NO	1.000	NO	bb
3	3 180825M1_4	Standard	1.000	4.69	4830.482	47170.523	1.280	1.0	2.1	NO	1.000	NO	bb
4	4 180825M1_5	Standard	2.000	4.69	10130.321	47868.559	2.645	2.2	8.5	NO	1.000	NO	bb
5	5 180825M1_6	Standard	5.000	4.69	24117.461	48885.234	6.167	5.1	2.7	NO	1.000	NO	bb
6	6 180825M1_7	Standard	10.000	4.69	44280.266	46756.293	11.838	9.9	-1.0	NO	1.000	NO	bb
7	7 180825M1_8	Standard	50.000	4.69	198689.484	41232.969	60.234	50.4	0.9	NO	1.000	NO	bb
8	8 180825M1_9	Standard	100.000	4.69	373933.375	40669.027	114.932	95.9	-4.1	NO	1.000	NO	bb
9	9 180825M1_10	Standard	250.000	4.69	870181.438	35118.371	309.732	255.2	2.1	NO	1.000	NO	bb
10	10 180825M1_11	Standard	500.000	4.69	1460515.750	29579.148	617.207	498.2	-0.4	NO	1.000	NO	bb

Compound name: PFOSA

Coefficient of Determination: R² = 0.997902

Calibration curve: 2.85671e-005 * x² + 1.05136 * x + -0.00472244

Response type: Internal Std (Ref 46), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	4.74	248.366	10080.725	0.308	0.3	19.0	NO	0.998	NO	bb
2	2 180825M1_3	Standard	0.500	4.75	390.021	10142.077	0.481	0.5	-7.7	NO	0.998	NO	bb
3	3 180825M1_4	Standard	1.000	4.75	890.001	10692.631	1.040	1.0	-0.6	NO	0.998	NO	MM
4	4 180825M1_5	Standard	2.000	4.75	1803.902	10602.994	2.127	2.0	1.4	NO	0.998	NO	bb
5	5 180825M1_6	Standard	5.000	4.75	4499.102	10454.188	5.380	5.1	2.4	NO	0.998	NO	bb
6	6 180825M1_7	Standard	10.000	4.74	8513.864	10822.321	9.834	9.4	-6.4	NO	0.998	NO	MM
7	7 180825M1_8	Standard	50.000	4.74	36731.582	9457.416	48.549	46.1	-7.8	NO	0.998	NO	bb
8	8 180825M1_9	Standard	100.000	4.74	71474.063	8984.134	99.445	94.3	-5.7	NO	0.998	NO	bb
9	9 180825M1_10	Standard	250.000	4.74	169307.625	7490.251	282.547	266.8	6.7	NO	0.998	NO	bb
10	10 180825M1_11	Standard	500.000	4.74	289466.719	6885.889	525.471	493.2	-1.4	NO	0.998	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

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Compound name: L-PFOS

Coefficient of Determination: R² = 0.999307

Calibration curve: 0.00043701 * x² + 0.964414 * x + 0.0441341

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	4.77	87.006	7016.416	0.155	0.1	-54.0	YES	0.999	NO	MMX
2	2 180825M1_3	Standard	0.500	4.78	304.734	6898.175	0.552	0.5	5.3	NO	0.999	NO	MM
3	3 180825M1_4	Standard	1.000	4.78	605.904	7486.159	1.012	1.0	0.3	NO	0.999	NO	MM
4	4 180825M1_5	Standard	2.000	4.78	1283.032	7463.945	2.149	2.2	9.0	NO	0.999	NO	MM
5	5 180825M1_6	Standard	5.000	4.78	3023.281	7577.506	4.987	5.1	2.3	NO	0.999	NO	MM
6	6 180825M1_7	Standard	10.000	4.78	5575.847	7500.849	9.292	9.5	-4.5	NO	0.999	NO	MM
7	7 180825M1_8	Standard	50.000	4.78	25685.387	6544.876	49.056	49.7	-0.6	NO	0.999	NO	MM
8	8 180825M1_9	Standard	100.000	4.78	49948.871	6561.887	95.150	94.6	-5.4	NO	0.999	NO	MM
9	9 180825M1_10	Standard	250.000	4.78	119246.914	5354.635	278.373	258.4	3.3	NO	0.999	NO	MM
10	10 180825M1_11	Standard	500.000	4.78	202694.438	4310.991	587.726	497.3	-0.5	NO	0.999	NO	MM

Compound name: PFDA

Coefficient of Determination: R² = 0.998909

Calibration curve: -1.68153e-005 * x² + 1.21743 * x + 0.104096

Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.07	1362.671	46769.629	0.364	0.2	-14.5	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	5.07	2436.804	46065.539	0.661	0.5	-8.5	NO	0.999	NO	bd
3	3 180825M1_4	Standard	1.000	5.07	5395.149	47458.215	1.421	1.1	8.2	NO	0.999	NO	MM
4	4 180825M1_5	Standard	2.000	5.07	10055.291	47391.449	2.652	2.1	4.7	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	5.07	24334.633	46566.586	6.532	5.3	5.6	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	5.07	45601.742	42012.324	13.568	11.1	10.6	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	5.07	192710.625	40798.773	59.043	48.4	-3.1	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	5.07	369121.625	40397.707	114.215	93.9	-6.1	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	5.07	868931.875	34447.023	315.315	259.8	3.9	NO	0.999	NO	bb
10	10 180825M1_11	Standard	500.000	5.07	1469080.375	30589.879	600.313	496.4	-0.7	NO	0.999	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

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Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.999374$

Calibration curve: $-0.00565394 * x^2 + 1.414 * x + 0.0937769$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.04	217.372	5365.376	0.506	0.3	16.9	NO	0.999	NO	MM
2	2 180825M1_3	Standard	0.500	5.04	310.178	5371.691	0.722	0.4	-11.0	NO	0.999	NO	MM
3	3 180825M1_4	Standard	1.000	5.04	681.502	5453.385	1.562	1.0	4.3	NO	0.999	NO	MM
4	4 180825M1_5	Standard	2.000	5.04	1216.708	5616.086	2.708	1.9	-6.9	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	5.04	3072.461	5588.875	6.872	4.9	-2.2	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	5.04	5965.046	5602.970	13.308	9.7	-2.8	NO	0.999	NO	MM
7	7 180825M1_8	Standard	50.000	5.04	26551.691	5733.683	57.885	51.5	2.9	NO	0.999	NO	MM
8	8 180825M1_9	Standard	100.000	5.04	46562.730	6897.133	84.388	98.1	-1.9	NO	0.999	NO	MM
9	9 180825M1_10	Standard	250.000	5.04	105993.680	8126.755	163.032			NO	0.999	NO	MMXI
10	10 180825M1_11	Standard	500.000	5.04	177415.766	10468.282	211.849			NO	0.999	NO	bdXI

Compound name: PFNS

Coefficient of Determination: $R^2 = 0.999564$

Calibration curve: $0.000187511 * x^2 + 0.764159 * x + 0.0402872$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.14	105.902	7016.416	0.189	0.2	-22.3	NO	1.000	NO	bb
2	2 180825M1_3	Standard	0.500	5.14	243.935	6898.175	0.442	0.5	5.1	NO	1.000	NO	bb
3	3 180825M1_4	Standard	1.000	5.14	522.903	7486.159	0.873	1.1	9.0	NO	1.000	NO	bb
4	4 180825M1_5	Standard	2.000	5.14	968.667	7463.945	1.622	2.1	3.5	NO	1.000	NO	bb
5	5 180825M1_6	Standard	5.000	5.14	2482.101	7577.506	4.095	5.3	6.0	NO	1.000	NO	MM
6	6 180825M1_7	Standard	10.000	5.14	4669.366	7500.849	7.781	10.1	1.1	NO	1.000	NO	MM
7	7 180825M1_8	Standard	50.000	5.14	20397.861	6544.876	38.958	50.3	0.6	NO	1.000	NO	MM
8	8 180825M1_9	Standard	100.000	5.14	39114.469	6561.887	74.511	95.2	-4.8	NO	1.000	NO	MM
9	9 180825M1_10	Standard	250.000	5.14	88960.578	5354.635	207.672	255.7	2.3	NO	1.000	NO	MM
10	10 180825M1_11	Standard	500.000	5.14	147365.859	4310.991	427.297	498.2	-0.4	NO	1.000	NO	MM

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Compound name: L-MeFOSAA

Coefficient of Determination: R² = 0.998420

Calibration curve: $-0.000183868 * x^2 + 1.28749 * x + -0.0389104$

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.22	223.961	11487.185	0.244	0.2	-12.2	NO	0.998	NO	MM
2	2 180825M1_3	Standard	0.500	5.23	595.063	11188.128	0.665	0.5	9.3	NO	0.998	NO	MM
3	3 180825M1_4	Standard	1.000	5.23	1142.530	12186.484	1.172	0.9	-5.9	NO	0.998	NO	MM
4	4 180825M1_5	Standard	2.000	5.22	2484.579	11858.327	2.619	2.1	3.3	NO	0.998	NO	MM
5	5 180825M1_6	Standard	5.000	5.23	6225.148	11681.288	6.661	5.2	4.2	NO	0.998	NO	MM
6	6 180825M1_7	Standard	10.000	5.22	11894.382	12015.514	12.374	9.7	-3.5	NO	0.998	NO	MM
7	7 180825M1_8	Standard	50.000	5.22	52577.117	11104.421	59.185	46.3	-7.4	NO	0.998	NO	MM
8	8 180825M1_9	Standard	100.000	5.22	104169.531	10732.121	121.329	95.6	-4.4	NO	0.998	NO	MM
9	9 180825M1_10	Standard	250.000	5.22	238977.125	9109.117	327.937	264.8	5.9	NO	0.998	NO	MM
10	10 180825M1_11	Standard	500.000	5.22	404629.313	8565.046	590.524	493.5	-1.3	NO	0.998	NO	MM

Compound name: L-EtFOSAA

Coefficient of Determination: R² = 0.998074

Calibration curve: $0.000128744 * x^2 + 0.976058 * x + -0.0397067$

Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.39	194.523	13919.041	0.175	0.2	-12.1	NO	0.998	NO	MM
2	2 180825M1_3	Standard	0.500	5.39	522.264	13062.018	0.500	0.6	10.5	NO	0.998	NO	MM
3	3 180825M1_4	Standard	1.000	5.39	1085.783	12891.792	1.053	1.1	11.9	NO	0.998	NO	MM
4	4 180825M1_5	Standard	2.000	5.39	2175.753	13465.099	2.020	2.1	5.5	NO	0.998	NO	MM
5	5 180825M1_6	Standard	5.000	5.39	5385.532	14200.698	4.741	4.9	-2.1	NO	0.998	NO	MM
6	6 180825M1_7	Standard	10.000	5.39	9978.959	13664.368	9.129	9.4	-6.2	NO	0.998	NO	MM
7	7 180825M1_8	Standard	50.000	5.39	43787.375	11931.609	45.873	46.8	-6.5	NO	0.998	NO	MM
8	8 180825M1_9	Standard	100.000	5.39	81935.664	11046.248	92.719	93.9	-6.1	NO	0.998	NO	MM
9	9 180825M1_10	Standard	250.000	5.39	192509.344	8961.604	268.520	265.8	6.3	NO	0.998	NO	MM
10	10 180825M1_11	Standard	500.000	5.38	325874.250	7932.882	513.487	493.9	-1.2	NO	0.998	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Compound name: PFUdA

Coefficient of Determination: R² = 0.997599

Calibration curve: $-2.06806e-006 * x^2 + 0.935607 * x + 0.110396$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.40	1492.648	54465.238	0.343	0.2	-0.7	NO	0.998	NO	bb
2	2 180825M1_3	Standard	0.500	5.40	2301.484	50853.914	0.566	0.5	-2.7	NO	0.998	NO	bb
3	3 180825M1_4	Standard	1.000	5.40	4571.423	55293.410	1.033	1.0	-1.3	NO	0.998	NO	bb
4	4 180825M1_5	Standard	2.000	5.40	9875.802	55963.727	2.206	2.2	12.0	NO	0.998	NO	bb
5	5 180825M1_6	Standard	5.000	5.40	22081.887	56235.680	4.908	5.1	2.6	NO	0.998	NO	bb
6	6 180825M1_7	Standard	10.000	5.40	40486.992	54412.211	9.301	9.8	-1.8	NO	0.998	NO	bb
7	7 180825M1_8	Standard	50.000	5.40	173012.969	48892.016	44.233	47.2	-5.7	NO	0.998	NO	bb
8	8 180825M1_9	Standard	100.000	5.40	329515.688	47815.254	86.143	92.0	-8.0	NO	0.998	NO	bb
9	9 180825M1_10	Standard	250.000	5.40	741767.750	37034.793	250.362	267.6	7.1	NO	0.998	NO	bb
10	10 180825M1_11	Standard	500.000	5.40	1229057.375	33331.254	460.925	493.1	-1.4	NO	0.998	NO	bb

Compound name: PFDS

Coefficient of Determination: R² = 0.999713

Calibration curve: $0.000173016 * x^2 + 0.917005 * x + 0.0530279$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.45	156.505	7016.416	0.279	0.2	-1.5	NO	1.000	NO	bb
2	2 180825M1_3	Standard	0.500	5.45	298.657	6898.175	0.541	0.5	6.5	NO	1.000	NO	bb
3	3 180825M1_4	Standard	1.000	5.45	542.801	7486.159	0.906	0.9	-7.0	NO	1.000	NO	bb
4	4 180825M1_5	Standard	2.000	5.45	1142.307	7463.945	1.913	2.0	1.4	NO	1.000	NO	bb
5	5 180825M1_6	Standard	5.000	5.45	2934.926	7577.506	4.842	5.2	4.3	NO	1.000	NO	bb
6	6 180825M1_7	Standard	10.000	5.45	5430.393	7500.849	9.050	9.8	-2.1	NO	1.000	NO	bd
7	7 180825M1_8	Standard	50.000	5.45	24308.250	6544.876	46.426	50.1	0.2	NO	1.000	NO	bb
8	8 180825M1_9	Standard	100.000	5.45	47301.969	6561.887	90.107	96.4	-3.6	NO	1.000	NO	bb
9	9 180825M1_10	Standard	250.000	5.45	105105.813	5354.635	245.362	255.2	2.1	NO	1.000	NO	bb

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Compound name: PFDS

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
10	10 180825M1_11	Standard	500.000	5.45	172389.875	4310.991	499.856	498.2	-0.4	NO	1.000	NO	bb

Compound name: PFDoA

Coefficient of Determination: R^2 = 0.998423

Calibration curve: $-3.47143e-005 * x^2 + 1.09278 * x + 0.0282702$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.69	1414.314	55780.484	0.317	0.3	5.7	NO	0.998	NO	MM
2	2 180825M1_3	Standard	0.500	5.69	2548.374	56550.980	0.563	0.5	-2.1	NO	0.998	NO	bd
3	3 180825M1_4	Standard	1.000	5.69	5349.969	58259.910	1.148	1.0	2.5	NO	0.998	NO	bd
4	4 180825M1_5	Standard	2.000	5.69	10947.773	56419.504	2.426	2.2	9.7	NO	0.998	NO	bd
5	5 180825M1_6	Standard	5.000	5.69	24551.123	57762.066	5.313	4.8	-3.3	NO	0.998	NO	MM
6	6 180825M1_7	Standard	10.000	5.69	45984.473	56606.508	10.154	9.3	-7.3	NO	0.998	NO	MM
7	7 180825M1_8	Standard	50.000	5.69	203481.141	48389.852	52.563	48.1	-3.7	NO	0.998	NO	MM
8	8 180825M1_9	Standard	100.000	5.69	399015.281	48731.246	102.351	93.9	-6.1	NO	0.998	NO	MM
9	9 180825M1_10	Standard	250.000	5.69	909112.750	39637.754	286.694	264.5	5.8	NO	0.998	NO	bb
10	10 180825M1_11	Standard	500.000	5.69	1512689.375	35578.469	531.462	494.1	-1.2	NO	0.998	NO	bb

Compound name: N-MeFOSA

Coefficient of Determination: R^2 = 0.999129

Calibration curve: $-5.40052e-005 * x^2 + 0.997561 * x + 0.358081$

Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	1.250	5.76	406.722	40362.734	1.512	1.2	-7.5	NO	0.999	NO	bb
2	2 180825M1_3	Standard	2.500	5.77	735.882	40565.926	2.721	2.4	-5.2	NO	0.999	NO	bb
3	3 180825M1_4	Standard	5.000	5.77	1554.561	40400.258	5.772	5.4	8.6	NO	0.999	NO	bb
4	4 180825M1_5	Standard	10.000	5.76	3255.872	41728.930	11.704	11.4	13.8	NO	0.999	NO	bb
5	5 180825M1_6	Standard	25.000	5.77	7851.388	40882.434	28.807	28.6	14.3	NO	0.999	NO	bb
6	6 180825M1_7	Standard	50.000	5.76	14594.162	40821.469	53.627	53.6	7.1	NO	0.999	NO	bb
7	7 180825M1_8	Standard	250.000	5.76	64882.203	39307.285	247.596	251.3	0.5	NO	0.999	NO	bb

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Compound name: N-MeFOSA

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
8	8 180825M1_9	Standard	500.000	5.76	127416.117	40667.629	469.966	483.4	-3.3	NO	0.999	NO	bb
9	9 180825M1_10	Standard	1250.000	5.76	299144.656	38393.711	1168.725	1256.7	0.5	NO	0.999	NO	bb
10	10 180825M1_11	Standard	2500.000	5.76	496273.688	36782.027	2023.843	2319.8	-7.2	NO	0.999	NO	bbX

Compound name: PFTTrDA

Coefficient of Determination: R² = 0.998011

Calibration curve: $-9.96252e-005 * x^2 + 1.13656 * x + 0.0423914$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	5.94	1478.647	55780.484	0.331	0.3	1.7	NO	0.998	NO	MM
2	2 180825M1_3	Standard	0.500	5.94	2751.018	56550.980	0.608	0.5	-0.5	NO	0.998	NO	bb
3	3 180825M1_4	Standard	1.000	5.94	5537.633	58259.910	1.188	1.0	0.8	NO	0.998	NO	bb
4	4 180825M1_5	Standard	2.000	5.94	11133.028	56419.504	2.467	2.1	6.7	NO	0.998	NO	bb
5	5 180825M1_6	Standard	5.000	5.94	26793.793	57762.066	5.798	5.1	1.3	NO	0.998	NO	bb
6	6 180825M1_7	Standard	10.000	5.94	49701.496	56606.508	10.975	9.6	-3.7	NO	0.998	NO	bb
7	7 180825M1_8	Standard	50.000	5.94	210235.109	48389.852	54.308	47.9	-4.1	NO	0.998	NO	bb
8	8 180825M1_9	Standard	100.000	5.94	407044.000	48731.246	104.410	92.6	-7.4	NO	0.998	NO	bb
9	9 180825M1_10	Standard	250.000	5.94	937802.063	39637.754	295.741	266.4	6.6	NO	0.998	NO	bb
10	10 180825M1_11	Standard	500.000	5.94	1526800.375	35578.469	536.420	493.3	-1.3	NO	0.998	NO	bb

Compound name: PFTeDA

Coefficient of Determination: R² = 0.999104

Calibration curve: $-0.000166649 * x^2 + 1.29343 * x + 0.120523$

Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	6.16	1270.623	36227.949	0.438	0.2	-1.7	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	6.16	2168.061	37266.996	0.727	0.5	-6.2	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	6.16	4244.188	38929.117	1.363	1.0	-3.9	NO	0.999	NO	bb
4	4 180825M1_5	Standard	2.000	6.16	8686.229	37410.762	2.902	2.2	7.6	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	6.16	21692.541	38114.887	7.114	5.4	8.2	NO	0.999	NO	bb

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Compound name: PFTeDA

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
6	6 180825M1_7	Standard	10.000	6.15	39506.133	38433.969	12.849	9.9	-1.5	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	6.15	172862.375	33242.551	65.000	50.5	1.0	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	6.15	335681.063	35034.137	119.769	93.6	-6.4	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	6.16	761730.813	29396.207	323.907	259.0	3.6	NO	0.999	NO	bb
10	10 180825M1_11	Standard	500.000	6.15	1293541.625	26890.797	601.294	496.6	-0.7	NO	0.999	NO	bb

Compound name: N-EtFOSA

Coefficient of Determination: R^2 = 0.999502

Calibration curve: $-2.75571e-005 * x^2 + 0.936004 * x + 0.258395$

Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	1.250	6.18	425.824	49388.109	1.293	1.1	-11.5	NO	1.000	NO	bb
2	2 180825M1_3	Standard	2.500	6.18	788.000	48542.934	2.435	2.3	-7.0	NO	1.000	NO	bb
3	3 180825M1_4	Standard	5.000	6.18	1720.631	50515.547	5.109	5.2	3.7	NO	1.000	NO	MM
4	4 180825M1_5	Standard	10.000	6.18	3457.921	51312.441	10.108	10.5	5.3	NO	1.000	NO	bb
5	5 180825M1_6	Standard	25.000	6.18	8797.368	49834.945	26.480	28.0	12.1	NO	1.000	NO	bb
6	6 180825M1_7	Standard	50.000	6.18	16182.860	51585.074	47.057	50.1	0.1	NO	1.000	NO	bb
7	7 180825M1_8	Standard	250.000	6.18	71830.648	46478.992	231.816	249.2	-0.3	NO	1.000	NO	bb
8	8 180825M1_9	Standard	500.000	6.18	138633.594	47104.469	441.466	478.1	-4.4	NO	1.000	NO	bb
9	9 180825M1_10	Standard	1250.000	6.18	320444.531	41656.836	1153.873	1280.8	2.5	NO	1.000	NO	bb
10	10 180825M1_11	Standard	2500.000	6.18	536733.313	37295.145	2158.726	2488.3	-0.5	NO	1.000	NO	bb

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Compound name: PFHxDA

Coefficient of Determination: R² = 0.999884

Calibration curve: $-0.000167527 * x^2 + 0.655045 * x + 0.086491$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	6.49	802.729	17802.096	0.225	0.2	-15.1	NO	1.000	NO	bb
2	2 180825M1_3	Standard	0.500	6.49	1554.203	18814.943	0.413	0.5	-0.3	NO	1.000	NO	bd
3	3 180825M1_4	Standard	1.000	6.49	2946.452	19371.545	0.761	1.0	2.9	NO	1.000	NO	bb
4	4 180825M1_5	Standard	2.000	6.49	5817.327	19435.889	1.497	2.2	7.7	NO	1.000	NO	bb
5	5 180825M1_6	Standard	5.000	6.49	13643.421	19019.424	3.587	5.4	7.0	NO	1.000	NO	bb
6	6 180825M1_7	Standard	10.000	6.49	24875.824	18873.260	6.590	10.0	-0.5	NO	1.000	NO	bb
7	7 180825M1_8	Standard	50.000	6.49	106085.664	16810.154	31.554	48.6	-2.7	NO	1.000	NO	bb
8	8 180825M1_9	Standard	100.000	6.49	217976.672	16889.730	64.529	101.0	1.0	NO	1.000	NO	bb
9	9 180825M1_10	Standard	250.000	6.49	487925.875	15906.660	153.372	250.0	-0.0	NO	1.000	NO	bb
10	10 180825M1_11	Standard	500.000	6.49	828040.188	14491.854	285.692	499.9	-0.0	NO	1.000	NO	bb

Compound name: PFODA

Coefficient of Determination: R² = 0.999417

Calibration curve: $-0.000192843 * x^2 + 0.82774 * x + 0.0187329$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	0.250	6.72	863.769	17802.096	0.243	0.3	8.2	NO	0.999	NO	bb
2	2 180825M1_3	Standard	0.500	6.72	1668.768	18814.943	0.443	0.5	2.6	NO	0.999	NO	bb
3	3 180825M1_4	Standard	1.000	6.72	3301.751	19371.545	0.852	1.0	0.7	NO	0.999	NO	MM
4	4 180825M1_5	Standard	2.000	6.72	6843.077	19435.889	1.760	2.1	5.3	NO	0.999	NO	bb
5	5 180825M1_6	Standard	5.000	6.72	15841.083	19019.424	4.164	5.0	0.3	NO	0.999	NO	bb
6	6 180825M1_7	Standard	10.000	6.72	29737.666	18873.260	7.878	9.5	-4.8	NO	0.999	NO	bb
7	7 180825M1_8	Standard	50.000	6.72	133937.031	16810.154	39.838	48.7	-2.7	NO	0.999	NO	bb
8	8 180825M1_9	Standard	100.000	6.72	264316.594	16889.730	78.248	96.7	-3.3	NO	0.999	NO	bb
9	9 180825M1_10	Standard	250.000	6.72	641223.688	15906.660	201.558	259.1	3.7	NO	0.999	NO	bb
10	10 180825M1_11	Standard	500.000	6.72	1052075.250	14491.854	362.988	495.8	-0.8	NO	0.999	NO	bb

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Compound name: N-MeFOSE

Coefficient of Determination: R² = 0.999826

Calibration curve: 8.69533e-005 * x² + 0.96708 * x + 0.379389

Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	1.250	6.35	291.877	32525.436	1.346	1.0	-20.0	NO	1.000	NO	bb
2	2 180825M1_3	Standard	2.500	6.36	621.199	32864.008	2.835	2.5	1.6	NO	1.000	NO	bb
3	3 180825M1_4	Standard	5.000	6.36	1172.301	33084.590	5.315	5.1	2.0	NO	1.000	NO	MM
4	4 180825M1_5	Standard	10.000	6.35	2394.620	32789.402	10.955	10.9	9.2	NO	1.000	NO	bb
5	5 180825M1_6	Standard	25.000	6.35	5755.237	33414.426	25.836	26.3	5.0	NO	1.000	NO	bb
6	6 180825M1_7	Standard	50.000	6.35	11075.639	33056.074	50.258	51.3	2.7	NO	1.000	NO	bb
7	7 180825M1_8	Standard	250.000	6.35	51986.977	31215.148	249.816	252.2	0.9	NO	1.000	NO	bb
8	8 180825M1_9	Standard	500.000	6.35	109174.852	32931.242	497.285	492.1	-1.6	NO	1.000	NO	bb
9	9 180825M1_10	Standard	1250.000	6.35	291497.375	32438.771	1347.912	1252.4	0.2	NO	1.000	NO	bb
10	10 180825M1_11	Standard	2500.000	6.35	556072.625	31542.102	2644.430	2270.5	-9.2	NO	1.000	NO	bbX

Compound name: N-EtFOSE

Coefficient of Determination: R² = 0.999708

Calibration curve: 0.000128234 * x² + 1.0882 * x + 0.41178

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	1.250	6.51	323.655	33727.480	1.439	0.9	-24.5	NO	1.000	NO	bb
2	2 180825M1_3	Standard	2.500	6.51	650.673	31748.770	3.074	2.4	-2.2	NO	1.000	NO	MM
3	3 180825M1_4	Standard	5.000	6.51	1321.739	32803.797	6.044	5.2	3.4	NO	1.000	NO	bb
4	4 180825M1_5	Standard	10.000	6.51	2757.054	33507.297	12.342	10.9	9.5	NO	1.000	NO	bb
5	5 180825M1_6	Standard	25.000	6.51	6850.087	33348.363	30.811	27.8	11.4	NO	1.000	NO	bb
6	6 180825M1_7	Standard	50.000	6.51	12612.782	33088.641	57.177	51.8	3.7	NO	1.000	NO	bb
7	7 180825M1_8	Standard	250.000	6.51	58336.691	31212.320	280.354	249.9	-0.0	NO	1.000	NO	bb
8	8 180825M1_9	Standard	500.000	6.51	122467.906	32398.092	567.014	492.1	-1.6	NO	1.000	NO	bb
9	9 180825M1_10	Standard	1250.000	6.51	325883.625	31240.508	1564.717	1252.6	0.2	NO	1.000	NO	bb
10	10 180825M1_11	Standard	2500.000	6.51	608835.813	29783.600	3066.297	2230.9	-10.8	NO	1.000	NO	bbX

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Compound name: 13C3-PFBA

Response Factor: 0.826393

RRF SD: 0.0117149, Relative SD: 1.4176

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	1.28	19998.494	23680.709	10.556	12.8	2.2	NO		NO	bb
2	2 180825M1_3	Standard	12.500	1.28	19121.814	23268.602	10.272	12.4	-0.6	NO		NO	bb
3	3 180825M1_4	Standard	12.500	1.28	20743.502	25067.805	10.344	12.5	0.1	NO		NO	bb
4	4 180825M1_5	Standard	12.500	1.28	20247.439	24942.783	10.147	12.3	-1.8	NO		NO	bb
5	5 180825M1_6	Standard	12.500	1.28	21226.176	25187.389	10.534	12.7	2.0	NO		NO	MM
6	6 180825M1_7	Standard	12.500	1.28	20688.775	25245.125	10.244	12.4	-0.8	NO		NO	bb
7	7 180825M1_8	Standard	12.500	1.28	18940.324	23058.943	10.267	12.4	-0.6	NO		NO	bb
8	8 180825M1_9	Standard	12.500	1.28	19769.238	23577.033	10.481	12.7	1.5	NO		NO	bb
9	9 180825M1_10	Standard	12.500	1.28	18441.494	22676.920	10.165	12.3	-1.6	NO		NO	bb
10	10 180825M1_11	Standard	12.500	1.28	16560.721	20121.697	10.288	12.4	-0.4	NO		NO	bb

Compound name: 13C3-PFPeA

Response Factor: 0.640089

RRF SD: 0.016343, Relative SD: 2.55324

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	2.28	33241.895	49839.055	8.337	13.0	4.2	NO		NO	bb
2	2 180825M1_3	Standard	12.500	2.28	33132.469	52068.172	7.954	12.4	-0.6	NO		NO	bb
3	3 180825M1_4	Standard	12.500	2.28	33816.434	54141.660	7.807	12.2	-2.4	NO		NO	bb
4	4 180825M1_5	Standard	12.500	2.28	33820.297	54412.723	7.769	12.1	-2.9	NO		NO	bb
5	5 180825M1_6	Standard	12.500	2.28	34084.293	52417.742	8.128	12.7	1.6	NO		NO	bb
6	6 180825M1_7	Standard	12.500	2.28	33216.926	54158.086	7.667	12.0	-4.2	NO		NO	bb
7	7 180825M1_8	Standard	12.500	2.28	30300.207	47279.332	8.011	12.5	0.1	NO		NO	bb
8	8 180825M1_9	Standard	12.500	2.28	30324.652	46735.293	8.111	12.7	1.4	NO		NO	bb
9	9 180825M1_10	Standard	12.500	2.28	26063.240	40374.965	8.069	12.6	0.8	NO		NO	bb
10	10 180825M1_11	Standard	12.500	2.28	22582.154	34603.719	8.157	12.7	2.0	NO		NO	bb

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Compound name: 13C3-PFBS

Response Factor: 0.0651425

RRF SD: 0.00219454, Relative SD: 3.36883

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	2.58	3445.955	49839.055	0.864	13.3	6.1	NO		NO	bb
2	2 180825M1_3	Standard	12.500	2.58	3325.544	52068.172	0.798	12.3	-2.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	2.58	3526.256	54141.660	0.814	12.5	-0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	2.58	3545.528	54412.723	0.814	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	2.58	3608.568	52417.742	0.861	13.2	5.7	NO		NO	bb
6	6 180825M1_7	Standard	12.500	2.58	3473.203	54158.086	0.802	12.3	-1.6	NO		NO	bb
7	7 180825M1_8	Standard	12.500	2.58	3076.623	47279.332	0.813	12.5	-0.1	NO		NO	bb
8	8 180825M1_9	Standard	12.500	2.58	3000.121	46735.293	0.802	12.3	-1.5	NO		NO	bb
9	9 180825M1_10	Standard	12.500	2.58	2522.638	40374.965	0.781	12.0	-4.1	NO		NO	bb
10	10 180825M1_11	Standard	12.500	2.58	2194.008	34603.719	0.793	12.2	-2.7	NO		NO	bb

Compound name: 13C2-4:2 FTS

Response Factor: 0.139972

RRF SD: 0.0124378, Relative SD: 8.88593

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	2.99	7030.892	49839.055	1.763	12.6	0.8	NO		NO	bb
2	2 180825M1_3	Standard	12.500	2.99	6825.006	52068.172	1.638	11.7	-6.4	NO		NO	bb
3	3 180825M1_4	Standard	12.500	2.99	7060.958	54141.660	1.630	11.6	-6.8	NO		NO	bb
4	4 180825M1_5	Standard	12.500	2.99	7267.745	54412.723	1.670	11.9	-4.6	NO		NO	bb
5	5 180825M1_6	Standard	12.500	2.99	7199.572	52417.742	1.717	12.3	-1.9	NO		NO	bb
6	6 180825M1_7	Standard	12.500	3.00	7058.676	54158.086	1.629	11.6	-6.9	NO		NO	bb
7	7 180825M1_8	Standard	12.500	2.99	7099.831	47279.332	1.877	13.4	7.3	NO		NO	bb
8	8 180825M1_9	Standard	12.500	2.99	7748.221	46735.293	2.072	14.8	18.4	NO		NO	bb
9	9 180825M1_10	Standard	12.500	2.99	9688.219	40374.965	2.999	21.4	71.4	NO		NO	bbX
10	10 180825M1_11	Standard	12.500	2.99	12578.926	34603.719	4.544	32.5	159.7	NO		NO	bbX

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Compound name: 13C2-PFHxA

Response Factor: 0.967488

RRF SD: 0.0293721, Relative SD: 3.03592

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	5.000	3.08	19681.047	49839.055	4.936	5.1	2.0	NO		NO	bb
2	2 180825M1_3	Standard	5.000	3.08	20132.121	52068.172	4.833	5.0	-0.1	NO		NO	bb
3	3 180825M1_4	Standard	5.000	3.08	20221.125	54141.660	4.669	4.8	-3.5	NO		NO	bb
4	4 180825M1_5	Standard	5.000	3.08	20311.969	54412.723	4.666	4.8	-3.5	NO		NO	bb
5	5 180825M1_6	Standard	5.000	3.08	20414.045	52417.742	4.868	5.0	0.6	NO		NO	bb
6	6 180825M1_7	Standard	5.000	3.08	20135.582	54158.086	4.647	4.8	-3.9	NO		NO	bb
7	7 180825M1_8	Standard	5.000	3.08	18232.393	47279.332	4.820	5.0	-0.4	NO		NO	bb
8	8 180825M1_9	Standard	5.000	3.08	18311.459	46735.293	4.898	5.1	1.2	NO		NO	bb
9	9 180825M1_10	Standard	5.000	3.08	15886.112	40374.965	4.918	5.1	1.7	NO		NO	bb
10	10 180825M1_11	Standard	5.000	3.08	14169.531	34603.719	5.119	5.3	5.8	NO		NO	bb

Compound name: 13C4-PFHpA

Response Factor: 0.585267

RRF SD: 0.0215372, Relative SD: 3.6799

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	3.71	30217.102	49839.055	7.579	12.9	3.6	NO		NO	bb
2	2 180825M1_3	Standard	12.500	3.71	31227.330	52068.172	7.497	12.8	2.5	NO		NO	bb
3	3 180825M1_4	Standard	12.500	3.71	31544.527	54141.660	7.283	12.4	-0.5	NO		NO	bb
4	4 180825M1_5	Standard	12.500	3.71	30114.398	54412.723	6.918	11.8	-5.4	NO		NO	bb
5	5 180825M1_6	Standard	12.500	3.71	32710.547	52417.742	7.800	13.3	6.6	NO		NO	bb
6	6 180825M1_7	Standard	12.500	3.71	31084.766	54158.086	7.175	12.3	-1.9	NO		NO	bb
7	7 180825M1_8	Standard	12.500	3.71	28118.541	47279.332	7.434	12.7	1.6	NO		NO	bb
8	8 180825M1_9	Standard	12.500	3.71	27042.039	46735.293	7.233	12.4	-1.1	NO		NO	bb
9	9 180825M1_10	Standard	12.500	3.71	22547.932	40374.965	6.981	11.9	-4.6	NO		NO	bb
10	10 180825M1_11	Standard	12.500	3.71	20095.918	34603.719	7.259	12.4	-0.8	NO		NO	bd

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Compound name: 18O2-PFHxS

Response Factor: 0.517343

RRF SD: 0.021416, Relative SD: 4.13962

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	3.86	3102.036	5994.866	6.468	12.5	0.0	NO		NO	MM
2	2 180825M1_3	Standard	12.500	3.87	3141.342	5959.455	6.589	12.7	1.9	NO		NO	MM
3	3 180825M1_4	Standard	12.500	3.87	3120.820	6234.935	6.257	12.1	-3.2	NO		NO	MM
4	4 180825M1_5	Standard	12.500	3.87	3185.468	6231.728	6.390	12.4	-1.2	NO		NO	MM
5	5 180825M1_6	Standard	12.500	3.87	3109.469	6319.887	6.150	11.9	-4.9	NO		NO	MM
6	6 180825M1_7	Standard	12.500	3.86	3125.250	6166.924	6.335	12.2	-2.0	NO		NO	MM
7	7 180825M1_8	Standard	12.500	3.86	2958.997	5514.756	6.707	13.0	3.7	NO		NO	MM
8	8 180825M1_9	Standard	12.500	3.87	2761.479	5402.819	6.389	12.3	-1.2	NO		NO	MM
9	9 180825M1_10	Standard	12.500	3.87	2298.064	4555.075	6.306	12.2	-2.5	NO		NO	MM
10	10 180825M1_11	Standard	12.500	3.87	2071.147	3658.068	7.077	13.7	9.4	NO		NO	MM

Compound name: 13C2-6:2 FTS

Response Factor: 0.133632

RRF SD: 0.0132063, Relative SD: 9.88263

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	4.19	7189.710	54990.996	1.634	12.2	-2.2	NO		NO	bb
2	2 180825M1_3	Standard	12.500	4.19	7035.296	54561.387	1.612	12.1	-3.5	NO		NO	bb
3	3 180825M1_4	Standard	12.500	4.19	7162.068	56715.457	1.579	11.8	-5.5	NO		NO	bd
4	4 180825M1_5	Standard	12.500	4.19	7177.481	56384.563	1.591	11.9	-4.7	NO		NO	bb
5	5 180825M1_6	Standard	12.500	4.19	7612.021	57218.746	1.663	12.4	-0.4	NO		NO	bb
6	6 180825M1_7	Standard	12.500	4.19	6807.340	57523.266	1.479	11.1	-11.4	NO		NO	bb
7	7 180825M1_8	Standard	12.500	4.19	7290.515	51004.988	1.787	13.4	7.0	NO		NO	bd
8	8 180825M1_9	Standard	12.500	4.19	7985.438	49451.352	2.019	15.1	20.8	NO		NO	bb
9	9 180825M1_10	Standard	12.500	4.19	10623.472	43362.840	3.062	22.9	83.3	NO		NO	bbX
10	10 180825M1_11	Standard	12.500	4.19	13926.469	36470.168	4.773	35.7	185.8	NO		NO	bdX

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Compound name: 13C2-PFOA

Response Factor: 0.862383

RRF SD: 0.0192316, Relative SD: 2.23006

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	4.24	49274.074	54990.996	11.200	13.0	3.9	NO		NO	MM
2	2 180825M1_3	Standard	12.500	4.24	47775.039	54561.387	10.945	12.7	1.5	NO		NO	MM
3	3 180825M1_4	Standard	12.500	4.24	48304.207	56715.457	10.646	12.3	-1.2	NO		NO	MM
4	4 180825M1_5	Standard	12.500	4.24	49751.418	56384.563	11.029	12.8	2.3	NO		NO	MM
5	5 180825M1_6	Standard	12.500	4.24	47976.961	57218.746	10.481	12.2	-2.8	NO		NO	MM
6	6 180825M1_7	Standard	12.500	4.24	49232.746	57523.266	10.698	12.4	-0.8	NO		NO	MM
7	7 180825M1_8	Standard	12.500	4.24	42489.840	51004.988	10.413	12.1	-3.4	NO		NO	MM
8	8 180825M1_9	Standard	12.500	4.24	42752.910	49451.352	10.807	12.5	0.3	NO		NO	MM
9	9 180825M1_10	Standard	12.500	4.24	37587.918	43362.840	10.835	12.6	0.5	NO		NO	MM
10	10 180825M1_11	Standard	12.500	4.24	31340.223	36470.168	10.742	12.5	-0.4	NO		NO	MM

Compound name: 13C5-PFNA

Response Factor: 0.9601

RRF SD: 0.0133574, Relative SD: 1.39125

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	4.69	47429.898	49040.043	12.090	12.6	0.7	NO		NO	bb
2	2 180825M1_3	Standard	12.500	4.69	47702.172	49243.359	12.109	12.6	0.9	NO		NO	bb
3	3 180825M1_4	Standard	12.500	4.69	47170.523	49402.863	11.935	12.4	-0.6	NO		NO	bb
4	4 180825M1_5	Standard	12.500	4.69	47868.559	50406.000	11.871	12.4	-1.1	NO		NO	bb
5	5 180825M1_6	Standard	12.500	4.69	48885.234	49381.113	12.374	12.9	3.1	NO		NO	bb
6	6 180825M1_7	Standard	12.500	4.69	46756.293	49272.086	11.862	12.4	-1.2	NO		NO	bb
7	7 180825M1_8	Standard	12.500	4.69	41232.969	43523.379	11.842	12.3	-1.3	NO		NO	bb
8	8 180825M1_9	Standard	12.500	4.69	40669.027	42780.391	11.883	12.4	-1.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	4.69	35118.371	36738.730	11.949	12.4	-0.4	NO		NO	bb
10	10 180825M1_11	Standard	12.500	4.69	29579.148	30562.049	12.098	12.6	0.8	NO		NO	bb

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Compound name: 13C8-PFOSA

Response Factor: 0.195799

RRF SD: 0.0107516, Relative SD: 5.49115

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	4.74	10080.725	54926.430	2.294	11.7	-6.3	NO		NO	bb
2	2 180825M1_3	Standard	12.500	4.75	10142.077	49835.133	2.544	13.0	3.9	NO		NO	bb
3	3 180825M1_4	Standard	12.500	4.75	10692.631	56134.664	2.381	12.2	-2.7	NO		NO	MM
4	4 180825M1_5	Standard	12.500	4.74	10602.994	55908.285	2.371	12.1	-3.1	NO		NO	bb
5	5 180825M1_6	Standard	12.500	4.74	10454.188	55933.047	2.336	11.9	-4.5	NO		NO	bb
6	6 180825M1_7	Standard	12.500	4.74	10822.321	55550.164	2.435	12.4	-0.5	NO		NO	MM
7	7 180825M1_8	Standard	12.500	4.74	9457.416	48734.691	2.426	12.4	-0.9	NO		NO	bb
8	8 180825M1_9	Standard	12.500	4.74	8984.134	45592.617	2.463	12.6	0.6	NO		NO	bb
9	9 180825M1_10	Standard	12.500	4.74	7490.251	38193.918	2.451	12.5	0.2	NO		NO	bb
10	10 180825M1_11	Standard	12.500	4.74	6885.889	31036.090	2.773	14.2	13.3	NO		NO	MM

Compound name: 13C8-PFOS

Response Factor: 1.06273

RRF SD: 0.0496445, Relative SD: 4.67142

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	4.77	7016.416	6716.918	13.057	12.3	-1.7	NO		NO	MM
2	2 180825M1_3	Standard	12.500	4.78	6898.175	6814.601	12.653	11.9	-4.7	NO		NO	MM
3	3 180825M1_4	Standard	12.500	4.78	7486.159	6662.014	14.046	13.2	5.7	NO		NO	MM
4	4 180825M1_5	Standard	12.500	4.78	7463.945	7053.008	13.228	12.4	-0.4	NO		NO	MM
5	5 180825M1_6	Standard	12.500	4.78	7577.506	6904.807	13.718	12.9	3.3	NO		NO	MM
6	6 180825M1_7	Standard	12.500	4.77	7500.849	6801.880	13.785	13.0	3.8	NO		NO	MM
7	7 180825M1_8	Standard	12.500	4.77	6544.876	6219.460	13.154	12.4	-1.0	NO		NO	MM
8	8 180825M1_9	Standard	12.500	4.77	6561.887	5903.219	13.895	13.1	4.6	NO		NO	MM
9	9 180825M1_10	Standard	12.500	4.78	5354.635	5037.450	13.287	12.5	0.0	NO		NO	MM
10	10 180825M1_11	Standard	12.500	4.78	4310.991	4484.043	12.018	11.3	-9.5	NO		NO	MM

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Compound name: 13C2-PFDA

Response Factor: 0.943317

RRF SD: 0.0469023, Relative SD: 4.97206

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	5.07	46769.629	48053.082	12.166	12.9	3.2	NO		NO	bb
2	2 180825M1_3	Standard	12.500	5.07	46065.539	49194.031	11.705	12.4	-0.7	NO		NO	bb
3	3 180825M1_4	Standard	12.500	5.07	47458.215	50072.887	11.847	12.6	0.5	NO		NO	MM
4	4 180825M1_5	Standard	12.500	5.07	47391.449	50382.570	11.758	12.5	-0.3	NO		NO	bb
5	5 180825M1_6	Standard	12.500	5.07	46566.586	47437.191	12.271	13.0	4.1	NO		NO	bb
6	6 180825M1_7	Standard	12.500	5.07	42012.324	50689.594	10.360	11.0	-12.1	NO		NO	bb
7	7 180825M1_8	Standard	12.500	5.07	40798.773	44534.684	11.451	12.1	-2.9	NO		NO	bb
8	8 180825M1_9	Standard	12.500	5.07	40397.707	41078.773	12.293	13.0	4.3	NO		NO	bb
9	9 180825M1_10	Standard	12.500	5.07	34447.023	36705.762	11.731	12.4	-0.5	NO		NO	bb
10	10 180825M1_11	Standard	12.500	5.07	30589.879	31005.371	12.332	13.1	4.6	NO		NO	MM

Compound name: 13C2-8:2 FTS

Response Factor: 0.104843

RRF SD: 0.0149284, Relative SD: 14.2389

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	5.04	5365.376	54990.996	1.220	11.6	-6.9	NO		NO	MM
2	2 180825M1_3	Standard	12.500	5.04	5371.691	54561.387	1.231	11.7	-6.1	NO		NO	MM
3	3 180825M1_4	Standard	12.500	5.04	5453.385	56715.457	1.202	11.5	-8.3	NO		NO	MM
4	4 180825M1_5	Standard	12.500	5.04	5616.086	56384.563	1.245	11.9	-5.0	NO		NO	MM
5	5 180825M1_6	Standard	12.500	5.04	5588.875	57218.746	1.221	11.6	-6.8	NO		NO	bb
6	6 180825M1_7	Standard	12.500	5.04	5602.970	57523.266	1.218	11.6	-7.1	NO		NO	MM
7	7 180825M1_8	Standard	12.500	5.04	5733.683	51004.988	1.405	13.4	7.2	NO		NO	MM
8	8 180825M1_9	Standard	12.500	5.04	6897.133	49451.352	1.743	16.6	33.0	NO		NO	MM
9	9 180825M1_10	Standard	12.500	5.04	8126.755	43362.840	2.343	22.3	78.8	NO		NO	MMX
10	10 180825M1_11	Standard	12.500	5.04	10468.282	36470.168	3.588	34.2	173.8	NO		NO	bbX

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Compound name: d3-N-MeFOSAA

Response Factor: 0.22657

RRF SD: 0.0202458, Relative SD: 8.93582

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	5.22	11487.185	54926.430	2.614	11.5	-7.7	NO		NO	MM
2	2 180825M1_3	Standard	12.500	5.22	11188.128	49835.133	2.806	12.4	-0.9	NO		NO	MM
3	3 180825M1_4	Standard	12.500	5.22	12186.484	56134.664	2.714	12.0	-4.2	NO		NO	MM
4	4 180825M1_5	Standard	12.500	5.22	11858.327	55908.285	2.651	11.7	-6.4	NO		NO	MM
5	5 180825M1_6	Standard	12.500	5.22	11681.288	55933.047	2.611	11.5	-7.8	NO		NO	MM
6	6 180825M1_7	Standard	12.500	5.22	12015.514	55550.164	2.704	11.9	-4.5	NO		NO	MM
7	7 180825M1_8	Standard	12.500	5.22	11104.421	48734.691	2.848	12.6	0.6	NO		NO	MM
8	8 180825M1_9	Standard	12.500	5.22	10732.121	45592.617	2.942	13.0	3.9	NO		NO	MM
9	9 180825M1_10	Standard	12.500	5.22	9109.117	38193.918	2.981	13.2	5.3	NO		NO	MM
10	10 180825M1_11	Standard	12.500	5.22	8565.046	31036.090	3.450	15.2	21.8	NO		NO	MM

Compound name: 13C2-PFUdA

Response Factor: 1.00786

RRF SD: 0.0321845, Relative SD: 3.19337

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	5.40	54465.238	54926.430	12.395	12.3	-1.6	NO		NO	bb
2	2 180825M1_3	Standard	12.500	5.40	50853.914	49835.133	12.756	12.7	1.2	NO		NO	bb
3	3 180825M1_4	Standard	12.500	5.40	55293.410	56134.664	12.313	12.2	-2.3	NO		NO	bb
4	4 180825M1_5	Standard	12.500	5.40	55963.727	55908.285	12.512	12.4	-0.7	NO		NO	bb
5	5 180825M1_6	Standard	12.500	5.40	56235.680	55933.047	12.568	12.5	-0.2	NO		NO	bb
6	6 180825M1_7	Standard	12.500	5.40	54412.211	55550.164	12.244	12.1	-2.8	NO		NO	bb
7	7 180825M1_8	Standard	12.500	5.40	48892.016	48734.691	12.540	12.4	-0.5	NO		NO	bb
8	8 180825M1_9	Standard	12.500	5.40	47815.254	45592.617	13.109	13.0	4.1	NO		NO	bb
9	9 180825M1_10	Standard	12.500	5.40	37034.793	38193.918	12.121	12.0	-3.8	NO		NO	bb
10	10 180825M1_11	Standard	12.500	5.40	33331.254	31036.090	13.424	13.3	6.6	NO		NO	bb

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Compound name: d5-N-EtFOSAA

Response Factor: 0.246323

RRF SD: 0.0100316, Relative SD: 4.07253

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	5.38	13919.041	54926.430	3.168	12.9	2.9	NO		NO	MM
2	2 180825M1_3	Standard	12.500	5.38	13062.018	49835.133	3.276	13.3	6.4	NO		NO	MM
3	3 180825M1_4	Standard	12.500	5.38	12891.792	56134.664	2.871	11.7	-6.8	NO		NO	MM
4	4 180825M1_5	Standard	12.500	5.38	13465.099	55908.285	3.011	12.2	-2.2	NO		NO	MM
5	5 180825M1_6	Standard	12.500	5.38	14200.698	55933.047	3.174	12.9	3.1	NO		NO	MM
6	6 180825M1_7	Standard	12.500	5.38	13664.368	55550.164	3.075	12.5	-0.1	NO		NO	MM
7	7 180825M1_8	Standard	12.500	5.38	11931.609	48734.691	3.060	12.4	-0.6	NO		NO	MM
8	8 180825M1_9	Standard	12.500	5.38	11046.248	45592.617	3.029	12.3	-1.6	NO		NO	bb
9	9 180825M1_10	Standard	12.500	5.38	8961.604	38193.918	2.933	11.9	-4.7	NO		NO	bb
10	10 180825M1_11	Standard	12.500	5.37	7932.882	31036.090	3.195	13.0	3.8	NO		NO	bb

Compound name: 13C2-PFDoA

Response Factor: 1.14283

RRF SD: 0.0430038, Relative SD: 3.76292

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	5.69	55780.484	48053.082	14.510	12.7	1.6	NO		NO	bb
2	2 180825M1_3	Standard	12.500	5.69	56550.980	49194.031	14.369	12.6	0.6	NO		NO	bb
3	3 180825M1_4	Standard	12.500	5.69	58259.910	50072.887	14.544	12.7	1.8	NO		NO	bb
4	4 180825M1_5	Standard	12.500	5.69	56419.504	50382.570	13.998	12.2	-2.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	5.69	57762.066	47437.191	15.221	13.3	6.5	NO		NO	bb
6	6 180825M1_7	Standard	12.500	5.69	56606.508	50689.594	13.959	12.2	-2.3	NO		NO	bb
7	7 180825M1_8	Standard	12.500	5.69	48389.852	44534.684	13.582	11.9	-4.9	NO		NO	bb
8	8 180825M1_9	Standard	12.500	5.69	48731.246	41078.773	14.829	13.0	3.8	NO		NO	bb
9	9 180825M1_10	Standard	12.500	5.69	39637.754	36705.762	13.498	11.8	-5.5	NO		NO	bb
10	10 180825M1_11	Standard	12.500	5.69	35578.469	31005.371	14.344	12.6	0.4	NO		NO	bb

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Compound name: d3-N-MeFOSA

Response Factor: 0.066523

RRF SD: 0.00798083, Relative SD: 11.9971

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	150.000	5.79	40362.734	54926.430	9.186	138.1	-7.9	NO		NO	bb
2	2 180825M1_3	Standard	150.000	5.79	40565.926	49835.133	10.175	153.0	2.0	NO		NO	bb
3	3 180825M1_4	Standard	150.000	5.79	40400.258	56134.664	8.996	135.2	-9.8	NO		NO	bb
4	4 180825M1_5	Standard	150.000	5.79	41728.930	55908.285	9.330	140.2	-6.5	NO		NO	bb
5	5 180825M1_6	Standard	150.000	5.79	40882.434	55933.047	9.136	137.3	-8.4	NO		NO	bb
6	6 180825M1_7	Standard	150.000	5.78	40821.469	55550.164	9.186	138.1	-7.9	NO		NO	bb
7	7 180825M1_8	Standard	150.000	5.78	39307.285	48734.691	10.082	151.6	1.0	NO		NO	bb
8	8 180825M1_9	Standard	150.000	5.79	40667.629	45592.617	11.150	167.6	11.7	NO		NO	bb
9	9 180825M1_10	Standard	150.000	5.79	38393.711	38193.918	12.565	188.9	25.9	NO		NO	bb
10	10 180825M1_11	Standard	150.000	5.79	36782.027	31036.090	14.814	222.7	48.5	NO		NO	bbX

Compound name: 13C2-PFTeDA

Response Factor: 0.722996

RRF SD: 0.0646276, Relative SD: 8.93886

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	6.15	36227.949	54926.430	8.245	11.4	-8.8	NO		NO	bb
2	2 180825M1_3	Standard	12.500	6.16	37266.996	49835.133	9.348	12.9	3.4	NO		NO	bb
3	3 180825M1_4	Standard	12.500	6.16	38929.117	56134.664	8.669	12.0	-4.1	NO		NO	bb
4	4 180825M1_5	Standard	12.500	6.16	37410.762	55908.285	8.364	11.6	-7.4	NO		NO	bb
5	5 180825M1_6	Standard	12.500	6.16	38114.887	55933.047	8.518	11.8	-5.7	NO		NO	bb
6	6 180825M1_7	Standard	12.500	6.15	38433.969	55550.164	8.648	12.0	-4.3	NO		NO	bb
7	7 180825M1_8	Standard	12.500	6.15	33242.551	48734.691	8.526	11.8	-5.7	NO		NO	bb
8	8 180825M1_9	Standard	12.500	6.15	35034.137	45592.617	9.605	13.3	6.3	NO		NO	bb
9	9 180825M1_10	Standard	12.500	6.15	29396.207	38193.918	9.621	13.3	6.5	NO		NO	bb
10	10 180825M1_11	Standard	12.500	6.15	26890.797	31036.090	10.830	15.0	19.8	NO		NO	bb

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Compound name: d5-N-ETFOSA

Response Factor: 0.0815812

RRF SD: 0.00843963, Relative SD: 10.3451

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	150.000	6.20	49388.109	54926.430	11.240	137.8	-8.2	NO		NO	bb
2	2 180825M1_3	Standard	150.000	6.21	48542.934	49835.133	12.176	149.2	-0.5	NO		NO	bb
3	3 180825M1_4	Standard	150.000	6.20	50515.547	56134.664	11.249	137.9	-8.1	NO		NO	bb
4	4 180825M1_5	Standard	150.000	6.20	51312.441	55908.285	11.472	140.6	-6.2	NO		NO	bb
5	5 180825M1_6	Standard	150.000	6.20	49834.945	55933.047	11.137	136.5	-9.0	NO		NO	bb
6	6 180825M1_7	Standard	150.000	6.20	51585.074	55550.164	11.608	142.3	-5.1	NO		NO	bb
7	7 180825M1_8	Standard	150.000	6.20	46478.992	48734.691	11.921	146.1	-2.6	NO		NO	MM
8	8 180825M1_9	Standard	150.000	6.20	47104.469	45592.617	12.915	158.3	5.5	NO		NO	bb
9	9 180825M1_10	Standard	150.000	6.21	41656.836	38193.918	13.633	167.1	11.4	NO		NO	bb
10	10 180825M1_11	Standard	150.000	6.21	37295.145	31036.090	15.021	184.1	22.7	NO		NO	bb

Compound name: 13C2-PFHxDA

Response Factor: 0.91824

RRF SD: 0.109315, Relative SD: 11.9048

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	5.000	6.49	17802.096	54926.430	4.051	4.4	-11.8	NO		NO	bb
2	2 180825M1_3	Standard	5.000	6.49	18814.943	49835.133	4.719	5.1	2.8	NO		NO	bb
3	3 180825M1_4	Standard	5.000	6.49	19371.545	56134.664	4.314	4.7	-6.0	NO		NO	bb
4	4 180825M1_5	Standard	5.000	6.49	19435.889	55908.285	4.345	4.7	-5.4	NO		NO	bb
5	5 180825M1_6	Standard	5.000	6.49	19019.424	55933.047	4.250	4.6	-7.4	NO		NO	bb
6	6 180825M1_7	Standard	5.000	6.49	18873.260	55550.164	4.247	4.6	-7.5	NO		NO	bb
7	7 180825M1_8	Standard	5.000	6.49	16810.154	48734.691	4.312	4.7	-6.1	NO		NO	bb
8	8 180825M1_9	Standard	5.000	6.49	16889.730	45592.617	4.631	5.0	0.9	NO		NO	bb
9	9 180825M1_10	Standard	5.000	6.49	15906.660	38193.918	5.206	5.7	13.4	NO		NO	bb
10	10 180825M1_11	Standard	5.000	6.49	14491.854	31036.090	5.837	6.4	27.1	NO		NO	bb

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Compound name: d7-N-MeFOSE

Response Factor: 0.0540007

RRF SD: 0.00733238, Relative SD: 13.5783

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	150.000	6.35	32525.436	54926.430	7.402	137.1	-8.6	NO		NO	bb
2	2 180825M1_3	Standard	150.000	6.35	32864.008	49835.133	8.243	152.6	1.8	NO		NO	bb
3	3 180825M1_4	Standard	150.000	6.35	33084.590	56134.664	7.367	136.4	-9.0	NO		NO	bb
4	4 180825M1_5	Standard	150.000	6.35	32789.402	55908.285	7.331	135.8	-9.5	NO		NO	bb
5	5 180825M1_6	Standard	150.000	6.35	33414.426	55933.047	7.468	138.3	-7.8	NO		NO	bb
6	6 180825M1_7	Standard	150.000	6.35	33056.074	55550.164	7.438	137.7	-8.2	NO		NO	bb
7	7 180825M1_8	Standard	150.000	6.35	31215.148	48734.691	8.006	148.3	-1.2	NO		NO	bb
8	8 180825M1_9	Standard	150.000	6.35	32931.242	45592.617	9.029	167.2	11.5	NO		NO	bb
9	9 180825M1_10	Standard	150.000	6.35	32438.771	38193.918	10.616	196.6	31.1	NO		NO	MM
10	10 180825M1_11	Standard	150.000	6.35	31542.102	31036.090	12.704	235.3	56.8	NO		NO	bbX

Compound name: d9-N-EtFOSE

Response Factor: 0.0536639

RRF SD: 0.00630675, Relative SD: 11.7523

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	150.000	6.50	33727.480	54926.430	7.676	143.0	-4.6	NO		NO	bb
2	2 180825M1_3	Standard	150.000	6.50	31748.770	49835.133	7.963	148.4	-1.1	NO		NO	bb
3	3 180825M1_4	Standard	150.000	6.50	32803.797	56134.664	7.305	136.1	-9.3	NO		NO	bb
4	4 180825M1_5	Standard	150.000	6.50	33507.297	55908.285	7.492	139.6	-6.9	NO		NO	bb
5	5 180825M1_6	Standard	150.000	6.50	33348.363	55933.047	7.453	138.9	-7.4	NO		NO	bb
6	6 180825M1_7	Standard	150.000	6.50	33088.641	55550.164	7.446	138.7	-7.5	NO		NO	bb
7	7 180825M1_8	Standard	150.000	6.50	31212.320	48734.691	8.006	149.2	-0.5	NO		NO	bb
8	8 180825M1_9	Standard	150.000	6.50	32398.092	45592.617	8.882	165.5	10.3	NO		NO	bb
9	9 180825M1_10	Standard	150.000	6.50	31240.508	38193.918	10.224	190.5	27.0	NO		NO	bb
10	10 180825M1_11	Standard	150.000	6.50	29783.600	31036.090	11.996	223.5	49.0	NO		NO	bbX

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Compound name: 13C4-PFBA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	1.28	23680.709	23680.709	12.500	12.5	0.0	NO		NO	bb
2	2 180825M1_3	Standard	12.500	1.29	23268.602	23268.602	12.500	12.5	0.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	1.28	25067.805	25067.805	12.500	12.5	0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	1.28	24942.783	24942.783	12.500	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	1.29	25187.389	25187.389	12.500	12.5	0.0	NO		NO	bb
6	6 180825M1_7	Standard	12.500	1.28	25245.125	25245.125	12.500	12.5	0.0	NO		NO	bb
7	7 180825M1_8	Standard	12.500	1.29	23058.943	23058.943	12.500	12.5	0.0	NO		NO	bb
8	8 180825M1_9	Standard	12.500	1.28	23577.033	23577.033	12.500	12.5	0.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	1.29	22676.920	22676.920	12.500	12.5	0.0	NO		NO	MM
10	10 180825M1_11	Standard	12.500	1.28	20121.697	20121.697	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	3.08	49839.055	49839.055	12.500	12.5	0.0	NO		NO	bb
2	2 180825M1_3	Standard	12.500	3.08	52068.172	52068.172	12.500	12.5	0.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	3.08	54141.660	54141.660	12.500	12.5	0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	3.08	54412.723	54412.723	12.500	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	3.08	52417.742	52417.742	12.500	12.5	0.0	NO		NO	bb
6	6 180825M1_7	Standard	12.500	3.08	54158.086	54158.086	12.500	12.5	0.0	NO		NO	bb
7	7 180825M1_8	Standard	12.500	3.08	47279.332	47279.332	12.500	12.5	0.0	NO		NO	bb
8	8 180825M1_9	Standard	12.500	3.08	46735.293	46735.293	12.500	12.5	0.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	3.08	40374.965	40374.965	12.500	12.5	0.0	NO		NO	bb
10	10 180825M1_11	Standard	12.500	3.08	34603.719	34603.719	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C3-PFHxS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	180825M1_2	Standard	12.500	3.86	5994.866	5994.866	12.500	12.5	0.0	NO		NO	bb
2	2	180825M1_3	Standard	12.500	3.87	5959.455	5959.455	12.500	12.5	0.0	NO		NO	bb
3	3	180825M1_4	Standard	12.500	3.87	6234.935	6234.935	12.500	12.5	0.0	NO		NO	bb
4	4	180825M1_5	Standard	12.500	3.87	6231.728	6231.728	12.500	12.5	0.0	NO		NO	bb
5	5	180825M1_6	Standard	12.500	3.87	6319.887	6319.887	12.500	12.5	0.0	NO		NO	bb
6	6	180825M1_7	Standard	12.500	3.87	6166.924	6166.924	12.500	12.5	0.0	NO		NO	bb
7	7	180825M1_8	Standard	12.500	3.86	5514.756	5514.756	12.500	12.5	0.0	NO		NO	bb
8	8	180825M1_9	Standard	12.500	3.87	5402.819	5402.819	12.500	12.5	0.0	NO		NO	bb
9	9	180825M1_10	Standard	12.500	3.87	4555.075	4555.075	12.500	12.5	0.0	NO		NO	bb
10	10	180825M1_11	Standard	12.500	3.87	3658.068	3658.068	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C8-PFOA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	180825M1_2	Standard	12.500	4.24	54990.996	54990.996	12.500	12.5	0.0	NO		NO	bb
2	2	180825M1_3	Standard	12.500	4.24	54561.387	54561.387	12.500	12.5	0.0	NO		NO	bb
3	3	180825M1_4	Standard	12.500	4.24	56715.457	56715.457	12.500	12.5	0.0	NO		NO	bb
4	4	180825M1_5	Standard	12.500	4.24	56384.563	56384.563	12.500	12.5	0.0	NO		NO	bb
5	5	180825M1_6	Standard	12.500	4.24	57218.746	57218.746	12.500	12.5	0.0	NO		NO	bb
6	6	180825M1_7	Standard	12.500	4.24	57523.266	57523.266	12.500	12.5	0.0	NO		NO	bb
7	7	180825M1_8	Standard	12.500	4.24	51004.988	51004.988	12.500	12.5	0.0	NO		NO	bb
8	8	180825M1_9	Standard	12.500	4.24	49451.352	49451.352	12.500	12.5	0.0	NO		NO	bb
9	9	180825M1_10	Standard	12.500	4.24	43362.840	43362.840	12.500	12.5	0.0	NO		NO	bb
10	10	180825M1_11	Standard	12.500	4.24	36470.168	36470.168	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C9-PFNA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	4.69	49040.043	49040.043	12.500	12.5	0.0	NO		NO	bb
2	2 180825M1_3	Standard	12.500	4.69	49243.359	49243.359	12.500	12.5	0.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	4.69	49402.863	49402.863	12.500	12.5	0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	4.69	50406.000	50406.000	12.500	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	4.69	49381.113	49381.113	12.500	12.5	0.0	NO		NO	bb
6	6 180825M1_7	Standard	12.500	4.69	49272.086	49272.086	12.500	12.5	0.0	NO		NO	bb
7	7 180825M1_8	Standard	12.500	4.69	43523.379	43523.379	12.500	12.5	0.0	NO		NO	bb
8	8 180825M1_9	Standard	12.500	4.69	42780.391	42780.391	12.500	12.5	0.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	4.69	36738.730	36738.730	12.500	12.5	0.0	NO		NO	bb
10	10 180825M1_11	Standard	12.500	4.69	30562.049	30562.049	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	4.78	6716.918	6716.918	12.500	12.5	0.0	NO		NO	bb
2	2 180825M1_3	Standard	12.500	4.78	6814.601	6814.601	12.500	12.5	0.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	4.78	6662.014	6662.014	12.500	12.5	0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	4.78	7053.008	7053.008	12.500	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	4.78	6904.807	6904.807	12.500	12.5	0.0	NO		NO	bb
6	6 180825M1_7	Standard	12.500	4.78	6801.880	6801.880	12.500	12.5	0.0	NO		NO	bb
7	7 180825M1_8	Standard	12.500	4.77	6219.460	6219.460	12.500	12.5	0.0	NO		NO	bb
8	8 180825M1_9	Standard	12.500	4.78	5903.219	5903.219	12.500	12.5	0.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	4.78	5037.450	5037.450	12.500	12.5	0.0	NO		NO	bb
10	10 180825M1_11	Standard	12.500	4.78	4484.043	4484.043	12.500	12.5	0.0	NO		NO	bd

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:56:38 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:57:48 Pacific Daylight Time

Compound name: 13C6-PFDA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	5.07	48053.082	48053.082	12.500	12.5	0.0	NO		NO	bb
2	2 180825M1_3	Standard	12.500	5.07	49194.031	49194.031	12.500	12.5	0.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	5.07	50072.887	50072.887	12.500	12.5	0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	5.07	50382.570	50382.570	12.500	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	5.07	47437.191	47437.191	12.500	12.5	0.0	NO		NO	bb
6	6 180825M1_7	Standard	12.500	5.07	50689.594	50689.594	12.500	12.5	0.0	NO		NO	bb
7	7 180825M1_8	Standard	12.500	5.07	44534.684	44534.684	12.500	12.5	0.0	NO		NO	bb
8	8 180825M1_9	Standard	12.500	5.07	41078.773	41078.773	12.500	12.5	0.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	5.07	36705.762	36705.762	12.500	12.5	0.0	NO		NO	bb
10	10 180825M1_11	Standard	12.500	5.07	31005.371	31005.371	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C7-PFUdA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180825M1_2	Standard	12.500	5.40	54926.430	54926.430	12.500	12.5	0.0	NO		NO	bb
2	2 180825M1_3	Standard	12.500	5.40	49835.133	49835.133	12.500	12.5	0.0	NO		NO	bb
3	3 180825M1_4	Standard	12.500	5.40	56134.664	56134.664	12.500	12.5	0.0	NO		NO	bb
4	4 180825M1_5	Standard	12.500	5.40	55908.285	55908.285	12.500	12.5	0.0	NO		NO	bb
5	5 180825M1_6	Standard	12.500	5.40	55933.047	55933.047	12.500	12.5	0.0	NO		NO	bb
6	6 180825M1_7	Standard	12.500	5.40	55550.164	55550.164	12.500	12.5	0.0	NO		NO	bb
7	7 180825M1_8	Standard	12.500	5.40	48734.691	48734.691	12.500	12.5	0.0	NO		NO	bb
8	8 180825M1_9	Standard	12.500	5.40	45592.617	45592.617	12.500	12.5	0.0	NO		NO	bb
9	9 180825M1_10	Standard	12.500	5.40	38193.918	38193.918	12.500	12.5	0.0	NO		NO	bb
10	10 180825M1_11	Standard	12.500	5.40	31036.090	31036.090	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:56:38 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:59:44 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Name: 180825M1_2, Date: 25-Aug-2018, Time: 13:42:57, ID: ST180825M1-1 PFC CS-2 18H2102, Description: PFC CS-2 18H2102

#	Name	IS#	CoD	CoD Flag	%RSD
1	1 PFBA	36	0.9986	NO	
2	2 PFPeA	37	0.9995	NO	
3	3 PFBS	38	0.9990	NO	
4	4 4:2 FTS	39	0.9992	NO	
5	5 PFHxA	40	0.9992	NO	
6	6 PFPeS	38	0.9988	NO	
7	7 PFHpA	41	0.9985	NO	
8	8 L-PFHxS	42	0.9975	NO	
9	10 6:2 FTS	43	0.9994	NO	
10	11 L-PFOA	44	0.9994	NO	
11	13 PFHpS	47	0.9995	NO	
12	14 PFNA	45	0.9997	NO	
13	15 PFOSA	46	0.9979	NO	
14	16 L-PFOS	47	0.9993	NO	
15	18 PFDA	48	0.9989	NO	
16	19 8:2 FTS	49	0.9994	NO	
17	20 PFNS	47	0.9996	NO	
18	21 L-MeFOSAA	50	0.9984	NO	
19	23 L-EtFOSAA	52	0.9981	NO	

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:56:38 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:59:50 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:56:38

Name: 180825M1_2, Date: 25-Aug-2018, Time: 13:42:57, ID: ST180825M1-1 PFC CS-2 18H2102, Description: PFC CS-2 18H2102

#	Name	IS#	CoD	CoD Flag	%RSD
1	25 PFUdA	51	0.9976	NO	
2	26 PFDS	47	0.9997	NO	
3	27 PFDoA	53	0.9984	NO	
4	28 N-MeFOSA	54	0.9991	NO	
5	29 PFTrDA	53	0.9980	NO	
6	30 PFTeDA	55	0.9991	NO	
7	31 N-EtFOSA	56	0.9995	NO	
8	32 PFHxDA	57	0.9999	NO	
9	33 PFODA	57	0.9994	NO	
10	34 N-MeFOSE	58	0.9998	NO	
11	35 N-EtFOSE	59	0.9997	NO	
12	36 13C3-PFBA	60		NO	1.418
13	37 13C3-PFPeA	61		NO	2.553
14	38 13C3-PFBS	61		NO	3.369
15	39 13C2-4:2 FTS	61		NO	8.886
16	40 13C2-PFHxA	61		NO	3.036
17	41 13C4-PFHpA	61		NO	3.680
18	42 18O2-PFHxS	62		NO	4.140
19	43 13C2-6:2 FTS	63		NO	9.883
20	44 13C2-PFOA	63		NO	2.230
21	45 13C5-PFNA	64		NO	1.391
22	46 13C8-PFOSA	67		NO	5.491
23	47 13C8-PFOS	65		NO	4.671
24	48 13C2-PFDA	66		NO	4.972
25	49 13C2-8:2 FTS	63		NO	14.239
26	50 d3-N-MeFOSAA	67		NO	8.936
27	51 13C2-PFUdA	67		NO	3.193
28	52 d5-N-EtFOSAA	67		NO	4.073
29	53 13C2-PFDoA	66		NO	3.763
30	54 d3-N-MeFOSA	67		NO	11.997
31	55 13C2-PFTeDA	67		NO	8.939

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:56:38 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:59:50 Pacific Daylight Time

Name: 180825M1_2, Date: 25-Aug-2018, Time: 13:42:57, ID: ST180825M1-1 PFC CS-2 18H2102, Description: PFC CS-2 18H2102

	# Name	IS#	CoD	CoD Flag	%RSD
32	56 d5-N-ETFOSA	67		NO	10.345
33	57 13C2-PFHxDA	67		NO	11.905
34	58 d7-N-MeFOSE	67		NO	13.578
35	59 d9-N-EiFOSE	67		NO	11.752
36	60 13C4-PFBA	60		NO	0.000
37	61 13C5-PFHxA	61		NO	0.000
38	62 13C3-PFHxS	62		NO	0.000
39	63 13C8-PFOA	63		NO	0.000
40	64 13C9-PFNA	64		NO	0.000
41	65 13C4-PFOS	65		NO	0.000
42	66 13C6-PFDA	66		NO	0.000
43	67 13C7-PFUdA	67		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:10:56 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:06:13

Name: 180825M1_7, Date: 25-Aug-2018, Time: 14:35:59, ID: ST180825M1-6 PFC CS3 18H2107, Description: PFC CS3 18H2107

	Name	Ion Ratio	Ratio out?
1	PFBA		
2	PFPeA		
3	PFBS	2.816	NO
4	4:2 FTS	1.730	NO
5	PFHxA	15.151	NO
6	PFPeS	1.681	NO
7	PFHpA	23.106	NO
8	L-PFHxS	1.688	NO
9	6:2 FTS	2.820	NO
10	L-PFOA	3.473	NO
11	PFHpS	1.675	NO
12	PFNA	5.344	NO
13	PFOSA	32.315	NO
14	L-PFOS	1.927	NO
15	PFDA	6.681	NO
16	8:2 FTS	2.377	NO
17	PFNS	1.637	NO
18	L-MeFOSAA	2.611	NO
19	L-EtFOSAA	1.440	NO

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-CRV.qld

Last Altered: Sunday, August 26, 2018 13:06:25 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:11:02 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:06:13

Name: 180825M1_7, Date: 25-Aug-2018, Time: 14:35:59, ID: ST180825M1-6 PFC CS3 18H2107, Description: PFC CS3 18H2107

	Name	Ion Ratio	Ratio out?
1	PFUdA	12.603	NO
2	PFDS	1.664	NO
3	PFDoA	8.545	NO
4	N-MeFOSA	1.471	NO
5	PFTTrDA	33.819	NO
6	PFTeDA	12.001	NO
7	N-EtFOSA	1.511	NO
8	PFHxDA	36.374	NO
9	PFODA		
10	N-MeFOSE		
11	N-EtFOSE		

Dataset: Untitled

Last Altered: Sunday, August 26, 2018 13:15:11 Pacific Daylight Time

Printed: Sunday, August 26, 2018 13:15:22 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_082518.mdb 26 Aug 2018 13:06:23

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_08-25-18.cdb 26 Aug 2018 13:06:13

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 180825M1_1	IPA	25-Aug-18	13:32:22
2	2 180825M1_2	ST180825M1-1 PFC CS-2 18H2102	25-Aug-18	13:42:57
3	3 180825M1_3	ST180825M1-2 PFC CS-1 18H2103	25-Aug-18	13:53:35
4	4 180825M1_4	ST180825M1-3 PFC CS0 18H2104	25-Aug-18	14:04:14
5	5 180825M1_5	ST180825M1-4 PFC CS1 18H2105	25-Aug-18	14:14:47
6	6 180825M1_6	ST180825M1-5 PFC CS2 18H2106	25-Aug-18	14:25:25
7	7 180825M1_7	ST180825M1-6 PFC CS3 18H2107	25-Aug-18	14:35:59
8	8 180825M1_8	ST180825M1-7 PFC CS4 18H2108	25-Aug-18	14:46:37
9	9 180825M1_9	ST180825M1-8 PFC CS5 18H2109	25-Aug-18	14:57:09
10	10 180825M1_10	ST180825M1-9 PFC CS6 18H2110	25-Aug-18	15:07:47
11	11 180825M1_11	ST180825M1-10 PFC CS7 18H2111	25-Aug-18	15:18:19
12	12 180825M1_12	IPA	25-Aug-18	15:28:58
13	13 180825M1_13	ICV180825M1-1 PFC 537 ICV 18H2112	25-Aug-18	15:39:31

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-ICV.qld

Last Altered: Sunday, August 26, 2018 14:02:36 Pacific Daylight Time
Printed: Sunday, August 26, 2018 14:02:46 Pacific Daylight Time

ICV

JAD
8/26/18

Name: 180825M1_13, Date: 25-Aug-2018, Time: 15:39:31, ID: ICV180825M1-1 PFC 537 ICV 18H2112, Description: PFC 537 ICV 18H2112

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	16304.701	20872.879	1.00	1.28	9.764	8.4	84.3	NO		
2	2 PFPeA	263.1 > 218.9	23254.469	33972.676	1.00	2.28	8.556	8.9	89.4	NO		
3	3 PFBS	299.0 > 79.7	4456.397	3661.540	1.00	2.58	15.214	7.6	76.4	NO	2.825	NO
4	4 4:2 FTS	327.2>307.2	4676.337	7160.343	1.00	2.99	8.164	8.6	85.6	NO	1.569	NO
5	5 PFHxA	313 > 269	37456.898	20432.775	1.00	3.08	9.166	9.7	97.3	NO	15.718	NO
6	6 PFPeS	349.1>80.1	3872.627	3661.540	1.00	3.29	13.221	7.9	78.9	NO	1.605	NO
7	36 13C3-PFBA	216.1 > 171.8	20872.879	24634.092	1.00	1.28	10.591	12.8	102.5	NO		
8	37 13C3-PFPeA	266. > 221.8	33972.676	53533.598	1.00	2.28	7.933	12.4	99.1	NO		
9	38 13C3-PFBS	302. > 98.8	3661.540	53533.598	1.00	2.58	0.855	13.1	105.0	NO		
10	39 13C2-4:2 FTS	329.2>308.9	7160.343	53533.598	1.00	2.99	1.672	11.9	95.6	NO		
11	40 13C2-PFHxA	315 > 270	20432.775	53533.598	1.00	3.08	4.771	4.9	98.6	NO		
12	38 13C3-PFBS	302. > 98.8	3661.540	53533.598	1.00	2.58	0.855	13.1	105.0	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	5351.408	7117.616	1.00	4.19	9.398	9.4	93.8	NO	2.828	NO
15	7 PFHpA	363.0 > 318.9	26905.873	32289.414	1.00	3.71	10.416	8.9	89.0	NO	23.786	NO
16	8 L-PFHxS	398.9 > 79.6	3532.396	3116.586	1.00	3.87	14.168	8.2	82.0	NO	1.834	NO
17	11 L-PFOA	412.8 > 368.9	44224.664	48186.914	1.00	4.24	11.472	9.2	92.4	NO	3.311	NO
18	13 PFHpS	449 > 80.0	4436.996	7228.960	1.00	4.36	7.672	9.1	90.6	NO	1.832	NO
19	14 PFNA	463.0 > 418.8	40037.152	49002.898	1.00	4.69	10.213	8.5	85.4	NO	5.504	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	7117.616	57151.953	1.00	4.19	1.557	11.6	93.2	NO		
21	41 13C4-PFHpA	367.2 > 321.8	32289.414	53533.598	1.00	3.71	7.540	12.9	103.1	NO		
22	42 18O2-PFHxS	403.0 > 102.6	3116.586	6468.684	1.00	3.86	6.022	11.6	93.1	NO		
23	44 13C2-PFOA	414.9 > 369.7	48186.914	57151.953	1.00	4.24	10.539	12.2	97.8	NO		
24	47 13C8-PFOS	507.0 > 79.9	7228.960	7016.534	1.00	4.78	12.878	12.1	96.9	NO		
25	45 13C5-PFNA	468.2 > 422.9	49002.898	50642.996	1.00	4.69	12.095	12.6	100.8	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	7518.828	10517.188	1.00	4.74	8.936	8.5	85.0	NO	26.986	NO
28	16 L-PFOS	498.9 > 79.9	4840.961	7228.960	1.00	4.78	8.371	8.6	86.0	NO	2.015	NO
29	18 PFDA	513 > 468.8	40626.453	48526.910	1.00	5.07	10.465	8.5	85.1	NO	6.717	NO
30	19 8:2 FTS	527 > 506.9	5287.812	5860.404	1.00	5.04	11.279	8.2	81.8	NO	2.390	NO
31	20 PFNS	549.1 > 80.1	4191.539	7228.960	1.00	5.14	7.248	9.4	94.1	NO	1.636	NO
32	21 L-MeFOSAA	570 > 419	12292.269	11825.309	1.00	5.23	12.994	10.1	101.4	NO	2.698	NO
33	46 13C8-PFOA	506.1 > 77.7	10517.188	56823.914	1.00	4.74	2.314	11.8	94.5	NO		
34	47 13C8-PFOS	507.0 > 79.9	7228.960	7016.534	1.00	4.78	12.878	12.1	96.9	NO		

DM
8/26/18

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-ICV.qld

Last Altered: Sunday, August 26, 2018 14:02:36 Pacific Daylight Time
Printed: Sunday, August 26, 2018 14:02:46 Pacific Daylight Time

Ⓐ not in ICU
done 8/26/18

Name: 180825M1_13, Date: 25-Aug-2018, Time: 15:39:31, ID: ICV180825M1-1 PFC 537 ICV 18H2112, Description: PFC 537 ICV 18H2112

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	48526.910	50910.547	1.00	5.07	11.915	12.6	101.0	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	5860.404	57151.953	1.00	5.04	1.282	12.2	97.8	NO		
37	47 13C8-PFOS	507.0 > 79.9	7228.960	7016.534	1.00	4.78	12.878	12.1	96.9	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	11825.309	56823.914	1.00	5.22	2.601	11.5	91.9	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	10259.498	13323.948	1.00	5.39	9.625	9.9	98.9	NO	1.568	NO
41	27 PFDaA	612.9 > 569.0	43496.309	57954.438	1.00	5.69	9.382	8.6	85.6	NO	8.161	NO
42	26 PFDS	598.8 > 79.9	5131.950	7228.960	1.00	5.45	8.874	9.6	96.0	NO	1.669	NO
43	25 PFUdA	563.0 > 518.9	38617.039	55932.109	1.00	5.40	8.630	9.1	91.1	NO	12.501	NO
44	28 N-MeFOSA	512.1 > 168.9		42279.090	1.00					Ⓐ		
45	29 PFTeDA	662.9 > 618.9	46939.617	57954.438	1.00	5.94	10.124	8.9	88.8	NO	34.423	NO
46	52 d5-N-EtFOSAA	589.3 > 419	13323.948	56823.914	1.00	5.38	2.931	11.9	95.2	NO		
47	53 13C2-PFDoA	615.0 > 569.7	57954.438	50910.547	1.00	5.69	14.229	12.5	99.6	NO		
48	47 13C8-PFOS	507.0 > 79.9	7228.960	7016.534	1.00	4.78	12.878	12.1	96.9	NO		
49	51 13C2-PFUdA	565 > 519.8	55932.109	56823.914	1.00	5.40	12.304	12.2	97.7	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	42279.090	56823.914	1.00	5.79	9.300	139.8	93.2	NO		
51	53 13C2-PFDoA	615.0 > 569.7	57954.438	50910.547	1.00	5.69	14.229	12.5	99.6	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	37014.336	39396.961	1.00	6.16	11.744	9.0	90.0	NO	11.547	NO
54	31 N-EtFOSA	526.1 > 168.9		52236.305	1.00					Ⓐ		
55	32 PFHxDA	813.1 > 768.6		19917.531	1.00							
56	33 PFODA	913.1 > 868.8		19917.531	1.00							
57	34 N-MeFOSE	616.1 > 58.9		33154.070	1.00							
58	35 N-EtFOSE	630.1 > 58.9		34060.570	1.00							
59	55 13C2-PFTeDA	714.8 > 669.6	39396.961	56823.914	1.00	6.15	8.666	12.0	95.9	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	52236.305	56823.914	1.00	6.20	11.491	140.9	93.9	NO		
61	57 13C2-PFHxDA	815 > 769.7	19917.531	56823.914	1.00	6.49	4.381	4.8	95.4	NO		
62	57 13C2-PFHxDA	815 > 769.7	19917.531	56823.914	1.00	6.49	4.381	4.8	95.4	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	33154.070	56823.914	1.00	6.35	7.293	135.1	90.0	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	34060.570	56823.914	1.00	6.50	7.493	139.6	93.1	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	24634.092	24634.092	1.00	1.28	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	53533.598	53533.598	1.00	3.08	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	6468.684	6468.684	1.00	3.87	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\180825M1\180825M1-ICV.qld

Last Altered: Sunday, August 26, 2018 14:02:36 Pacific Daylight Time

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Name: 180825M1_13, Date: 25-Aug-2018, Time: 15:39:31, ID: ICV180825M1-1 PFC 537 ICV 18H2112, Description: PFC 537 ICV 18H2112

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc	%Rec	Recovery	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	57151.953	57151.953	1.00	4.24	12.500	12.5	100.0		NO	
70	64 13C9-PFNA	472.2 > 426.9	50642.996	50642.996	1.00	4.69	12.500	12.5	100.0		NO	
71	65 13C4-PFOS	503 > 79.9	7016.534	7016.534	1.00	4.78	12.500	12.5	100.0		NO	
72	66 13C6-PFDA	519.1 > 473.7	50910.547	50910.547	1.00	5.07	12.500	12.5	100.0		NO	
73	67 13C7-PFudA	570.1 > 524.8	56823.914	56823.914	1.00	5.40	12.500	12.5	100.0		NO	

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time
 Printed: Wednesday, September 12, 2018 16:46:14 Pacific Daylight Time

low pt
 No low pts
 appeared.

high pt
 4:2 PFS = 100
 6:2 PFS
 8:2 PFS

VAD 9/13/18

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 11 Sep 2018 11:40:50
 Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Compound name: PFBA

Correlation coefficient: $r = 0.999857$, $r^2 = 0.999713$

Calibration curve: $1.17754 * x + -0.0913443$

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

INITIAL CALIBRATION

DM 9/12/18

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180912M1_2	Standard	0.250	1.25	156.427	10897.410	0.179	0.2	-8.0	NO	1.000	NO	MM
2	180912M1_3	Standard	0.500	1.25	462.213	10268.044	0.563	0.6	11.1	NO	1.000	NO	bb
3	180912M1_4	Standard	1.000	1.26	857.480	10093.516	1.062	1.0	-2.1	NO	1.000	NO	bb
4	180912M1_5	Standard	2.000	1.25	1954.539	10666.307	2.291	2.0	1.1	NO	1.000	NO	bb
5	180912M1_6	Standard	5.000	1.25	4903.843	10456.351	5.862	5.1	1.1	NO	1.000	NO	bb
6	180912M1_7	Standard	10.000	1.25	9088.571	10009.003	11.350	9.7	-2.8	NO	1.000	NO	bb
7	180912M1_8	Standard	50.000	1.26	46334.410	9755.050	59.372	50.5	1.0	NO	1.000	NO	bb
8	180912M1_9	Standard	100.000	1.25	91529.625	9734.930	117.527	99.9	-0.1	NO	1.000	NO	bb
9	180912M1_10	Standard	250.000	1.25	229850.172	10017.726	286.804	243.6	-2.5	NO	1.000	NO	bb
10	180912M1_11	Standard	500.000	1.26	463558.094	9723.280	595.938	506.2	1.2	NO	1.000	NO	bb

Compound name: PFPeA

Coefficient of Determination: $R^2 = 0.999904$

Calibration curve: $5.91671e-005 * x^2 + 0.933466 * x + 0.0224916$

Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180912M1_2	Standard	0.250	2.25	375.628	18726.270	0.251	0.2	-2.2	NO	1.000	NO	MM
2	180912M1_3	Standard	0.500	2.25	721.837	18162.152	0.497	0.5	1.6	NO	1.000	NO	MM
3	180912M1_4	Standard	1.000	2.25	1341.254	17624.455	0.951	1.0	-0.5	NO	1.000	NO	bb
4	180912M1_5	Standard	2.000	2.25	2849.081	19352.107	1.840	1.9	-2.6	NO	1.000	NO	MM
5	180912M1_6	Standard	5.000	2.25	7057.131	18331.914	4.812	5.1	2.6	NO	1.000	NO	bb
6	180912M1_7	Standard	10.000	2.25	13557.317	18277.131	9.272	9.9	-1.0	NO	1.000	NO	bb
7	180912M1_8	Standard	50.000	2.25	66818.664	17416.736	47.956	51.2	2.4	NO	1.000	NO	bb
8	180912M1_9	Standard	100.000	2.25	126895.773	16746.994	94.715	100.8	0.8	NO	1.000	NO	bb
9	180912M1_10	Standard	250.000	2.25	301418.531	16106.897	233.920	246.7	-1.3	NO	1.000	NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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Compound name: PFPeA

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
10	10 180912M1_11	Standard	500.000	2.25	553201.000	14320.664	482.870	501.3	0.3	NO	1.000	NO	bb

Compound name: PFBS

Coefficient of Determination: R² = 0.999793

Calibration curve: 0.000346701 * x² + 1.77253 * x + -0.0385365

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	2.55	73.533	2153.196	0.427	0.3	5.0	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	2.54	143.332	2175.461	0.824	0.5	-2.7	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	2.55	273.565	2099.522	1.629	0.9	-6.0	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	2.55	621.336	2207.781	3.518	2.0	0.3	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	2.54	1477.135	2106.227	8.766	5.0	-0.7	NO	1.000	NO	MM
6	6 180912M1_7	Standard	10.000	2.54	2948.590	2046.522	18.010	10.2	1.6	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	2.55	14594.957	1999.228	91.254	51.0	2.0	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	2.55	27498.656	1860.950	184.708	102.2	2.2	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	2.55	63676.797	1749.959	454.845	244.9	-2.0	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	2.55	114573.031	1466.068	976.873	501.9	0.4	NO	1.000	NO	bb

Compound name: 4:2 FTS

Coefficient of Determination: R² = 0.999631

Calibration curve: -0.00325989 * x² + 1.2916 * x + -0.0242346

Response type: Internal Std (Ref 39), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	2.97	94.451	3901.203	0.303	0.3	1.3	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	2.96	181.586	3839.507	0.591	0.5	-4.6	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	2.96	336.652	3568.622	1.179	0.9	-6.6	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	2.96	849.980	3980.285	2.669	2.1	4.8	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	2.96	2049.543	3877.667	6.607	5.2	4.0	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	2.96	3879.151	3765.351	12.878	10.3	2.5	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	2.96	17844.055	4030.748	55.337	48.9	-2.2	NO	1.000	NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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Compound name: 4:2 FTS

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
8	8 180912M1_9	Standard	100.000	2.97	32740.436	4218.010	97.026	100.8	0.8	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	2.97	72585.313	5304.272	171.054			NO	1.000	NO	bbXI
10	10 180912M1_11	Standard	500.000	2.96	126960.727	6947.065	228.443			NO	1.000	NO	bbXI

Compound name: PFHxA

Coefficient of Determination: R² = 0.999880

Calibration curve: -0.000156088 * x² + 1.0431 * x + 0.00546658

Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	3.05	713.713	12113.928	0.295	0.3	10.9	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	3.05	1230.219	12139.155	0.507	0.5	-3.9	NO	1.000	NO	MM
3	3 180912M1_4	Standard	1.000	3.05	2358.006	11520.878	1.023	1.0	-2.4	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	3.05	5210.760	12643.943	2.061	2.0	-1.5	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	3.05	12347.405	11873.776	5.199	5.0	-0.3	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	3.05	23449.168	11361.115	10.320	9.9	-1.0	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	3.05	114485.203	11211.878	51.055	49.3	-1.4	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	3.05	222469.688	10564.173	105.294	102.5	2.5	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	3.05	496174.750	9980.373	248.575	247.5	-1.0	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	3.05	905450.188	9366.906	483.324	500.9	0.2	NO	1.000	NO	bb

Compound name: PFPeS

Coefficient of Determination: R² = 0.999566

Calibration curve: 8.44322e-005 * x² + 1.68686 * x + -0.0546864

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	3.26	64.153	2153.196	0.372	0.3	1.3	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	3.26	126.331	2175.461	0.726	0.5	-7.5	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	3.26	259.263	2099.522	1.544	0.9	-5.3	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	3.26	620.159	2207.781	3.511	2.1	5.7	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	3.26	1426.284	2106.227	8.465	5.0	1.0	NO	1.000	NO	bb

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Compound name: PFPeS

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
6	6 180912M1_7	Standard	10.000	3.26	2791.540	2046.522	17.051	10.1	1.4	NO	1.000	NO	MM
7	7 180912M1_8	Standard	50.000	3.26	13911.288	1999.228	86.979	51.5	2.9	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	3.26	25973.215	1860.950	174.462	102.9	2.9	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	3.26	57929.801	1749.959	413.794	242.4	-3.0	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	3.26	102015.359	1466.068	869.804	503.0	0.6	NO	1.000	NO	bb

Compound name: PFHpA

Correlation coefficient: $r = 0.999512$, $r^2 = 0.999024$

Calibration curve: $1.18448 * x + -0.00620416$

Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	3.67	406.300	16230.303	0.313	0.3	7.8	NO	0.999	NO	MM
2	2 180912M1_3	Standard	0.500	3.67	757.228	16218.876	0.584	0.5	-0.4	NO	0.999	NO	bb
3	3 180912M1_4	Standard	1.000	3.67	1412.747	16071.436	1.099	0.9	-6.7	NO	0.999	NO	MM
4	4 180912M1_5	Standard	2.000	3.67	3305.495	16995.211	2.431	2.1	2.9	NO	0.999	NO	bb
5	5 180912M1_6	Standard	5.000	3.67	7549.620	15773.342	5.983	5.1	1.1	NO	0.999	NO	bb
6	6 180912M1_7	Standard	10.000	3.67	14552.186	15100.140	12.046	10.2	1.8	NO	0.999	NO	bb
7	7 180912M1_8	Standard	50.000	3.67	68517.008	14996.579	57.111	48.2	-3.6	NO	0.999	NO	bb
8	8 180912M1_9	Standard	100.000	3.68	129228.820	13824.114	116.851	98.7	-1.3	NO	0.999	NO	bb
9	9 180912M1_10	Standard	250.000	3.68	295790.906	13031.004	283.738	239.6	-4.2	NO	0.999	NO	bb
10	10 180912M1_11	Standard	500.000	3.68	529221.938	10879.901	608.027	513.3	2.7	NO	0.999	NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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Compound name: L-PFHxS

Coefficient of Determination: R² = 0.999610

Calibration curve: -0.000257677 * x² + 1.77287 * x + -0.059628

Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	3.83	62.513	1908.948	0.409	0.3	5.8	NO	1.000	NO	MM
2	2 180912M1_3	Standard	0.500	3.83	119.544	1895.884	0.788	0.5	-4.4	NO	1.000	NO	MM
3	3 180912M1_4	Standard	1.000	3.83	254.589	1781.478	1.786	1.0	4.1	NO	1.000	NO	MM
4	4 180912M1_5	Standard	2.000	3.83	514.282	1950.401	3.296	1.9	-5.3	NO	1.000	NO	MM
5	5 180912M1_6	Standard	5.000	3.83	1271.456	1914.117	8.303	4.7	-5.6	NO	1.000	NO	MM
6	6 180912M1_7	Standard	10.000	3.83	2371.915	1798.958	16.481	9.3	-6.6	NO	1.000	NO	MM
7	7 180912M1_8	Standard	50.000	3.83	11839.934	1775.264	83.367	47.4	-5.2	NO	1.000	NO	MM
8	8 180912M1_9	Standard	100.000	3.83	21727.180	1506.155	180.320	103.3	3.3	NO	1.000	NO	MM
9	9 180912M1_10	Standard	250.000	3.83	52916.699	1539.248	429.729	251.6	0.7	NO	1.000	NO	MM
10	10 180912M1_11	Standard	500.000	3.83	95798.617	1460.392	819.973	498.7	-0.3	NO	1.000	NO	MM

Compound name: 6:2 FTS

Coefficient of Determination: R² = 0.999027

Calibration curve: -0.0041796 * x² + 1.5152 * x + 0.0221321

Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	4.15	139.075	3923.974	0.443	0.3	11.2	NO	0.999	NO	bb
2	2 180912M1_3	Standard	0.500	4.14	221.278	3893.594	0.710	0.5	-9.0	NO	0.999	NO	bb
3	3 180912M1_4	Standard	1.000	4.15	446.311	3848.417	1.450	0.9	-5.5	NO	0.999	NO	bb
4	4 180912M1_5	Standard	2.000	4.15	970.284	4056.927	2.990	2.0	-1.5	NO	0.999	NO	bb
5	5 180912M1_6	Standard	5.000	4.15	2460.288	3698.742	8.315	5.6	11.2	NO	0.999	NO	bb
6	6 180912M1_7	Standard	10.000	4.15	4762.211	3969.500	14.996	10.2	1.7	NO	0.999	NO	bb
7	7 180912M1_8	Standard	50.000	4.15	21087.375	4141.365	63.649	48.5	-3.1	NO	0.999	NO	bb
8	8 180912M1_9	Standard	100.000	4.15	39279.516	4442.357	110.526	101.2	1.2	NO	0.999	NO	bb
9	9 180912M1_10	Standard	250.000	4.15	85281.766	5703.784	186.897			NO	0.999	YES	bbXI
10	10 180912M1_11	Standard	500.000	4.15	153636.266	7559.555	254.043			NO	0.999	NO	MMXI

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Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.999965$

Calibration curve: $-0.000175483 * x^2 + 1.48011 * x + 0.0693927$

Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	4.21	1020.760	28744.455	0.444	0.3	1.2	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	4.21	1887.185	27586.545	0.855	0.5	6.2	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	4.21	3231.889	26758.607	1.510	1.0	-2.7	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	4.21	7191.970	29749.012	3.022	2.0	-0.2	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	4.21	16623.863	28634.199	7.257	4.9	-2.8	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	4.21	32040.477	27682.473	14.468	9.7	-2.6	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	4.21	154106.859	26081.723	73.858	50.2	0.3	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	4.21	288631.063	24405.465	147.831	101.0	1.0	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	4.21	664852.563	23247.785	357.482	248.8	-0.5	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	4.21	1193337.250	21408.572	696.764	500.4	0.1	NO	1.000	NO	bb

Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.999036$

Calibration curve: $-5.0368e-006 * x^2 + 0.845952 * x + 0.0168304$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	4.32	81.541	4458.230	0.229	0.3	0.1	NO	0.999	NO	bb
2	2 180912M1_3	Standard	0.500	4.32	128.088	4557.154	0.351	0.4	-20.9	NO	0.999	NO	bb
3	3 180912M1_4	Standard	1.000	4.32	339.944	4288.360	0.991	1.2	15.1	NO	0.999	NO	bb
4	4 180912M1_5	Standard	2.000	4.32	635.599	4664.713	1.703	2.0	-0.3	NO	0.999	NO	bb
5	5 180912M1_6	Standard	5.000	4.32	1555.452	4377.011	4.442	5.2	4.6	NO	0.999	NO	bd
6	6 180912M1_7	Standard	10.000	4.32	3087.823	4529.016	8.522	10.1	0.5	NO	0.999	NO	bb
7	7 180912M1_8	Standard	50.000	4.32	13894.714	4238.600	40.977	48.4	-3.1	NO	0.999	NO	bb
8	8 180912M1_9	Standard	100.000	4.32	27519.213	3811.569	90.249	106.7	6.7	NO	0.999	NO	bb
9	9 180912M1_10	Standard	250.000	4.32	64834.320	3974.082	203.929	241.4	-3.4	NO	0.999	NO	bb
10	10 180912M1_11	Standard	500.000	4.32	116775.789	3439.790	424.357	503.1	0.6	NO	0.999	NO	bb

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Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999945$

Calibration curve: $7.05929e-005 * x^2 + 1.10954 * x + 0.0155984$

Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	4.65	645.240	29657.789	0.272	0.2	-7.6	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	4.65	1383.575	29361.340	0.589	0.5	3.4	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	4.65	2597.251	27947.555	1.162	1.0	3.3	NO	1.000	NO	bd
4	4 180912M1_5	Standard	2.000	4.65	5667.738	31217.951	2.269	2.0	1.6	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	4.65	13227.433	29099.191	5.682	5.1	2.1	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	4.65	25555.531	29051.504	10.996	9.9	-1.1	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	4.65	121349.438	27980.561	54.211	48.7	-2.6	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	4.65	224516.609	24973.025	112.380	100.6	0.6	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	4.65	519369.219	22925.627	283.182	251.2	0.5	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	4.65	922021.813	20157.686	571.756	499.4	-0.1	NO	1.000	NO	bb

Compound name: PFOSA

Coefficient of Determination: $R^2 = 0.999884$

Calibration curve: $2.19973e-005 * x^2 + 1.10259 * x + -0.0200619$

Response type: Internal Std (Ref 46), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	4.71	145.092	7322.169	0.248	0.2	-2.9	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	4.71	334.272	7431.427	0.562	0.5	5.6	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	4.71	589.553	6839.386	1.077	1.0	-0.5	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	4.71	1291.549	7614.372	2.120	1.9	-2.9	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	4.71	3140.457	7309.660	5.370	4.9	-2.2	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	4.71	6181.623	6968.926	11.088	10.1	0.7	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	4.71	30716.404	6821.759	56.284	51.0	2.0	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	4.71	56090.578	6264.385	111.924	101.3	1.3	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	4.71	128657.352	5894.702	272.824	246.2	-1.5	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	4.71	235826.156	5278.511	558.458	501.5	0.3	NO	1.000	NO	bb

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Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.999187$
 Calibration curve: $4.13453e-005 * x^2 + 1.02793 * x + 0.0519652$
 Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	4.74	113.378	4458.230	0.318	0.3	3.5	NO	0.999	NO	MM
2	2 180912M1_3	Standard	0.500	4.74	240.634	4557.154	0.660	0.6	18.3	NO	0.999	NO	MM
3	3 180912M1_4	Standard	1.000	4.74	394.373	4288.360	1.150	1.1	6.8	NO	0.999	NO	MM
4	4 180912M1_5	Standard	2.000	4.74	768.854	4664.713	2.060	2.0	-2.3	NO	0.999	NO	MM
5	5 180912M1_6	Standard	5.000	4.74	1822.256	4377.011	5.204	5.0	0.2	NO	0.999	NO	MM
6	6 180912M1_7	Standard	10.000	4.74	3383.516	4529.016	9.338	9.0	-9.7	NO	0.999	NO	MM
7	7 180912M1_8	Standard	50.000	4.74	17502.572	4238.600	51.617	50.1	0.1	NO	0.999	NO	MM
8	8 180912M1_9	Standard	100.000	4.74	33364.480	3811.569	109.418	105.9	5.9	NO	0.999	NO	MM
9	9 180912M1_10	Standard	250.000	4.74	79904.539	3974.082	251.330	242.1	-3.2	NO	0.999	NO	MM
10	10 180912M1_11	Standard	500.000	4.74	145099.141	3439.790	527.282	502.7	0.5	NO	0.999	NO	MM

Compound name: PFDA

Coefficient of Determination: $R^2 = 0.999864$
 Calibration curve: $-3.22197e-005 * x^2 + 1.39633 * x + 0.0226118$
 Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.03	729.485	25985.822	0.351	0.2	-6.0	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	5.03	1575.616	26868.094	0.733	0.5	1.8	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	5.03	2839.823	25188.646	1.409	1.0	-0.7	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	5.03	6199.658	27360.838	2.832	2.0	0.6	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	5.03	14848.986	26275.346	7.064	5.0	0.9	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	5.03	28181.576	24667.375	14.281	10.2	2.1	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	5.03	132406.422	22919.855	72.212	51.8	3.5	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	5.03	255212.563	23438.123	136.110	97.7	-2.3	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	5.03	589107.875	21213.297	347.134	250.0	0.0	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	5.03	980690.688	17753.086	690.507	500.3	0.1	NO	1.000	NO	bb

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Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.999431$
 Calibration curve: $-0.00328761 * x^2 + 1.32635 * x + 0.0644627$
 Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.00	82.180	3240.076	0.317	0.2	-23.8	NO	0.999	NO	bb
2	2 180912M1_3	Standard	0.500	5.00	188.874	3033.587	0.778	0.5	7.8	NO	0.999	NO	bb
3	3 180912M1_4	Standard	1.000	5.00	389.823	3197.228	1.524	1.1	10.3	NO	0.999	NO	bb
4	4 180912M1_5	Standard	2.000	5.00	727.265	3320.207	2.738	2.0	1.3	NO	0.999	NO	MM
5	5 180912M1_6	Standard	5.000	5.00	1822.818	3321.352	6.860	5.2	3.8	NO	0.999	NO	bb
6	6 180912M1_7	Standard	10.000	5.00	3511.036	3302.401	13.290	10.2	2.3	NO	0.999	NO	bb
7	7 180912M1_8	Standard	50.000	5.00	16594.160	3646.098	56.890	48.7	-2.5	NO	0.999	NO	bb
8	8 180912M1_9	Standard	100.000	5.00	32072.051	3992.380	100.416	100.9	0.9	NO	0.999	NO	bb
9	9 180912M1_10	Standard	250.000	5.00	69711.211	5164.687	168.721			NO	0.999	NO	bbXI
10	10 180912M1_11	Standard	500.000	5.00	115448.594	6754.611	213.648			NO	0.999	NO	bbXI

Compound name: PFNS

Coefficient of Determination: $R^2 = 0.998373$
 Calibration curve: $-2.83541e-005 * x^2 + 0.841074 * x + -0.0220191$
 Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.10	69.115	4458.230	0.194	0.3	2.6	NO	0.998	NO	MM
2	2 180912M1_3	Standard	0.500	5.10	123.622	4557.154	0.339	0.4	-14.1	NO	0.998	NO	bb
3	3 180912M1_4	Standard	1.000	5.09	303.408	4288.360	0.884	1.1	7.8	NO	0.998	NO	bb
4	4 180912M1_5	Standard	2.000	5.09	587.463	4664.713	1.574	1.9	-5.1	NO	0.998	NO	bb
5	5 180912M1_6	Standard	5.000	5.09	1572.816	4377.011	4.492	5.4	7.4	NO	0.998	NO	bb
6	6 180912M1_7	Standard	10.000	5.09	2937.568	4529.016	8.108	9.7	-3.3	NO	0.998	NO	MM
7	7 180912M1_8	Standard	50.000	5.09	14441.595	4238.600	42.590	50.8	1.5	NO	0.998	NO	bb
8	8 180912M1_9	Standard	100.000	5.10	27518.826	3811.569	90.248	107.7	7.7	NO	0.998	NO	bb
9	9 180912M1_10	Standard	250.000	5.10	62666.816	3974.082	197.111	236.3	-5.5	NO	0.998	NO	bb
10	10 180912M1_11	Standard	500.000	5.10	114960.273	3439.790	417.759	505.3	1.1	NO	0.998	NO	bb

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Compound name: L-MeFOSAA

Coefficient of Determination: R² = 0.999647

Calibration curve: -0.000156319 * x² + 1.65333 * x + -0.0630151

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.18	193.383	7897.722	0.306	0.2	-10.7	NO	1.000	NO	MM
2	2 180912M1_3	Standard	0.500	5.18	542.179	7723.013	0.878	0.6	13.8	NO	1.000	NO	MM
3	3 180912M1_4	Standard	1.000	5.18	878.997	7137.133	1.539	1.0	-3.1	NO	1.000	NO	MM
4	4 180912M1_5	Standard	2.000	5.18	1980.960	8063.670	3.071	1.9	-5.2	NO	1.000	NO	MM
5	5 180912M1_6	Standard	5.000	5.18	4607.822	7376.523	7.808	4.8	-4.7	NO	1.000	NO	MM
6	6 180912M1_7	Standard	10.000	5.18	9347.025	7349.308	15.898	9.7	-3.4	NO	1.000	NO	MM
7	7 180912M1_8	Standard	50.000	5.18	47152.895	7296.082	80.785	49.1	-1.7	NO	1.000	NO	MM
8	8 180912M1_9	Standard	100.000	5.18	86839.945	6787.723	159.921	97.7	-2.3	NO	1.000	NO	MM
9	9 180912M1_10	Standard	250.000	5.18	201372.359	6075.668	414.301	256.9	2.7	NO	1.000	NO	MM
10	10 180912M1_11	Standard	500.000	5.18	349510.281	5579.384	783.040	497.0	-0.6	NO	1.000	NO	MM

Compound name: L-EtFOSAA

Coefficient of Determination: R² = 0.999497

Calibration curve: 4.94956e-005 * x² + 1.05362 * x + -0.0169817

Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.34	166.082	9897.879	0.210	0.2	-13.9	NO	0.999	NO	MM
2	2 180912M1_3	Standard	0.500	5.34	407.403	9395.542	0.542	0.5	6.1	NO	0.999	NO	MM
3	3 180912M1_4	Standard	1.000	5.34	746.697	8806.795	1.060	1.0	2.2	NO	0.999	NO	MM
4	4 180912M1_5	Standard	2.000	5.34	1739.819	10108.333	2.151	2.1	2.9	NO	0.999	NO	MM
5	5 180912M1_6	Standard	5.000	5.34	4015.136	9367.184	5.358	5.1	2.0	NO	0.999	NO	MM
6	6 180912M1_7	Standard	10.000	5.34	7574.232	9128.894	10.371	9.9	-1.5	NO	0.999	NO	MM
7	7 180912M1_8	Standard	50.000	5.34	36757.270	8710.349	52.749	50.0	-0.1	NO	0.999	NO	MM
8	8 180912M1_9	Standard	100.000	5.34	70091.547	7909.928	110.765	104.6	4.6	NO	0.999	NO	MM
9	9 180912M1_10	Standard	250.000	5.34	152497.641	7371.267	258.601	242.7	-2.9	NO	0.999	NO	MM
10	10 180912M1_11	Standard	500.000	5.34	265914.625	6131.285	542.127	502.7	0.5	NO	0.999	NO	MM

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 11 Sep 2018 11:40:50
 Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Compound name: PFuDA

Coefficient of Determination: R² = 0.999961

Calibration curve: $-0.000163449 * x^2 + 0.950495 * x + 0.0386271$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.36	805.090	34817.031	0.289	0.3	5.4	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	5.36	1449.787	34922.332	0.519	0.5	1.1	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	5.36	2456.610	33504.820	0.917	0.9	-7.6	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	5.36	5479.579	36187.828	1.893	2.0	-2.4	NO	1.000	NO	MM
5	5 180912M1_6	Standard	5.000	5.36	13583.671	33662.742	5.044	5.3	5.4	NO	1.000	NO	MM
6	6 180912M1_7	Standard	10.000	5.36	24794.855	32929.047	9.412	9.9	-1.2	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	5.36	116552.000	31069.396	46.892	49.7	-0.6	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	5.36	222067.266	29817.691	93.094	99.6	-0.4	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	5.36	486380.719	26617.352	228.413	251.1	0.4	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	5.36	830213.563	23909.529	434.039	499.5	-0.1	NO	1.000	NO	bb

Compound name: PFDS

Coefficient of Determination: R² = 0.999340

Calibration curve: $-8.07848e-005 * x^2 + 1.04627 * x + 0.052622$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.41	120.743	4458.230	0.339	0.3	9.3	NO	0.999	NO	bb
2	2 180912M1_3	Standard	0.500	5.41	172.483	4557.154	0.473	0.4	-19.6	NO	0.999	NO	bb
3	3 180912M1_4	Standard	1.000	5.41	377.196	4288.360	1.099	1.0	0.1	NO	0.999	NO	bb
4	4 180912M1_5	Standard	2.000	5.41	795.047	4664.713	2.130	2.0	-0.7	NO	0.999	NO	bb
5	5 180912M1_6	Standard	5.000	5.41	2036.323	4377.011	5.815	5.5	10.2	NO	0.999	NO	bb
6	6 180912M1_7	Standard	10.000	5.41	3687.981	4529.016	10.179	9.7	-3.1	NO	0.999	NO	bb
7	7 180912M1_8	Standard	50.000	5.41	18255.447	4238.600	53.837	51.6	3.2	NO	0.999	NO	bb
8	8 180912M1_9	Standard	100.000	5.41	32759.174	3811.569	107.433	103.5	3.5	NO	0.999	NO	bb
9	9 180912M1_10	Standard	250.000	5.41	78728.922	3974.082	247.632	241.1	-3.6	NO	0.999	NO	bb

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Compound name: PFDS

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
10	10 180912M1_11	Standard	500.000	5.41	139402.859	3439.790	506.582	503.7	0.7	NO	0.999	NO	bb

Compound name: PFDoA

Coefficient of Determination: R² = 0.999936
 Calibration curve: $-0.000143708 * x^2 + 1.21707 * x + 0.0323973$
 Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.64	802.778	30525.887	0.329	0.2	-2.6	NO	1.000	NO	bd
2	2 180912M1_3	Standard	0.500	5.64	1581.934	31659.500	0.625	0.5	-2.7	NO	1.000	NO	bd
3	3 180912M1_4	Standard	1.000	5.64	3049.783	30755.609	1.240	1.0	-0.8	NO	1.000	NO	bd
4	4 180912M1_5	Standard	2.000	5.64	6411.266	32597.236	2.459	2.0	-0.3	NO	1.000	NO	bd
5	5 180912M1_6	Standard	5.000	5.64	15787.006	31831.096	6.200	5.1	1.4	NO	1.000	NO	bd
6	6 180912M1_7	Standard	10.000	5.64	30345.727	29531.867	12.844	10.5	5.4	NO	1.000	NO	bd
7	7 180912M1_8	Standard	50.000	5.64	140811.391	29254.750	60.166	49.7	-0.6	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	5.64	270766.656	27916.094	121.241	100.8	0.8	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	5.64	620887.750	26480.129	293.091	248.1	-0.8	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	5.64	1084359.750	23631.158	573.586	500.9	0.2	NO	1.000	NO	bb

Compound name: N-MeFOSA

Coefficient of Determination: R² = 0.999804
 Calibration curve: $-5.31562e-005 * x^2 + 0.92622 * x + 0.298865$
 Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	1.250	5.74	187.534	19644.328	1.432	1.2	-2.1	NO	1.000	NO	bb
2	2 180912M1_3	Standard	2.500	5.74	369.756	18826.652	2.946	2.9	14.3	NO	1.000	NO	bb
3	3 180912M1_4	Standard	5.000	5.74	613.643	18524.590	4.969	5.0	0.9	NO	1.000	NO	bb
4	4 180912M1_5	Standard	10.000	5.74	1256.832	19988.469	9.432	9.9	-1.3	NO	1.000	NO	bb
5	5 180912M1_6	Standard	25.000	5.74	3271.005	19105.801	25.681	27.4	9.8	NO	1.000	NO	MM
6	6 180912M1_7	Standard	50.000	5.74	6217.256	19151.689	48.695	52.4	4.8	NO	1.000	NO	MM
7	7 180912M1_8	Standard	250.000	5.74	29578.984	19137.604	231.839	253.7	1.5	NO	1.000	NO	bb

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Compound name: N-MeFOSA

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
8	8 180912M1_9	Standard	500.000	5.74	56238.625	19109.516	441.445	490.1	-2.0	NO	1.000	NO	bb
9	9 180912M1_10	Standard	1250.000	5.74	127889.844	17867.102	1073.676	1248.3	-0.1	NO	1.000	NO	bb
10	10 180912M1_11	Standard	2500.000	5.74	227023.375	17149.965	1985.631	2503.0	0.1	NO	1.000	NO	bb

Compound name: PFTTrDA

Coefficient of Determination: R² = 0.999664
 Calibration curve: -0.000137475 * x² + 1.28075 * x + 0.0670487
 Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	5.90	855.995	30525.887	0.351	0.2	-11.5	NO	1.000	NO	bd
2	2 180912M1_3	Standard	0.500	5.90	1695.473	31659.500	0.669	0.5	-5.9	NO	1.000	NO	bd
3	3 180912M1_4	Standard	1.000	5.89	3307.997	30755.609	1.344	1.0	-0.2	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	5.90	7162.028	32597.236	2.746	2.1	4.6	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	5.90	17189.748	31831.096	6.750	5.2	4.4	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	5.90	32218.146	29531.867	13.637	10.6	6.1	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	5.90	155466.719	29254.750	66.428	52.1	4.2	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	5.90	283417.656	27916.094	126.906	100.1	0.1	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	5.90	645010.375	26480.129	304.478	244.1	-2.4	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	5.90	1151977.500	23631.158	609.353	502.9	0.6	NO	1.000	NO	bb

Compound name: PFTeDA

Coefficient of Determination: R² = 0.999789
 Calibration curve: -0.00058139 * x² + 1.88165 * x + 0.063267
 Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	6.11	863.380	19889.551	0.543	0.3	1.9	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	6.11	1620.277	19755.086	1.025	0.5	2.3	NO	1.000	NO	bd
3	3 180912M1_4	Standard	1.000	6.11	3023.642	20419.287	1.851	1.0	-5.0	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	6.11	6270.568	21034.957	3.726	1.9	-2.6	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	6.11	15999.419	20323.273	9.841	5.2	4.1	NO	1.000	NO	bb

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Compound name: PFTeDA

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
6	6 180912M1_7	Standard	10.000	6.11	29393.746	20259.123	18.136	9.6	-3.7	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	6.11	144793.203	18869.959	95.915	51.8	3.5	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	6.11	283380.563	19272.600	183.798	100.8	0.8	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	6.11	620322.938	18157.967	427.032	245.5	-1.8	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	6.11	1101542.875	17243.756	798.509	502.3	0.5	NO	1.000	NO	bb

Compound name: N-EtFOSA

Coefficient of Determination: R² = 0.999918

Calibration curve: $-2.14225e-005 * x^2 + 0.832258 * x + 0.10336$

Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	1.250	6.17	161.415	22478.059	1.077	1.2	-6.4	NO	1.000	NO	bb
2	2 180912M1_3	Standard	2.500	6.16	291.472	22480.467	1.945	2.2	-11.5	NO	1.000	NO	bb
3	3 180912M1_4	Standard	5.000	6.16	641.180	21698.721	4.432	5.2	4.0	NO	1.000	NO	bb
4	4 180912M1_5	Standard	10.000	6.16	1423.922	23310.674	9.163	10.9	8.9	NO	1.000	NO	bb
5	5 180912M1_6	Standard	25.000	6.16	3143.098	22337.158	21.107	25.3	1.0	NO	1.000	NO	bb
6	6 180912M1_7	Standard	50.000	6.16	6331.829	22076.574	43.022	51.6	3.3	NO	1.000	NO	bb
7	7 180912M1_8	Standard	250.000	6.16	30528.770	21760.229	210.444	254.4	1.8	NO	1.000	NO	bb
8	8 180912M1_9	Standard	500.000	6.16	57685.309	21175.230	408.628	497.2	-0.6	NO	1.000	NO	bb
9	9 180912M1_10	Standard	1250.000	6.16	127892.750	19188.418	999.765	1240.8	-0.7	NO	1.000	NO	bb
10	10 180912M1_11	Standard	2500.000	6.16	224716.703	17281.408	1950.507	2505.0	0.2	NO	1.000	NO	bb

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Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999915$

Calibration curve: $-0.000148179 * x^2 + 0.580035 * x + 0.0666228$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	6.46	416.383	10309.527	0.202	0.2	-6.7	NO	1.000	NO	bb
2	2 180912M1_3	Standard	0.500	6.45	765.454	10498.073	0.365	0.5	2.7	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	6.45	1391.239	10654.145	0.653	1.0	1.1	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	6.46	2848.834	11198.609	1.272	2.1	4.0	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	6.46	6470.302	10939.300	2.957	5.0	-0.2	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	6.45	12685.838	10778.348	5.885	10.1	0.6	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	6.46	58760.246	10541.097	27.872	48.5	-2.9	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	6.46	113622.516	9904.744	57.358	101.4	1.4	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	6.46	265801.156	9778.109	135.916	250.2	0.1	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	6.45	465989.469	9212.334	252.916	499.7	-0.1	NO	1.000	NO	bb

Compound name: PFODA

Coefficient of Determination: $R^2 = 0.999948$

Calibration curve: $-0.000184516 * x^2 + 0.859148 * x + 0.0222847$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	0.250	6.69	475.054	10309.527	0.230	0.2	-3.1	NO	1.000	NO	MM
2	2 180912M1_3	Standard	0.500	6.69	1116.858	10498.073	0.532	0.6	18.7	NO	1.000	NO	bb
3	3 180912M1_4	Standard	1.000	6.69	1807.999	10654.145	0.848	1.0	-3.8	NO	1.000	NO	bb
4	4 180912M1_5	Standard	2.000	6.69	3769.366	11198.609	1.683	1.9	-3.3	NO	1.000	NO	bb
5	5 180912M1_6	Standard	5.000	6.69	9848.979	10939.300	4.502	5.2	4.4	NO	1.000	NO	bb
6	6 180912M1_7	Standard	10.000	6.69	18063.643	10778.348	8.380	9.7	-2.5	NO	1.000	NO	bb
7	7 180912M1_8	Standard	50.000	6.69	89823.281	10541.097	42.606	50.1	0.2	NO	1.000	NO	bb
8	8 180912M1_9	Standard	100.000	6.69	166233.000	9904.744	83.916	99.8	-0.2	NO	1.000	NO	bb
9	9 180912M1_10	Standard	250.000	6.69	397935.375	9778.109	203.483	250.3	0.1	NO	1.000	NO	bb
10	10 180912M1_11	Standard	500.000	6.69	706390.188	9212.334	383.394	499.9	-0.0	NO	1.000	NO	bb

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Compound name: N-MeFOSE

Coefficient of Determination: $R^2 = 0.999951$

Calibration curve: $3.22526e-006 * x^2 + 0.910065 * x + -0.0398899$

Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	1.250	6.35	123.308	18906.707	0.978	1.1	-10.5	NO	1.000	NO	MM
2	2 180912M1_3	Standard	2.500	6.35	286.322	18615.186	2.307	2.6	3.2	NO	1.000	NO	MM
3	3 180912M1_4	Standard	5.000	6.35	544.309	17766.971	4.595	5.1	1.9	NO	1.000	NO	bb
4	4 180912M1_5	Standard	10.000	6.35	1209.468	19446.854	9.329	10.3	2.9	NO	1.000	NO	MM
5	5 180912M1_6	Standard	25.000	6.35	2890.381	18834.365	23.019	25.3	1.3	NO	1.000	NO	MM
6	6 180912M1_7	Standard	50.000	6.35	5689.669	18367.531	46.465	51.1	2.2	NO	1.000	NO	bb
7	7 180912M1_8	Standard	250.000	6.35	27996.736	18795.557	223.431	245.3	-1.9	NO	1.000	NO	bb
8	8 180912M1_9	Standard	500.000	6.35	55888.836	18183.203	461.048	505.7	1.1	NO	1.000	NO	bb
9	9 180912M1_10	Standard	1250.000	6.35	134926.813	17774.338	1138.665	1245.7	-0.3	NO	1.000	NO	bb
10	10 180912M1_11	Standard	2500.000	6.35	269854.406	17625.346	2296.588	2501.4	0.1	NO	1.000	NO	bb

Compound name: N-EtFOSE

Coefficient of Determination: $R^2 = 0.999995$

Calibration curve: $-1.431e-005 * x^2 + 1.129 * x + 0.148136$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	1.250	6.50	198.782	18264.031	1.633	1.3	5.2	NO	1.000	NO	bb
2	2 180912M1_3	Standard	2.500	6.50	349.284	18053.723	2.902	2.4	-2.4	NO	1.000	NO	MM
3	3 180912M1_4	Standard	5.000	6.50	668.762	17382.154	5.771	5.0	-0.4	NO	1.000	NO	MM
4	4 180912M1_5	Standard	10.000	6.50	1428.284	19003.029	11.274	9.9	-1.4	NO	1.000	NO	bb
5	5 180912M1_6	Standard	25.000	6.50	3382.010	18186.723	27.894	24.6	-1.7	NO	1.000	NO	bb
6	6 180912M1_7	Standard	50.000	6.50	6752.569	17839.256	56.778	50.2	0.4	NO	1.000	NO	bb
7	7 180912M1_8	Standard	250.000	6.50	33464.320	17766.961	282.527	250.9	0.4	NO	1.000	NO	bb
8	8 180912M1_9	Standard	500.000	6.50	65713.031	17554.250	561.514	500.4	0.1	NO	1.000	NO	bb
9	9 180912M1_10	Standard	1250.000	6.50	159076.469	17199.387	1387.344	1248.5	-0.1	NO	1.000	NO	bb
10	10 180912M1_11	Standard	2500.000	6.50	310971.406	17062.230	2733.858	2500.6	0.0	NO	1.000	NO	bb

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Compound name: 13C3-PFBA

Response Factor: 0.760839

RRF SD: 0.00796037, Relative SD: 1.04626

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180912M1_2	Standard	12.500	1.24	10897.410	14256.928	9.554	12.6	0.5	NO		NO	bb
2	180912M1_3	Standard	12.500	1.24	10268.044	13481.462	9.521	12.5	0.1	NO		NO	bb
3	180912M1_4	Standard	12.500	1.26	10093.516	13434.227	9.392	12.3	-1.3	NO		NO	bb
4	180912M1_5	Standard	12.500	1.24	10666.307	14012.183	9.515	12.5	0.0	NO		NO	bb
5	180912M1_6	Standard	12.500	1.25	10456.351	13872.053	9.422	12.4	-0.9	NO		NO	bb
6	180912M1_7	Standard	12.500	1.24	10009.003	12999.652	9.624	12.6	1.2	NO		NO	bb
7	180912M1_8	Standard	12.500	1.26	9755.050	12985.019	9.391	12.3	-1.3	NO		NO	bb
8	180912M1_9	Standard	12.500	1.25	9734.930	12905.102	9.429	12.4	-0.9	NO		NO	bb
9	180912M1_10	Standard	12.500	1.24	10017.726	12949.625	9.670	12.7	1.7	NO		NO	bb
10	180912M1_11	Standard	12.500	1.26	9723.280	12678.084	9.587	12.6	0.8	NO		NO	bb

Compound name: 13C3-PFPeA

Response Factor: 0.549401

RRF SD: 0.0172691, Relative SD: 3.14327

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180912M1_2	Standard	12.500	2.25	18726.270	34614.539	6.762	12.3	-1.5	NO		NO	bb
2	180912M1_3	Standard	12.500	2.25	18162.152	34335.520	6.612	12.0	-3.7	NO		NO	bb
3	180912M1_4	Standard	12.500	2.25	17624.455	32683.473	6.741	12.3	-1.8	NO		NO	bb
4	180912M1_5	Standard	12.500	2.25	19352.107	35909.898	6.736	12.3	-1.9	NO		NO	bb
5	180912M1_6	Standard	12.500	2.25	18331.914	33886.867	6.762	12.3	-1.5	NO		NO	bb
6	180912M1_7	Standard	12.500	2.25	18277.131	32678.898	6.991	12.7	1.8	NO		NO	bb
7	180912M1_8	Standard	12.500	2.25	17416.736	32239.291	6.753	12.3	-1.7	NO		NO	bb
8	180912M1_9	Standard	12.500	2.25	16746.994	30516.027	6.860	12.5	-0.1	NO		NO	bb
9	180912M1_10	Standard	12.500	2.25	16106.897	28115.084	7.161	13.0	4.3	NO		NO	bb
10	180912M1_11	Standard	12.500	2.25	14320.664	24533.816	7.296	13.3	6.2	NO		NO	bd

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Compound name: 13C3-PFBS

Response Factor: 0.533971
 RRF SD: 0.0142867, Relative SD: 2.67556
 Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	2.55	2153.196	3933.582	6.842	12.8	2.5	NO		NO	MM
2	2 180912M1_3	Standard	12.500	2.55	2175.461	4036.466	6.737	12.6	0.9	NO		NO	bb
3	3 180912M1_4	Standard	12.500	2.55	2099.522	3757.405	6.985	13.1	4.6	NO		NO	bb
4	4 180912M1_5	Standard	12.500	2.55	2207.781	4151.548	6.647	12.4	-0.4	NO		NO	MM
5	5 180912M1_6	Standard	12.500	2.55	2106.227	3933.483	6.693	12.5	0.3	NO		NO	bb
6	6 180912M1_7	Standard	12.500	2.55	2046.522	3859.763	6.628	12.4	-0.7	NO		NO	bb
7	7 180912M1_8	Standard	12.500	2.55	1999.228	3684.871	6.782	12.7	1.6	NO		NO	bb
8	8 180912M1_9	Standard	12.500	2.55	1860.950	3528.356	6.593	12.3	-1.2	NO		NO	bb
9	9 180912M1_10	Standard	12.500	2.55	1749.959	3375.398	6.481	12.1	-2.9	NO		NO	MM
10	10 180912M1_11	Standard	12.500	2.55	1466.068	2881.999	6.359	11.9	-4.7	NO		NO	MM

Compound name: 13C2-4:2 FTS

Response Factor: 1.01277
 RRF SD: 0.087166, Relative SD: 8.6067
 Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	2.96	3901.203	3933.582	12.397	12.2	-2.1	NO		NO	MM
2	2 180912M1_3	Standard	12.500	2.96	3839.507	4036.466	11.890	11.7	-6.1	NO		NO	bb
3	3 180912M1_4	Standard	12.500	2.96	3568.622	3757.405	11.872	11.7	-6.2	NO		NO	bb
4	4 180912M1_5	Standard	12.500	2.96	3980.285	4151.548	11.984	11.8	-5.3	NO		NO	bb
5	5 180912M1_6	Standard	12.500	2.96	3877.667	3933.483	12.323	12.2	-2.7	NO		NO	bb
6	6 180912M1_7	Standard	12.500	2.96	3765.351	3859.763	12.194	12.0	-3.7	NO		NO	bb
7	7 180912M1_8	Standard	12.500	2.96	4030.748	3684.871	13.673	13.5	8.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	2.97	4218.010	3528.356	14.943	14.8	18.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	2.97	5304.272	3375.398	19.643	19.4	55.2	NO		NO	bbX
10	10 180912M1_11	Standard	12.500	2.96	6947.065	2881.999	30.131	29.8	138.0	NO		NO	bbX

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Compound name: 13C2-PFHxA

Response Factor: 0.884225

RRF SD: 0.0256585, Relative SD: 2.90181

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	5.000	3.05	12113.928	34614.539	4.375	4.9	-1.1	NO		NO	bb
2	2 180912M1_3	Standard	5.000	3.05	12139.155	34335.520	4.419	5.0	-0.0	NO		NO	bb
3	3 180912M1_4	Standard	5.000	3.05	11520.878	32683.473	4.406	5.0	-0.3	NO		NO	bb
4	4 180912M1_5	Standard	5.000	3.05	12643.943	35909.898	4.401	5.0	-0.4	NO		NO	bb
5	5 180912M1_6	Standard	5.000	3.05	11873.776	33886.867	4.380	5.0	-0.9	NO		NO	bb
6	6 180912M1_7	Standard	5.000	3.05	11361.115	32678.898	4.346	4.9	-1.7	NO		NO	bb
7	7 180912M1_8	Standard	5.000	3.05	11211.878	32239.291	4.347	4.9	-1.7	NO		NO	bb
8	8 180912M1_9	Standard	5.000	3.05	10564.173	30516.027	4.327	4.9	-2.1	NO		NO	bb
9	9 180912M1_10	Standard	5.000	3.05	9980.373	28115.084	4.437	5.0	0.4	NO		NO	bb
10	10 180912M1_11	Standard	5.000	3.05	9366.906	24533.816	4.772	5.4	7.9	NO		NO	bb

Compound name: 13C4-PFHpA

Response Factor: 0.465893

RRF SD: 0.012749, Relative SD: 2.73647

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	3.68	16230.303	34614.539	5.861	12.6	0.6	NO		NO	bb
2	2 180912M1_3	Standard	12.500	3.68	16218.876	34335.520	5.905	12.7	1.4	NO		NO	bb
3	3 180912M1_4	Standard	12.500	3.68	16071.436	32683.473	6.147	13.2	5.5	NO		NO	bb
4	4 180912M1_5	Standard	12.500	3.68	16995.211	35909.898	5.916	12.7	1.6	NO		NO	bb
5	5 180912M1_6	Standard	12.500	3.68	15773.342	33886.867	5.818	12.5	-0.1	NO		NO	bb
6	6 180912M1_7	Standard	12.500	3.68	15100.140	32678.898	5.776	12.4	-0.8	NO		NO	bb
7	7 180912M1_8	Standard	12.500	3.68	14996.579	32239.291	5.815	12.5	-0.2	NO		NO	bb
8	8 180912M1_9	Standard	12.500	3.68	13824.114	30516.027	5.663	12.2	-2.8	NO		NO	bb
9	9 180912M1_10	Standard	12.500	3.68	13031.004	28115.084	5.794	12.4	-0.5	NO		NO	MM
10	10 180912M1_11	Standard	12.500	3.68	10879.901	24533.816	5.543	11.9	-4.8	NO		NO	bb

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Compound name: 1802-PFHxS

Response Factor: 0.4723

RRF SD: 0.0211683, Relative SD: 4.48197

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	3.83	1908.948	3933.582	6.066	12.8	2.8	NO		NO	bb
2	2 180912M1_3	Standard	12.500	3.83	1895.884	4036.466	5.871	12.4	-0.6	NO		NO	bb
3	3 180912M1_4	Standard	12.500	3.83	1781.478	3757.405	5.927	12.5	0.4	NO		NO	bb
4	4 180912M1_5	Standard	12.500	3.83	1950.401	4151.548	5.873	12.4	-0.5	NO		NO	bb
5	5 180912M1_6	Standard	12.500	3.83	1914.117	3933.483	6.083	12.9	3.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	3.83	1798.958	3859.763	5.826	12.3	-1.3	NO		NO	bb
7	7 180912M1_8	Standard	12.500	3.83	1775.264	3684.871	6.022	12.8	2.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	3.83	1506.155	3528.356	5.336	11.3	-9.6	NO		NO	bb
9	9 180912M1_10	Standard	12.500	3.83	1539.248	3375.398	5.700	12.1	-3.4	NO		NO	bb
10	10 180912M1_11	Standard	12.500	3.83	1460.392	2881.999	6.334	13.4	7.3	NO		NO	bd

Compound name: 13C2-6:2 FTS

Response Factor: 0.958286

RRF SD: 0.106195, Relative SD: 11.0817

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.15	3923.974	4324.199	11.343	11.8	-5.3	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.15	3893.594	4273.974	11.388	11.9	-4.9	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.15	3848.417	4006.178	12.008	12.5	0.2	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.15	4056.927	4500.704	11.267	11.8	-5.9	NO		NO	MM
5	5 180912M1_6	Standard	12.500	4.15	3698.742	4234.254	10.919	11.4	-8.8	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.15	3969.500	4237.646	11.709	12.2	-2.3	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.15	4141.365	4287.351	12.074	12.6	0.8	NO		NO	bb
8	8 180912M1_9	Standard	12.500	4.15	4442.357	3672.508	15.120	15.8	26.2	NO		NO	MM
9	9 180912M1_10	Standard	12.500	4.15	5703.784	3413.710	20.886	21.8	74.4	NO		NO	bbX
10	10 180912M1_11	Standard	12.500	4.15	7559.555	3218.675	29.358	30.6	145.1	NO		NO	bbX

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Compound name: 13C2-PFOA

Response Factor: 0.687578
 RRF SD: 0.015067, Relative SD: 2.19131
 Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.21	28744.455	42938.637	8.368	12.2	-2.6	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.21	27586.545	41001.367	8.410	12.2	-2.1	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.21	26758.607	39165.426	8.540	12.4	-0.6	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.21	29749.012	43764.363	8.497	12.4	-1.1	NO		NO	bb
5	5 180912M1_6	Standard	12.500	4.21	28634.199	40623.625	8.811	12.8	2.5	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.21	27682.473	40036.605	8.643	12.6	0.6	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.21	26081.723	38601.660	8.446	12.3	-1.7	NO		NO	bb
8	8 180912M1_9	Standard	12.500	4.21	24405.465	35223.699	8.661	12.6	0.8	NO		NO	bb
9	9 180912M1_10	Standard	12.500	4.21	23247.785	33809.297	8.595	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	4.21	21408.572	29812.422	8.976	13.1	4.4	NO		NO	bb

Compound name: 13C5-PFNA

Response Factor: 0.976425
 RRF SD: 0.031983, Relative SD: 3.27552
 Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.65	29657.789	30692.430	12.079	12.4	-1.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.65	29361.340	29382.041	12.491	12.8	2.3	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.65	27947.555	29641.076	11.786	12.1	-3.4	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.65	31217.951	30240.670	12.904	13.2	5.7	NO		NO	bb
5	5 180912M1_6	Standard	12.500	4.65	29099.191	30389.748	11.969	12.3	-1.9	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.65	29051.504	29648.746	12.248	12.5	0.4	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.65	27980.561	28098.398	12.448	12.7	2.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	4.65	24973.025	25469.740	12.256	12.6	0.4	NO		NO	bb
9	9 180912M1_10	Standard	12.500	4.65	22925.627	24958.578	11.482	11.8	-5.9	NO		NO	bb
10	10 180912M1_11	Standard	12.500	4.65	20157.686	20335.785	12.391	12.7	1.5	NO		NO	bb

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Compound name: 13C8-PFOSA

Response Factor: 0.197706

RRF SD: 0.00672486, Relative SD: 3.40145

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.71	7322.169	36050.750	2.539	12.8	2.7	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.71	7431.427	37287.906	2.491	12.6	0.8	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.71	6839.386	34997.656	2.443	12.4	-1.2	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.71	7614.372	40408.313	2.355	11.9	-4.7	NO		NO	bb
5	5 180912M1_6	Standard	12.500	4.71	7309.660	37098.371	2.463	12.5	-0.3	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.71	6968.926	35455.281	2.457	12.4	-0.6	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.71	6821.759	35600.355	2.395	12.1	-3.1	NO		NO	MM
8	8 180912M1_9	Standard	12.500	4.71	6264.385	32621.863	2.400	12.1	-2.9	NO		NO	bb
9	9 180912M1_10	Standard	12.500	4.71	5894.702	29204.627	2.523	12.8	2.1	NO		NO	bb
10	10 180912M1_11	Standard	12.500	4.71	5278.511	24933.059	2.646	13.4	7.1	NO		NO	bb

Compound name: 13C8-PFOS

Response Factor: 1.05659

RRF SD: 0.0455867, Relative SD: 4.31449

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.74	4458.230	4324.199	12.887	12.2	-2.4	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.74	4557.154	4273.974	13.328	12.6	0.9	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.74	4288.360	4006.178	13.380	12.7	1.3	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.74	4664.713	4500.704	12.956	12.3	-1.9	NO		NO	bb
5	5 180912M1_6	Standard	12.500	4.74	4377.011	4234.254	12.921	12.2	-2.2	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.74	4529.016	4237.646	13.359	12.6	1.2	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.74	4238.600	4287.351	12.358	11.7	-6.4	NO		NO	bb
8	8 180912M1_9	Standard	12.500	4.74	3811.569	3672.508	12.973	12.3	-1.8	NO		NO	bb
9	9 180912M1_10	Standard	12.500	4.74	3974.082	3413.710	14.552	13.8	10.2	NO		NO	bb
10	10 180912M1_11	Standard	12.500	4.74	3439.790	3218.675	13.359	12.6	1.1	NO		NO	MM

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Compound name: 13C2-PFDA

Response Factor: 0.805721

RRF SD: 0.0187014, Relative SD: 2.32108

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	5.03	25985.822	33003.824	9.842	12.2	-2.3	NO		NO	bb
2	2 180912M1_3	Standard	12.500	5.03	26868.094	32875.215	10.216	12.7	1.4	NO		NO	bb
3	3 180912M1_4	Standard	12.500	5.03	25188.646	30896.268	10.191	12.6	1.2	NO		NO	bb
4	4 180912M1_5	Standard	12.500	5.03	27360.838	33861.891	10.100	12.5	0.3	NO		NO	bb
5	5 180912M1_6	Standard	12.500	5.03	26275.346	31296.047	10.495	13.0	4.2	NO		NO	bb
6	6 180912M1_7	Standard	12.500	5.03	24667.375	31755.074	9.710	12.1	-3.6	NO		NO	bb
7	7 180912M1_8	Standard	12.500	5.03	22919.855	29236.375	9.799	12.2	-2.7	NO		NO	bb
8	8 180912M1_9	Standard	12.500	5.03	23438.123	28805.992	10.171	12.6	1.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	5.03	21213.297	26097.521	10.161	12.6	0.9	NO		NO	bb
10	10 180912M1_11	Standard	12.500	5.03	17753.086	22123.063	10.031	12.4	-0.4	NO		NO	bb

Compound name: 13C2-8:2 FTS

Response Factor: 0.812011

RRF SD: 0.118973, Relative SD: 14.6516

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	5.00	3240.076	4324.199	9.366	11.5	-7.7	NO		NO	bb
2	2 180912M1_3	Standard	12.500	5.00	3033.587	4273.974	8.872	10.9	-12.6	NO		NO	bb
3	3 180912M1_4	Standard	12.500	5.00	3197.228	4006.178	9.976	12.3	-1.7	NO		NO	bd
4	4 180912M1_5	Standard	12.500	5.00	3320.207	4500.704	9.221	11.4	-9.2	NO		NO	bb
5	5 180912M1_6	Standard	12.500	5.00	3321.352	4234.254	9.805	12.1	-3.4	NO		NO	bb
6	6 180912M1_7	Standard	12.500	5.00	3302.401	4237.646	9.741	12.0	-4.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	5.00	3646.098	4287.351	10.630	13.1	4.7	NO		NO	bb
8	8 180912M1_9	Standard	12.500	5.00	3992.380	3672.508	13.589	16.7	33.9	NO		NO	bb
9	9 180912M1_10	Standard	12.500	5.00	5164.687	3413.710	18.912	23.3	86.3	NO		NO	bbX
10	10 180912M1_11	Standard	12.500	5.00	6754.611	3218.675	26.232	32.3	158.4	NO		NO	bbX

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Compound name: d3-N-MeFOSAA

Response Factor: 0.208063

RRF SD: 0.00784478, Relative SD: 3.77039

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	5.18	7897.722	36050.750	2.738	13.2	5.3	NO		NO	bb
2	2 180912M1_3	Standard	12.500	5.18	7723.013	37287.906	2.589	12.4	-0.5	NO		NO	bb
3	3 180912M1_4	Standard	12.500	5.18	7137.133	34997.656	2.549	12.3	-2.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	5.18	8063.670	40408.313	2.494	12.0	-4.1	NO		NO	bb
5	5 180912M1_6	Standard	12.500	5.18	7376.523	37098.371	2.485	11.9	-4.4	NO		NO	bb
6	6 180912M1_7	Standard	12.500	5.18	7349.308	35455.281	2.591	12.5	-0.4	NO		NO	bb
7	7 180912M1_8	Standard	12.500	5.18	7296.082	35600.355	2.562	12.3	-1.5	NO		NO	bb
8	8 180912M1_9	Standard	12.500	5.18	6787.723	32621.863	2.601	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	5.18	6075.668	29204.627	2.600	12.5	-0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	5.18	5579.384	24933.059	2.797	13.4	7.6	NO		NO	bb

Compound name: 13C2-PFUdA

Response Factor: 0.92485

RRF SD: 0.0302277, Relative SD: 3.26839

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	5.36	34817.031	36050.750	12.072	13.1	4.4	NO		NO	bb
2	2 180912M1_3	Standard	12.500	5.36	34922.332	37287.906	11.707	12.7	1.3	NO		NO	bb
3	3 180912M1_4	Standard	12.500	5.35	33504.820	34997.656	11.967	12.9	3.5	NO		NO	bb
4	4 180912M1_5	Standard	12.500	5.36	36187.828	40408.313	11.194	12.1	-3.2	NO		NO	bb
5	5 180912M1_6	Standard	12.500	5.36	33662.742	37098.371	11.342	12.3	-1.9	NO		NO	bb
6	6 180912M1_7	Standard	12.500	5.36	32929.047	35455.281	11.609	12.6	0.4	NO		NO	bb
7	7 180912M1_8	Standard	12.500	5.36	31069.396	35600.355	10.909	11.8	-5.6	NO		NO	bb
8	8 180912M1_9	Standard	12.500	5.36	29817.691	32621.863	11.426	12.4	-1.2	NO		NO	bb
9	9 180912M1_10	Standard	12.500	5.36	26617.352	29204.627	11.393	12.3	-1.5	NO		NO	bb
10	10 180912M1_11	Standard	12.500	5.36	23909.529	24933.059	11.987	13.0	3.7	NO		NO	bb

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Compound name: d5-N-EtFOSAA

Response Factor: 0.252375

RRF SD: 0.00896156, Relative SD: 3.55089

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	5.34	9897.879	36050.750	3.432	13.6	8.8	NO		NO	bb
2	2 180912M1_3	Standard	12.500	5.34	9395.542	37287.906	3.150	12.5	-0.2	NO		NO	bb
3	3 180912M1_4	Standard	12.500	5.34	8806.795	34997.656	3.145	12.5	-0.3	NO		NO	bb
4	4 180912M1_5	Standard	12.500	5.34	10108.333	40408.313	3.127	12.4	-0.9	NO		NO	bb
5	5 180912M1_6	Standard	12.500	5.34	9367.184	37098.371	3.156	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	5.34	9128.894	35455.281	3.218	12.8	2.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	5.34	8710.349	35600.355	3.058	12.1	-3.1	NO		NO	bb
8	8 180912M1_9	Standard	12.500	5.34	7909.928	32621.863	3.031	12.0	-3.9	NO		NO	bb
9	9 180912M1_10	Standard	12.500	5.34	7371.267	29204.627	3.155	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	5.34	6131.285	24933.059	3.074	12.2	-2.6	NO		NO	bb

Compound name: 13C2-PFDoA

Response Factor: 0.984569

RRF SD: 0.0435245, Relative SD: 4.42066

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	5.64	30525.887	33003.824	11.561	11.7	-6.1	NO		NO	bb
2	2 180912M1_3	Standard	12.500	5.64	31659.500	32875.215	12.038	12.2	-2.2	NO		NO	bb
3	3 180912M1_4	Standard	12.500	5.64	30755.609	30896.268	12.443	12.6	1.1	NO		NO	bb
4	4 180912M1_5	Standard	12.500	5.64	32597.236	33861.891	12.033	12.2	-2.2	NO		NO	bb
5	5 180912M1_6	Standard	12.500	5.64	31831.096	31296.047	12.714	12.9	3.3	NO		NO	bb
6	6 180912M1_7	Standard	12.500	5.64	29531.867	31755.074	11.625	11.8	-5.5	NO		NO	bb
7	7 180912M1_8	Standard	12.500	5.64	29254.750	29236.375	12.508	12.7	1.6	NO		NO	bb
8	8 180912M1_9	Standard	12.500	5.64	27916.094	28805.992	12.114	12.3	-1.6	NO		NO	bb
9	9 180912M1_10	Standard	12.500	5.64	26480.129	26097.521	12.683	12.9	3.1	NO		NO	bb
10	10 180912M1_11	Standard	12.500	5.64	23631.158	22123.063	13.352	13.6	8.5	NO		NO	bb

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Compound name: d3-N-MeFOSA

Response Factor: 0.0462661

RRF SD: 0.00487937, Relative SD: 10.5463

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	150.000	5.76	19644.328	36050.750	6.811	147.2	-1.9	NO		NO	bb
2	2 180912M1_3	Standard	150.000	5.76	18826.652	37287.906	6.311	136.4	-9.1	NO		NO	bb
3	3 180912M1_4	Standard	150.000	5.76	18524.590	34997.656	6.616	143.0	-4.7	NO		NO	MM
4	4 180912M1_5	Standard	150.000	5.76	19988.469	40408.313	6.183	133.6	-10.9	NO		NO	bb
5	5 180912M1_6	Standard	150.000	5.76	19105.801	37098.371	6.438	139.1	-7.2	NO		NO	bb
6	6 180912M1_7	Standard	150.000	5.76	19151.689	35455.281	6.752	145.9	-2.7	NO		NO	bb
7	7 180912M1_8	Standard	150.000	5.76	19137.604	35600.355	6.720	145.2	-3.2	NO		NO	bb
8	8 180912M1_9	Standard	150.000	5.76	19109.516	32621.863	7.322	158.3	5.5	NO		NO	bb
9	9 180912M1_10	Standard	150.000	5.76	17867.102	29204.627	7.647	165.3	10.2	NO		NO	bb
10	10 180912M1_11	Standard	150.000	5.76	17149.965	24933.059	8.598	185.8	23.9	NO		NO	bb

Compound name: 13C2-PFTeDA

Response Factor: 0.573893

RRF SD: 0.0520805, Relative SD: 9.07495

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	6.11	19889.551	36050.750	6.896	12.0	-3.9	NO		NO	bb
2	2 180912M1_3	Standard	12.500	6.11	19755.086	37287.906	6.622	11.5	-7.7	NO		NO	bb
3	3 180912M1_4	Standard	12.500	6.11	20419.287	34997.656	7.293	12.7	1.7	NO		NO	bb
4	4 180912M1_5	Standard	12.500	6.11	21034.957	40408.313	6.507	11.3	-9.3	NO		NO	bb
5	5 180912M1_6	Standard	12.500	6.11	20323.273	37098.371	6.848	11.9	-4.5	NO		NO	bb
6	6 180912M1_7	Standard	12.500	6.11	20259.123	35455.281	7.142	12.4	-0.4	NO		NO	bb
7	7 180912M1_8	Standard	12.500	6.11	18869.959	35600.355	6.626	11.5	-7.6	NO		NO	bb
8	8 180912M1_9	Standard	12.500	6.11	19272.600	32621.863	7.385	12.9	2.9	NO		NO	bb
9	9 180912M1_10	Standard	12.500	6.11	18157.967	29204.627	7.772	13.5	8.3	NO		NO	bb
10	10 180912M1_11	Standard	12.500	6.11	17243.756	24933.059	8.645	15.1	20.5	NO		NO	bb

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Compound name: d5-N-ETFOSA

Response Factor: 0.0521545

RRF SD: 0.0027485, Relative SD: 5.26992

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	150.000	6.18	22478.059	36050.750	7.794	149.4	-0.4	NO		NO	bb
2	2 180912M1_3	Standard	150.000	6.18	22480.467	37287.906	7.536	144.5	-3.7	NO		NO	bb
3	3 180912M1_4	Standard	150.000	6.18	21698.721	34997.656	7.750	148.6	-0.9	NO		NO	bb
4	4 180912M1_5	Standard	150.000	6.18	23310.674	40408.313	7.211	138.3	-7.8	NO		NO	bb
5	5 180912M1_6	Standard	150.000	6.18	22337.158	37098.371	7.526	144.3	-3.8	NO		NO	bb
6	6 180912M1_7	Standard	150.000	6.18	22076.574	35455.281	7.783	149.2	-0.5	NO		NO	bb
7	7 180912M1_8	Standard	150.000	6.18	21760.229	35600.355	7.640	146.5	-2.3	NO		NO	bb
8	8 180912M1_9	Standard	150.000	6.18	21175.230	32621.863	8.114	155.6	3.7	NO		NO	bb
9	9 180912M1_10	Standard	150.000	6.18	19188.418	29204.627	8.213	157.5	5.0	NO		NO	bb
10	10 180912M1_11	Standard	150.000	6.18	17281.408	24933.059	8.664	166.1	10.7	NO		NO	bb

Compound name: 13C2-PFHxDA

Response Factor: 0.76299

RRF SD: 0.0693238, Relative SD: 9.0858

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	5.000	6.46	10309.527	36050.750	3.575	4.7	-6.3	NO		NO	bb
2	2 180912M1_3	Standard	5.000	6.45	10498.073	37287.906	3.519	4.6	-7.8	NO		NO	bb
3	3 180912M1_4	Standard	5.000	6.45	10654.145	34997.656	3.805	5.0	-0.3	NO		NO	bb
4	4 180912M1_5	Standard	5.000	6.45	11198.609	40408.313	3.464	4.5	-9.2	NO		NO	bb
5	5 180912M1_6	Standard	5.000	6.45	10939.300	37098.371	3.686	4.8	-3.4	NO		NO	bb
6	6 180912M1_7	Standard	5.000	6.45	10778.348	35455.281	3.800	5.0	-0.4	NO		NO	MM
7	7 180912M1_8	Standard	5.000	6.46	10541.097	35600.355	3.701	4.9	-3.0	NO		NO	bb
8	8 180912M1_9	Standard	5.000	6.46	9904.744	32621.863	3.795	5.0	-0.5	NO		NO	bb
9	9 180912M1_10	Standard	5.000	6.45	9778.109	29204.627	4.185	5.5	9.7	NO		NO	bb
10	10 180912M1_11	Standard	5.000	6.46	9212.334	24933.059	4.619	6.1	21.1	NO		NO	bb

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Compound name: d7-N-MeFOSE

Response Factor: 0.0453267

RRF SD: 0.00560987, Relative SD: 12.3765

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	150.000	6.34	18906.707	36050.750	6.556	144.6	-3.6	NO		NO	bb
2	2 180912M1_3	Standard	150.000	6.33	18615.186	37287.906	6.240	137.7	-8.2	NO		NO	bb
3	3 180912M1_4	Standard	150.000	6.33	17766.971	34997.656	6.346	140.0	-6.7	NO		NO	bb
4	4 180912M1_5	Standard	150.000	6.33	19446.854	40408.313	6.016	132.7	-11.5	NO		NO	bb
5	5 180912M1_6	Standard	150.000	6.33	18834.365	37098.371	6.346	140.0	-6.7	NO		NO	bb
6	6 180912M1_7	Standard	150.000	6.33	18367.531	35455.281	6.476	142.9	-4.8	NO		NO	bb
7	7 180912M1_8	Standard	150.000	6.33	18795.557	35600.355	6.599	145.6	-2.9	NO		NO	bb
8	8 180912M1_9	Standard	150.000	6.34	18183.203	32621.863	6.967	153.7	2.5	NO		NO	MM
9	9 180912M1_10	Standard	150.000	6.33	17774.338	29204.627	7.608	167.8	11.9	NO		NO	bb
10	10 180912M1_11	Standard	150.000	6.33	17625.346	24933.059	8.836	194.9	30.0	NO		NO	bb

Compound name: d9-N-EtFOSE

Response Factor: 0.0438462

RRF SD: 0.00539991, Relative SD: 12.3156

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	150.000	6.49	18264.031	36050.750	6.333	144.4	-3.7	NO		NO	bb
2	2 180912M1_3	Standard	150.000	6.49	18053.723	37287.906	6.052	138.0	-8.0	NO		NO	bb
3	3 180912M1_4	Standard	150.000	6.48	17382.154	34997.656	6.208	141.6	-5.6	NO		NO	bb
4	4 180912M1_5	Standard	150.000	6.49	19003.029	40408.313	5.878	134.1	-10.6	NO		NO	bb
5	5 180912M1_6	Standard	150.000	6.48	18186.723	37098.371	6.128	139.8	-6.8	NO		NO	bb
6	6 180912M1_7	Standard	150.000	6.48	17839.256	35455.281	6.289	143.4	-4.4	NO		NO	bb
7	7 180912M1_8	Standard	150.000	6.48	17766.961	35600.355	6.238	142.3	-5.1	NO		NO	bb
8	8 180912M1_9	Standard	150.000	6.49	17554.250	32621.863	6.726	153.4	2.3	NO		NO	bb
9	9 180912M1_10	Standard	150.000	6.48	17199.387	29204.627	7.362	167.9	11.9	NO		NO	bb
10	10 180912M1_11	Standard	150.000	6.48	17062.230	24933.059	8.554	195.1	30.1	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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Compound name: 13C4-PFBA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	1.25	14256.928	14256.928	12.500	12.5	0.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	1.25	13481.462	13481.462	12.500	12.5	0.0	NO		NO	bb
3	3 180912M1_4	Standard	12.500	1.25	13434.227	13434.227	12.500	12.5	0.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	1.25	14012.183	14012.183	12.500	12.5	0.0	NO		NO	bb
5	5 180912M1_6	Standard	12.500	1.25	13872.053	13872.053	12.500	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	1.25	12999.652	12999.652	12.500	12.5	0.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	1.25	12985.019	12985.019	12.500	12.5	0.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	1.25	12905.102	12905.102	12.500	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	1.25	12949.625	12949.625	12.500	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	1.25	12678.084	12678.084	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	3.05	34614.539	34614.539	12.500	12.5	0.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	3.05	34335.520	34335.520	12.500	12.5	0.0	NO		NO	bb
3	3 180912M1_4	Standard	12.500	3.05	32683.473	32683.473	12.500	12.5	0.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	3.05	35909.898	35909.898	12.500	12.5	0.0	NO		NO	bb
5	5 180912M1_6	Standard	12.500	3.05	33886.867	33886.867	12.500	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	3.05	32678.898	32678.898	12.500	12.5	0.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	3.05	32239.291	32239.291	12.500	12.5	0.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	3.05	30516.027	30516.027	12.500	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	3.05	28115.084	28115.084	12.500	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	3.05	24533.816	24533.816	12.500	12.5	0.0	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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Compound name: 13C3-PFHxS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	3.83	3933.582	3933.582	12.500	12.5	0.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	3.83	4036.466	4036.466	12.500	12.5	0.0	NO		NO	bb
3	3 180912M1_4	Standard	12.500	3.83	3757.405	3757.405	12.500	12.5	0.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	3.83	4151.548	4151.548	12.500	12.5	0.0	NO		NO	bb
5	5 180912M1_6	Standard	12.500	3.83	3933.483	3933.483	12.500	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	3.83	3859.763	3859.763	12.500	12.5	0.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	3.83	3684.871	3684.871	12.500	12.5	0.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	3.83	3528.356	3528.356	12.500	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	3.83	3375.398	3375.398	12.500	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	3.83	2881.999	2881.999	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C8-PFOA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.21	42938.637	42938.637	12.500	12.5	0.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.21	41001.367	41001.367	12.500	12.5	0.0	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.21	39165.426	39165.426	12.500	12.5	0.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.21	43764.363	43764.363	12.500	12.5	0.0	NO		NO	bb
5	5 180912M1_6	Standard	12.500	4.21	40623.625	40623.625	12.500	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.21	40036.605	40036.605	12.500	12.5	0.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.21	38601.660	38601.660	12.500	12.5	0.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	4.21	35223.699	35223.699	12.500	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	4.21	33809.297	33809.297	12.500	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	4.21	29812.422	29812.422	12.500	12.5	0.0	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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Compound name: 13C9-PFNA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.65	30692.430	30692.430	12.500	12.5	0.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.65	29382.041	29382.041	12.500	12.5	0.0	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.65	29641.076	29641.076	12.500	12.5	0.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.65	30240.670	30240.670	12.500	12.5	0.0	NO		NO	bb
5	5 180912M1_6	Standard	12.500	4.65	30389.748	30389.748	12.500	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.65	29648.746	29648.746	12.500	12.5	0.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.65	28098.398	28098.398	12.500	12.5	0.0	NO		NO	bb
8	8 180912M1_9	Standard	12.500	4.65	25469.740	25469.740	12.500	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	4.65	24958.578	24958.578	12.500	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	4.65	20335.785	20335.785	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180912M1_2	Standard	12.500	4.74	4324.199	4324.199	12.500	12.5	0.0	NO		NO	bb
2	2 180912M1_3	Standard	12.500	4.74	4273.974	4273.974	12.500	12.5	0.0	NO		NO	bb
3	3 180912M1_4	Standard	12.500	4.74	4006.178	4006.178	12.500	12.5	0.0	NO		NO	bb
4	4 180912M1_5	Standard	12.500	4.74	4500.704	4500.704	12.500	12.5	0.0	NO		NO	bb
5	5 180912M1_6	Standard	12.500	4.74	4234.254	4234.254	12.500	12.5	0.0	NO		NO	bb
6	6 180912M1_7	Standard	12.500	4.74	4237.646	4237.646	12.500	12.5	0.0	NO		NO	bb
7	7 180912M1_8	Standard	12.500	4.74	4287.351	4287.351	12.500	12.5	0.0	NO		NO	bd
8	8 180912M1_9	Standard	12.500	4.74	3672.508	3672.508	12.500	12.5	0.0	NO		NO	bb
9	9 180912M1_10	Standard	12.500	4.74	3413.710	3413.710	12.500	12.5	0.0	NO		NO	bb
10	10 180912M1_11	Standard	12.500	4.74	3218.675	3218.675	12.500	12.5	0.0	NO		NO	bd

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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Compound name: 13C6-PFDA

Response Factor: 1
 RRF SD: 0, Relative SD: 0
 Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180912M1_2	Standard	12.500	5.03	33003.824	33003.824	12.500	12.5	0.0	NO		NO	bb
2	180912M1_3	Standard	12.500	5.03	32875.215	32875.215	12.500	12.5	0.0	NO		NO	bb
3	180912M1_4	Standard	12.500	5.03	30896.268	30896.268	12.500	12.5	0.0	NO		NO	bb
4	180912M1_5	Standard	12.500	5.03	33861.891	33861.891	12.500	12.5	0.0	NO		NO	bb
5	180912M1_6	Standard	12.500	5.03	31296.047	31296.047	12.500	12.5	0.0	NO		NO	bb
6	180912M1_7	Standard	12.500	5.03	31755.074	31755.074	12.500	12.5	0.0	NO		NO	bb
7	180912M1_8	Standard	12.500	5.03	29236.375	29236.375	12.500	12.5	0.0	NO		NO	bb
8	180912M1_9	Standard	12.500	5.03	28805.992	28805.992	12.500	12.5	0.0	NO		NO	bb
9	180912M1_10	Standard	12.500	5.03	26097.521	26097.521	12.500	12.5	0.0	NO		NO	bb
10	180912M1_11	Standard	12.500	5.03	22123.063	22123.063	12.500	12.5	0.0	NO		NO	bd

Compound name: 13C7-PFUdA

Response Factor: 1
 RRF SD: 0, Relative SD: 0
 Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180912M1_2	Standard	12.500	5.36	36050.750	36050.750	12.500	12.5	0.0	NO		NO	bb
2	180912M1_3	Standard	12.500	5.36	37287.906	37287.906	12.500	12.5	0.0	NO		NO	bb
3	180912M1_4	Standard	12.500	5.36	34997.656	34997.656	12.500	12.5	0.0	NO		NO	bb
4	180912M1_5	Standard	12.500	5.36	40408.313	40408.313	12.500	12.5	0.0	NO		NO	bb
5	180912M1_6	Standard	12.500	5.36	37098.371	37098.371	12.500	12.5	0.0	NO		NO	bb
6	180912M1_7	Standard	12.500	5.36	35455.281	35455.281	12.500	12.5	0.0	NO		NO	bb
7	180912M1_8	Standard	12.500	5.36	35600.355	35600.355	12.500	12.5	0.0	NO		NO	bb
8	180912M1_9	Standard	12.500	5.36	32621.863	32621.863	12.500	12.5	0.0	NO		NO	bb
9	180912M1_10	Standard	12.500	5.36	29204.627	29204.627	12.500	12.5	0.0	NO		NO	bb
10	180912M1_11	Standard	12.500	5.36	24933.059	24933.059	12.500	12.5	0.0	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

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Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 11 Sep 2018 11:40:50

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Name: 180912M1_2, Date: 12-Sep-2018, Time: 13:55:11, ID: ST180912M1-1 PFC CS-2 18I0612, Description: PFC CS-2 18I0612

#	Name	IS#	CoD	CoD Flag	%RSD
1	1 PFBA	36	0.9997	NO	
2	2 PFPeA	37	0.9999	NO	
3	3 PFBS	38	0.9998	NO	
4	4 4:2 FTS	39	0.9996	NO	
5	5 PFHxA	40	0.9999	NO	
6	6 PFPeS	38	0.9996	NO	
7	7 PFHpA	41	0.9990	NO	
8	8 L-PFHxS	42	0.9996	NO	
9	10 6:2 FTS	43	0.9990	NO	
10	11 L-PFOA	44	1.0000	NO	
11	13 PFHpS	47	0.9990	NO	
12	14 PFNA	45	0.9999	NO	
13	15 PFOSA	46	0.9999	NO	
14	16 L-PFOS	47	0.9992	NO	
15	18 PFDA	48	0.9999	NO	
16	19 8:2 FTS	49	0.9994	NO	
17	20 PFNS	47	0.9984	NO	
18	21 L-MeFOSAA	50	0.9996	NO	
19	23 L-EFOSAA	52	0.9995	NO	

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:48:33 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 11 Sep 2018 11:40:50

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Name: 180912M1_2, Date: 12-Sep-2018, Time: 13:55:11, ID: ST180912M1-1 PFC CS-2 18I0612, Description: PFC CS-2 18I0612

#	Name	IS#	CoD	CoD Flag	%RSD
1	25 PFUdA	51	1.0000	NO	
2	26 PFDS	47	0.9993	NO	
3	27 PFDoA	53	0.9999	NO	
4	28 N-MeFOSA	54	0.9998	NO	
5	29 PFTrDA	53	0.9997	NO	
6	30 PFTeDA	55	0.9998	NO	
7	31 N-EtFOSA	56	0.9999	NO	
8	32 PFHxDA	57	0.9999	NO	
9	33 PFODA	57	0.9999	NO	
10	34 N-MeFOSE	58	1.0000	NO	
11	35 N-EtFOSE	59	1.0000	NO	
12	36 13C3-PFBA	60		NO	1.046
13	37 13C3-PFPeA	61		NO	3.143
14	38 13C3-PFBS	62		NO	2.676
15	39 13C2-4:2 FTS	62		NO	8.607
16	40 13C2-PFHxA	61		NO	2.902
17	41 13C4-PFHpA	61		NO	2.736
18	42 18O2-PFHxS	62		NO	4.482
19	43 13C2-6:2 FTS	65		NO	11.082
20	44 13C2-PFOA	63		NO	2.191
21	45 13C5-PFNA	64		NO	3.276
22	46 13C8-PFOSA	67		NO	3.401
23	47 13C8-PFOS	65		NO	4.314
24	48 13C2-PFDA	66		NO	2.321
25	49 13C2-8:2 FTS	65		NO	14.652
26	50 d3-N-MeFOSAA	67		NO	3.770
27	51 13C2-PFUdA	67		NO	3.268
28	52 d5-N-EtFOSAA	67		NO	3.551
29	53 13C2-PFDoA	66		NO	4.421
30	54 d3-N-MeFOSA	67		NO	10.546
31	55 13C2-PFTeDA	67		NO	9.075

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

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Name: 180912M1_2, Date: 12-Sep-2018, Time: 13:55:11, ID: ST180912M1-1 PFC CS-2 18I0612, Description: PFC CS-2 18I0612

#	Name	IS#	CoD	CoD Flag	%RSD
32	56 d5-N-ETFOSA	67		NO	5.270
33	57 13C2-PFHxDA	67		NO	9.086
34	58 d7-N-MeFOSE	67		NO	12.377
35	59 d9-N-EtFOSE	67		NO	12.316
36	60 13C4-PFBA	60		NO	0.000
37	61 13C5-PFHxA	61		NO	0.000
38	62 13C3-PFHxS	62		NO	0.000
39	63 13C8-PFOA	63		NO	0.000
40	64 13C9-PFNA	64		NO	0.000
41	65 13C4-PFOS	65		NO	0.000
42	66 13C6-PFDA	66		NO	0.000
43	67 13C7-PFUdA	67		NO	0.000

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:49:53 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 11 Sep 2018 11:40:50

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Name: 180912M1_7, Date: 12-Sep-2018, Time: 14:48:06, ID: ST180912M1-6 PFC CS3 18I0617, Description: PFC CS3 18I0617

	Name	Ion Ratio	Ratio out?
1	PFBA		
2	PFPeA		
3	PFBS	2.626	NO
4	4:2 FTS	1.809	NO
5	PFHxA	15.094	NO
6	PFPeS	1.627	NO
7	PFHpA	11.770	NO
8	L-PFHxS	1.594	NO
9	6:2 FTS	2.886	NO
10	L-PFOA	3.513	NO
11	PFHpS	2.016	NO
12	PFNA	4.413	NO
13	PFOSA	29.706	NO
14	L-PFOS	1.770	NO
15	PFDA	5.503	NO
16	8:2 FTS	2.102	NO
17	PFNS	1.602	NO
18	L-MeFOSAA	2.678	NO
19	L-EtFOSAA	1.482	NO

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-CRV.qld

Last Altered: Wednesday, September 12, 2018 16:43:11 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:50:01 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 11 Sep 2018 11:40:50

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Name: 180912M1_7, Date: 12-Sep-2018, Time: 14:48:06, ID: ST180912M1-6 PFC CS3 18I0617, Description: PFC CS3 18I0617

	Name	Ion Ratio	Ratio out?
1	PFUdA	8.629	NO
2	PFDS	1.701	NO
3	PFDoA	8.581	NO
4	N-MeFOSA	1.609	NO
5	PFTTrDA	22.703	NO
6	PFTeDA	14.074	NO
7	N-EtFOSA	1.670	NO
8	PFHxDA	20.684	NO
9	PFODA		
10	N-MeFOSE		
11	N-EtFOSE		

Dataset: Untitled

Last Altered: Wednesday, September 12, 2018 16:59:57 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 17:00:05 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_091218.mdb 12 Sep 2018 16:25:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_09-12-18.cdb 12 Sep 2018 16:43:11

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 180912M1_1	IPA	12-Sep-18	13:44:34
2	2 180912M1_2	ST180912M1-1 PFC CS-2 18I0612	12-Sep-18	13:55:11
3	3 180912M1_3	ST180912M1-2 PFC CS-1 18I0613	12-Sep-18	14:05:43
4	4 180912M1_4	ST180912M1-3 PFC CS0 18I0614	12-Sep-18	14:16:22
5	5 180912M1_5	ST180912M1-4 PFC CS1 18I0615	12-Sep-18	14:26:56
6	6 180912M1_6	ST180912M1-5 PFC CS2 18I0616	12-Sep-18	14:37:34
7	7 180912M1_7	ST180912M1-6 PFC CS3 18I0617	12-Sep-18	14:48:06
8	8 180912M1_8	ST180912M1-7 PFC CS4 18I0618	12-Sep-18	14:58:45
9	9 180912M1_9	ST180912M1-8 PFC CS5 18I0619	12-Sep-18	15:09:18
10	10 180912M1_10	ST180912M1-9 PFC CS6 18I0620	12-Sep-18	15:19:48
11	11 180912M1_11	ST180912M1-10 PFC CS7 18I0621	12-Sep-18	15:30:26
12	12 180912M1_12	IPA	12-Sep-18	15:40:59
13	13 180912M1_13	ICV180912M1-1 PFC ICV 18I0622	12-Sep-18	15:51:38

ICV

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-ICV.qld

Last Altered: Wednesday, September 12, 2018 16:56:37 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:57:43 Pacific Daylight Time

VAD 9/13/18

Name: 180912M1_13, Date: 12-Sep-2018, Time: 15:51:38, ID: ICV180912M1-1 PFC ICV 1810622, Description: PFC ICV 1810622

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	9190.493	9954.746	1.00	1.26	11.540	9.9	98.8	NO		
2	2 PFPeA	263.1 > 218.9	13381.960	17908.346	1.00	2.26	9.341	10.0	99.8	NO		
3	3 PFBS	299.0 > 79.7	2528.303	2053.969	1.00	2.55	15.387	8.7	86.9	NO	2.655	NO
4	4 4:2 FTS	327.2>307.2	3749.034	3701.907	1.00	2.96	12.659	10.1	100.8	NO	1.782	NO
5	5 PFHxA	313 > 269	23853.023	11323.462	1.00	3.05	10.533	10.1	101.1	NO	15.648	NO
6	6 PFPeS	349.1>80.1	2480.812	2053.969	1.00	3.26	15.098	9.0	89.8	NO	1.521	NO
7	36 13C3-PFBA	216.1 > 171.8	9954.746	12897.191	1.00	1.26	9.648	12.7	101.4	NO		
8	37 13C3-PFPeA	266. > 221.8	17908.346	32042.824	1.00	2.26	6.986	12.7	101.7	NO		
9	38 13C3-PFBS	302. > 98.8	2053.969	3818.065	1.00	2.55	6.725	12.6	100.7	NO		
10	39 13C2-4:2 FTS	329.2>308.9	3701.907	3818.065	1.00	2.96	12.120	12.0	95.7	NO		
11	40 13C2-PFHxA	315 > 270	11323.462	32042.824	1.00	3.05	4.417	5.0	99.9	NO		
12	38 13C3-PFBS	302. > 98.8	2053.969	3818.065	1.00	2.55	6.725	12.6	100.7	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	4150.813	3738.498	1.00	4.15	13.879	9.4	93.9	NO	3.045	NO
15	7 PFHpA	363.0 > 318.9	14361.481	15295.388	1.00	3.68	11.737	9.9	99.1	NO	11.114	NO
16	8 L-PFHxS	398.9 > 79.6	2061.159	1778.323	1.00	3.83	14.488	8.2	82.2	NO	1.623	NO
17	11 L-PFOA	412.8 > 368.9	30942.705	27335.248	1.00	4.21	14.150	9.5	95.2	NO	3.490	NO
18	13 PFHpS	449 > 80.0	2611.042	4384.968	1.00	4.32	7.443	8.8	87.8	NO	1.693	NO
19	14 PFNA	463.0 > 418.8	24418.619	28197.889	1.00	4.65	10.825	9.7	97.4	NO	4.148	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	3738.498	4058.853	1.00	4.15	11.513	12.0	96.1	NO		
21	41 13C4-PFHpA	367.2 > 321.8	15295.388	32042.824	1.00	3.68	5.967	12.8	102.5	NO		
22	42 18O2-PFHxS	403.0 > 102.6	1778.323	3818.065	1.00	3.83	5.822	12.3	98.6	NO		
23	44 13C2-PFOA	414.9 > 369.7	27335.248	38914.133	1.00	4.21	8.781	12.8	102.2	NO		
24	47 13C8-PFOS	507.0 > 79.9	4384.968	4058.853	1.00	4.74	13.504	12.8	102.2	NO		
25	45 13C5-PFNA	468.2 > 422.9	28197.889	29090.816	1.00	4.65	12.116	12.4	99.3	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	6134.614	7055.239	1.00	4.71	10.869	9.9	98.7	NO	28.380	NO
28	16 L-PFOS	498.9 > 79.9	3277.131	4384.968	1.00	4.74	9.342	9.0	90.3	NO	2.026	NO
29	18 PFDA	513 > 468.8	27347.965	24701.734	1.00	5.03	13.839	9.9	99.0	NO	5.297	NO
30	19 8:2 FTS	527 > 506.9	3491.172	3214.378	1.00	5.00	13.576	10.5	104.6	NO	2.167	NO
31	20 PFNS	549.1 > 80.1	2720.495	4384.968	1.00	5.10	7.755	9.2	92.5	NO	1.563	NO
32	21 L-MeFOSAA	570 > 419	10512.928	7295.767	1.00	5.18	18.012	10.9	109.4	NO	2.793	NO
33	46 13C8-PFOSA	506.1 > 77.7	7055.239	35529.605	1.00	4.71	2.482	12.6	100.4	NO		
34	47 13C8-PFOS	507.0 > 79.9	4384.968	4058.853	1.00	4.74	13.504	12.8	102.2	NO		

DMT 9/12/18

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-ICV.qld

Last Altered: Wednesday, September 12, 2018 16:56:37 Pacific Daylight Time
Printed: Wednesday, September 12, 2018 16:57:43 Pacific Daylight Time

(A) Not in ICV

Name: 180912M1_13, Date: 12-Sep-2018, Time: 15:51:38, ID: ICV180912M1-1 PFC ICV 1810622, Description: PFC ICV 1810622

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	24701.734	31202.449	1.00	5.03	9.896	12.3	98.3	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	3214.378	4058.853	1.00	5.00	9.899	12.2	97.5	NO		
37	47 13C8-PFOS	507.0 > 79.9	4384.968	4058.853	1.00	4.74	13.504	12.8	102.2	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	7295.767	35529.605	1.00	5.18	2.567	12.3	98.7	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	8823.866	8753.448	1.00	5.34	12.601	12.0	119.7	NO	1.610	NO
41	27 PFDoA	612.9 > 569.0	29954.307	31306.727	1.00	5.64	11.960	9.8	98.1	NO	8.152	NO
42	26 PFDS	598.8 > 79.9	3491.953	4384.968	1.00	5.41	9.954	9.5	94.7	NO	1.766	NO
43	25 PFUdA	563.0 > 518.9	24527.369	32020.873	1.00	5.36	9.575	10.1	100.5	NO	8.415	NO
44	28 N-MeFOSA	512.1 > 168.9		19105.084	1.00					NO		
45	29 PFTeDA	662.9 > 618.9	31569.662	31306.727	1.00	5.90	12.605	9.8	98.0	NO	20.855	NO
46	52 d5-N-EtFOSAA	589.3 > 419	8753.448	35529.605	1.00	5.34	3.080	12.2	97.6	NO		
47	53 13C2-PFDoA	615.0 > 569.7	31306.727	31202.449	1.00	5.64	12.542	12.7	101.9	NO		
48	47 13C8-PFOS	507.0 > 79.9	4384.968	4058.853	1.00	4.74	13.504	12.8	102.2	NO		
49	51 13C2-PFUdA	565 > 519.8	32020.873	35529.605	1.00	5.36	11.266	12.2	97.4	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	19105.084	35529.605	1.00	5.76	6.722	145.3	96.9	NO		
51	53 13C2-PFDoA	615.0 > 569.7	31306.727	31202.449	1.00	5.64	12.542	12.7	101.9	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	29982.275	20972.727	1.00	6.11	17.870	9.5	94.9	NO	14.027	NO
54	31 N-EtFOSA	526.1 > 168.9		21343.914	1.00					NO		
55	32 PFHxDA	813.1 > 768.6		10360.105	1.00					NO		
56	33 PFODA	913.1 > 868.8		10360.105	1.00					NO		
57	34 N-MeFOSE	616.1 > 58.9		17773.945	1.00					NO		
58	35 N-EtFOSE	630.1 > 58.9		17668.408	1.00					NO		
59	55 13C2-PFTeDA	714.8 > 669.6	20972.727	35529.605	1.00	6.11	7.379	12.9	102.9	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	21343.914	35529.605	1.00	6.18	7.509	144.0	96.0	NO		
61	57 13C2-PFHxDA	815 > 769.7	10360.105	35529.605	1.00	6.45	3.645	4.8	95.5	NO		
62	57 13C2-PFHxDA	815 > 769.7	10360.105	35529.605	1.00	6.45	3.645	4.8	95.5	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	17773.945	35529.605	1.00	6.33	6.253	138.0	92.0	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	17668.408	35529.605	1.00	6.48	6.216	141.8	94.5	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	12897.191	12897.191	1.00	1.25	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	32042.824	32042.824	1.00	3.05	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	3818.065	3818.065	1.00	3.83	12.500	12.5	100.0	NO		

Dataset: Z:\Projects\PFAS.PRO\Results\180912M1\180912M1-ICV.qld

Last Altered: Wednesday, September 12, 2018 16:56:37 Pacific Daylight Time

Printed: Wednesday, September 12, 2018 16:57:43 Pacific Daylight Time

Name: 180912M1_13, Date: 12-Sep-2018, Time: 15:51:38, ID: ICV180912M1-1 PFC ICV 18I0622, Description: PFC ICV 18I0622

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	38914.133	38914.133	1.00	4.21	12.500	12.5	100.0		NO	
70	64 13C9-PFNA	472.2 > 426.9	29090.816	29090.816	1.00	4.65	12.500	12.5	100.0		NO	
71	65 13C4-PFOS	503 > 79.9	4058.853	4058.853	1.00	4.74	12.500	12.5	100.0		NO	
72	66 13C6-PFDA	519.1 > 473.7	31202.449	31202.449	1.00	5.03	12.500	12.5	100.0		NO	
73	67 13C7-PFUDa	570.1 > 524.8	35529.605	35529.605	1.00	5.36	12.500	12.5	100.0		NO	

TUNE CHECKS

Tunecheck 08-25-18

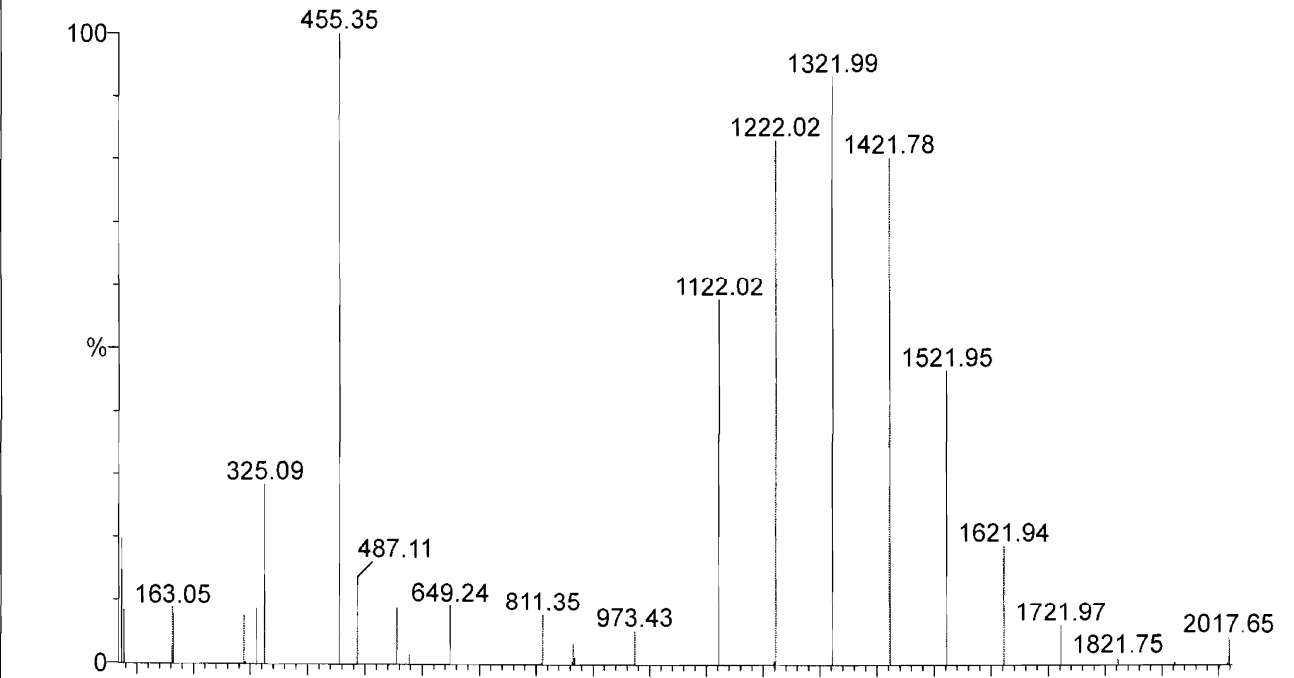
Calibration Verification Report - MS1 Static

20180823

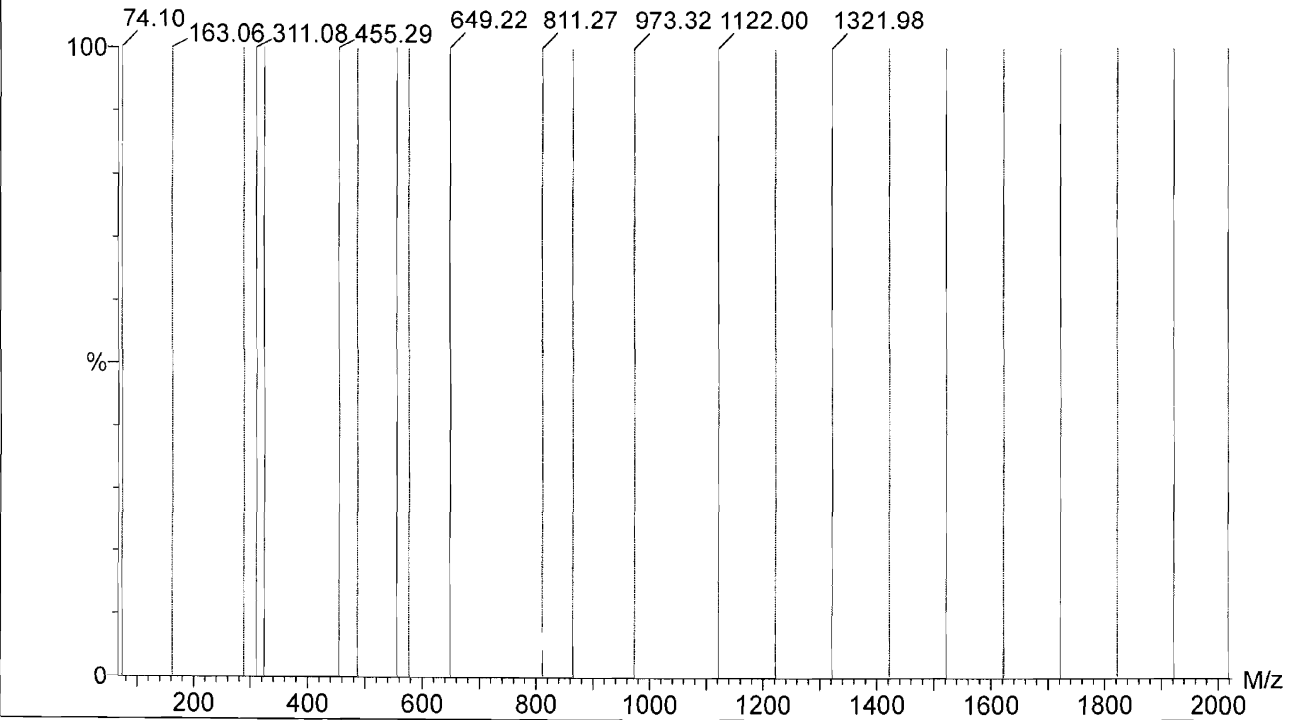
Page 1 of 6

Printed: Sat Aug 25 12:10:05 2018

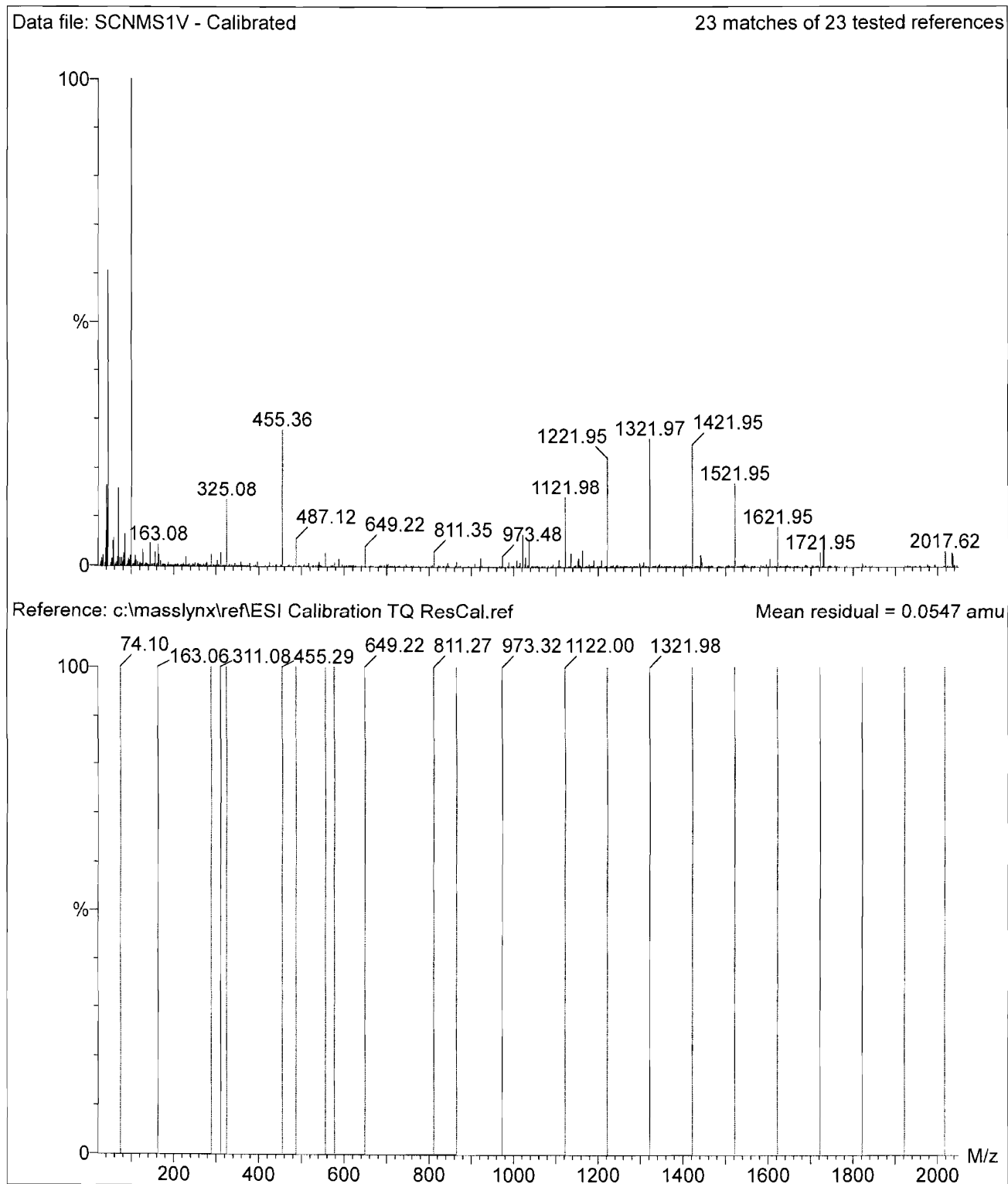
Data file: STATMS1V - Calibrated 22 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.0533 amu

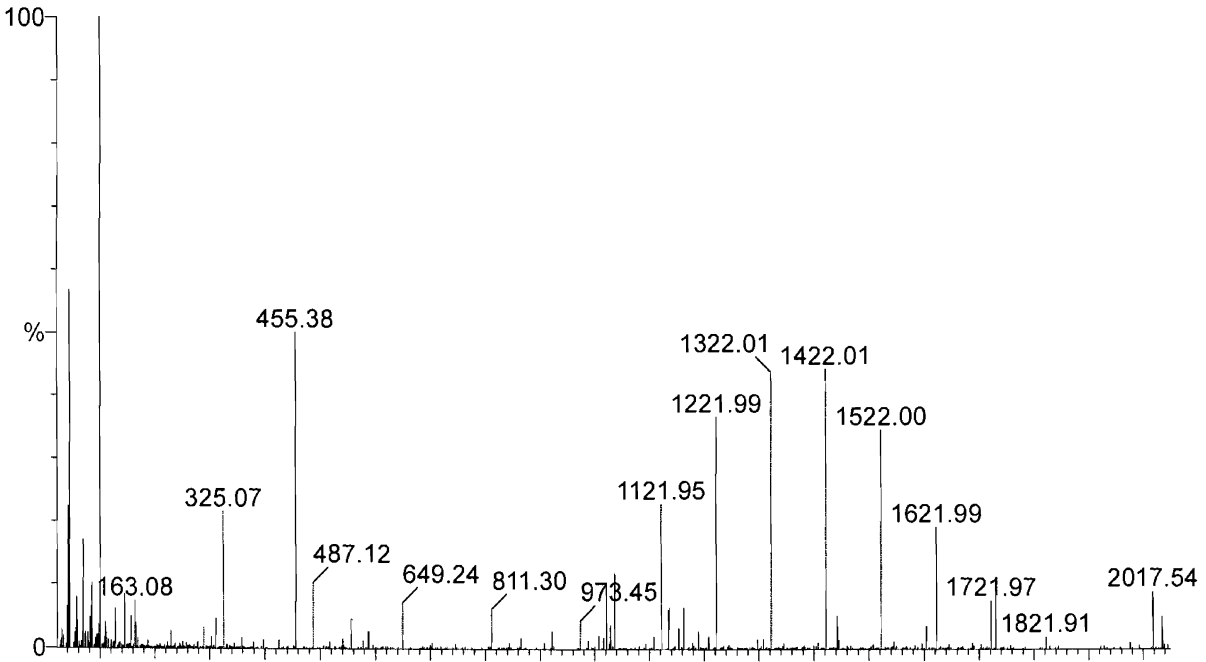


Printed: Sat Aug 25 12:11:14 2018



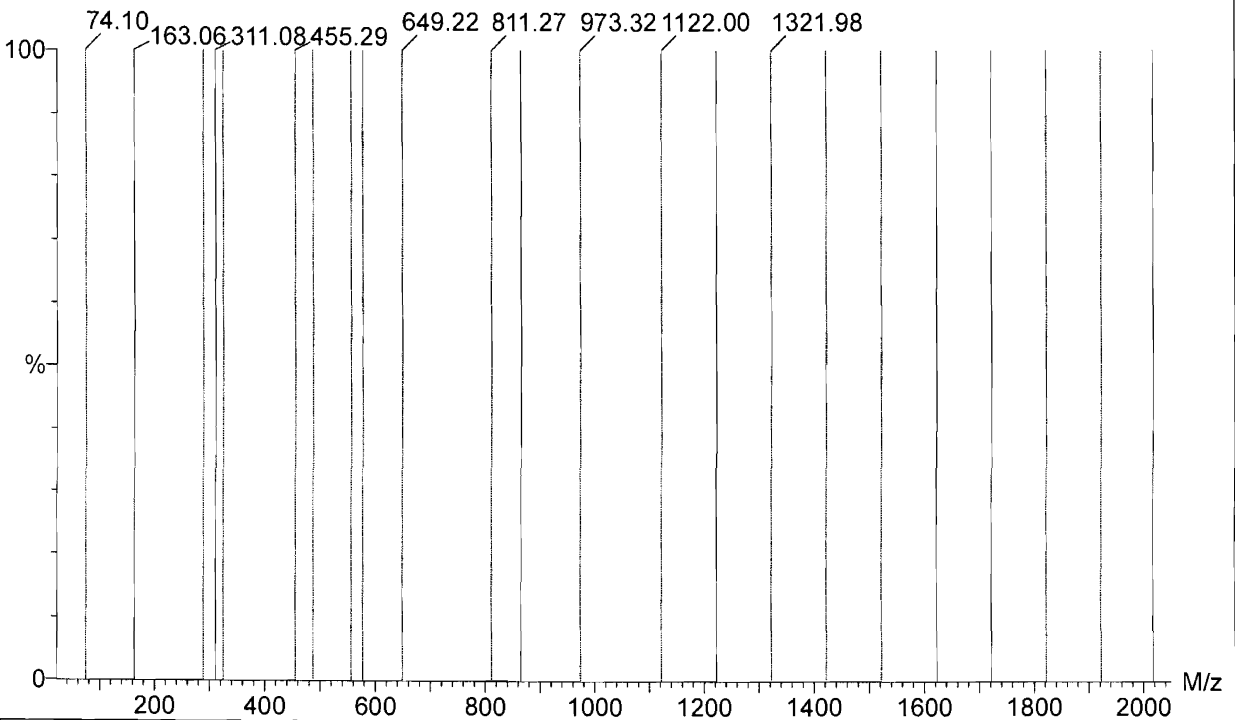
Printed: Sat Aug 25 12:12:25 2018

Data file: FASTMS1V - Calibrated 22 matches of 23 tested references

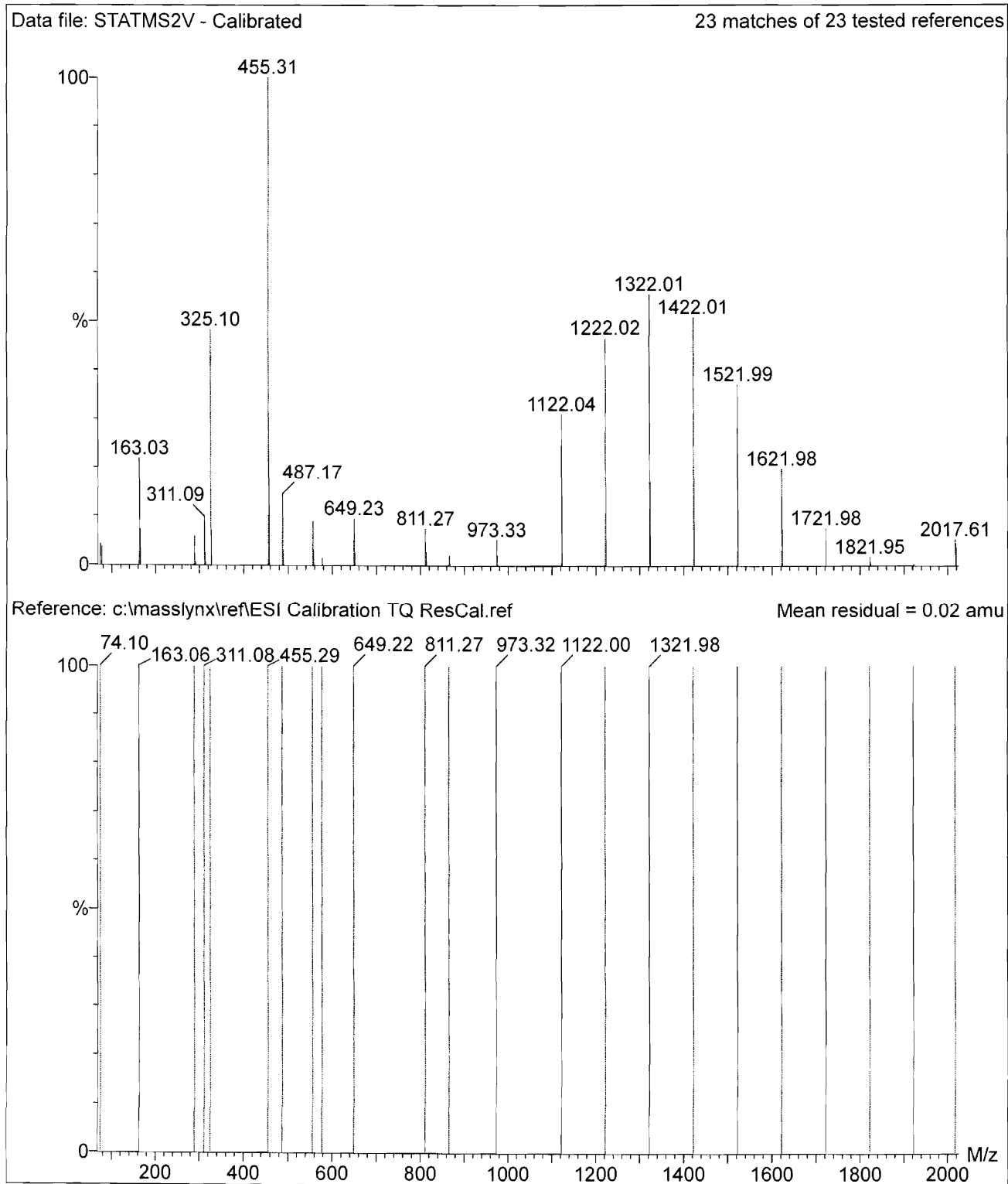


Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

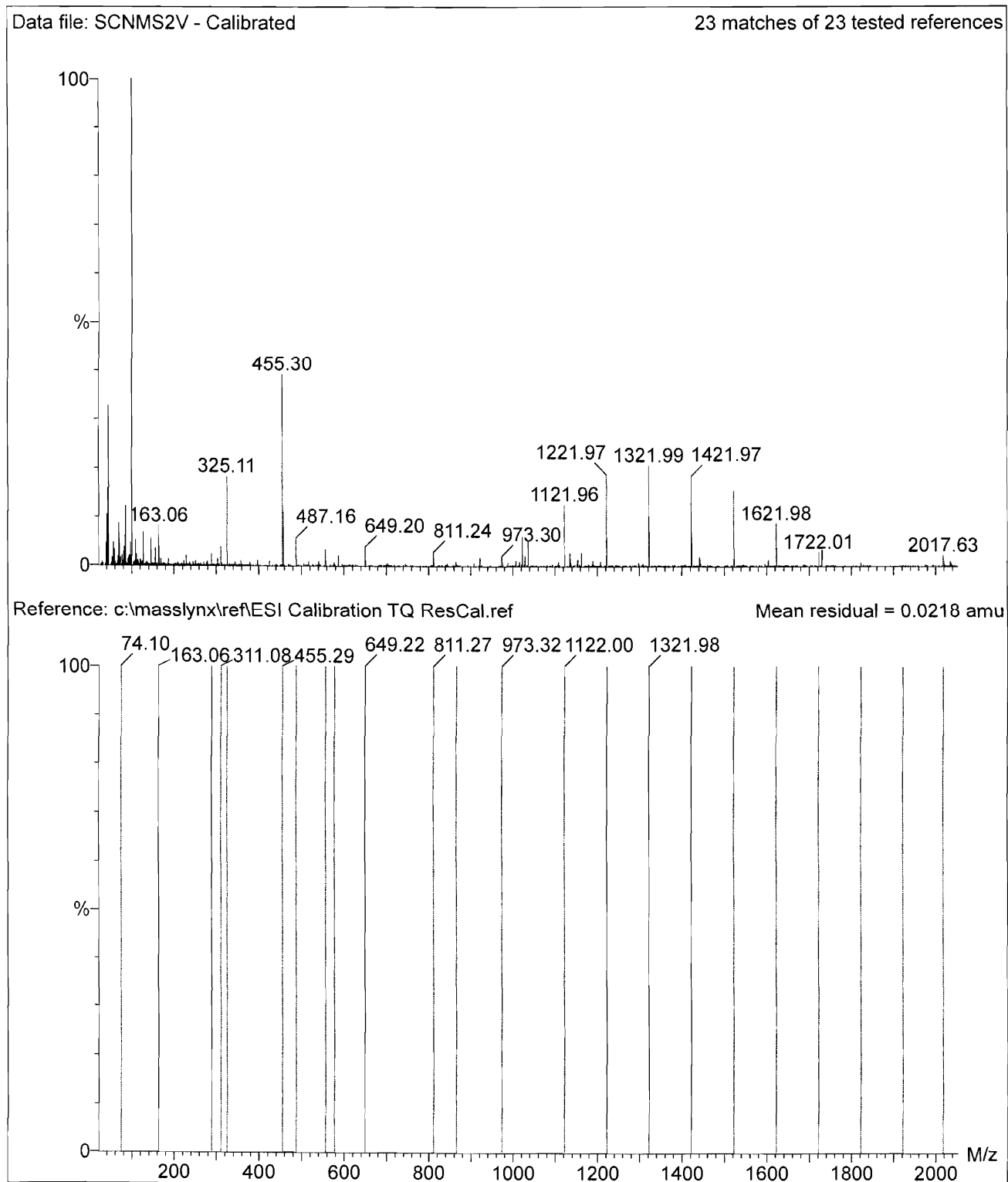
Mean residual = 0.0339 amu



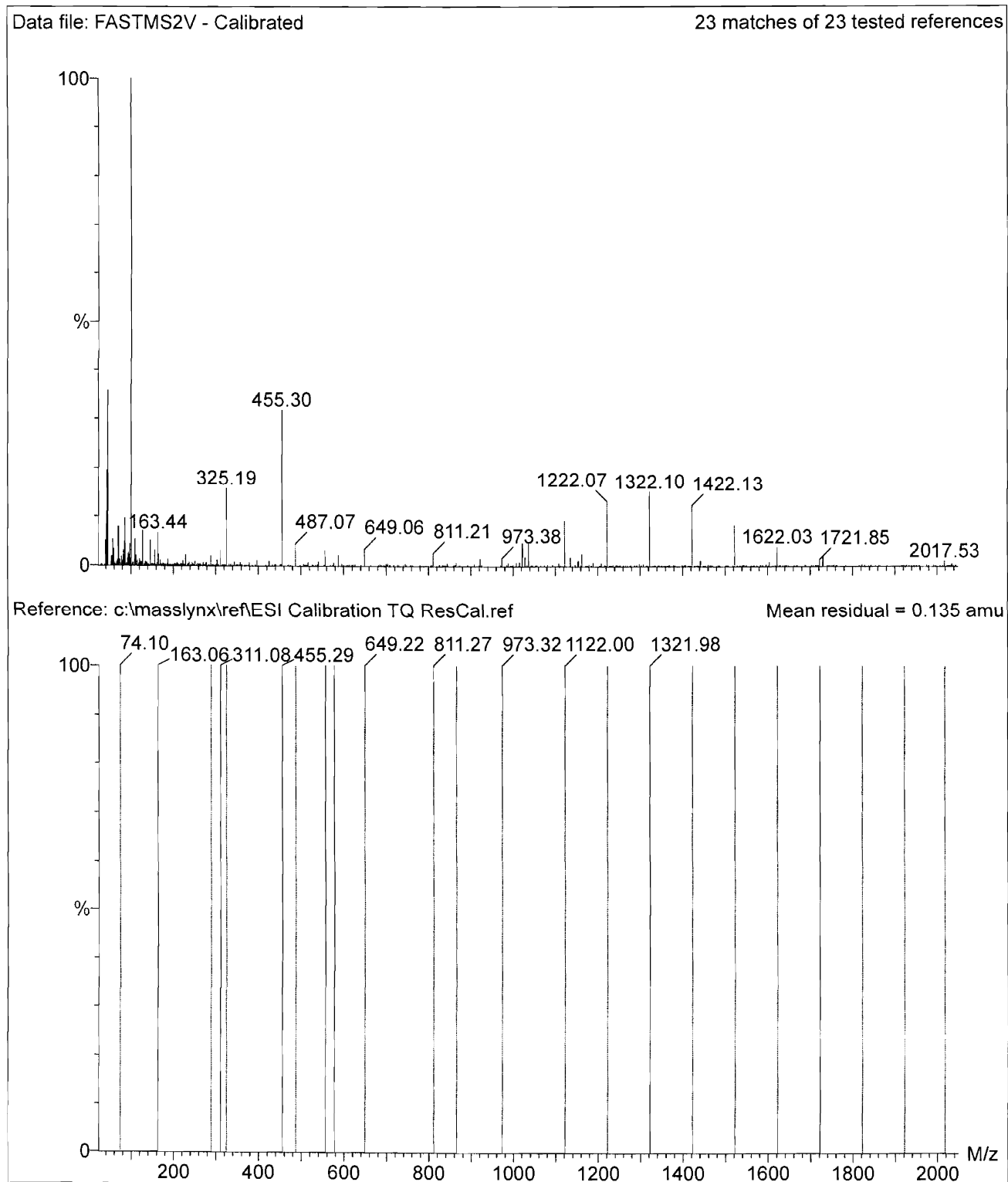
Printed: Sat Aug 25 12:13:34 2018



Printed: Sat Aug 25 12:14:42 2018



Printed: Sat Aug 25 12:16:08 2018



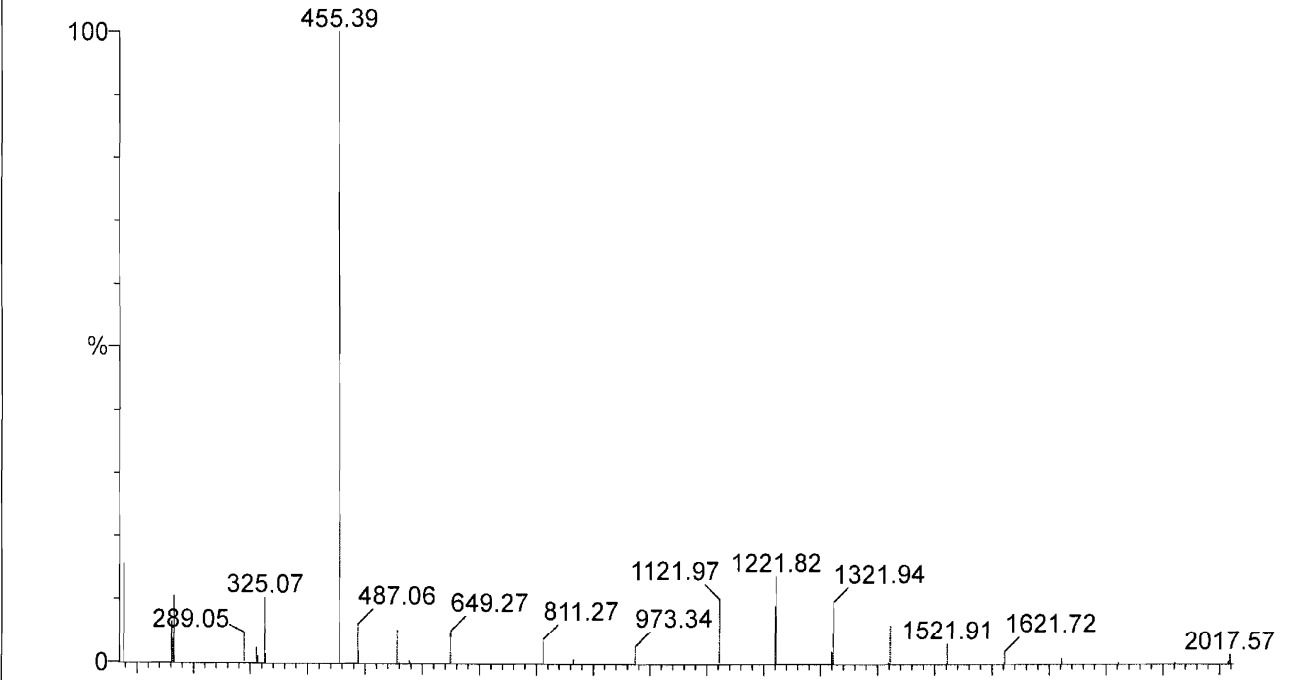
Tune check 08-26-18

Calibration Verification Report - MS1 Static

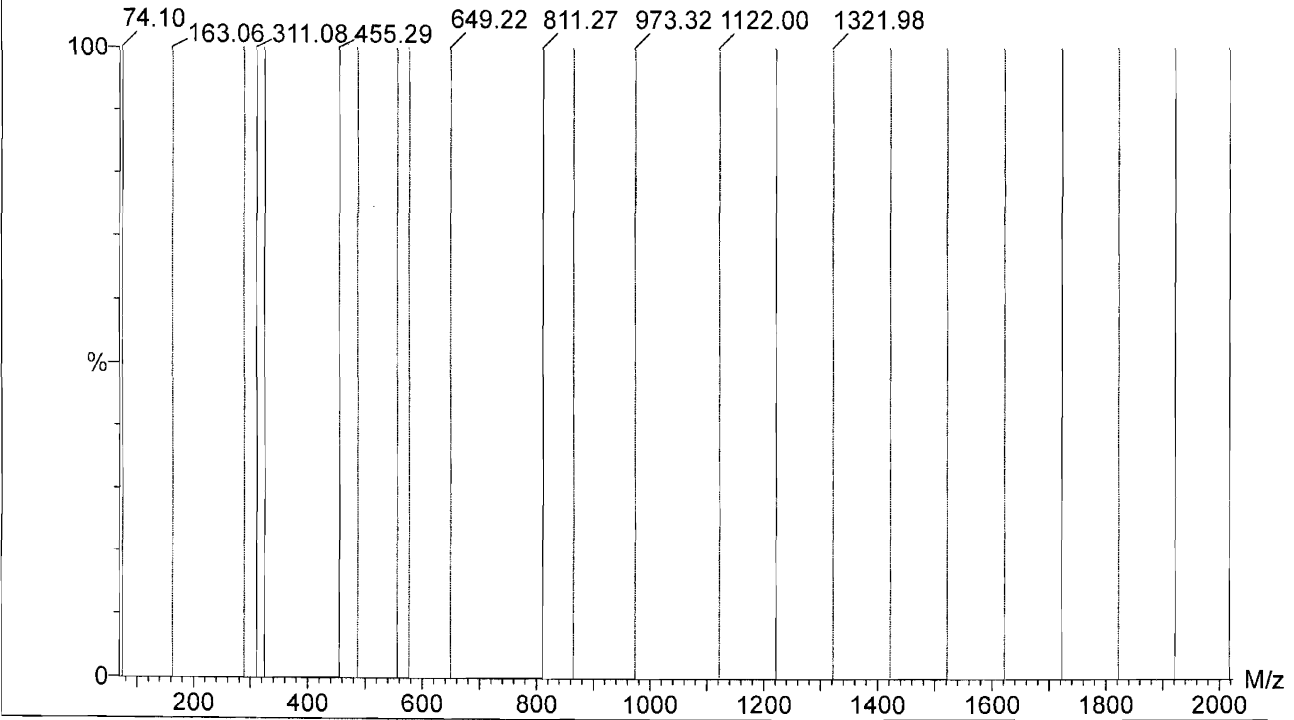
20180823

Printed: Sun Aug 26 13:13:19 2018

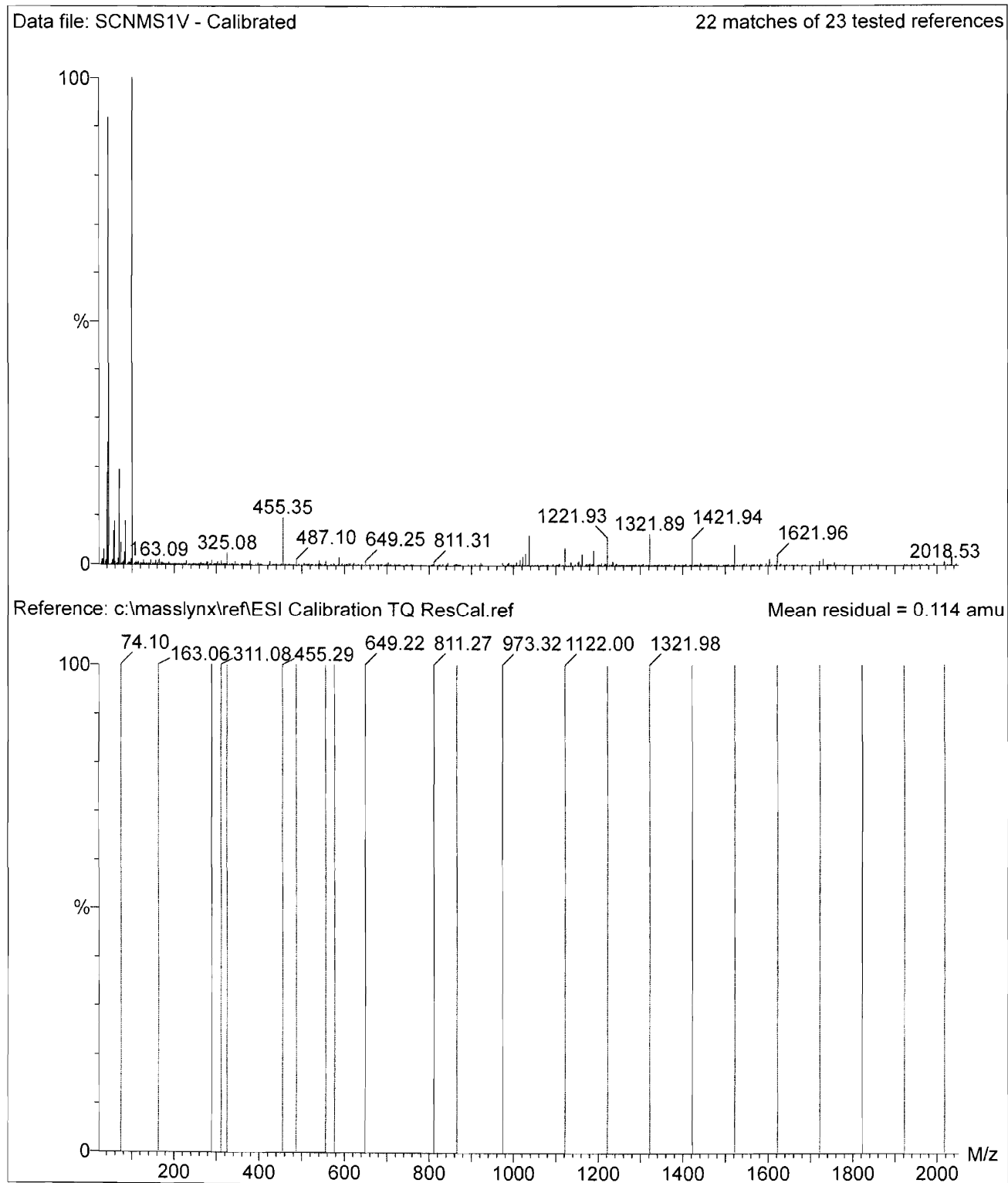
Data file: STATMS1V - Calibrated 22 matches of 23 tested references



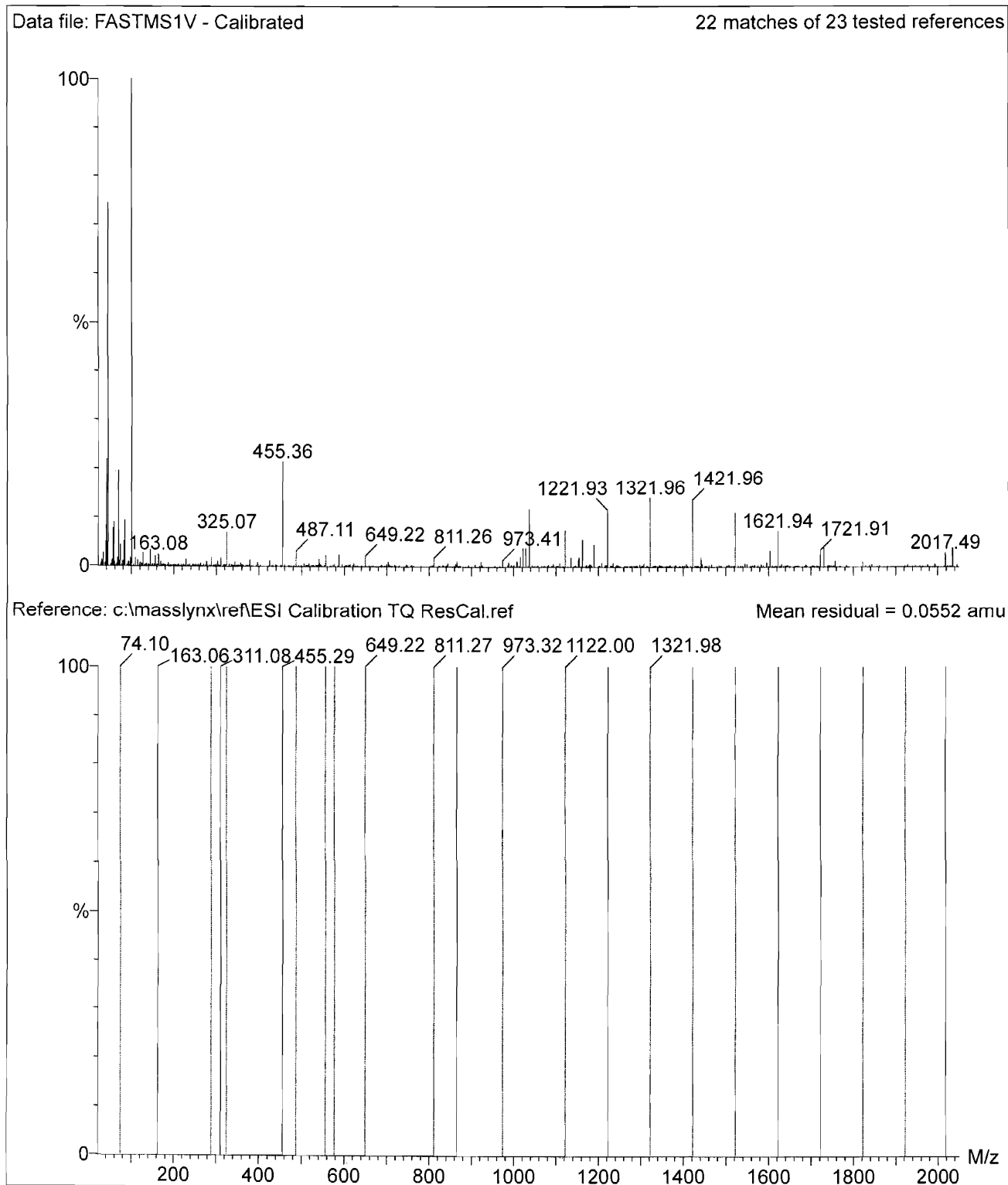
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.0707 amu



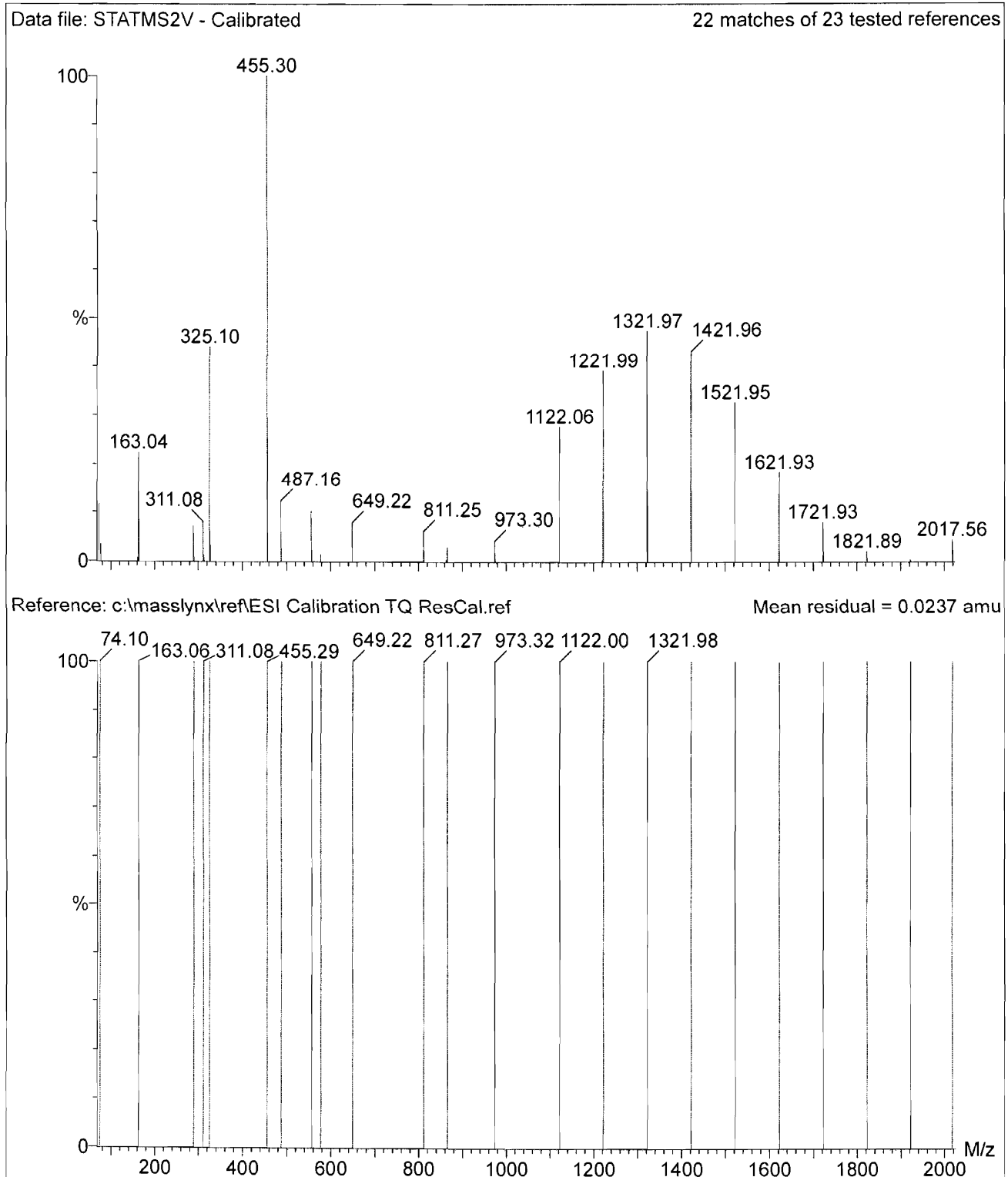
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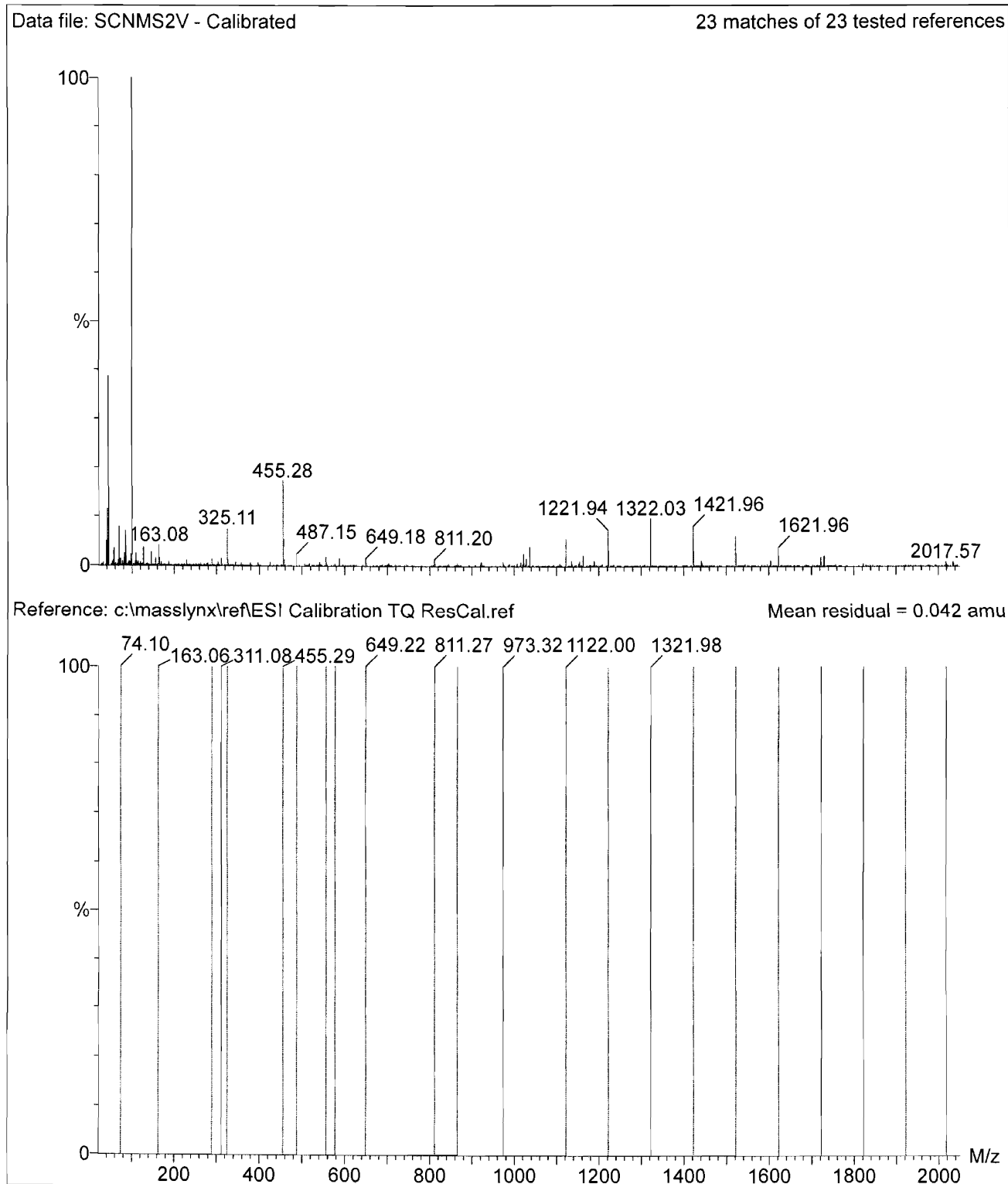
Printed: Sun Aug 26 13:15:39 2018



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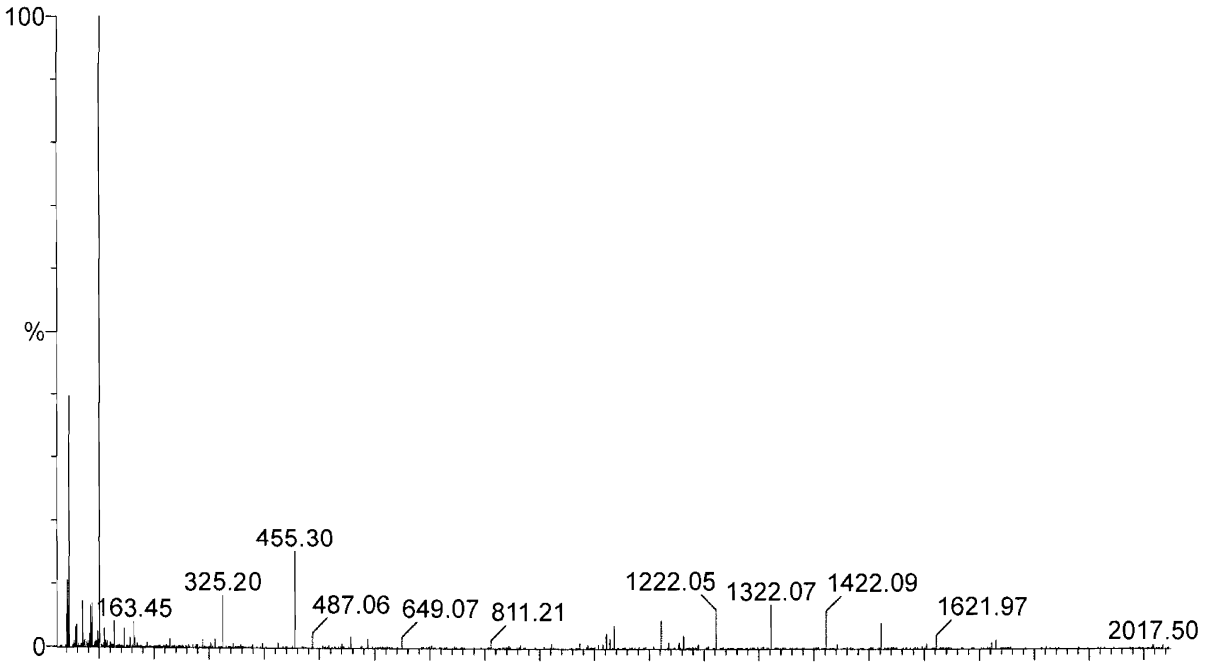


Printed: Sun Aug 26 13:17:56 2018

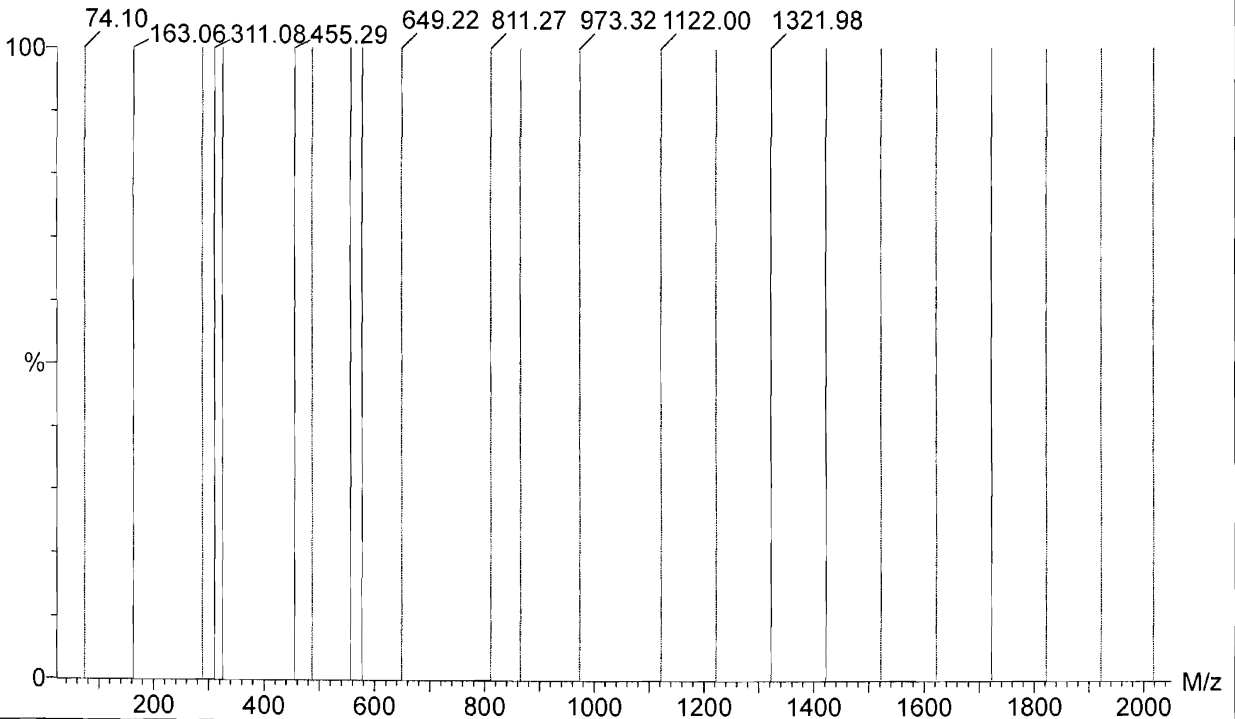


Printed: Sun Aug 26 13:19:22 2018

Data file: FASTMS2V - Calibrated 23 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.134 amu



Tune Check 09-12-18

20180912

XEVO-TQSmicro Resolution Optimisation

Reference File Used	C:\MassLynx\Ref\ESI Positive Resolution TQ ResCal.ref , C:\MassLynx\Ref\ESI Negative Resolution TQ ResCal.ref
Tune File Used	C:\MassLynx\IntelliStart\Results\Quantitative\Resolution_20180912.ipr
Date of Optimisation	12-09-2018
Time of Optimisation	12 : 09 : 46 PM
Tolerance	+/- 0.300 Da

Date: Generated on Wed 12 Sep 2018 at 12:09

MS1 Optimisation

Scan Type : MS1 Scan

Target Peak Width : 1.0000 Da

Negative Ion Mode

Mass	Intensity	Peak Width	Result
179.0600	2.82e+007	1.0524	Pass
554.2600	2.26e+007	1.2225	Pass
1165.9800	1.03e+009	1.0885	Pass
1165.9800	1.03e+009	1.0885	Pass

Final Tune Page Settings

LM Resolution1 : 3.98

HM Resolution1 : 14.64

Ion Energy1 : 0.1

MS2 Optimisation

Scan Type : MS2 Scan

Target Peak Width : 0.7500 Da

Negative Ion Mode

Mass	Intensity	Peak Width	Result
179.0600	1.02e+007	0.7859	Pass
554.2600	8.98e+006	0.8216	Pass
1165.9800	2.64e+008	0.7966	Pass
1165.9800	2.64e+008	0.7966	Pass

Final Tune Page Settings

LM Resolution2 : 10.75

HM Resolution2 : 15.18

Ion Energy2 : 1.4

Resolution Optimisation Check : PASS

XEVO-TQSmicro Resolution Optimisation

Reference File Used	C:\MassLynx\Ref\ESI Positive Resolution TQ ResCal.ref , C:\MassLynx\Ref\ESI Negative Resolution TQ ResCal.ref
Tune File Used	C:\MassLynx\IntelliStart\Results\Quantitative\Resolution_20180912.ipr
Date of Optimisation	12-09-2018
Time of Optimisation	12 : 01 : 07 PM
Tolerance	+/- 0.300 Da

Date: Generated on Wed 12 Sep 2018 at 12:01

MS1 Optimisation

Scan Type : MS1 Scan

Target Peak Width : 1.0000 Da

Positive Ion Mode

Mass	Intensity	Peak Width	Result
74.1000	1.66e+008	0.7838	Pass
487.1700	8.95e+008	1.0150	Pass
1021.9500	6.91e+008	1.0824	Pass
1121.9000	1.53e+009	1.0964	Pass

Final Tune Page Settings

LM Resolution1 : 6.91

HM Resolution1 : 14.42

Ion Energy1 : -0.5

MS2 Optimisation

Scan Type : MS2 Scan

Target Peak Width : 0.7500 Da

Positive Ion Mode

Mass	Intensity	Peak Width	Result
74.1000	6.86e+007	0.7332	Pass
487.1700	2.20e+008	0.7785	Pass
1021.9500	1.65e+008	0.7794	Pass
1121.9000	3.41e+008	0.7917	Pass

Final Tune Page Settings

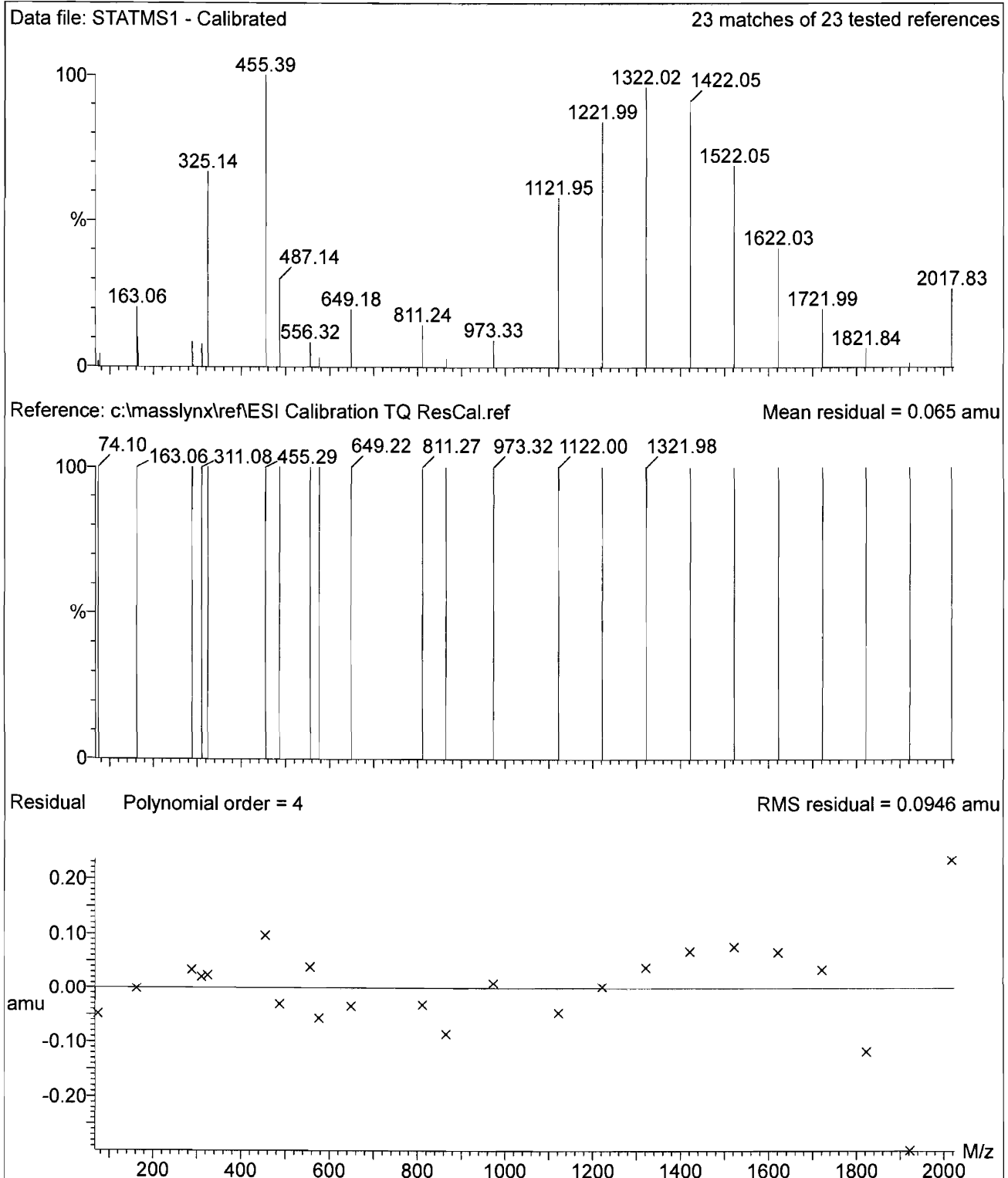
LM Resolution2 : 12.81

HM Resolution2 : 15.03

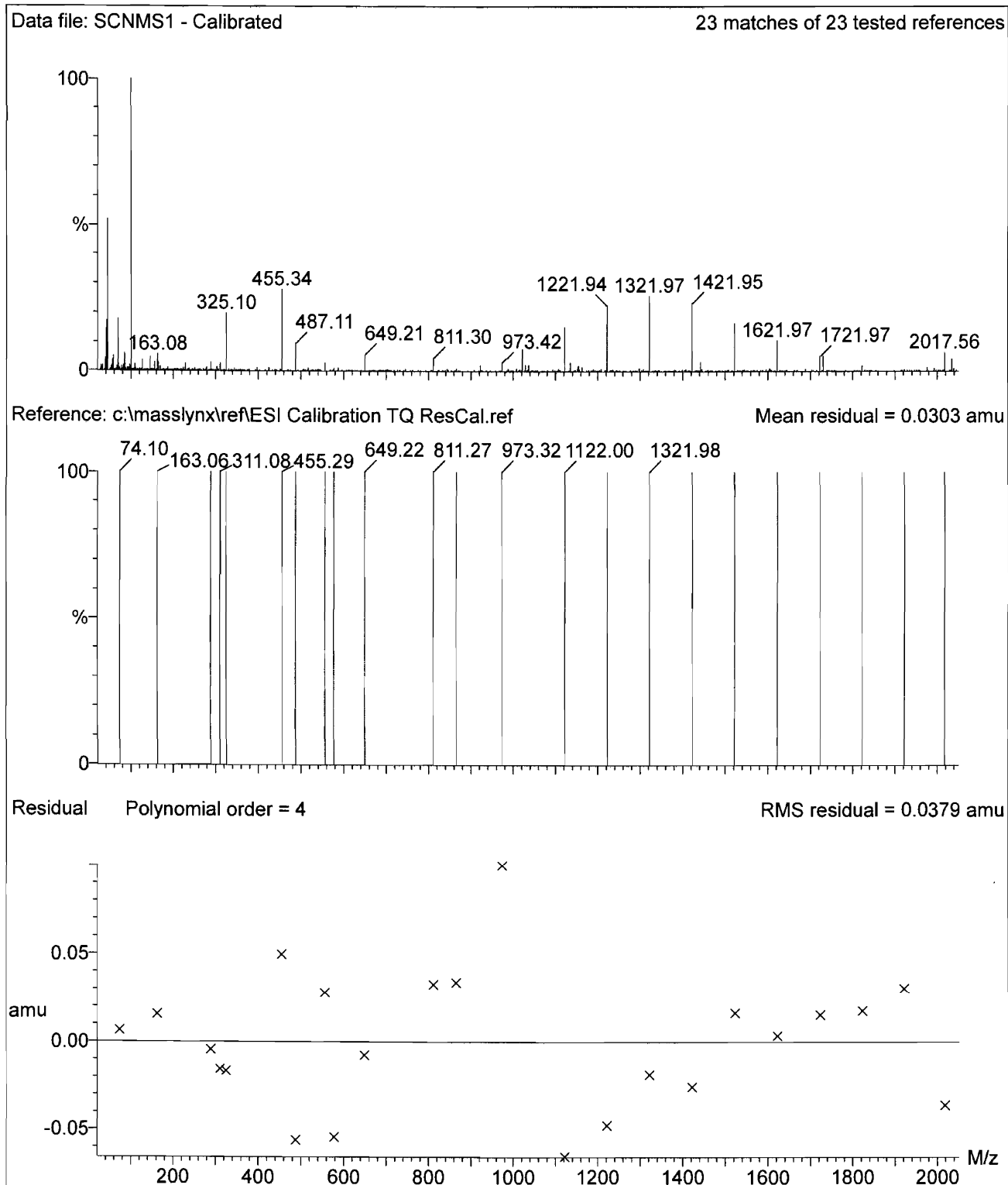
Ion Energy2 : 0.6

Resolution Optimisation Check : PASS

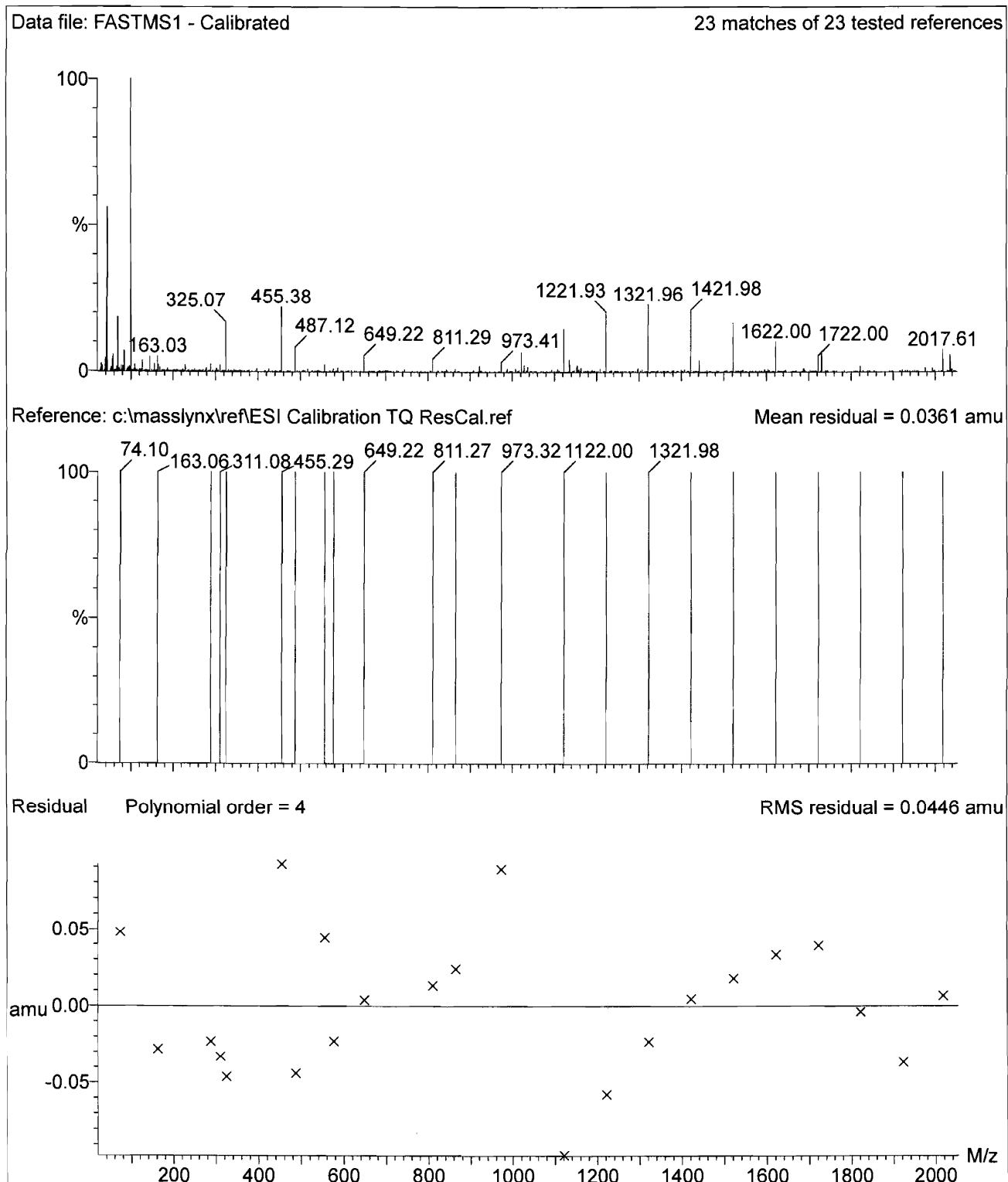
Printed: Wed Sep 12 12:11:00 2018



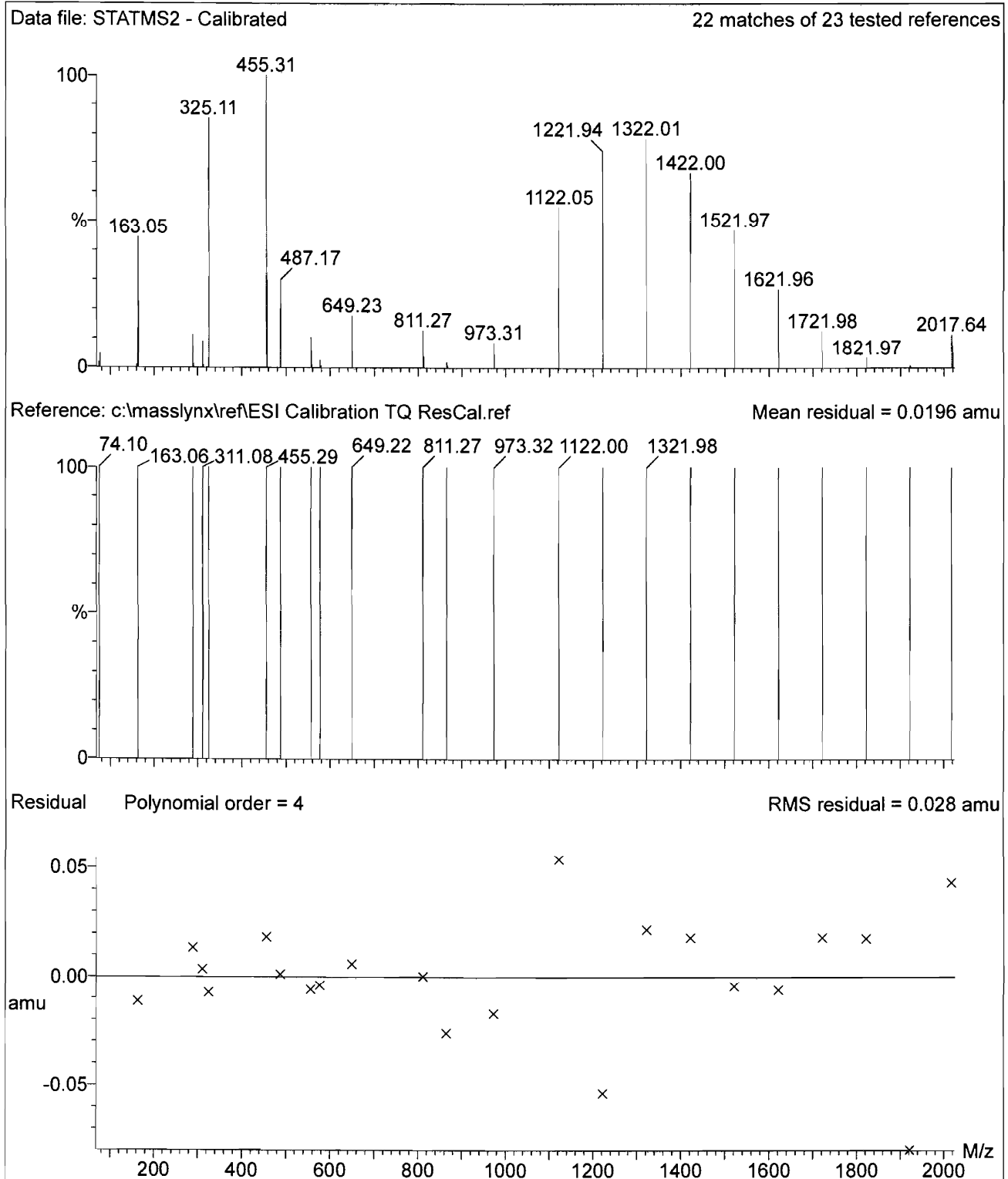
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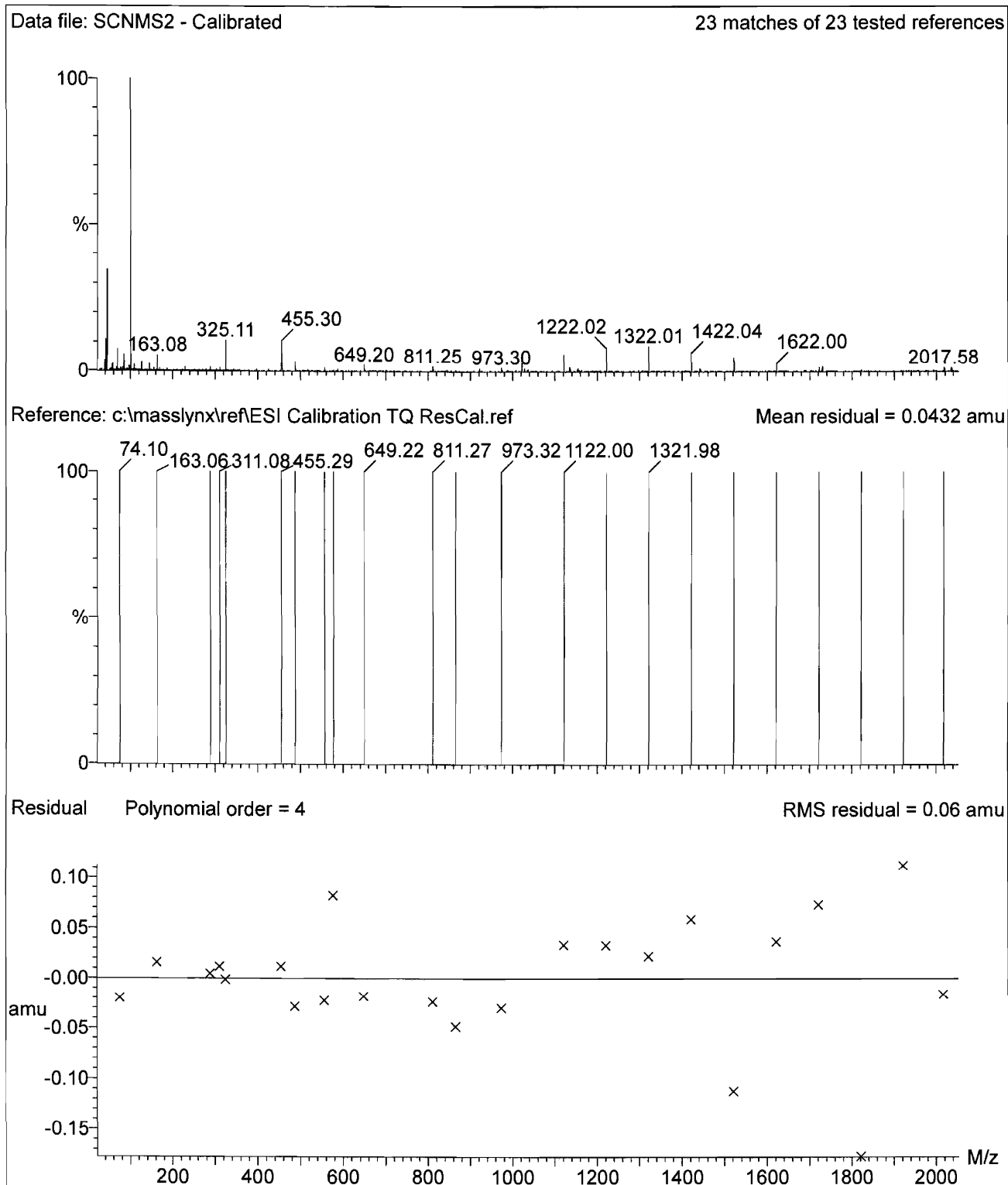
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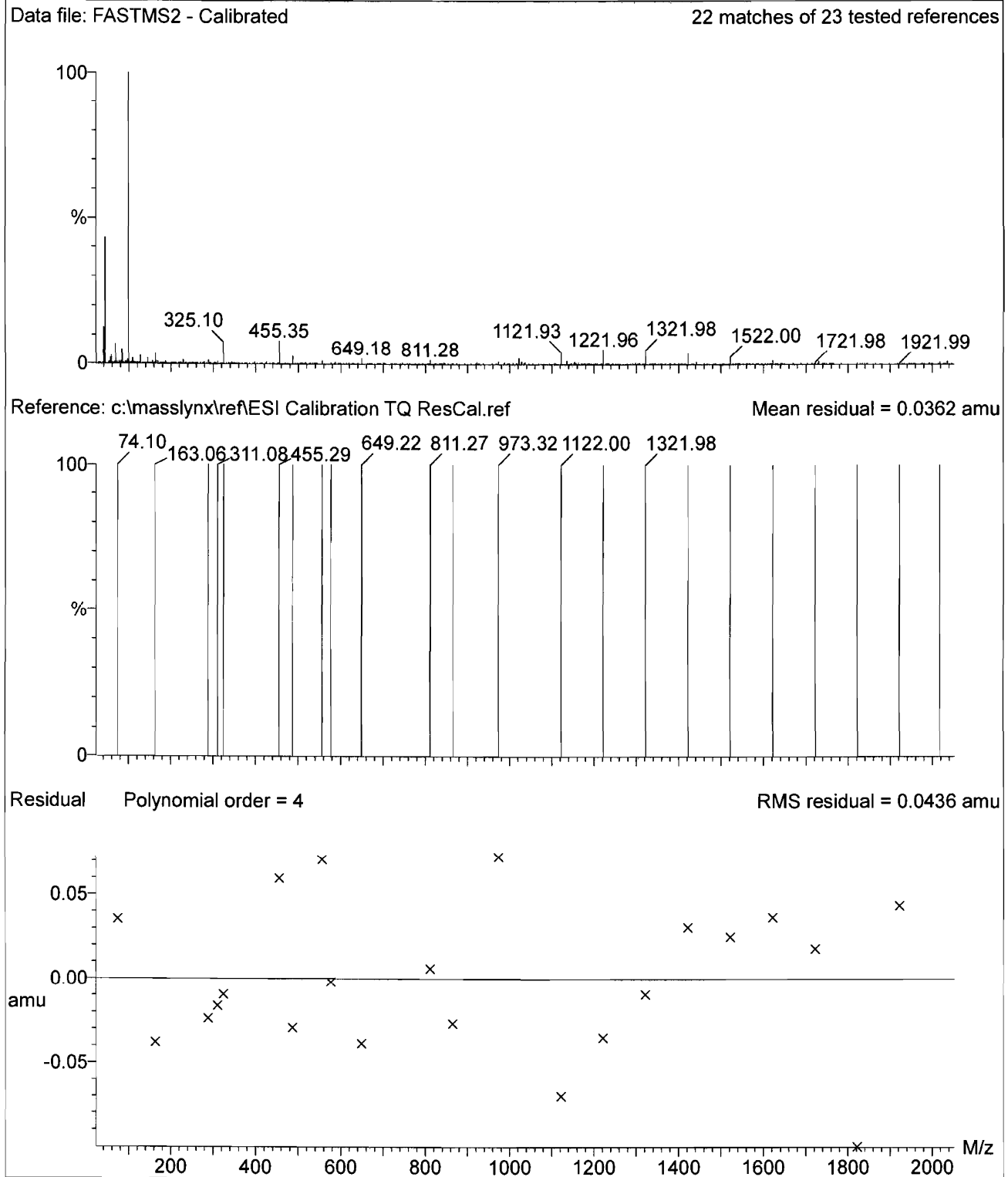
Printed: Wed Sep 12 12:14:28 2018



Printed: Wed Sep 12 12:15:37 2018



Printed: Wed Sep 12 12:17:02 2018



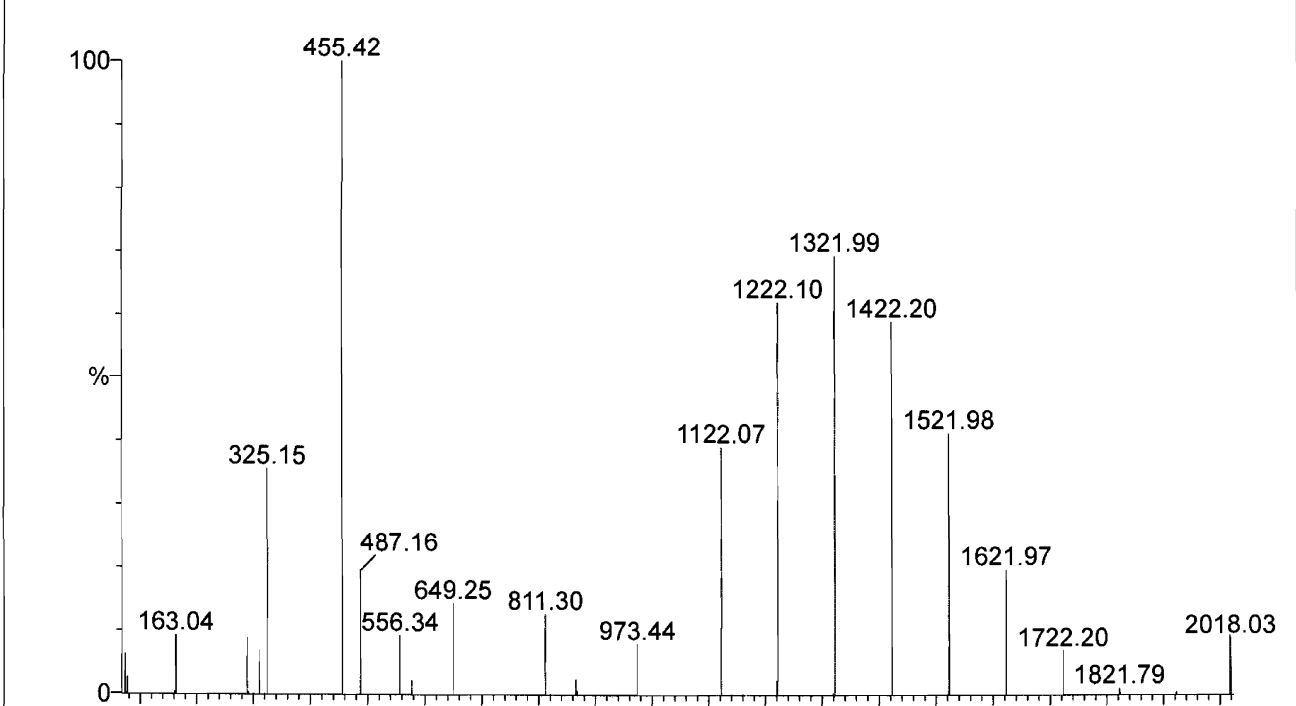
Tune Check 09-13-18

Calibration Verification Report - MS1 Static

Printed: Thu Sep 13 09:05:24 2018

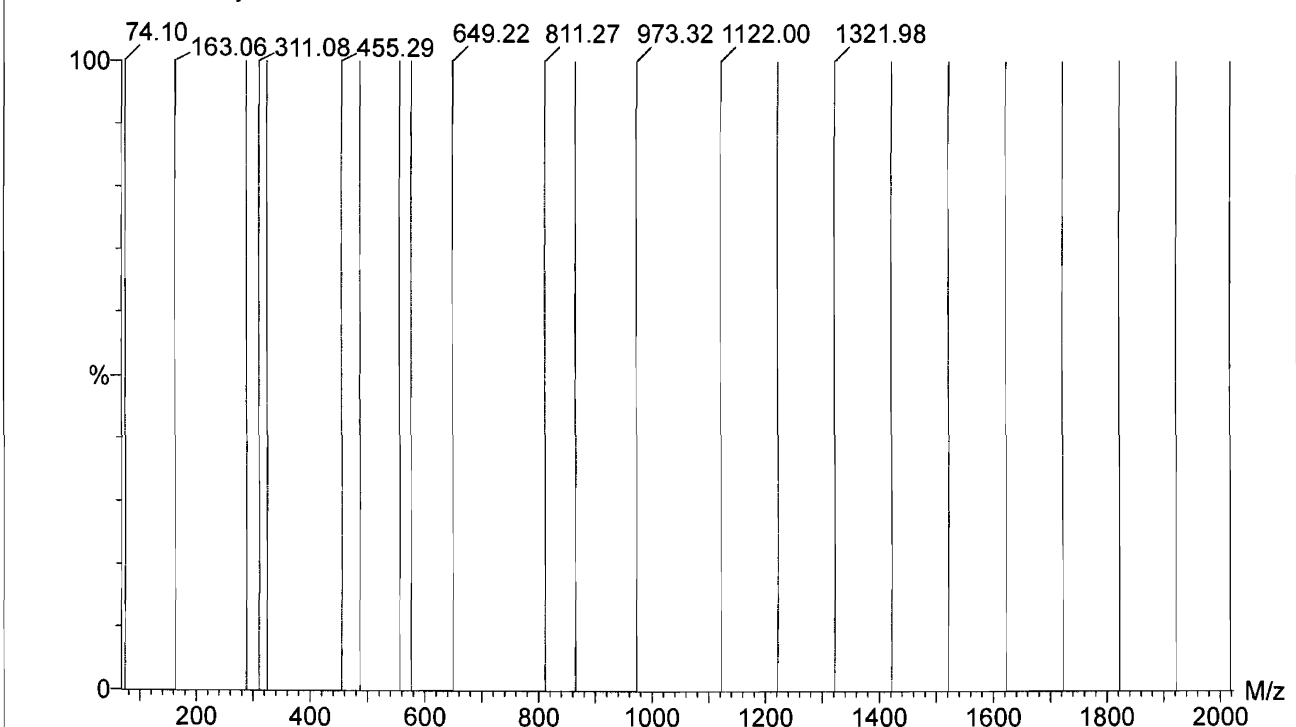
20180912

Data file: STATMS1V - Calibrated 23 matches of 23 tested references

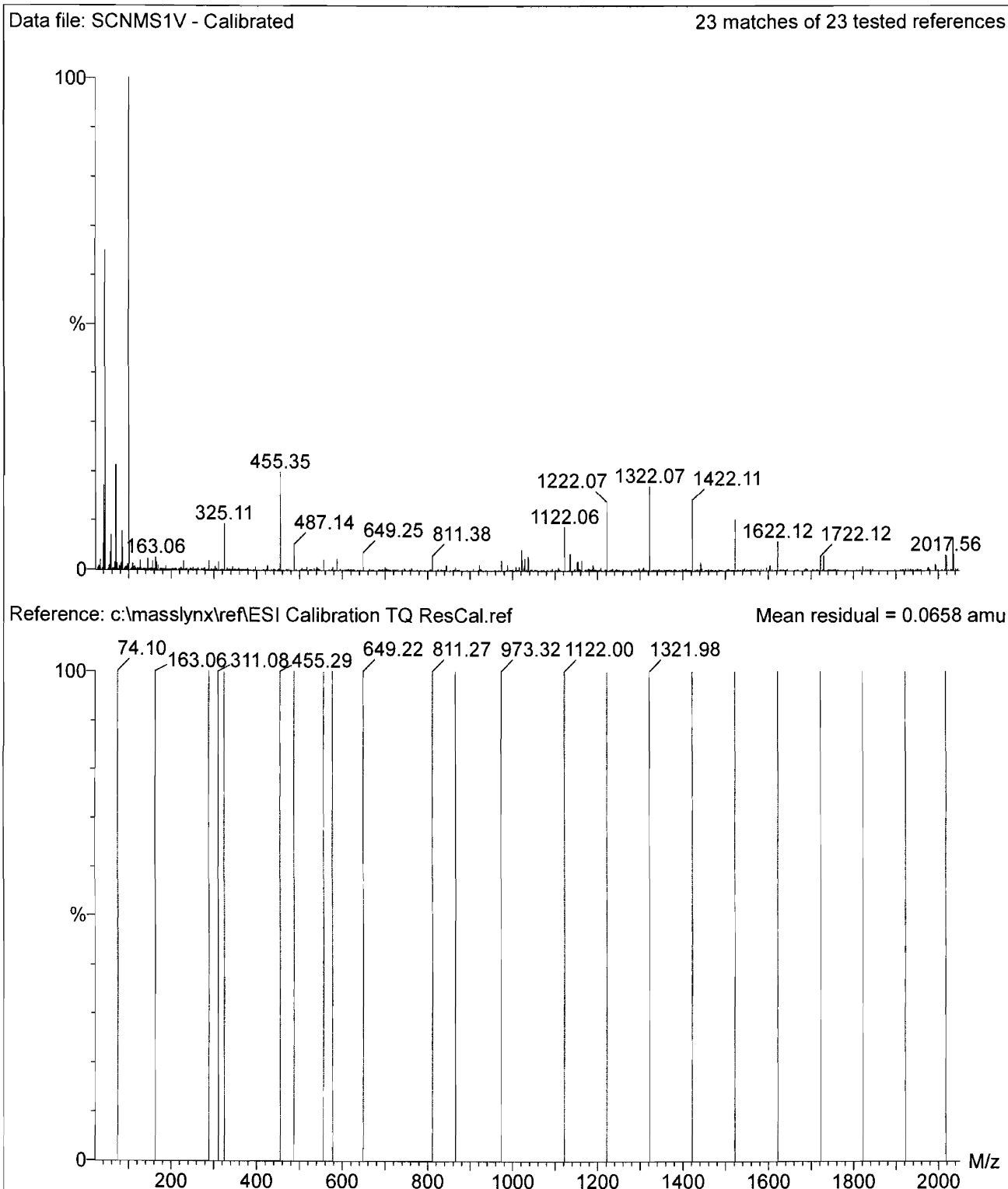


Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

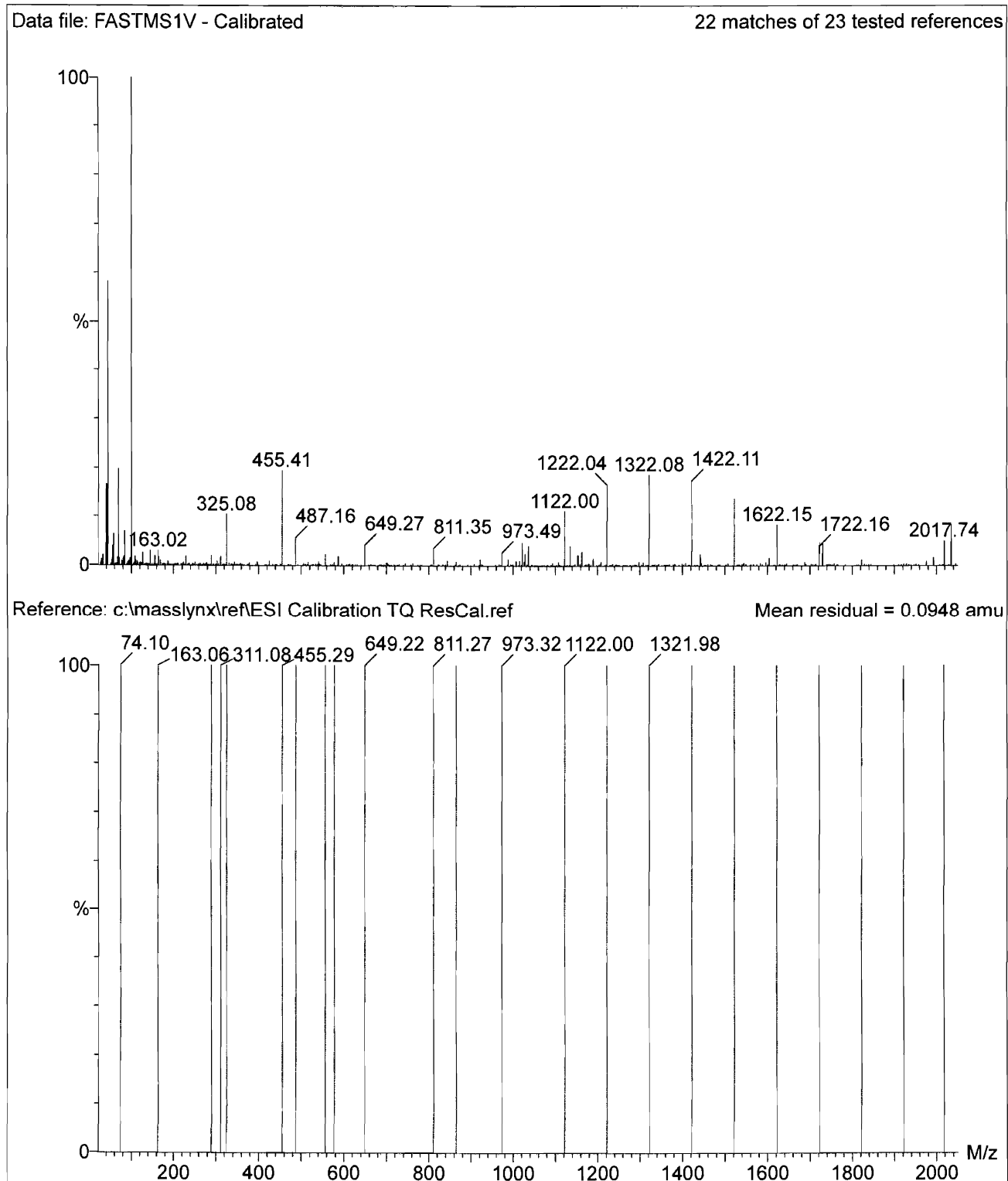
Mean residual = 0.124 amu



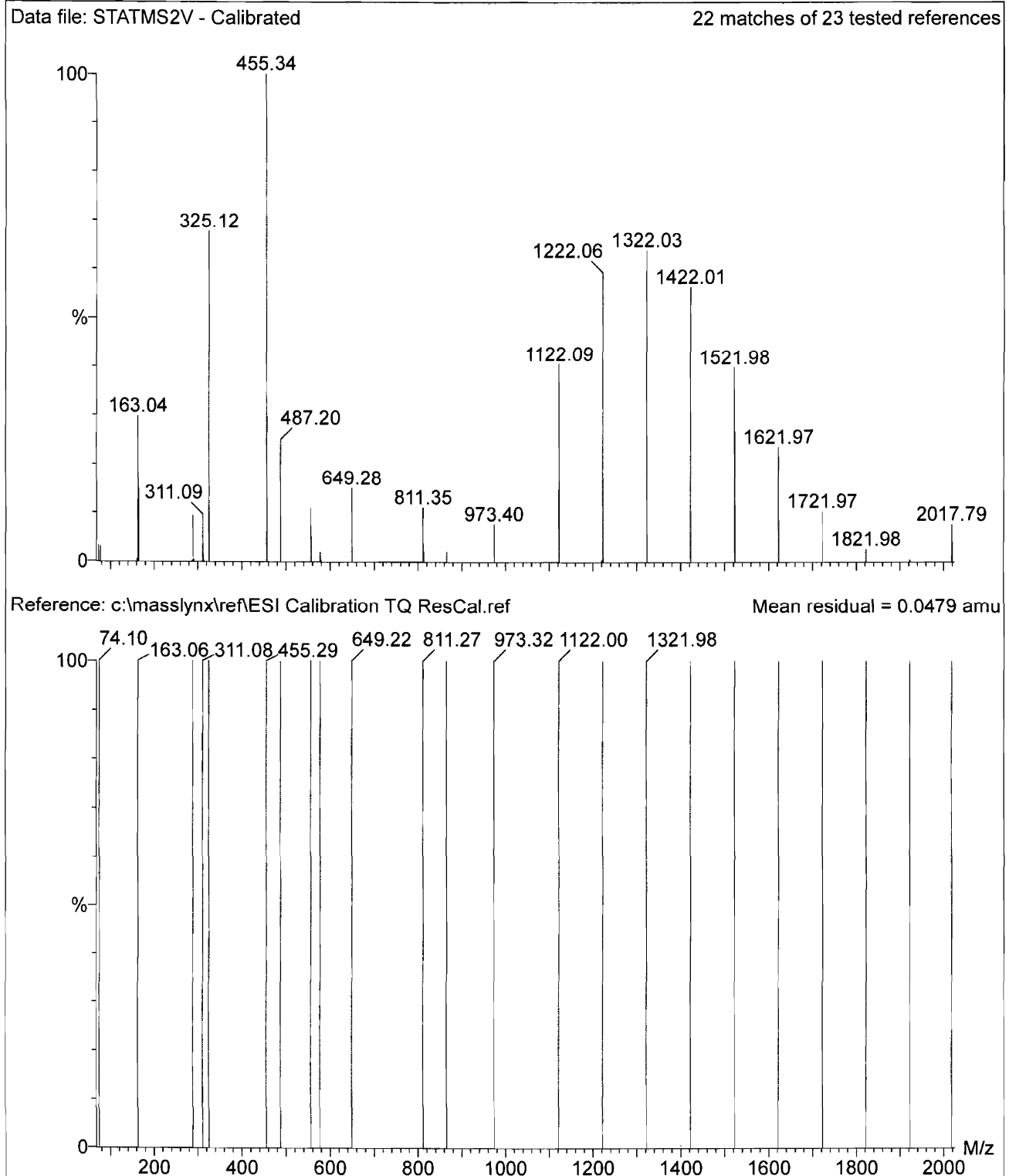
Printed: Thu Sep 13 09:06:32 2018



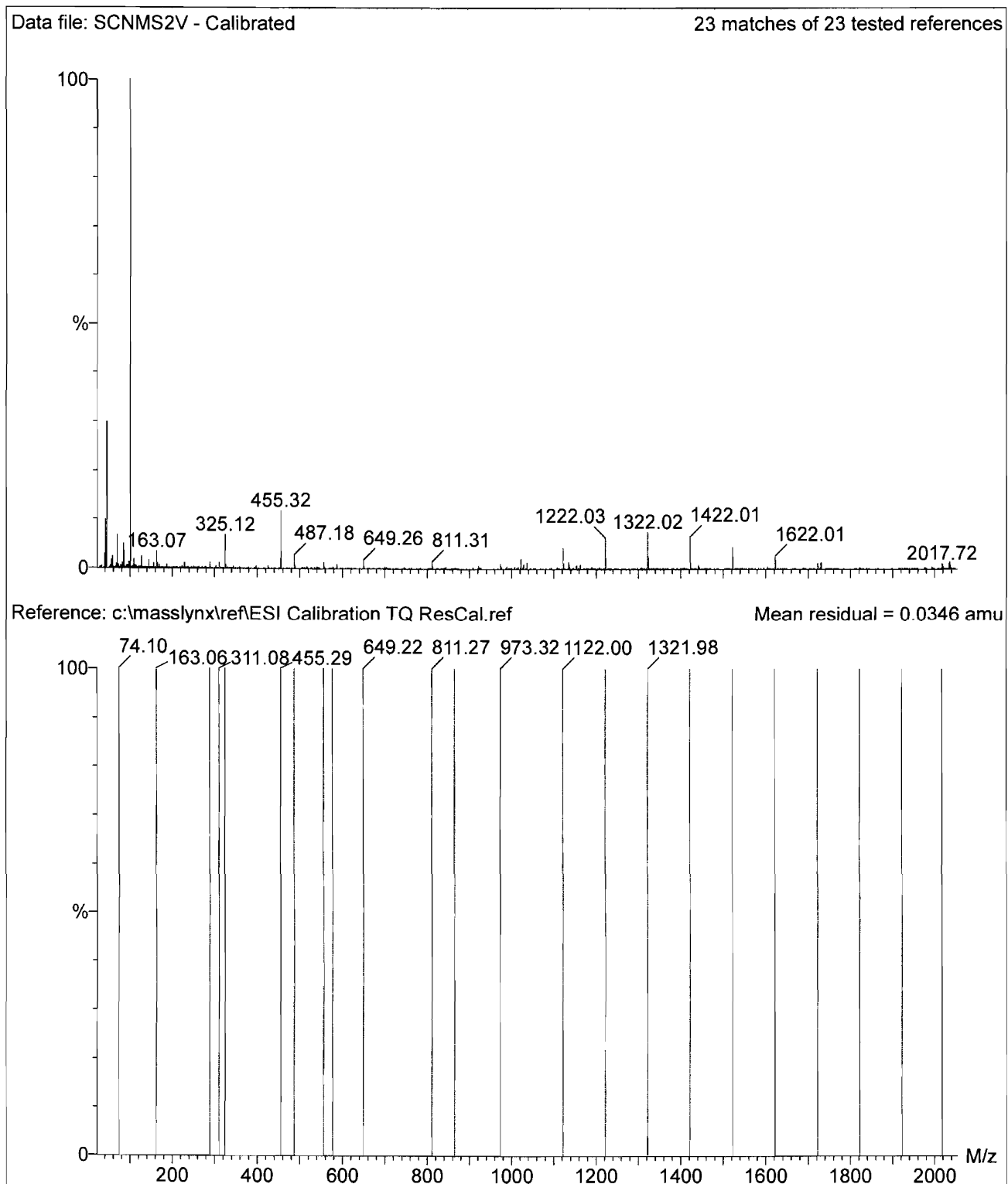
Printed: Thu Sep 13 09:07:43 2018



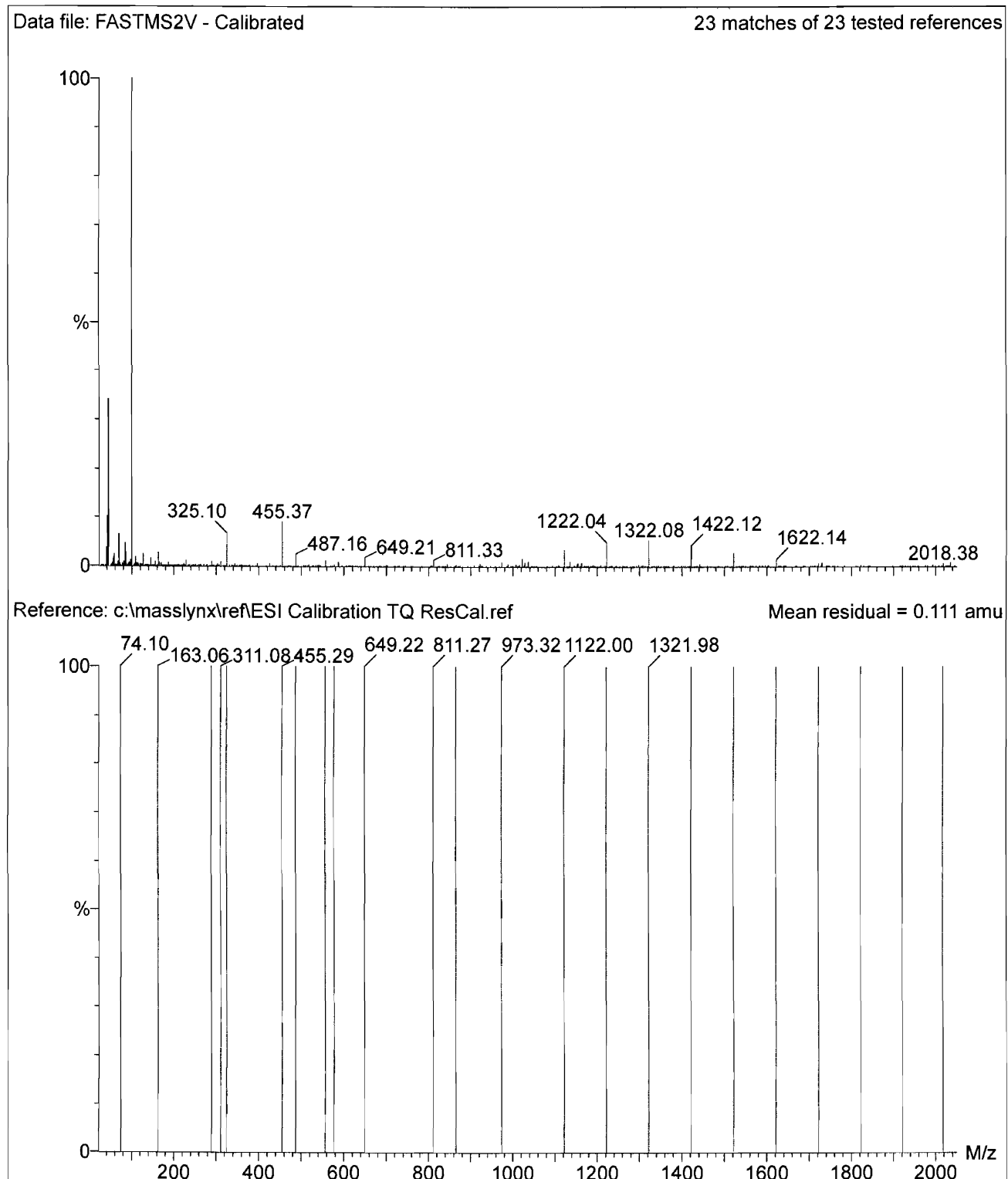
Printed: Thu Sep 13 09:08:52 2018



Printed: Thu Sep 13 09:10:00 2018



Printed: Thu Sep 13 09:11:26 2018



Calverton
SDG 1802094

Sample Identification SA-PZ171I-20180727

Compound PERFLUORODECANOIC ACID (PFDA)

Sample volume (L) 0.26

Internal standard concentration 12.5

Concentration using quadratic/calibration curve
Area*(IS concentration/IS area) 8.920455
15700*(12.5/22000)

Curve
Calibration curve (y)=-1.68153e-5*x^2+1.21743*x+0.104096

$$0.0000168153*x^2+1.21743*x+0.104096=8.920455$$

$$0.0000168153*x^2+1.21743*x-8.816359=0$$

$$a= 0.0000168153$$

$$b= 1.21743$$

$$c= -8.816359$$

$$D=1.21743^2-4*-0.0000168153*-8.816359 \quad 1.482729$$

$$\text{SQRT D} \quad 1.217674$$

$$x=(-1.21743+1.217673521)/(2*-0.0000168153) \quad 7.2410548$$

PFDA result Conc = x/wt 27.85021 ng/L
result reported 27.9 ng/L

LABELED STANDARD (SURROGATE) CALCULATION

Compound 13C2-PFDA

Sample volume (L) 0.26

Internal standard concentration 12.5

Concentration using quadratic/calibration curve
Area*(IS concentration/IS area)/RRF 8.624985
22000*(12.5/33800)/0.943317

PFDA result Conc = x/wt 33.17302 ng/L

result reported 36.1 ng/L

% Rec Area*(IS concentration)/(IS area)(Recovery standard concentration)/RRF 68.99988
(22000*12.5)/(33800*12.5*0.943317)*100

% Rec reported 69.1

OPR %R

B8H0014-BS1

PFDA Spike amount LCS concentration

101.75 40 40.7

MS/MSD %R

SA-PZ171I-20180727

MS PFDA Spike amount MS concentration Sample result
88.38 39.6 62.9 27.9

MSD PFDA Spike amount MS concentration Sample result
93.85 39 64.5 27.9

MS/MSD RPD 5.99

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-43.qld

MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 14:46:23 Pacific Daylight Time

Printed: Thursday, August 30, 2018 14:47:10 Pacific Daylight Time

Name: 180825M1_43, Date: 25-Aug-2018, Time: 20:57:48, ID: 1802094-10 SA-PZ171I-20180727 0.25964, Description: SA-PZ171I-20180727

#	Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 16...		1.25e4	0.260							
2	2 PFPeA	263.1 > 21...	3.13e3	1.87e4	0.260	0.000	2.27	2.09	8.2312			
3	3 PFBS	299.0 > 79.7		2.50e3	0.260							
4	5 PFHxA	313 > 269	5.51e3	1.21e4	0.260	0.000	3.07	2.27	9.1008		16.1	NO
5	7 PFHpA	363.0 > 31...	8.97e3	1.88e4	0.260	0.000	3.70	5.95	19.5230		25.2	NO
6	36 13C3-PFBA	216.1 > 17...	1.25e4	1.55e4	0.260	0.806	1.26	10.1	46.9733	97.6		
7	37 13C3-PFPeA	266. > 221.8	1.87e4	3.28e4	0.260	0.571	2.27	7.13	42.9254	89.2		
8	38 13C3-PFBS	302. > 98.8	2.50e3	3.28e4	0.260	0.0763	2.57	0.954	56.3883	117.1		
9	40 13C2-PFHxA	315 > 270	1.21e4	3.28e4	0.260	0.926	3.07	4.63	18.4335	95.7		
10	41 13C4-PFHpA	367.2 > 32...	1.88e4	3.28e4	0.260	0.575	3.70	7.19	47.2912	98.2		
11	-1											
12	8 L-PFHxS	398.9 > 79.6	9.46e1	2.19e3	0.260	0.000	3.86	0.541	1.1778		1.54	NO
13	68 Total PFHxS	398.9 > 79.6	9.46e1	2.19e3	0.260			0.541	1.1778			
14	10 6:2 FTS	427.1 > 407	1.24e3	4.83e3	0.260	0.000	4.18	3.21	12.0397		2.94	NO
15	11 L-PFOA	412.8 > 36...	2.56e4	2.77e4	0.260	0.000	4.24	11.6	35.9498		3.17	NO
16	69 Total PFOA	412.8 > 36...	2.60e4	2.77e4	0.260			11.7	35.9952			
17	42 18O2-PFHxS	403.0 > 10...	2.19e3	4.70e3	0.260	0.465	3.86	5.81	43.2491	89.8		
18	42 18O2-PFHxS	403.0 > 10...	2.19e3	4.70e3	0.260	0.465	3.86	5.81	43.2491	89.8		
19	43 13C2-6:2 FTS	429.1 > 40...	4.83e3	3.68e4	0.260	0.131	4.18	1.64	47.2809	98.2		
20	44 13C2-PFOA	414.9 > 36...	2.77e4	3.68e4	0.260	0.752	4.24	9.40	41.9746	87.2		
21	44 13C2-PFOA	414.9 > 36...	2.77e4	3.68e4	0.260	0.752	4.24	9.40	41.9746	87.2		
22	-1											
23	13 PFHpS	449 > 80.0		4.82e3	0.260							
24	14 PFNA	463.0 > 41...	5.59e5	2.03e4	0.260	0.000	4.68	344	1088.7799		5.39	NO
25	15 PFOSA	497.9 > 77.9		2.25e3	0.260							
26	16 L-PFOS	498.9 > 79.9	8.21e2	4.82e3	0.260	0.000	4.77	2.13	8.3144		2.16	NO
27	70 Total PFOS	498.9 > 79.9	8.21e2	4.82e3	0.260			2.13	8.3144			
28	47 13C8-PFOS	507.0 > 79.9	4.82e3	5.15e3	0.260	0.937	4.77	11.7	42.4254	88.1		
29	45 13C5-PFNA	468.2 > 42...	2.03e4	2.71e4	0.260	0.749	4.68	9.36	37.5525	78.0		
30	46 13C8-PFOSA	506.1 > 77.7	2.25e3	3.21e4	0.260	0.0703	4.74	0.878	17.2773	35.9		
31	47 13C8-PFOS	507.0 > 79.9	4.82e3	5.15e3	0.260	0.937	4.77	11.7	42.4254	88.1		
32	47 13C8-PFOS	507.0 > 79.9	4.82e3	5.15e3	0.260	0.937	4.77	11.7	42.4254	88.1		
33	-1											
34	18 PFDA	513 > 468.8	1.57e4	2.20e4	0.260	0.000	5.07	8.92	27.8925		6.78	NO
35	19 8:2 FTS	527 > 506.9	5.08e2	3.44e3	0.260	0.000	5.03	1.85	4.8033		2.66	NO
36	21 L-MeFOSAA	570 > 419		4.77e3	0.260							
37	71 Total N-MeFOSAA	570. > 419	0.00e0	4.77e3	0.260			0.000				

Work Order 1802094

CGH 8/30/2018

Dataset: Z:\Projects\PFAS.PRO\Results\180825M1\180825M1-43.qld

MMM 9/6/2018

Last Altered: Thursday, August 30, 2018 14:46:23 Pacific Daylight Time

Printed: Thursday, August 30, 2018 14:47:10 Pacific Daylight Time

Name: 180825M1_43, Date: 25-Aug-2018, Time: 20:57:48, ID: 1802094-10 SA-PZ171I-20180727 0.25964, Description: SA-PZ171I-20180727

#	Name	Trace	Area	IS Area	Wt/Vol	RRF	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
38	25 PFUdA	563.0 > 51...	2.67e5	2.10e4	0.260	0.000	5.40	159	653.1858		12.3	NO
39	48 13C2-PFDA	515.1 > 46...	2.20e4	3.38e4	0.260	0.652	5.07	8.15	33.2588	69.1		
40	49 13C2-8:2 FTS	529.1 > 50...	3.44e3	3.68e4	0.260	0.0933	5.03	1.17	42.8572	89.0		
41	50 d3-N-MeFOSAA	573.3 > 419	4.77e3	3.21e4	0.260	0.149	5.21	1.86	31.5614	65.6		
42	50 d3-N-MeFOSAA	573.3 > 419	4.77e3	3.21e4	0.260	0.149	5.21	1.86	31.5614	65.6		
43	51 13C2-PFUdA	565 > 519.8	2.10e4	3.21e4	0.260	0.655	5.40	8.19	31.2796	65.0		
44	-1											
45	23 L-EtFOSAA	584.1 > 419	5.45e2	4.88e3	0.260	0.000	5.38	1.39	5.6560		1.44	NO
46	72 Total N-EtFOSAA	584.1 > 419	5.45e2	4.88e3	0.260			1.39	5.6560			
47	26 PFDS	598.8 > 79.9		4.82e3	0.260							
48	27 PFDoA	612.9 > 56...		2.37e4	0.260							
49	29 PFTrDA	662.9 > 61...		2.37e4	0.260							
50	52 d5-N-EtFOSAA	589.3 > 419	4.88e3	3.21e4	0.260	0.152	5.37	1.90	29.7470	61.8		
51	52 d5-N-EtFOSAA	589.3 > 419	4.88e3	3.21e4	0.260	0.152	5.37	1.90	29.7470	61.8		
52	51 13C2-PFUdA	565 > 519.8	2.10e4	3.21e4	0.260	0.655	5.40	8.19	31.2796	65.0		
53	53 13C2-PFDoA	615.0 > 56...	2.37e4	3.38e4	0.260	0.701	5.68	8.76	29.5240	61.3		
54	53 13C2-PFDoA	615.0 > 56...	2.37e4	3.38e4	0.260	0.701	5.68	8.76	29.5240	61.3		
55	-1											
56	30 PFTeDA	712.8 > 66...		1.76e4	0.260							
57	73 TCDA	498.3>106.9			0.260							
58	60 13C4-PFBA	217. > 172	1.55e4	1.55e4	0.260	1.00	1.26	12.5	48.1436	100.0		
59	61 13C5-PFHxA	318 > 272.9	3.28e4	3.28e4	0.260	1.00	3.07	12.5	48.1436	100.0		
60	62 13C3-PFHxS	401.8 > 79.9	4.70e3	4.70e3	0.260	1.00	3.86	12.5	48.1436	100.0		
61	55 13C2-PFTeDA	714.8 > 66...	1.76e4	3.21e4	0.260	0.547	6.15	6.84	36.4449	75.7		
62	47 13C8-PFOS	507.0 > 79.9	4.82e3	5.15e3	0.260	0.937	4.77	11.7	42.4254	88.1		
63	63 13C8-PFOA	420.9 > 376	3.68e4	3.68e4	0.260	1.00	4.24	12.5	48.1436	100.0		
64	64 13C9-PFNA	472.2 > 42...	2.71e4	2.71e4	0.260	1.00	4.68	12.5	48.1436	100.0		
65	65 13C4-PFOS	503 > 79.9	5.15e3	5.15e3	0.260	1.00	4.77	12.5	48.1436	100.0		
66	-1											
67	66 13C6-PFDA	519.1 > 47...	3.38e4	3.38e4	0.260	1.00	5.07	12.5	48.1436	100.0		
68	67 13C7-PFUdA	570.1 > 52...	3.21e4	3.21e4	0.260	1.00	5.40	12.5	48.1436	100.0		

DODCMD_ID	INSTALLATION_ID	SDG	SITE_NAME	NORM_SITE_NAME	LOCATION_NAME	LOCATION_TYPE_DESC	COORD_X	COORD_Y	CONTRACT_ID	DO_CTO_NUMBER	CONTR_NAME	SAMPLE_NAME	SAMPLE_MATRIX_DESC	SAMPLE_TYPE_DESC	COLLECT_DATE	ANALYTICAL_METHOD	ANALYTICAL_METHOD_GRP_DESC
MID_ATLANTIC	CALVERTON_NWIRP	1802094	SITE 00006	SITE 00006	SASW301	Surface water body - nonspecific	1319427.03	272189.7158	N6247016D9008	WE05	TETRA TECH, INC.	SA-SW301-20180727	Surface water	Normal (Regular)	27-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094							N6247016D9008	WE05	TETRA TECH, INC.	EB01-072618	Water for QC samples	Equipment blank	26-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094							N6247016D9008	WE05	TETRA TECH, INC.	FRB02-072718	Water for QC samples	Field Reagent Blank	27-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094	SITE 00006	SITE 00006	SAPZ145I	Piezometer	1321863.717	271020.899	N6247016D9008	WE05	TETRA TECH, INC.	SA-PZ145I-20180726	Ground water	Normal (Regular)	26-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094							N6247016D9008	WE05	TETRA TECH, INC.	FRB01-072618	Water for QC samples	Field Reagent Blank	26-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094	SITE 00006	SITE 00006	SAMW128I	Monitoring well	1321999.47	271416.43	N6247016D9008	WE05	TETRA TECH, INC.	SA-MW128I-20180726	Ground water	Normal (Regular)	26-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094	SITE 00006	SITE 00006	SAPZ144S	Piezometer	1320454.983	270676.118	N6247016D9008	WE05	TETRA TECH, INC.	SA-PZ144S-20180726	Ground water	Normal (Regular)	26-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094	SITE 00006	SITE 00006	SAPZ145D	Piezometer	1321864.403	271011.347	N6247016D9008	WE05	TETRA TECH, INC.	SA-PZ145D-20180726	Ground water	Normal (Regular)	26-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094	SITE 00006	SITE 00006	SAPZ171I	Piezometer	1321406.517	270302.958	N6247016D9008	WE05	TETRA TECH, INC.	SA-PZ171I-20180727	Ground water	Normal (Regular)	27-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094	SITE 00006	SITE 00006	FCMW02SR1	Monitoring well	1318384.3	273393.05	N6247016D9008	WE05	TETRA TECH, INC.	FC-MW02SR1-20180726	Ground water	Normal (Regular)	26-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094	SITE 00006	SITE 00006	SAPZ163I	Piezometer	1320710.34	271418.75	N6247016D9008	WE05	TETRA TECH, INC.	SA-PZ163I-20180726	Ground water	Normal (Regular)	26-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094	SITE 00006	SITE 00006	SAPZ182I	Piezometer	1320423.636	271371.92	N6247016D9008	WE05	TETRA TECH, INC.	SA-PZ182I-20180726	Ground water	Normal (Regular)	26-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094	SITE 00006	SITE 00006	SAPZ181I	Piezometer	1320414.878	271745.971	N6247016D9008	WE05	TETRA TECH, INC.	SA-PZ181I-20180726	Ground water	Normal (Regular)	26-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094	SITE 00006	SITE 00006	SAPZ144I	Piezometer	1320452.813	270675.88	N6247016D9008	WE05	TETRA TECH, INC.	SA-PZ144I-20180726	Ground water	Normal (Regular)	26-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094							N6247016D9008	WE05	TETRA TECH, INC.	EB02-072718	Water for QC samples	Equipment blank	27-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094	SITE 00006	SITE 00006	SAPZ144S	Piezometer	1320454.983	270676.118	N6247016D9008	WE05	TETRA TECH, INC.	SA-PZ144S-20180726-D	Ground water	Field duplicate	26-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094	SITE 00006	SITE 00006	SASW204	Surface water body - nonspecific	1325699	270897	N6247016D9008	WE05	TETRA TECH, INC.	SA-SW204-20180727	Surface water	Normal (Regular)	27-Jul-18	537	Perfluoroalkyl Compounds
MID_ATLANTIC	CALVERTON_NWIRP	1802094	SITE 00006	SITE 00006	SASW201	Surface water body - nonspecific	1323256	269787	N6247016D9008	WE05	TETRA TECH, INC.	SA-SW201-20180727	Surface water	Normal (Regular)	27-Jul-18	537	Perfluoroalkyl Compounds