



**Groundwater Sample Results,
Level 2 Laboratory Report, Level 4 Laboratory Report,
Electronic Data Deliverable, Data Validation Report,
Sample Location Report, SDG 1800121**

Former NSY Mare Island, CA

March 2021

February 06, 2018

Vista Work Order No. 1800121

Ms. Nia Nikmanesh
KMEA
2423 Hoover Avenue
National City, CA 91950

Dear Ms. Nikmanesh,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on January 17, 2018. This sample set was analyzed on a standard turn-around time, under your Project Name 'BRAC PFAS, Mare Island, Vallejo, CA-TO 0008'.

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.

Vista Work Order No. 1800121

Case Narrative

Sample Condition on Receipt:

Two blank water samples and twelve groundwater 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 revised to the list of 14 PFAS.

Analytical Notes:

Modified EPA Method 537

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

<u>Laboratory ID</u>	<u>Sample Name</u>
1800121-05	IRSite5-GW-05W08-20180115
1800121-06	IRSite5-GW-05W01-20180115
1800121-07	IRSite5-GW-05W03-20180115
1800121-08	UXOSite14-GW-DPW79A-20180115
1800121-09	UXOSite14-GW-DPW78A-20180115
1800121-10	UXOSite14-GW-DPW77A-20180115
1800121-11	IRSite1-GW-01W48A -20180115
1800121-12	IRSite1-GW-01W49A- 20180115
1800121-13	IRSite1-GW-01W13A- 20180115
1800121-14	DUP01-20180115

The samples were extracted and analyzed for a selected list of PFAS using Modified EPA Method 537.

Holding Times

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

Quality Control

The Initial Calibration met the method acceptance criteria. The recoveries of PFTeDA and PFUnA were > 130% in one or more Continuing Calibration Verifications. These analytes were not detected in the samples. The acceptance criteria were met for all other analytes.

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 recovery of PFUnA was 159% in the OPR. This analyte was not detected in the samples. The recoveries of all other analytes were within the method acceptance criteria.

The extracts of the following samples, as well as the Matrix Spike and Matrix Spike Duplicate, were re-injected because one or more Injection Internal Standard Analyte response areas were outside of criteria :

<u>Laboratory ID</u>	<u>Sample Name</u>
1800121-02	EB01-20180115
1800121-04	IRSite5-GW-05W06-20180115
1800121-06	IRSite5-GW-05W01-20180115
1800121-07	IRSite5-GW-05W03-20180115
1800121-08	UXOSite14-GW-DPW79A-20180115
1800121-09	UXOSite14-GW-DPW78A-20180115
1800121-10	UXOSite14-GW-DPW77A-20180115
1800121-11	IRSite1-GW-01W48A -20180115
1800121-12	IRSite1-GW-01W49A- 20180115
1800121-13	IRSite1-GW-01W13A- 20180115
1800121-14	DUP01-20180115

The area criteria passed for the second injections and the results from the re-injections have been reported.

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

As requested, an MS/MSD was performed on sample IRSite1-GW-01W48A-20180115"". The MS/MSD recoveries and/or RPDs were out of the acceptance criteria for PFHxS and PFDoA.

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
1800121-03	IRSite5-GW-05W07-20180115	Modified EPA Method 537	13C2-PFTeDA	H	44.9
1800121-05	IRSite5-GW-05W08-20180115	Modified EPA Method 537	13C2-PFDoA	H	48.6
1800121-11	IRSite1-GW-01W48A -20180115	Modified EPA Method 537	13C2-PFTeDA	H	49.6

H = Recovery was outside laboratory acceptance criteria.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1800121-01	SB01-20180115	15-Jan-18 08:00	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-02	EB01-20180115	15-Jan-18 07:00	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-03	IRSite5-GW-05W07-20180115	15-Jan-18 08:40	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-04	IRSite5-GW-05W06-20180115	15-Jan-18 09:20	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-05	IRSite5-GW-05W08-20180115	15-Jan-18 09:45	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-06	IRSite5-GW-05W01-20180115	15-Jan-18 10:25	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-07	IRSite5-GW-05W03-20180115	15-Jan-18 11:05	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-08	UXO Site14-GW-DPW79A-20180115	15-Jan-18 12:00	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-09	UXO Site14-GW-DPW78A-20180115	15-Jan-18 13:30	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-10	UXO Site14-GW-DPW77A-20180115	15-Jan-18 14:00	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-11	IRSite1-GW-01W48A -20180115	MS/MSD15-Jan-18 15:00	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL

Vista Project: 1800121

Client Project: BRAC PFAS,Mare Island, Vallejo, CA-TO 0008

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1800121-12	IRSite1-GW-01W49A- 20180115	15-Jan-18 15:45	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-13	IRSite1-GW-01W13A- 20180115	15-Jan-18 16:40	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-14	DUP01-20180115	15-Jan-18 16:45	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL

ANALYTICAL RESULTS

Sample ID: Method Blank **Modified EPA Method 537**

Client Data				Laboratory Data						
Name:	KMEA	Matrix:	Aqueous	Lab Sample:	B8A0115-BLK1	Column:	BEH C18			
Project:	BRAC PFAS, Mare Island, Vallejo, CA-TO 0008									

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.895	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFHxA	ND	1.09	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFHpA	ND	0.296	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFHxS	ND	0.474	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFOA	ND	0.326	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFOS	ND	0.404	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFNA	ND	0.405	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFDA	ND	0.745	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
MeFOSAA	ND	0.825	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFOxA	ND	0.525	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
EtFOSAA	ND	0.685	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFOxA	ND	0.396	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFTeDA	ND	0.247	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFTeDA	ND	0.378	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	106	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C2-PFHxA	IS	103	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C4-PFHpA	IS	106	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
18O2-PFHxS	IS	98.8	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C2-PFOA	IS	79.5	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C8-PFOS	IS	102	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C5-PFNA	IS	94.5	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C2-PFDA	IS	101	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
d3-MeFOSAA	IS	74.8	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C2-PFOxA	IS	67.5	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
d5-EtFOSAA	IS	71.9	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C2-PFOxA	IS	58.2	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C2-PFTeDA	IS	59.7	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: OPR

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Aqueous	Lab Sample:	B8A0115-BS1	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008						

Analyte	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	38.4	40.0	96.0	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFHxA	45.2	40.0	113	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFHpA	43.0	40.0	108	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFHxS	46.7	40.0	117	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFOA	40.2	40.0	101	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFOS	38.8	40.0	97.0	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFNA	34.7	40.0	86.6	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFDA	32.7	40.0	81.8	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
MeFOSAA	48.8	40.0	122	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFUnA	63.6	40.0	159	70-130	H	B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
EtFOSAA	44.1	40.0	110	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFDoA	44.4	40.0	111	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFTTrDA	41.1	40.0	103	60-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFTeDA	50.8	40.0	127	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	107	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C2-PFHxA	IS	89.2	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C4-PFHpA	IS	103	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
18O2-PFHxS	IS	86.4	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C2-PFOA	IS	111	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C8-PFOS	IS	106	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C5-PFNA	IS	96.8	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C2-PFDA	IS	86.2	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
d3-MeFOSAA	IS	73.8	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C2-PFUnA	IS	73.4	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
d5-EtFOSAA	IS	77.4	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C2-PFDoA	IS	74.5	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C2-PFTeDA	IS	62.5	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1

Sample ID: SB01-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Blank Water	Lab Sample:	1800121-01	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 08:00	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.798	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFHxA	ND	0.972	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFHpA	ND	0.264	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFHxS	ND	0.422	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFOA	ND	0.290	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFOS	ND	0.360	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFNA	ND	0.361	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFDA	ND	0.664	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
MeFOSAA	ND	0.736	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFUnA	ND	0.468	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
EtFOSAA	ND	0.611	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFDoA	ND	0.353	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFTrDA	ND	0.220	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFTeDA	ND	0.337	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	114	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C2-PFHxA	IS	106	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C4-PFHpA	IS	104	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
18O2-PFHxS	IS	88.1	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C2-PFOA	IS	76.5	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C8-PFOS	IS	111	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C5-PFNA	IS	90.4	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C2-PFDA	IS	75.8	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
d3-MeFOSAA	IS	66.6	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C2-PFUnA	IS	73.9	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
d5-EtFOSAA	IS	74.2	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C2-PFDoA	IS	72.4	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C2-PFTeDA	IS	65.5	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: EB01-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Blank Water	Lab Sample:	1800121-02	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 07:00	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.893	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFHxA	ND	1.09	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFHpA	ND	0.295	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFHxS	ND	0.472	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFOA	ND	0.325	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFOS	ND	0.402	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFNA	ND	0.404	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFDA	ND	0.743	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
MeFOSAA	ND	0.823	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFOxA	ND	0.524	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
EtFOSAA	ND	0.683	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFOxA	ND	0.395	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFTeDA	ND	0.246	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFTeDA	ND	0.377	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	92.0	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C2-PFHxA	IS	91.6	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C4-PFHpA	IS	84.2	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
18O2-PFHxS	IS	97.1	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C2-PFOA	IS	102	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C8-PFOS	IS	95.1	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C5-PFNA	IS	80.0	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C2-PFDA	IS	72.3	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
d3-MeFOSAA	IS	63.3	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C2-PFOxA	IS	64.5	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
d5-EtFOSAA	IS	65.0	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C2-PFOxA	IS	71.7	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C2-PFTeDA	IS	55.8	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite5-GW-05W07-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-03	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 08:40	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.819	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFHxA	3.29	0.997	2.29	3.66	J	B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFHpA	ND	0.270	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFHxS	3.32	0.433	2.29	3.66	J	B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFOA	2.57	0.298	2.29	3.66	J	B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFOS	3.36	0.369	2.29	3.66	J	B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFNA	0.560	0.370	2.29	3.66	J	B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFDA	ND	0.681	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
MeFOSAA	ND	0.755	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFUnA	ND	0.480	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
EtFOSAA	ND	0.627	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFDoA	ND	0.362	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFTrDA	ND	0.226	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFTeDA	ND	0.345	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	99.9	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C2-PFHxA	IS	83.1	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C4-PFHpA	IS	102	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
18O2-PFHxS	IS	101	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C2-PFOA	IS	91.6	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C8-PFOS	IS	91.5	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C5-PFNA	IS	75.4	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C2-PFDA	IS	82.9	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
d3-MeFOSAA	IS	60.9	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C2-PFUnA	IS	62.8	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
d5-EtFOSAA	IS	55.3	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C2-PFDoA	IS	56.9	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C2-PFTeDA	IS	44.9	50 - 150	H	B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite5-GW-05W06-20180115

Modified EPA Method 537

Client Data					Laboratory Data					
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-04	Column:	BEH C18			
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 09:20	Date Received:	17-Jan-18 09:33					

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	1.25	0.852	2.38	3.81	J	B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFHxA	ND	1.04	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFHpA	0.550	0.281	2.38	3.81	J	B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFHxS	1.36	0.451	2.38	3.81	J	B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFOA	1.64	0.310	2.38	3.81	J	B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFOS	3.06	0.384	2.38	3.81	J	B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFNA	ND	0.386	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFDA	ND	0.709	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
MeFOSAA	ND	0.786	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFOA	ND	0.500	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
EtFOSAA	ND	0.652	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFOA	ND	0.377	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFOA	ND	0.235	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFOA	ND	0.359	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	99.4	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C2-PFHxA	IS	93.7	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C4-PFHpA	IS	91.1	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
18O2-PFHxS	IS	99.9	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C2-PFOA	IS	94.1	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C8-PFOS	IS	97.8	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C5-PFNA	IS	103	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C2-PFDA	IS	107	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
d3-MeFOSAA	IS	65.0	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C2-PFOA	IS	83.6	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
d5-EtFOSAA	IS	77.1	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C2-PFOA	IS	52.2	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C2-PFOA	IS	53.1	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite5-GW-05W08-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-05	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 09:45	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	3.26	0.835	2.33	3.73	J	B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFHxA	1.02	1.02	2.33	3.73	J	B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFHpA	ND	0.276	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFHxS	2.72	0.442	2.33	3.73	J	B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFOA	1.58	0.304	2.33	3.73	J	B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFOS	ND	0.377	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFNA	ND	0.378	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFDA	ND	0.695	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
MeFOSAA	ND	0.770	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFUnA	ND	0.490	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
EtFOSAA	ND	0.639	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFDoA	ND	0.370	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFTrDA	ND	0.231	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFTeDA	ND	0.352	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	101	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C2-PFHxA	IS	98.5	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C4-PFHpA	IS	102	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
18O2-PFHxS	IS	75.6	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C2-PFOA	IS	80.5	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C8-PFOS	IS	102	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C5-PFNA	IS	86.4	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C2-PFDA	IS	92.2	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
d3-MeFOSAA	IS	74.5	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C2-PFUnA	IS	80.6	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
d5-EtFOSAA	IS	69.6	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C2-PFDoA	IS	48.6	50 - 150	H	B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C2-PFTeDA	IS	50.8	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite5-GW-05W01-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-06	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 10:25	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	4.67	0.810	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFHxA	7.59	0.987	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFHpA	6.41	0.268	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFHxS	3.06	0.429	2.26	3.62	J	B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFOA	11.0	0.295	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFOS	ND	0.365	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFNA	ND	0.367	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFDA	ND	0.675	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
MeFOSAA	ND	0.747	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFUnA	ND	0.475	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
EtFOSAA	ND	0.620	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFDoA	ND	0.359	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFTrDA	ND	0.224	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFTeDA	ND	0.342	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	104	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C2-PFHxA	IS	96.7	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C4-PFHpA	IS	100	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
18O2-PFHxS	IS	94.3	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C2-PFOA	IS	92.0	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C8-PFOS	IS	73.3	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C5-PFNA	IS	95.3	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C2-PFDA	IS	70.3	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
d3-MeFOSAA	IS	75.4	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C2-PFUnA	IS	89.6	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
d5-EtFOSAA	IS	86.3	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C2-PFDoA	IS	69.0	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C2-PFTeDA	IS	85.8	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite5-GW-05W03-20180115

Modified EPA Method 537

Client Data					Laboratory Data					
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-07	Column:	BEH C18			
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 11:05	Date Received:	17-Jan-18 09:33					

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	2.75	0.888	2.48	3.97	J	B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFHxA	10.7	1.08	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFHpA	5.42	0.293	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFHxS	3.24	0.470	2.48	3.97	J	B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFOA	9.97	0.323	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFOS	ND	0.400	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFNA	ND	0.402	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFDA	ND	0.739	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
MeFOSAA	ND	0.819	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFOxA	ND	0.521	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
EtFOSAA	ND	0.680	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFOxA	ND	0.393	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFTeDA	ND	0.245	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFTeDA	ND	0.375	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	115	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C2-PFHxA	IS	105	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C4-PFHpA	IS	107	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
18O2-PFHxS	IS	113	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C2-PFOA	IS	90.4	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C8-PFOS	IS	89.0	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C5-PFNA	IS	83.5	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C2-PFDA	IS	113	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
d3-MeFOSAA	IS	82.4	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C2-PFOxA	IS	84.8	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
d5-EtFOSAA	IS	97.0	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C2-PFOxA	IS	98.8	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C2-PFTeDA	IS	87.7	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: UXOSite14-GW-DPW79A-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-08	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 12:00	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.904	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFHxA	ND	1.10	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFHpA	ND	0.299	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFHxS	ND	0.478	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFOA	ND	0.329	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFOS	ND	0.408	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFNA	ND	0.409	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFDA	ND	0.753	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
MeFOSAA	ND	0.834	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFUnA	ND	0.530	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
EtFOSAA	ND	0.692	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFDoA	ND	0.400	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFTrDA	ND	0.250	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFTeDA	ND	0.381	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	105	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C2-PFHxA	IS	96.1	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C4-PFHpA	IS	89.9	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
18O2-PFHxS	IS	111	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C2-PFOA	IS	84.8	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C8-PFOS	IS	105	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C5-PFNA	IS	101	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C2-PFDA	IS	83.7	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
d3-MeFOSAA	IS	68.9	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C2-PFUnA	IS	75.6	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
d5-EtFOSAA	IS	78.0	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C2-PFDoA	IS	58.1	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C2-PFTeDA	IS	54.6	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: UXOSite14-GW-DPW78A-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-09	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 13:30	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.845	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFHxA	ND	1.03	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFHpA	ND	0.279	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFHxS	ND	0.447	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFOA	0.708	0.307	2.36	3.78	J	B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFOS	ND	0.381	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFNA	ND	0.382	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFDA	ND	0.704	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
MeFOSAA	ND	0.779	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFUnA	ND	0.496	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
EtFOSAA	ND	0.647	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFDoA	ND	0.374	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFTrDA	ND	0.233	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFTeDA	ND	0.357	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	121	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C2-PFHxA	IS	121	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C4-PFHpA	IS	104	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
18O2-PFHxS	IS	101	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C2-PFOA	IS	97.4	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C8-PFOS	IS	86.5	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C5-PFNA	IS	91.6	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C2-PFDA	IS	62.5	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
d3-MeFOSAA	IS	72.9	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C2-PFUnA	IS	76.0	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
d5-EtFOSAA	IS	65.5	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C2-PFDoA	IS	72.5	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C2-PFTeDA	IS	51.2	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: UXOSite14-GW-DPW77A-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-10	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 14:00	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.852	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFHxA	ND	1.04	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFHpA	ND	0.281	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFHxS	ND	0.451	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFOA	0.352	0.310	2.38	3.81	J	B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFOS	ND	0.384	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFNA	ND	0.385	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFDA	ND	0.709	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
MeFOSAA	ND	0.785	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFOxA	ND	0.500	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
EtFOSAA	ND	0.652	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFOxA	ND	0.377	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFOxA	ND	0.235	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFOxA	ND	0.359	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	109	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C2-PFHxA	IS	95.1	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C4-PFHpA	IS	96.5	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
18O2-PFHxS	IS	122	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C2-PFOA	IS	94.7	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C8-PFOS	IS	93.9	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C5-PFNA	IS	91.1	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C2-PFDA	IS	97.7	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
d3-MeFOSAA	IS	79.0	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C2-PFOxA	IS	90.3	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
d5-EtFOSAA	IS	73.0	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C2-PFOxA	IS	76.2	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C2-PFOxA	IS	64.8	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite1-GW-01W48A -20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-11	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 15:00	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	6.81	0.866	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFHxA	20.5	1.05	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFHpA	13.6	0.286	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFHxS	15.5	0.458	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFOA	36.5	0.315	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFOS	1.09	0.390	2.42	3.87	J	B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFNA	ND	0.392	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFDA	ND	0.721	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
MeFOSAA	ND	0.798	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFOxA	ND	0.508	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
EtFOSAA	ND	0.663	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFOxA	ND	0.383	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFOxA	ND	0.239	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFOxA	ND	0.365	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	103	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C2-PFHxA	IS	94.4	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C4-PFHpA	IS	88.3	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
18O2-PFHxS	IS	96.3	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C2-PFOA	IS	76.8	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C8-PFOS	IS	107	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C5-PFNA	IS	93.0	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C2-PFDA	IS	83.7	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
d3-MeFOSAA	IS	69.1	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C2-PFOxA	IS	63.9	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
d5-EtFOSAA	IS	76.9	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C2-PFOxA	IS	56.3	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C2-PFOxA	IS	49.6	50 - 150	H	B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite1-GW-01W48A -20180115 **Modified EPA Method 537**

Name: KMEA	Lab Sample: B8A0115-MS1/B8A0115-MSD1	Source Lab Sample: 1800121-11
Project: BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	QC Batch: B8A0115	Date Extracted: 22-Jan-18
Matrix: Aqueous	Samp Size: 0.257/0.250 L	Column: BEH C18

Analyte	Sample (ng/L)	MS (ng/L)	MS Spike Amt	MS % Rec	MS Quals	MSD (ng/L)	MSD Spike Amt	MSD % Rec	RPD	MSD Quals	%Rec Limits	RPD Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
PFBS	6.81	44.2	39.0	95.8		47.5	39.9	102	6.27		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFHxA	20.5	64.4	39.0	113		67.9	39.9	119	5.17		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFHpA	13.6	51.5	39.0	97.1		54.6	39.9	103	5.90		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFHxS	15.5	68.2	39.0	135	H	63.7	39.9	121	10.9		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFOA	36.5	67.7	39.0	79.8		70.1	39.9	84.2	5.37		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFOS	1.09	42.0	39.0	105		37.4	39.9	91.0	14.3		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFNA	ND	38.3	39.0	98.2		38.8	39.9	97.2	1.02		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFDA	ND	35.9	39.0	92.0		35.2	39.9	88.2	4.22		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
MeFOSAA	ND	37.2	39.0	95.5		46.3	39.9	116	19.4		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFUnA	ND	36.8	39.0	94.5		31.0	39.9	77.7	19.5		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
EtFOSAA	ND	43.5	39.0	112		35.8	39.9	89.8	22.0		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFDoA	ND	56.5	39.0	145	H	46.8	39.9	117	21.4		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFTTrDA	ND	39.8	39.0	102		39.7	39.9	99.6	2.38		60-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFTeDA	ND	38.4	39.0	98.5		40.8	39.9	102	3.49		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C3-PFBS	IS	113		107		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C2-PFHxA	IS	92.7		96.9		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C4-PFHpA	IS	108		103		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
18O2-PFHxS	IS	96.7		90.5		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C2-PFOA	IS	97.1		99.7		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C8-PFOS	IS	75.5		92.4		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C5-PFNA	IS	84.9		99.2		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C2-PFDA	IS	89.9		97.7		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
d3-MeFOSAA	IS	79.0		62.7		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C2-PFUnA	IS	100		81.0		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
d5-EtFOSAA	IS	82.5		79.7		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C2-PFDoA	IS	72.9		63.7		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C2-PFTeDA	IS	78.2		71.1		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1

Sample ID: IRSite1-GW-01W49A- 20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-12	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 15:45	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.854	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFHxA	ND	1.04	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFHpA	ND	0.282	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFHxS	ND	0.452	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFOA	ND	0.310	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFOS	ND	0.385	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFNA	ND	0.386	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFDA	ND	0.710	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
MeFOSAA	ND	0.787	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFOxA	ND	0.501	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
EtFOSAA	ND	0.653	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFOxA	ND	0.378	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFOxA	ND	0.236	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFOxA	ND	0.360	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	93.4	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C2-PFHxA	IS	97.9	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C4-PFHpA	IS	81.9	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
18O2-PFHxS	IS	109	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C2-PFOA	IS	92.1	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C8-PFOS	IS	92.2	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C5-PFNA	IS	103	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C2-PFDA	IS	80.5	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
d3-MeFOSAA	IS	83.6	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C2-PFOxA	IS	82.4	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
d5-EtFOSAA	IS	94.4	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C2-PFOxA	IS	62.5	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C2-PFOxA	IS	76.0	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite1-GW-01W13A- 20180115

Modified EPA Method 537

Client Data					Laboratory Data					
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-13	Column:	BEH C18			
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 16:40	Date Received:	17-Jan-18 09:33					

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	38.9	0.904	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFHxA	135	1.10	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFHpA	89.1	0.299	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFHxS	102	0.478	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFOA	113	0.329	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFOS	11.6	0.408	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFNA	0.801	0.409	2.53	4.04	J	B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFDA	ND	0.753	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
MeFOSAA	ND	0.834	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFUnA	ND	0.531	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
EtFOSAA	ND	0.692	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFDoA	ND	0.400	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFTrDA	ND	0.250	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFTeDA	ND	0.381	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	96.5	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C2-PFHxA	IS	90.9	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C4-PFHpA	IS	94.9	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
18O2-PFHxS	IS	88.5	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C2-PFOA	IS	80.9	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C8-PFOS	IS	89.8	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C5-PFNA	IS	86.3	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C2-PFDA	IS	71.7	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
d3-MeFOSAA	IS	57.1	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C2-PFUnA	IS	62.4	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
d5-EtFOSAA	IS	66.1	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C2-PFDoA	IS	63.1	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C2-PFTeDA	IS	54.6	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: DUP01-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-14	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 16:45	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	42.4	0.842	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFHxA	127	1.03	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFHpA	82.6	0.278	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFHxS	95.5	0.445	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFOA	105	0.306	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFOS	11.1	0.380	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFNA	ND	0.381	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFDA	ND	0.701	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
MeFOSAA	ND	0.776	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFUnA	ND	0.494	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
EtFOSAA	ND	0.644	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFDoA	ND	0.372	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFTrDA	ND	0.232	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFTeDA	ND	0.355	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	106	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C2-PFHxA	IS	101	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C4-PFHpA	IS	101	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
18O2-PFHxS	IS	98.8	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C2-PFOA	IS	101	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C8-PFOS	IS	85.4	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C5-PFNA	IS	114	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C2-PFDA	IS	79.8	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
d3-MeFOSAA	IS	62.8	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C2-PFUnA	IS	93.4	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
d5-EtFOSAA	IS	69.3	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C2-PFDoA	IS	70.8	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C2-PFTeDA	IS	56.3	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

When reported, PFHxS, PFOA and PFOS 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.
D	Dilution
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.
M	Estimated Maximum Possible Concentration. (CA Region 2 projects only)
*	See Cover Letter
Conc.	Concentration
NA	Not applicable
ND	Not Detected
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)

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	17-015-0
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	2016026
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	4042-008
Pennsylvania Department of Environmental Protection	014
Texas Commission on Environmental Quality	T104704189-17-8
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.

1800121
 1.7°C

LABORATORY CLIENT: AMEC Foster Wheeler E & I, Inc.						CLIENT PROJECT NAME / NUMBER: BRAC PFAS, Mare Island, Vallejo, CA - TO 0008						P.O. NO.: KMEA PO 658											
ADDRESS: 9210 Sky Park Court						PROJECT CONTACT: Corey Guerrant/Marie Bevier						CONTRACT NO.: N62473-16-D-2405											
CITY: San Diego, CA 92123						SAMPLER(S): (SIGNATURE) <i>Ulf Ruitz</i>						LAB USE ONLY <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>											
TEL: 503.639.3400		E-Mail <i>corey.guerrant@woodplc.com</i>		E-MAIL <i>marie.bevier@amecfw.com</i>																			
TURNAROUND TIME <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> 10 DAYS												REQUESTED ANALYSIS											
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWQCB REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL ___/___/___																							
SPECIAL INSTRUCTIONS FRB samples are only to be analyzed if associated field samples exhibit detection at or above LOQ.																							
LAB USE ONLY	SAMPLE ID	SAMPLING		Matrix	#Cont	QC Level	PFOA, PFOS, and PFBS (U.S. EPA 537 Mod.) GW	PFOA, PFOS, and PFBS (U.S. EPA 537) DW Supply															
		DATE	TIME																				
	S B01 - 20180115	1/15/18	8:00	BW	3		X																
	E B01 - 20180115		7:00		3		X																
	IR Site 5 - GW - 05W07 - 20180115		8:40	GW	3	IV	X																
	IR Site 5 - GW - 05W06 - 20180115		9:20		3		X																
	IR Site 5 - GW - 05W08 - 20180115		9:45		3		X																
	IR Site 5 - GW - 05W01 - 20180115		10:25		3		X																
	IR Site 5 - GW - 05W03 - 20180115		11:05		3		X																
	UXO Site 14 - GW - DPW 79A - 20180115		12:00		3		X																
	UXO Site 14 - GW - DPW 78A - 20180115		13:30		3		X																
	UXO Site 14 - GW - DPW 77A - 20180115		14:00		3		X																
Relinquished by: (Signature) <i>Ulf Ruitz</i>						Received by: (Signature) / Carrier Tracking Number FedEx						Date: 1/16/18 Time: 14:00											
Relinquished by: (Signature)						Received by: (Signature) <i>[Signature]</i>						Date: 1/17/18 Time: 0954											
Relinquished by: (Signature)						Received by: (Signature)						Date: _____ Time: _____											

1800121
 1.7°C

LABORATORY CLIENT: AMEC Foster Wheeler E & I, Inc.				CLIENT PROJECT NAME / NUMBER: BRAC PFAS, Mare Island, Vallejo, CA - TO 0008				P.O. NO.: KMEA PO 658								
ADDRESS: 9210 Sky Park Court				PROJECT CONTACT: Corey Guerrant/Marie Bevier				CONTRACT NO.: N62473-16-D-2405								
CITY: San Diego, CA 92123				SAMPLER(S): (SIGNATURE) <i>Corey Guerrant</i>				LAB USE ONLY <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>								
TEL: 503.639.3400		E-Mail <i>corey.guerrant@woodplc.com</i>		E-MAIL <i>marie.bevier@amecfw.com</i>												
TURNAROUND TIME <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> 10 DAYS						REQUESTED ANALYSIS										
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWQCB REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL ___/___/___																
SPECIAL INSTRUCTIONS FRB samples are only to be analyzed if associated field samples exhibit detection at or above LOQ.																
LAB USE ONLY	SAMPLE ID	SAMPLING		Matrix	#Cont	QC Level	PFOA, PFOS, and PFBS (U.S. EPA 537 Mod.) GW	PFOA, PFOS, and PFBS (U.S. EPA 537) DW Supply								
		DATE	TIME													
	IRS:tel-GW-01W48A-20180115	1/15/18	15:00	GW	9		X		M/S	/	M/S	0				
	IRStk 1-GW-01W49A-20180115	↓	15:45	↓	3		X									
	IRStk 1-GW-01W13A-20180115	↓	16:40	↓	3		X									
	DUPO1-20180115	↓	16:45	↓	3		X									
Relinquished by: (Signature) <i>Corey Guerrant</i>						Received by: (Signature) / Carrier Tracking Number FedEx				Date: 1/16/18	Time: 14:00					
Relinquished by: (Signature)						Received by: (Signature) <i>Martha Maier</i>				Date: 1/17/18	Time: 0954					
Relinquished by: (Signature)						Received by: (Signature)				Date:	Time:					

Sample Log-in Checklist

Vista Work Order #: 1800121 TAT 3rd

Samples Arrival:	Date/Time 11/17/18 0933	Initials: IA	Location: WR-2 Shelf/Rack: U/A				
Logged In:	Date/Time 01/18/18 1350	Initials: JAB	Location: WR-2 Shelf/Rack: E3				
Delivered By:	<input checked="" type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> On Trac	<input type="checkbox"/> GSO	<input type="checkbox"/> DHL	<input type="checkbox"/> Hand Delivered	<input type="checkbox"/> Other
Preservation:	<input checked="" type="checkbox"/> Ice	<input type="checkbox"/> Blue Ice	<input type="checkbox"/> Dry Ice	<input type="checkbox"/> None			
Temp °C: 1.8 (uncorrected)	Time: 0959	Thermometer ID: IR-4					
Temp °C: 1.7 (corrected)	Probe used: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>						

	YES	NO	NA			
Adequate Sample Volume Received?	<input checked="" type="checkbox"/>					
Holding Time Acceptable?	<input checked="" type="checkbox"/>					
Shipping Container(s) Intact?	<input checked="" type="checkbox"/>					
Shipping Custody Seals Intact?	<input checked="" type="checkbox"/>					
Shipping Documentation Present?	<input checked="" type="checkbox"/>					
Airbill <u>lot 2</u> Trk # <u>8106 8554 0508</u>	<input checked="" type="checkbox"/>					
Sample Container Intact?	<input checked="" type="checkbox"/>					
Sample Custody Seals Intact?			<input checked="" type="checkbox"/>			
Chain of Custody / Sample Documentation Present?	<input checked="" type="checkbox"/>					
COC Anomaly/Sample Acceptance Form completed?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			<input checked="" type="checkbox"/>			
Preservation Documented:	<input type="checkbox"/> Na ₂ S ₂ O ₃	<input type="checkbox"/> Trizma	<input checked="" type="checkbox"/> None	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
Shipping Container	<input checked="" type="checkbox"/> Vista	<input type="checkbox"/> Client	<input checked="" type="checkbox"/> Retain	<input type="checkbox"/> Return	<input type="checkbox"/> Dispose	

Comments:

February 06, 2018

Vista Work Order No. 1800121

Ms. Nia Nikmanesh
KMEA
2423 Hoover Avenue
National City, CA 91950

Dear Ms. Nikmanesh,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on January 17, 2018. This sample set was analyzed on a standard turn-around time, under your Project Name 'BRAC PFAS, Mare Island, Vallejo, CA-TO 0008'.

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.

Vista Work Order No. 1800121

Case Narrative

Sample Condition on Receipt:

Two blank water samples and twelve groundwater 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 revised to the list of 14 PFAS.

Analytical Notes:

Modified EPA Method 537

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

<u>Laboratory ID</u>	<u>Sample Name</u>
1800121-05	IRSite5-GW-05W08-20180115
1800121-06	IRSite5-GW-05W01-20180115
1800121-07	IRSite5-GW-05W03-20180115
1800121-08	UXOSite14-GW-DPW79A-20180115
1800121-09	UXOSite14-GW-DPW78A-20180115
1800121-10	UXOSite14-GW-DPW77A-20180115
1800121-11	IRSite1-GW-01W48A -20180115
1800121-12	IRSite1-GW-01W49A- 20180115
1800121-13	IRSite1-GW-01W13A- 20180115
1800121-14	DUP01-20180115

The samples were extracted and analyzed for a selected list of PFAS using Modified EPA Method 537.

Holding Times

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

Quality Control

The Initial Calibration met the method acceptance criteria. The recoveries of PFTeDA and PFUnA were > 130% in one or more Continuing Calibration Verifications. These analytes were not detected in the samples. The acceptance criteria were met for all other analytes.

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 recovery of PFUnA was 159% in the OPR. This analyte was not detected in the samples. The recoveries of all other analytes were within the method acceptance criteria.

The extracts of the following samples, as well as the Matrix Spike and Matrix Spike Duplicate, were re-injected because one or more Injection Internal Standard Analyte response areas were outside of criteria :

<u>Laboratory ID</u>	<u>Sample Name</u>
1800121-02	EB01-20180115
1800121-04	IRSite5-GW-05W06-20180115
1800121-06	IRSite5-GW-05W01-20180115
1800121-07	IRSite5-GW-05W03-20180115
1800121-08	UXOSite14-GW-DPW79A-20180115
1800121-09	UXOSite14-GW-DPW78A-20180115
1800121-10	UXOSite14-GW-DPW77A-20180115
1800121-11	IRSite1-GW-01W48A -20180115
1800121-12	IRSite1-GW-01W49A- 20180115
1800121-13	IRSite1-GW-01W13A- 20180115
1800121-14	DUP01-20180115

The area criteria passed for the second injections and the results from the re-injections have been reported.

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

As requested, an MS/MSD was performed on sample IRSite1-GW-01W48A-20180115"". The MS/MSD recoveries and/or RPDs were out of the acceptance criteria for PFHxS and PFDoA.

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
1800121-03	IRSite5-GW-05W07-20180115	Modified EPA Method 537	13C2-PFTeDA	H	44.9
1800121-05	IRSite5-GW-05W08-20180115	Modified EPA Method 537	13C2-PFDoA	H	48.6
1800121-11	IRSite1-GW-01W48A -20180115	Modified EPA Method 537	13C2-PFTeDA	H	49.6

H = Recovery was outside laboratory acceptance criteria.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1800121-01	SB01-20180115	15-Jan-18 08:00	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-02	EB01-20180115	15-Jan-18 07:00	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-03	IRSite5-GW-05W07-20180115	15-Jan-18 08:40	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-04	IRSite5-GW-05W06-20180115	15-Jan-18 09:20	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-05	IRSite5-GW-05W08-20180115	15-Jan-18 09:45	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-06	IRSite5-GW-05W01-20180115	15-Jan-18 10:25	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-07	IRSite5-GW-05W03-20180115	15-Jan-18 11:05	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-08	UXO Site14-GW-DPW79A-20180115	15-Jan-18 12:00	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-09	UXO Site14-GW-DPW78A-20180115	15-Jan-18 13:30	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-10	UXO Site14-GW-DPW77A-20180115	15-Jan-18 14:00	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-11	IRSite1-GW-01W48A -20180115	MS/MSD15-Jan-18 15:00	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1800121-12	IRSite1-GW-01W49A- 20180115	15-Jan-18 15:45	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-13	IRSite1-GW-01W13A- 20180115	15-Jan-18 16:40	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800121-14	DUP01-20180115	15-Jan-18 16:45	17-Jan-18 09:33	HDPE Bottle, 250 mL HDPE Bottle, 125 mL HDPE Bottle, 125 mL

ANALYTICAL RESULTS

Sample ID: Method Blank **Modified EPA Method 537**

Client Data				Laboratory Data						
Name:	KMEA	Matrix:	Aqueous	Lab Sample:	B8A0115-BLK1	Column:	BEH C18			
Project:	BRAC PFAS, Mare Island, Vallejo, CA-TO 0008									

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.895	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFHxA	ND	1.09	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFHpA	ND	0.296	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFHxS	ND	0.474	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFOA	ND	0.326	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFOS	ND	0.404	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFNA	ND	0.405	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFDA	ND	0.745	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
MeFOSAA	ND	0.825	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFUnA	ND	0.525	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
EtFOSAA	ND	0.685	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFDoA	ND	0.396	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFTrDA	ND	0.247	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
PFTeDA	ND	0.378	2.50	4.00		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	106	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C2-PFHxA	IS	103	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C4-PFHpA	IS	106	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
18O2-PFHxS	IS	98.8	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C2-PFOA	IS	79.5	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C8-PFOS	IS	102	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C5-PFNA	IS	94.5	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C2-PFDA	IS	101	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
d3-MeFOSAA	IS	74.8	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C2-PFUnA	IS	67.5	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
d5-EtFOSAA	IS	71.9	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C2-PFDoA	IS	58.2	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1
13C2-PFTeDA	IS	59.7	50 - 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:51	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: OPR

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Aqueous	Lab Sample:	B8A0115-BS1	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008						

Analyte	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	38.4	40.0	96.0	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFHxA	45.2	40.0	113	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFHpA	43.0	40.0	108	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFHxS	46.7	40.0	117	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFOA	40.2	40.0	101	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFOS	38.8	40.0	97.0	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFNA	34.7	40.0	86.6	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFDA	32.7	40.0	81.8	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
MeFOSAA	48.8	40.0	122	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFUnA	63.6	40.0	159	70-130	H	B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
EtFOSAA	44.1	40.0	110	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFDoA	44.4	40.0	111	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFTTrDA	41.1	40.0	103	60-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
PFTeDA	50.8	40.0	127	70-130		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
Labeled Standards	Type		% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS		107	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C2-PFHxA	IS		89.2	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C4-PFHpA	IS		103	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
18O2-PFHxS	IS		86.4	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C2-PFOA	IS		111	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C8-PFOS	IS		106	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C5-PFNA	IS		96.8	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C2-PFDA	IS		86.2	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
d3-MeFOSAA	IS		73.8	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C2-PFUnA	IS		73.4	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
d5-EtFOSAA	IS		77.4	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C2-PFDoA	IS		74.5	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1
13C2-PFTeDA	IS		62.5	50- 150		B8A0115	22-Jan-18	0.250 L	29-Jan-18 23:39	1

Sample ID: SB01-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Blank Water	Lab Sample:	1800121-01	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 08:00	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.798	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFHxA	ND	0.972	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFHpA	ND	0.264	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFHxS	ND	0.422	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFOA	ND	0.290	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFOS	ND	0.360	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFNA	ND	0.361	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFDA	ND	0.664	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
MeFOSAA	ND	0.736	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFUnA	ND	0.468	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
EtFOSAA	ND	0.611	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFDoA	ND	0.353	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFTrDA	ND	0.220	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
PFTeDA	ND	0.337	2.23	3.57		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	114	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C2-PFHxA	IS	106	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C4-PFHpA	IS	104	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
18O2-PFHxS	IS	88.1	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C2-PFOA	IS	76.5	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C8-PFOS	IS	111	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C5-PFNA	IS	90.4	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C2-PFDA	IS	75.8	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
d3-MeFOSAA	IS	66.6	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C2-PFUnA	IS	73.9	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
d5-EtFOSAA	IS	74.2	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C2-PFDoA	IS	72.4	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1
13C2-PFTeDA	IS	65.5	50 - 150		B8A0115	22-Jan-18	0.280 L	30-Jan-18 00:25	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: EB01-20180115

Modified EPA Method 537

Client Data					Laboratory Data					
Name:	KMEA	Matrix:	Blank Water		Lab Sample:	1800121-02	Column:	BEH C18		
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 07:00		Date Received:	17-Jan-18 09:33				

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.893	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFHxA	ND	1.09	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFHpA	ND	0.295	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFHxS	ND	0.472	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFOA	ND	0.325	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFOS	ND	0.402	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFNA	ND	0.404	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFDA	ND	0.743	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
MeFOSAA	ND	0.823	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFOxA	ND	0.524	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
EtFOSAA	ND	0.683	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFOxA	ND	0.395	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFTeDA	ND	0.246	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
PFTeDA	ND	0.377	2.49	3.99		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	92.0	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C2-PFHxA	IS	91.6	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C4-PFHpA	IS	84.2	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
18O2-PFHxS	IS	97.1	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C2-PFOA	IS	102	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C8-PFOS	IS	95.1	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C5-PFNA	IS	80.0	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C2-PFDA	IS	72.3	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
d3-MeFOSAA	IS	63.3	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C2-PFOxA	IS	64.5	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
d5-EtFOSAA	IS	65.0	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C2-PFOxA	IS	71.7	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1
13C2-PFTeDA	IS	55.8	50 - 150		B8A0115	22-Jan-18	0.251 L	30-Jan-18 17:28	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite5-GW-05W07-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-03	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 08:40	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.819	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFHxA	3.29	0.997	2.29	3.66	J	B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFHpA	ND	0.270	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFHxS	3.32	0.433	2.29	3.66	J	B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFOA	2.57	0.298	2.29	3.66	J	B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFOS	3.36	0.369	2.29	3.66	J	B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFNA	0.560	0.370	2.29	3.66	J	B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFDA	ND	0.681	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
MeFOSAA	ND	0.755	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFUnA	ND	0.480	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
EtFOSAA	ND	0.627	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFDoA	ND	0.362	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFTrDA	ND	0.226	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
PFTeDA	ND	0.345	2.29	3.66		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	99.9	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C2-PFHxA	IS	83.1	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C4-PFHpA	IS	102	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
18O2-PFHxS	IS	101	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C2-PFOA	IS	91.6	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C8-PFOS	IS	91.5	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C5-PFNA	IS	75.4	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C2-PFDA	IS	82.9	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
d3-MeFOSAA	IS	60.9	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C2-PFUnA	IS	62.8	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
d5-EtFOSAA	IS	55.3	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C2-PFDoA	IS	56.9	50 - 150		B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1
13C2-PFTeDA	IS	44.9	50 - 150	H	B8A0115	22-Jan-18	0.273 L	30-Jan-18 00:48	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite5-GW-05W06-20180115

Modified EPA Method 537

Client Data					Laboratory Data					
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-04	Column:	BEH C18			
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 09:20	Date Received:	17-Jan-18 09:33					

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	1.25	0.852	2.38	3.81	J	B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFHxA	ND	1.04	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFHpA	0.550	0.281	2.38	3.81	J	B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFHxS	1.36	0.451	2.38	3.81	J	B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFOA	1.64	0.310	2.38	3.81	J	B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFOS	3.06	0.384	2.38	3.81	J	B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFNA	ND	0.386	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFDA	ND	0.709	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
MeFOSAA	ND	0.786	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFOxA	ND	0.500	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
EtFOSAA	ND	0.652	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFOxA	ND	0.377	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFTeDA	ND	0.235	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
PFTeDA	ND	0.359	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	99.4	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C2-PFHxA	IS	93.7	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C4-PFHpA	IS	91.1	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
18O2-PFHxS	IS	99.9	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C2-PFOA	IS	94.1	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C8-PFOS	IS	97.8	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C5-PFNA	IS	103	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C2-PFDA	IS	107	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
d3-MeFOSAA	IS	65.0	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C2-PFOxA	IS	83.6	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
d5-EtFOSAA	IS	77.1	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C2-PFOxA	IS	52.2	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1
13C2-PFTeDA	IS	53.1	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 17:40	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite5-GW-05W08-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-05	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 09:45	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	3.26	0.835	2.33	3.73	J	B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFHxA	1.02	1.02	2.33	3.73	J	B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFHpA	ND	0.276	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFHxS	2.72	0.442	2.33	3.73	J	B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFOA	1.58	0.304	2.33	3.73	J	B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFOS	ND	0.377	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFNA	ND	0.378	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFDA	ND	0.695	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
MeFOSAA	ND	0.770	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFUnA	ND	0.490	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
EtFOSAA	ND	0.639	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFDoA	ND	0.370	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFTrDA	ND	0.231	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
PFTeDA	ND	0.352	2.33	3.73		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	101	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C2-PFHxA	IS	98.5	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C4-PFHpA	IS	102	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
18O2-PFHxS	IS	75.6	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C2-PFOA	IS	80.5	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C8-PFOS	IS	102	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C5-PFNA	IS	86.4	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C2-PFDA	IS	92.2	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
d3-MeFOSAA	IS	74.5	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C2-PFUnA	IS	80.6	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
d5-EtFOSAA	IS	69.6	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C2-PFDoA	IS	48.6	50 - 150	H	B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1
13C2-PFTeDA	IS	50.8	50 - 150		B8A0115	22-Jan-18	0.268 L	30-Jan-18 01:11	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite5-GW-05W01-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-06	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 10:25	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	4.67	0.810	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFHxA	7.59	0.987	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFHpA	6.41	0.268	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFHxS	3.06	0.429	2.26	3.62	J	B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFOA	11.0	0.295	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFOS	ND	0.365	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFNA	ND	0.367	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFDA	ND	0.675	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
MeFOSAA	ND	0.747	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFUnA	ND	0.475	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
EtFOSAA	ND	0.620	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFDoA	ND	0.359	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFTrDA	ND	0.224	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
PFTeDA	ND	0.342	2.26	3.62		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	104	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C2-PFHxA	IS	96.7	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C4-PFHpA	IS	100	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
18O2-PFHxS	IS	94.3	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C2-PFOA	IS	92.0	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C8-PFOS	IS	73.3	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C5-PFNA	IS	95.3	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C2-PFDA	IS	70.3	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
d3-MeFOSAA	IS	75.4	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C2-PFUnA	IS	89.6	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
d5-EtFOSAA	IS	86.3	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C2-PFDoA	IS	69.0	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1
13C2-PFTeDA	IS	85.8	50 - 150		B8A0115	22-Jan-18	0.276 L	30-Jan-18 17:51	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite5-GW-05W03-20180115

Modified EPA Method 537

Client Data					Laboratory Data					
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-07	Column:	BEH C18			
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 11:05	Date Received:	17-Jan-18 09:33					

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	2.75	0.888	2.48	3.97	J	B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFHxA	10.7	1.08	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFHpA	5.42	0.293	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFHxS	3.24	0.470	2.48	3.97	J	B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFOA	9.97	0.323	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFOS	ND	0.400	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFNA	ND	0.402	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFDA	ND	0.739	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
MeFOSAA	ND	0.819	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFOxA	ND	0.521	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
EtFOSAA	ND	0.680	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFOxA	ND	0.393	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFTeDA	ND	0.245	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
PFTeDA	ND	0.375	2.48	3.97		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	115	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C2-PFHxA	IS	105	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C4-PFHpA	IS	107	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
18O2-PFHxS	IS	113	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C2-PFOA	IS	90.4	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C8-PFOS	IS	89.0	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C5-PFNA	IS	83.5	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C2-PFDA	IS	113	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
d3-MeFOSAA	IS	82.4	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C2-PFOxA	IS	84.8	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
d5-EtFOSAA	IS	97.0	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C2-PFOxA	IS	98.8	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1
13C2-PFTeDA	IS	87.7	50 - 150		B8A0115	22-Jan-18	0.252 L	30-Jan-18 18:03	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: UXOSite14-GW-DPW79A-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-08	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 12:00	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.904	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFHxA	ND	1.10	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFHpA	ND	0.299	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFHxS	ND	0.478	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFOA	ND	0.329	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFOS	ND	0.408	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFNA	ND	0.409	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFDA	ND	0.753	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
MeFOSAA	ND	0.834	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFOxA	ND	0.530	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
EtFOSAA	ND	0.692	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFOxA	ND	0.400	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFTeDA	ND	0.250	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
PFTeDA	ND	0.381	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	105	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C2-PFHxA	IS	96.1	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C4-PFHpA	IS	89.9	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
18O2-PFHxS	IS	111	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C2-PFOA	IS	84.8	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C8-PFOS	IS	105	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C5-PFNA	IS	101	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C2-PFDA	IS	83.7	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
d3-MeFOSAA	IS	68.9	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C2-PFOxA	IS	75.6	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
d5-EtFOSAA	IS	78.0	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C2-PFOxA	IS	58.1	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1
13C2-PFTeDA	IS	54.6	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 18:14	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: UXOSite14-GW-DPW78A-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-09	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 13:30	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.845	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFHxA	ND	1.03	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFHpA	ND	0.279	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFHxS	ND	0.447	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFOA	0.708	0.307	2.36	3.78	J	B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFOS	ND	0.381	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFNA	ND	0.382	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFDA	ND	0.704	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
MeFOSAA	ND	0.779	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFOxA	ND	0.496	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
EtFOSAA	ND	0.647	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFDxA	ND	0.374	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFTDA	ND	0.233	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
PFTeDA	ND	0.357	2.36	3.78		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	121	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C2-PFHxA	IS	121	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C4-PFHpA	IS	104	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
18O2-PFHxS	IS	101	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C2-PFOA	IS	97.4	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C8-PFOS	IS	86.5	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C5-PFNA	IS	91.6	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C2-PFDA	IS	62.5	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
d3-MeFOSAA	IS	72.9	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C2-PFOxA	IS	76.0	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
d5-EtFOSAA	IS	65.5	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C2-PFDxA	IS	72.5	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1
13C2-PFTeDA	IS	51.2	50 - 150		B8A0115	22-Jan-18	0.265 L	30-Jan-18 18:26	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: UXOSite14-GW-DPW77A-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-10	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 14:00	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.852	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFHxA	ND	1.04	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFHpA	ND	0.281	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFHxS	ND	0.451	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFOA	0.352	0.310	2.38	3.81	J	B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFOS	ND	0.384	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFNA	ND	0.385	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFDA	ND	0.709	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
MeFOSAA	ND	0.785	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFOxA	ND	0.500	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
EtFOSAA	ND	0.652	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFOxA	ND	0.377	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFTDA	ND	0.235	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
PFTeDA	ND	0.359	2.38	3.81		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	109	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C2-PFHxA	IS	95.1	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C4-PFHpA	IS	96.5	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
18O2-PFHxS	IS	122	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C2-PFOA	IS	94.7	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C8-PFOS	IS	93.9	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C5-PFNA	IS	91.1	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C2-PFDA	IS	97.7	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
d3-MeFOSAA	IS	79.0	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C2-PFOxA	IS	90.3	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
d5-EtFOSAA	IS	73.0	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C2-PFDoA	IS	76.2	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1
13C2-PFTeDA	IS	64.8	50 - 150		B8A0115	22-Jan-18	0.263 L	30-Jan-18 18:37	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite1-GW-01W48A -20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-11	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 15:00	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	6.81	0.866	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFHxA	20.5	1.05	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFHpA	13.6	0.286	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFHxS	15.5	0.458	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFOA	36.5	0.315	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFOS	1.09	0.390	2.42	3.87	J	B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFNA	ND	0.392	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFDA	ND	0.721	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
MeFOSAA	ND	0.798	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFUnA	ND	0.508	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
EtFOSAA	ND	0.663	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFDoA	ND	0.383	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFTrDA	ND	0.239	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
PFTeDA	ND	0.365	2.42	3.87		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	103	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C2-PFHxA	IS	94.4	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C4-PFHpA	IS	88.3	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
18O2-PFHxS	IS	96.3	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C2-PFOA	IS	76.8	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C8-PFOS	IS	107	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C5-PFNA	IS	93.0	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C2-PFDA	IS	83.7	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
d3-MeFOSAA	IS	69.1	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C2-PFUnA	IS	63.9	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
d5-EtFOSAA	IS	76.9	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C2-PFDoA	IS	56.3	50 - 150		B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1
13C2-PFTeDA	IS	49.6	50 - 150	H	B8A0115	22-Jan-18	0.258 L	30-Jan-18 19:23	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite1-GW-01W48A -20180115 **Modified EPA Method 537**

Name: KMEA	Lab Sample: B8A0115-MS1/B8A0115-MSD1	Source Lab Sample: 1800121-11
Project: BRAC PFAS, Mare Island, Vallejo, CA-TO 0008	QC Batch: B8A0115	Date Extracted: 22-Jan-18
Matrix: Aqueous	Samp Size: 0.257/0.250 L	Column: BEH C18

Analyte	Sample (ng/L)	MS (ng/L)	MS Spike Amt	MS % Rec	MS Quals	MSD (ng/L)	MSD Spike Amt	MSD % Rec	RPD	MSD Quals	%Rec Limits	RPD Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
PFBS	6.81	44.2	39.0	95.8		47.5	39.9	102	6.27		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFHxA	20.5	64.4	39.0	113		67.9	39.9	119	5.17		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFHpA	13.6	51.5	39.0	97.1		54.6	39.9	103	5.90		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFHxS	15.5	68.2	39.0	135	H	63.7	39.9	121	10.9		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFOA	36.5	67.7	39.0	79.8		70.1	39.9	84.2	5.37		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFOS	1.09	42.0	39.0	105		37.4	39.9	91.0	14.3		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFNA	ND	38.3	39.0	98.2		38.8	39.9	97.2	1.02		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFDA	ND	35.9	39.0	92.0		35.2	39.9	88.2	4.22		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
MeFOSAA	ND	37.2	39.0	95.5		46.3	39.9	116	19.4		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFUnA	ND	36.8	39.0	94.5		31.0	39.9	77.7	19.5		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
EtFOSAA	ND	43.5	39.0	112		35.8	39.9	89.8	22.0		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFDoA	ND	56.5	39.0	145	H	46.8	39.9	117	21.4		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFTTrDA	ND	39.8	39.0	102		39.7	39.9	99.6	2.38		60-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1
PFTeDA	ND	38.4	39.0	98.5		40.8	39.9	102	3.49		70-130	30	30-Jan-18 17:05	1	30-Jan-18 17:17	1

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C3-PFBS	IS	113		107		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C2-PFHxA	IS	92.7		96.9		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C4-PFHpA	IS	108		103		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
18O2-PFHxS	IS	96.7		90.5		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C2-PFOA	IS	97.1		99.7		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C8-PFOS	IS	75.5		92.4		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C5-PFNA	IS	84.9		99.2		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C2-PFDA	IS	89.9		97.7		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
d3-MeFOSAA	IS	79.0		62.7		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C2-PFUnA	IS	100		81.0		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
d5-EtFOSAA	IS	82.5		79.7		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C2-PFDoA	IS	72.9		63.7		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1
13C2-PFTeDA	IS	78.2		71.1		50-150	30-Jan-18 17:05	1	30-Jan-18 17:17	1

Sample ID: IRSite1-GW-01W49A- 20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-12	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 15:45	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.854	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFHxA	ND	1.04	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFHpA	ND	0.282	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFHxS	ND	0.452	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFOA	ND	0.310	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFOS	ND	0.385	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFNA	ND	0.386	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFDA	ND	0.710	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
MeFOSAA	ND	0.787	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFOxA	ND	0.501	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
EtFOSAA	ND	0.653	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFOxA	ND	0.378	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFOxA	ND	0.236	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
PFOxA	ND	0.360	2.39	3.81		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	93.4	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C2-PFHxA	IS	97.9	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C4-PFHpA	IS	81.9	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
18O2-PFHxS	IS	109	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C2-PFOA	IS	92.1	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C8-PFOS	IS	92.2	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C5-PFNA	IS	103	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C2-PFDA	IS	80.5	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
d3-MeFOSAA	IS	83.6	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C2-PFOxA	IS	82.4	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
d5-EtFOSAA	IS	94.4	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C2-PFOxA	IS	62.5	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1
13C2-PFOxA	IS	76.0	50 - 150		B8A0115	22-Jan-18	0.262 L	30-Jan-18 19:35	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: IRSite1-GW-01W13A- 20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-13	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 16:40	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	38.9	0.904	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFHxA	135	1.10	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFHpA	89.1	0.299	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFHxS	102	0.478	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFOA	113	0.329	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFOS	11.6	0.408	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFNA	0.801	0.409	2.53	4.04	J	B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFDA	ND	0.753	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
MeFOSAA	ND	0.834	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFOA	ND	0.531	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
EtFOSAA	ND	0.692	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFDaA	ND	0.400	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFTDA	ND	0.250	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
PFTeDA	ND	0.381	2.53	4.04		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	96.5	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C2-PFHxA	IS	90.9	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C4-PFHpA	IS	94.9	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
18O2-PFHxS	IS	88.5	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C2-PFOA	IS	80.9	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C8-PFOS	IS	89.8	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C5-PFNA	IS	86.3	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C2-PFDA	IS	71.7	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
d3-MeFOSAA	IS	57.1	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C2-PFOA	IS	62.4	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
d5-EtFOSAA	IS	66.1	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C2-PFDaA	IS	63.1	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1
13C2-PFTeDA	IS	54.6	50 - 150		B8A0115	22-Jan-18	0.247 L	30-Jan-18 19:46	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

Sample ID: DUP01-20180115

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	1800121-14	Column:	BEH C18
Project:	BRAC PFAS,Mare Island, Vallejo, CA-TO 0008	Date Collected:	15-Jan-18 16:45	Date Received:	17-Jan-18 09:33		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	42.4	0.842	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFHxA	127	1.03	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFHpA	82.6	0.278	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFHxS	95.5	0.445	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFOA	105	0.306	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFOS	11.1	0.380	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFNA	ND	0.381	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFDA	ND	0.701	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
MeFOSAA	ND	0.776	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFUnA	ND	0.494	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
EtFOSAA	ND	0.644	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFDoA	ND	0.372	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFTrDA	ND	0.232	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
PFTeDA	ND	0.355	2.35	3.76		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	106	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C2-PFHxA	IS	101	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C4-PFHpA	IS	101	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
18O2-PFHxS	IS	98.8	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C2-PFOA	IS	101	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C8-PFOS	IS	85.4	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C5-PFNA	IS	114	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C2-PFDA	IS	79.8	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
d3-MeFOSAA	IS	62.8	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C2-PFUnA	IS	93.4	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
d5-EtFOSAA	IS	69.3	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C2-PFDoA	IS	70.8	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1
13C2-PFTeDA	IS	56.3	50 - 150		B8A0115	22-Jan-18	0.266 L	30-Jan-18 19:58	1

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

When reported, PFHxS, PFOA and PFOS 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.
D	Dilution
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.
M	Estimated Maximum Possible Concentration. (CA Region 2 projects only)
*	See Cover Letter
Conc.	Concentration
NA	Not applicable
ND	Not Detected
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)

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	17-015-0
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	2016026
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	4042-008
Pennsylvania Department of Environmental Protection	014
Texas Commission on Environmental Quality	T104704189-17-8
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.

1800121
 1.7°C

LABORATORY CLIENT: AMEC Foster Wheeler E & I, Inc.				CLIENT PROJECT NAME / NUMBER: BRAC PFAS, Mare Island, Vallejo, CA - TO 0008				P.O. NO.: KMEA PO 658															
ADDRESS: 9210 Sky Park Court				PROJECT CONTACT: Corey Guerrant/Marie Bevier				CONTRACT NO.: N62473-16-D-2405															
CITY: San Diego, CA 92123				SAMPLER(S): (SIGNATURE) <i>Ulf Ruitz</i>				LAB USE ONLY <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>															
TEL: 503.639.3400		E-Mail corey.guerrant@woodplc.com		E-MAIL marie.bevier@amecfw.com																			
TURNAROUND TIME <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> 10 DAYS						REQUESTED ANALYSIS																	
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWQCB REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL ___/___/___																							
SPECIAL INSTRUCTIONS FRB samples are only to be analyzed if associated field samples exhibit detection at or above LOQ.																							
LAB USE ONLY	SAMPLE ID	SAMPLING		Matrix	#Cont	QC Level	PFOA, PFOS, and PFBS (U.S. EPA 537 Mod.) GW	PFOA, PFOS, and PFBS (U.S. EPA 537) DW Supply															
		DATE	TIME																				
	S B01 - 20180115	1/15/18	8:00	BW	3		X																
	E B01 - 20180115		7:00		3		X																
	IR Site 5 - GW - 05W07 - 20180115		8:40	GW	3	IV	X																
	IR Site 5 - GW - 05W06 - 20180115		9:20		3		X																
	IR Site 5 - GW - 05W08 - 20180115		9:45		3		X																
	IR Site 5 - GW - 05W01 - 20180115		10:25		3		X																
	IR Site 5 - GW - 05W03 - 20180115		11:05		3		X																
	UXO Site 14 - GW - DPW 79A - 20180115		12:00		3		X																
	UXO Site 14 - GW - DPW 78A - 20180115		13:30		3		X																
	UXO Site 14 - GW - DPW 77A - 20180115		14:00		3		X																
Relinquished by: (Signature) <i>Ulf Ruitz</i>				Received by: (Signature) / Carrier Tracking Number FedEx				Date: 1/16/18		Time: 14:00													
Relinquished by: (Signature)				Received by: (Signature) <i>[Signature]</i>				Date: 1/17/18		Time: 0954													
Relinquished by: (Signature)				Received by: (Signature)				Date:		Time:													

LABORATORY CLIENT: AMEC Foster Wheeler E & I, Inc.				CLIENT PROJECT NAME / NUMBER: BRAC PFAS, Mare Island, Vallejo, CA - TO 0008				P.O. NO.: KMEA PO 658																																													
ADDRESS: 9210 Sky Park Court				PROJECT CONTACT: Corey Guerrant/Marie Bevier				CONTRACT NO.: N62473-16-D-2405																																													
CITY: San Diego, CA 92123				SAMPLER(S): (SIGNATURE) <i>Corey Guerrant</i>				LAB USE ONLY <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																																													
TEL: 503.639.3400		E-Mail <i>corey.guerrant@woodplc.com</i>		E-MAIL <i>marie.bevier@amecfw.com</i>																																																	
TURNAROUND TIME <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> 10 DAYS						REQUESTED ANALYSIS																																															
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWQCB REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL ___/___/___						<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">QC Level</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">PFOA, PFOS, and PFBS (U.S. EPA 537 Mod.) GW</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">PFOA, PFOS, and PFBS (U.S. EPA 537) DW Supply</th> <th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th> </tr> <tr> <td></td><td style="text-align: center;">X</td><td></td><td style="text-align: center;">MS</td><td style="text-align: center;">/</td><td style="text-align: center;">MS</td><td style="text-align: center;">0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>						QC Level	PFOA, PFOS, and PFBS (U.S. EPA 537 Mod.) GW	PFOA, PFOS, and PFBS (U.S. EPA 537) DW Supply																				X		MS	/	MS	0														
QC Level	PFOA, PFOS, and PFBS (U.S. EPA 537 Mod.) GW	PFOA, PFOS, and PFBS (U.S. EPA 537) DW Supply																																																			
	X		MS	/	MS	0																																															
SPECIAL INSTRUCTIONS FRB samples are only to be analyzed if associated field samples exhibit detection at or above LOQ.																																																					
LAB USE ONLY	SAMPLE ID	SAMPLING		Matrix	#Cont																																																
		DATE	TIME																																																		
	IRS:tel-GW-01W48A-20180115	1/15/18	15:00	GW	9																																																
	IRStk1-GW-01W49A-20180115	↓	15:45	↓	3																																																
	IRStk1-GW-01W13A-20180115	↓	16:40	↓	3																																																
	DUPO1-20180115	↓	16:45	↓	3																																																
<i>MA 1/16/18</i>																																																					
Relinquished by: (Signature) <i>Corey Guerrant</i>						Received by: (Signature) / Carrier Tracking Number FedEx						Date: 1/16/18		Time: 14:00																																							
Relinquished by: (Signature)						Received by: (Signature) <i>[Signature]</i>						Date: 1/17/18		Time: 0954																																							
Relinquished by: (Signature)						Received by: (Signature)						Date:		Time:																																							

Sample Log-in Checklist

 Vista Work Order #: 1800121 TAT 3rd

Samples Arrival:	Date/Time 11/17/18 0933	Initials: IA	Location: WR-2 Shelf/Rack: U/A				
Logged In:	Date/Time 01/18/18 1350	Initials: JAB	Location: WR-2 Shelf/Rack: E3				
Delivered By:	<input checked="" type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> On Trac	<input type="checkbox"/> GSO	<input type="checkbox"/> DHL	<input type="checkbox"/> Hand Delivered	<input type="checkbox"/> Other
Preservation:	<input checked="" type="checkbox"/> Ice	<input type="checkbox"/> Blue Ice	<input type="checkbox"/> Dry Ice	<input type="checkbox"/> None			
Temp °C: 1.8 (uncorrected)	Time: 0959	Thermometer ID: IR-4					
Temp °C: 1.7 (corrected)	Probe used: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>						

	YES	NO	NA			
Adequate Sample Volume Received?	<input checked="" type="checkbox"/>					
Holding Time Acceptable?	<input checked="" type="checkbox"/>					
Shipping Container(s) Intact?	<input checked="" type="checkbox"/>					
Shipping Custody Seals Intact?	<input checked="" type="checkbox"/>					
Shipping Documentation Present?	<input checked="" type="checkbox"/>					
Airbill <u>lot 2</u> Trk # <u>8106 8554 0508</u>	<input checked="" type="checkbox"/>					
Sample Container Intact?	<input checked="" type="checkbox"/>					
Sample Custody Seals Intact?			<input checked="" type="checkbox"/>			
Chain of Custody / Sample Documentation Present?	<input checked="" type="checkbox"/>					
COC Anomaly/Sample Acceptance Form completed?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			<input checked="" type="checkbox"/>			
Preservation Documented:	<input type="checkbox"/> Na ₂ S ₂ O ₃	<input type="checkbox"/> Trizma	<input checked="" type="checkbox"/> None	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
Shipping Container	<input checked="" type="checkbox"/> Vista	<input type="checkbox"/> Client	<input checked="" type="checkbox"/> Retain	<input type="checkbox"/> Return	<input type="checkbox"/> Dispose	

Comments:

EXTRACTION INFORMATION

Process Sheet
Workorder: 1800121

Prep Expiration: 2018-Jan-29
 Client: KMEA

Workorder Due: 07-Feb-18 00:00
 TAT: 21

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

Prep Batch: B8 A0115

Version: 537 (14 Analyte)
 DoD: DoD QSM 5.1

Prep Data Entered: 1.23.18 FR
Date and Initials

Initial Sequence: SOA0087

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
1800121-01	"A"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SB01-20180115		WR-2 E-3	HDPE Bottle, 250 mL
1800121-02		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EB01-20180115		WR-2 E-3	HDPE Bottle, 250 mL
1800121-03		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IRSite5-GW-05W07-20180115		WR-2 E-3	HDPE Bottle, 250 mL
1800121-04		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IRSite5-GW-05W06-20180115		WR-2 E-3	HDPE Bottle, 250 mL
1800121-05		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IRSite5-GW-05W08-20180115		WR-2 E-3	HDPE Bottle, 250 mL
1800121-06		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IRSite5-GW-05W01-20180115		WR-2 E-3	HDPE Bottle, 250 mL
1800121-07		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IRSite5-GW-05W03-20180115		WR-2 E-3	HDPE Bottle, 250 mL
1800121-08		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UXOSite14-GW-DPW79A-20180115		WR-2 E-3	HDPE Bottle, 250 mL
1800121-09		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UXOSite14-GW-DPW78A-20180115		WR-2 E-3	HDPE Bottle, 250 mL
1800121-10		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UXOSite14-GW-DPW77A-20180115		WR-2 E-3	HDPE Bottle, 250 mL
1800121-11	"ABC"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IRSite1-GW-01W48A -20180115	MS/MSD	WR-2 E-3	HDPE Bottle, 250 mL
1800121-12	"A"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IRSite1-GW-01W49A- 20180115		WR-2 E-3	HDPE Bottle, 250 mL
1800121-13		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IRSite1-GW-01W13A- 20180115		WR-2 E-3	HDPE Bottle, 250 mL
1800121-14		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DUP01-20180115		WR-2 E-3	HDPE Bottle, 250 mL

1:10 dilution on extracts on samples that are foamy etc
 1-22-18

Pre-Prep Check Out: HP 1/22/18

Prep Check Out: NA

Prep Reconciled Initials/Date: HB 1/22/18

Pre-Prep Check In: NA

Prep Check In: NA

Spike Reconciled Initials/Date: MA 1/22/18

VialBoxID: C. ten-da

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M PFAS DOD (LOQ as mRL)

B8A0115

Chemist: HL

Prep Date/Time: 22-Jan-18 07:57

1246
HL

Prepared using: LCMS - SPE Extraction-LCMS

		Date/Initials: <u>HB 1/22/18</u>				BalanceID: <u>HRMS-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"/>	B8A0115-BLK1	5	2	0	3	NA	NA	(0.250)	HL MA 1-22-18	HL 1-22-18	HL 7R 1-22-18
<input type="checkbox"/>	B8A0115-BS1	5	2	0	3	↓	↓	(0.250)			
<input checked="" type="checkbox"/>	B8A0115-MS1 (A) 1800121-11	7	2	0	15	294.52	27.79	0.25673 ✓			
<input checked="" type="checkbox"/>	B8A0115-MSD1 (A) 1800121-11	7	2	0	17	278.35	27.93	0.25042 ✓			
<input type="checkbox"/>	1800121-01	4	2	0	4	307.40	27.05	0.28035 ✓			
<input type="checkbox"/>	1800121-02	4	2	0	3	278.30	27.64	0.25066 ✓			
<input type="checkbox"/>	1800121-03	7	2	0	4	301.11	27.80	0.27331 ✓			
<input type="checkbox"/>	1800121-04 (B)	5	2	0	7	289.73	27.20	0.26253 ✓			
<input checked="" type="checkbox"/>	1800121-05	5	2	0	3	295.79	27.96	0.26783 ✓			
<input checked="" type="checkbox"/>	1800121-06	6	2	0	10	303.36	27.28	0.27608 ✓			
<input checked="" type="checkbox"/>	1800121-07 (A)(C)	6	2	0	10	279.87	27.91	0.25196 ✓			
<input checked="" type="checkbox"/>	1800121-08 (A)	6	2	0	13	275.20	27.77	0.24743 ✓			
<input checked="" type="checkbox"/>	1800121-09 (C)	7	2	0	13	292.82	28.11	0.26471 ✓			
<input checked="" type="checkbox"/>	1800121-10 (A)(C)	7	2	0	10	290.58	27.91	0.26267 ✓			
<input checked="" type="checkbox"/>	1800121-11 (A)	7	2	0	17	286.15	27.73	0.25842 ✓			
<input checked="" type="checkbox"/>	1800121-12 (A)	7	2	0	13	290.07	27.93	0.26214 ✓			

IS: 17L2601, 10ul (V6)
 IS SUP: NA
 NS: 17L2103, 10ul (V3)
 RS: 17L2332, 10ul (V6)

SPE Chem: Strata X-AW 33um 200mg/6ml
 Ele SOLV: 0.5% NH₄OH in MeOH/H₂O
 Final Volume(s): 1ml

Notes: (A) samples were foamy prior to centrifuging. HB 1/22/18
 (B) sample was foamy. HB 1/22/18 (C) bottle was colored after centrifuging; particulate stuck to the sides. HB 1/22/18

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M PFAS DOD (LOQ as mRL)

B8A0115

Chemist: HC

Prep Date/Time: 22-Jan-18 07:57

Prepared using: LCMS - SPE Extraction-LCMS

1246
HC

Cen	VISTA Sample ID	Date/Initials: <u>HB 1/22/18</u>				Balance ID: <u>HRC-8</u>			Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE	RS CHEM/WIT DATE
		pH Before	pH After	Chlorine (Cl)	Drops HCl Added	Bottle + Sample (g)	Bottle Only (g)					
<input checked="" type="checkbox"/>	1800121-13 <u>HB 1/22/18</u> (A)	5	2	0	4	274.57	27.18	0.24739 0.24739 <u>HC</u>	MA 1-22-18	<u>HC</u>	1-22-18	<u>HC</u> <u>HC</u> 1-22-18
<input checked="" type="checkbox"/>	1800121-14 (C) (A)	7	2	0	3	293.66	27.88	0.26578 <u>HC</u>	<u>HC</u>	<u>HC</u>	<u>HC</u>	<u>HC</u>
<input type="checkbox"/>	1800132-14	5	2	0	2	148.14	27.35	0.12081 <u>HC</u>	<u>HC</u>	<u>HC</u>	<u>HC</u>	<u>HC</u>

IS: 17L2601, 10µL (V6)

IS SUP: NA

NS: 17L2103, 10µL (V3)

RS: 17L2332, 10µL (V6)

SPE Chem: Stata X-AW 33µm 200mg/mL

Ele SOLV: 0.5% v/v H₂O in MeOH/MeOH

Final Volume(s) 1 mL

Notes: (A) samples were foamy prior to centrifuging. HB 1/22/18

Comments: Assume 1 g = 1 mL

Cen = Centrifuged

Work Order 1800121

Batch: B8A0115

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
1800121-01	0.28035 ✓	NA	NA	1000	22-Jan-18 12:46	HAC			Blank Water	537M PFAS DOD (LOQ as
1800121-02	0.25066 ✓			1000	22-Jan-18 12:46	HAC			Blank Water	537M PFAS DOD (LOQ as
1800121-03	0.27331 ✓			1000	22-Jan-18 12:46	HAC			Groundwater	537M PFAS DOD (LOQ as
1800121-04	0.26253 ✓			1000	22-Jan-18 12:46	HAC			Groundwater	537M PFAS DOD (LOQ as
1800121-05	0.26783 ✓			1000	22-Jan-18 12:46	HAC			Groundwater	537M PFAS DOD (LOQ as
1800121-06	0.27608 ✓			1000	22-Jan-18 12:46	HAC			Groundwater	537M PFAS DOD (LOQ as
1800121-07	0.25196 ✓			1000	22-Jan-18 12:46	HAC			Groundwater	537M PFAS DOD (LOQ as
1800121-08	0.24743 ✓			1000	22-Jan-18 12:46	HAC			Groundwater	537M PFAS DOD (LOQ as
1800121-09	0.26471 ✓			1000	22-Jan-18 12:46	HAC			Groundwater	537M PFAS DOD (LOQ as
1800121-10	0.26267 ✓			1000	22-Jan-18 12:46	HAC			Groundwater	537M PFAS DOD (LOQ as
1800121-11	0.25842 ✓			1000	22-Jan-18 12:46	HAC			Groundwater	537M PFAS DOD (LOQ as
1800121-12	0.26214 ✓			1000	22-Jan-18 12:46	HAC			Groundwater	537M PFAS DOD (LOQ as
1800121-13	0.24739 ✓			1000	22-Jan-18 12:46	HAC			Groundwater	537M PFAS DOD (LOQ as
1800121-14	0.26578 ✓			1000	22-Jan-18 12:46	HAC			Groundwater	537M PFAS DOD (LOQ as
1800132-14	0.12081 ✓			1000	22-Jan-18 12:46	HAC			QC Water	537M PFAS DOD (LOQ as
B8A0115-BLK1	0.25 ✓			1000	22-Jan-18 12:46	HAC				QC
B8A0115-BS1	0.25 ✓			1000	22-Jan-18 12:46	HAC	17L2103 ✓	10 ✓		QC
B8A0115-MS1	0.25673 ✓			1000	22-Jan-18 12:46	HAC	17L2103 ✓	10 ✓		QC
B8A0115-MSD1	0.25042 ✓			1000	22-Jan-18 12:46	HAC	17L2103 ✓	10 ✓		QC

7R 1-23-18

SAMPLE DATA – MODIFIED EPA METHOD 537

Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-72.qld

Last Altered: Monday, February 05, 2018 11:05:20 Pacific Standard Time

Printed: Monday, February 05, 2018 11:06:10 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 01 Feb 2018 14:12:19

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Name: 180129M1_72, Date: 29-Jan-2018, Time: 23:51:05, ID: B8A0115-BLK1 Method Blank 0.25, Description: Method Blank

	#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3	PFBS	299.0 > 79.7		9.81e2	0.250		2.56				
2	4	PFHxA	313.2 > 268.9		2.54e3	0.250		3.05				
3	5	PFHpA	363.0 > 318.9		6.40e3	0.250		3.68				
4	6	L-PFHxS	398.9 > 79.6	2.71e0	8.05e2	0.250		3.80	3.88	0.0420	0.1811	
5	9	L-PFOA	413 > 368.7		9.05e3	0.250		4.20				
6	12	PFNA	463.0 > 418.8		9.00e3	0.250		4.65				
7	14	L-PFOS	499 > 79.9		2.01e3	0.250		4.75				
8	16	PFDA	513 > 468.8		6.97e3	0.250		5.03				
9	18	N-MeFOSAA	570.1 > 419		3.01e3	0.250		5.20				
10	19	N-EtFOSAA	584.2 > 419		3.16e3	0.250		5.30				
11	20	PFUdA	563.0 > 518.9		7.21e3	0.250		5.36				
12	22	PFDoA	612.9 > 569.0		5.01e3	0.250		5.65				

Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-72.qld

Last Altered: Monday, February 05, 2018 11:05:20 Pacific Standard Time

Printed: Monday, February 05, 2018 11:06:21 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 01 Feb 2018 14:12:19

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Name: 180129M1_72, Date: 29-Jan-2018, Time: 23:51:05, ID: B8A0115-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	24	PFTrDA	662.9 > 618.9	5.01e3	0.250		5.90					
2	25	PFTeDA	712.9 > 668.8	2.43e3	0.250		6.12					
3	33	13C3-PFBS	302. > 98.8	9.81e2	8.79e3	0.250	0.106	2.56	2.62	1.40	52.8654	105.7
4	34	13C2-PFHxA	315 > 269.8	2.54e3	8.79e3	0.250	0.705	3.05	3.11	3.62	20.5452	102.7
5	35	13C4-PFHpA	367.2 > 321.8	6.40e3	8.79e3	0.250	0.688	3.68	3.73	9.11	53.0016	106.0
6	36	18O2-PFHxS	403.0 > 102.6	8.05e2	2.34e3	0.250	0.348	3.80	3.88	4.30	49.3820	98.8
7	37	13C2-6:2 FTS	429.1 > 408.9	2.24e3	9.57e3	0.250	0.238	4.15	4.18	2.92	49.1135	98.2
8	38	13C2-PFOA	414.9 > 369.7	9.05e3	9.57e3	0.250	1.190	4.20	4.24	11.8	39.7385	79.5
9	39	13C5-PFNA	468.2 > 422.9	9.00e3	9.53e3	0.250	0.999	4.65	4.67	11.8	47.2642	94.5
10	40	13C8-PFOSA	506.1 > 77.7	9.73e2	1.01e4	0.250	0.211	4.70	4.74	1.20	22.7840	45.6
11	41	13C8-PFOS	507.0 > 79.9	2.01e3	2.07e3	0.250	0.957	4.75	4.75	12.2	50.9785	102.0
12	42	13C2-PFDA	515.1 > 469.9	6.97e3	7.13e3	0.250	0.965	5.03	5.04	12.2	50.6551	101.3
13	43	13C2-8:2 FTS	529.1 > 508.7	1.53e3	8.79e3	0.250	0.162	5.00	5.01	2.18	53.7601	107.5
14	44	d3-N-MeFOSAA	573.3 > 419	3.01e3	1.01e4	0.250	0.398	5.20	5.18	3.72	37.3935	74.8
15	45	d5-N-EtFOSAA	589.3 > 419	3.16e3	1.01e4	0.250	0.435	5.30	5.34	3.91	35.9681	71.9
16	46	13C2-PFUdA	565 > 519.8	7.21e3	1.01e4	0.250	1.057	5.36	5.36	8.92	33.7706	67.5
17	47	13C2-PFDoA	615.0 > 569.7	5.01e3	1.01e4	0.250	0.851	5.65	5.63	6.19	29.1100	58.2
18	49	13C2-PFTeDA	714.8 > 669.6	2.43e3	1.01e4	0.250	0.403	6.12	6.09	3.01	29.8598	59.7
19	55	13C5-PFHxA	318 > 272.9	8.79e3	8.79e3	0.250	1.000	3.05	3.11	12.5	50.0000	100.0
20	56	13C3-PFHxS	401.9 > 79.9	2.34e3	2.34e3	0.250	1.000	3.80	3.87	12.5	50.0000	100.0
21	57	13C8-PFOA	421.3 > 376	9.57e3	9.57e3	0.250	1.000	4.20	4.24	12.5	50.0000	100.0
22	58	13C9-PFNA	472.2 > 426.9	9.53e3	9.53e3	0.250	1.000	4.65	4.67	12.5	50.0000	100.0
23	59	13C4-PFOS	503 > 79.9	2.07e3	2.07e3	0.250	1.000	4.60	4.75	12.5	50.0000	100.0
24	60	13C6-PFDA	519.1 > 473.7	7.13e3	7.13e3	0.250	1.000	5.03	5.04	12.5	50.0000	100.0
25	61	13C7-PFUdA	570.1 > 524.8	1.01e4	1.01e4	0.250	1.000	5.36	5.36	12.5	50.0000	100.0
26	62	Total PFHxS	398.9 > 79.6	2.71e0	8.05e2	0.250		3.70		0.0420	0.1811	
27	63	Total PFOA	413 > 368.7	0.00e0	9.05e3	0.250		4.19		0.000		
28	64	Total PFOS	499 > 79.9	0.00e0	2.01e3	0.250		4.70		0.000		
29	65	Total N-MeFOSAA	570.1 > 419	0.00e0	3.01e3	0.250		5.20		0.000		
30	66	Total N-EtFOSAA	584.2 > 419	0.00e0	3.16e3	0.250		5.30		0.000		

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Last Altered: Monday, February 05, 2018 11:05:20 Pacific Standard Time

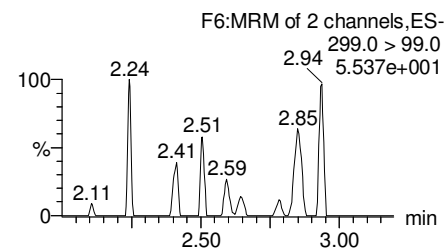
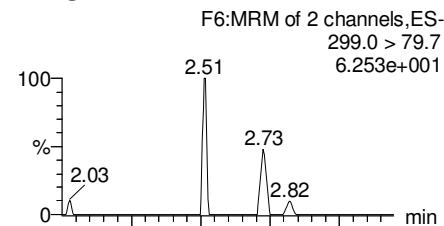
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Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 01 Feb 2018 14:12:19

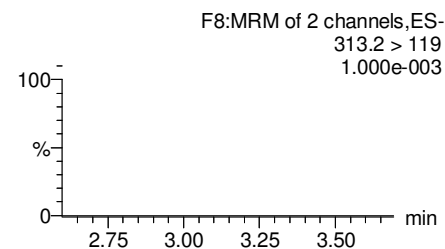
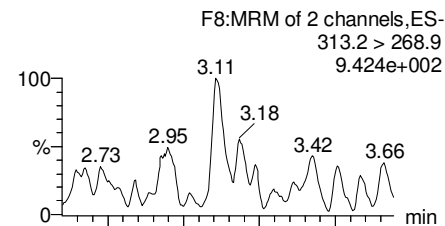
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Name: 180129M1_72, Date: 29-Jan-2018, Time: 23:51:05, ID: B8A0115-BLK1 Method Blank 0.25, Description: Method Blank

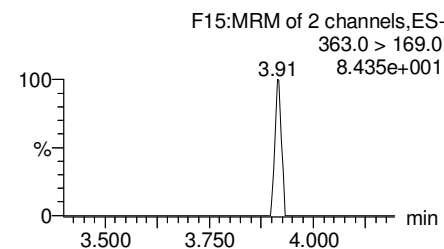
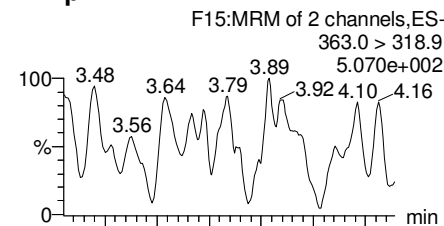
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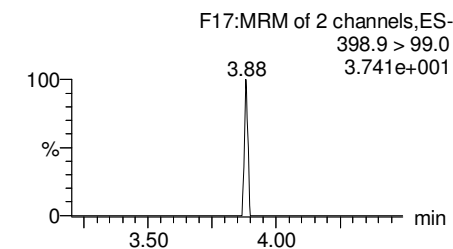
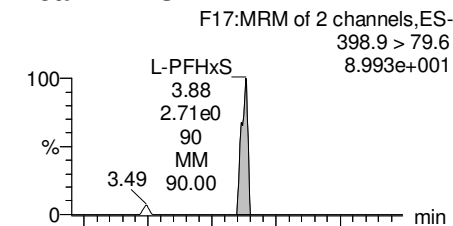
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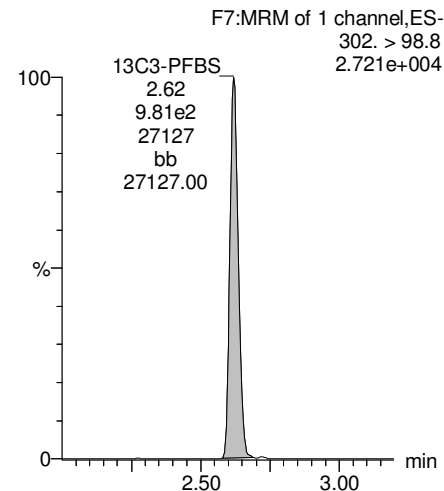
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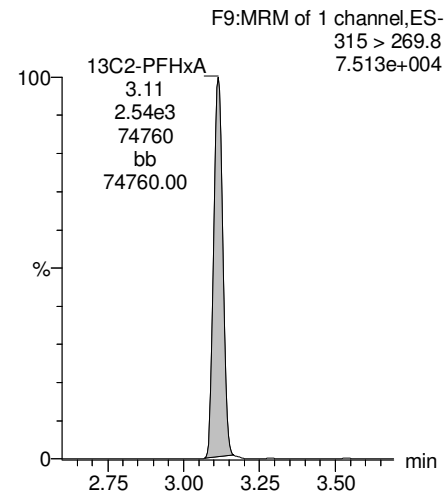
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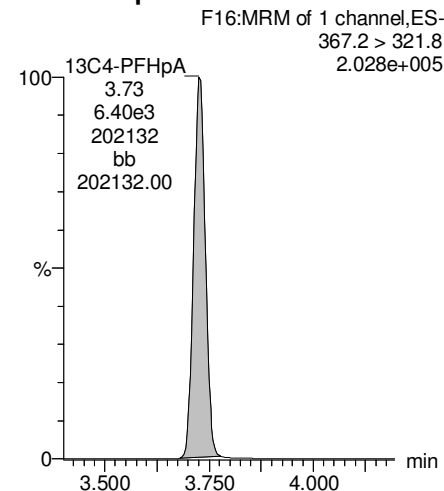
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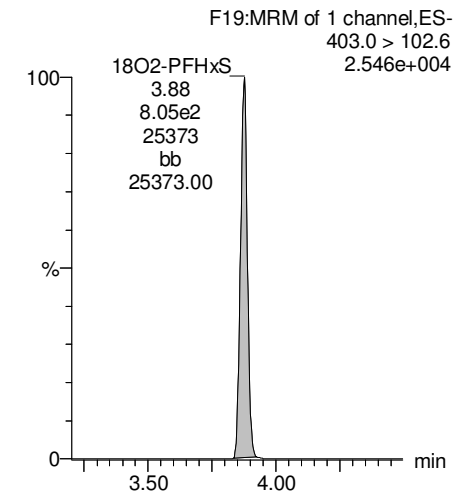
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



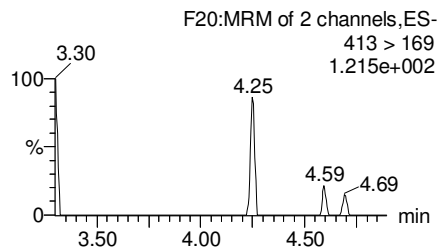
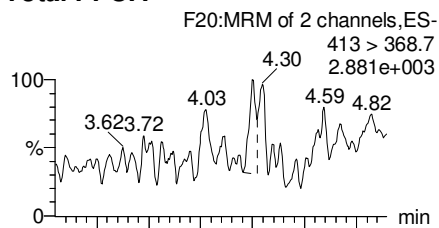
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Last Altered: Monday, February 05, 2018 11:05:20 Pacific Standard Time

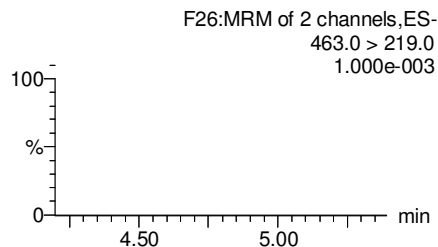
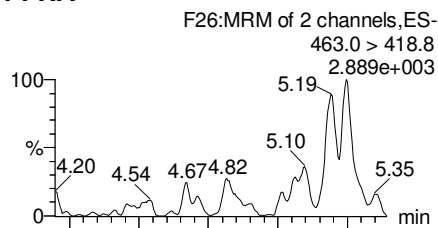
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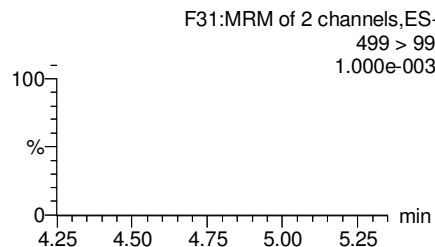
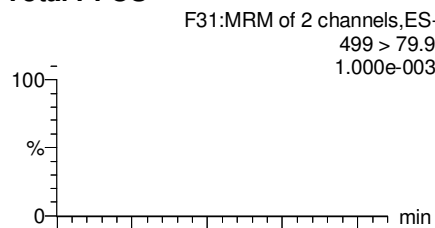
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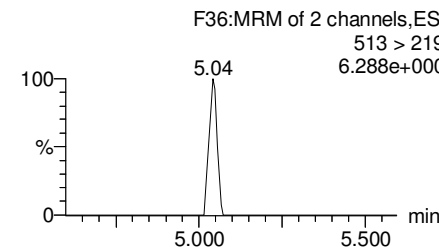
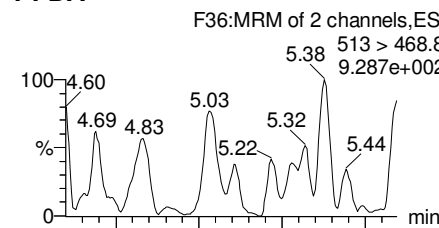
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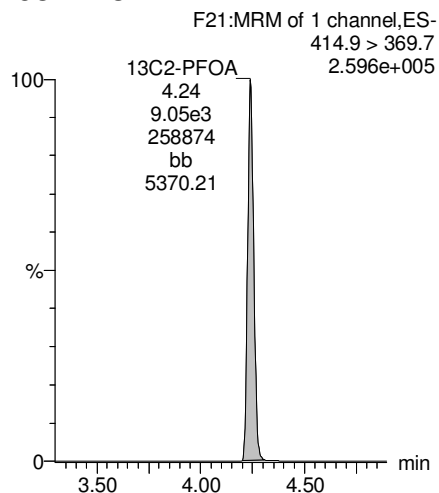
Total PFOS



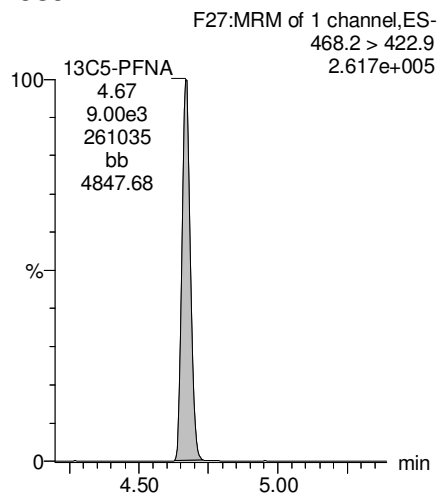
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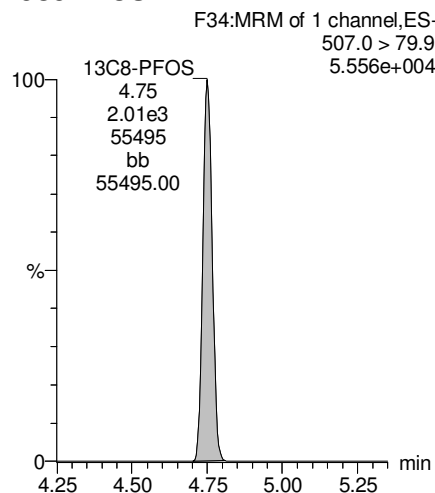
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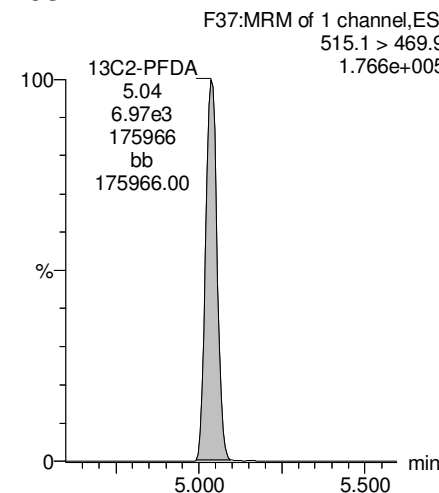
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13C8-PFOS



13C2-PFDA



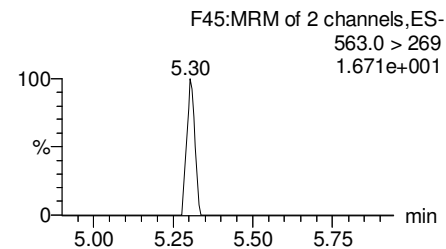
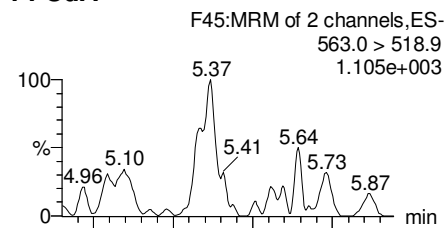
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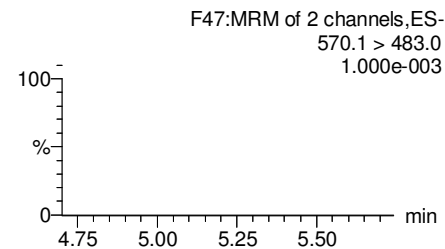
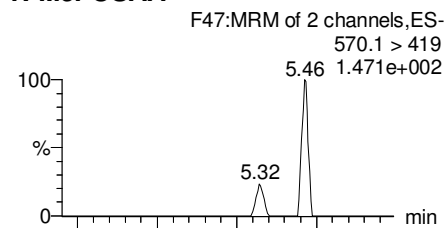
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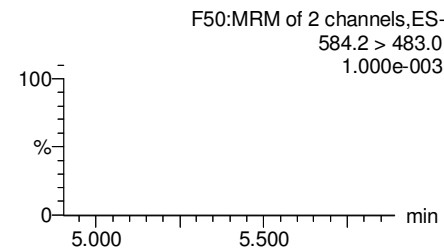
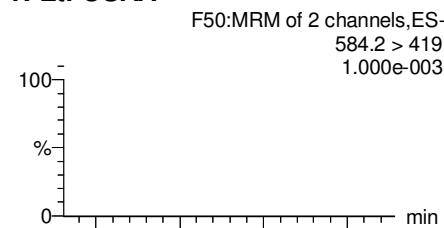
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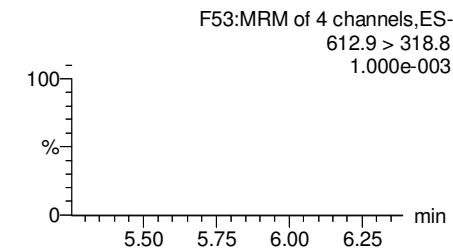
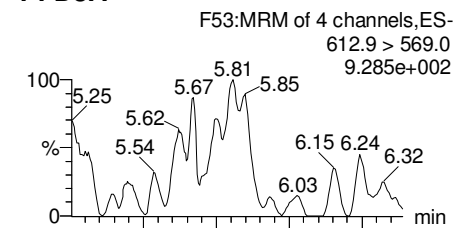
N-MeFOSAA



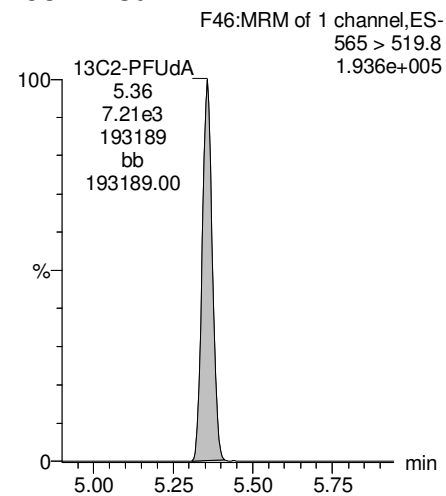
N-EtFOSAA



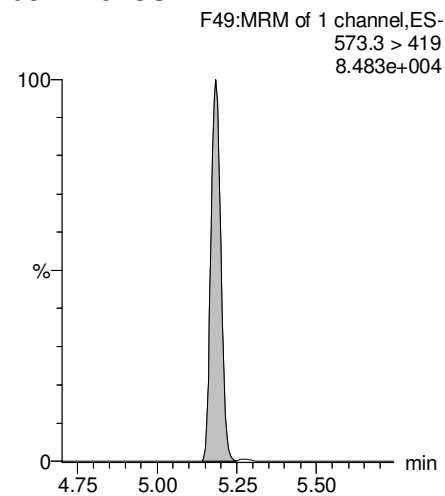
PFDaA



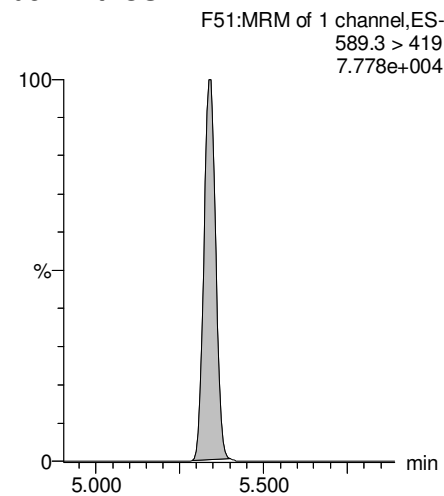
13C2-PFUdA



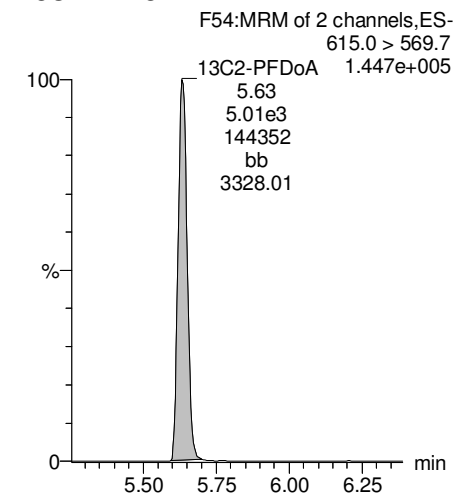
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



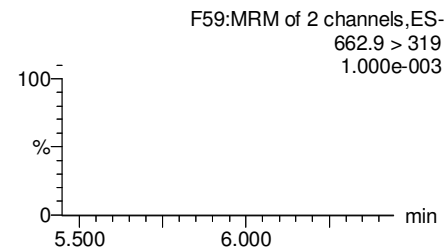
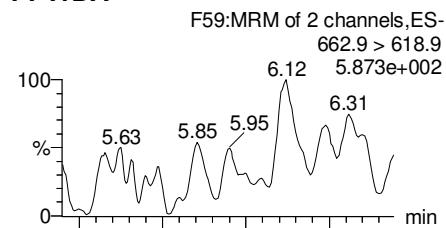
Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-72.qld

Last Altered: Monday, February 05, 2018 11:05:20 Pacific Standard Time

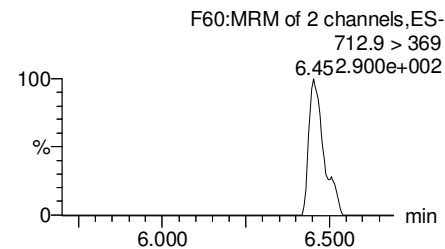
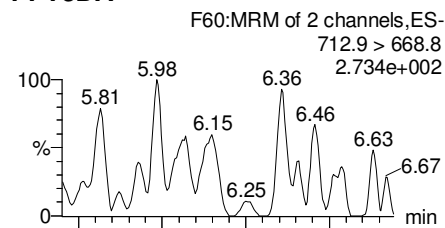
Printed: Monday, February 05, 2018 11:06:21 Pacific Standard Time

Name: 180129M1_72, Date: 29-Jan-2018, Time: 23:51:05, ID: B8A0115-BLK1 Method Blank 0.25, Description: Method Blank

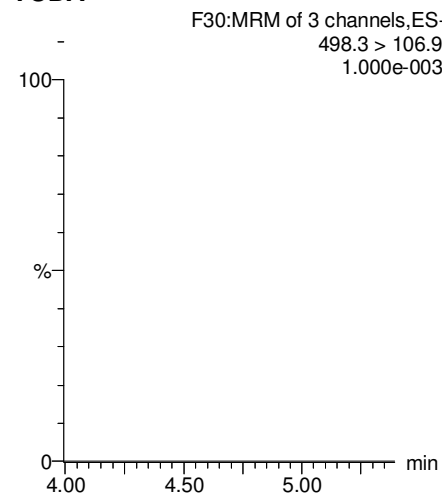
PFTrDA



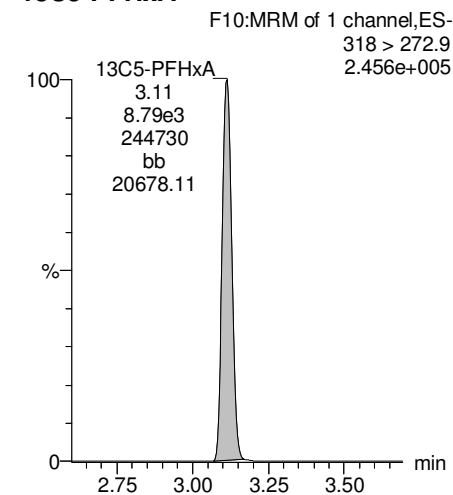
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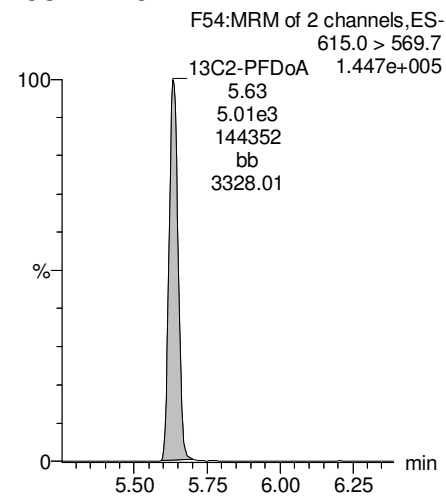
TCDA



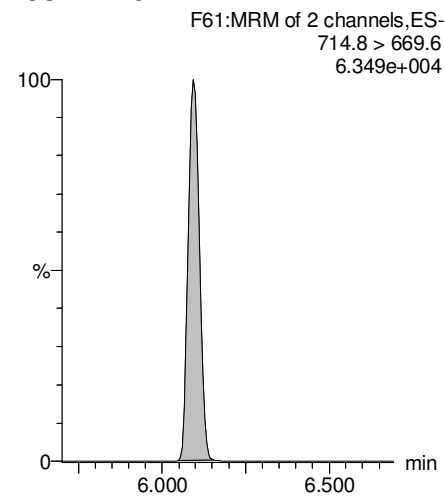
13C5-PFHxA



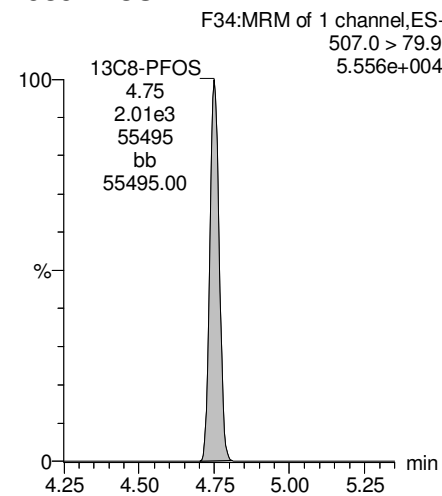
13C2-PFDoA



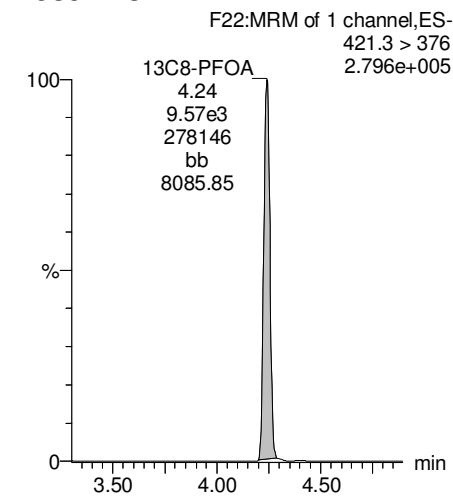
13C2-PFTeDA



13C8-PFOS



13C8-PFOA



Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-72.qld

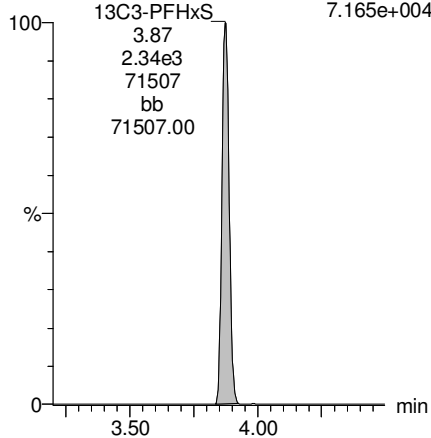
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Printed: Monday, February 05, 2018 11:06:21 Pacific Standard Time

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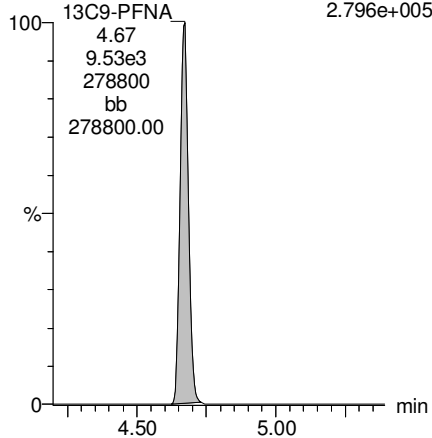
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
7.165e+004



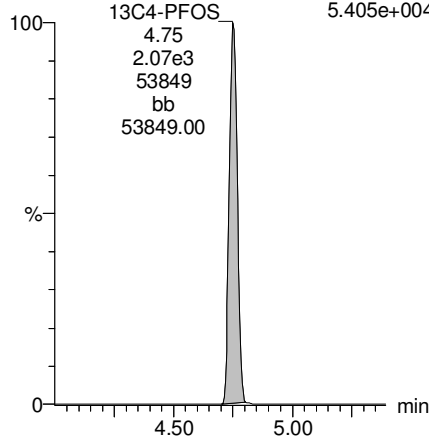
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
2.796e+005



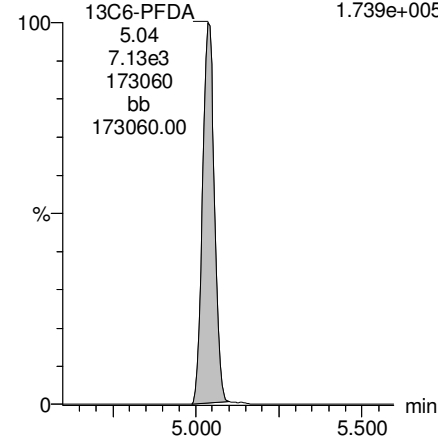
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
5.405e+004



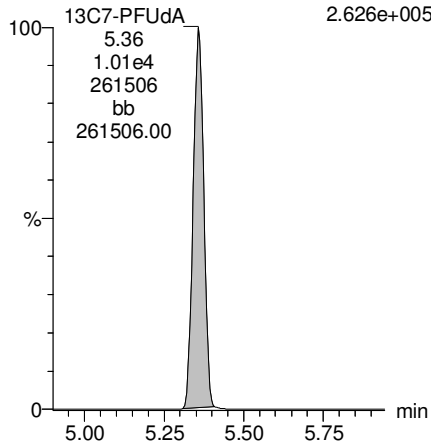
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
1.739e+005



13C7-PFudA

F48:MRM of 1 channel,ES-
570.1 > 524.8
2.626e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-71.qld

Last Altered: Monday, February 05, 2018 10:57:04 Pacific Standard Time

Printed: Monday, February 05, 2018 10:58:17 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 01 Feb 2018 14:12:19

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Name: 180129M1_71, Date: 29-Jan-2018, Time: 23:39:38, ID: B8A0115-BS1 OPR 0.25, Description: OPR

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7	1.52e3	1.07e3	0.250		2.56	2.62	17.7	38.3845	96.0
2	4 PFHxA	313.2 > 268.9	8.06e3	2.38e3	0.250		3.05	3.11	16.9	45.2329	113.1
3	5 PFHpA	363.0 > 318.9	7.23e3	6.71e3	0.250		3.68	3.73	13.5	43.0442	107.6
4	6 L-PFHxS	398.9 > 79.6	1.13e3	6.81e2	0.250		3.80	3.87	20.8	46.7043	116.8
5	9 L-PFOA	413 > 368.7	8.94e3	1.12e4	0.250		4.20	4.24	9.99	40.2321	100.6
6	12 PFNA	463.0 > 418.8	7.89e3	8.58e3	0.250		4.65	4.67	11.5	34.6563	86.6
7	14 L-PFOS	499 > 79.9	1.88e3	2.38e3	0.250		4.75	4.75	9.88	38.7995	97.0
8	16 PFDA	513 > 468.8	5.72e3	6.78e3	0.250		5.03	5.04	10.6	32.7047	81.8
9	18 N-MeFOSAA	570.1 > 419	3.16e3	2.57e3	0.250		5.20	5.18	15.4	48.8241	122.1
10	19 N-EtFOSAA	584.2 > 419	2.74e3	2.95e3	0.250		5.30	5.34	11.6	44.0903	110.2
11	20 PFUdA	563.0 > 518.9	7.79e3	6.78e3	0.250		5.36	5.36	14.4	63.5849	159.0
12	22 PFDoA	612.9 > 569.0	6.87e3	5.54e3	0.250		5.65	5.63	15.5	44.4260	111.1

Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-71.qld

Last Altered: Monday, February 05, 2018 10:57:04 Pacific Standard Time

Printed: Monday, February 05, 2018 11:01:13 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 01 Feb 2018 14:12:19

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Name: 180129M1_71, Date: 29-Jan-2018, Time: 23:39:38, ID: B8A0115-BS1 OPR 0.25, Description: OPR

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	24 PFTrDA	662.9 > 618.9	7.48e3	5.54e3	0.250		5.90	5.88	16.9	41.1113	102.8
2	25 PFTeDA	712.9 > 668.8	4.48e3	2.20e3	0.250		6.12	6.10	25.4	50.7585	126.9
3	33 13C3-PFBS	302. > 98.8	1.07e3	9.46e3	0.250	0.106	2.56	2.62	1.41	53.5266	107.1
4	34 13C2-PFHxA	315 > 269.8	2.38e3	9.46e3	0.250	0.705	3.05	3.11	3.14	17.8341	89.2
5	35 13C4-PFHpA	367.2 > 321.8	6.71e3	9.46e3	0.250	0.688	3.68	3.73	8.86	51.5687	103.1
6	36 18O2-PFHxS	403.0 > 102.6	6.81e2	2.26e3	0.250	0.348	3.80	3.87	3.76	43.1955	86.4
7	37 13C2-6:2 FTS	429.1 > 408.9	1.97e3	8.47e3	0.250	0.238	4.15	4.18	2.91	48.9030	97.8
8	38 13C2-PFOA	414.9 > 369.7	1.12e4	8.47e3	0.250	1.190	4.20	4.24	16.5	55.4735	110.9
9	39 13C5-PFNA	468.2 > 422.9	8.58e3	8.88e3	0.250	0.999	4.65	4.67	12.1	48.3866	96.8
10	40 13C8-PFOSA	506.1 > 77.7	1.03e3	8.75e3	0.250	0.211	4.70	4.74	1.48	27.9283	55.9
11	41 13C8-PFOS	507.0 > 79.9	2.38e3	2.34e3	0.250	0.957	4.75	4.75	12.7	53.2244	106.4
12	42 13C2-PFDA	515.1 > 469.9	6.78e3	8.14e3	0.250	0.965	5.03	5.04	10.4	43.1055	86.2
13	43 13C2-8:2 FTS	529.1 > 508.7	1.44e3	9.46e3	0.250	0.162	5.00	5.01	1.91	47.0956	94.2
14	44 d3-N-MeFOSAA	573.3 > 419	2.57e3	8.75e3	0.250	0.398	5.20	5.18	3.67	36.9110	73.8
15	45 d5-N-EtFOSAA	589.3 > 419	2.95e3	8.75e3	0.250	0.435	5.30	5.34	4.21	38.7186	77.4
16	46 13C2-PFUdA	565 > 519.8	6.78e3	8.75e3	0.250	1.057	5.36	5.36	9.69	36.6878	73.4
17	47 13C2-PFDoA	615.0 > 569.7	5.54e3	8.75e3	0.250	0.851	5.65	5.63	7.92	37.2354	74.5
18	49 13C2-PFTeDA	714.8 > 669.6	2.20e3	8.75e3	0.250	0.403	6.12	6.09	3.15	31.2664	62.5
19	55 13C5-PFHxA	318 > 272.9	9.46e3	9.46e3	0.250	1.000	3.05	3.11	12.5	50.0000	100.0
20	56 13C3-PFHxS	401.9 > 79.9	2.26e3	2.26e3	0.250	1.000	3.80	3.87	12.5	50.0000	100.0
21	57 13C8-PFOA	421.3 > 376	8.47e3	8.47e3	0.250	1.000	4.20	4.24	12.5	50.0000	100.0
22	58 13C9-PFNA	472.2 > 426.9	8.88e3	8.88e3	0.250	1.000	4.65	4.67	12.5	50.0000	100.0
23	59 13C4-PFOS	503 > 79.9	2.34e3	2.34e3	0.250	1.000	4.60	4.75	12.5	50.0000	100.0
24	60 13C6-PFDA	519.1 > 473.7	8.14e3	8.14e3	0.250	1.000	5.03	5.04	12.5	50.0000	100.0
25	61 13C7-PFUdA	570.1 > 524.8	8.75e3	8.75e3	0.250	1.000	5.36	5.36	12.5	50.0000	100.0
26	62 Total PFHxS	398.9 > 79.6	1.13e3	6.81e2	0.250		3.70		20.8	46.7043	
27	63 Total PFOA	413 > 368.7	8.94e3	1.12e4	0.250		4.19		9.99	40.2321	
28	64 Total PFOS	499 > 79.9	1.88e3	2.38e3	0.250		4.70		9.88	38.7995	
29	65 Total N-MeFOSAA	570.1 > 419	3.16e3	2.57e3	0.250		5.20		15.4	48.8241	
30	66 Total N-EtFOSAA	584.2 > 419	2.74e3	2.95e3	0.250		5.30		11.6	44.0903	

Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-71.qld

Last Altered: Monday, February 05, 2018 10:57:04 Pacific Standard Time

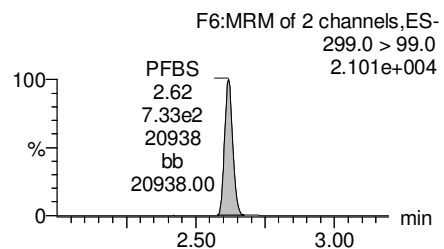
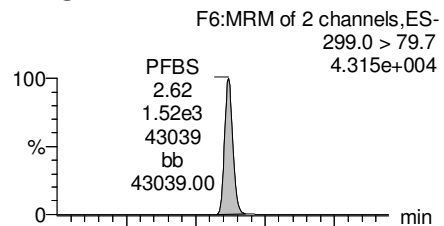
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Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 01 Feb 2018 14:12:19

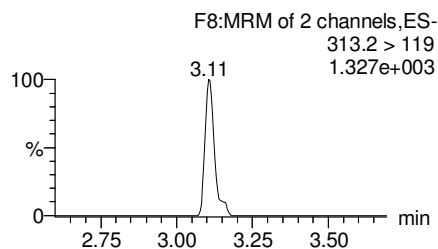
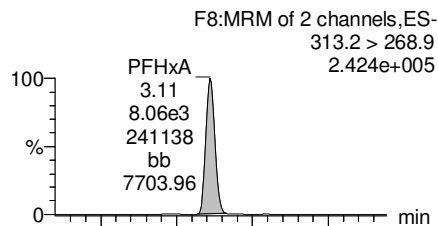
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Name: 180129M1_71, Date: 29-Jan-2018, Time: 23:39:38, ID: B8A0115-BS1 OPR 0.25, Description: OPR

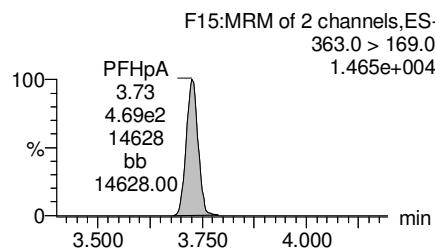
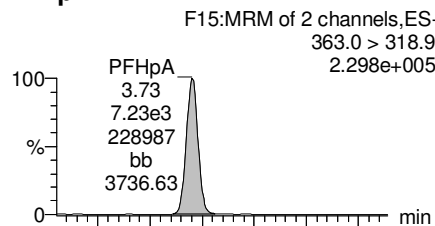
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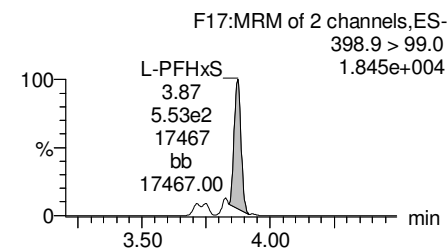
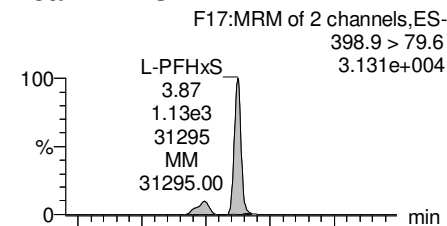
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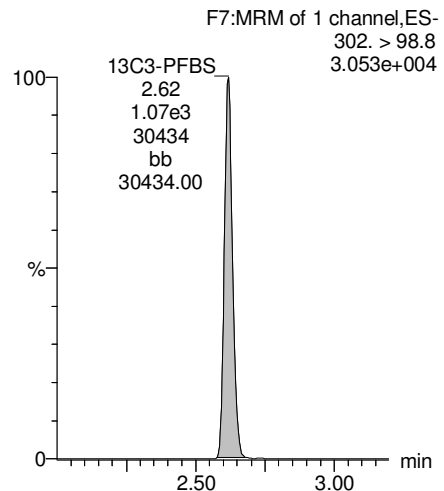
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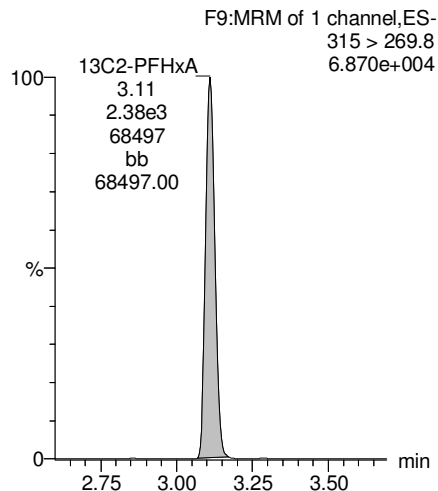
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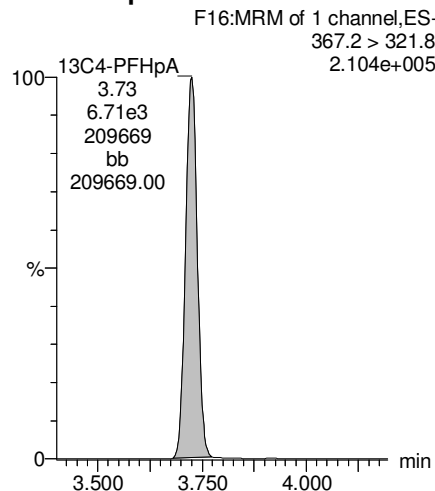
13C3-PFBS



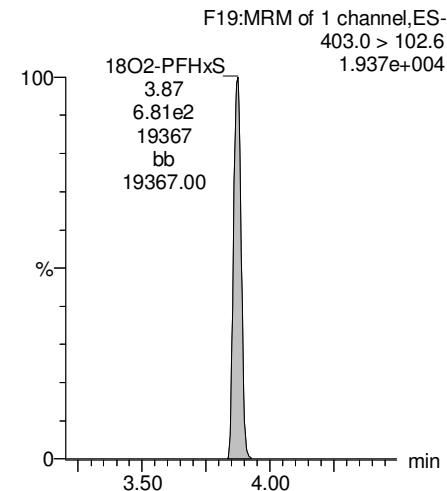
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



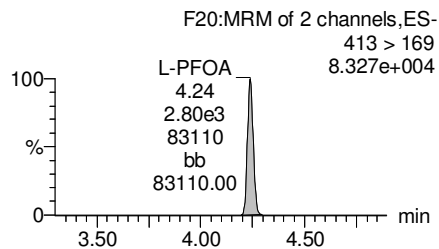
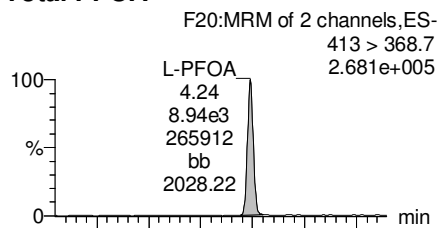
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Last Altered: Monday, February 05, 2018 10:57:04 Pacific Standard Time

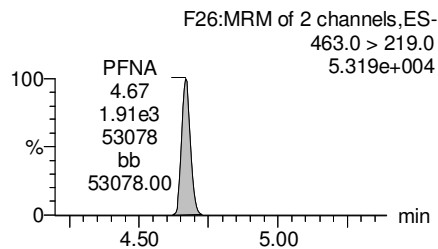
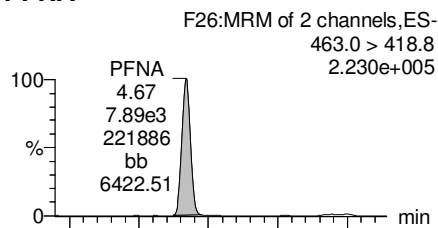
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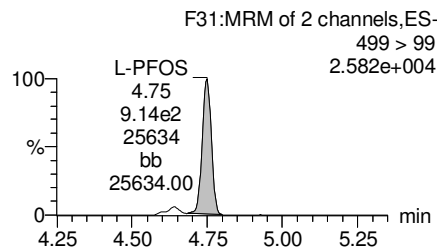
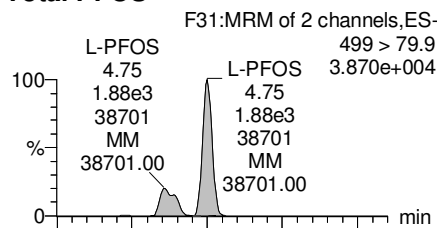
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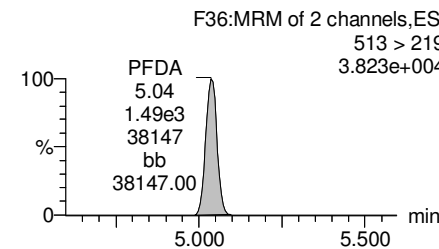
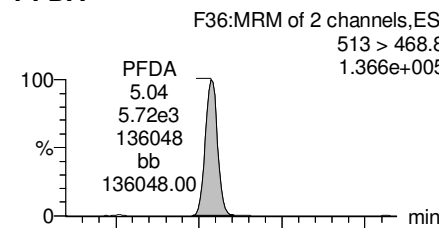
PFNA



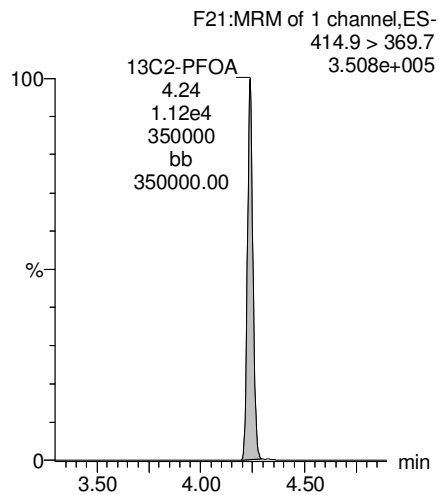
Total PFOS



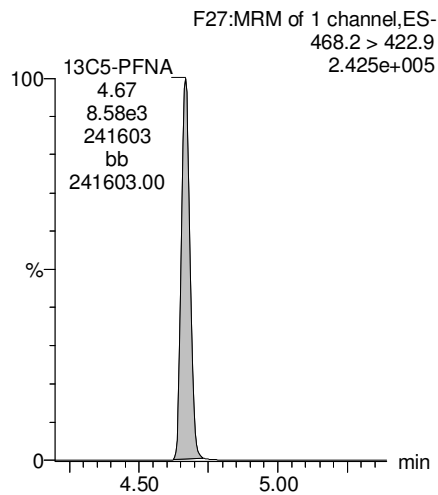
PFDA



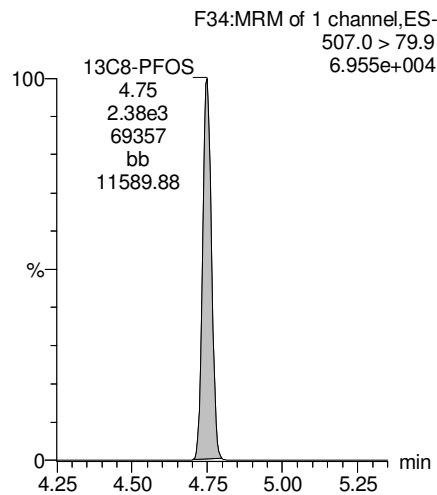
13C2-PFOA



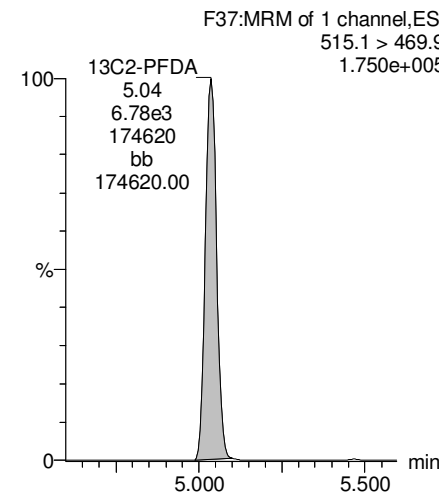
13C5-PFNA



13C8-PFOS



13C2-PFDA



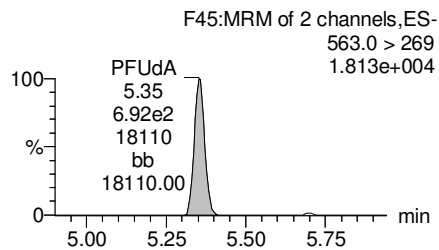
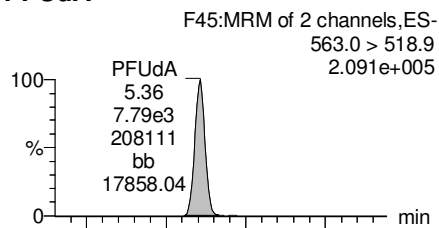
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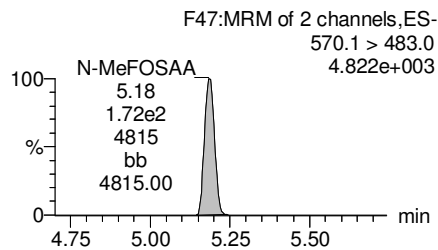
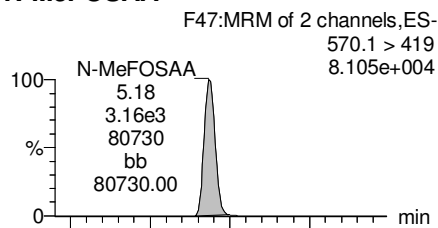
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Name: 180129M1_71, Date: 29-Jan-2018, Time: 23:39:38, ID: B8A0115-BS1 OPR 0.25, Description: OPR

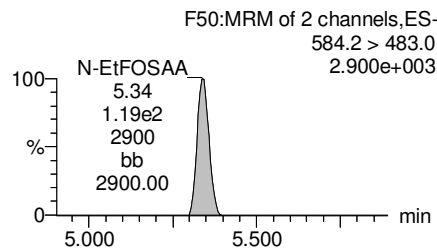
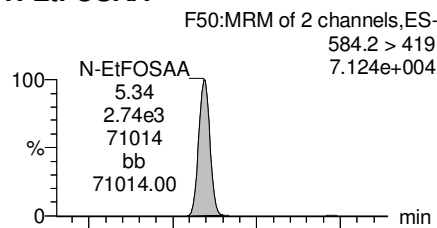
PFUdA



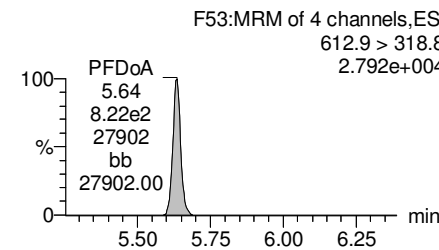
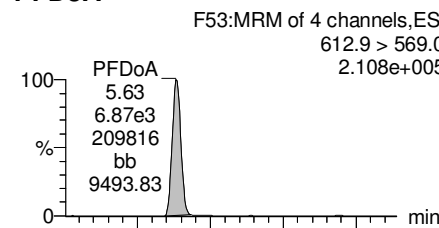
N-MeFOSAA



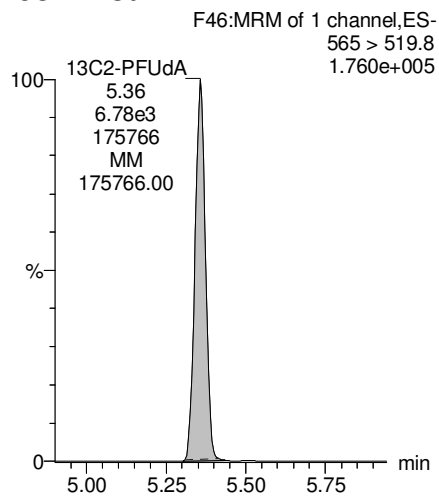
N-EtFOSAA



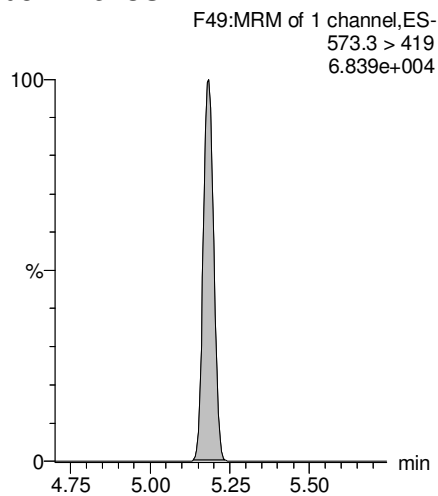
PFDoA



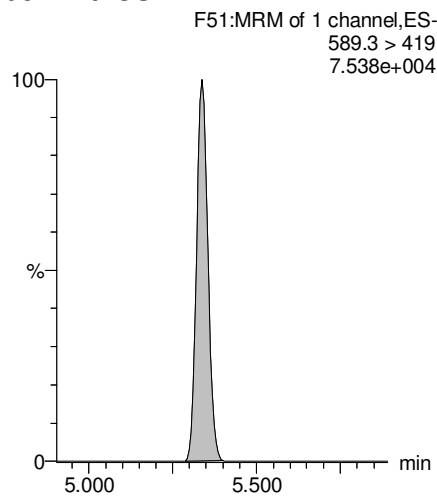
13C2-PFUdA



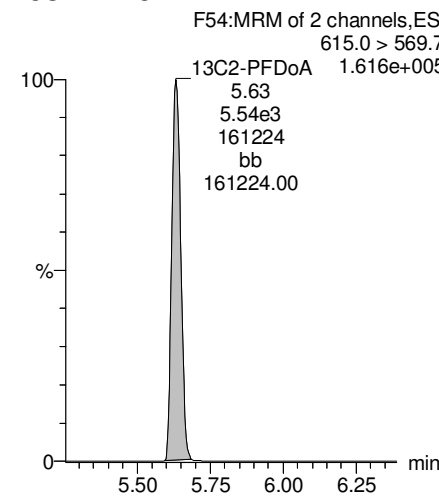
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDoA



Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-71.qld

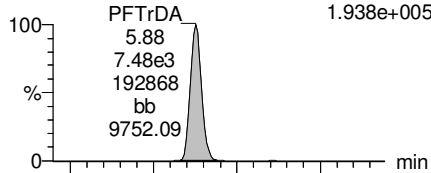
Last Altered: Monday, February 05, 2018 10:57:04 Pacific Standard Time

Printed: Monday, February 05, 2018 11:01:13 Pacific Standard Time

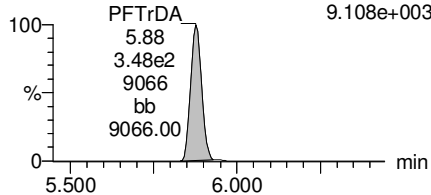
Name: 180129M1_71, Date: 29-Jan-2018, Time: 23:39:38, ID: B8A0115-BS1 OPR 0.25, Description: OPR

PFTTrDA

F59:MRM of 2 channels,ES-
662.9 > 618.9
1.938e+005

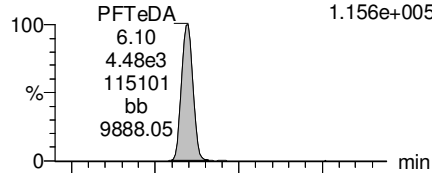


F59:MRM of 2 channels,ES-
662.9 > 319
9.108e+003

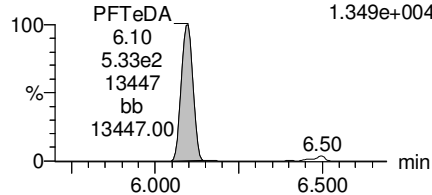


PFTeDA

F60:MRM of 2 channels,ES-
712.9 > 668.8
1.156e+005

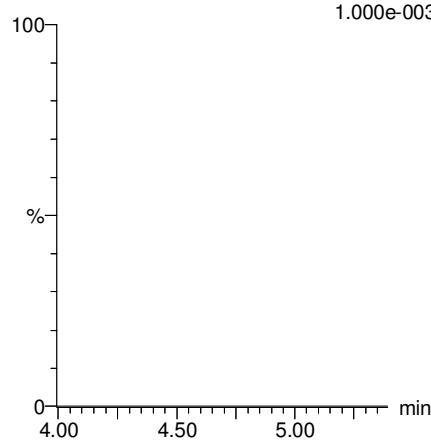


F60:MRM of 2 channels,ES-
712.9 > 369
1.349e+004



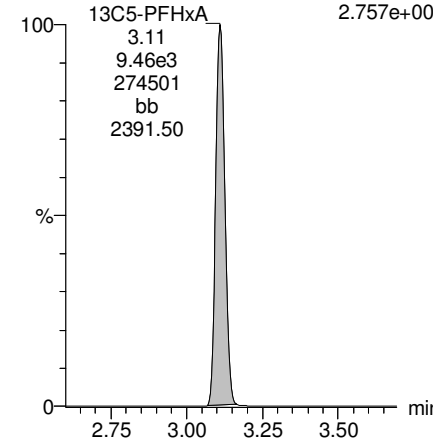
TCDA

F30:MRM of 3 channels,ES-
498.3 > 106.9
1.000e-003



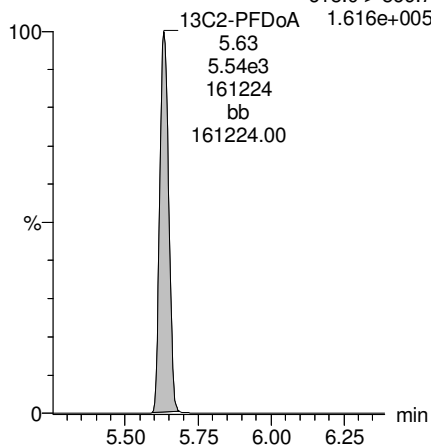
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
2.757e+005



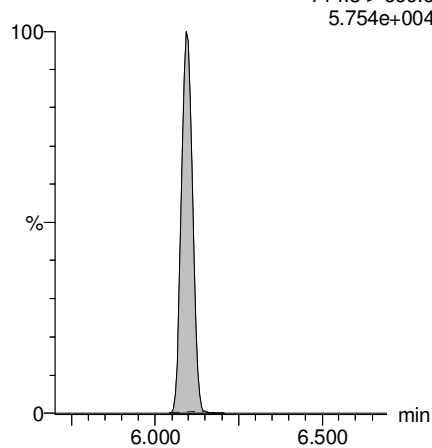
13C2-PFDoA

F54:MRM of 2 channels,ES-
615.0 > 569.7
1.616e+005



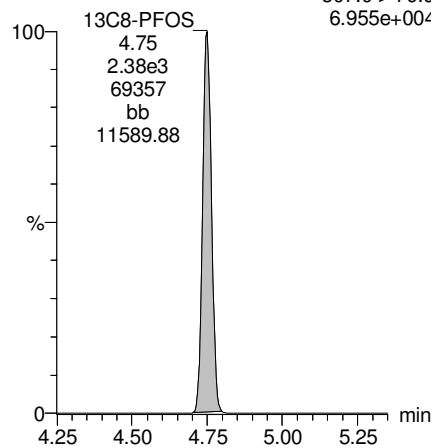
13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6
5.754e+004



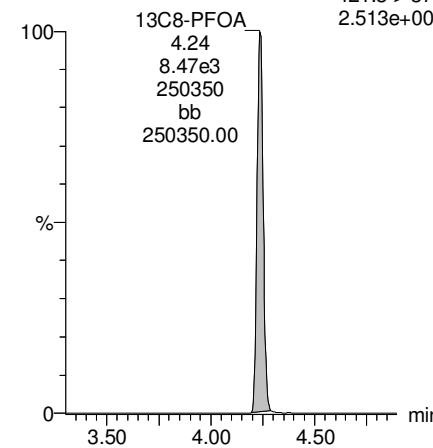
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9
6.955e+004



13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
2.513e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-71.qld

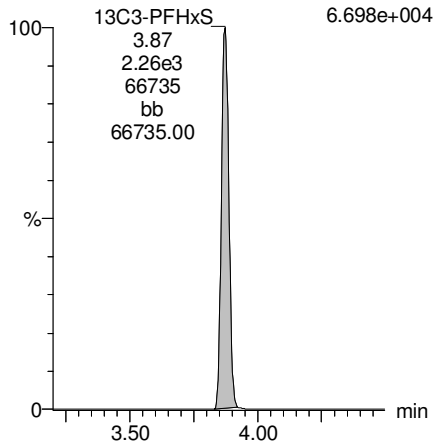
Last Altered: Monday, February 05, 2018 10:57:04 Pacific Standard Time

Printed: Monday, February 05, 2018 11:01:13 Pacific Standard Time

Name: 180129M1_71, Date: 29-Jan-2018, Time: 23:39:38, ID: B8A0115-BS1 OPR 0.25, Description: OPR

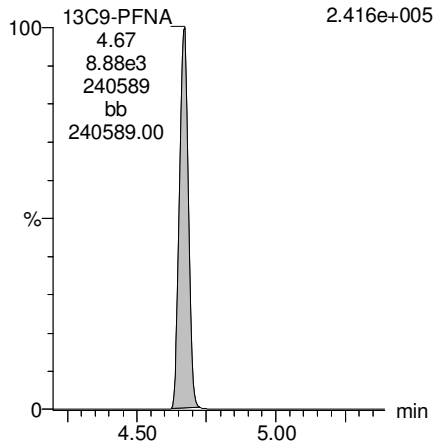
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
6.698e+004



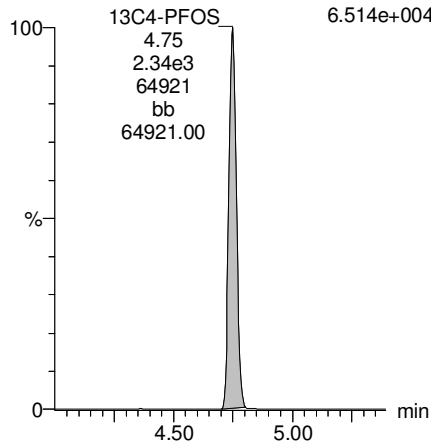
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
2.416e+005



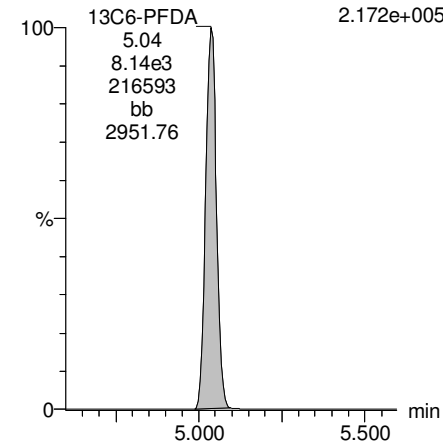
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
6.514e+004



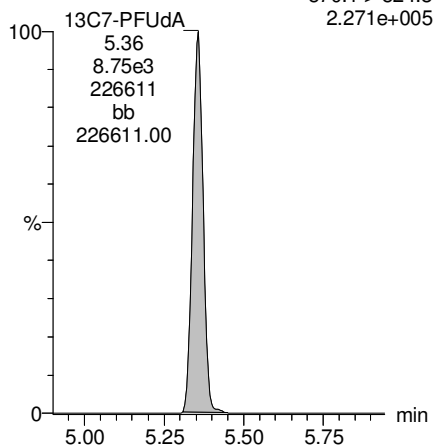
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
2.172e+005



13C7-PFUDa

F48:MRM of 1 channel,ES-
570.1 > 524.8
2.271e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-75.qld

Last Altered: Monday, February 05, 2018 11:09:42 Pacific Standard Time

Printed: Monday, February 05, 2018 11:12:46 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 01 Feb 2018 14:12:19

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Name: 180129M1_75, Date: 30-Jan-2018, Time: 00:25:28, ID: 1800121-01 SB01-20180115 0.28035, Description: SB01-20180115

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7	4.08e-1	1.05e3	0.280		2.56	2.45	0.00485		
2	4 PFHxA	313.2 > 268.9		2.60e3	0.280		3.05				
3	5 PFHpA	363.0 > 318.9		6.20e3	0.280		3.68				
4	6 L-PFHxS	398.9 > 79.6		6.36e2	0.280		3.80				
5	9 L-PFOA	413 > 368.7		8.67e3	0.280		4.20				
6	12 PFNA	463.0 > 418.8		8.56e3	0.280		4.65				
7	14 L-PFOS	499 > 79.9		2.43e3	0.280		4.75				
8	16 PFDA	513 > 468.8		6.51e3	0.280		5.03				
9	18 N-MeFOSAA	570.1 > 419		2.67e3	0.280		5.20				
10	19 N-EtFOSAA	584.2 > 419		3.25e3	0.280		5.30				
11	20 PFUdA	563.0 > 518.9		7.88e3	0.280		5.36				
12	22 PFDaA	612.9 > 569.0		6.22e3	0.280		5.65				

Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-75.qld

Last Altered: Monday, February 05, 2018 11:09:42 Pacific Standard Time

Printed: Monday, February 05, 2018 11:12:57 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 01 Feb 2018 14:12:19

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Name: 180129M1_75, Date: 30-Jan-2018, Time: 00:25:28, ID: 1800121-01 SB01-20180115 0.28035, Description: SB01-20180115

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	24	PFTrDA	662.9 > 618.9	6.22e3	0.280		5.90				
2	25	PFTeDA	712.9 > 668.8	2.66e3	0.280		6.12				
3	33	13C3-PFBS	302. > 98.8	1.05e3	0.280	0.106	2.56	2.62	1.51	50.9734	114.3
4	34	13C2-PFHxA	315 > 269.8	2.60e3	0.280	0.705	3.05	3.11	3.73	18.9007	106.0
5	35	13C4-PFHpA	367.2 > 321.8	6.20e3	0.280	0.688	3.68	3.73	8.89	46.1379	103.5
6	36	18O2-PFHxS	403.0 > 102.6	6.36e2	0.280	0.348	3.80	3.87	3.83	39.2845	88.1
7	37	13C2-6:2 FTS	429.1 > 408.9	2.05e3	0.280	0.238	4.15	4.19	2.69	40.2781	90.3
8	38	13C2-PFOA	414.9 > 369.7	8.67e3	0.280	1.190	4.20	4.24	11.4	34.1122	76.5
9	39	13C5-PFNA	468.2 > 422.9	8.56e3	0.280	0.999	4.65	4.67	11.3	40.3262	90.4
10	40	13C8-PFOSA	506.1 > 77.7	9.85e2	0.280	0.211	4.70	4.74	1.22	20.6074	46.2
11	41	13C8-PFOS	507.0 > 79.9	2.43e3	0.280	0.957	4.75	4.75	13.3	49.6872	111.4
12	42	13C2-PFDA	515.1 > 469.9	6.51e3	0.280	0.965	5.03	5.04	9.15	33.8089	75.8
13	43	13C2-8:2 FTS	529.1 > 508.7	1.21e3	0.280	0.162	5.00	5.01	1.74	38.2422	85.8
14	44	d3-N-MeFOSAA	573.3 > 419	2.67e3	0.280	0.398	5.20	5.18	3.31	29.6860	66.6
15	45	d5-N-EtFOSAA	589.3 > 419	3.25e3	0.280	0.435	5.30	5.34	4.03	33.0667	74.2
16	46	13C2-PFUdA	565 > 519.8	7.88e3	0.280	1.057	5.36	5.36	9.76	32.9542	73.9
17	47	13C2-PFDoA	615.0 > 569.7	6.22e3	0.280	0.851	5.65	5.64	7.71	32.3016	72.4
18	49	13C2-PFTeDA	714.8 > 669.6	2.66e3	0.280	0.403	6.12	6.10	3.30	29.2170	65.5
19	55	13C5-PFHxA	318 > 272.9	8.71e3	0.280	1.000	3.05	3.11	12.5	44.5871	100.0
20	56	13C3-PFHxS	401.9 > 79.9	2.07e3	0.280	1.000	3.80	3.87	12.5	44.5871	100.0
21	57	13C8-PFOA	421.3 > 376	9.52e3	0.280	1.000	4.20	4.24	12.5	44.5871	100.0
22	58	13C9-PFNA	472.2 > 426.9	9.47e3	0.280	1.000	4.65	4.67	12.5	44.5871	100.0
23	59	13C4-PFOS	503 > 79.9	2.28e3	0.280	1.000	4.60	4.75	12.5	44.5871	100.0
24	60	13C6-PFDA	519.1 > 473.7	8.90e3	0.280	1.000	5.03	5.04	12.5	44.5871	100.0
25	61	13C7-PFUdA	570.1 > 524.8	1.01e4	0.280	1.000	5.36	5.36	12.5	44.5871	100.0
26	62	Total PFHxS	398.9 > 79.6	0.00e0	0.280		3.70		0.000		
27	63	Total PFOA	413 > 368.7	0.00e0	0.280		4.19		0.000		
28	64	Total PFOS	499 > 79.9	0.00e0	0.280		4.70		0.000		
29	65	Total N-MeFOSAA	570.1 > 419	0.00e0	0.280		5.20		0.000		
30	66	Total N-EtFOSAA	584.2 > 419	0.00e0	0.280		5.30		0.000		

Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-75.qld

Last Altered: Monday, February 05, 2018 11:09:42 Pacific Standard Time

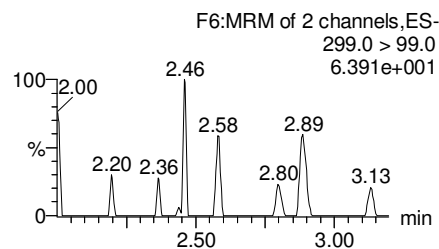
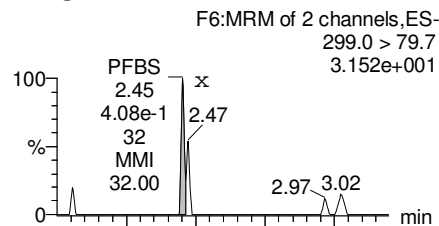
Printed: Monday, February 05, 2018 11:12:57 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 01 Feb 2018 14:12:19

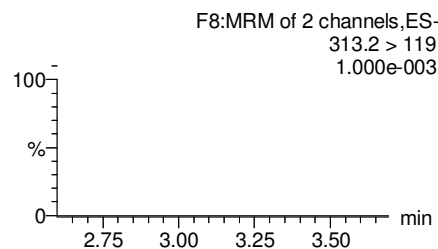
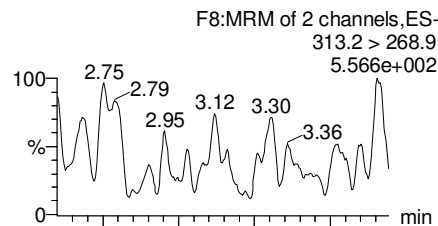
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Name: 180129M1_75, Date: 30-Jan-2018, Time: 00:25:28, ID: 1800121-01 SB01-20180115 0.28035, Description: SB01-20180115

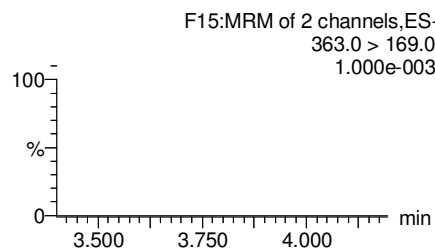
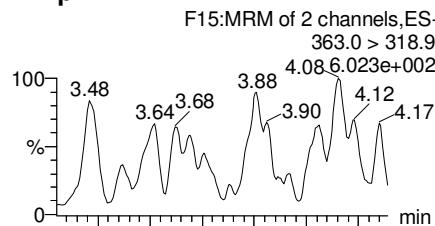
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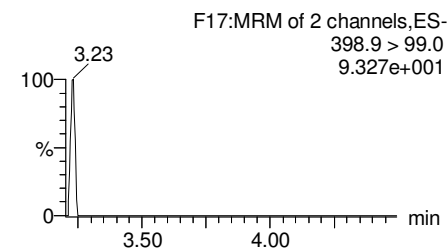
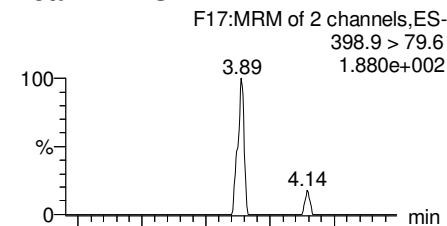
PFHxA



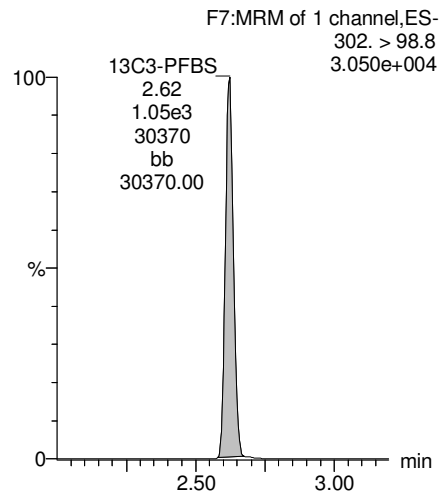
PFHpA



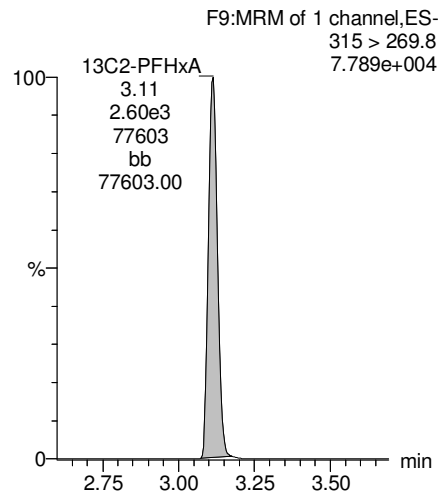
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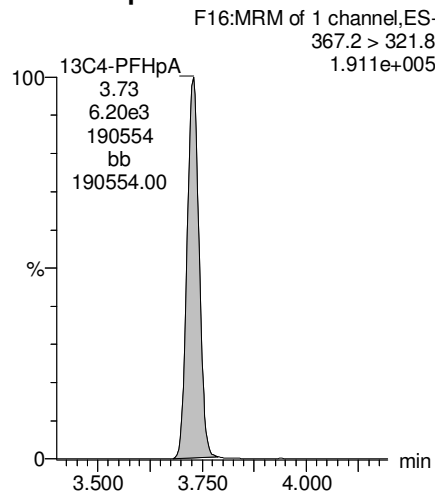
13C3-PFBS



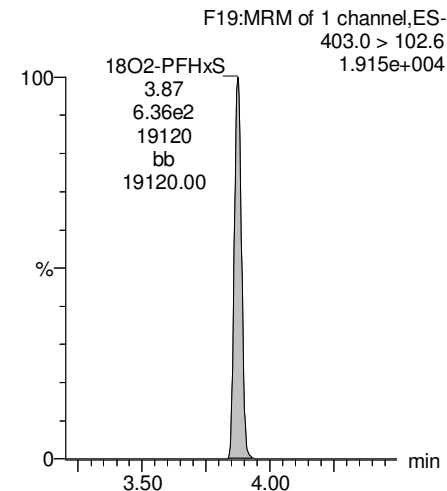
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



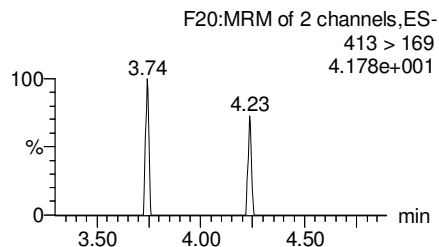
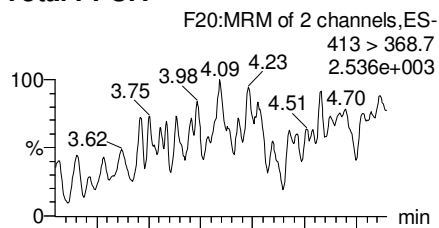
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Last Altered: Monday, February 05, 2018 11:09:42 Pacific Standard Time

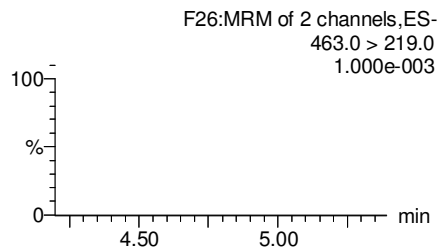
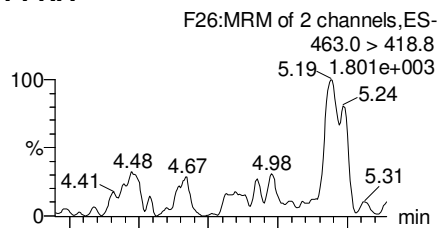
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Name: 180129M1_75, Date: 30-Jan-2018, Time: 00:25:28, ID: 1800121-01 SB01-20180115 0.28035, Description: SB01-20180115

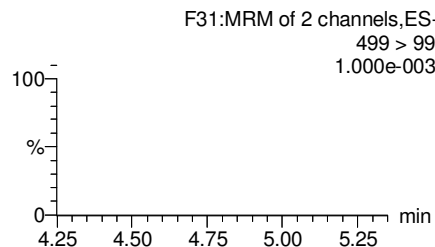
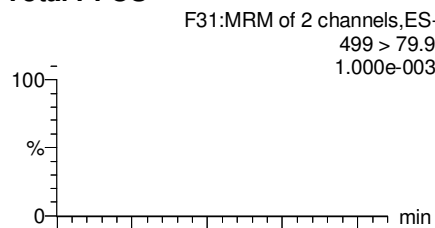
Total PFOA



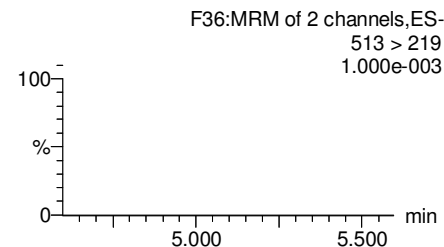
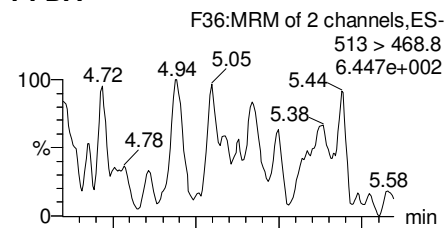
PFNA



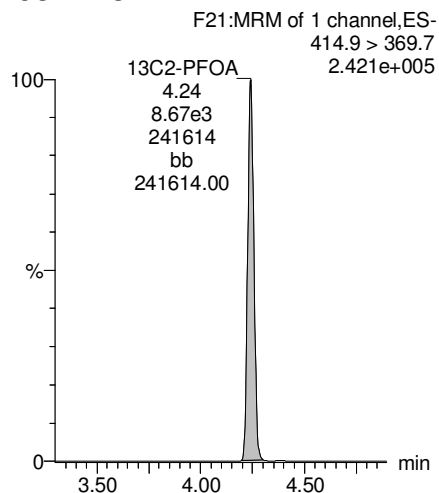
Total PFOS



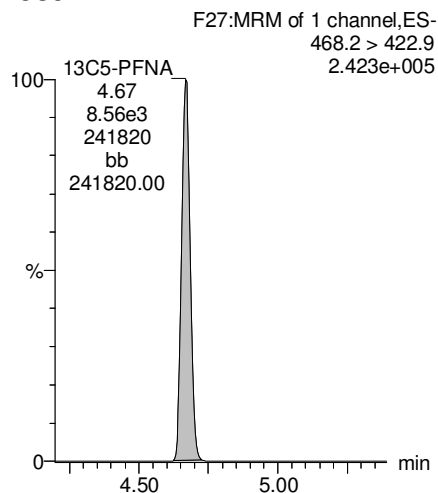
PFDA



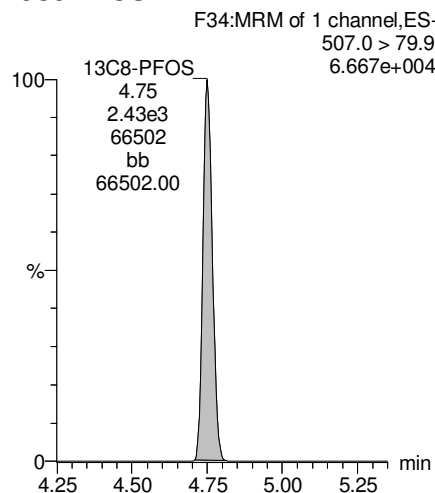
13C2-PFOA



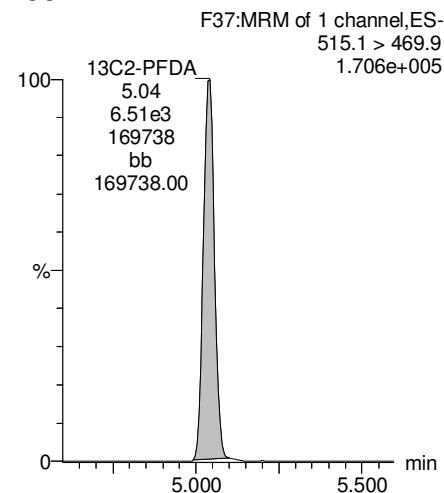
13C5-PFNA



13C8-PFOS



13C2-PFDA



Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-75.qld

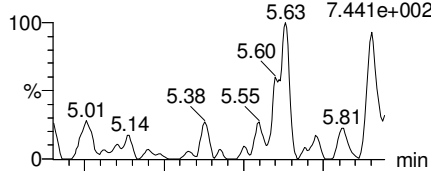
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Printed: Monday, February 05, 2018 11:12:57 Pacific Standard Time

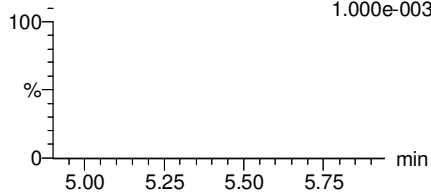
Name: 180129M1_75, Date: 30-Jan-2018, Time: 00:25:28, ID: 1800121-01 SB01-20180115 0.28035, Description: SB01-20180115

PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
7.441e+002

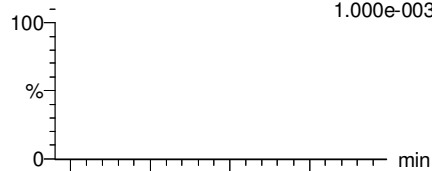


F45:MRM of 2 channels,ES-
563.0 > 269
1.000e-003

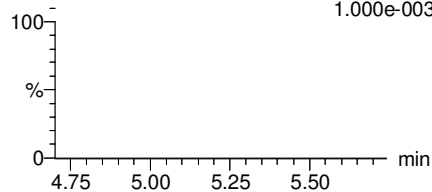


N-MeFOSAA

F47:MRM of 2 channels,ES-
570.1 > 419
1.000e-003

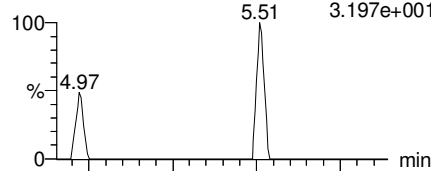


F47:MRM of 2 channels,ES-
570.1 > 483.0
1.000e-003

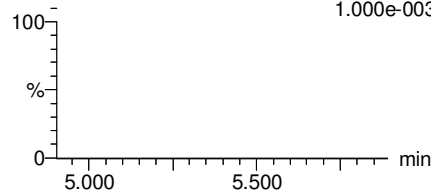


N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
3.197e+001

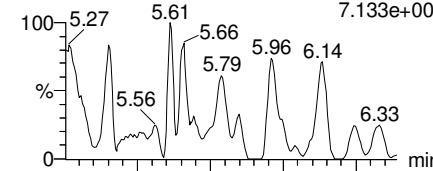


F50:MRM of 2 channels,ES-
584.2 > 483.0
1.000e-003

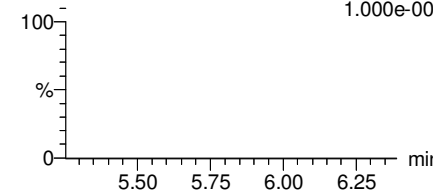


PFDaA

F53:MRM of 4 channels,ES-
612.9 > 569.0
7.133e+002

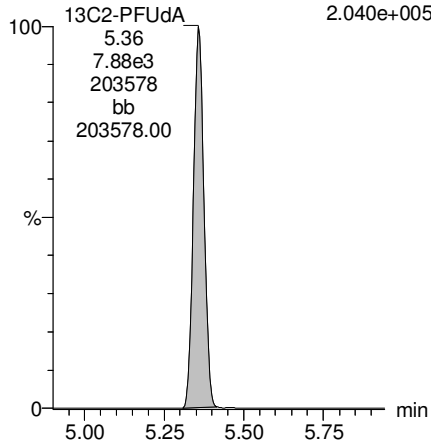


F53:MRM of 4 channels,ES-
612.9 > 318.8
1.000e-003



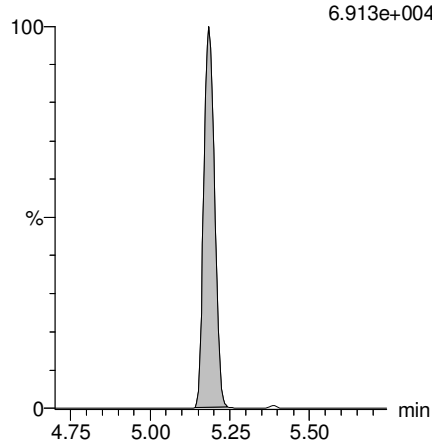
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
2.040e+005



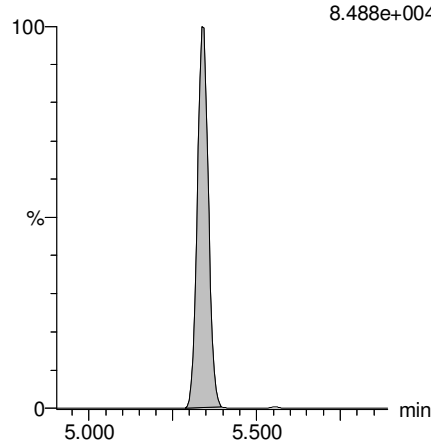
d3-N-MeFOSAA

F49:MRM of 1 channel,ES-
573.3 > 419
6.913e+004



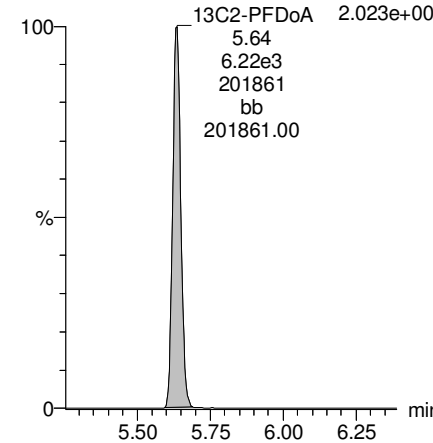
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
8.488e+004



13C2-PFDaA

F54:MRM of 2 channels,ES-
615.0 > 569.7
2.023e+005



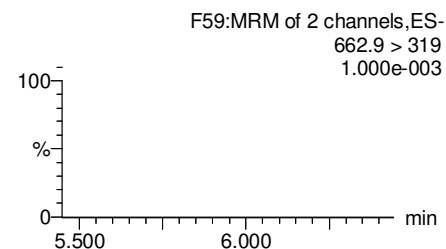
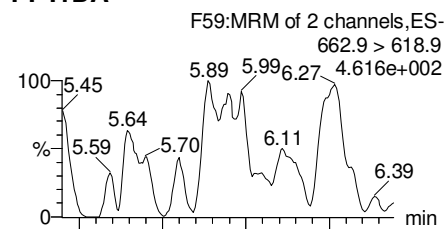
Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-75.qld

Last Altered: Monday, February 05, 2018 11:09:42 Pacific Standard Time

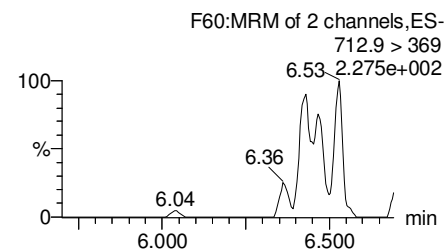
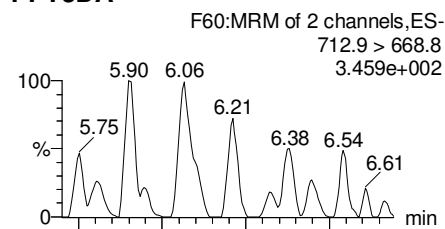
Printed: Monday, February 05, 2018 11:12:57 Pacific Standard Time

Name: 180129M1_75, Date: 30-Jan-2018, Time: 00:25:28, ID: 1800121-01 SB01-20180115 0.28035, Description: SB01-20180115

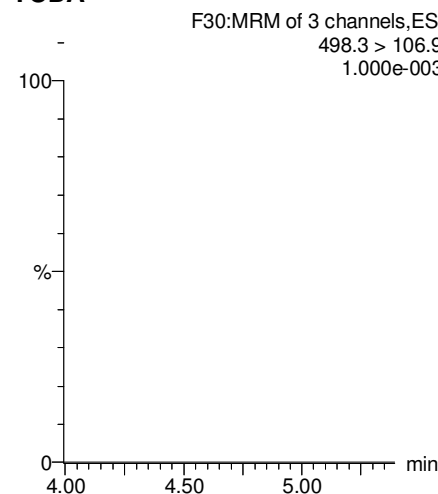
PFTrDA



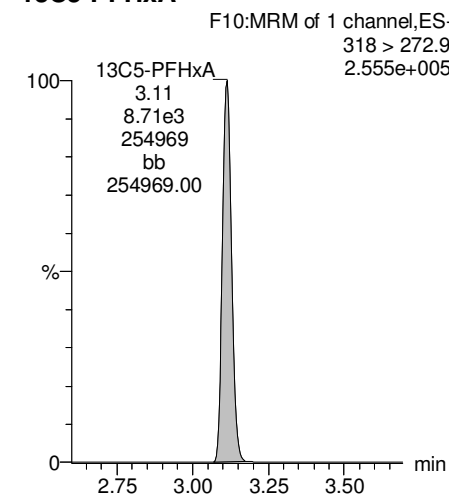
PFTeDA



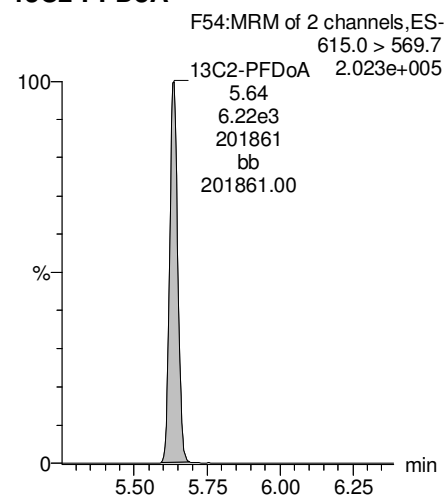
TCDA



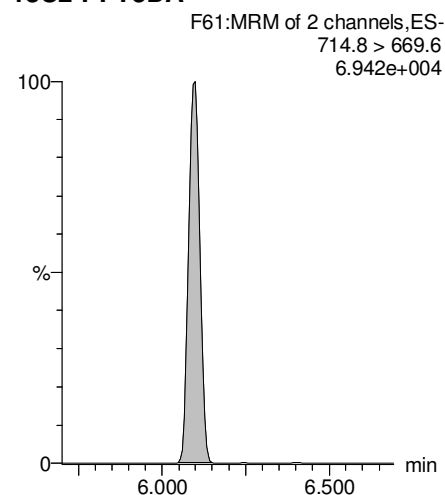
13C5-PFHxA



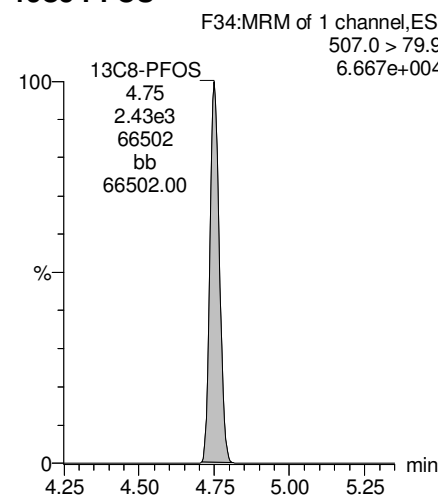
13C2-PFDoA



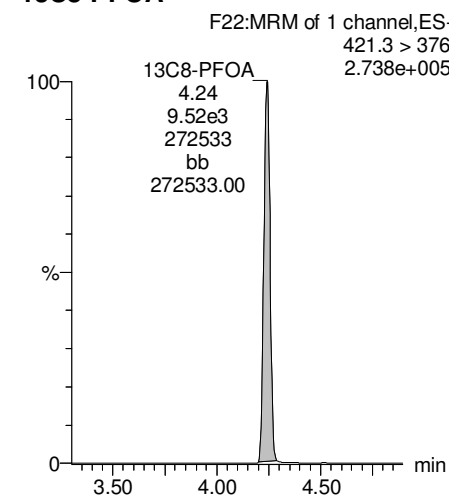
13C2-PFTeDA



13C8-PFOS



13C8-PFOA



Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-75.qld

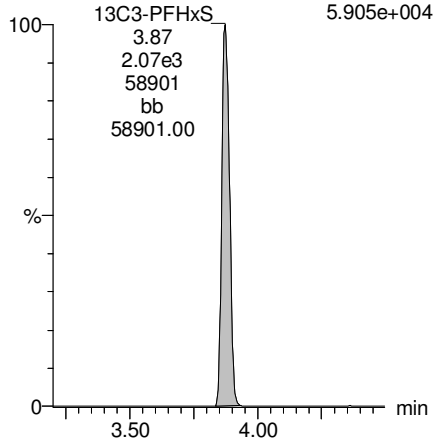
Last Altered: Monday, February 05, 2018 11:09:42 Pacific Standard Time

Printed: Monday, February 05, 2018 11:12:57 Pacific Standard Time

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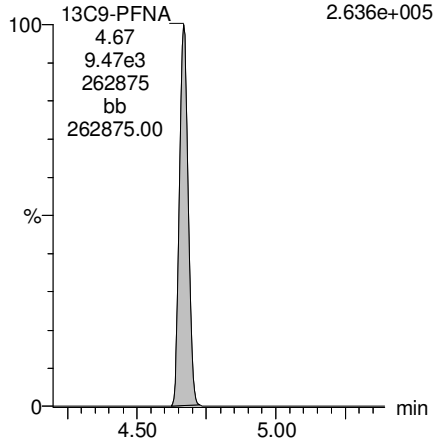
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
5.905e+004



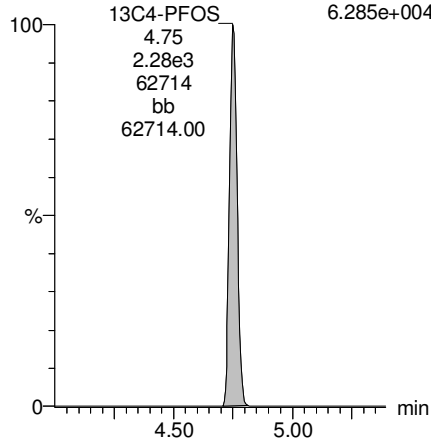
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
2.636e+005



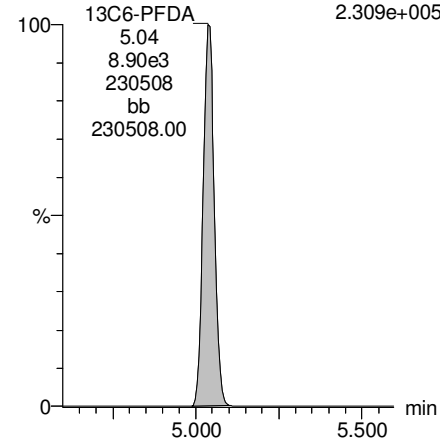
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
6.285e+004



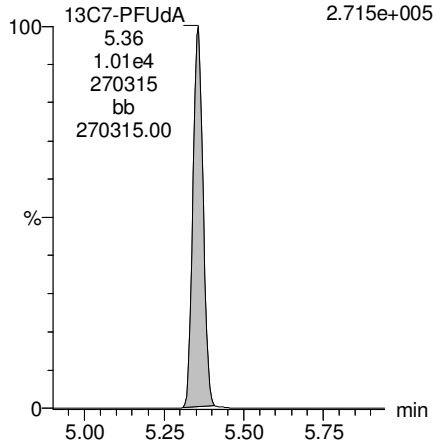
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
2.309e+005



13C7-PFudA

F48:MRM of 1 channel,ES-
570.1 > 524.8
2.715e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-32.qld

Last Altered: Monday, February 05, 2018 11:47:06 Pacific Standard Time

Printed: Monday, February 05, 2018 11:48:16 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_32, Date: 30-Jan-2018, Time: 17:28:54, ID: 1800121-02 EB01-20180115 0.25066, Description: EB01-20180115

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7		1.16e3	0.251		2.56				
2	5 PFHxA	313.2 > 268.9		2.90e3	0.251		3.05				
3	7 PFHpA	363.0 > 318.9		7.15e3	0.251		3.68				
4	8 L-PFHxS	398.9 > 79.6		7.68e2	0.251		3.80				
5	11 L-PFOA	413 > 368.7		9.81e3	0.251		4.20				
6	14 PFNA	463.0 > 418.8		8.19e3	0.251		4.65				
7	16 L-PFOS	499 > 79.9		2.60e3	0.251		4.75				
8	18 PFDA	513 > 468.8		6.27e3	0.251		5.03				
9	21 N-MeFOSAA	570.1 > 419		2.78e3	0.251		5.20				
10	22 N-EtFOSAA	584.2 > 419		3.05e3	0.251		5.30				
11	23 PFUdA	563.0 > 518.9		7.46e3	0.251		5.36				

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-32.qld

Last Altered: Monday, February 05, 2018 11:47:06 Pacific Standard Time

Printed: Monday, February 05, 2018 11:48:27 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_32, Date: 30-Jan-2018, Time: 17:28:54, ID: 1800121-02 EB01-20180115 0.25066, Description: EB01-20180115

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	25	PFDa	612.9 > 569.0	6.37e3	0.251		5.65					
2	27	PFTDA	662.9 > 618.9	2.26e3	0.251		5.90					
3	28	PFTeDA	712.9 > 668.8	2.26e3	0.251		6.12					
4	36	13C3-PFBS	302. > 98.8	1.16e3	1.16e4	0.251	0.109	2.56	2.54	1.26	45.8639	92.0
5	37	13C2-PFHxA	315 > 269.8	2.90e3	1.16e4	0.251	0.684	3.05	3.03	3.13	18.2629	91.6
6	38	13C4-PFHpA	367.2 > 321.8	7.15e3	1.16e4	0.251	0.732	3.68	3.65	7.71	42.0104	84.2
7	39	18O2-PFHxS	403.0 > 102.6	7.68e2	2.48e3	0.251	0.318	3.80	3.80	3.87	48.4399	97.1
8	40	13C2-6:2 FTS	429.1 > 408.9	2.47e3	8.57e3	0.251	0.263	4.15	4.12	3.61	54.6798	109.6
9	41	13C2-PFOA	414.9 > 369.7	9.81e3	8.57e3	0.251	1.120	4.20	4.17	14.3	50.9490	102.2
10	42	13C5-PFNA	468.2 > 422.9	8.19e3	1.11e4	0.251	0.921	4.65	4.61	9.21	39.9189	80.0
11	43	13C8-PFOA	506.1 > 77.7	1.37e3	1.10e4	0.251	0.245	4.70	4.67	1.56	25.3752	50.9
12	44	13C8-PFOS	507.0 > 79.9	2.60e3	2.65e3	0.251	1.034	4.75	4.69	12.3	47.4216	95.1
13	45	13C2-PFDA	515.1 > 469.9	6.27e3	8.04e3	0.251	1.080	5.03	4.99	9.76	36.0491	72.3
14	46	13C2-8:2 FTS	529.1 > 508.7	1.41e3	1.16e4	0.251	0.165	5.00	4.96	1.52	36.8103	73.8
15	47	d3-N-MeFOSAA	573.3 > 419	2.78e3	1.10e4	0.251	0.398	5.20	5.14	3.15	31.5911	63.3
16	48	d5-N-EtFOSAA	589.3 > 419	3.05e3	1.10e4	0.251	0.425	5.30	5.30	3.45	32.4155	65.0
17	49	13C2-PFUDa	565 > 519.8	7.46e3	1.10e4	0.251	1.047	5.36	5.31	8.45	32.1793	64.5
18	50	13C2-PFDa	615.0 > 569.7	6.37e3	1.10e4	0.251	0.805	5.65	5.60	7.22	35.7570	71.7
19	52	13C2-PFTeDA	714.8 > 669.6	2.26e3	1.10e4	0.251	0.367	6.12	6.07	2.56	27.8282	55.8
20	57	13C4-PFBA	217. > 171.8	8.25e3	8.25e3	0.251	1.000	1.30	1.30	12.5	49.8683	100.0
21	58	13C5-PFHxA	318 > 272.9	1.16e4	1.16e4	0.251	1.000	3.05	3.03	12.5	49.8683	100.0
22	59	13C3-PFHxS	401.9 > 79.9	2.48e3	2.48e3	0.251	1.000	3.80	3.80	12.5	49.8683	100.0
23	60	13C8-PFOA	421.3 > 376	8.57e3	8.57e3	0.251	1.000	4.20	4.17	12.5	49.8683	100.0
24	61	13C9-PFNA	472.2 > 426.9	1.11e4	1.11e4	0.251	1.000	4.65	4.61	12.5	49.8683	100.0
25	62	13C4-PFOS	503 > 79.9	2.65e3	2.65e3	0.251	1.000	4.60	4.70	12.5	49.8683	100.0
26	63	13C6-PFDA	519.1 > 473.7	8.04e3	8.04e3	0.251	1.000	5.03	4.99	12.5	49.8683	100.0
27	64	13C7-PFUDa	570.1 > 524.8	1.10e4	1.10e4	0.251	1.000	5.36	5.32	12.5	49.8683	100.0
28	65	Total PFHxS	398.9 > 79.6	0.00e0	7.68e2	0.251		3.70		0.000		
29	66	Total PFOA	413 > 368.7	0.00e0	9.81e3	0.251		4.20		0.000		
30	67	Total PFOS	499 > 79.9	0.00e0	2.60e3	0.251		4.70		0.000		
31	68	Total N-MeFOSAA	570.1 > 419	0.00e0	2.78e3	0.251		5.20		0.000		
32	69	Total N-EtFOSAA	584.2 > 419	0.00e0	3.05e3	0.251		5.30		0.000		

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-32.qld

Last Altered: Monday, February 05, 2018 11:47:06 Pacific Standard Time

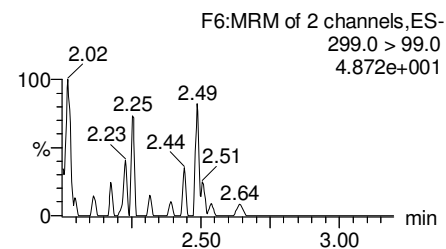
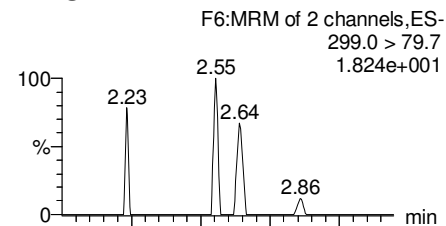
Printed: Monday, February 05, 2018 11:48:27 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

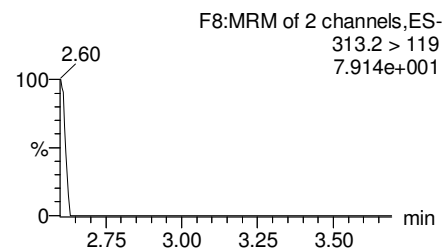
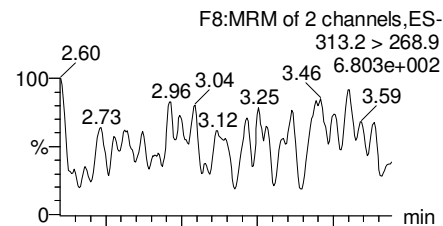
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_32, Date: 30-Jan-2018, Time: 17:28:54, ID: 1800121-02 EB01-20180115 0.25066, Description: EB01-20180115

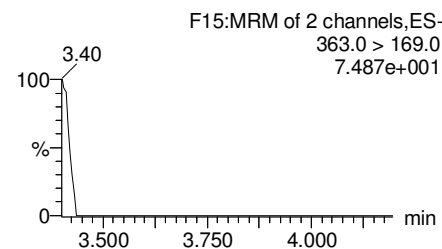
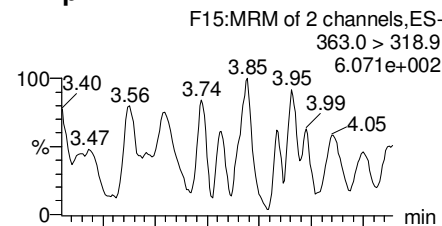
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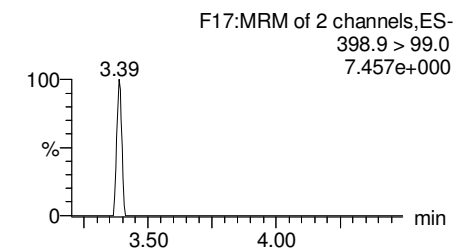
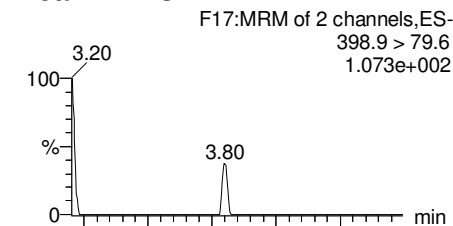
PFHxA



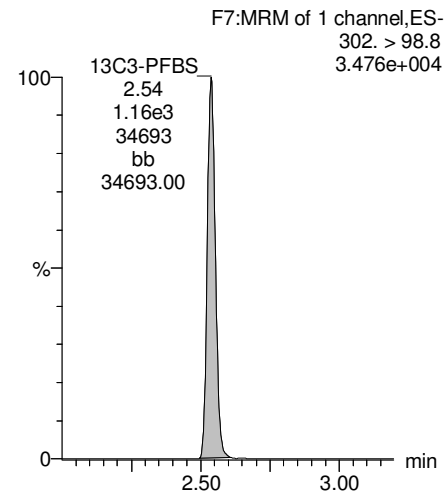
PFHpA



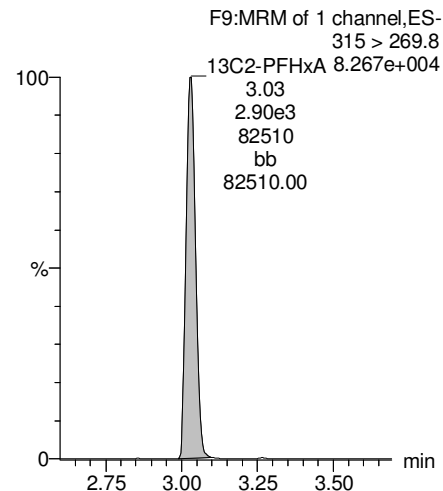
Total PFHxS



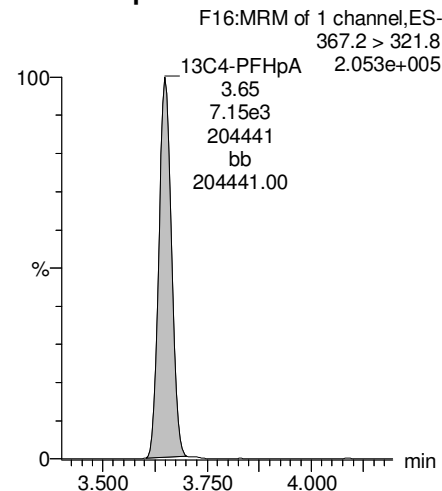
13C3-PFBS



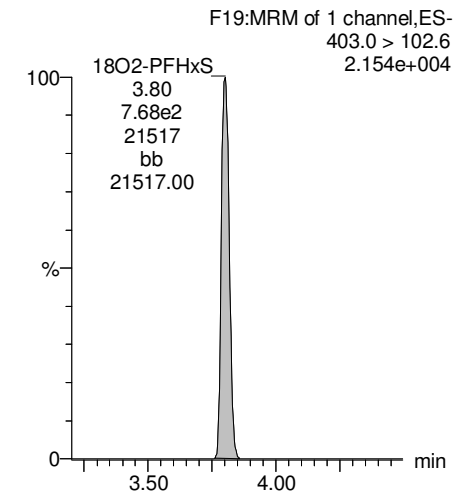
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-32.qld

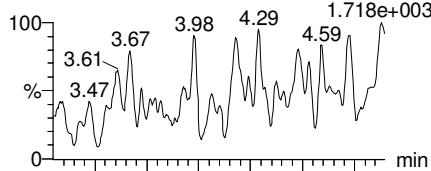
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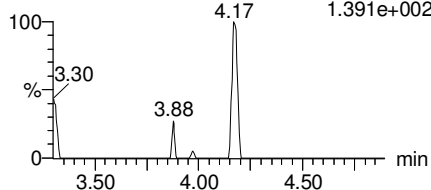
Name: 180130M2_32, Date: 30-Jan-2018, Time: 17:28:54, ID: 1800121-02 EB01-20180115 0.25066, Description: EB01-20180115

Total PFOA

F20:MRM of 2 channels,ES-
413 > 368.7
1.718e+003

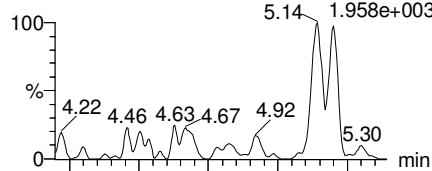


F20:MRM of 2 channels,ES-
413 > 169
1.391e+002

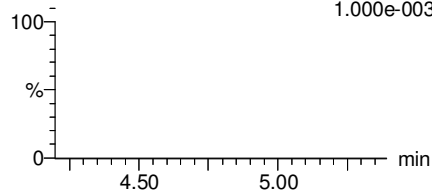


PFNA

F26:MRM of 2 channels,ES-
463.0 > 418.8
1.958e+003

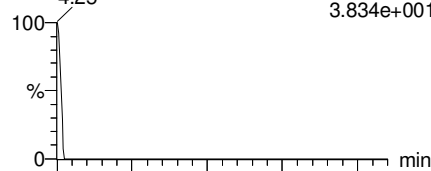


F26:MRM of 2 channels,ES-
463.0 > 219.0
1.000e-003

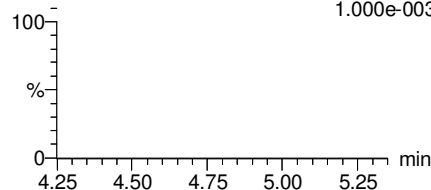


Total PFOS

F31:MRM of 2 channels,ES-
499 > 79.9
3.834e+001

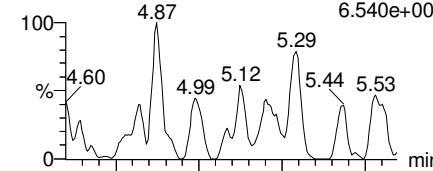


F31:MRM of 2 channels,ES-
499 > 99
1.000e-003

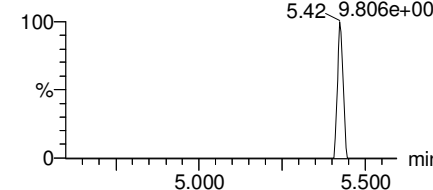


PFDA

F36:MRM of 2 channels,ES-
513 > 468.8
6.540e+002

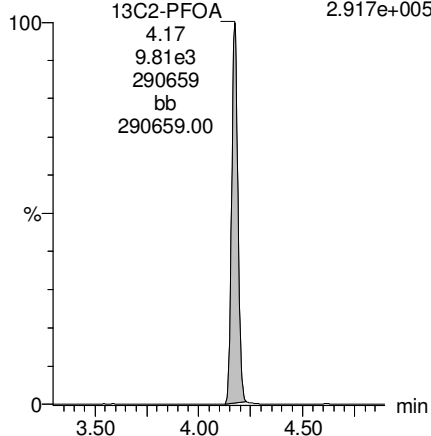


F36:MRM of 2 channels,ES-
513 > 219
9.806e+001



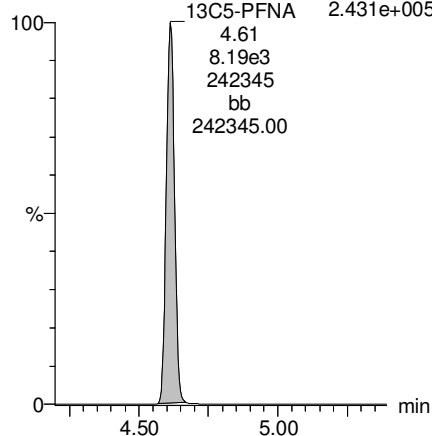
13C2-PFOA

F21:MRM of 1 channel,ES-
414.9 > 369.7
2.917e+005



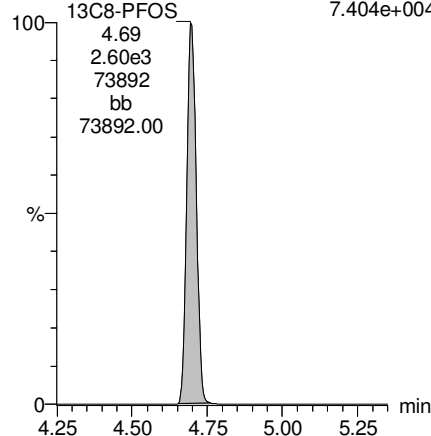
13C5-PFNA

F27:MRM of 1 channel,ES-
468.2 > 422.9
2.431e+005



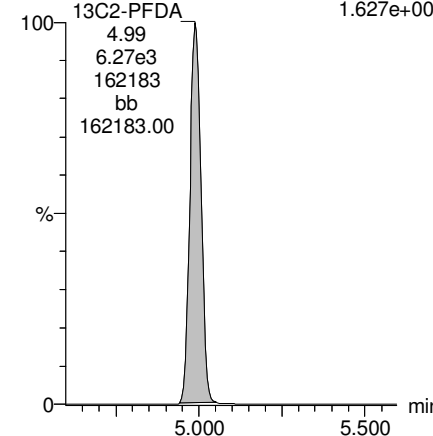
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9
7.404e+004



13C2-PFDA

F37:MRM of 1 channel,ES-
515.1 > 469.9
1.627e+005



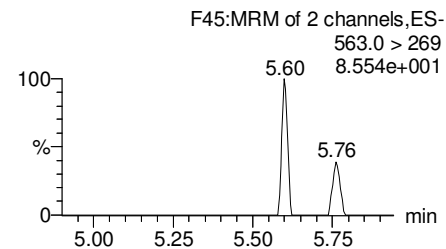
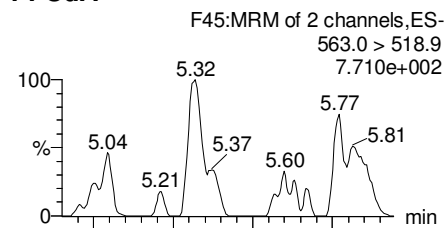
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Last Altered: Monday, February 05, 2018 11:47:06 Pacific Standard Time

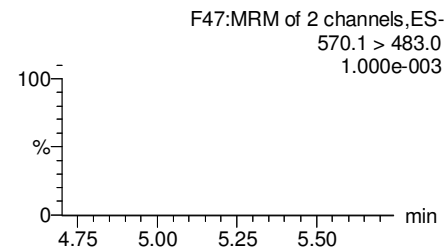
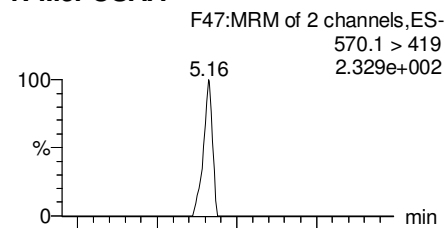
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Name: 180130M2_32, Date: 30-Jan-2018, Time: 17:28:54, ID: 1800121-02 EB01-20180115 0.25066, Description: EB01-20180115

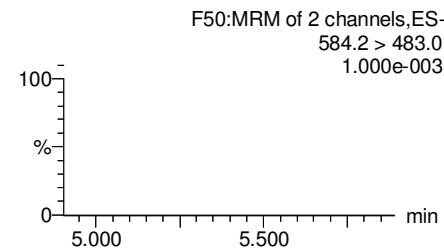
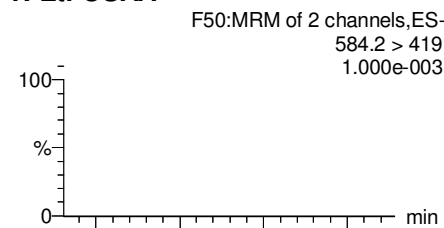
PFUdA



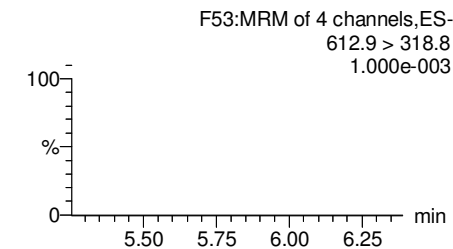
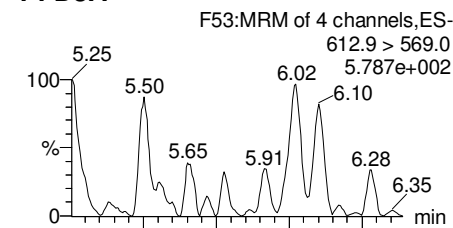
N-MeFOSAA



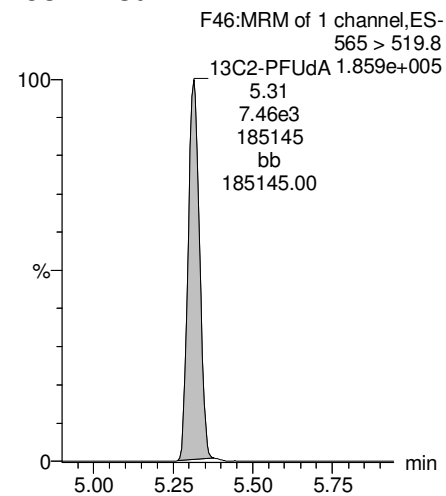
N-EtFOSAA



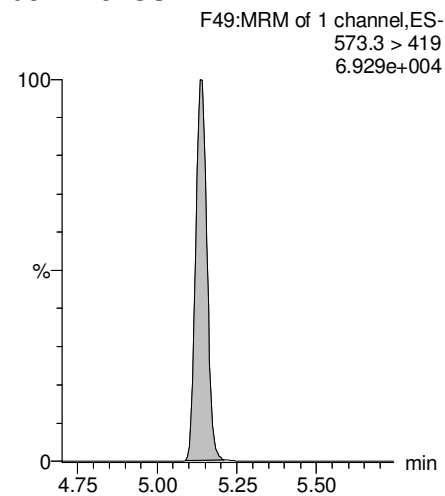
PFDaA



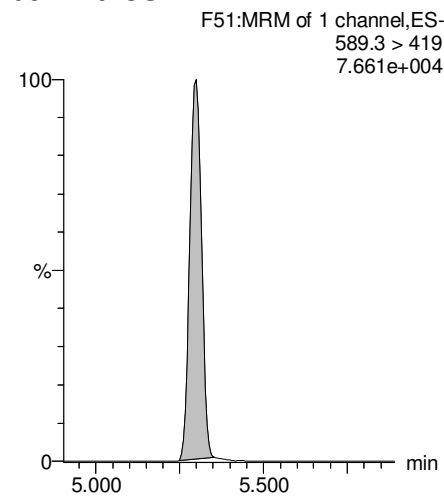
13C2-PFUdA



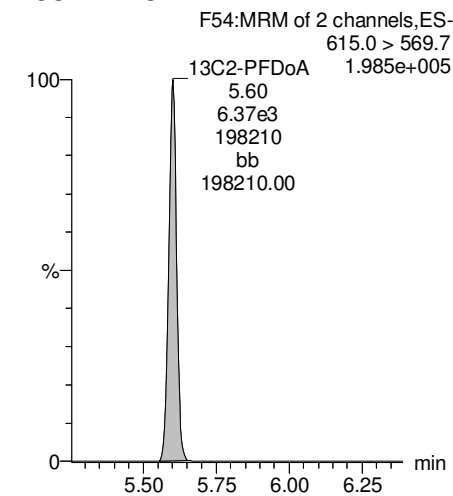
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



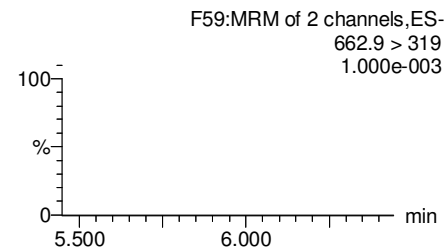
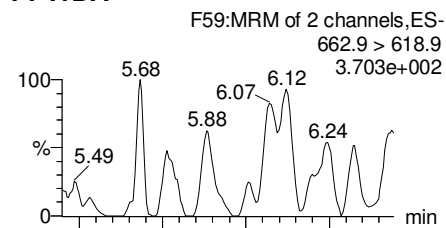
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Last Altered: Monday, February 05, 2018 11:47:06 Pacific Standard Time

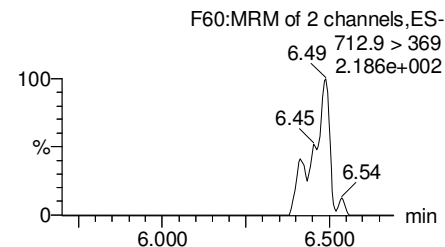
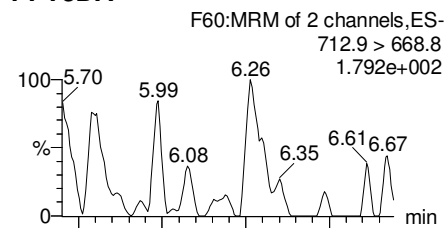
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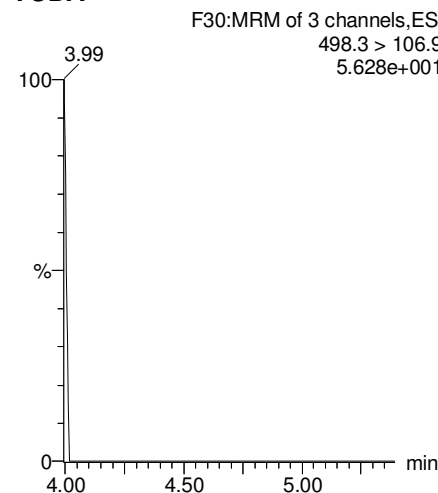
PFTrDA



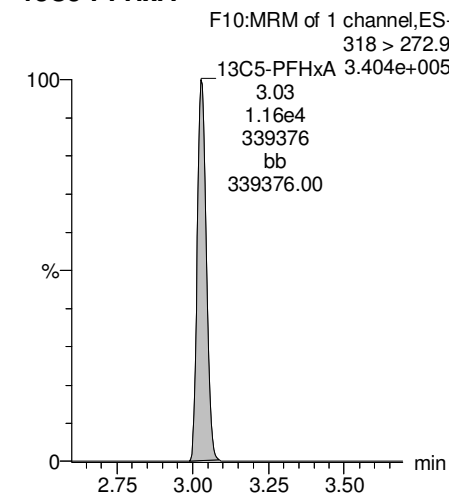
PFTeDA



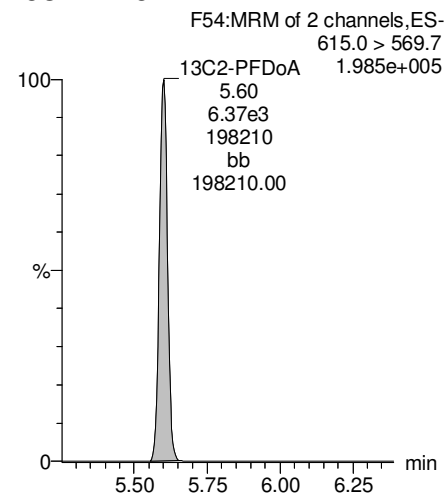
TCDA



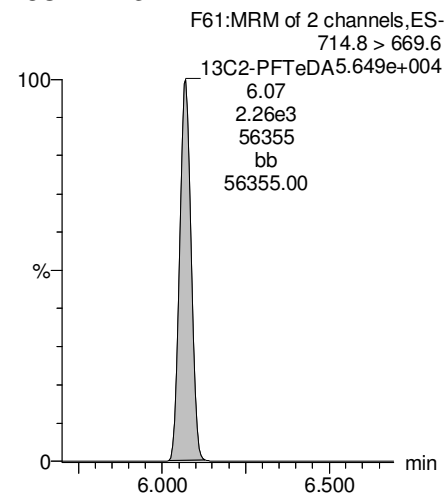
13C5-PFHxA



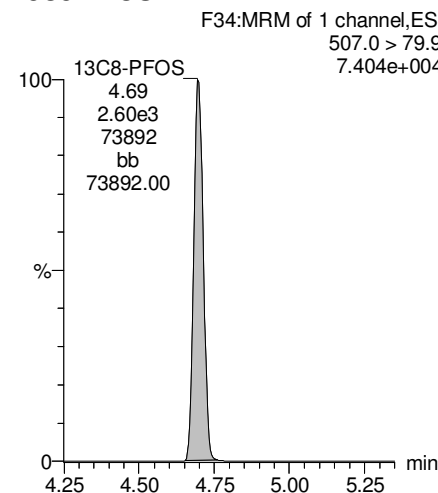
13C2-PFDoA



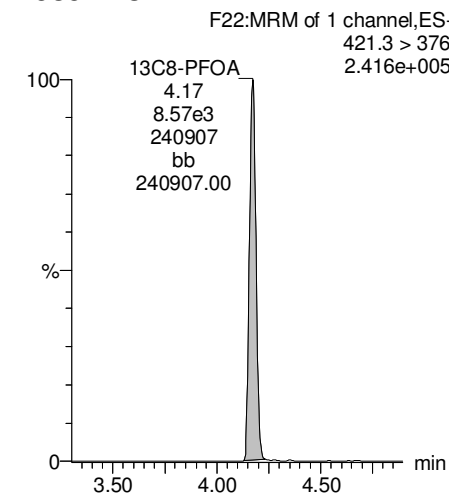
13C2-PFTeDA



13C8-PFOS



13C8-PFOA



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-32.qld

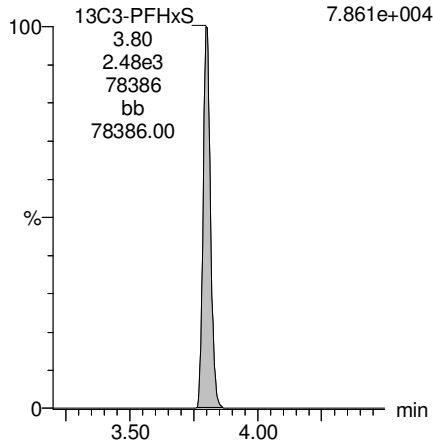
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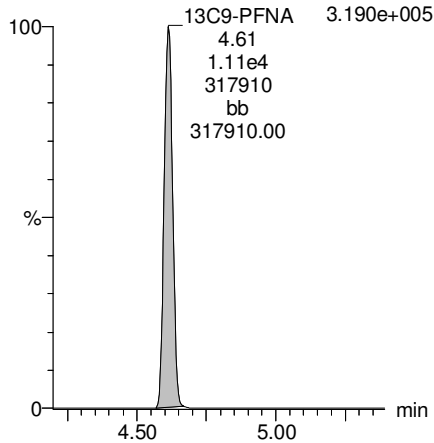
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
7.861e+004



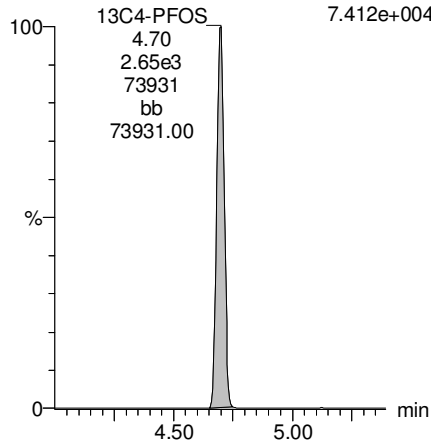
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
3.190e+005



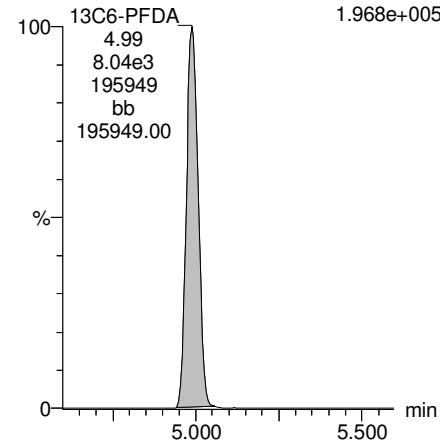
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
7.412e+004



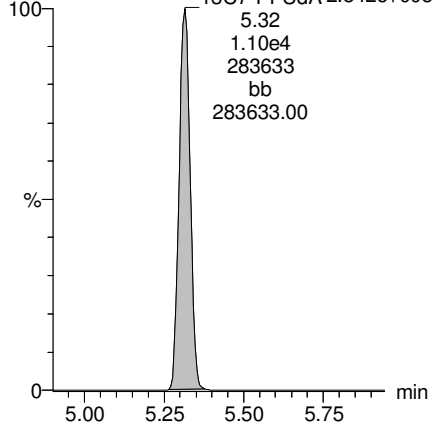
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
1.968e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8
2.842e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-77.qld

Last Altered: Monday, February 05, 2018 11:17:13 Pacific Standard Time

Printed: Monday, February 05, 2018 11:17:56 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 01 Feb 2018 14:12:19

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Name: 180129M1_77, Date: 30-Jan-2018, Time: 00:48:22, ID: 1800121-03 IRSite5-GW-05W07-20180115 0.27331, Description: IRSite5-GW-05W07-20180115

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7		9.74e2	0.273		2.56				
2	4 PFHxA	313.2 > 268.9	6.34e2	2.16e3	0.273		3.05	3.11	1.47	3.2916	
3	5 PFHpA	363.0 > 318.9		6.48e3	0.273		3.68				
4	6 L-PFHxS	398.9 > 79.6	9.12e1	7.18e2	0.273		3.80	3.88	1.59	3.3239	
5	9 L-PFOA	413 > 368.7	5.77e2	9.99e3	0.273		4.20	4.24	0.722	2.3418	
6	12 PFNA	463.0 > 418.8	1.01e2	7.02e3	0.273		4.65	4.68	0.179	0.5601	
7	14 L-PFOS	499 > 79.9	1.83e2	2.04e3	0.273		4.75	4.61	1.12	3.3571	
8	16 PFDA	513 > 468.8		6.20e3	0.273		5.03				
9	18 N-MeFOSAA	570.1 > 419		2.79e3	0.273		5.20				
10	19 N-EtFOSAA	584.2 > 419		2.76e3	0.273		5.30				
11	20 PFUdA	563.0 > 518.9		7.63e3	0.273		5.36				
12	22 PFDoA	612.9 > 569.0		5.57e3	0.273		5.65				

Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-77.qld

Last Altered: Monday, February 05, 2018 11:17:13 Pacific Standard Time

Printed: Monday, February 05, 2018 11:18:07 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 01 Feb 2018 14:12:19

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Name: 180129M1_77, Date: 30-Jan-2018, Time: 00:48:22, ID: 1800121-03 IRSite5-GW-05W07-20180115 0.27331, Description: IRSite5-GW-05W07-20180115

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	24	PFTrDA	662.9 > 618.9	5.57e3	0.273		5.90					
2	25	PFTeDA	712.9 > 668.8	1.47e1	2.08e3	0.273	6.12	6.10	0.0886			
3	33	13C3-PFBS	302. > 98.8	9.74e2	9.24e3	0.273	0.106	2.56	2.62	1.32	45.6692	99.9
4	34	13C2-PFHxA	315 > 269.8	2.16e3	9.24e3	0.273	0.705	3.05	3.11	2.93	15.1964	83.1
5	35	13C4-PFHpA	367.2 > 321.8	6.48e3	9.24e3	0.273	0.688	3.68	3.73	8.77	46.6659	102.0
6	36	18O2-PFHxS	403.0 > 102.6	7.18e2	2.05e3	0.273	0.348	3.80	3.87	4.38	46.0117	100.6
7	37	13C2-6:2 FTS	429.1 > 408.9	2.35e3	9.17e3	0.273	0.238	4.15	4.18	3.21	49.3339	107.9
8	38	13C2-PFOA	414.9 > 369.7	9.99e3	9.17e3	0.273	1.190	4.20	4.24	13.6	41.9091	91.6
9	39	13C5-PFNA	468.2 > 422.9	7.02e3	9.33e3	0.273	0.999	4.65	4.67	9.41	34.4674	75.4
10	40	13C8-PFOSA	506.1 > 77.7	1.26e3	1.15e4	0.273	0.211	4.70	4.74	1.37	23.7617	52.0
11	41	13C8-PFOS	507.0 > 79.9	2.04e3	2.33e3	0.273	0.957	4.75	4.75	10.9	41.8639	91.5
12	42	13C2-PFDA	515.1 > 469.9	6.20e3	7.75e3	0.273	0.965	5.03	5.04	10.0	37.9253	82.9
13	43	13C2-8:2 FTS	529.1 > 508.7	1.04e3	9.24e3	0.273	0.162	5.00	5.01	1.40	31.6686	69.2
14	44	d3-N-MeFOSAA	573.3 > 419	2.79e3	1.15e4	0.273	0.398	5.20	5.18	3.03	27.8489	60.9
15	45	d5-N-EtFOSAA	589.3 > 419	2.76e3	1.15e4	0.273	0.435	5.30	5.34	3.01	25.2814	55.3
16	46	13C2-PFUdA	565 > 519.8	7.63e3	1.15e4	0.273	1.057	5.36	5.36	8.30	28.7376	62.8
17	47	13C2-PFDoA	615.0 > 569.7	5.57e3	1.15e4	0.273	0.851	5.65	5.64	6.05	26.0355	56.9
18	49	13C2-PFTeDA	714.8 > 669.6	2.08e3	1.15e4	0.273	0.403	6.12	6.10	2.26	20.5126	44.9
19	55	13C5-PFHxA	318 > 272.9	9.24e3	9.24e3	0.273	1.000	3.05	3.11	12.5	45.7356	100.0
20	56	13C3-PFHxS	401.9 > 79.9	2.05e3	2.05e3	0.273	1.000	3.80	3.88	12.5	45.7356	100.0
21	57	13C8-PFOA	421.3 > 376	9.17e3	9.17e3	0.273	1.000	4.20	4.24	12.5	45.7356	100.0
22	58	13C9-PFNA	472.2 > 426.9	9.33e3	9.33e3	0.273	1.000	4.65	4.67	12.5	45.7356	100.0
23	59	13C4-PFOS	503 > 79.9	2.33e3	2.33e3	0.273	1.000	4.60	4.75	12.5	45.7356	100.0
24	60	13C6-PFDA	519.1 > 473.7	7.75e3	7.75e3	0.273	1.000	5.03	5.04	12.5	45.7356	100.0
25	61	13C7-PFUdA	570.1 > 524.8	1.15e4	1.15e4	0.273	1.000	5.36	5.36	12.5	45.7356	100.0
26	62	Total PFHxS	398.9 > 79.6	9.12e1	7.18e2	0.273		3.70		1.59	3.3239	
27	63	Total PFOA	413 > 368.7	6.99e2	9.99e3	0.273		4.19		0.874	2.5676	
28	64	Total PFOS	499 > 79.9	1.83e2	2.04e3	0.273		4.70		1.12	3.3571	
29	65	Total N-MeFOSAA	570.1 > 419	0.00e0	2.79e3	0.273		5.20		0.000		
30	66	Total N-EtFOSAA	584.2 > 419	0.00e0	2.76e3	0.273		5.30		0.000		

H

Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-77.qld

Last Altered: Monday, February 05, 2018 11:17:13 Pacific Standard Time

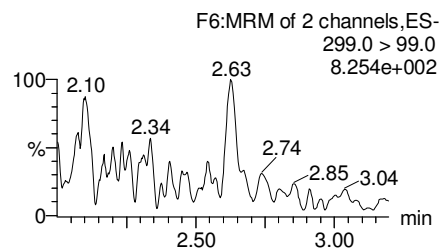
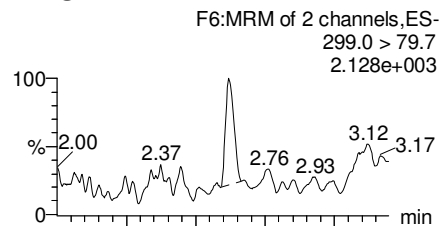
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Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 01 Feb 2018 14:12:19

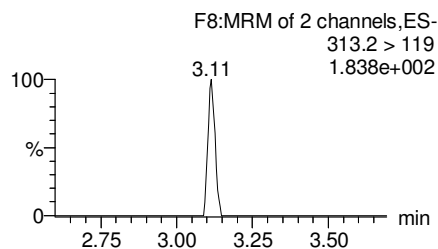
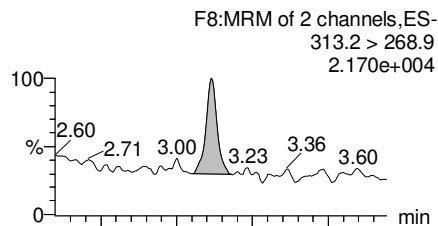
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Name: 180129M1_77, Date: 30-Jan-2018, Time: 00:48:22, ID: 1800121-03 IRSite5-GW-05W07-20180115 0.27331, Description: IRSite5-GW-05W07-20180115

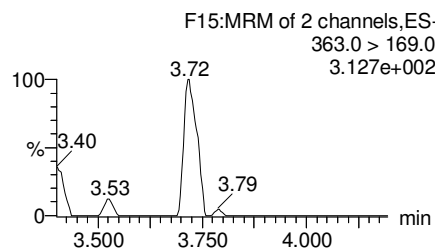
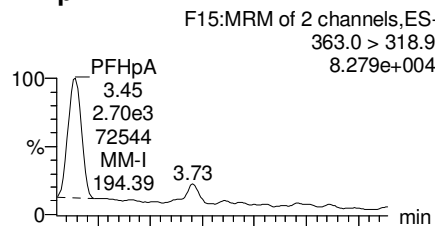
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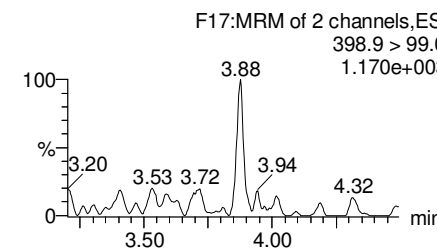
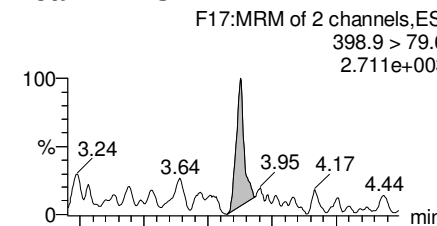
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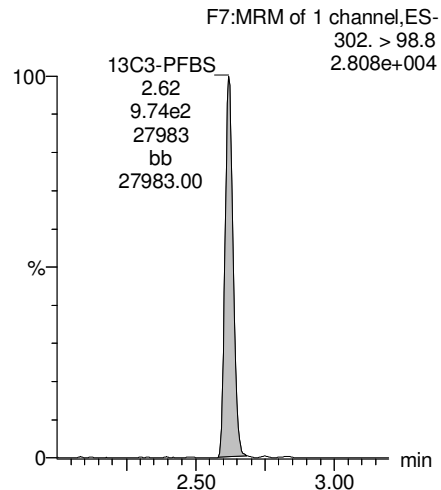
PFHpA



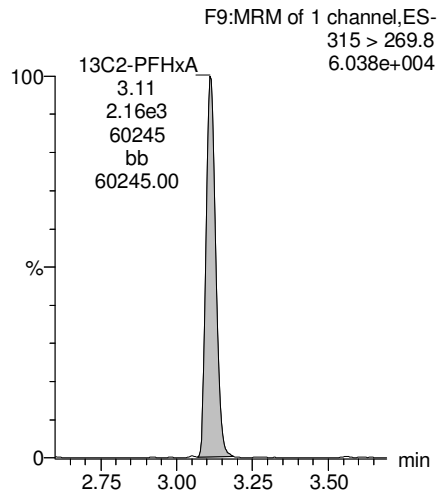
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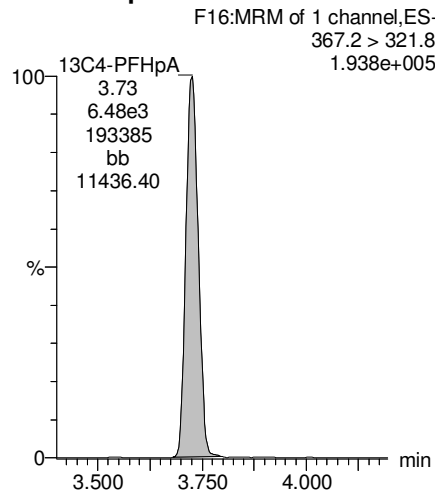
13C3-PFBS



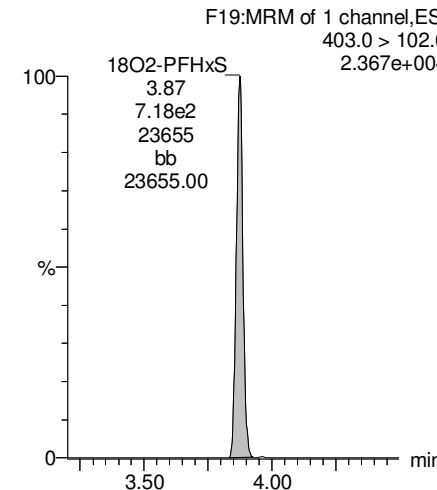
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



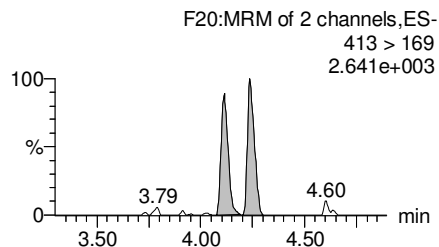
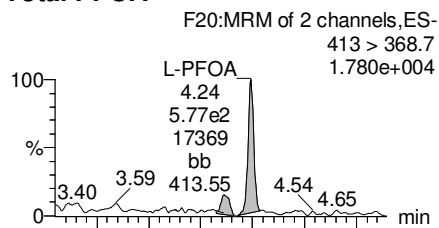
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Last Altered: Monday, February 05, 2018 11:17:13 Pacific Standard Time

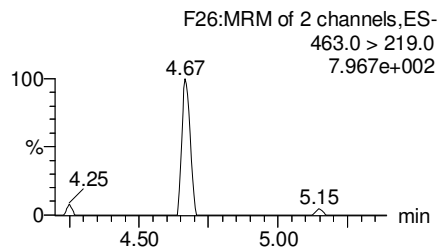
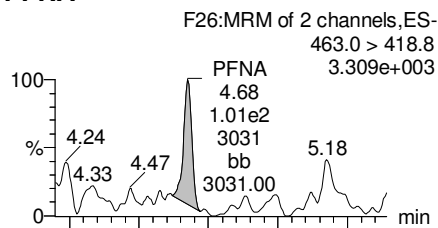
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Name: 180129M1_77, Date: 30-Jan-2018, Time: 00:48:22, ID: 1800121-03 IRSite5-GW-05W07-20180115 0.27331, Description: IRSite5-GW-05W07-20180115

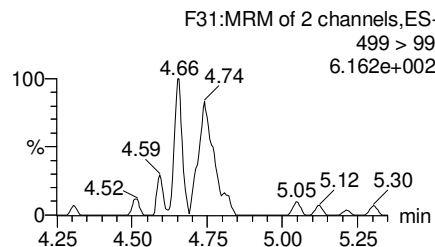
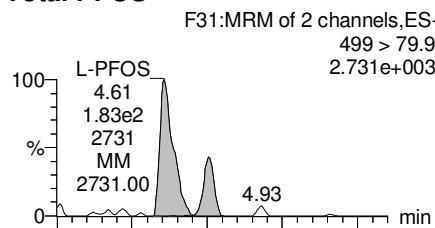
Total PFOA



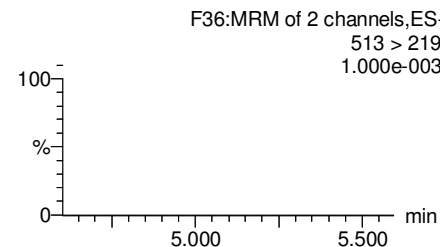
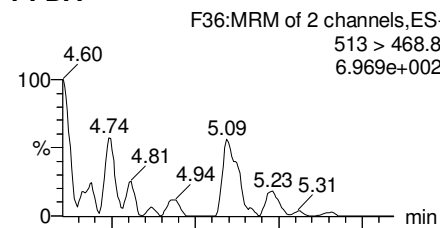
PFNA



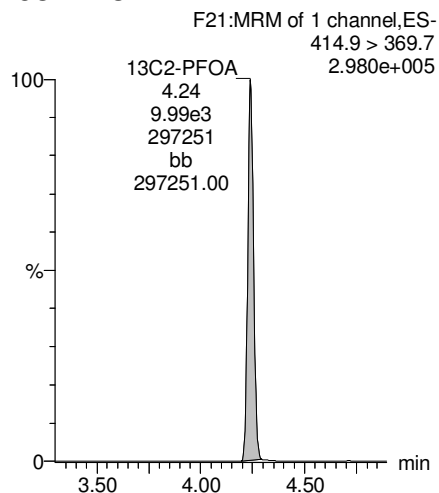
Total PFOS



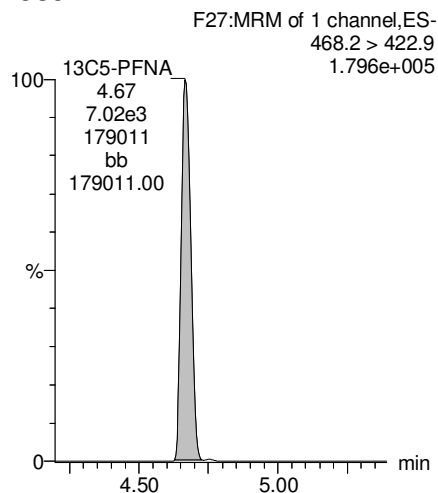
PFDA



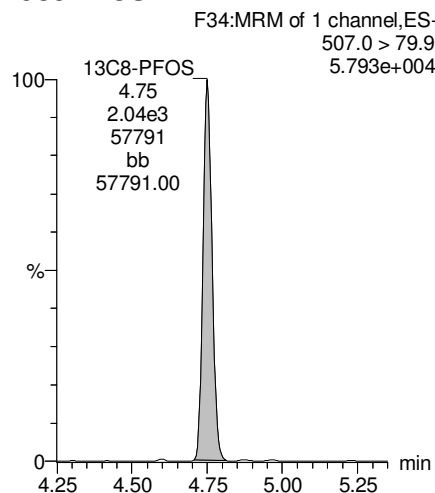
13C2-PFOA



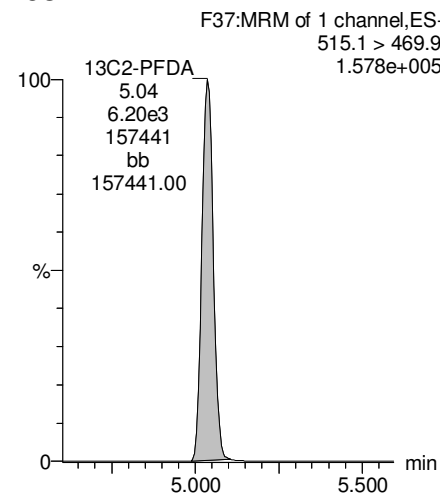
13C5-PFNA



13C8-PFOS



13C2-PFDA



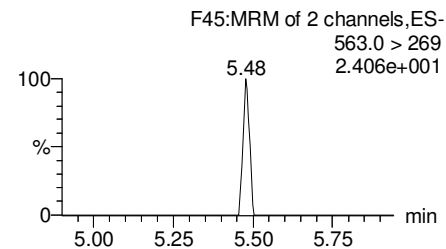
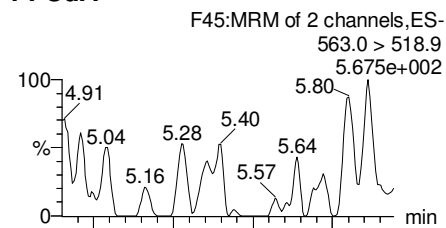
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Last Altered: Monday, February 05, 2018 11:17:13 Pacific Standard Time

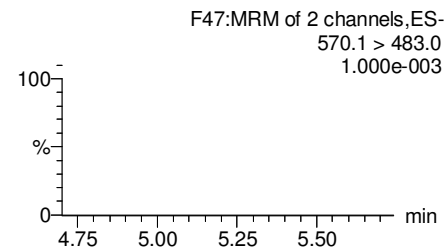
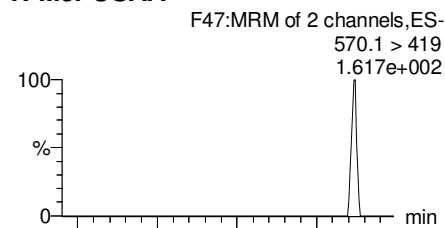
Printed: Monday, February 05, 2018 11:18:07 Pacific Standard Time

Name: 180129M1_77, Date: 30-Jan-2018, Time: 00:48:22, ID: 1800121-03 IRSite5-GW-05W07-20180115 0.27331, Description: IRSite5-GW-05W07-20180115

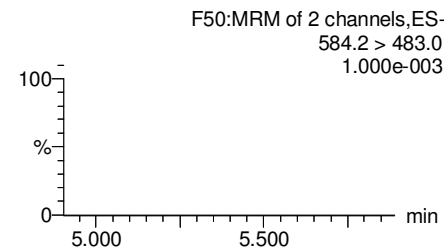
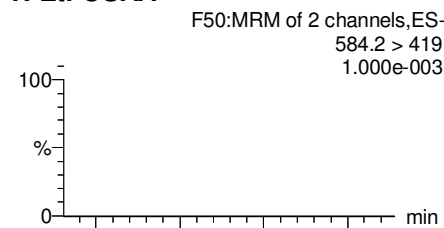
PFUdA



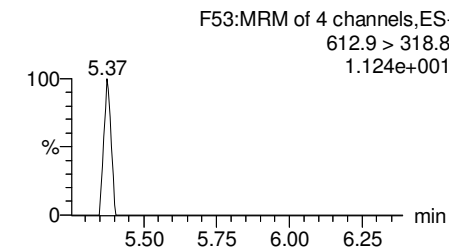
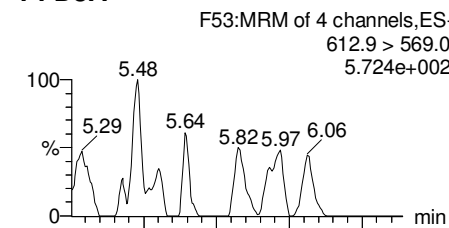
N-MeFOSAA



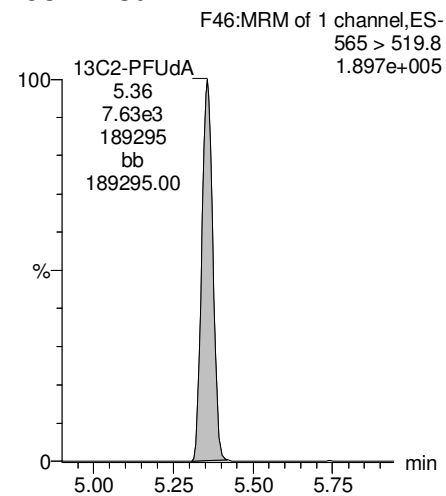
N-EtFOSAA



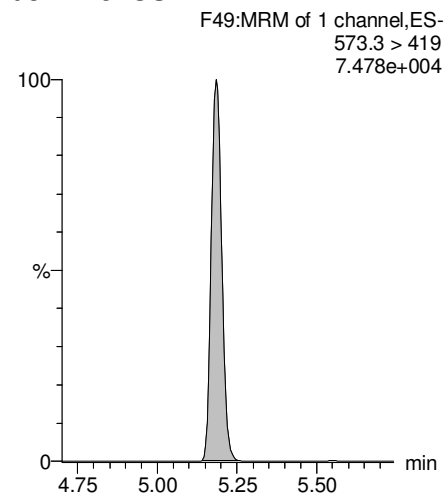
PFDaA



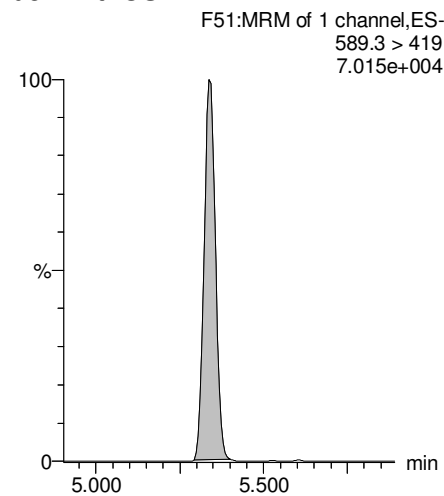
13C2-PFUdA



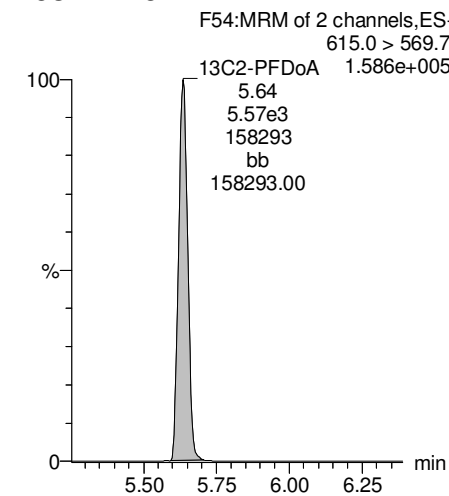
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



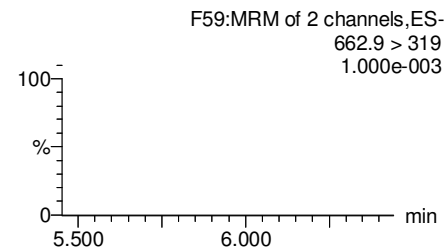
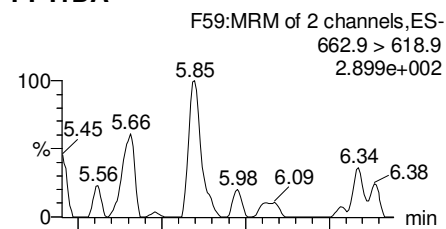
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Last Altered: Monday, February 05, 2018 11:17:13 Pacific Standard Time

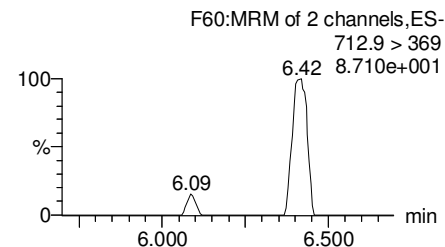
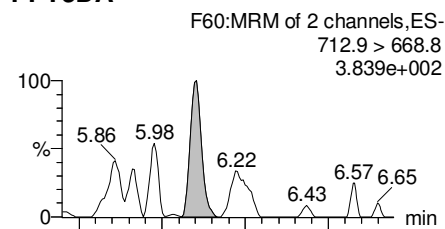
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Name: 180129M1_77, Date: 30-Jan-2018, Time: 00:48:22, ID: 1800121-03 IRSite5-GW-05W07-20180115 0.27331, Description: IRSite5-GW-05W07-20180115

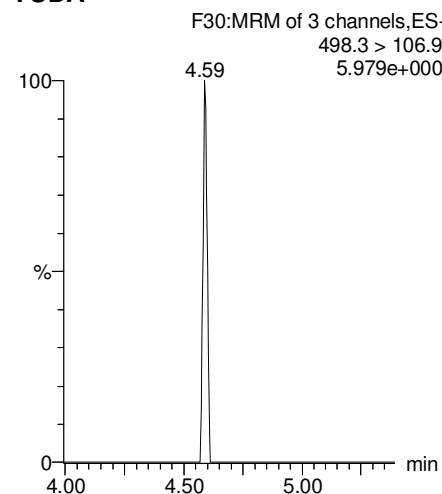
PFTrDA



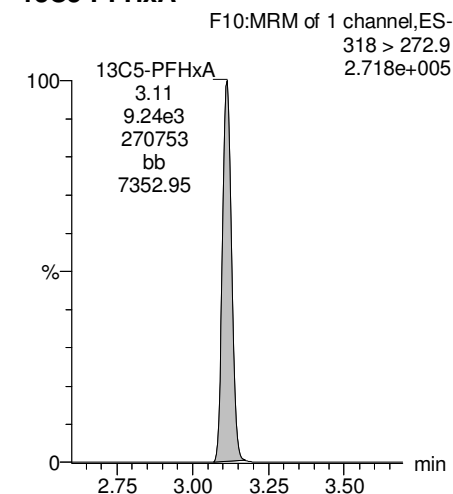
PFTeDA



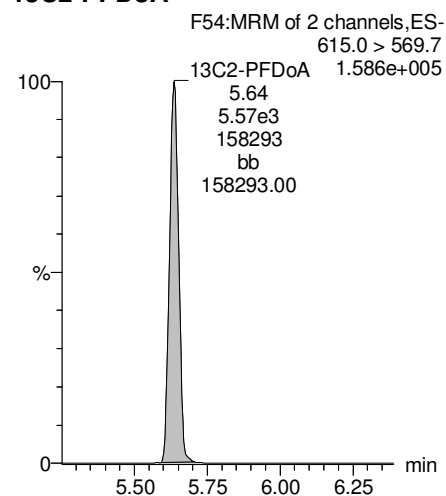
TCDA



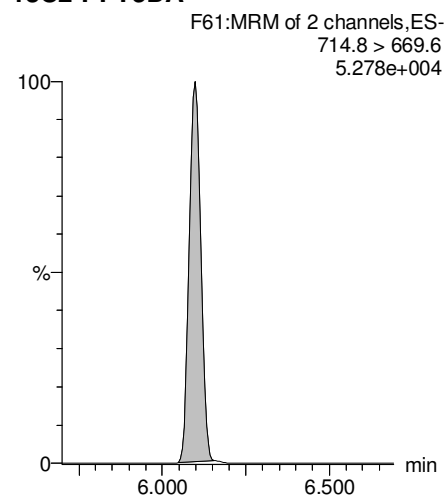
13C5-PFHxA



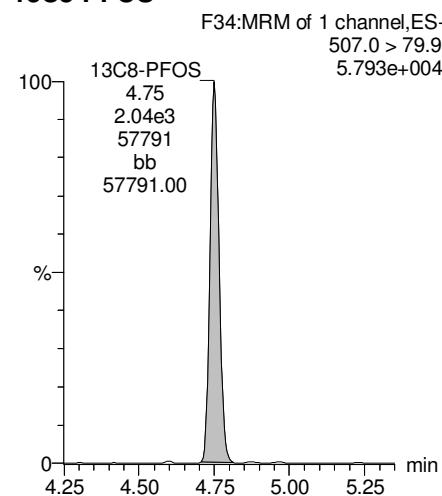
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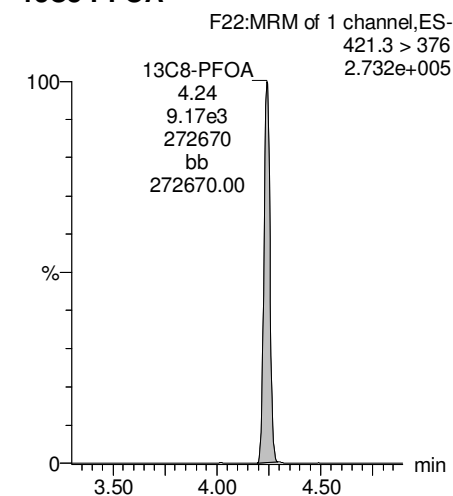
13C2-PFTeDA



13C8-PFOS



13C8-PFOA

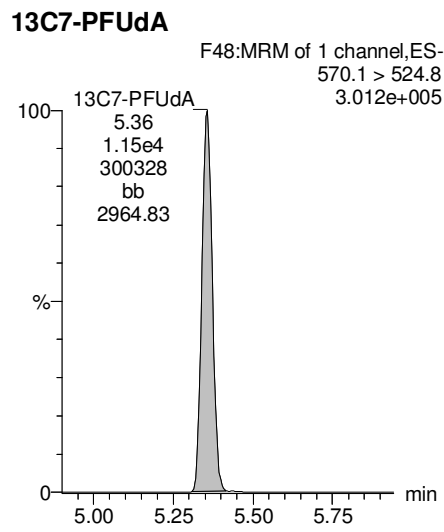
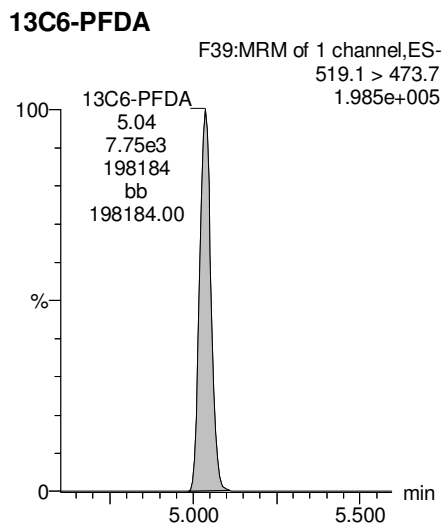
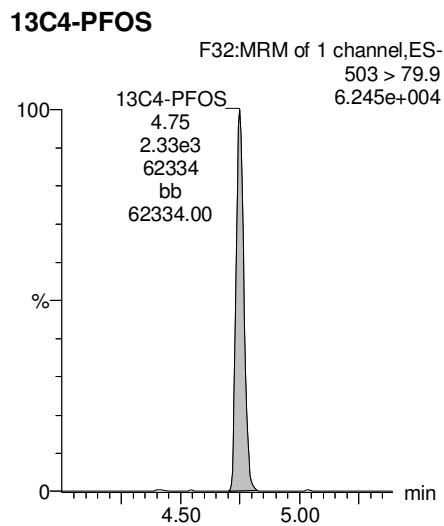
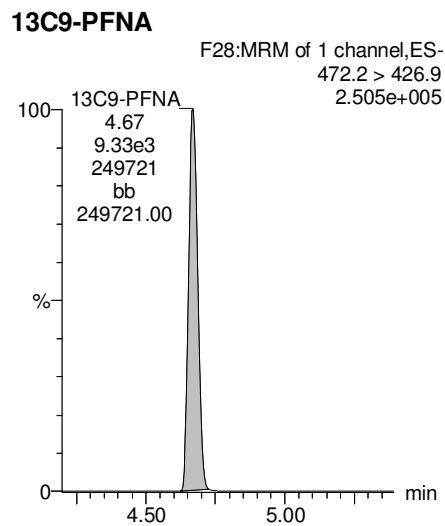
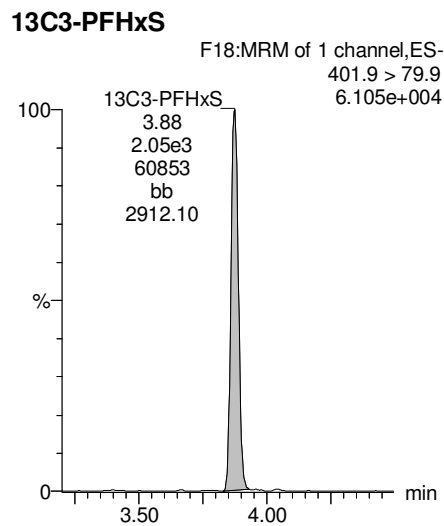


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Last Altered: Monday, February 05, 2018 11:17:13 Pacific Standard Time

Printed: Monday, February 05, 2018 11:18:07 Pacific Standard Time

Name: 180129M1_77, Date: 30-Jan-2018, Time: 00:48:22, ID: 1800121-03 IRSite5-GW-05W07-20180115 0.27331, Description: IRSite5-GW-05W07-20180115



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-33.qld

Last Altered: Monday, February 05, 2018 12:02:19 Pacific Standard Time

Printed: Monday, February 05, 2018 12:02:51 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_33, Date: 30-Jan-2018, Time: 17:40:22, ID: 1800121-04 IRSite5-GW-05W06-20180115 0.26253, Description: IRSite5-GW-05W06-20180115

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7	5.42e1	1.01e3	0.263		2.56	2.54	0.671	1.2526	
2	5 PFHxA	313.2 > 268.9	2.38e2	2.39e3	0.263		3.05	3.03	0.499	0.8243	
3	7 PFHpA	363.0 > 318.9	1.49e2	6.21e3	0.263		3.68	3.65	0.300	0.5495	
4	8 L-PFHxS	398.9 > 79.6	4.00e1	7.33e2	0.263		3.80	3.80	0.682	1.3625	
5	11 L-PFOA	413 > 368.7	3.71e2	8.81e3	0.263		4.20	4.17	0.527	1.6426	
6	14 PFNA	463.0 > 418.8	1.51e2	7.75e3	0.263		4.65	4.61	0.243	0.2451	
7	16 L-PFOS	499 > 79.9	1.17e2	2.11e3	0.263		4.75	4.55	0.693	3.0562	
8	18 PFDA	513 > 468.8		7.21e3	0.263		5.03				
9	21 N-MeFOSAA	570.1 > 419		2.59e3	0.263		5.20				
10	22 N-EtFOSAA	584.2 > 419		3.28e3	0.263		5.30				
11	23 PFUdA	563.0 > 518.9		8.77e3	0.263		5.36				

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-33.qld

Last Altered: Monday, February 05, 2018 12:02:19 Pacific Standard Time

Printed: Monday, February 05, 2018 12:03:02 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_33, Date: 30-Jan-2018, Time: 17:40:22, ID: 1800121-04 IRSite5-GW-05W06-20180115 0.26253, Description: IRSite5-GW-05W06-20180115

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	25	PFDa	612.9 > 569.0	4.22e3	0.263		5.65					
2	27	PFTDA	662.9 > 618.9	1.95e3	0.263		5.90					
3	28	PFTeDA	712.9 > 668.8	1.95e3	0.263		6.12					
4	36	13C3-PFBS	302. > 98.8	1.01e3	9.30e3	0.263	0.109	2.56	2.54	1.36	47.3322	99.4
5	37	13C2-PFHxA	315 > 269.8	2.39e3	9.30e3	0.263	0.684	3.05	3.03	3.21	17.8519	93.7
6	38	13C4-PFHpA	367.2 > 321.8	6.21e3	9.30e3	0.263	0.732	3.68	3.65	8.34	43.3839	91.1
7	39	18O2-PFHxS	403.0 > 102.6	7.33e2	2.31e3	0.263	0.318	3.80	3.81	3.98	47.5485	99.9
8	40	13C2-6:2 FTS	429.1 > 408.9	1.94e3	8.36e3	0.263	0.263	4.15	4.12	2.91	42.0794	88.4
9	41	13C2-PFOA	414.9 > 369.7	8.81e3	8.36e3	0.263	1.120	4.20	4.18	13.2	44.7870	94.1
10	42	13C5-PFNA	468.2 > 422.9	7.75e3	8.22e3	0.263	0.921	4.65	4.61	11.8	48.7875	102.5
11	43	13C8-PFOA	506.1 > 77.7	1.71e3	1.00e4	0.263	0.245	4.70	4.68	2.13	33.1763	69.7
12	44	13C8-PFOS	507.0 > 79.9	2.11e3	2.09e3	0.263	1.034	4.75	4.70	12.6	46.5734	97.8
13	45	13C2-PFDA	515.1 > 469.9	7.21e3	6.26e3	0.263	1.080	5.03	4.99	14.4	50.8042	106.7
14	46	13C2-8:2 FTS	529.1 > 508.7	1.08e3	9.30e3	0.263	0.165	5.00	4.96	1.45	33.5932	70.6
15	47	d3-N-MeFOSAA	573.3 > 419	2.59e3	1.00e4	0.263	0.398	5.20	5.14	3.23	30.9708	65.0
16	48	d5-N-EtFOSAA	589.3 > 419	3.28e3	1.00e4	0.263	0.425	5.30	5.29	4.09	36.7038	77.1
17	49	13C2-PFUDa	565 > 519.8	8.77e3	1.00e4	0.263	1.047	5.36	5.31	10.9	39.7909	83.6
18	50	13C2-PFDa	615.0 > 569.7	4.22e3	1.00e4	0.263	0.805	5.65	5.60	5.26	24.8752	52.2
19	52	13C2-PFTeDA	714.8 > 669.6	1.95e3	1.00e4	0.263	0.367	6.12	6.07	2.44	25.2879	53.1
20	57	13C4-PFBA	217. > 171.8	7.37e3	7.37e3	0.263	1.000	1.30	1.31	12.5	47.6136	100.0
21	58	13C5-PFHxA	318 > 272.9	9.30e3	9.30e3	0.263	1.000	3.05	3.03	12.5	47.6136	100.0
22	59	13C3-PFHxS	401.9 > 79.9	2.31e3	2.31e3	0.263	1.000	3.80	3.80	12.5	47.6136	100.0
23	60	13C8-PFOA	421.3 > 376	8.36e3	8.36e3	0.263	1.000	4.20	4.18	12.5	47.6136	100.0
24	61	13C9-PFNA	472.2 > 426.9	8.22e3	8.22e3	0.263	1.000	4.65	4.61	12.5	47.6136	100.0
25	62	13C4-PFOS	503 > 79.9	2.09e3	2.09e3	0.263	1.000	4.60	4.69	12.5	47.6136	100.0
26	63	13C6-PFDA	519.1 > 473.7	6.26e3	6.26e3	0.263	1.000	5.03	4.99	12.5	47.6136	100.0
27	64	13C7-PFUDa	570.1 > 524.8	1.00e4	1.00e4	0.263	1.000	5.36	5.31	12.5	47.6136	100.0
28	65	Total PFHxS	398.9 > 79.6	4.00e1	7.33e2	0.263		3.70		0.682	1.3625	
29	66	Total PFOA	413 > 368.7	3.71e2	8.81e3	0.263		4.20		0.527	1.6426	
30	67	Total PFOS	499 > 79.9	1.17e2	2.11e3	0.263		4.70		0.693	3.0562	
31	68	Total N-MeFOSAA	570.1 > 419	0.00e0	2.59e3	0.263		5.20		0.000		
32	69	Total N-EtFOSAA	584.2 > 419	0.00e0	3.28e3	0.263		5.30		0.000		

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-33.qld

Last Altered: Monday, February 05, 2018 12:02:19 Pacific Standard Time

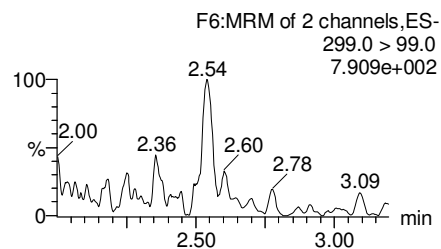
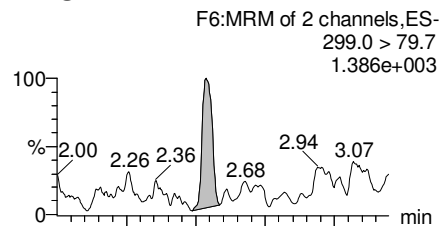
Printed: Monday, February 05, 2018 12:03:02 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

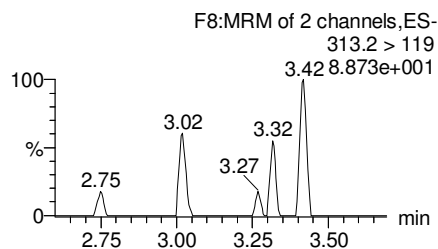
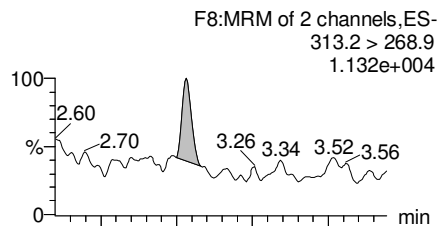
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_33, Date: 30-Jan-2018, Time: 17:40:22, ID: 1800121-04 IRSite5-GW-05W06-20180115 0.26253, Description: IRSite5-GW-05W06-20180115

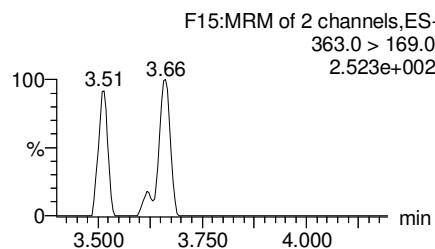
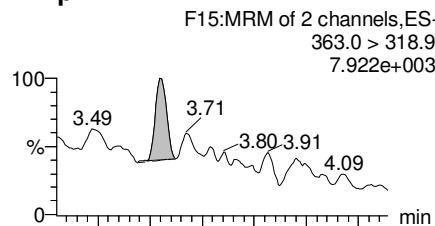
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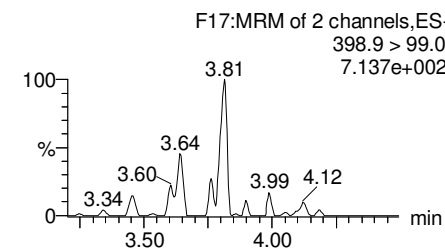
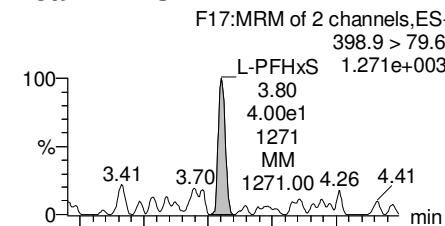
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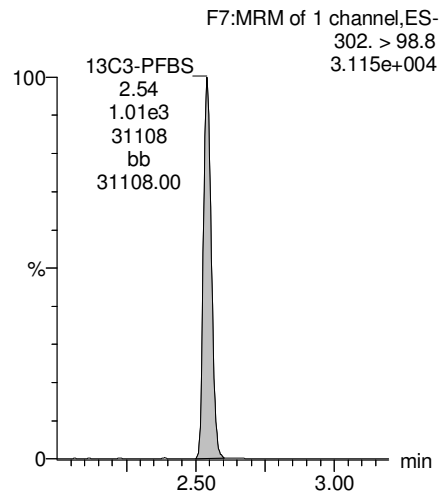
PFHpA



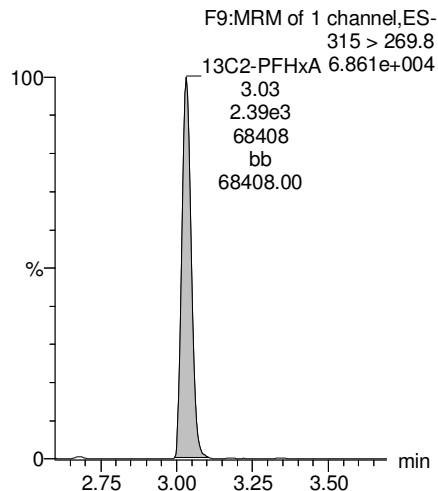
Total PFHxS



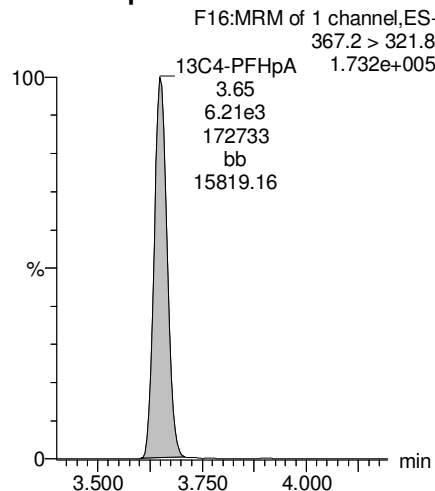
13C3-PFBS



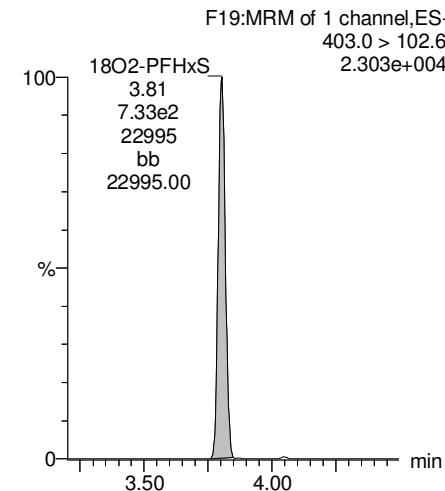
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



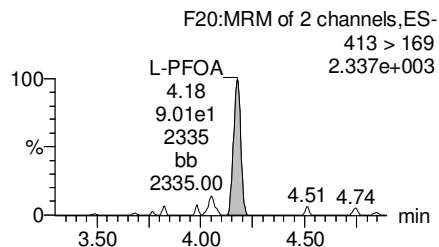
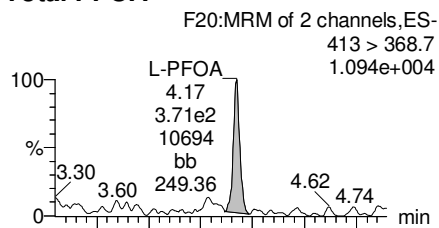
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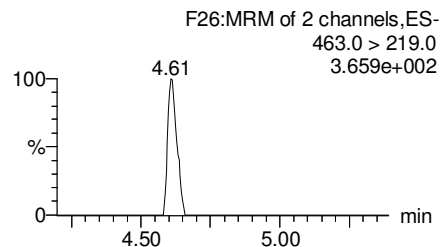
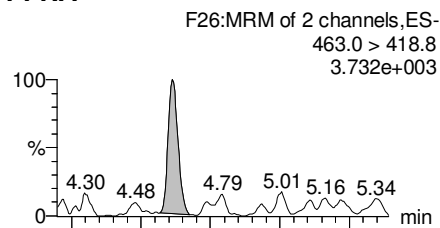
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Name: 180130M2_33, Date: 30-Jan-2018, Time: 17:40:22, ID: 1800121-04 IRSite5-GW-05W06-20180115 0.26253, Description: IRSite5-GW-05W06-20180115

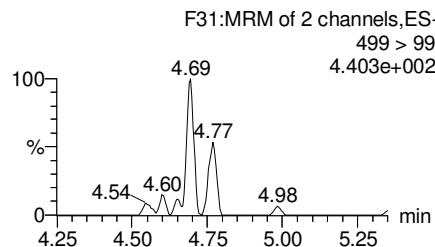
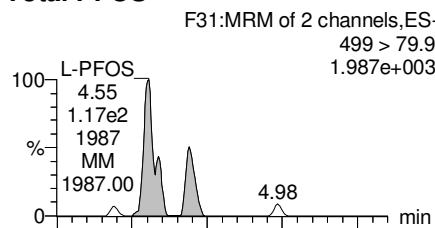
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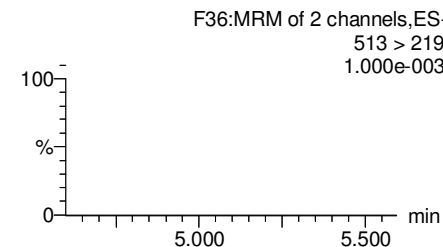
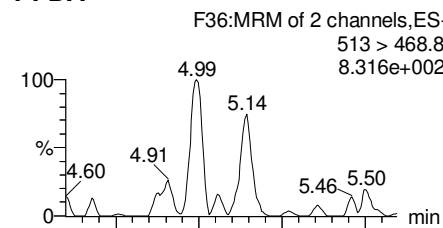
PFNA



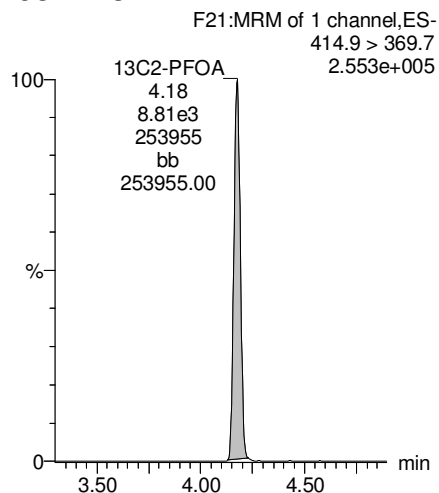
Total PFOS



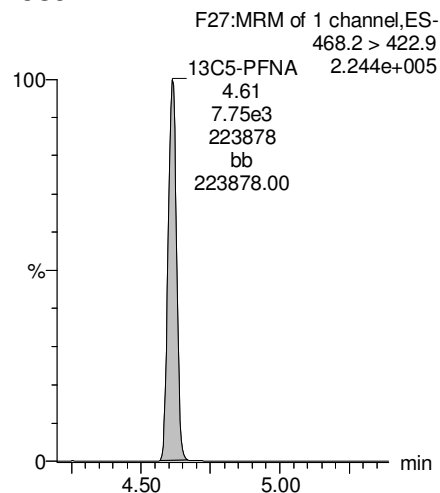
PFDA



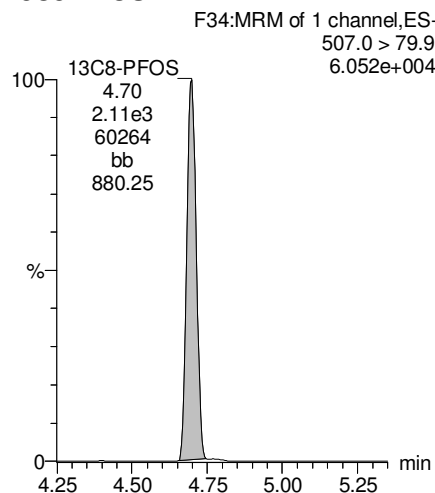
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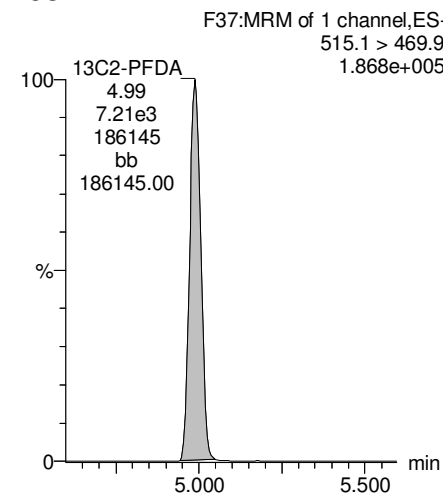
13C5-PFNA



13C8-PFOS



13C2-PFDA



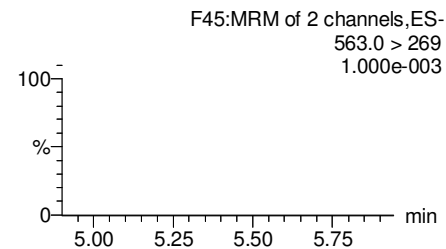
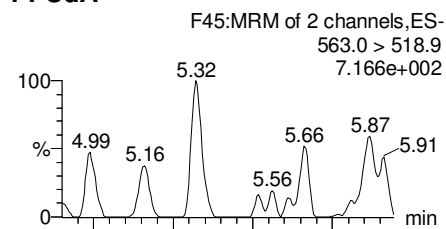
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Last Altered: Monday, February 05, 2018 12:02:19 Pacific Standard Time

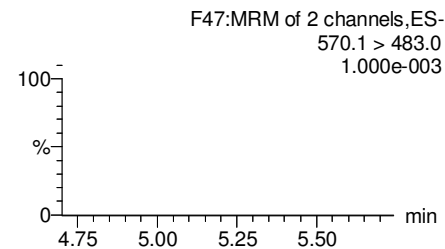
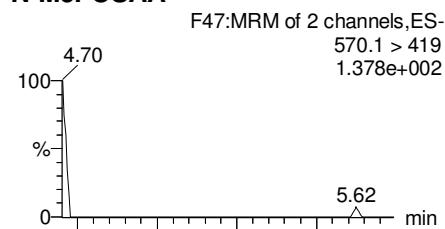
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Name: 180130M2_33, Date: 30-Jan-2018, Time: 17:40:22, ID: 1800121-04 IRSite5-GW-05W06-20180115 0.26253, Description: IRSite5-GW-05W06-20180115

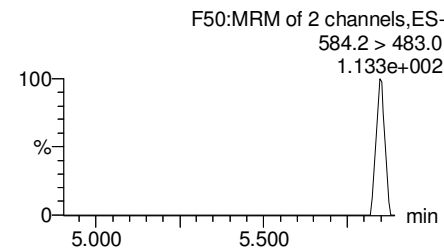
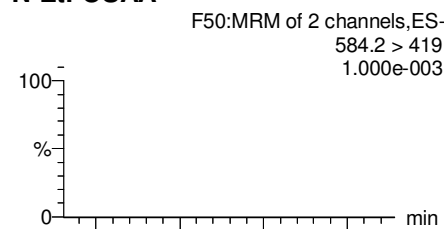
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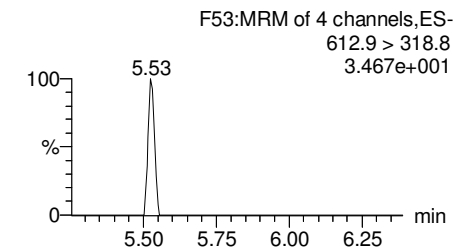
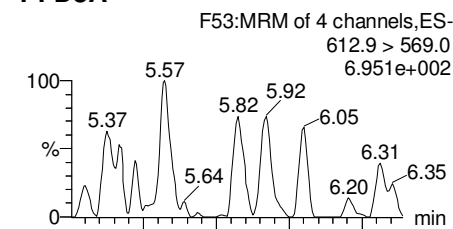
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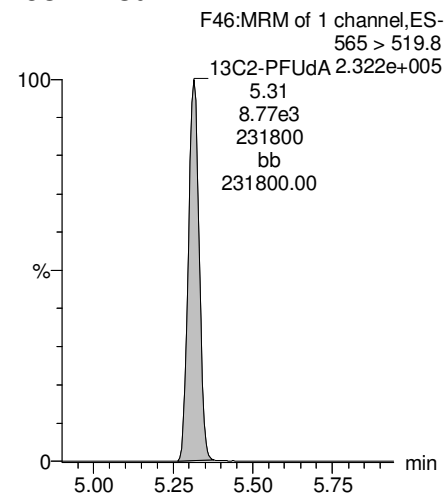
N-EtFOSAA



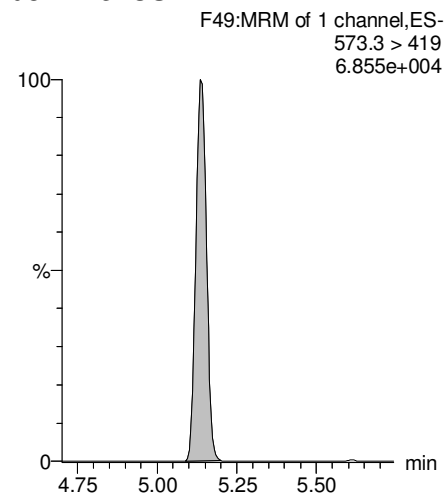
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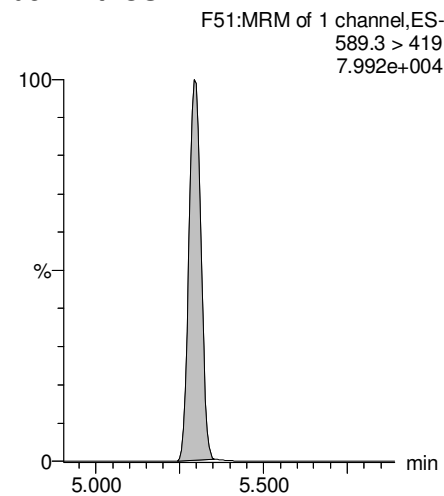
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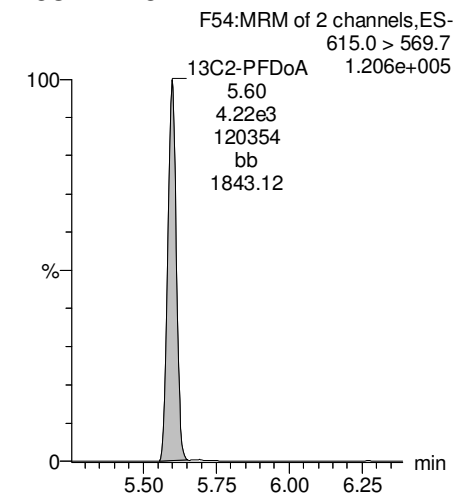
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



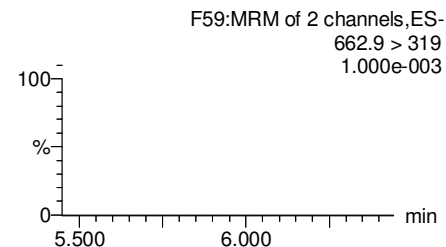
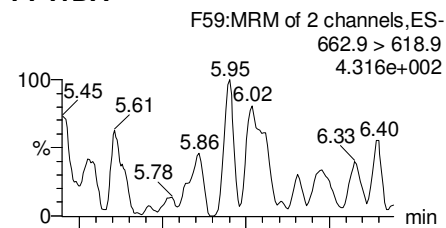
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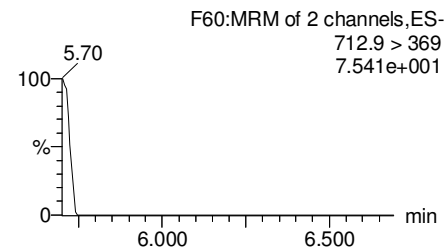
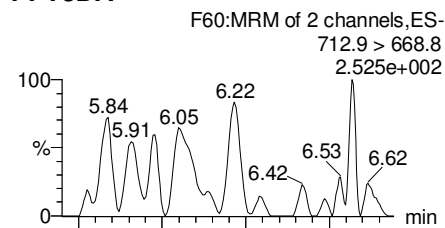
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Name: 180130M2_33, Date: 30-Jan-2018, Time: 17:40:22, ID: 1800121-04 IRSite5-GW-05W06-20180115 0.26253, Description: IRSite5-GW-05W06-20180115

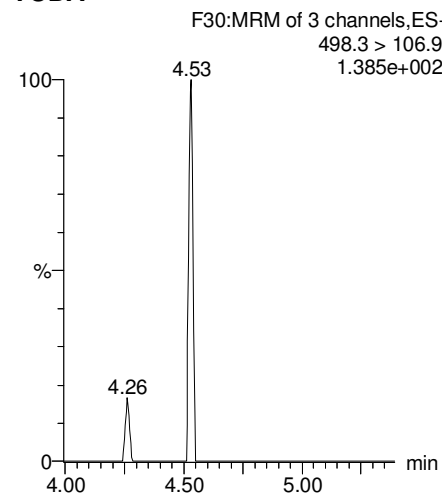
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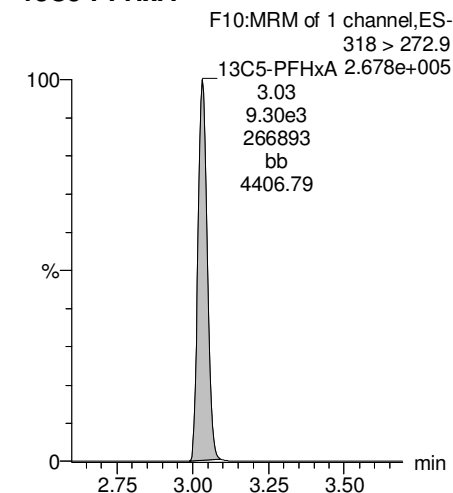
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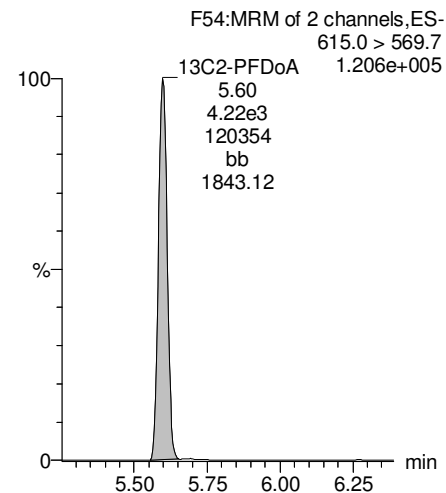
TCDA



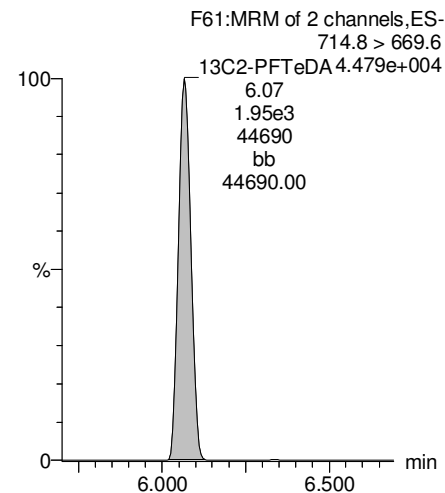
13C5-PFHxA



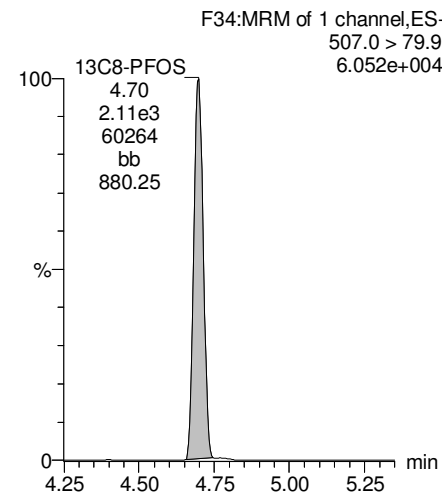
13C2-PFDoA



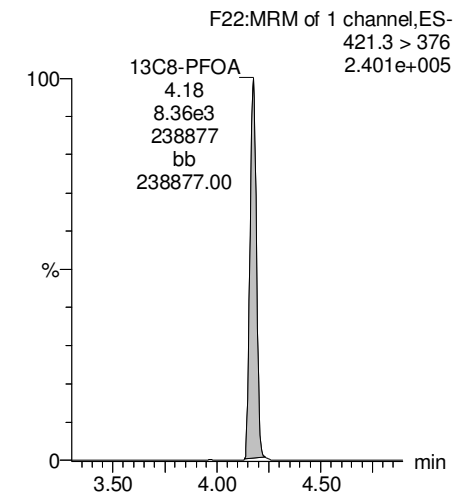
13C2-PFTeDA



13C8-PFOS



13C8-PFOA



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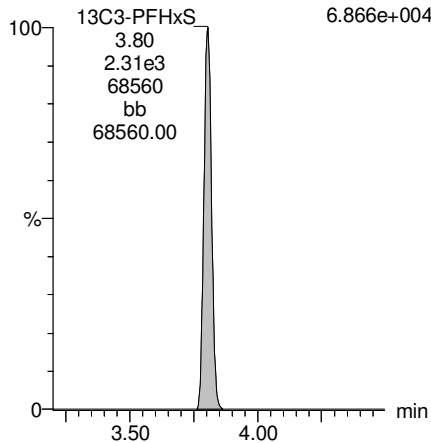
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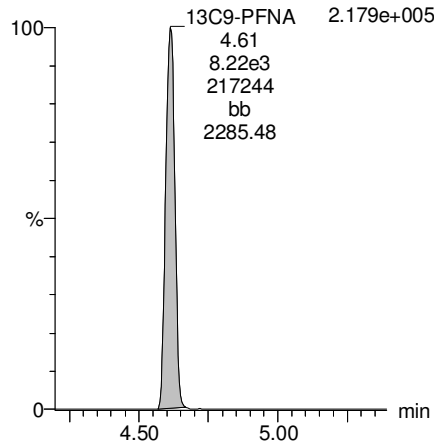
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
6.866e+004



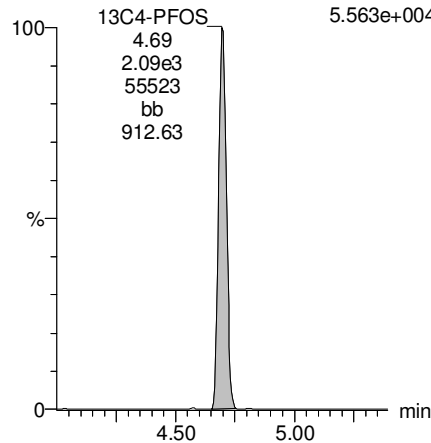
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
2.179e+005



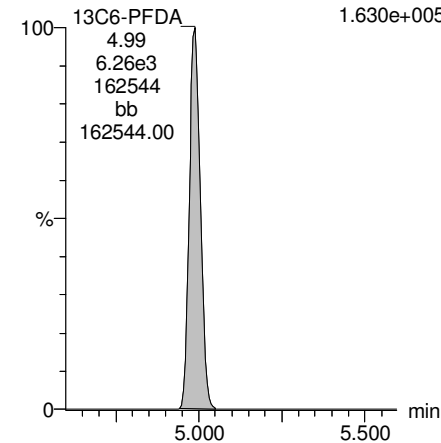
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
5.563e+004



13C6-PFDA

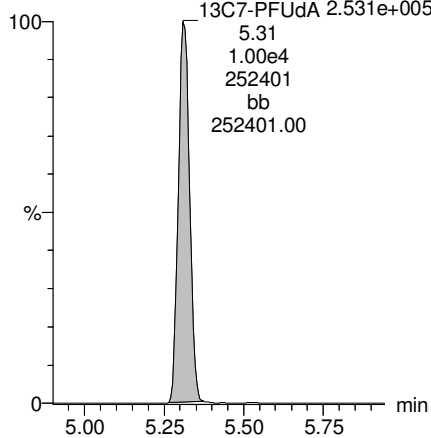
F39:MRM of 1 channel,ES-
519.1 > 473.7
1.630e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8

13C7-PFUdA 2.531e+005
5.31
1.00e4
252401
bb
252401.00



Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-79.qld

Last Altered: Monday, February 05, 2018 14:57:44 Pacific Standard Time

Printed: Monday, February 05, 2018 14:58:23 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 01 Feb 2018 14:12:19

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Name: 180129M1_79, Date: 30-Jan-2018, Time: 01:11:23, ID: 1800121-05 IRSite5-GW-05W08-20180115 0.26783, Description: IRSite5-GW-05W08-20180115

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7	1.41e2	1.06e3	0.268		2.56	2.62	1.67	3.2570	
2	4 PFHxA	313.2 > 268.9	2.93e2	2.75e3	0.268		3.05	3.11	0.533	1.0164	
3	5 PFHpA	363.0 > 318.9		6.97e3	0.268		3.68				
4	6 L-PFHxS	398.9 > 79.6	6.95e1	6.87e2	0.268		3.80	3.87	1.27	2.7197	
5	9 L-PFOA	413 > 368.7	3.66e2	8.98e3	0.268		4.20	4.12	0.509	1.5826	
6	12 PFNA	463.0 > 418.8		8.08e3	0.268		4.65				
7	14 L-PFOS	499 > 79.9		2.13e3	0.268		4.75				
8	16 PFDA	513 > 468.8		6.28e3	0.268		5.03				
9	18 N-MeFOSAA	570.1 > 419		2.94e3	0.268		5.20				
10	19 N-EtFOSAA	584.2 > 419		3.00e3	0.268		5.30				
11	20 PFUdA	563.0 > 518.9		8.43e3	0.268		5.36				
12	22 PFDaA	612.9 > 569.0		4.10e3	0.268		5.65				

Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-79.qld

Last Altered: Monday, February 05, 2018 14:57:44 Pacific Standard Time

Printed: Monday, February 05, 2018 14:58:34 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 01 Feb 2018 14:12:19

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Name: 180129M1_79, Date: 30-Jan-2018, Time: 01:11:23, ID: 1800121-05 IRSite5-GW-05W08-20180115 0.26783, Description: IRSite5-GW-05W08-20180115

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	24	PFTrDA	662.9 > 618.9	4.10e3	0.268		5.90					
2	25	PFTeDA	712.9 > 668.8	2.03e3	0.268		6.12					
3	33	13C3-PFBS	302. > 98.8	1.06e3	9.90e3	0.268	0.106	2.56	2.62	1.33	47.1945	101.1
4	34	13C2-PFHxA	315 > 269.8	2.75e3	9.90e3	0.268	0.705	3.05	3.11	3.47	18.3869	98.5
5	35	13C4-PFHpA	367.2 > 321.8	6.97e3	9.90e3	0.268	0.688	3.68	3.73	8.80	47.8115	102.4
6	36	18O2-PFHxS	403.0 > 102.6	6.87e2	2.61e3	0.268	0.348	3.80	3.88	3.29	35.2938	75.6
7	37	13C2-6:2 FTS	429.1 > 408.9	1.71e3	9.38e3	0.268	0.238	4.15	4.19	2.28	35.7681	76.6
8	38	13C2-PFOA	414.9 > 369.7	8.98e3	9.38e3	0.268	1.190	4.20	4.24	12.0	37.5542	80.5
9	39	13C5-PFNA	468.2 > 422.9	8.08e3	9.37e3	0.268	0.999	4.65	4.67	10.8	40.3176	86.4
10	40	13C8-PFOSA	506.1 > 77.7	1.38e3	9.90e3	0.268	0.211	4.70	4.75	1.74	30.8035	66.0
11	41	13C8-PFOS	507.0 > 79.9	2.13e3	2.18e3	0.268	0.957	4.75	4.75	12.2	47.6090	102.0
12	42	13C2-PFDA	515.1 > 469.9	6.28e3	7.05e3	0.268	0.965	5.03	5.04	11.1	43.0391	92.2
13	43	13C2-8:2 FTS	529.1 > 508.7	1.31e3	9.90e3	0.268	0.162	5.00	5.01	1.65	38.1193	81.7
14	44	d3-N-MeFOSAA	573.3 > 419	2.94e3	9.90e3	0.268	0.398	5.20	5.18	3.71	34.7691	74.5
15	45	d5-N-EtFOSAA	589.3 > 419	3.00e3	9.90e3	0.268	0.435	5.30	5.34	3.78	32.4632	69.6
16	46	13C2-PFUdA	565 > 519.8	8.43e3	9.90e3	0.268	1.057	5.36	5.36	10.6	37.6164	80.6
17	47	13C2-PFDoA	615.0 > 569.7	4.10e3	9.90e3	0.268	0.851	5.65	5.64	5.17	22.6925	48.6
18	49	13C2-PFTeDA	714.8 > 669.6	2.03e3	9.90e3	0.268	0.403	6.12	6.10	2.56	23.7036	50.8
19	55	13C5-PFHxA	318 > 272.9	9.90e3	9.90e3	0.268	1.000	3.05	3.11	12.5	46.6714	100.0
20	56	13C3-PFHxS	401.9 > 79.9	2.61e3	2.61e3	0.268	1.000	3.80	3.88	12.5	46.6714	100.0
21	57	13C8-PFOA	421.3 > 376	9.38e3	9.38e3	0.268	1.000	4.20	4.24	12.5	46.6714	100.0
22	58	13C9-PFNA	472.2 > 426.9	9.37e3	9.37e3	0.268	1.000	4.65	4.67	12.5	46.6714	100.0
23	59	13C4-PFOS	503 > 79.9	2.18e3	2.18e3	0.268	1.000	4.60	4.76	12.5	46.6714	100.0
24	60	13C6-PFDA	519.1 > 473.7	7.05e3	7.05e3	0.268	1.000	5.03	5.04	12.5	46.6714	100.0
25	61	13C7-PFUdA	570.1 > 524.8	9.90e3	9.90e3	0.268	1.000	5.36	5.36	12.5	46.6714	100.0
26	62	Total PFHxS	398.9 > 79.6	6.95e1	6.87e2	0.268		3.70		1.27	2.7197	
27	63	Total PFOA	413 > 368.7	3.66e2	8.98e3	0.268		4.19		0.509	1.5826	
28	64	Total PFOS	499 > 79.9	0.00e0	2.13e3	0.268		4.70		0.000		
29	65	Total N-MeFOSAA	570.1 > 419	0.00e0	2.94e3	0.268		5.20		0.000		
30	66	Total N-EtFOSAA	584.2 > 419	0.00e0	3.00e3	0.268		5.30		0.000		

Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-79.qld

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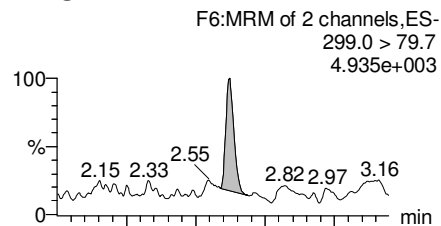
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Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 01 Feb 2018 14:12:19

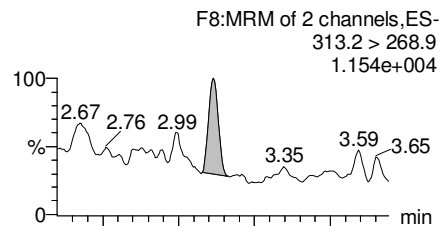
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Name: 180129M1_79, Date: 30-Jan-2018, Time: 01:11:23, ID: 1800121-05 IRSite5-GW-05W08-20180115 0.26783, Description: IRSite5-GW-05W08-20180115

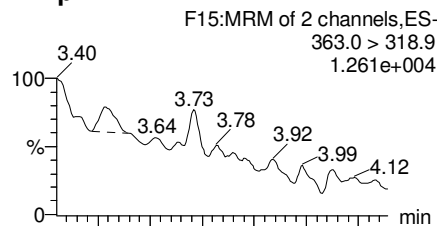
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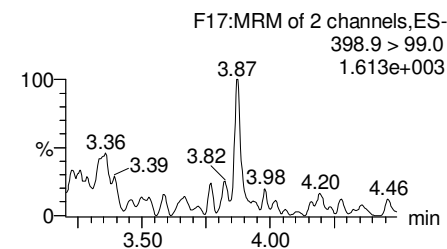
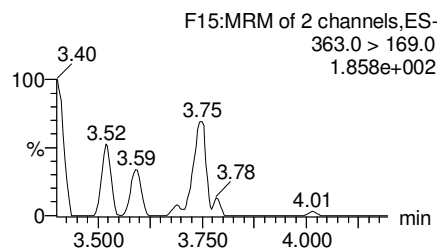
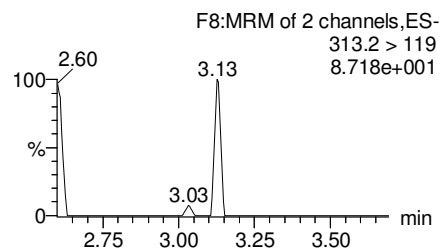
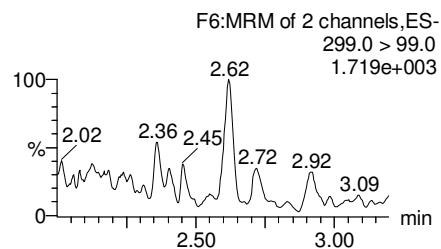
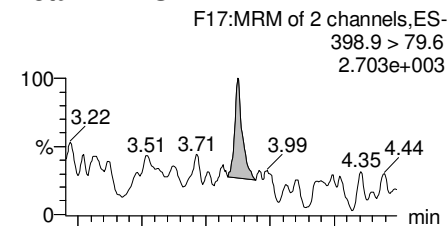
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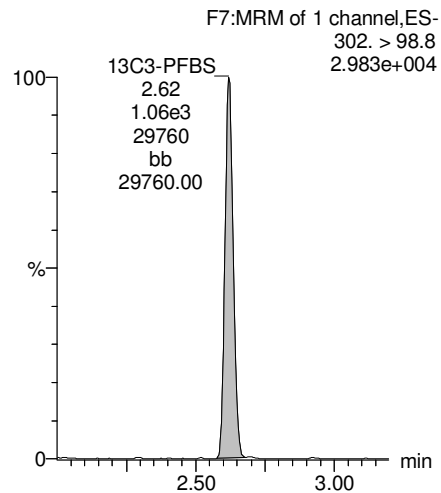
PFHpA



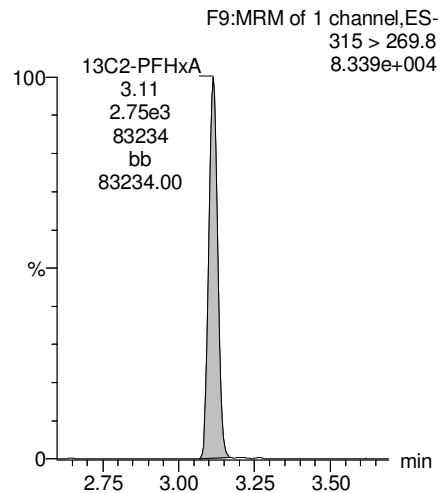
Total PFHxS



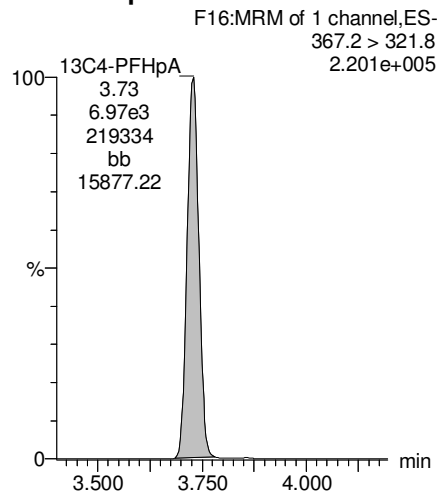
13C3-PFBS



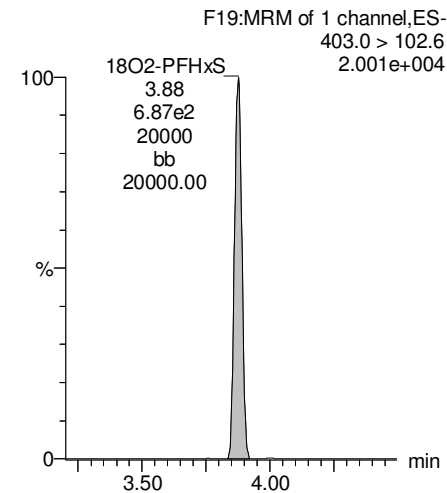
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



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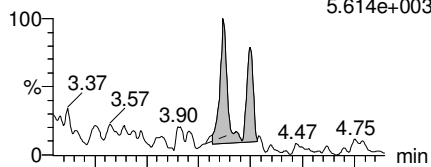
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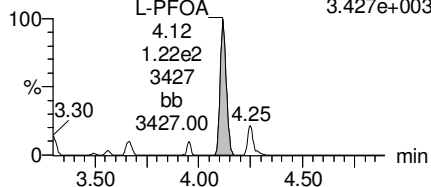
Name: 180129M1_79, Date: 30-Jan-2018, Time: 01:11:23, ID: 1800121-05 IRSite5-GW-05W08-20180115 0.26783, Description: IRSite5-GW-05W08-20180115

Total PFOA

F20:MRM of 2 channels,ES-
413 > 368.7
5.614e+003

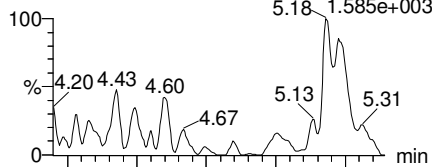


F20:MRM of 2 channels,ES-
413 > 169
3.427e+003

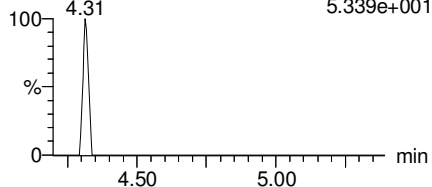


PFNA

F26:MRM of 2 channels,ES-
463.0 > 418.8
1.585e+003

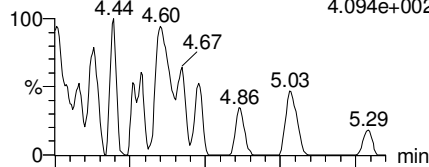


F26:MRM of 2 channels,ES-
463.0 > 219.0
5.339e+001

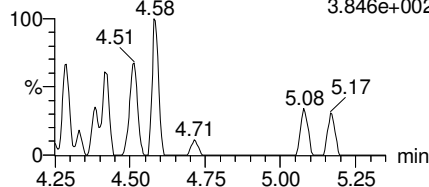


Total PFOS

F31:MRM of 2 channels,ES-
499 > 79.9
4.094e+002

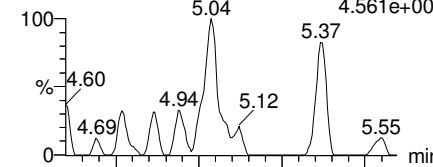


F31:MRM of 2 channels,ES-
499 > 99
3.846e+002

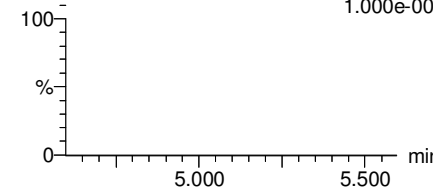


PFDA

F36:MRM of 2 channels,ES-
513 > 468.8
4.561e+002

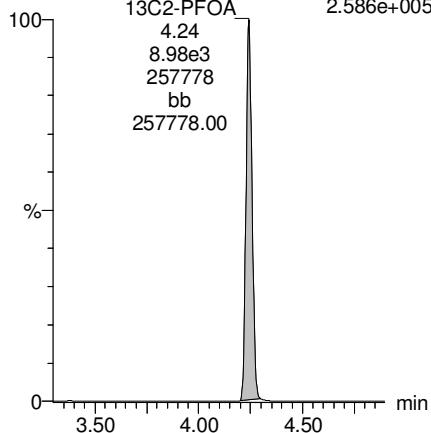


F36:MRM of 2 channels,ES-
513 > 219
1.000e+003



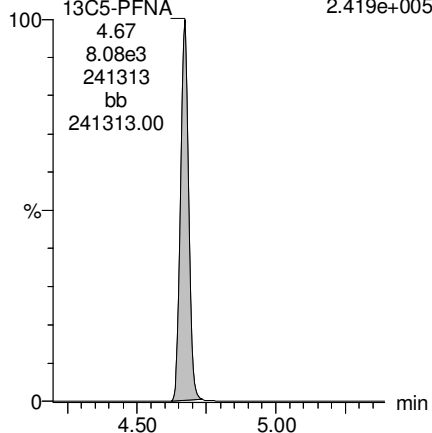
13C2-PFOA

F21:MRM of 1 channel,ES-
414.9 > 369.7
2.586e+005



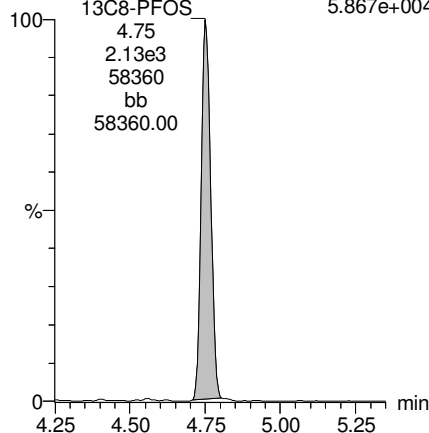
13C5-PFNA

F27:MRM of 1 channel,ES-
468.2 > 422.9
2.419e+005



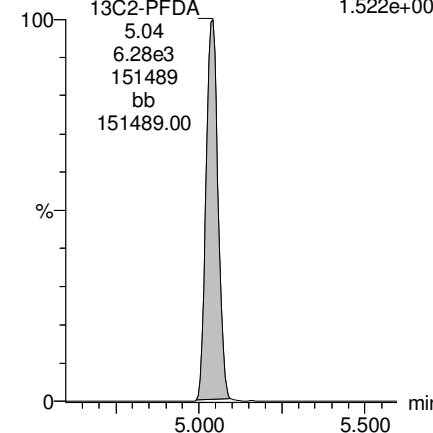
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9
5.867e+004



13C2-PFDA

F37:MRM of 1 channel,ES-
515.1 > 469.9
1.522e+005



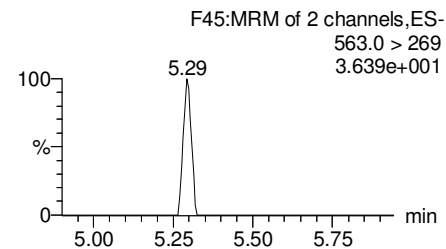
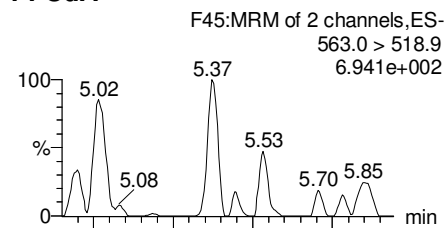
Dataset: Z:\Projects\PFAS.PRO\Results\180129M1\180129M1-79.qld

Last Altered: Monday, February 05, 2018 14:57:44 Pacific Standard Time

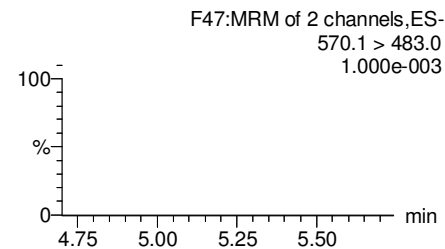
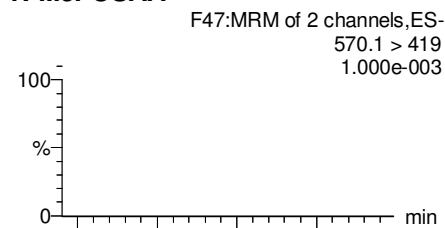
Printed: Monday, February 05, 2018 14:58:34 Pacific Standard Time

Name: 180129M1_79, Date: 30-Jan-2018, Time: 01:11:23, ID: 1800121-05 IRSite5-GW-05W08-20180115 0.26783, Description: IRSite5-GW-05W08-20180115

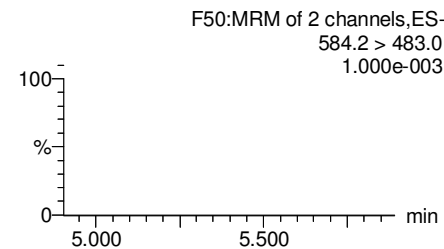
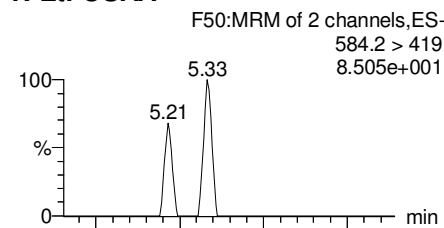
PFUdA



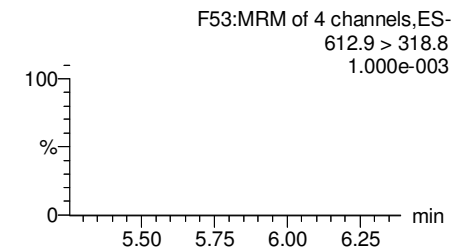
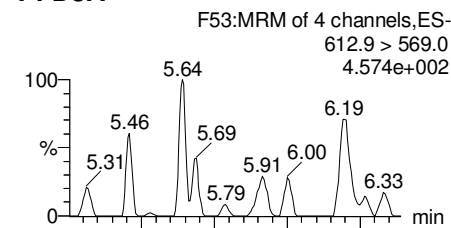
N-MeFOSAA



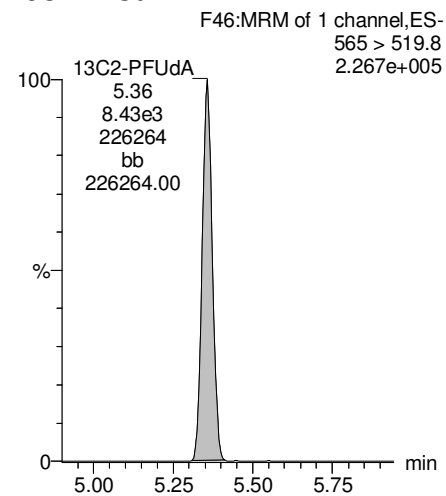
N-EtFOSAA



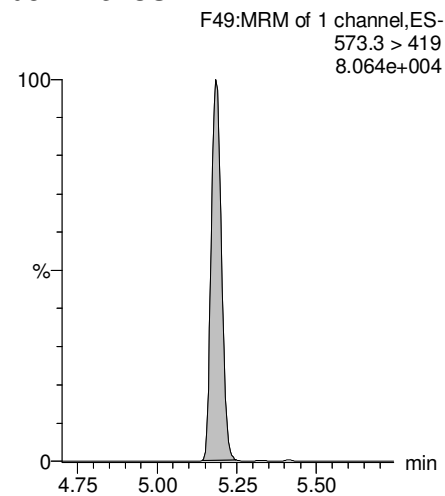
PFDaA



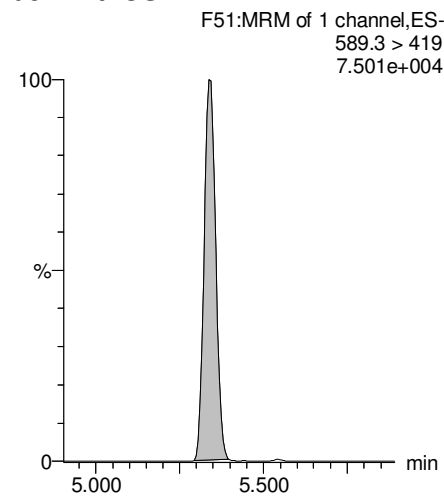
13C2-PFUdA



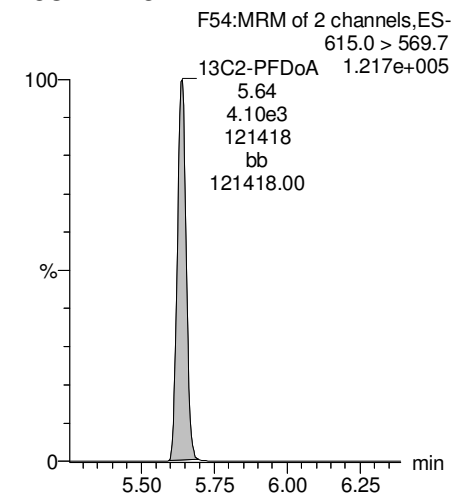
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



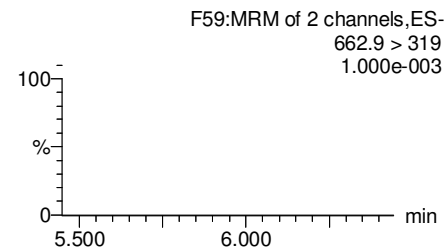
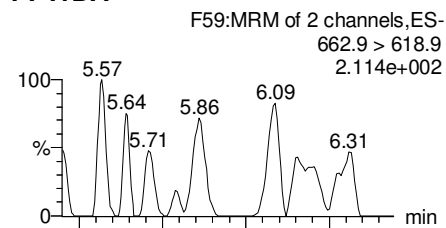
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Last Altered: Monday, February 05, 2018 14:57:44 Pacific Standard Time

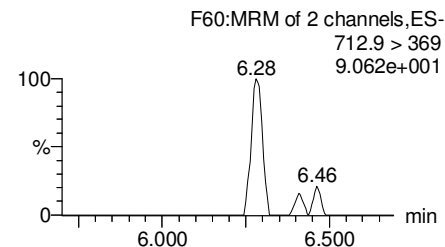
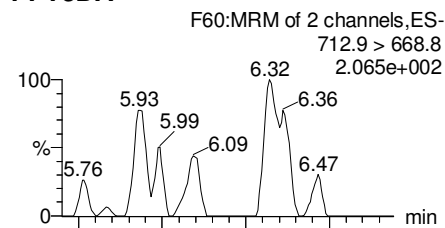
Printed: Monday, February 05, 2018 14:58:34 Pacific Standard Time

Name: 180129M1_79, Date: 30-Jan-2018, Time: 01:11:23, ID: 1800121-05 IRSite5-GW-05W08-20180115 0.26783, Description: IRSite5-GW-05W08-20180115

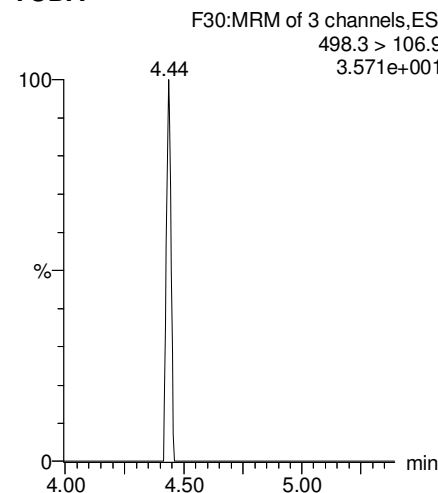
PFTrDA



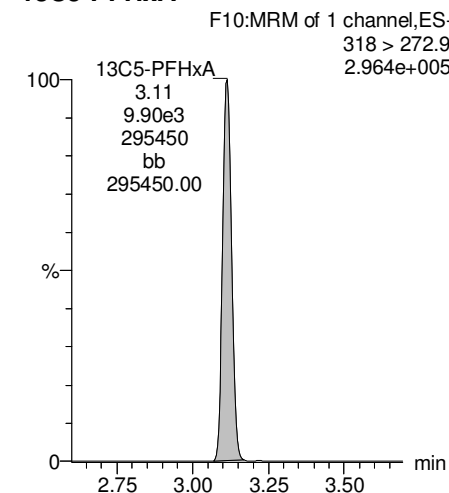
PFTeDA



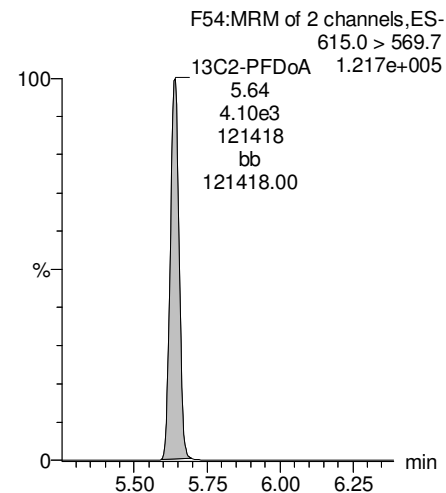
TCDA



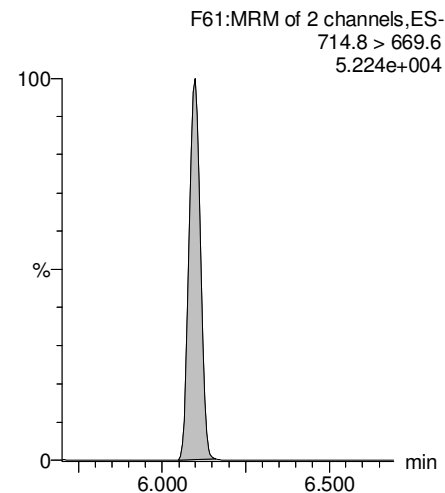
13C5-PFHxA



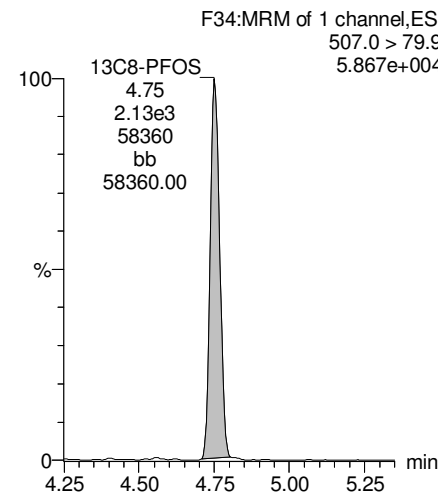
13C2-PFDoA



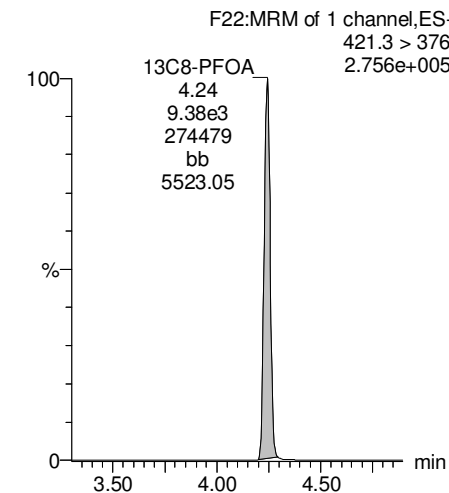
13C2-PFTeDA



13C8-PFOS



13C8-PFOA

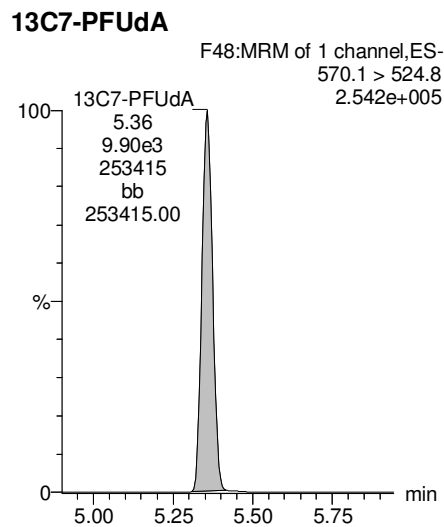
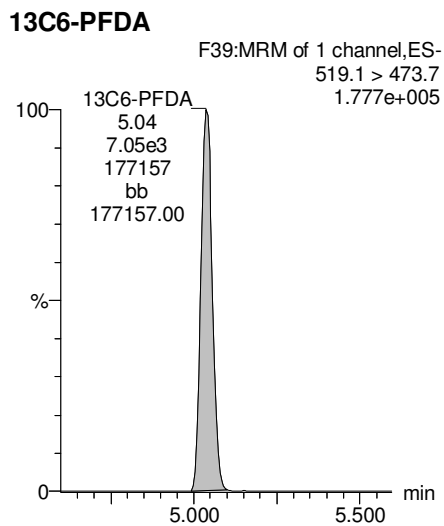
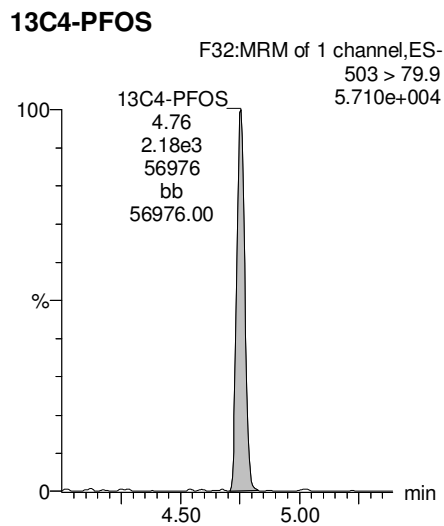
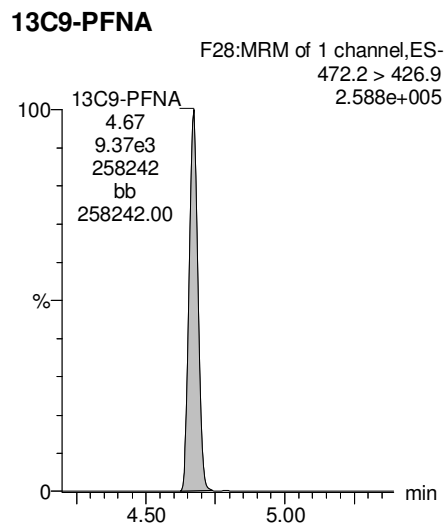
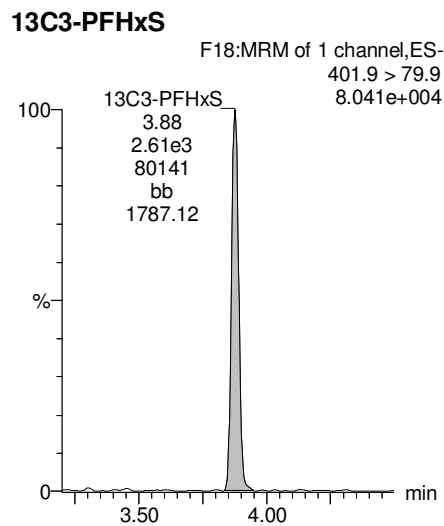


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Last Altered: Monday, February 05, 2018 14:57:44 Pacific Standard Time

Printed: Monday, February 05, 2018 14:58:34 Pacific Standard Time

Name: 180129M1_79, Date: 30-Jan-2018, Time: 01:11:23, ID: 1800121-05 IRSite5-GW-05W08-20180115 0.26783, Description: IRSite5-GW-05W08-20180115



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-34.qld

Last Altered: Monday, February 05, 2018 12:03:44 Pacific Standard Time

Printed: Monday, February 05, 2018 12:04:47 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_34, Date: 30-Jan-2018, Time: 17:51:52, ID: 1800121-06 IRSite5-GW-05W01-20180115 0.27608, Description: IRSite5-GW-05W01-20180115

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7	2.06e2	1.07e3	0.276		2.56	2.53	2.40	4.6715	
2	5 PFHxA	313.2 > 268.9	1.74e3	2.50e3	0.276		3.05	3.03	3.49	7.5947	
3	7 PFHpA	363.0 > 318.9	1.23e3	6.92e3	0.276		3.68	3.65	2.22	6.4133	
4	8 L-PFHxS	398.9 > 79.6	1.05e2	8.30e2	0.276		3.80	3.80	1.58	3.0561	
5	11 L-PFOA	413 > 368.7	1.72e3	9.43e3	0.276		4.20	4.17	2.28	7.5858	
6	14 PFNA	463.0 > 418.8		9.55e3	0.276		4.65				
7	16 L-PFOS	499 > 79.9		2.03e3	0.276		4.75				
8	18 PFDA	513 > 468.8		6.63e3	0.276		5.03				
9	21 N-MeFOSAA	570.1 > 419		2.78e3	0.276		5.20				
10	22 N-EtFOSAA	584.2 > 419		3.41e3	0.276		5.30				
11	23 PFUdA	563.0 > 518.9		8.72e3	0.276		5.36				

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-34.qld

Last Altered: Monday, February 05, 2018 12:03:44 Pacific Standard Time

Printed: Monday, February 05, 2018 12:04:58 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_34, Date: 30-Jan-2018, Time: 17:51:52, ID: 1800121-06 IRSite5-GW-05W01-20180115 0.27608, Description: IRSite5-GW-05W01-20180115

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	25	PFDa	612.9 > 569.0	5.16e3	0.276		5.65					
2	27	PFTDA	662.9 > 618.9	2.92e3	0.276		5.90					
3	28	PFTeDA	712.9 > 668.8	2.92e3	0.276		6.12					
4	36	13C3-PFBS	302. > 98.8	1.07e3	9.44e3	0.276	0.109	2.56	2.53	1.42	47.0635	103.9
5	37	13C2-PFHxA	315 > 269.8	2.50e3	9.44e3	0.276	0.684	3.05	3.03	3.31	17.5049	96.7
6	38	13C4-PFHpA	367.2 > 321.8	6.92e3	9.44e3	0.276	0.732	3.68	3.65	9.17	45.3659	100.2
7	39	18O2-PFHxS	403.0 > 102.6	8.30e2	2.76e3	0.276	0.318	3.80	3.80	3.76	42.7095	94.3
8	40	13C2-6:2 FTS	429.1 > 408.9	1.70e3	9.15e3	0.276	0.263	4.15	4.11	2.32	31.9054	70.5
9	41	13C2-PFOA	414.9 > 369.7	9.43e3	9.15e3	0.276	1.120	4.20	4.18	12.9	41.6326	92.0
10	42	13C5-PFNA	468.2 > 422.9	9.55e3	1.09e4	0.276	0.921	4.65	4.61	11.0	43.1368	95.3
11	43	13C8-PFOA	506.1 > 77.7	1.47e3	9.28e3	0.276	0.245	4.70	4.68	1.98	29.2894	64.7
12	44	13C8-PFOS	507.0 > 79.9	2.03e3	2.68e3	0.276	1.034	4.75	4.69	9.46	33.1706	73.3
13	45	13C2-PFDA	515.1 > 469.9	6.63e3	8.73e3	0.276	1.080	5.03	4.99	9.48	31.8158	70.3
14	46	13C2-8:2 FTS	529.1 > 508.7	1.03e3	9.44e3	0.276	0.165	5.00	4.96	1.36	29.8429	65.9
15	47	d3-N-MeFOSAA	573.3 > 419	2.78e3	9.28e3	0.276	0.398	5.20	5.14	3.75	34.1299	75.4
16	48	d5-N-EtFOSAA	589.3 > 419	3.41e3	9.28e3	0.276	0.425	5.30	5.29	4.58	39.0771	86.3
17	49	13C2-PFUDa	565 > 519.8	8.72e3	9.28e3	0.276	1.047	5.36	5.31	11.7	40.5782	89.6
18	50	13C2-PFDa	615.0 > 569.7	5.16e3	9.28e3	0.276	0.805	5.65	5.60	6.95	31.2408	69.0
19	52	13C2-PFTeDA	714.8 > 669.6	2.92e3	9.28e3	0.276	0.367	6.12	6.07	3.94	38.8488	85.8
20	57	13C4-PFBA	217. > 171.8	7.56e3	7.56e3	0.276	1.000	1.30	1.30	12.5	45.2767	100.0
21	58	13C5-PFHxA	318 > 272.9	9.44e3	9.44e3	0.276	1.000	3.05	3.03	12.5	45.2767	100.0
22	59	13C3-PFHxS	401.9 > 79.9	2.76e3	2.76e3	0.276	1.000	3.80	3.80	12.5	45.2767	100.0
23	60	13C8-PFOA	421.3 > 376	9.15e3	9.15e3	0.276	1.000	4.20	4.17	12.5	45.2767	100.0
24	61	13C9-PFNA	472.2 > 426.9	1.09e4	1.09e4	0.276	1.000	4.65	4.61	12.5	45.2767	100.0
25	62	13C4-PFOS	503 > 79.9	2.68e3	2.68e3	0.276	1.000	4.60	4.70	12.5	45.2767	100.0
26	63	13C6-PFDA	519.1 > 473.7	8.73e3	8.73e3	0.276	1.000	5.03	4.99	12.5	45.2767	100.0
27	64	13C7-PFUDa	570.1 > 524.8	9.28e3	9.28e3	0.276	1.000	5.36	5.32	12.5	45.2767	100.0
28	65	Total PFHxS	398.9 > 79.6	1.05e2	8.30e2	0.276		3.70		1.58	3.0561	
29	66	Total PFOA	413 > 368.7	2.52e3	9.43e3	0.276		4.20		3.34	10.9916	
30	67	Total PFOS	499 > 79.9	0.00e0	2.03e3	0.276		4.70		0.000		
31	68	Total N-MeFOSAA	570.1 > 419	0.00e0	2.78e3	0.276		5.20		0.000		
32	69	Total N-EtFOSAA	584.2 > 419	0.00e0	3.41e3	0.276		5.30		0.000		

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-34.qld

Last Altered: Monday, February 05, 2018 12:03:44 Pacific Standard Time

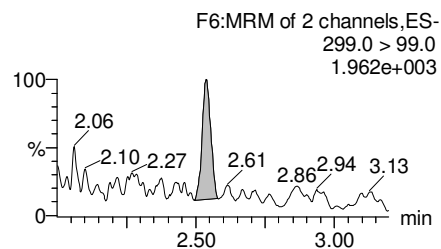
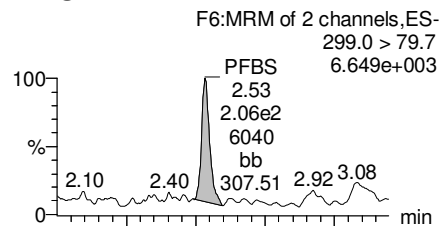
Printed: Monday, February 05, 2018 12:04:58 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

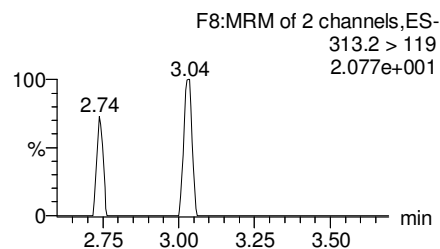
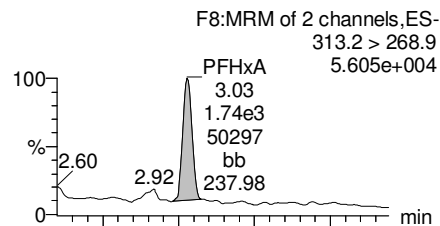
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_34, Date: 30-Jan-2018, Time: 17:51:52, ID: 1800121-06 IRSite5-GW-05W01-20180115 0.27608, Description: IRSite5-GW-05W01-20180115

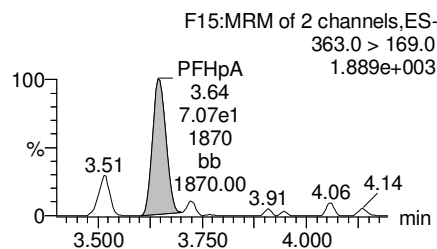
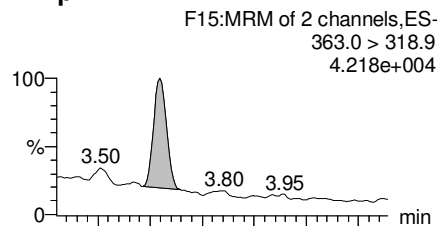
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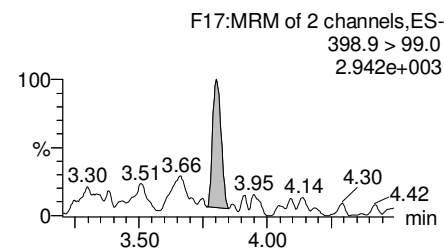
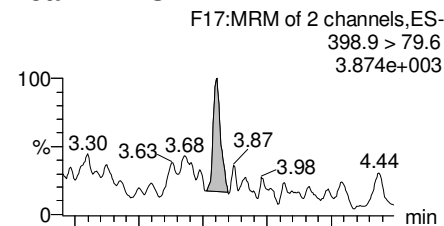
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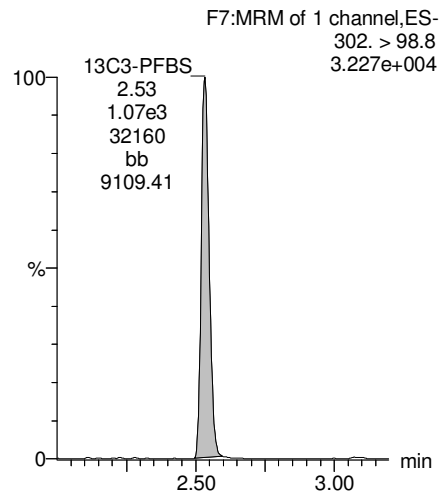
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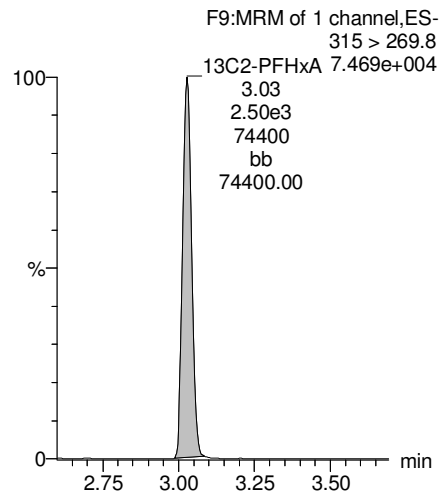
Total PFHxS



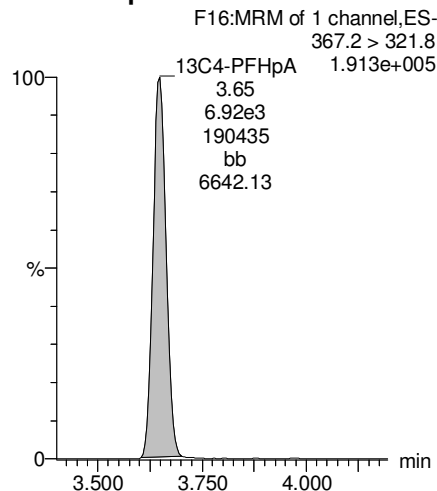
13C3-PFBS



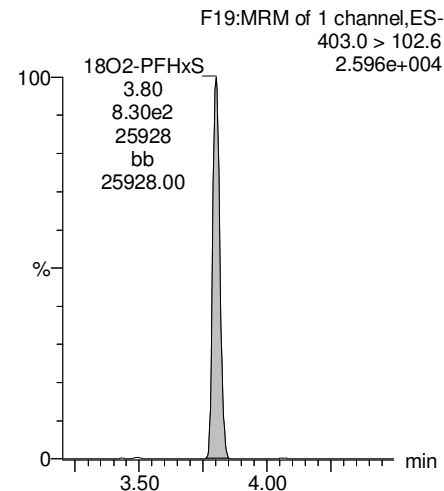
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



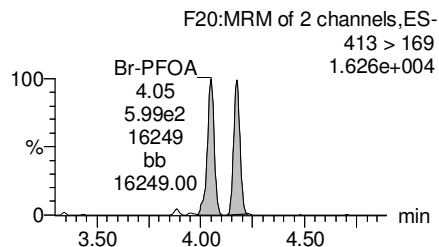
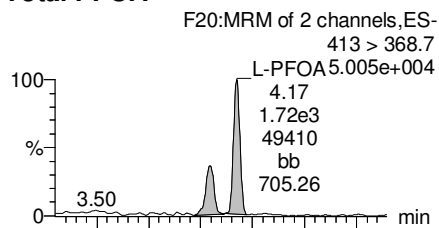
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Last Altered: Monday, February 05, 2018 12:03:44 Pacific Standard Time

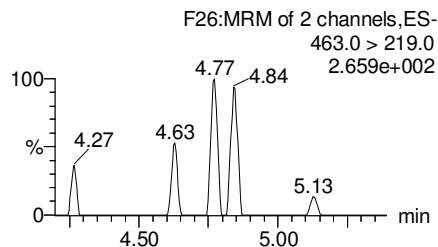
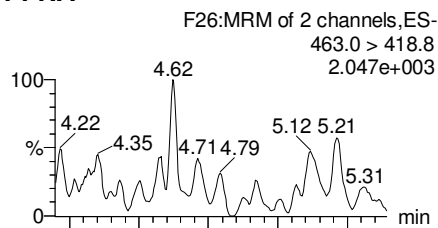
Printed: Monday, February 05, 2018 12:04:58 Pacific Standard Time

Name: 180130M2_34, Date: 30-Jan-2018, Time: 17:51:52, ID: 1800121-06 IRSite5-GW-05W01-20180115 0.27608, Description: IRSite5-GW-05W01-20180115

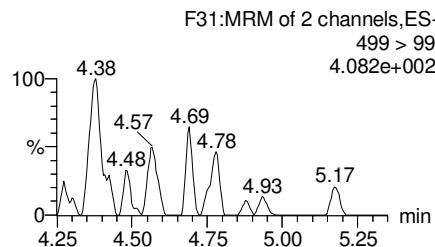
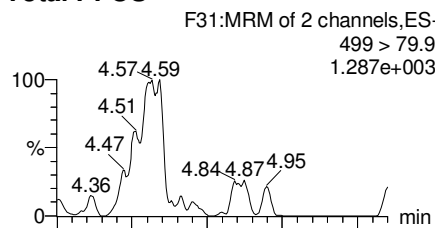
Total PFOA



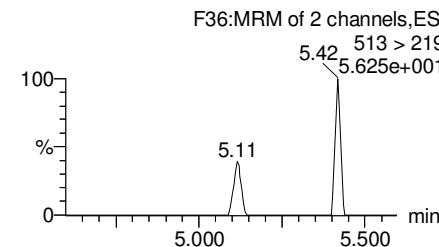
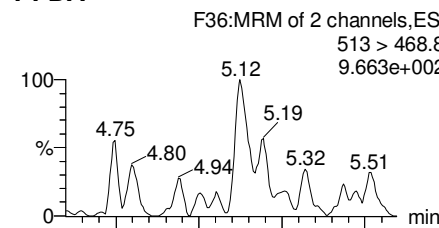
PFNA



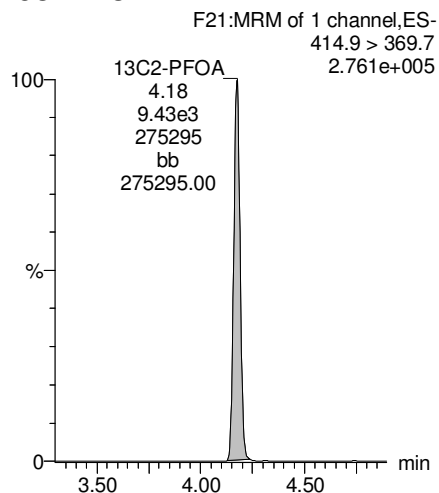
Total PFOS



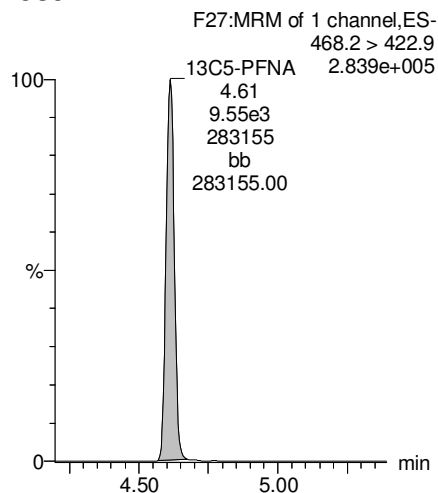
PFDA



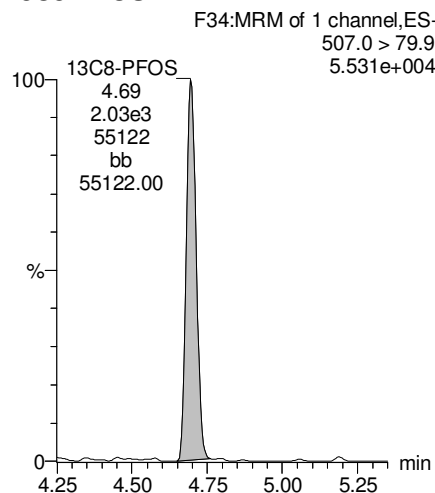
13C2-PFOA



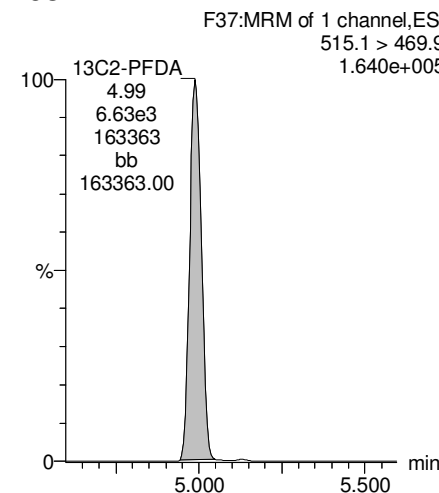
13C5-PFNA



13C8-PFOS



13C2-PFDA



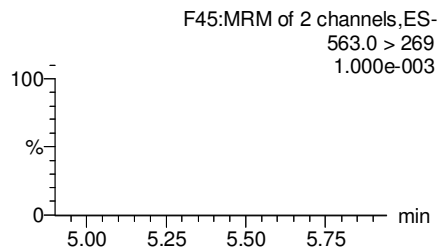
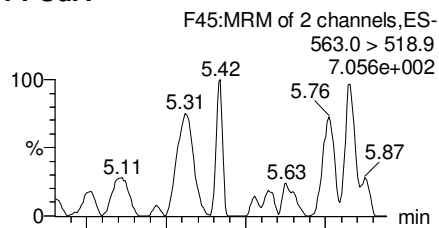
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Last Altered: Monday, February 05, 2018 12:03:44 Pacific Standard Time

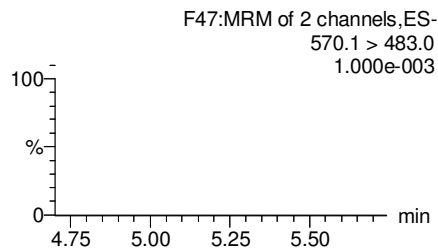
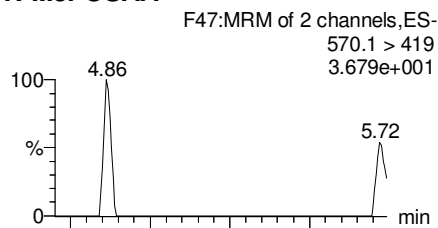
Printed: Monday, February 05, 2018 12:04:58 Pacific Standard Time

Name: 180130M2_34, Date: 30-Jan-2018, Time: 17:51:52, ID: 1800121-06 IRSite5-GW-05W01-20180115 0.27608, Description: IRSite5-GW-05W01-20180115

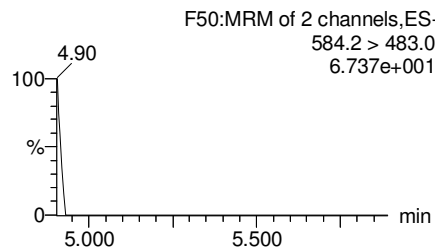
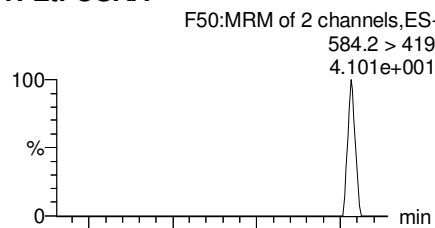
PFUdA



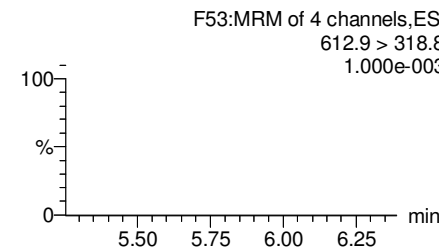
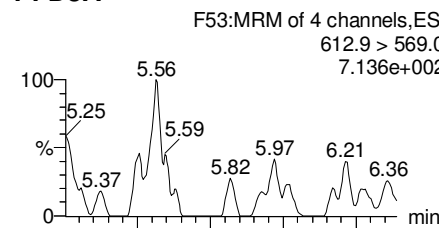
N-MeFOSAA



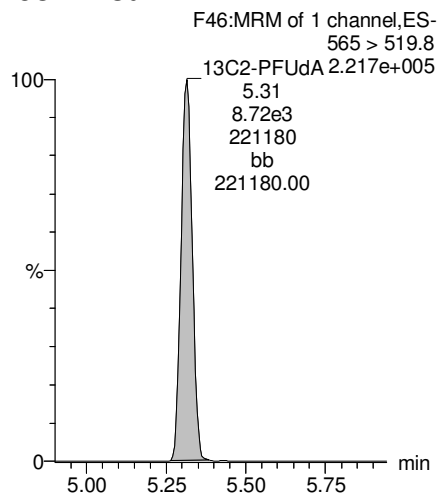
N-EtFOSAA



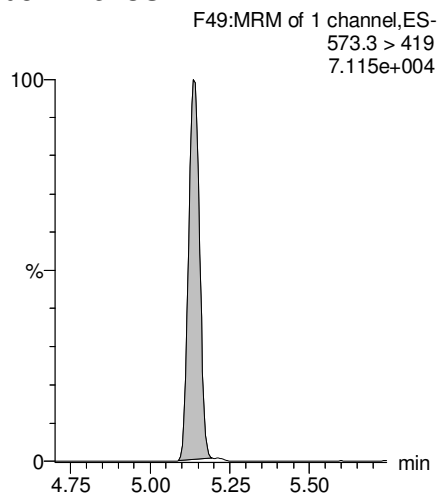
PFDaA



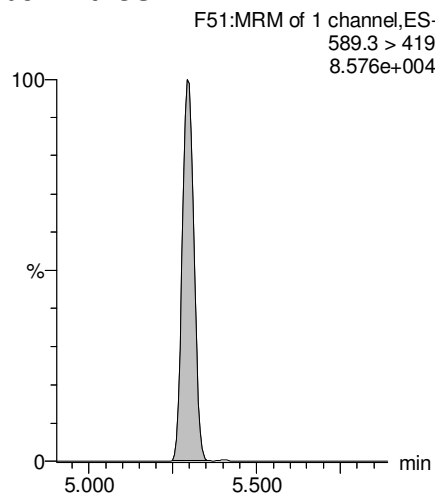
13C2-PFUdA



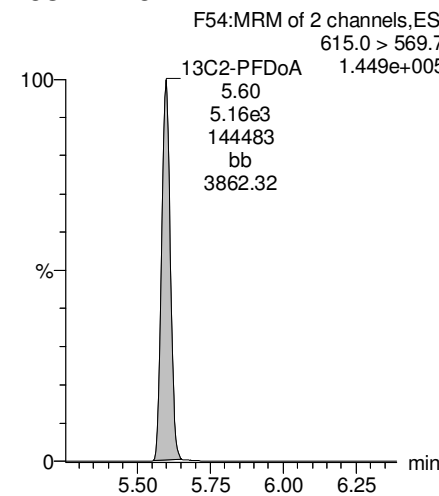
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



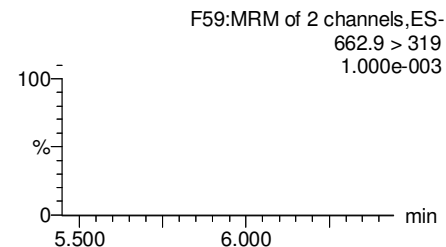
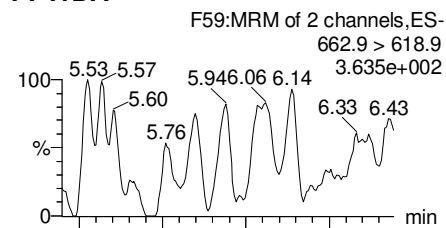
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Last Altered: Monday, February 05, 2018 12:03:44 Pacific Standard Time

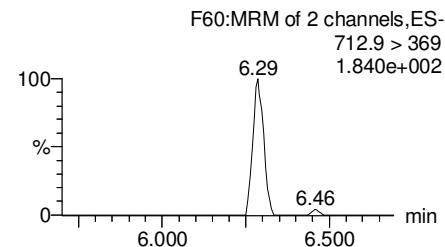
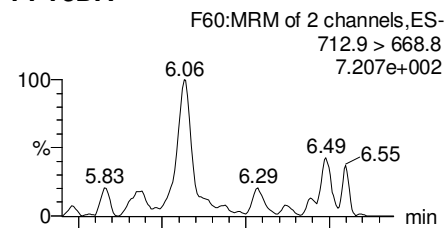
Printed: Monday, February 05, 2018 12:04:58 Pacific Standard Time

Name: 180130M2_34, Date: 30-Jan-2018, Time: 17:51:52, ID: 1800121-06 IRSite5-GW-05W01-20180115 0.27608, Description: IRSite5-GW-05W01-20180115

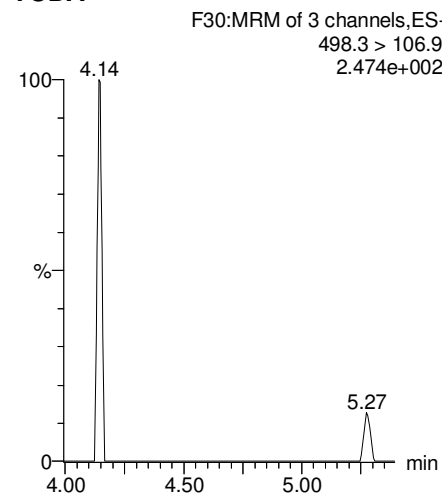
PFTrDA



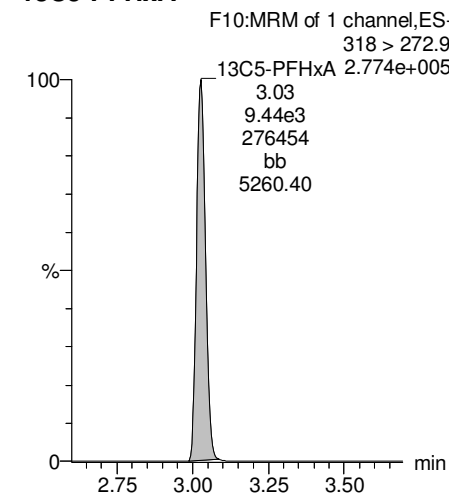
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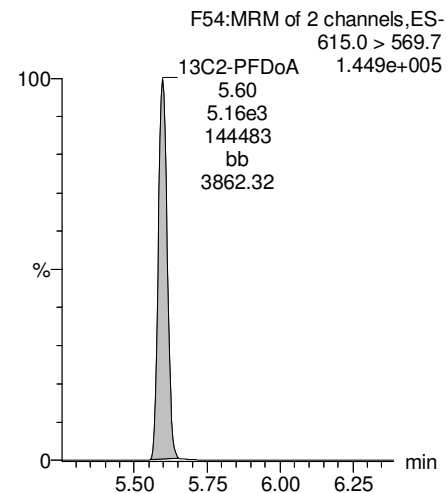
TCDA



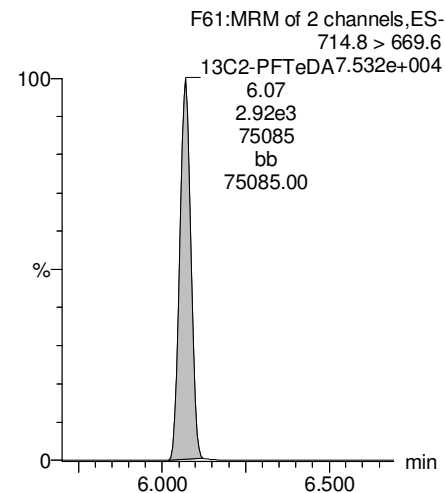
13C5-PFHxA



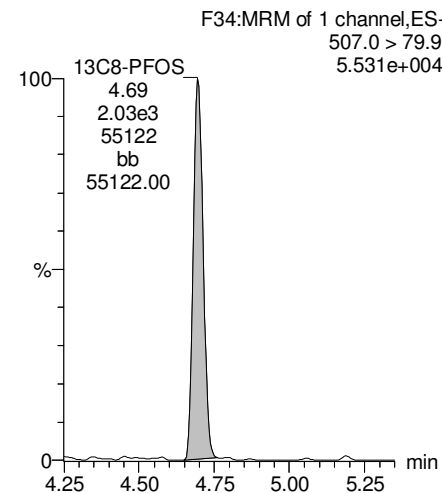
13C2-PFDoA



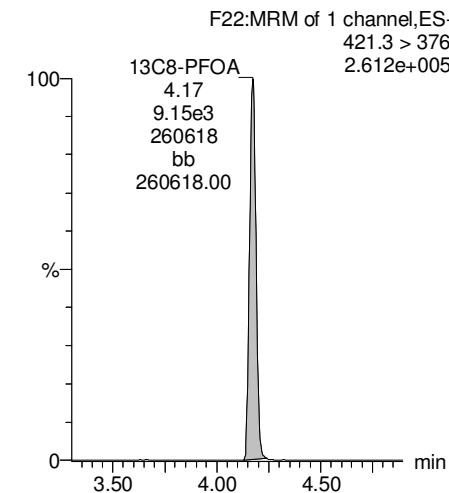
13C2-PFTeDA



13C8-PFOS



13C8-PFOA

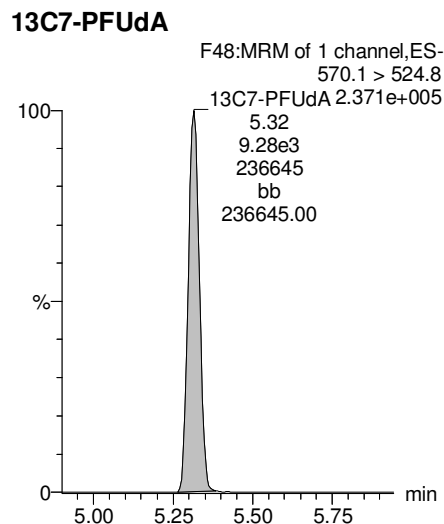
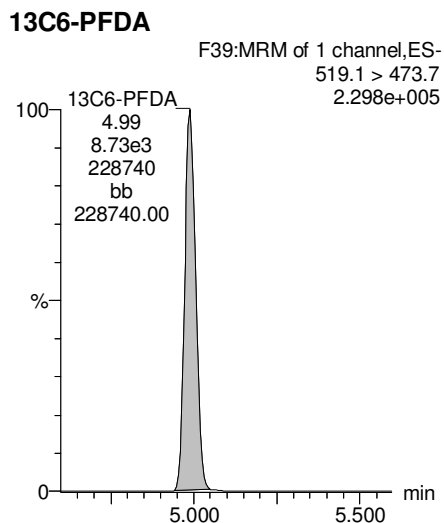
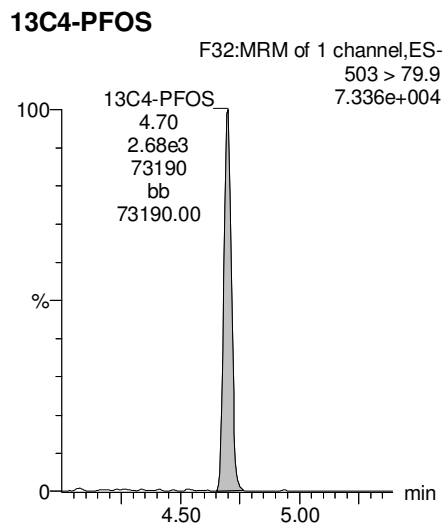
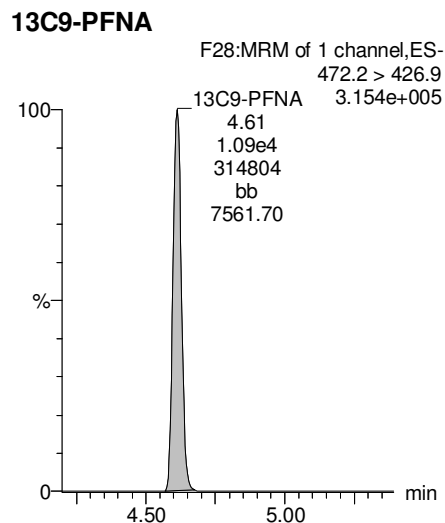
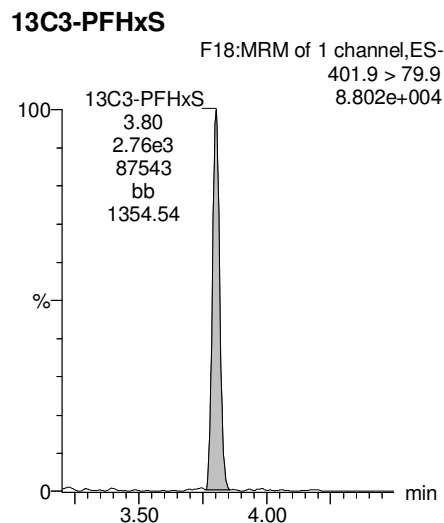


Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-34.qld

Last Altered: Monday, February 05, 2018 12:03:44 Pacific Standard Time

Printed: Monday, February 05, 2018 12:04:58 Pacific Standard Time

Name: 180130M2_34, Date: 30-Jan-2018, Time: 17:51:52, ID: 1800121-06 IRSite5-GW-05W01-20180115 0.27608, Description: IRSite5-GW-05W01-20180115



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-35.qld

Last Altered: Monday, February 05, 2018 12:07:53 Pacific Standard Time

Printed: Monday, February 05, 2018 12:08:49 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_35, Date: 30-Jan-2018, Time: 18:03:22, ID: 1800121-07 IRSite5-GW-05W03-20180115 0.25196, Description: IRSite5-GW-05W03-20180115

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7	1.26e2	1.19e3	0.252		2.56	2.54	1.33	2.7526	
2	5 PFHxA	313.2 > 268.9	2.42e3	2.73e3	0.252		3.05	3.03	4.44	10.6794	
3	7 PFHpA	363.0 > 318.9	1.04e3	7.44e3	0.252		3.68	3.65	1.74	5.4197	
4	8 L-PFHxS	398.9 > 79.6	1.17e2	9.51e2	0.252		3.80	3.80	1.53	3.2422	
5	11 L-PFOA	413 > 368.7	1.92e3	1.05e4	0.252		4.20	4.18	2.29	8.3528	
6	14 PFNA	463.0 > 418.8	1.31e2	8.17e3	0.252		4.65	4.62	0.201	0.1162	
7	16 L-PFOS	499 > 79.9		2.53e3	0.252		4.75				
8	18 PFDA	513 > 468.8		8.29e3	0.252		5.03				
9	21 N-MeFOSAA	570.1 > 419		2.87e3	0.252		5.20				
10	22 N-EtFOSAA	584.2 > 419		3.61e3	0.252		5.30				
11	23 PFUdA	563.0 > 518.9		7.78e3	0.252		5.36				

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-35.qld

Last Altered: Monday, February 05, 2018 12:07:53 Pacific Standard Time

Printed: Monday, February 05, 2018 12:09:02 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_35, Date: 30-Jan-2018, Time: 18:03:22, ID: 1800121-07 IRSite5-GW-05W03-20180115 0.25196, Description: IRSite5-GW-05W03-20180115

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	25	PFDa	612.9 > 569.0	6.96e3	0.252		5.65					
2	27	PFTDA	662.9 > 618.9	2.82e3	0.252		5.90					
3	28	PFTeDA	712.9 > 668.8	2.82e3	0.252		6.12					
4	36	13C3-PFBS	302. > 98.8	1.19e3	9.49e3	0.252	0.109	2.56	2.54	1.56	56.8083	114.5
5	37	13C2-PFHxA	315 > 269.8	2.73e3	9.49e3	0.252	0.684	3.05	3.03	3.59	20.8320	105.0
6	38	13C4-PFHpA	367.2 > 321.8	7.44e3	9.49e3	0.252	0.732	3.68	3.65	9.81	53.1627	107.2
7	39	18O2-PFHxS	403.0 > 102.6	9.51e2	2.64e3	0.252	0.318	3.80	3.81	4.50	56.0556	113.0
8	40	13C2-6:2 FTS	429.1 > 408.9	2.19e3	1.03e4	0.252	0.263	4.15	4.12	2.66	40.0429	80.7
9	41	13C2-PFOA	414.9 > 369.7	1.05e4	1.03e4	0.252	1.120	4.20	4.18	12.7	44.8401	90.4
10	42	13C5-PFNA	468.2 > 422.9	8.17e3	1.06e4	0.252	0.921	4.65	4.61	9.61	41.4241	83.5
11	43	13C8-PFOA	506.1 > 77.7	1.77e3	8.76e3	0.252	0.245	4.70	4.68	2.53	40.9654	82.6
12	44	13C8-PFOS	507.0 > 79.9	2.53e3	2.75e3	0.252	1.034	4.75	4.70	11.5	44.1549	89.0
13	45	13C2-PFDA	515.1 > 469.9	8.29e3	6.81e3	0.252	1.080	5.03	4.99	15.2	55.9274	112.7
14	46	13C2-8:2 FTS	529.1 > 508.7	1.05e3	9.49e3	0.252	0.165	5.00	4.96	1.39	33.4340	67.4
15	47	d3-N-MeFOSAA	573.3 > 419	2.87e3	8.76e3	0.252	0.398	5.20	5.14	4.10	40.8662	82.4
16	48	d5-N-EtFOSAA	589.3 > 419	3.61e3	8.76e3	0.252	0.425	5.30	5.30	5.15	48.1185	97.0
17	49	13C2-PFUDa	565 > 519.8	7.78e3	8.76e3	0.252	1.047	5.36	5.31	11.1	42.0897	84.8
18	50	13C2-PFDa	615.0 > 569.7	6.96e3	8.76e3	0.252	0.805	5.65	5.60	9.94	49.0024	98.8
19	52	13C2-PFTeDA	714.8 > 669.6	2.82e3	8.76e3	0.252	0.367	6.12	6.07	4.02	43.4928	87.7
20	57	13C4-PFBA	217. > 171.8	7.79e3	7.79e3	0.252	1.000	1.30	1.31	12.5	49.6110	100.0
21	58	13C5-PFHxA	318 > 272.9	9.49e3	9.49e3	0.252	1.000	3.05	3.03	12.5	49.6110	100.0
22	59	13C3-PFHxS	401.9 > 79.9	2.64e3	2.64e3	0.252	1.000	3.80	3.80	12.5	49.6110	100.0
23	60	13C8-PFOA	421.3 > 376	1.03e4	1.03e4	0.252	1.000	4.20	4.17	12.5	49.6110	100.0
24	61	13C9-PFNA	472.2 > 426.9	1.06e4	1.06e4	0.252	1.000	4.65	4.61	12.5	49.6110	100.0
25	62	13C4-PFOS	503 > 79.9	2.75e3	2.75e3	0.252	1.000	4.60	4.70	12.5	49.6110	100.0
26	63	13C6-PFDA	519.1 > 473.7	6.81e3	6.81e3	0.252	1.000	5.03	4.99	12.5	49.6110	100.0
27	64	13C7-PFUDa	570.1 > 524.8	8.76e3	8.76e3	0.252	1.000	5.36	5.32	12.5	49.6110	100.0
28	65	Total PFHxS	398.9 > 79.6	1.17e2	9.51e2	0.252		3.70		1.53	3.2422	
29	66	Total PFOA	413 > 368.7	2.34e3	1.05e4	0.252		4.20		2.79	9.9717	
30	67	Total PFOS	499 > 79.9	0.00e0	2.53e3	0.252		4.70		0.000		
31	68	Total N-MeFOSAA	570.1 > 419	0.00e0	2.87e3	0.252		5.20		0.000		
32	69	Total N-EtFOSAA	584.2 > 419	0.00e0	3.61e3	0.252		5.30		0.000		

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-35.qld

Last Altered: Monday, February 05, 2018 12:07:53 Pacific Standard Time

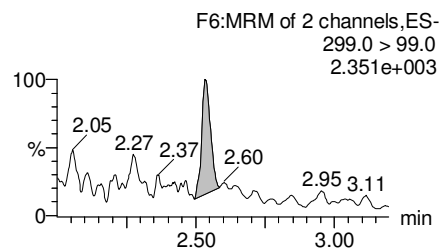
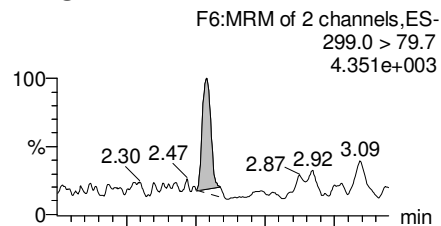
Printed: Monday, February 05, 2018 12:09:02 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

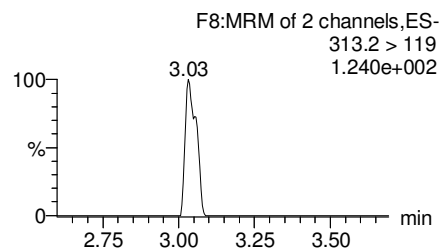
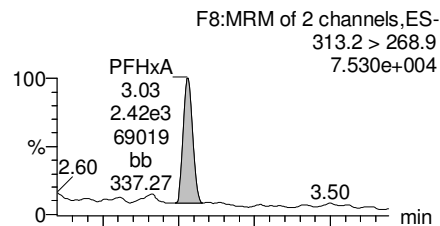
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_35, Date: 30-Jan-2018, Time: 18:03:22, ID: 1800121-07 IRSite5-GW-05W03-20180115 0.25196, Description: IRSite5-GW-05W03-20180115

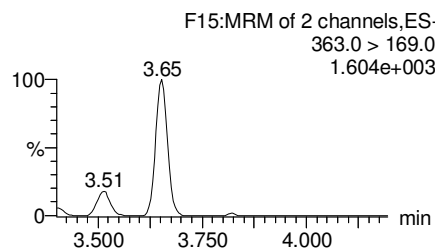
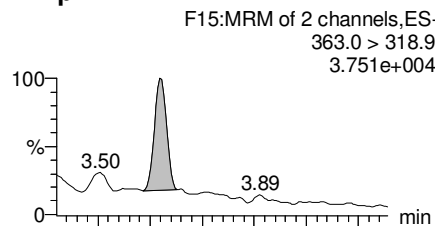
PFBS



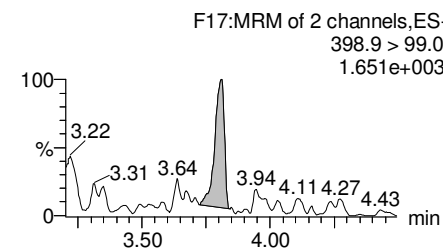
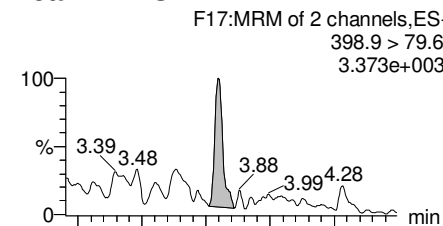
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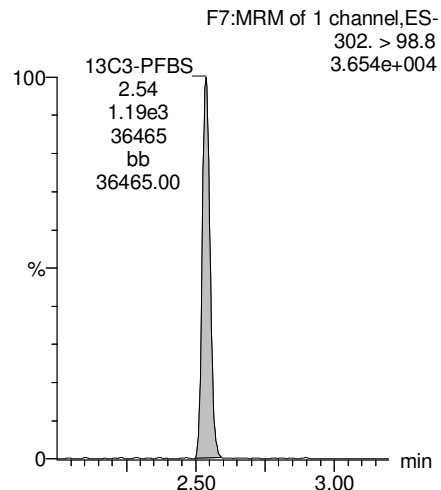
PFHpA



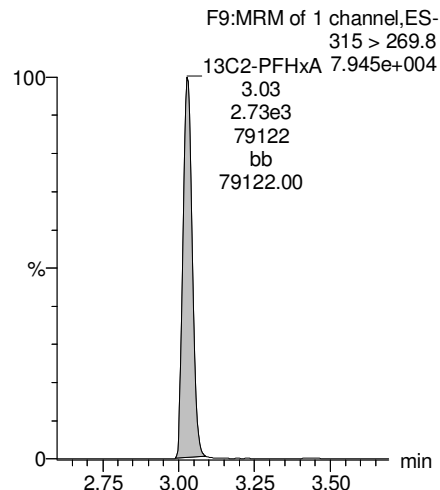
Total PFHxS



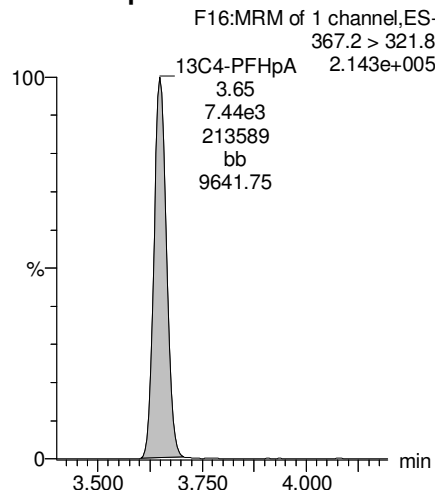
13C3-PFBS



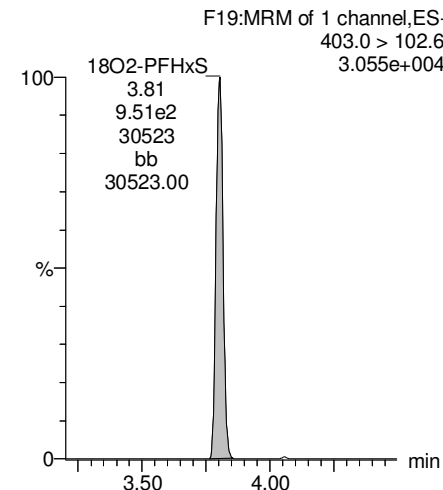
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



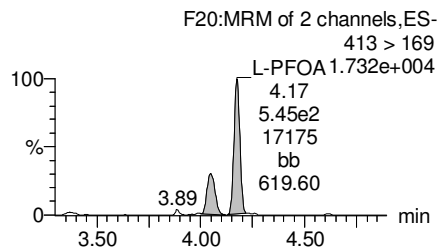
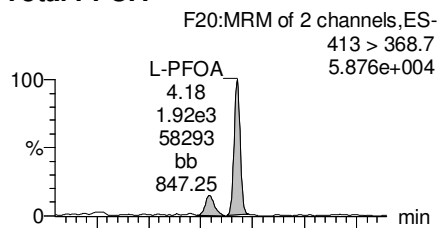
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Last Altered: Monday, February 05, 2018 12:07:53 Pacific Standard Time

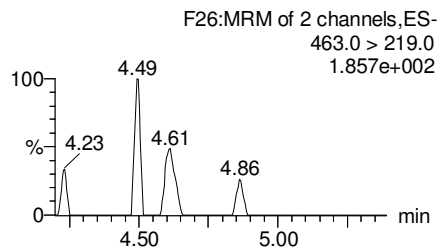
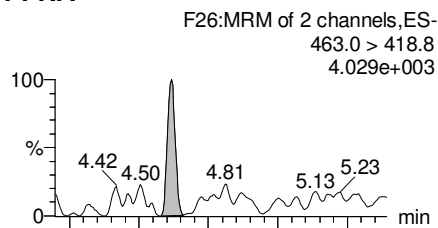
Printed: Monday, February 05, 2018 12:09:02 Pacific Standard Time

Name: 180130M2_35, Date: 30-Jan-2018, Time: 18:03:22, ID: 1800121-07 IRSite5-GW-05W03-20180115 0.25196, Description: IRSite5-GW-05W03-20180115

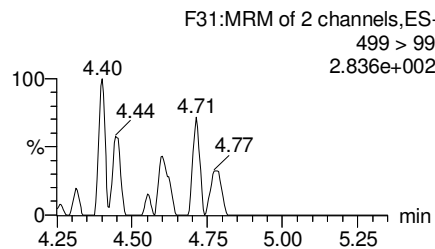
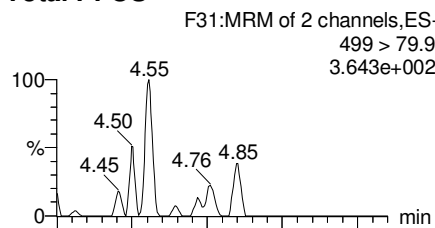
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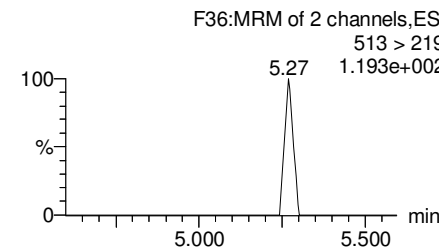
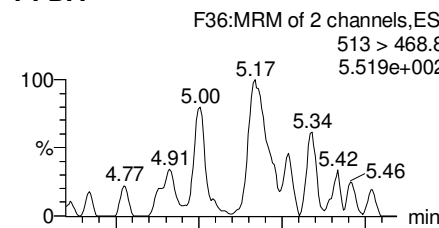
PFNA



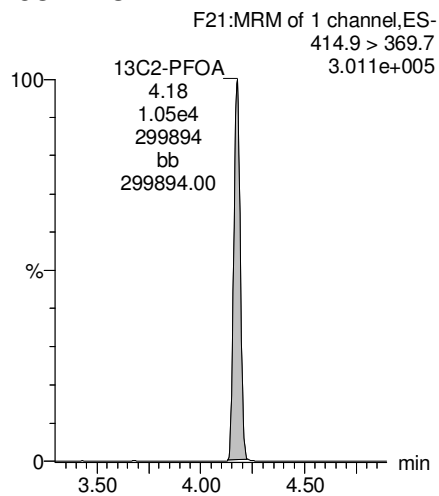
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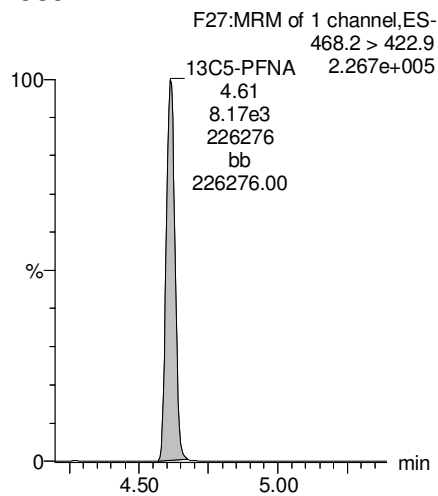
PFDA



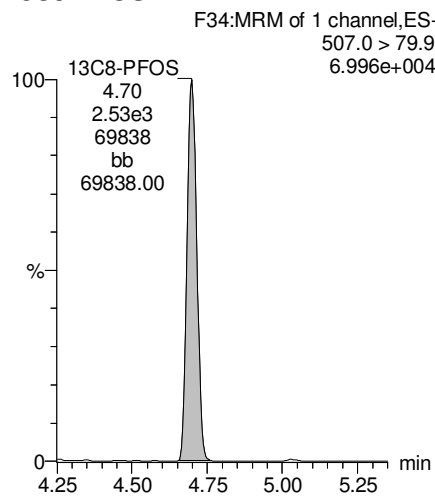
13C2-PFOA



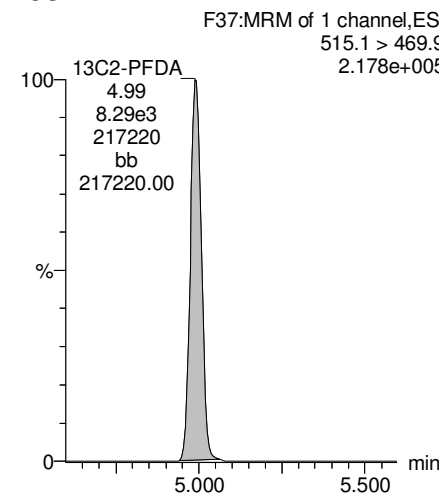
13C5-PFNA



13C8-PFOS



13C2-PFDA



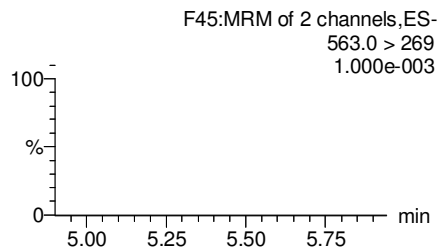
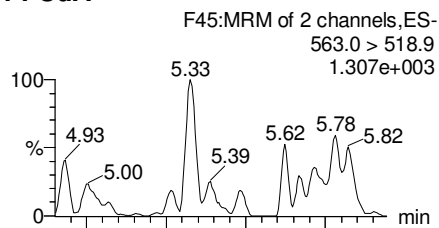
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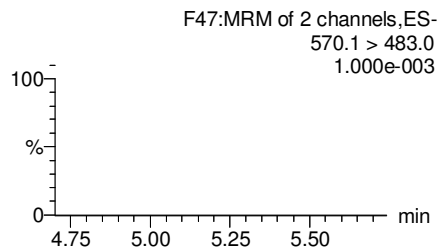
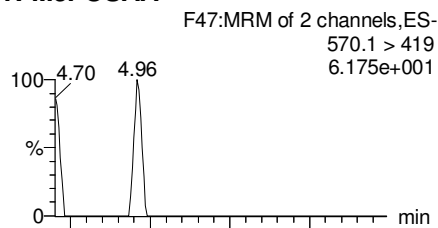
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Name: 180130M2_35, Date: 30-Jan-2018, Time: 18:03:22, ID: 1800121-07 IRSite5-GW-05W03-20180115 0.25196, Description: IRSite5-GW-05W03-20180115

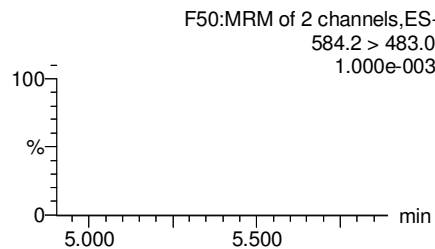
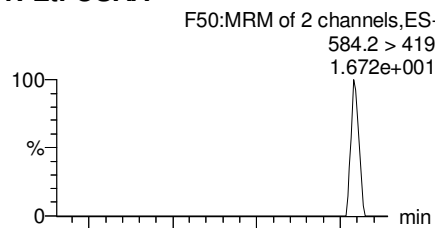
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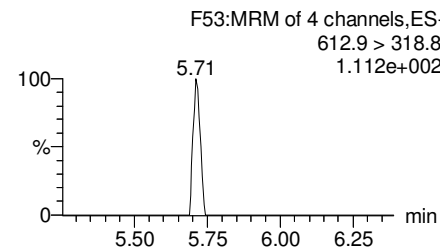
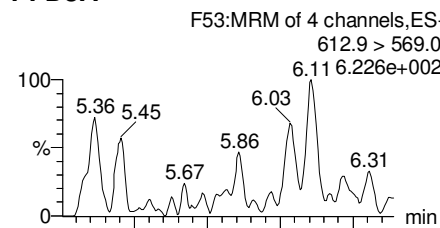
N-MeFOSAA



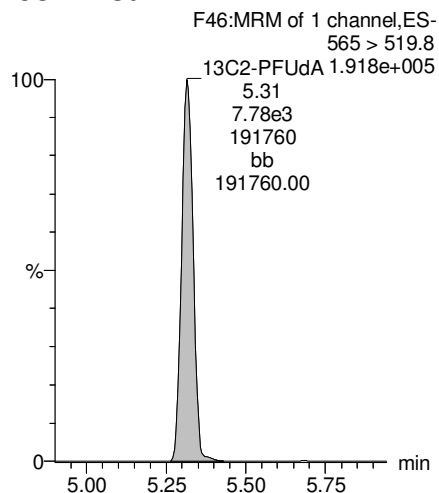
N-EtFOSAA



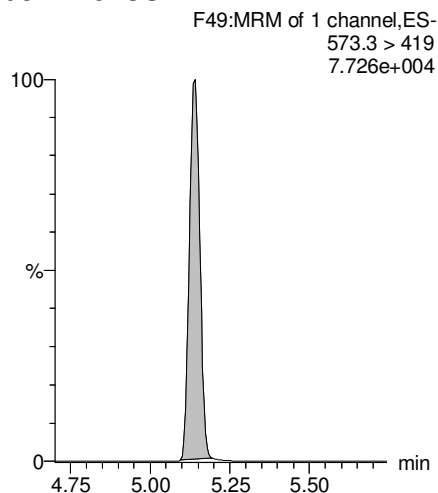
PFDaA



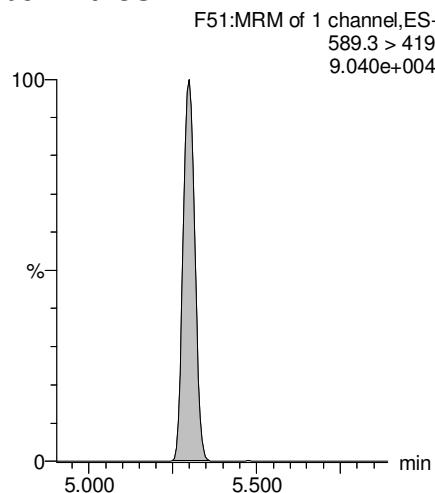
13C2-PFUdA



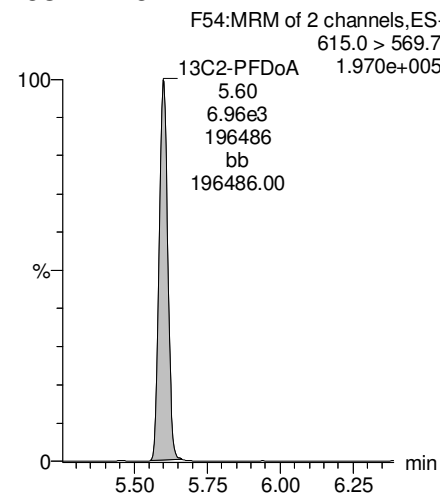
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



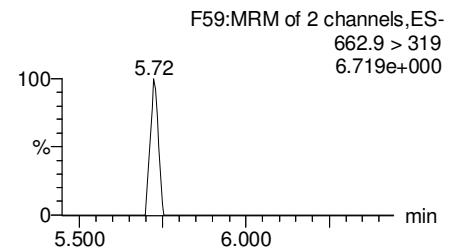
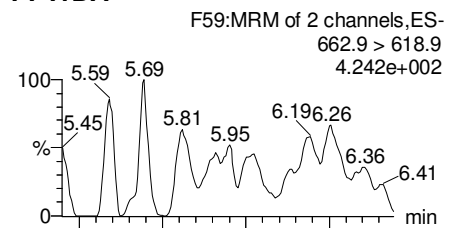
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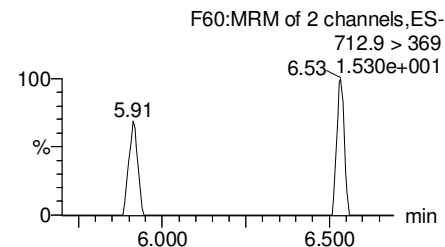
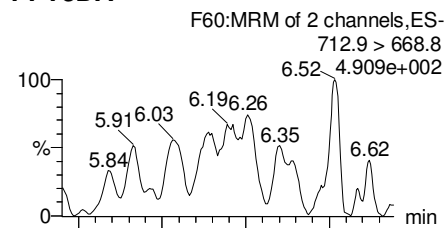
Printed: Monday, February 05, 2018 12:09:02 Pacific Standard Time

Name: 180130M2_35, Date: 30-Jan-2018, Time: 18:03:22, ID: 1800121-07 IRSite5-GW-05W03-20180115 0.25196, Description: IRSite5-GW-05W03-20180115

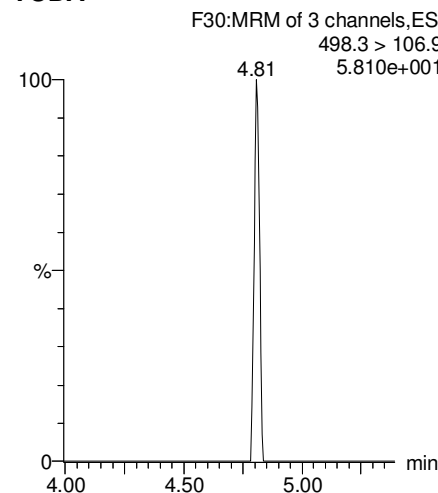
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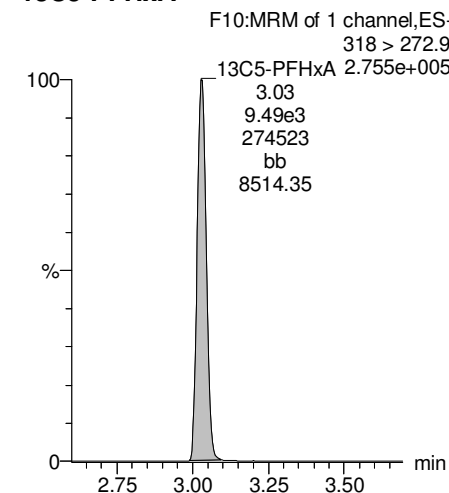
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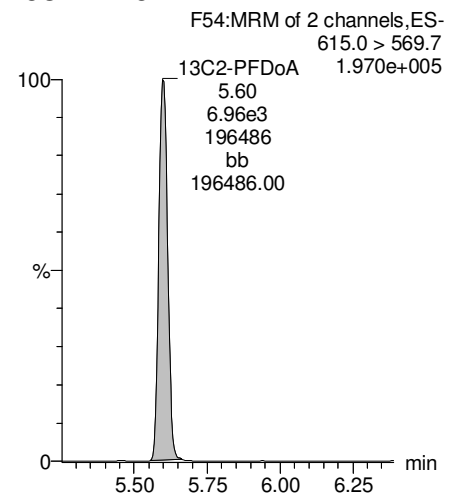
TCDA



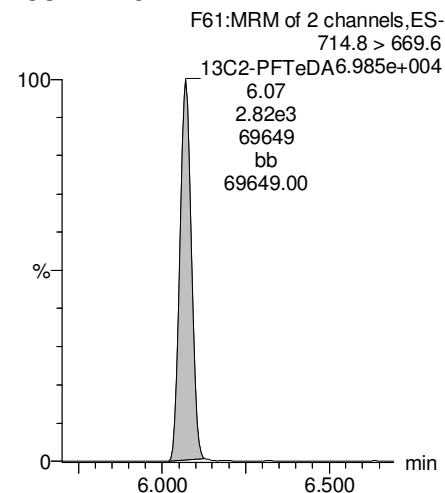
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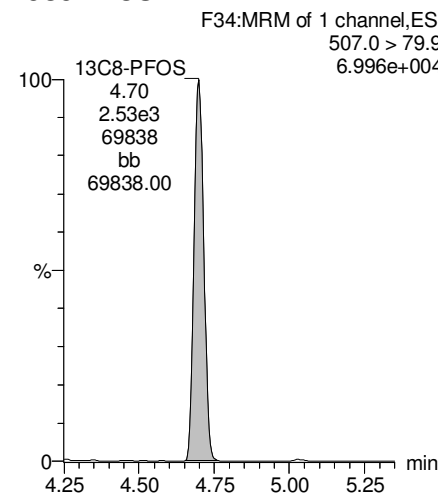
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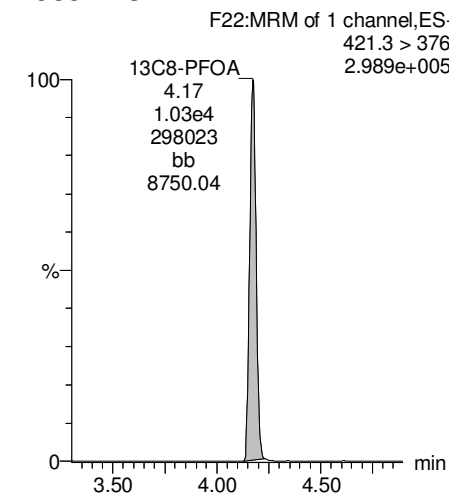
13C2-PFTeDA



13C8-PFOS



13C8-PFOA



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-35.qld

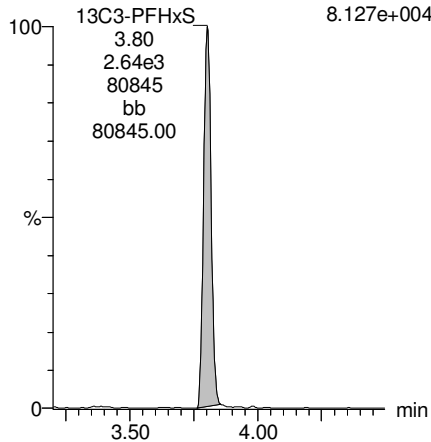
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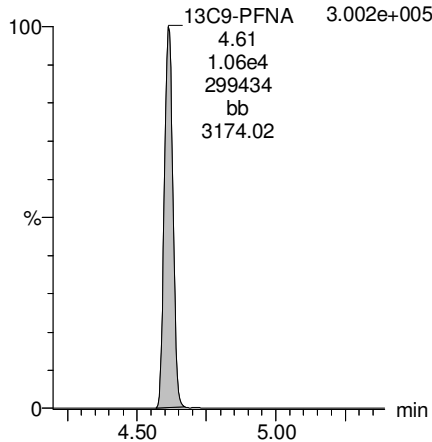
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
8.127e+004



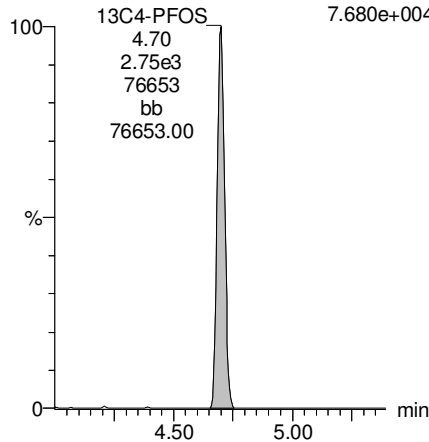
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
3.002e+005



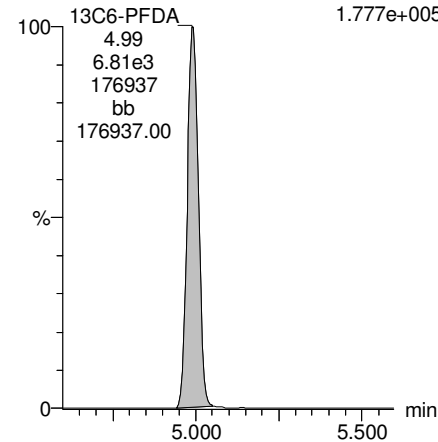
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
7.680e+004



13C6-PFDA

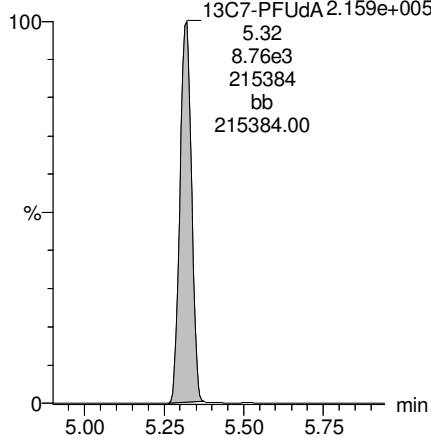
F39:MRM of 1 channel,ES-
519.1 > 473.7
1.777e+005



13C7-PFUDA

F48:MRM of 1 channel,ES-
570.1 > 524.8

13C7-PFUDA 2.159e+005
5.32
8.76e3
215384
bb
215384.00



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-36.qld

Last Altered: Monday, February 05, 2018 12:09:59 Pacific Standard Time

Printed: Monday, February 05, 2018 12:10:38 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_36, Date: 30-Jan-2018, Time: 18:14:48, ID: 1800121-08 UXOSite14-GW-DPW79A-20180115 0.24743, Description: UXOSite14-GW-DPW79A-20180115

	#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3	PFBS	299.0 > 79.7		1.09e3	0.247		2.56				
2	5	PFHxA	313.2 > 268.9		2.49e3	0.247		3.05				
3	7	PFHpA	363.0 > 318.9		6.24e3	0.247		3.68				
4	8	L-PFHxS	398.9 > 79.6		8.12e2	0.247		3.80				
5	11	L-PFOA	413 > 368.7		8.20e3	0.247		4.20				
6	14	PFNA	463.0 > 418.8		7.65e3	0.247		4.65				
7	16	L-PFOS	499 > 79.9		2.33e3	0.247		4.75				
8	18	PFDA	513 > 468.8		7.45e3	0.247		5.03				
9	21	N-MeFOSAA	570.1 > 419		2.71e3	0.247		5.20				
10	22	N-EtFOSAA	584.2 > 419		3.28e3	0.247		5.30				
11	23	PFUdA	563.0 > 518.9		7.83e3	0.247		5.36				

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-36.qld

Last Altered: Monday, February 05, 2018 12:09:59 Pacific Standard Time

Printed: Monday, February 05, 2018 12:10:48 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_36, Date: 30-Jan-2018, Time: 18:14:48, ID: 1800121-08 UXOSite14-GW-DPW79A-20180115 0.24743, Description: UXOSite14-GW-DPW79A-20180115

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	25	PFDa	612.9 > 569.0	4.63e3	0.247		5.65					
2	27	PFTDA	662.9 > 618.9	1.98e3	0.247		5.90					
3	28	PFTeDA	712.9 > 668.8	1.98e3	0.247		6.12					
4	36	13C3-PFBS	302. > 98.8	1.09e3	9.49e3	0.247	0.109	2.56	2.53	1.43	53.0191	104.9
5	37	13C2-PFHxA	315 > 269.8	2.49e3	9.49e3	0.247	0.684	3.05	3.03	3.29	19.4131	96.1
6	38	13C4-PFHpA	367.2 > 321.8	6.24e3	9.49e3	0.247	0.732	3.68	3.65	8.23	45.4249	89.9
7	39	18O2-PFHxS	403.0 > 102.6	8.12e2	2.29e3	0.247	0.318	3.80	3.80	4.44	56.2929	111.4
8	40	13C2-6:2 FTS	429.1 > 408.9	1.77e3	8.63e3	0.247	0.263	4.15	4.12	2.56	39.2600	77.7
9	41	13C2-PFOA	414.9 > 369.7	8.20e3	8.63e3	0.247	1.120	4.20	4.18	11.9	42.8306	84.8
10	42	13C5-PFNA	468.2 > 422.9	7.65e3	8.24e3	0.247	0.921	4.65	4.62	11.6	50.9724	100.9
11	43	13C8-PFOA	506.1 > 77.7	1.50e3	9.90e3	0.247	0.245	4.70	4.68	1.90	31.3670	62.1
12	44	13C8-PFOS	507.0 > 79.9	2.33e3	2.13e3	0.247	1.034	4.75	4.70	13.6	53.2651	105.4
13	45	13C2-PFDA	515.1 > 469.9	7.45e3	8.25e3	0.247	1.080	5.03	4.99	11.3	42.2847	83.7
14	46	13C2-8:2 FTS	529.1 > 508.7	1.12e3	9.49e3	0.247	0.165	5.00	4.96	1.47	36.0559	71.4
15	47	d3-N-MeFOSAA	573.3 > 419	2.71e3	9.90e3	0.247	0.398	5.20	5.14	3.42	34.8016	68.9
16	48	d5-N-EtFOSAA	589.3 > 419	3.28e3	9.90e3	0.247	0.425	5.30	5.30	4.14	39.4199	78.0
17	49	13C2-PFUDa	565 > 519.8	7.83e3	9.90e3	0.247	1.047	5.36	5.31	9.90	38.1909	75.6
18	50	13C2-PFDOA	615.0 > 569.7	4.63e3	9.90e3	0.247	0.805	5.65	5.60	5.85	29.3540	58.1
19	52	13C2-PFTeDA	714.8 > 669.6	1.98e3	9.90e3	0.247	0.367	6.12	6.07	2.51	27.6040	54.6
20	57	13C4-PFBA	217. > 171.8	6.99e3	6.99e3	0.247	1.000	1.30	1.31	12.5	50.5193	100.0
21	58	13C5-PFHxA	318 > 272.9	9.49e3	9.49e3	0.247	1.000	3.05	3.03	12.5	50.5193	100.0
22	59	13C3-PFHxS	401.9 > 79.9	2.29e3	2.29e3	0.247	1.000	3.80	3.80	12.5	50.5193	100.0
23	60	13C8-PFOA	421.3 > 376	8.63e3	8.63e3	0.247	1.000	4.20	4.18	12.5	50.5193	100.0
24	61	13C9-PFNA	472.2 > 426.9	8.24e3	8.24e3	0.247	1.000	4.65	4.61	12.5	50.5193	100.0
25	62	13C4-PFOS	503 > 79.9	2.13e3	2.13e3	0.247	1.000	4.60	4.70	12.5	50.5193	100.0
26	63	13C6-PFDA	519.1 > 473.7	8.25e3	8.25e3	0.247	1.000	5.03	4.99	12.5	50.5193	100.0
27	64	13C7-PFUDa	570.1 > 524.8	9.90e3	9.90e3	0.247	1.000	5.36	5.31	12.5	50.5193	100.0
28	65	Total PFHxS	398.9 > 79.6	0.00e0	8.12e2	0.247		3.70		0.000		
29	66	Total PFOA	413 > 368.7	0.00e0	8.20e3	0.247		4.20		0.000		
30	67	Total PFOS	499 > 79.9	0.00e0	2.33e3	0.247		4.70		0.000		
31	68	Total N-MeFOSAA	570.1 > 419	0.00e0	2.71e3	0.247		5.20		0.000		
32	69	Total N-EtFOSAA	584.2 > 419	0.00e0	3.28e3	0.247		5.30		0.000		

GM 2/5/2018

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-36.qld

Last Altered: Monday, February 05, 2018 12:09:59 Pacific Standard Time

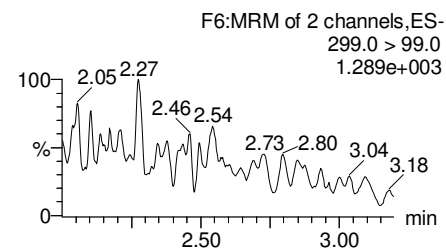
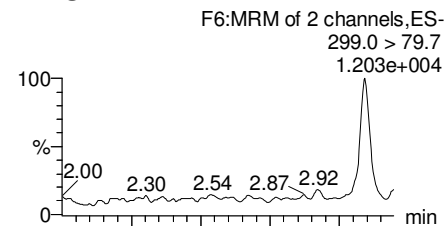
Printed: Monday, February 05, 2018 12:10:48 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

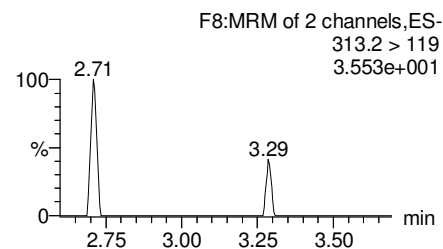
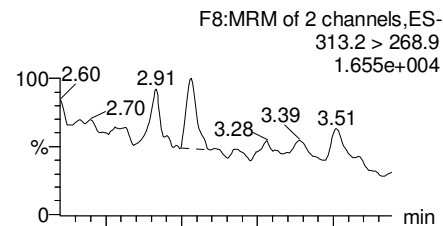
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_36, Date: 30-Jan-2018, Time: 18:14:48, ID: 1800121-08 UXOSite14-GW-DPW79A-20180115 0.24743, Description: UXOSite14-GW-DPW79A-20180115

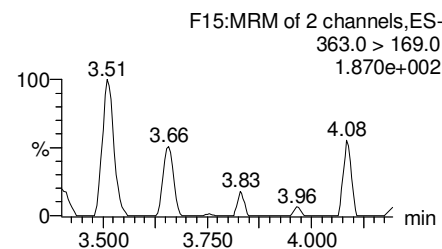
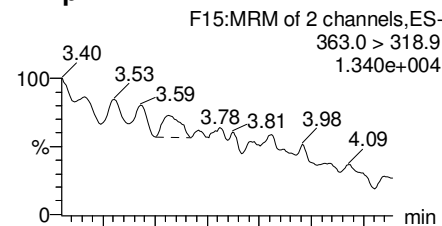
PFBS



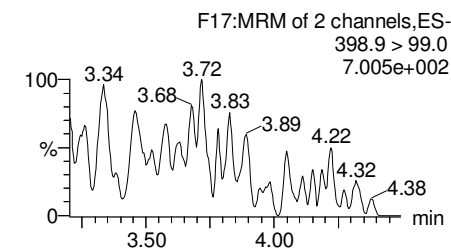
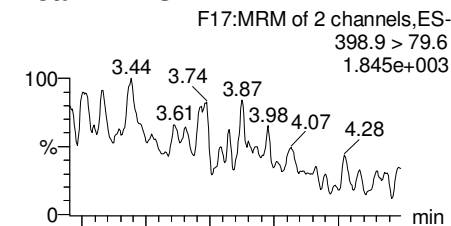
PFHxA



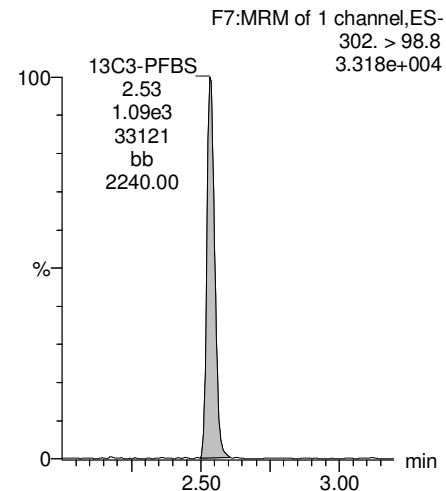
PFHpA



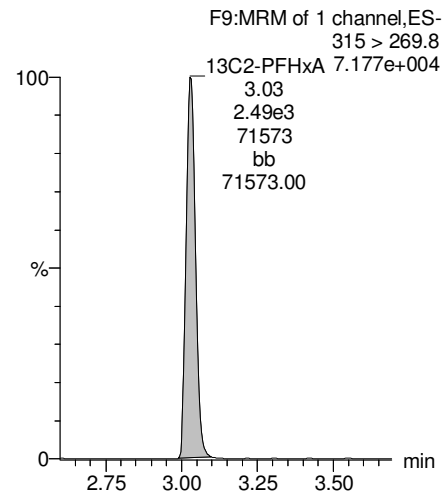
Total PFHxS



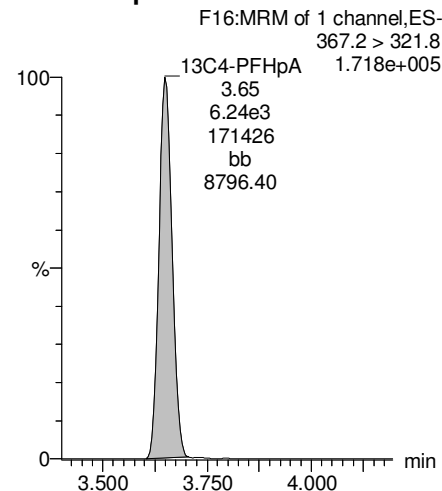
13C3-PFBS



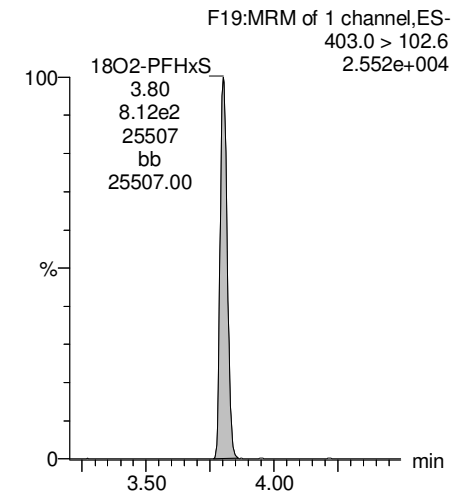
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



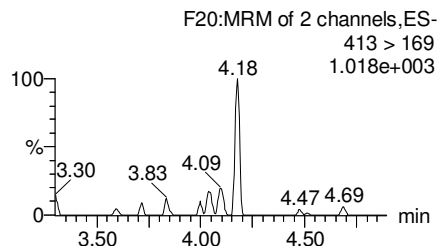
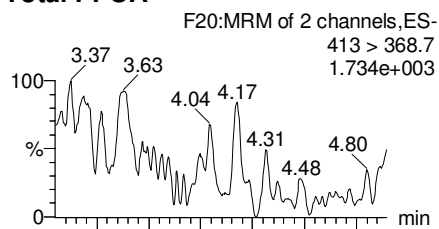
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Last Altered: Monday, February 05, 2018 12:09:59 Pacific Standard Time

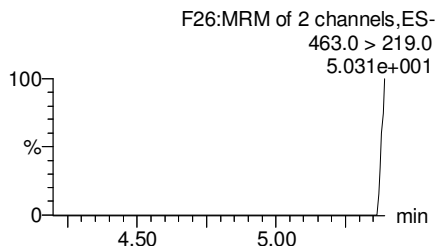
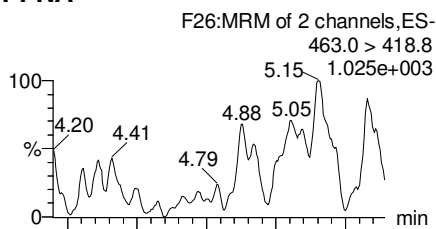
Printed: Monday, February 05, 2018 12:10:48 Pacific Standard Time

Name: 180130M2_36, Date: 30-Jan-2018, Time: 18:14:48, ID: 1800121-08 UXOSite14-GW-DPW79A-20180115 0.24743, Description: UXOSite14-GW-DPW79A-20180115

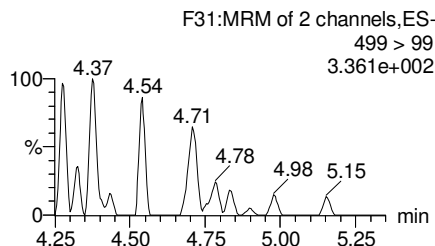
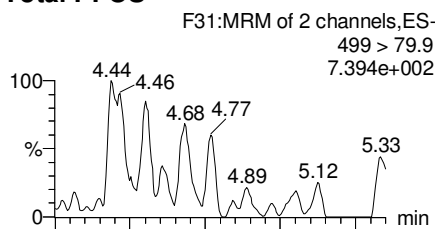
Total PFOA



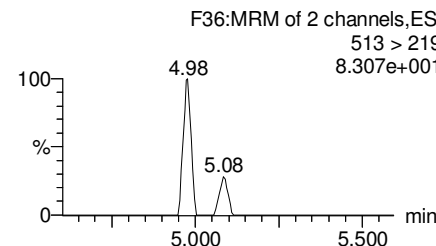
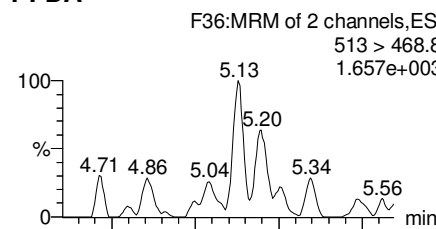
PFNA



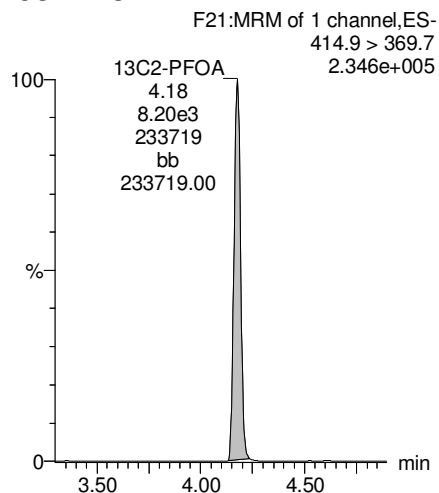
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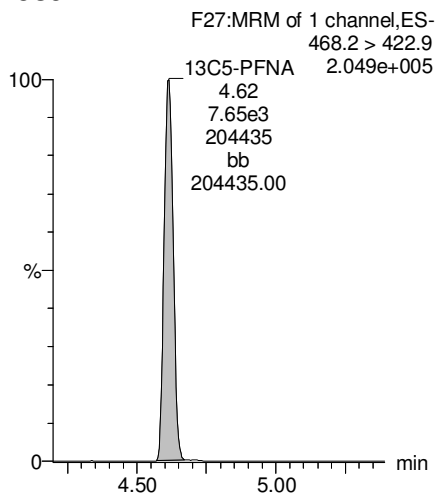
PFDA



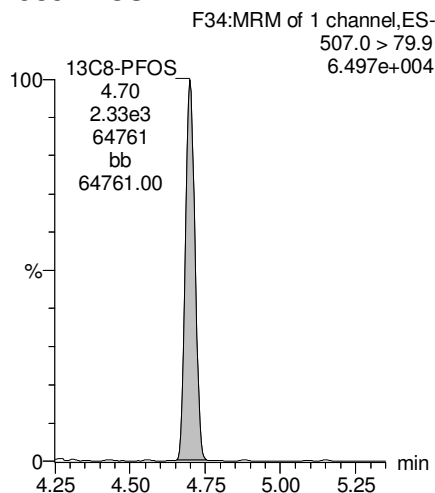
13C2-PFOA



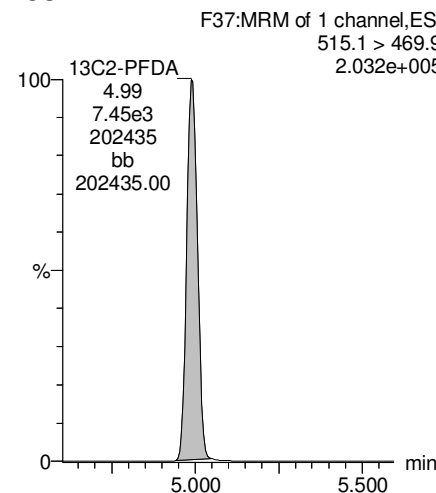
13C5-PFNA



13C8-PFOS



13C2-PFDA



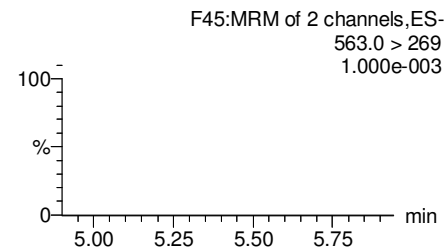
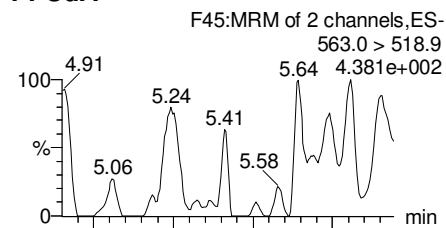
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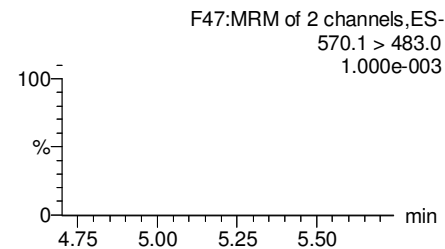
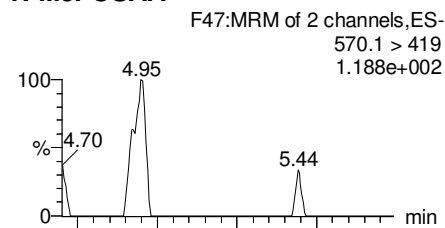
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Name: 180130M2_36, Date: 30-Jan-2018, Time: 18:14:48, ID: 1800121-08 UXOSite14-GW-DPW79A-20180115 0.24743, Description: UXOSite14-GW-DPW79A-20180115

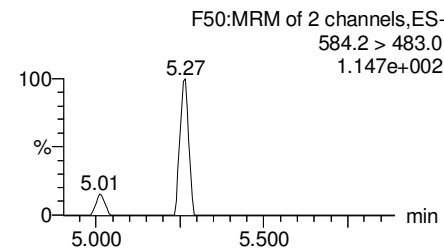
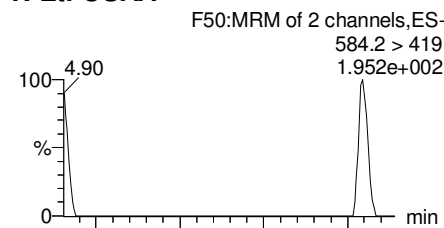
PFUdA



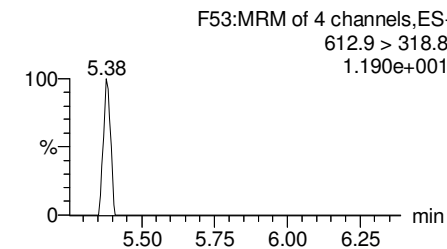
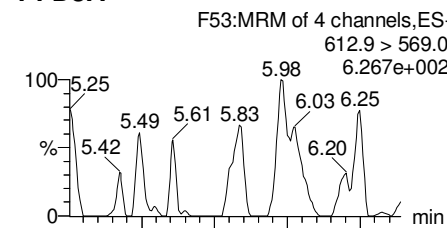
N-MeFOSAA



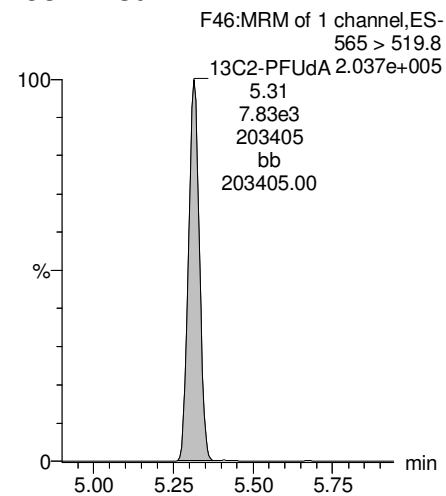
N-EtFOSAA



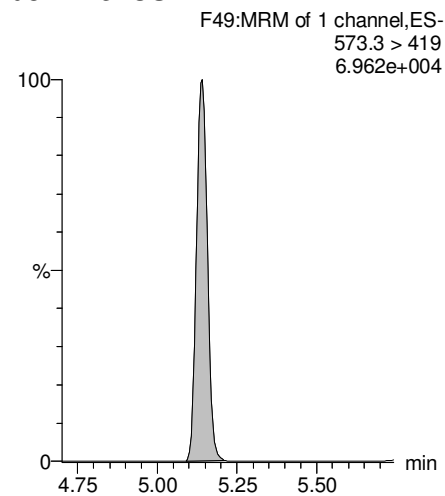
PFDoA



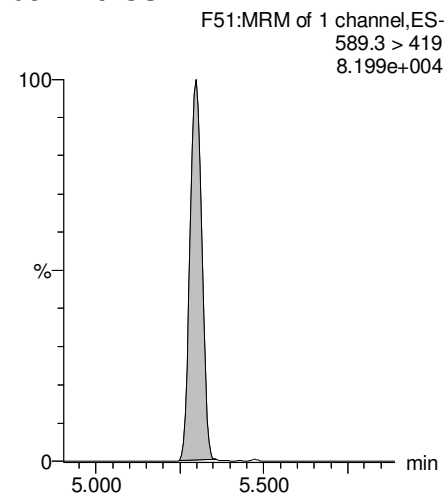
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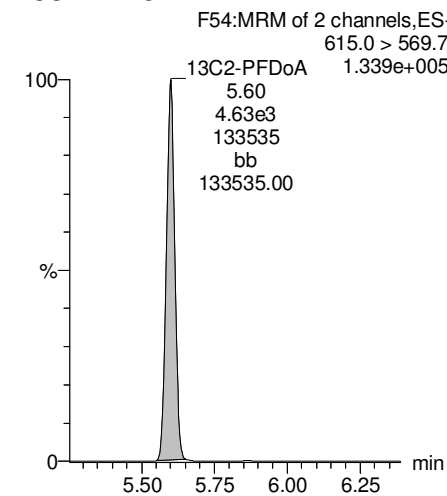
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDoA



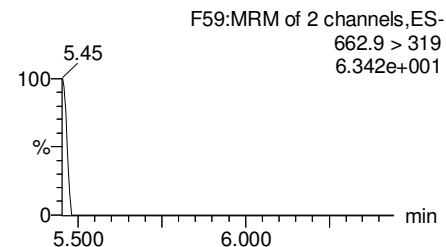
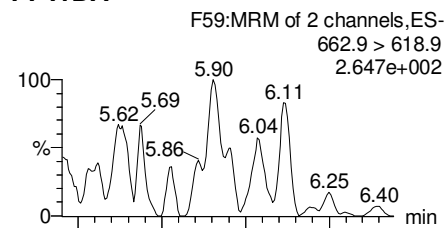
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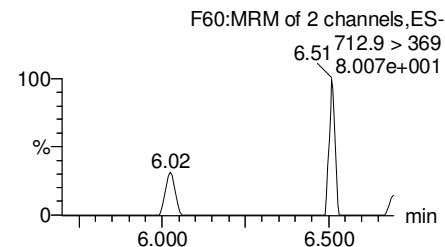
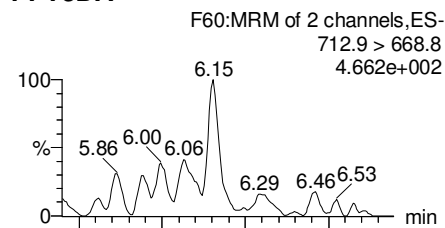
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Name: 180130M2_36, Date: 30-Jan-2018, Time: 18:14:48, ID: 1800121-08 UXOSite14-GW-DPW79A-20180115 0.24743, Description: UXOSite14-GW-DPW79A-20180115

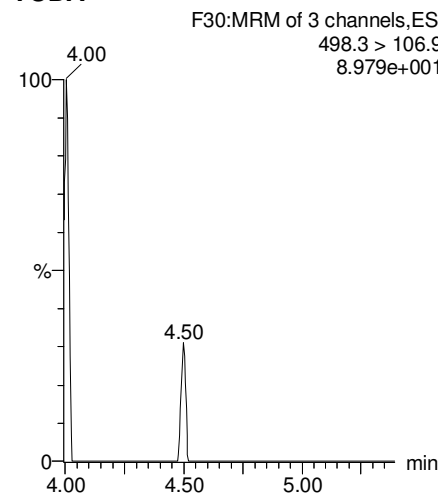
PFTrDA



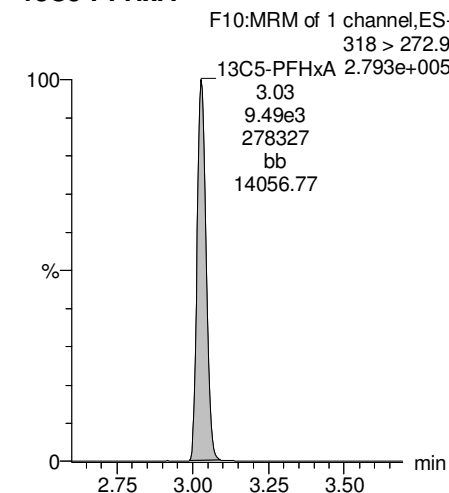
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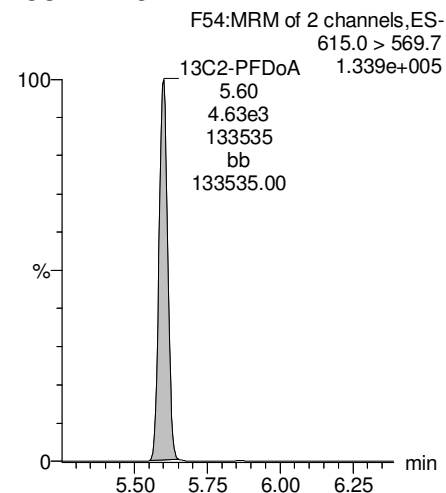
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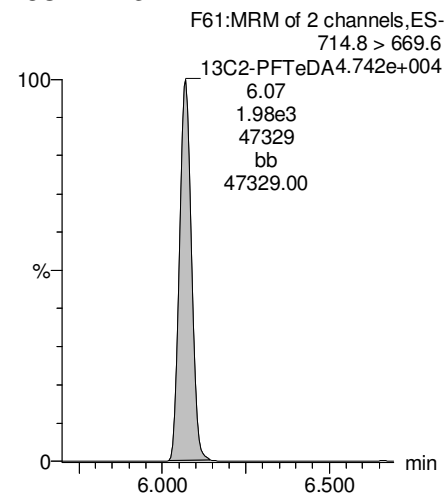
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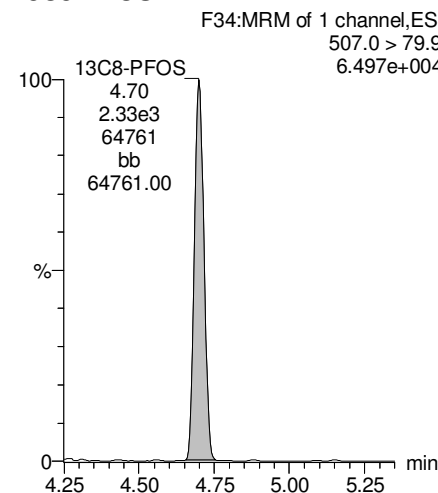
13C2-PFDoA



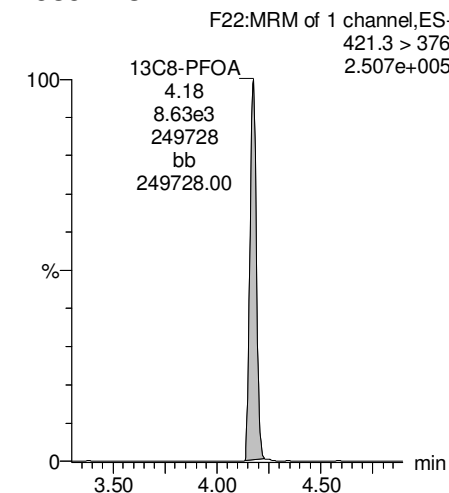
13C2-PFTeDA



13C8-PFOS



13C8-PFOA

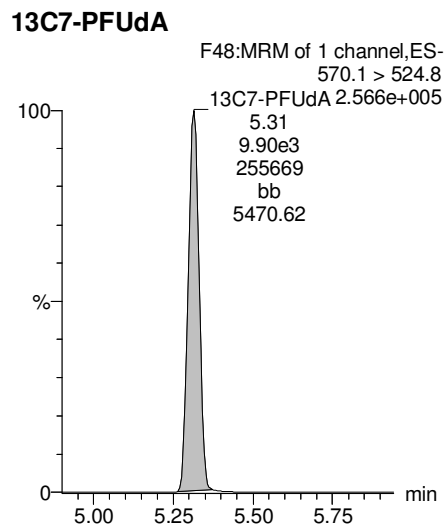
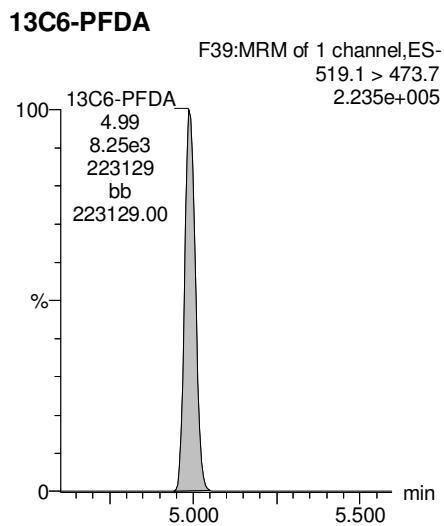
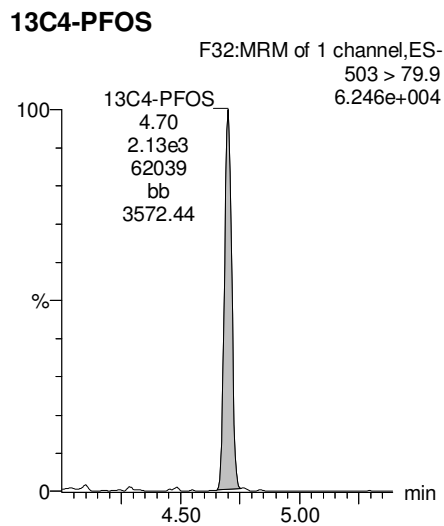
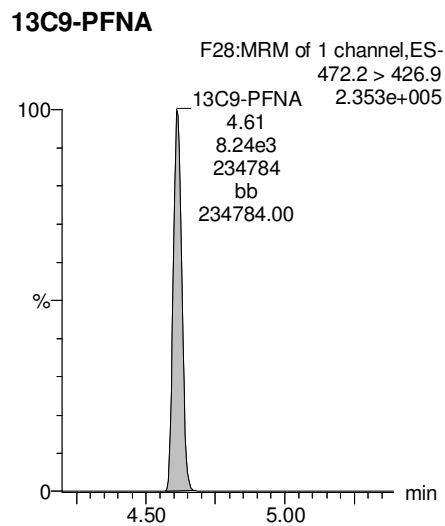
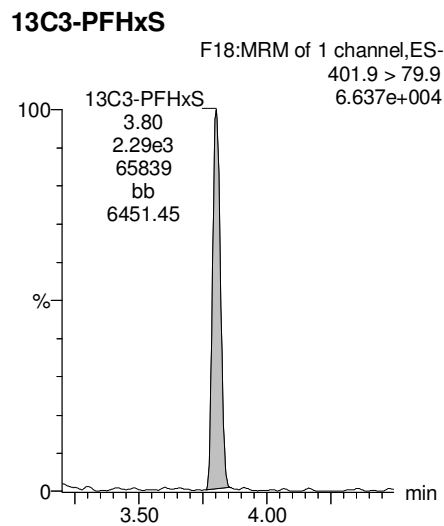


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Last Altered: Monday, February 05, 2018 12:09:59 Pacific Standard Time

Printed: Monday, February 05, 2018 12:10:48 Pacific Standard Time

Name: 180130M2_36, Date: 30-Jan-2018, Time: 18:14:48, ID: 1800121-08 UXOSite14-GW-DPW79A-20180115 0.24743, Description: UXOSite14-GW-DPW79A-20180115



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-37.qld

Last Altered: Monday, February 05, 2018 12:12:33 Pacific Standard Time

Printed: Monday, February 05, 2018 12:13:16 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_37, Date: 30-Jan-2018, Time: 18:26:15, ID: 1800121-09 UXOSite14-GW-DPW78A-20180115 0.26471, Description: UXOSite14-GW-DPW78A-20180115

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7		1.17e3	0.265		2.56				
2	5 PFHxA	313.2 > 268.9		2.92e3	0.265		3.05				
3	7 PFHpA	363.0 > 318.9		6.72e3	0.265		3.68				
4	8 L-PFHxS	398.9 > 79.6		8.58e2	0.265		3.80				
5	11 L-PFOA	413 > 368.7	2.35e2	1.09e4	0.265		4.20	4.18	0.270	0.7078	
6	14 PFNA	463.0 > 418.8		7.86e3	0.265		4.65				
7	16 L-PFOS	499 > 79.9		2.47e3	0.265		4.75				
8	18 PFDA	513 > 468.8		6.23e3	0.265		5.03				
9	21 N-MeFOSAA	570.1 > 419		3.12e3	0.265		5.20				
10	22 N-EtFOSAA	584.2 > 419		2.99e3	0.265		5.30				
11	23 PFUdA	563.0 > 518.9		8.56e3	0.265		5.36				

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-37.qld

Last Altered: Monday, February 05, 2018 12:12:33 Pacific Standard Time

Printed: Monday, February 05, 2018 12:13:26 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_37, Date: 30-Jan-2018, Time: 18:26:15, ID: 1800121-09 UXOSite14-GW-DPW78A-20180115 0.26471, Description: UXOSite14-GW-DPW78A-20180115

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	25	PFDa	612.9 > 569.0	6.28e3	0.265		5.65					
2	27	PFTDA	662.9 > 618.9	2.02e3	0.265		5.90					
3	28	PFTeDA	712.9 > 668.8	2.02e3	0.265		6.12					
4	36	13C3-PFBS	302. > 98.8	1.17e3	8.82e3	0.265	0.109	2.56	2.54	1.65	57.2142	121.2
5	37	13C2-PFHxA	315 > 269.8	2.92e3	8.82e3	0.265	0.684	3.05	3.03	4.13	22.8375	120.9
6	38	13C4-PFHpA	367.2 > 321.8	6.72e3	8.82e3	0.265	0.732	3.68	3.65	9.52	49.1121	104.0
7	39	18O2-PFHxS	403.0 > 102.6	8.58e2	2.68e3	0.265	0.318	3.80	3.80	4.01	47.5603	100.7
8	40	13C2-6:2 FTS	429.1 > 408.9	2.38e3	1.00e4	0.265	0.263	4.15	4.12	2.98	42.7855	90.6
9	41	13C2-PFOA	414.9 > 369.7	1.09e4	1.00e4	0.265	1.120	4.20	4.17	13.6	45.9762	97.4
10	42	13C5-PFNA	468.2 > 422.9	7.86e3	9.33e3	0.265	0.921	4.65	4.61	10.5	43.2345	91.6
11	43	13C8-PFOA	506.1 > 77.7	1.69e3	1.08e4	0.265	0.245	4.70	4.68	1.97	30.4012	64.4
12	44	13C8-PFOS	507.0 > 79.9	2.47e3	2.77e3	0.265	1.034	4.75	4.69	11.2	40.8612	86.5
13	45	13C2-PFDA	515.1 > 469.9	6.23e3	9.23e3	0.265	1.080	5.03	4.99	8.43	29.4985	62.5
14	46	13C2-8:2 FTS	529.1 > 508.7	1.35e3	8.82e3	0.265	0.165	5.00	4.96	1.91	43.7331	92.6
15	47	d3-N-MeFOSAA	573.3 > 419	3.12e3	1.08e4	0.265	0.398	5.20	5.14	3.62	34.4183	72.9
16	48	d5-N-EtFOSAA	589.3 > 419	2.99e3	1.08e4	0.265	0.425	5.30	5.30	3.48	30.9332	65.5
17	49	13C2-PFUDa	565 > 519.8	8.56e3	1.08e4	0.265	1.047	5.36	5.31	9.95	35.8806	76.0
18	50	13C2-PFDOa	615.0 > 569.7	6.28e3	1.08e4	0.265	0.805	5.65	5.60	7.30	34.2232	72.5
19	52	13C2-PFTeDA	714.8 > 669.6	2.02e3	1.08e4	0.265	0.367	6.12	6.07	2.35	24.1922	51.2
20	57	13C4-PFBA	217. > 171.8	7.69e3	7.69e3	0.265	1.000	1.30	1.31	12.5	47.2215	100.0
21	58	13C5-PFHxA	318 > 272.9	8.82e3	8.82e3	0.265	1.000	3.05	3.03	12.5	47.2215	100.0
22	59	13C3-PFHxS	401.9 > 79.9	2.68e3	2.68e3	0.265	1.000	3.80	3.80	12.5	47.2215	100.0
23	60	13C8-PFOA	421.3 > 376	1.00e4	1.00e4	0.265	1.000	4.20	4.17	12.5	47.2215	100.0
24	61	13C9-PFNA	472.2 > 426.9	9.33e3	9.33e3	0.265	1.000	4.65	4.61	12.5	47.2215	100.0
25	62	13C4-PFOS	503 > 79.9	2.77e3	2.77e3	0.265	1.000	4.60	4.70	12.5	47.2215	100.0
26	63	13C6-PFDA	519.1 > 473.7	9.23e3	9.23e3	0.265	1.000	5.03	4.99	12.5	47.2215	100.0
27	64	13C7-PFUDa	570.1 > 524.8	1.08e4	1.08e4	0.265	1.000	5.36	5.31	12.5	47.2215	100.0
28	65	Total PFHxS	398.9 > 79.6	0.00e0	8.58e2	0.265		3.70		0.000		
29	66	Total PFOA	413 > 368.7	2.35e2	1.09e4	0.265		4.20		0.270	0.7078	
30	67	Total PFOS	499 > 79.9	0.00e0	2.47e3	0.265		4.70		0.000		
31	68	Total N-MeFOSAA	570.1 > 419	0.00e0	3.12e3	0.265		5.20		0.000		
32	69	Total N-EtFOSAA	584.2 > 419	0.00e0	2.99e3	0.265		5.30		0.000		

GM 2/5/2018

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-37.qld

Last Altered: Monday, February 05, 2018 12:12:33 Pacific Standard Time

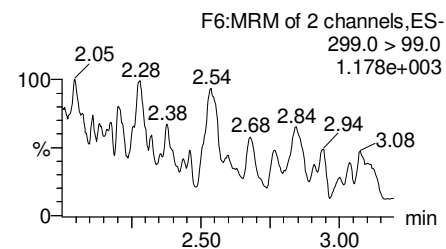
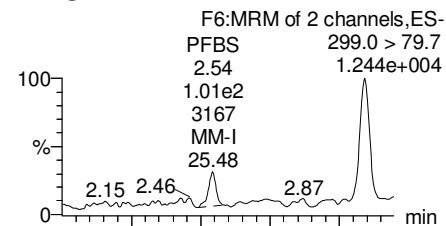
Printed: Monday, February 05, 2018 12:13:26 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

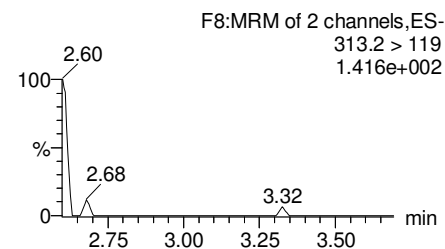
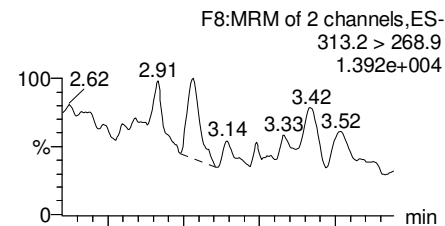
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Name: 180130M2_37, Date: 30-Jan-2018, Time: 18:26:15, ID: 1800121-09 UXOSite14-GW-DPW78A-20180115 0.26471, Description: UXOSite14-GW-DPW78A-20180115

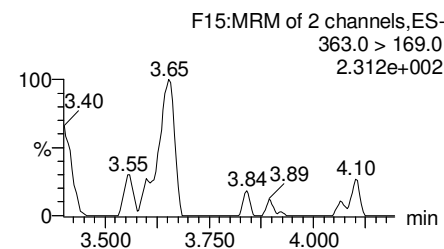
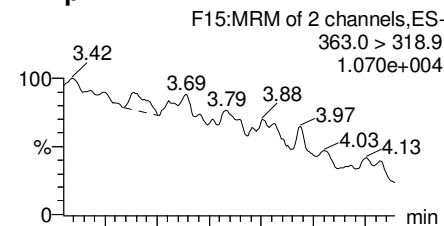
PFBS



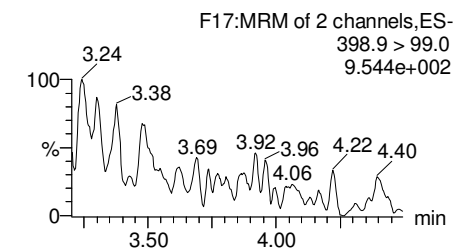
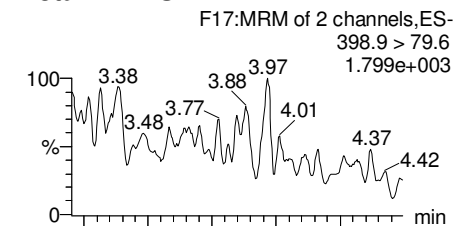
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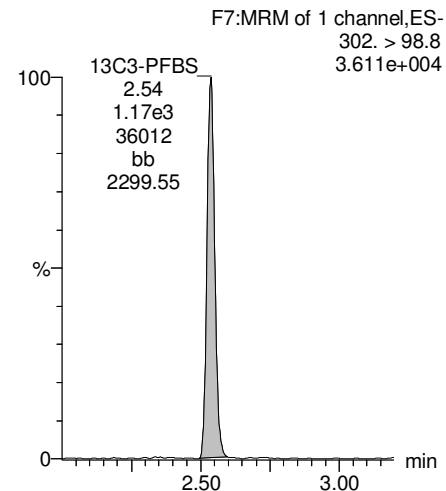
PFHpA



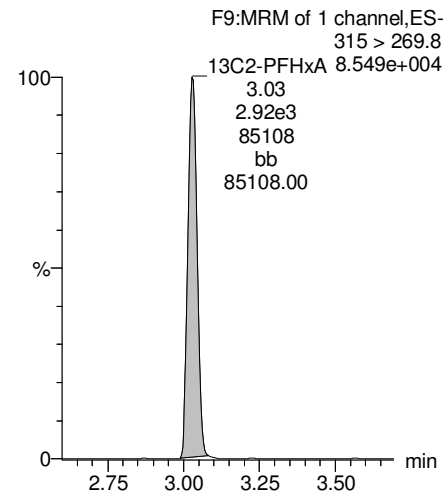
Total PFHxS



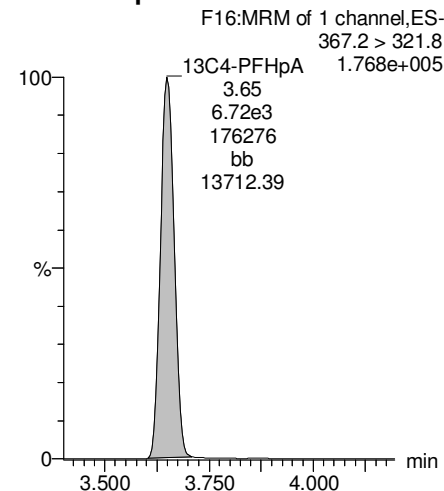
13C3-PFBS



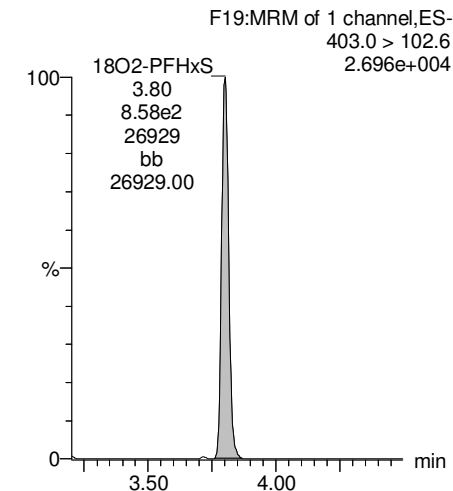
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



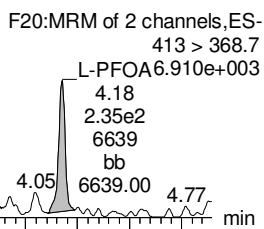
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Last Altered: Monday, February 05, 2018 12:12:33 Pacific Standard Time

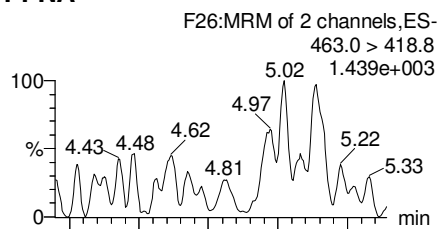
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Name: 180130M2_37, Date: 30-Jan-2018, Time: 18:26:15, ID: 1800121-09 UXOSite14-GW-DPW78A-20180115 0.26471, Description: UXOSite14-GW-DPW78A-20180115

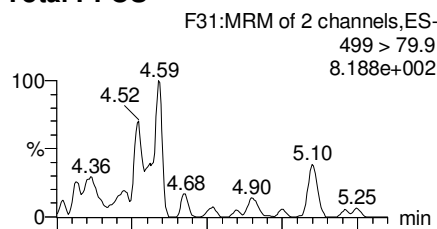
Total PFOA



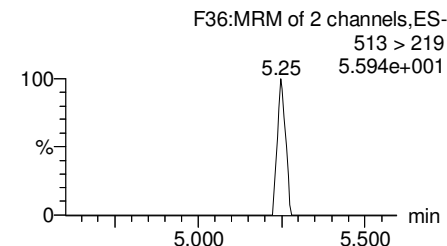
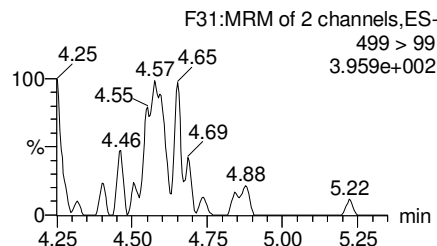
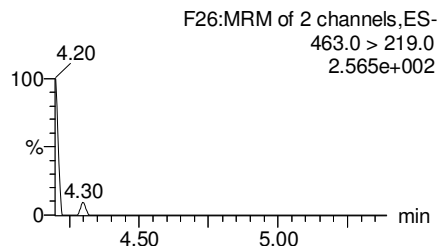
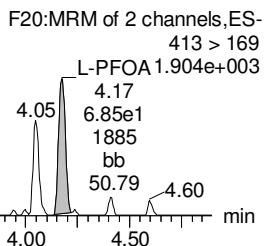
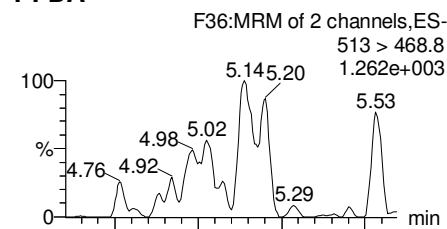
PFNA



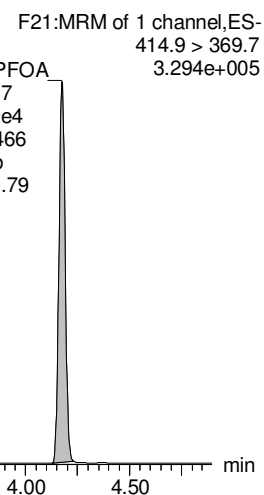
Total PFOS



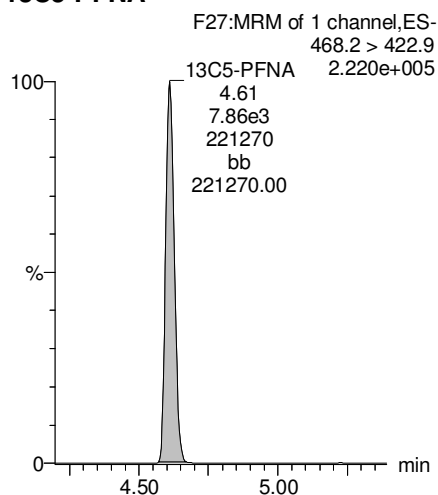
PFDA



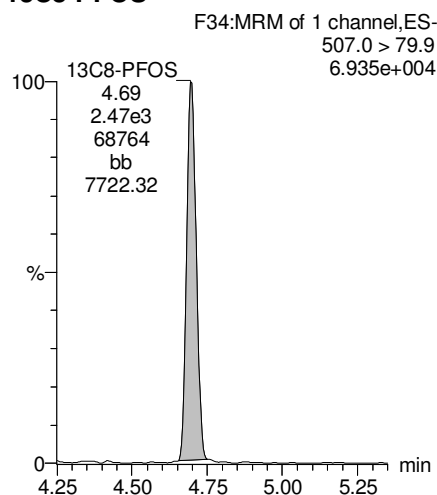
13C2-PFOA



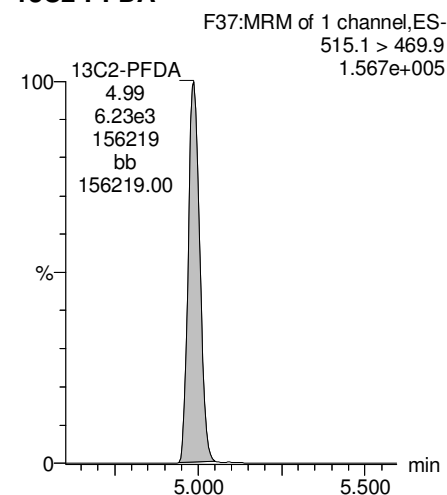
13C5-PFNA



13C8-PFOS



13C2-PFDA



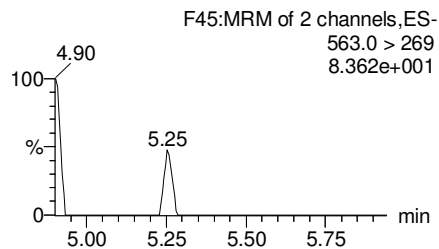
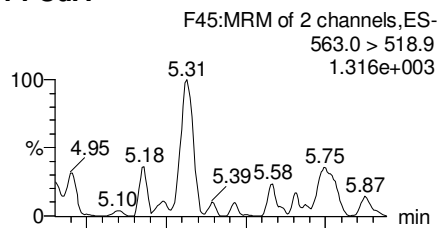
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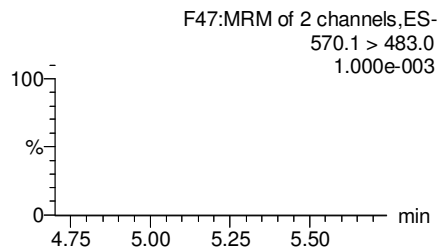
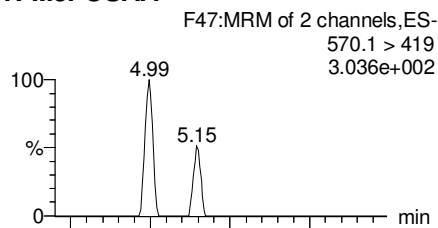
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Name: 180130M2_37, Date: 30-Jan-2018, Time: 18:26:15, ID: 1800121-09 UXOSite14-GW-DPW78A-20180115 0.26471, Description: UXOSite14-GW-DPW78A-20180115

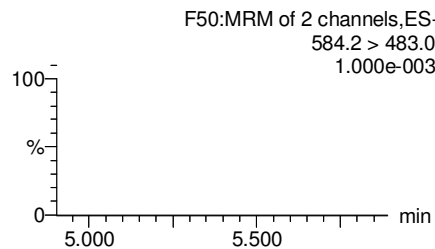
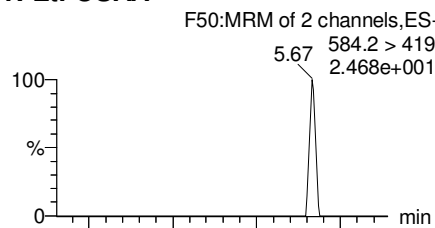
PFUdA



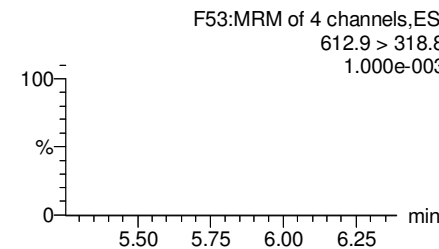
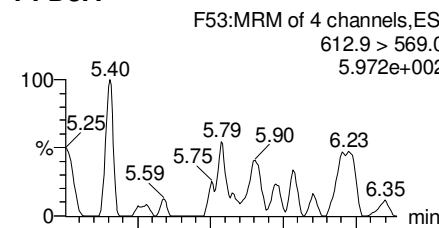
N-MeFOSAA



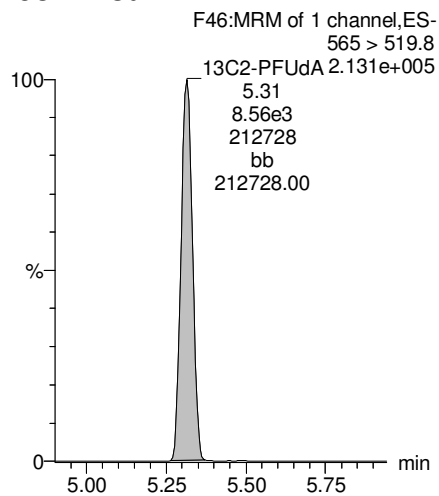
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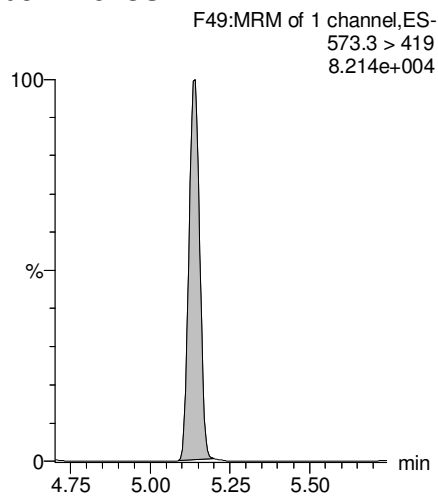
PFDoA



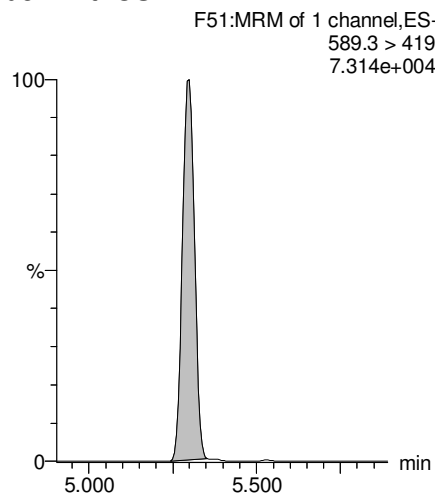
13C2-PFUdA



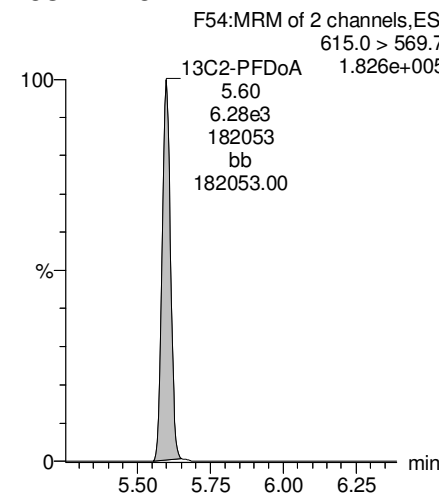
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDoA



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-37.qld

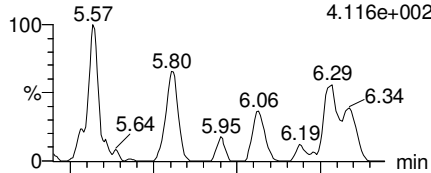
Last Altered: Monday, February 05, 2018 12:12:33 Pacific Standard Time

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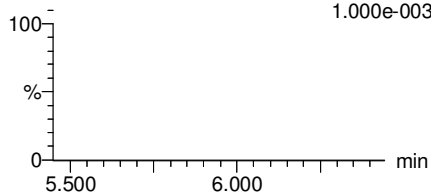
Name: 180130M2_37, Date: 30-Jan-2018, Time: 18:26:15, ID: 1800121-09 UXOSite14-GW-DPW78A-20180115 0.26471, Description: UXOSite14-GW-DPW78A-20180115

PFTrDA

F59:MRM of 2 channels,ES-
662.9 > 618.9
4.116e+002

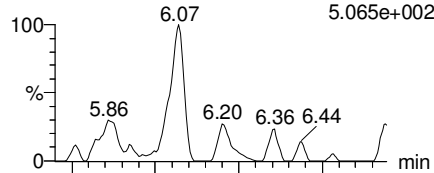


F59:MRM of 2 channels,ES-
662.9 > 319
1.000e-003

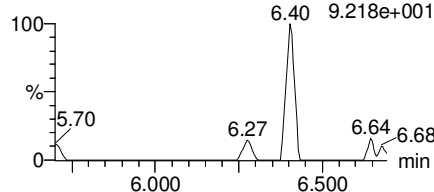


PFTeDA

F60:MRM of 2 channels,ES-
712.9 > 668.8
5.065e+002

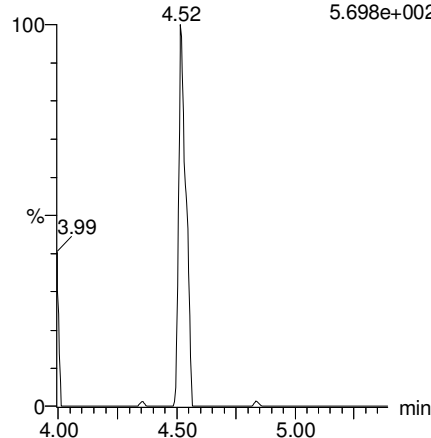


F60:MRM of 2 channels,ES-
712.9 > 369
9.218e+001



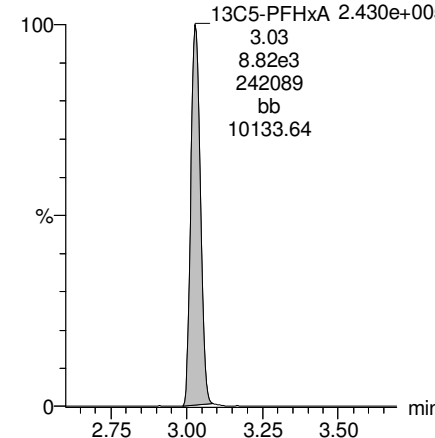
TCDA

F30:MRM of 3 channels,ES-
498.3 > 106.9
5.698e+002



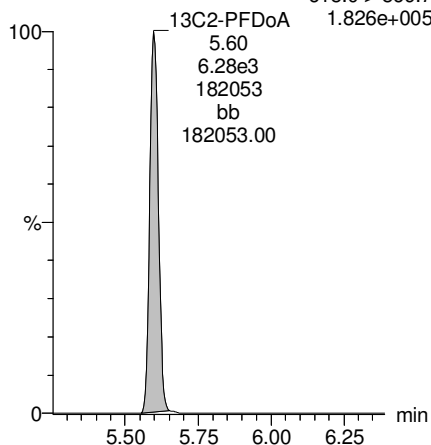
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
2.430e+005



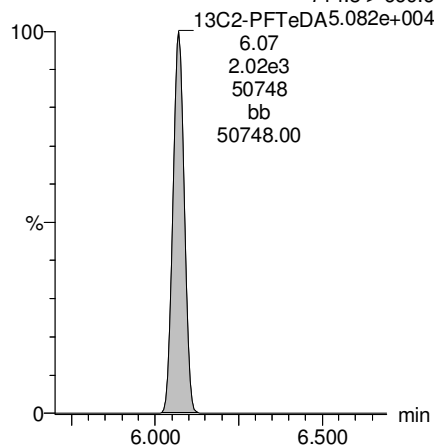
13C2-PFDoA

F54:MRM of 2 channels,ES-
615.0 > 569.7
1.826e+005



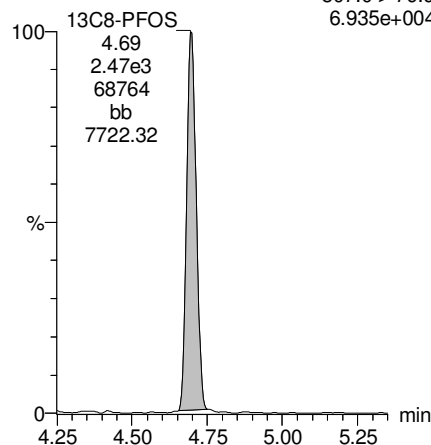
13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6
5.082e+004



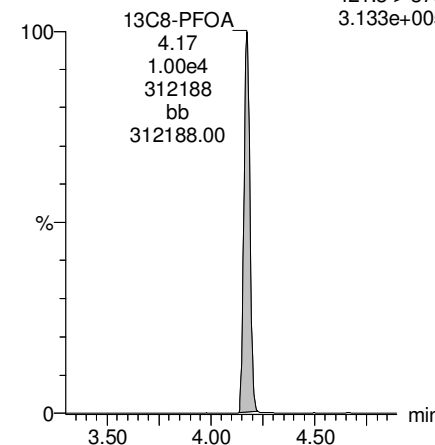
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9
6.935e+004



13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
3.133e+005

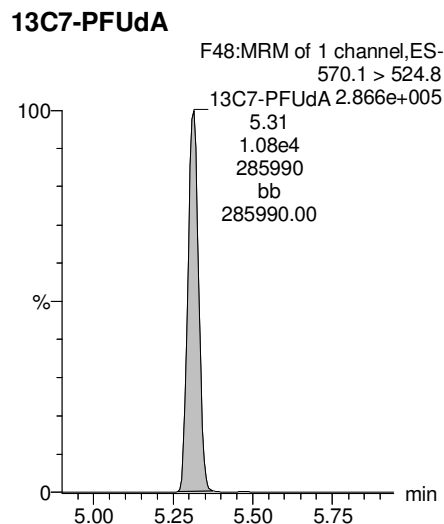
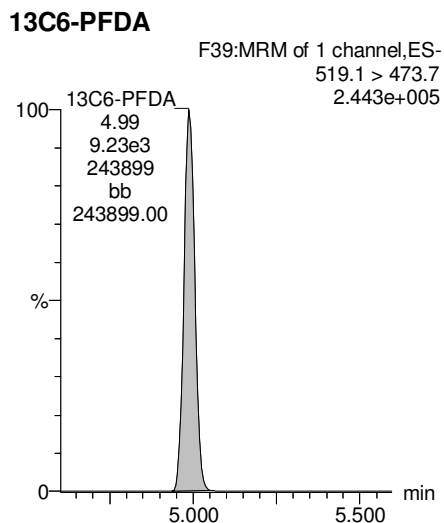
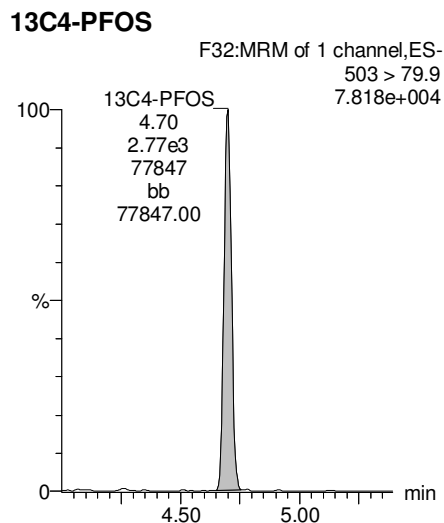
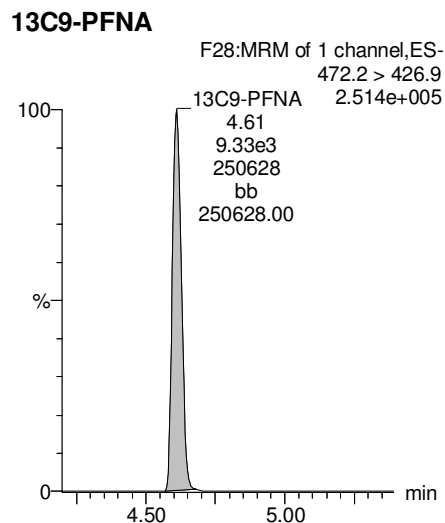
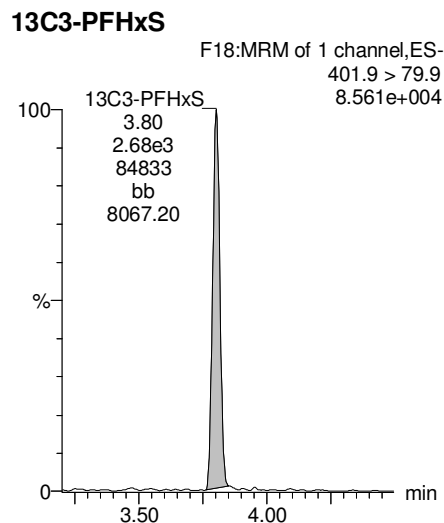


Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-37.qld

Last Altered: Monday, February 05, 2018 12:12:33 Pacific Standard Time

Printed: Monday, February 05, 2018 12:13:26 Pacific Standard Time

Name: 180130M2_37, Date: 30-Jan-2018, Time: 18:26:15, ID: 1800121-09 UXOSite14-GW-DPW78A-20180115 0.26471, Description: UXOSite14-GW-DPW78A-20180115



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-38.qld

Last Altered: Monday, February 05, 2018 12:14:46 Pacific Standard Time

Printed: Monday, February 05, 2018 12:15:22 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_38, Date: 30-Jan-2018, Time: 18:37:42, ID: 1800121-10 UXOSite14-GW-DPW77A-20180115 0.26267, Description: UXOSite14-GW-DPW77A-20180115

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7		1.05e3	0.263		2.56				
2	5 PFHxA	313.2 > 268.9		2.30e3	0.263		3.05				
3	7 PFHpA	363.0 > 318.9		6.23e3	0.263		3.68				
4	8 L-PFHxS	398.9 > 79.6		7.98e2	0.263		3.80				
5	11 L-PFOA	413 > 368.7	1.41e2	1.04e4	0.263		4.20	4.17	0.169	0.3515	
6	14 PFNA	463.0 > 418.8		7.75e3	0.263		4.65				
7	16 L-PFOS	499 > 79.9		2.40e3	0.263		4.75				
8	18 PFDA	513 > 468.8		7.24e3	0.263		5.03				
9	21 N-MeFOSAA	570.1 > 419		2.89e3	0.263		5.20				
10	22 N-EtFOSAA	584.2 > 419		2.85e3	0.263		5.30				
11	23 PFUdA	563.0 > 518.9		8.70e3	0.263		5.36				

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-38.qld

Last Altered: Monday, February 05, 2018 12:14:46 Pacific Standard Time

Printed: Monday, February 05, 2018 12:15:31 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_38, Date: 30-Jan-2018, Time: 18:37:42, ID: 1800121-10 UXOSite14-GW-DPW77A-20180115 0.26267, Description: UXOSite14-GW-DPW77A-20180115

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	25	PFDa	612.9 > 569.0	5.65e3	0.263		5.65					
2	27	PFTDA	662.9 > 618.9	2.19e3	0.263		5.90					
3	28	PFTeDA	712.9 > 668.8	2.19e3	0.263		6.12					
4	36	13C3-PFBS	302. > 98.8	1.05e3	8.82e3	0.263	0.109	2.56	2.53	1.49	51.9155	109.1
5	37	13C2-PFHxA	315 > 269.8	2.30e3	8.82e3	0.263	0.684	3.05	3.03	3.25	18.1070	95.1
6	38	13C4-PFHpA	367.2 > 321.8	6.23e3	8.82e3	0.263	0.732	3.68	3.65	8.83	45.9236	96.5
7	39	18O2-PFHxS	403.0 > 102.6	7.98e2	2.05e3	0.263	0.318	3.80	3.80	4.86	58.1080	122.1
8	40	13C2-6:2 FTS	429.1 > 408.9	2.02e3	9.80e3	0.263	0.263	4.15	4.12	2.57	37.2107	78.2
9	41	13C2-PFOA	414.9 > 369.7	1.04e4	9.80e3	0.263	1.120	4.20	4.18	13.3	45.0699	94.7
10	42	13C5-PFNA	468.2 > 422.9	7.75e3	9.24e3	0.263	0.921	4.65	4.62	10.5	43.3539	91.1
11	43	13C8-PFOA	506.1 > 77.7	1.53e3	9.20e3	0.263	0.245	4.70	4.68	2.08	32.3318	67.9
12	44	13C8-PFOS	507.0 > 79.9	2.40e3	2.47e3	0.263	1.034	4.75	4.70	12.1	44.6985	93.9
13	45	13C2-PFDA	515.1 > 469.9	7.24e3	6.86e3	0.263	1.080	5.03	4.99	13.2	46.4845	97.7
14	46	13C2-8:2 FTS	529.1 > 508.7	1.30e3	8.82e3	0.263	0.165	5.00	4.96	1.84	42.4603	89.2
15	47	d3-N-MeFOSAA	573.3 > 419	2.89e3	9.20e3	0.263	0.398	5.20	5.14	3.93	37.5838	79.0
16	48	d5-N-EtFOSAA	589.3 > 419	2.85e3	9.20e3	0.263	0.425	5.30	5.30	3.88	34.7175	73.0
17	49	13C2-PFUDa	565 > 519.8	8.70e3	9.20e3	0.263	1.047	5.36	5.31	11.8	42.9905	90.3
18	50	13C2-PFDa	615.0 > 569.7	5.65e3	9.20e3	0.263	0.805	5.65	5.60	7.67	36.2787	76.2
19	52	13C2-PFTeDA	714.8 > 669.6	2.19e3	9.20e3	0.263	0.367	6.12	6.07	2.97	30.8240	64.8
20	57	13C4-PFBA	217. > 171.8	7.10e3	7.10e3	0.263	1.000	1.30	1.30	12.5	47.5882	100.0
21	58	13C5-PFHxA	318 > 272.9	8.82e3	8.82e3	0.263	1.000	3.05	3.03	12.5	47.5882	100.0
22	59	13C3-PFHxS	401.9 > 79.9	2.05e3	2.05e3	0.263	1.000	3.80	3.80	12.5	47.5882	100.0
23	60	13C8-PFOA	421.3 > 376	9.80e3	9.80e3	0.263	1.000	4.20	4.17	12.5	47.5882	100.0
24	61	13C9-PFNA	472.2 > 426.9	9.24e3	9.24e3	0.263	1.000	4.65	4.61	12.5	47.5882	100.0
25	62	13C4-PFOS	503 > 79.9	2.47e3	2.47e3	0.263	1.000	4.60	4.70	12.5	47.5882	100.0
26	63	13C6-PFDA	519.1 > 473.7	6.86e3	6.86e3	0.263	1.000	5.03	4.99	12.5	47.5882	100.0
27	64	13C7-PFUDa	570.1 > 524.8	9.20e3	9.20e3	0.263	1.000	5.36	5.32	12.5	47.5882	100.0
28	65	Total PFHxS	398.9 > 79.6	0.00e0	7.98e2	0.263		3.70		0.000		
29	66	Total PFOA	413 > 368.7	1.41e2	1.04e4	0.263		4.20		0.169	0.3515	
30	67	Total PFOS	499 > 79.9	0.00e0	2.40e3	0.263		4.70		0.000		
31	68	Total N-MeFOSAA	570.1 > 419	0.00e0	2.89e3	0.263		5.20		0.000		
32	69	Total N-EtFOSAA	584.2 > 419	0.00e0	2.85e3	0.263		5.30		0.000		

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-38.qld

Last Altered: Monday, February 05, 2018 12:14:46 Pacific Standard Time

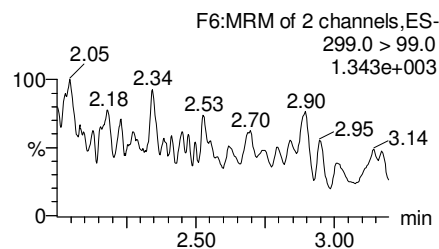
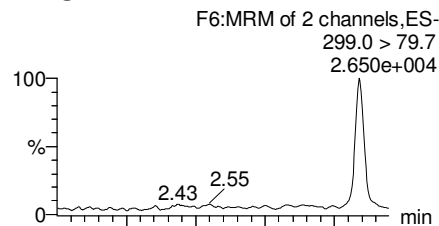
Printed: Monday, February 05, 2018 12:15:31 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

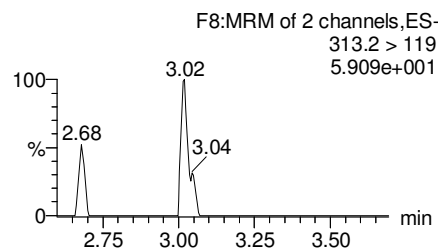
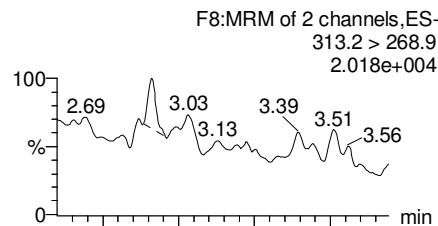
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Name: 180130M2_38, Date: 30-Jan-2018, Time: 18:37:42, ID: 1800121-10 UXOSite14-GW-DPW77A-20180115 0.26267, Description: UXOSite14-GW-DPW77A-20180115

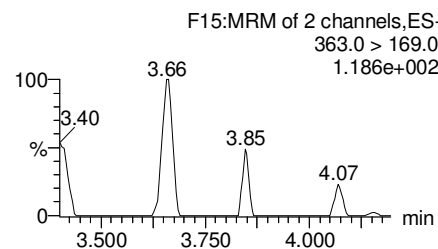
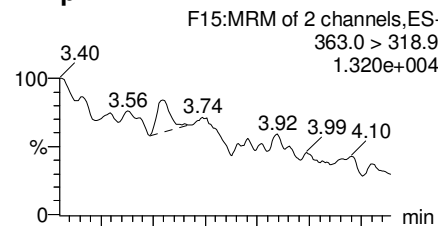
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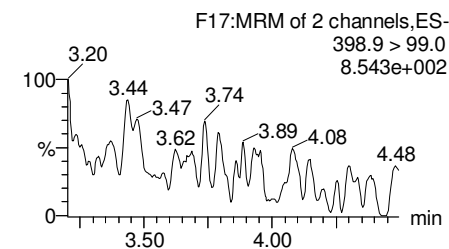
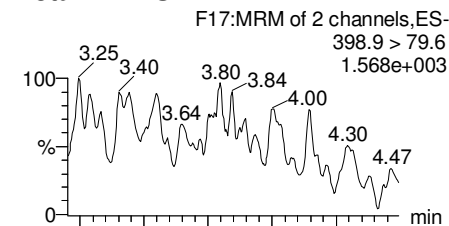
PFHxA



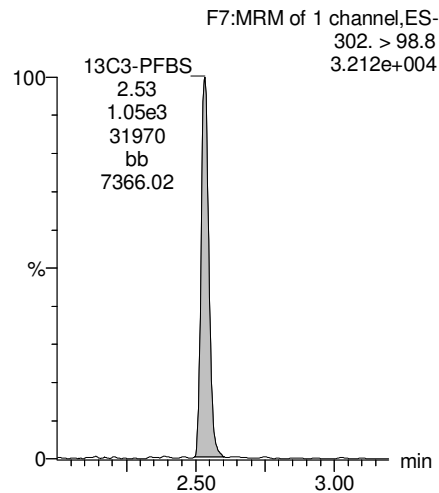
PFHpA



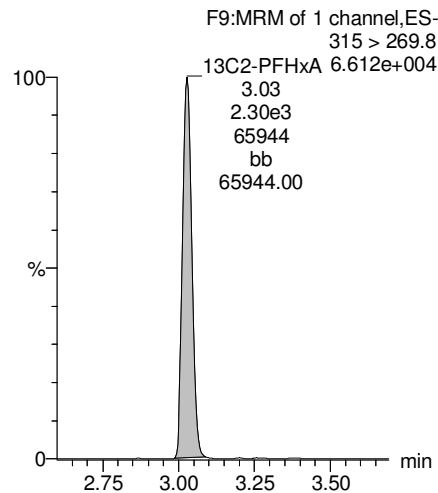
Total PFHxS



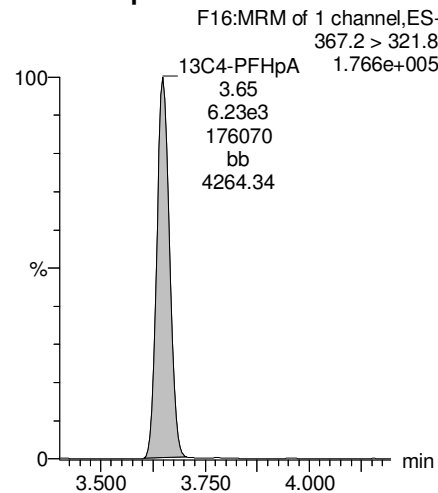
13C3-PFBS



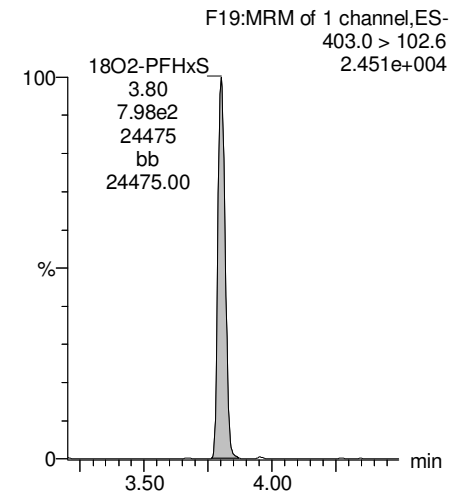
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



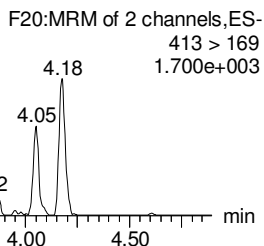
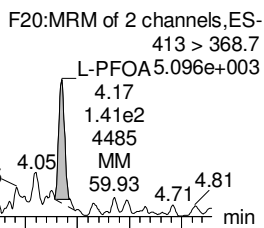
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Last Altered: Monday, February 05, 2018 12:14:46 Pacific Standard Time

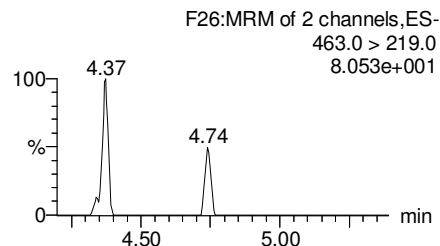
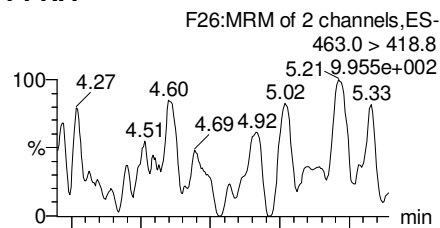
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Name: 180130M2_38, Date: 30-Jan-2018, Time: 18:37:42, ID: 1800121-10 UXOSite14-GW-DPW77A-20180115 0.26267, Description: UXOSite14-GW-DPW77A-20180115

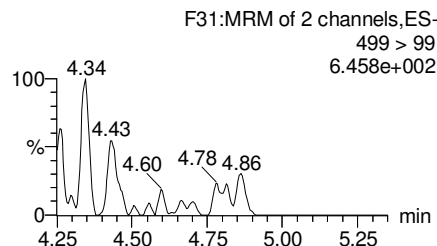
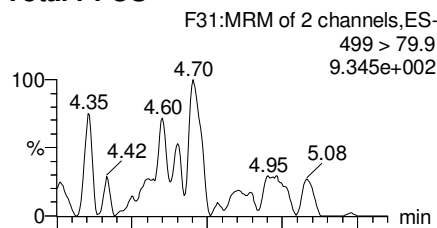
Total PFOA



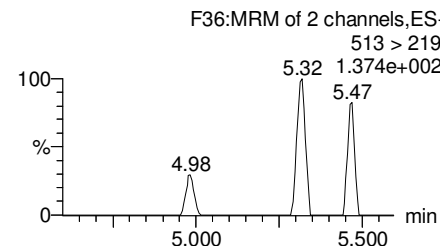
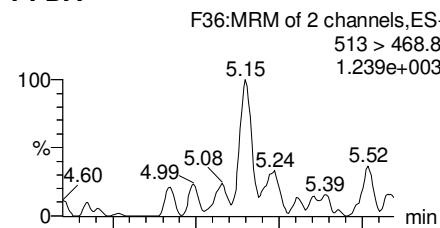
PFNA



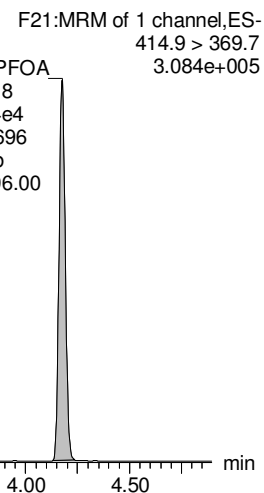
Total PFOS



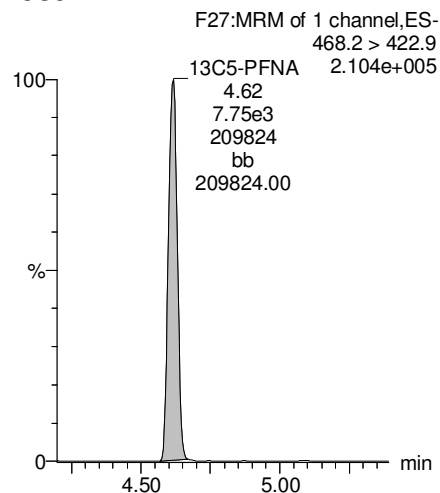
PFDA



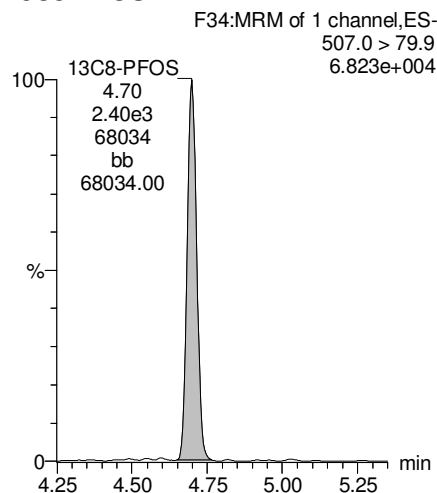
13C2-PFOA



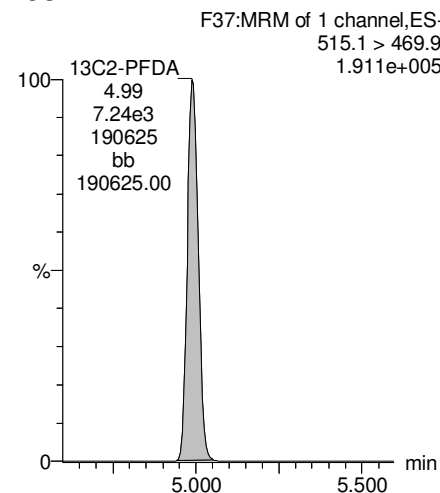
13C5-PFNA



13C8-PFOS



13C2-PFDA



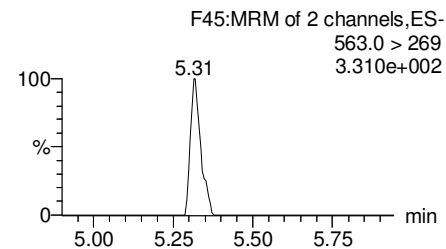
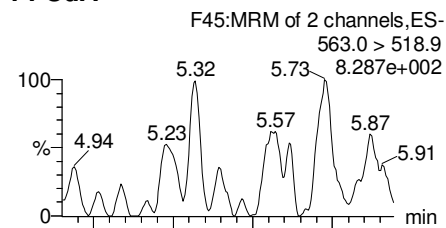
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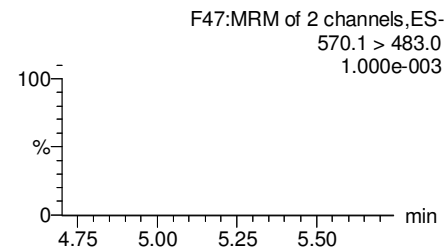
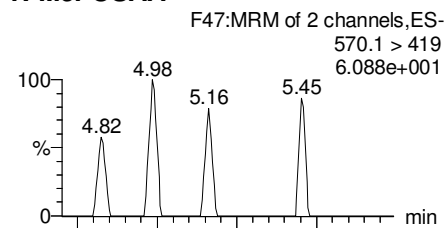
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Name: 180130M2_38, Date: 30-Jan-2018, Time: 18:37:42, ID: 1800121-10 UXOSite14-GW-DPW77A-20180115 0.26267, Description: UXOSite14-GW-DPW77A-20180115

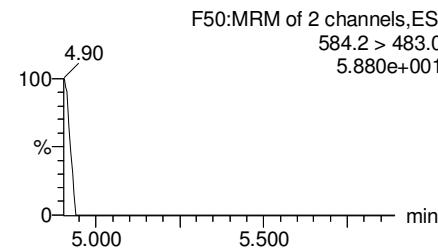
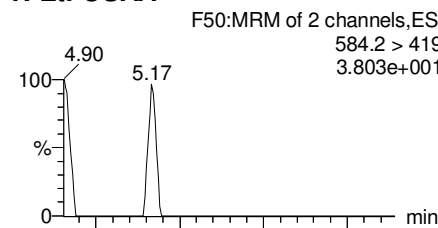
PFUdA



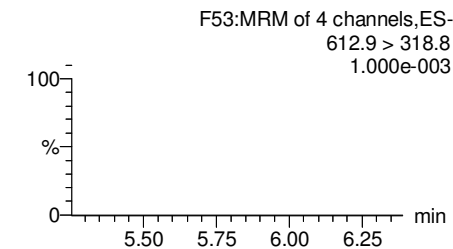
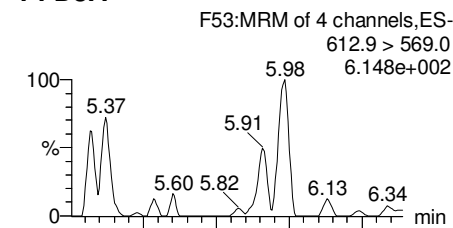
N-MeFOSAA



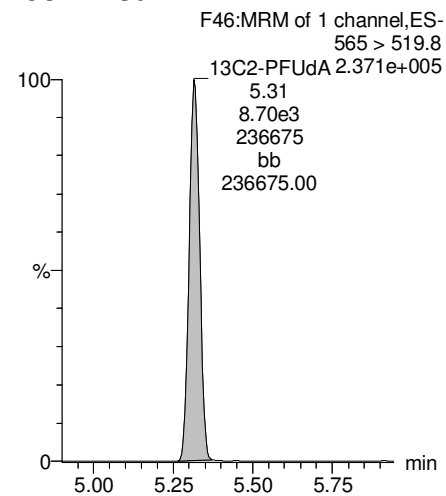
N-EtFOSAA



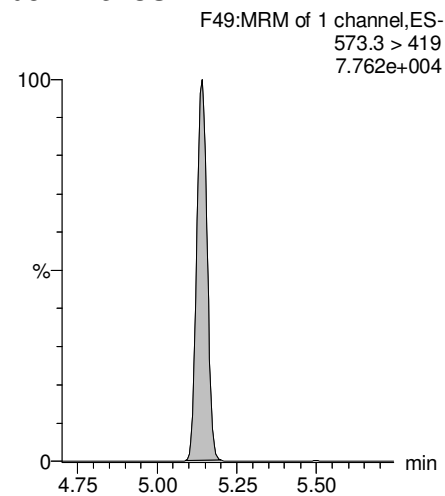
PFDaA



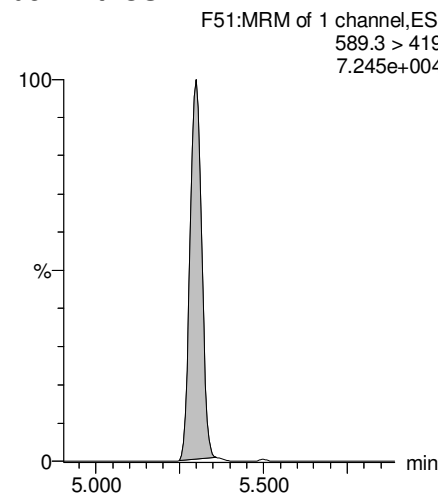
13C2-PFUdA



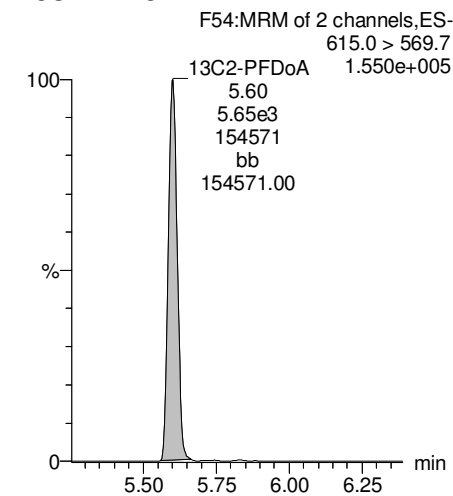
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



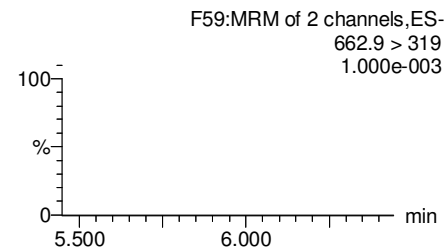
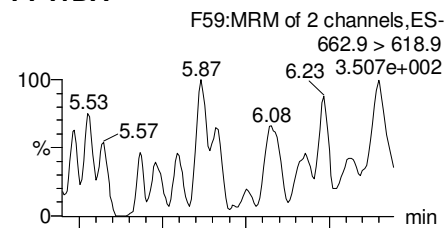
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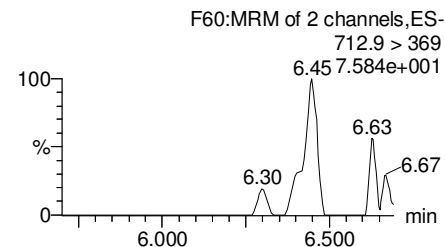
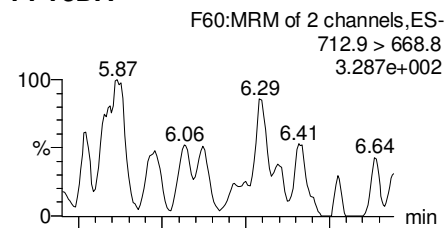
Printed: Monday, February 05, 2018 12:15:31 Pacific Standard Time

Name: 180130M2_38, Date: 30-Jan-2018, Time: 18:37:42, ID: 1800121-10 UXOSite14-GW-DPW77A-20180115 0.26267, Description: UXOSite14-GW-DPW77A-20180115

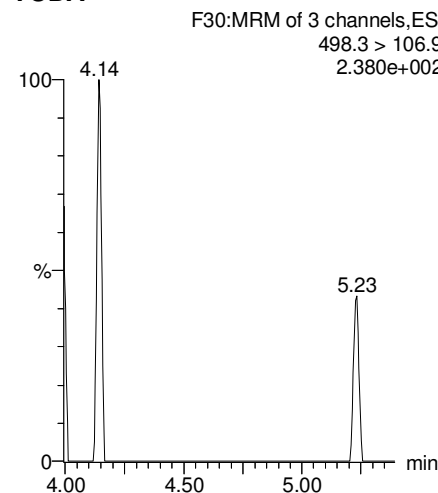
PFTrDA



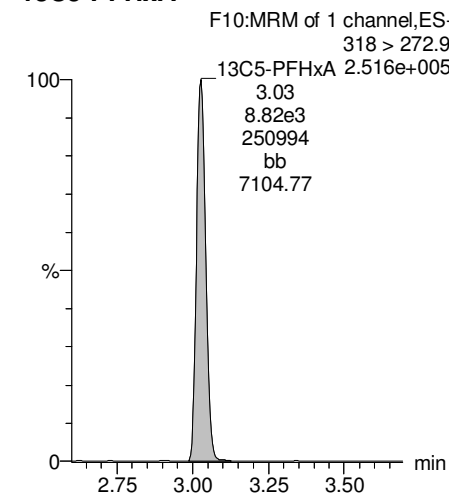
PFTeDA



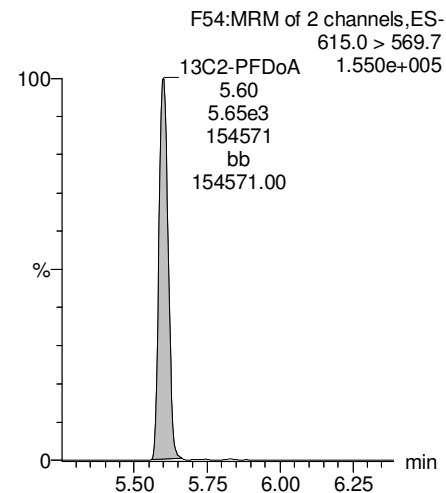
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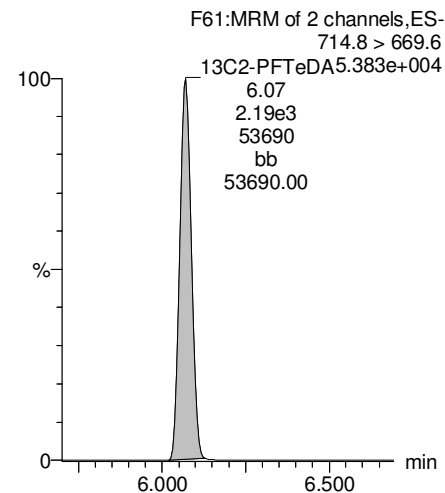
13C5-PFHxA



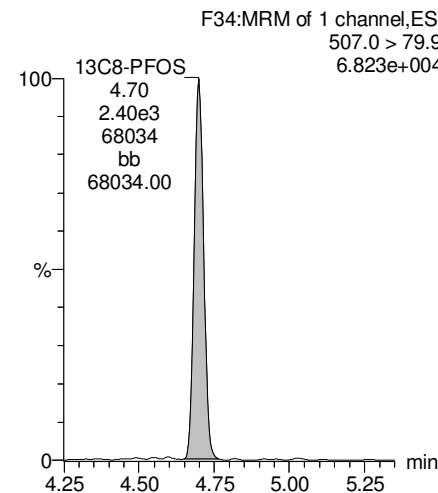
13C2-PFDoA



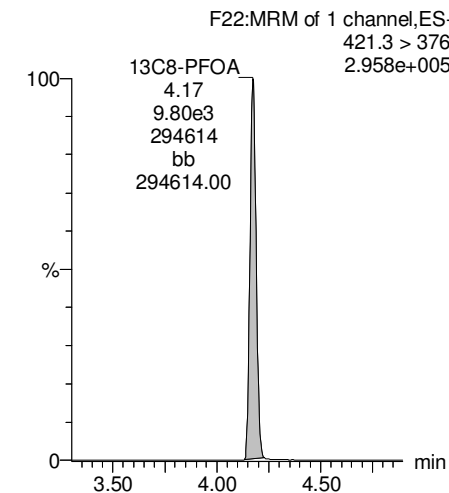
13C2-PFTeDA



13C8-PFOS



13C8-PFOA

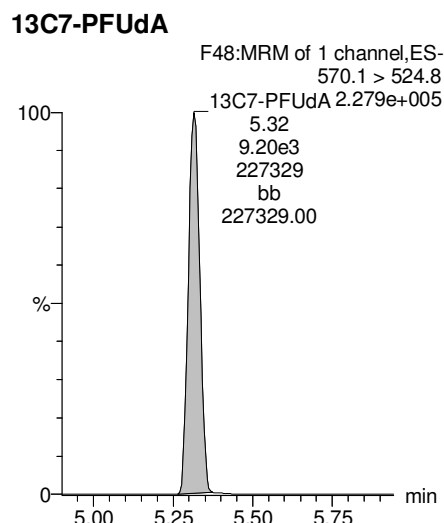
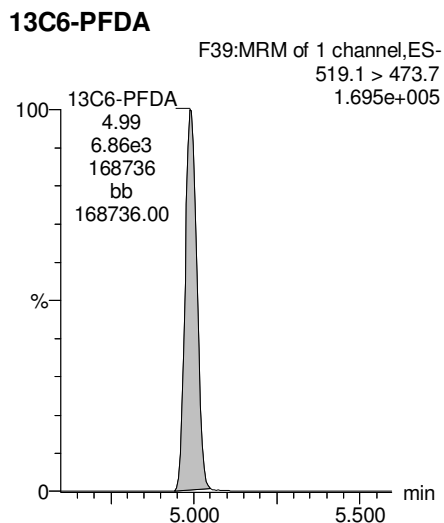
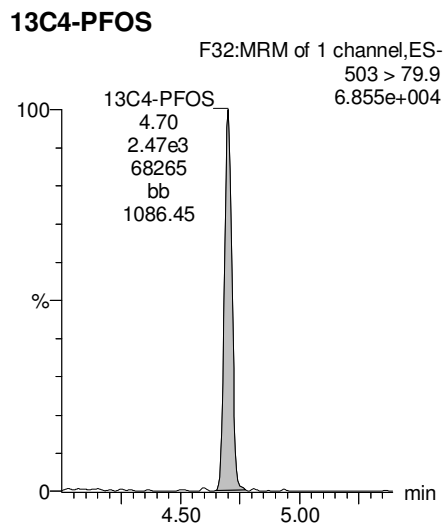
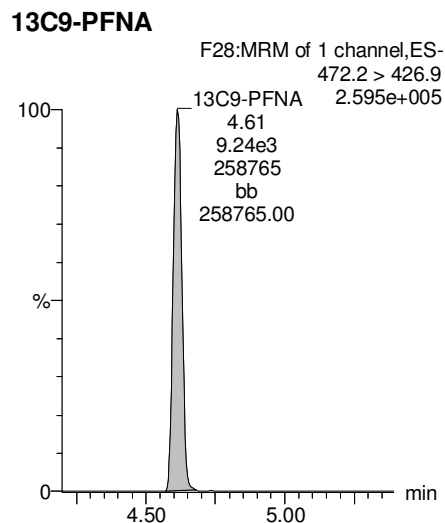
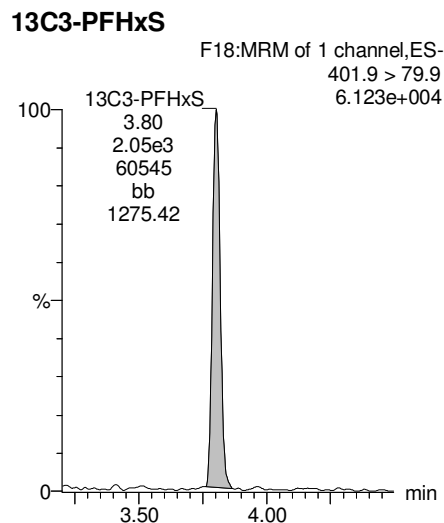


Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-38.qld

Last Altered: Monday, February 05, 2018 12:14:46 Pacific Standard Time

Printed: Monday, February 05, 2018 12:15:31 Pacific Standard Time

Name: 180130M2_38, Date: 30-Jan-2018, Time: 18:37:42, ID: 1800121-10 UXOSite14-GW-DPW77A-20180115 0.26267, Description: UXOSite14-GW-DPW77A-20180115



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-42.qld

Last Altered: Monday, February 05, 2018 12:18:35 Pacific Standard Time

Printed: Monday, February 05, 2018 12:18:54 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_42, Date: 30-Jan-2018, Time: 19:23:37, ID: 1800121-11 IRSite1-GW-01W48A -20180115 0.25842, Description: IRSite1-GW-01W48A -20180115

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7	2.62e2	1.01e3	0.258		2.56	2.54	3.25	6.8124	
2	5 PFHxA	313.2 > 268.9	3.99e3	2.32e3	0.258		3.05	3.04	8.60	20.5080	
3	7 PFHpA	363.0 > 318.9	1.99e3	5.81e3	0.258		3.68	3.65	4.28	13.6195	
4	8 L-PFHxS	398.9 > 79.6	3.85e2	6.46e2	0.258		3.80	3.81	7.44	15.4764	
5	11 L-PFOA	413 > 368.7	4.16e3	7.31e3	0.258		4.20	4.18	7.11	25.9241	
6	14 PFNA	463.0 > 418.8		7.07e3	0.258		4.65				
7	16 L-PFOS	499 > 79.9	2.17e1	2.13e3	0.258		4.75	4.55	0.127	1.0879	
8	18 PFDA	513 > 468.8		6.97e3	0.258		5.03				
9	21 N-MeFOSAA	570.1 > 419		2.61e3	0.258		5.20				
10	22 N-EtFOSAA	584.2 > 419		3.11e3	0.258		5.30				
11	23 PFUdA	563.0 > 518.9		6.36e3	0.258		5.36				

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-42.qld

Last Altered: Monday, February 05, 2018 12:18:35 Pacific Standard Time

Printed: Monday, February 05, 2018 12:19:12 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_42, Date: 30-Jan-2018, Time: 19:23:37, ID: 1800121-11 IRSite1-GW-01W48A -20180115 0.25842, Description: IRSite1-GW-01W48A -20180115

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	25	PFDa	612.9 > 569.0	4.31e3	0.258		5.65					
2	27	PFTDA	662.9 > 618.9	1.73e3	0.258		5.90					
3	28	PFTeDA	712.9 > 668.8	1.73e3	0.258		6.12					
4	36	13C3-PFBS	302. > 98.8	1.01e3	8.99e3	0.258	0.109	2.56	2.54	1.40	49.6795	102.7
5	37	13C2-PFHxA	315 > 269.8	2.32e3	8.99e3	0.258	0.684	3.05	3.04	3.23	18.2661	94.4
6	38	13C4-PFHpA	367.2 > 321.8	5.81e3	8.99e3	0.258	0.732	3.68	3.65	8.08	42.6973	88.3
7	39	18O2-PFHxS	403.0 > 102.6	6.46e2	2.11e3	0.258	0.318	3.80	3.81	3.83	46.5593	96.3
8	40	13C2-6:2 FTS	429.1 > 408.9	1.95e3	8.49e3	0.258	0.263	4.15	4.12	2.86	42.1209	87.1
9	41	13C2-PFOA	414.9 > 369.7	7.31e3	8.49e3	0.258	1.120	4.20	4.18	10.8	37.1522	76.8
10	42	13C5-PFNA	468.2 > 422.9	7.07e3	8.25e3	0.258	0.921	4.65	4.62	10.7	44.9896	93.0
11	43	13C8-PFOA	506.1 > 77.7	1.36e3	9.50e3	0.258	0.245	4.70	4.68	1.79	28.3375	58.6
12	44	13C8-PFOS	507.0 > 79.9	2.13e3	1.92e3	0.258	1.034	4.75	4.70	13.8	51.8146	107.1
13	45	13C2-PFDA	515.1 > 469.9	6.97e3	7.71e3	0.258	1.080	5.03	4.99	11.3	40.4955	83.7
14	46	13C2-8:2 FTS	529.1 > 508.7	1.12e3	8.99e3	0.258	0.165	5.00	4.96	1.56	36.6809	75.8
15	47	d3-N-MeFOSAA	573.3 > 419	2.61e3	9.50e3	0.258	0.398	5.20	5.14	3.43	33.4148	69.1
16	48	d5-N-EtFOSAA	589.3 > 419	3.11e3	9.50e3	0.258	0.425	5.30	5.30	4.08	37.1950	76.9
17	49	13C2-PFUDa	565 > 519.8	6.36e3	9.50e3	0.258	1.047	5.36	5.31	8.37	30.9189	63.9
18	50	13C2-PFDOA	615.0 > 569.7	4.31e3	9.50e3	0.258	0.805	5.65	5.60	5.67	27.2300	56.3
19	52	13C2-PFTeDA	714.8 > 669.6	1.73e3	9.50e3	0.258	0.367	6.12	6.07	2.27	23.9719	49.6
20	57	13C4-PFBA	217. > 171.8	6.97e3	6.97e3	0.258	1.000	1.30	1.31	12.5	48.3709	100.0
21	58	13C5-PFHxA	318 > 272.9	8.99e3	8.99e3	0.258	1.000	3.05	3.03	12.5	48.3709	100.0
22	59	13C3-PFHxS	401.9 > 79.9	2.11e3	2.11e3	0.258	1.000	3.80	3.80	12.5	48.3709	100.0
23	60	13C8-PFOA	421.3 > 376	8.49e3	8.49e3	0.258	1.000	4.20	4.18	12.5	48.3709	100.0
24	61	13C9-PFNA	472.2 > 426.9	8.25e3	8.25e3	0.258	1.000	4.65	4.62	12.5	48.3709	100.0
25	62	13C4-PFOS	503 > 79.9	1.92e3	1.92e3	0.258	1.000	4.60	4.70	12.5	48.3709	100.0
26	63	13C6-PFDA	519.1 > 473.7	7.71e3	7.71e3	0.258	1.000	5.03	4.99	12.5	48.3709	100.0
27	64	13C7-PFUDa	570.1 > 524.8	9.50e3	9.50e3	0.258	1.000	5.36	5.32	12.5	48.3709	100.0
28	65	Total PFHxS	398.9 > 79.6	3.85e2	6.46e2	0.258		3.70		7.44	15.4764	
29	66	Total PFOA	413 > 368.7	5.88e3	7.31e3	0.258		4.20		10.1	36.5205	
30	67	Total PFOS	499 > 79.9	2.17e1	2.13e3	0.258		4.70		0.127	1.0879	
31	68	Total N-MeFOSAA	570.1 > 419	0.00e0	2.61e3	0.258		5.20		0.000		
32	69	Total N-EtFOSAA	584.2 > 419	0.00e0	3.11e3	0.258		5.30		0.000		

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-42.qld

Last Altered: Monday, February 05, 2018 12:18:35 Pacific Standard Time

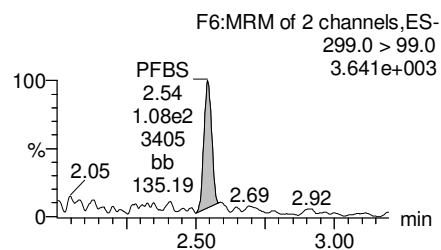
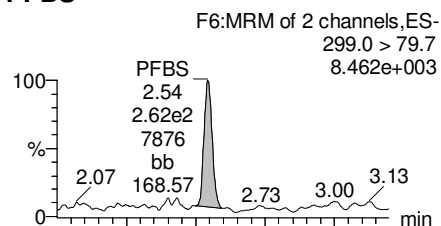
Printed: Monday, February 05, 2018 12:19:12 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

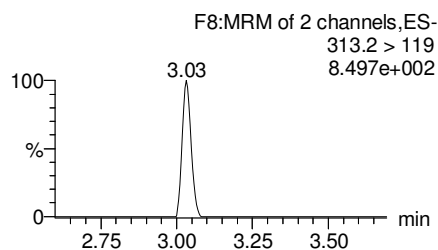
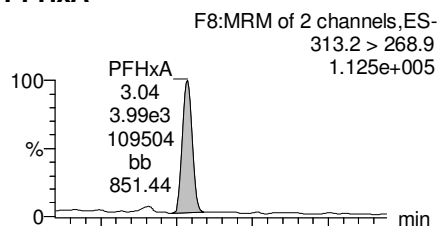
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_42, Date: 30-Jan-2018, Time: 19:23:37, ID: 1800121-11 IRSite1-GW-01W48A -20180115 0.25842, Description: IRSite1-GW-01W48A -20180115

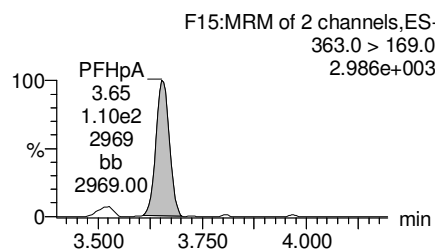
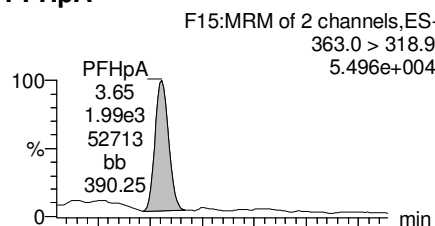
PFBS



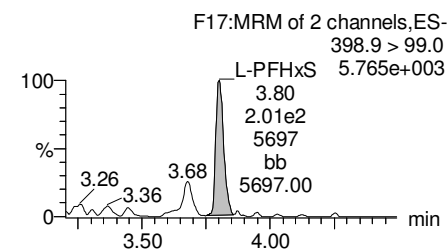
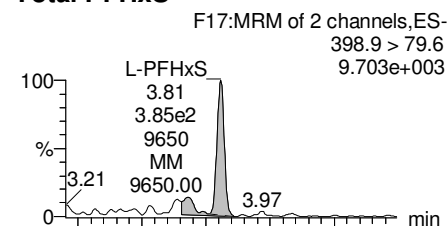
PFHxA



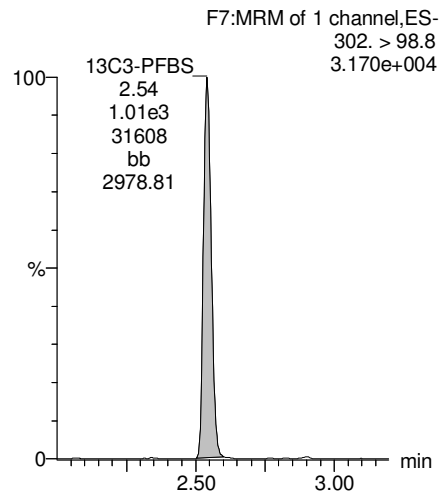
PFHpA



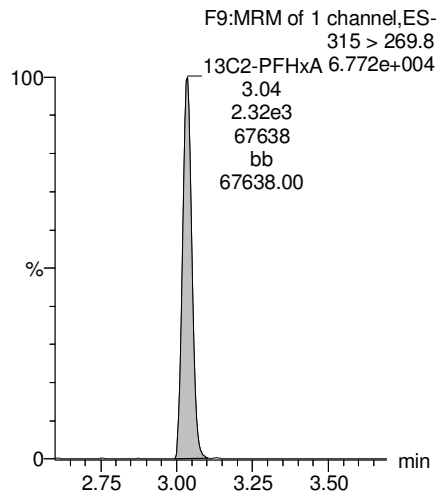
Total PFHxS



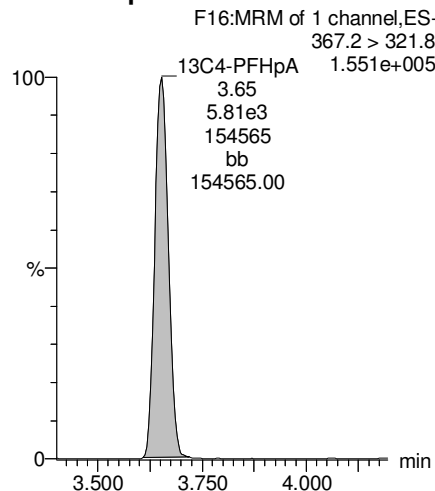
13C3-PFBS



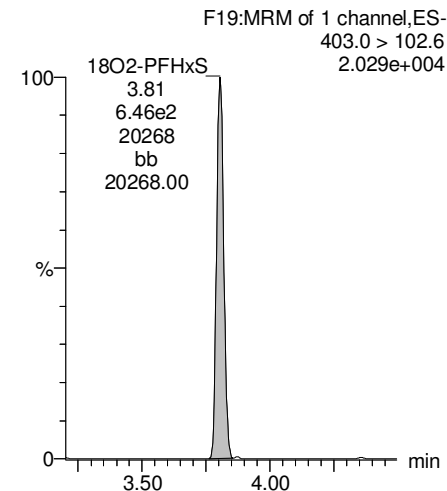
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



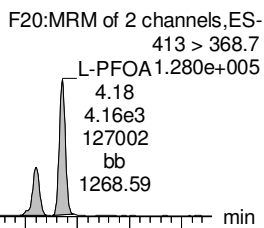
Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-42.qld

Last Altered: Monday, February 05, 2018 12:18:35 Pacific Standard Time

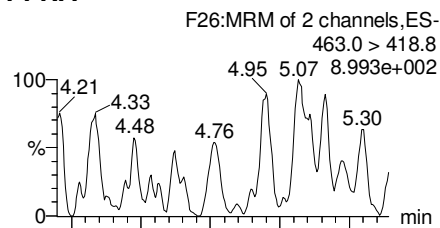
Printed: Monday, February 05, 2018 12:19:12 Pacific Standard Time

Name: 180130M2_42, Date: 30-Jan-2018, Time: 19:23:37, ID: 1800121-11 IRSite1-GW-01W48A -20180115 0.25842, Description: IRSite1-GW-01W48A -20180115

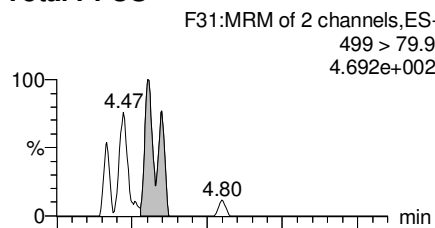
Total PFOA



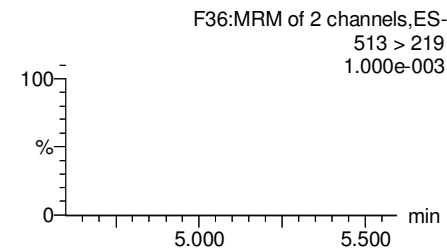
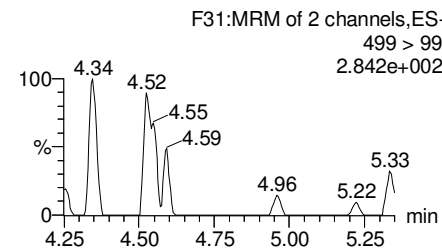
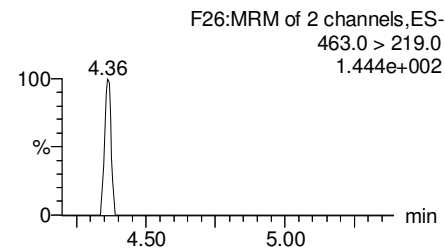
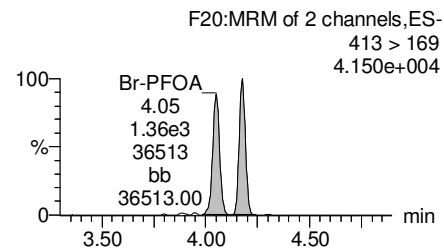
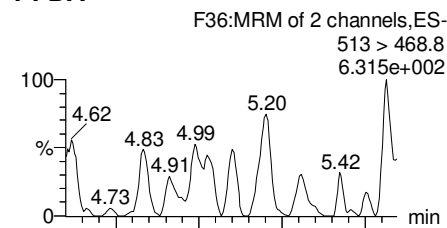
PFNA



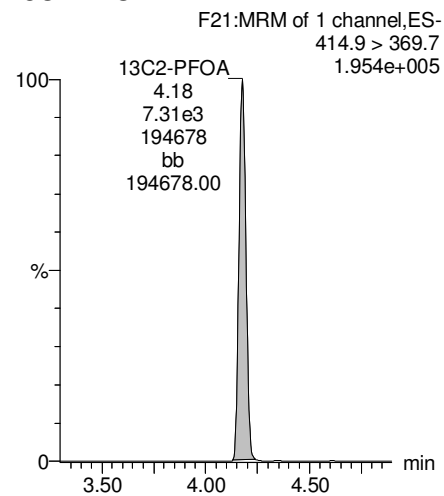
Total PFOS



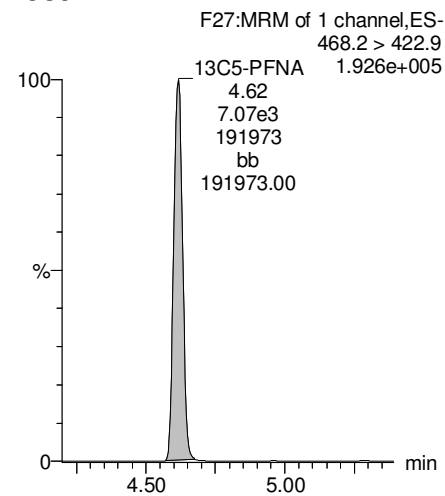
PFDA



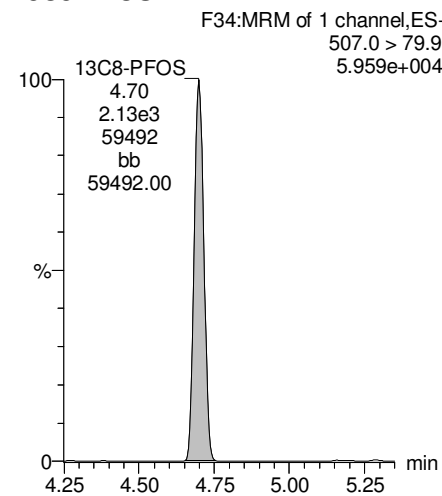
13C2-PFOA



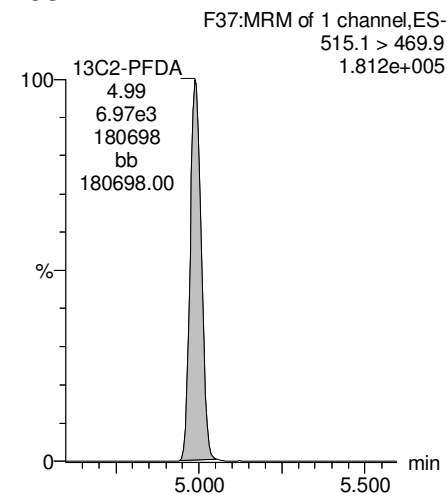
13C5-PFNA



13C8-PFOS



13C2-PFDA



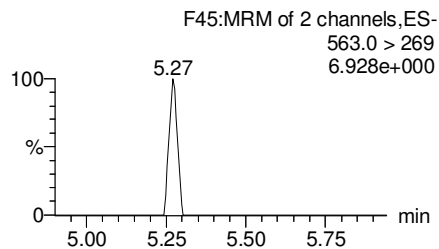
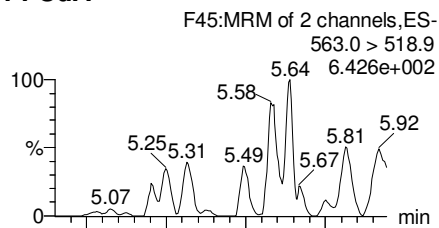
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Last Altered: Monday, February 05, 2018 12:18:35 Pacific Standard Time

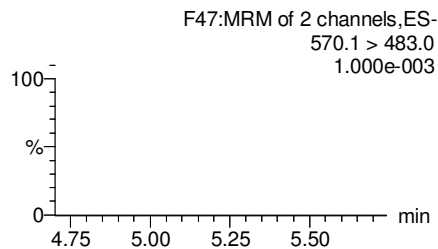
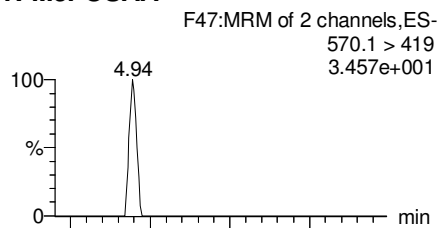
Printed: Monday, February 05, 2018 12:19:12 Pacific Standard Time

Name: 180130M2_42, Date: 30-Jan-2018, Time: 19:23:37, ID: 1800121-11 IRSite1-GW-01W48A -20180115 0.25842, Description: IRSite1-GW-01W48A -20180115

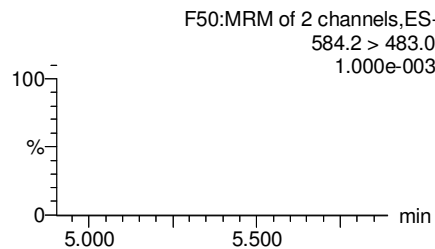
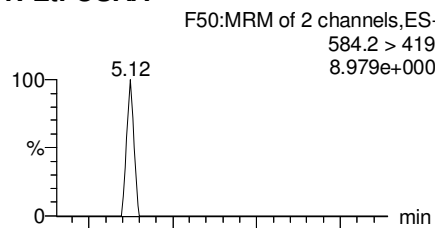
PFUdA



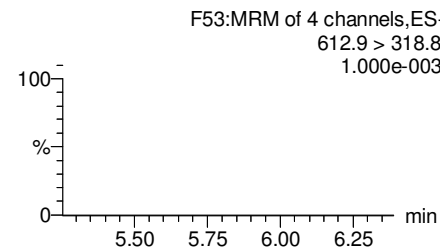
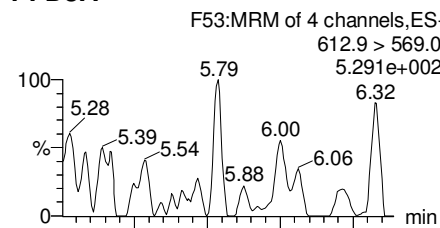
N-MeFOSAA



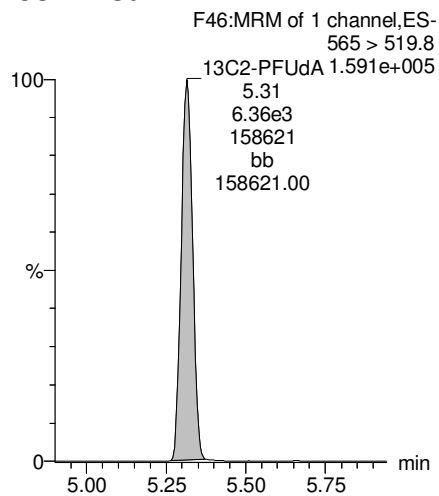
N-EtFOSAA



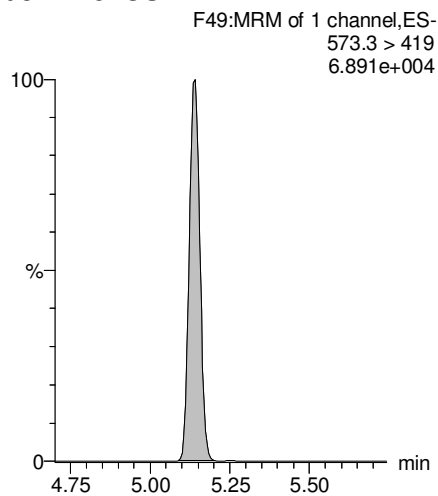
PFDaA



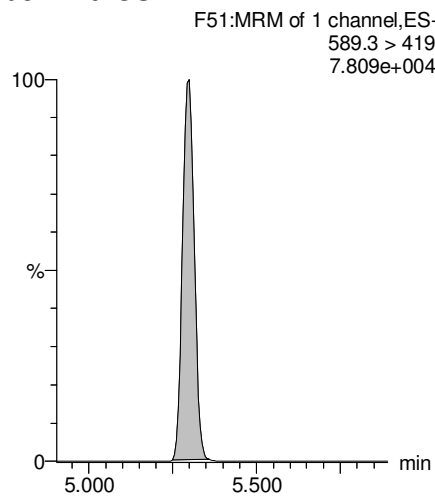
13C2-PFUdA



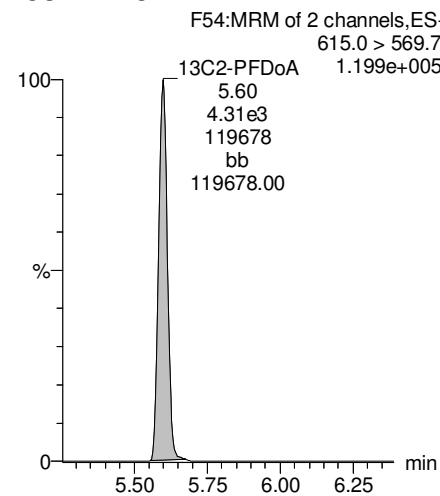
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



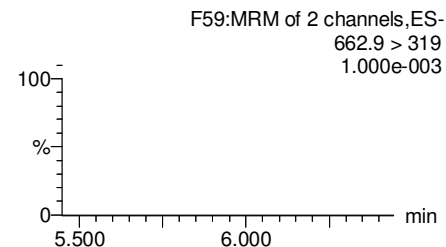
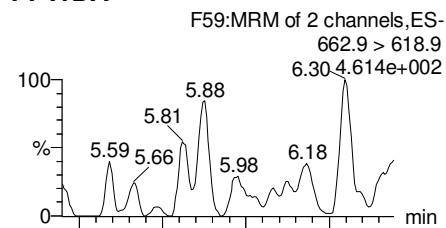
Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-42.qld

Last Altered: Monday, February 05, 2018 12:18:35 Pacific Standard Time

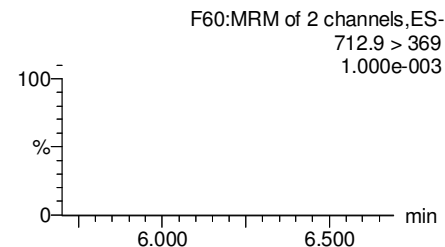
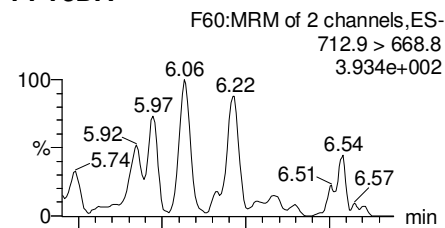
Printed: Monday, February 05, 2018 12:19:12 Pacific Standard Time

Name: 180130M2_42, Date: 30-Jan-2018, Time: 19:23:37, ID: 1800121-11 IRSite1-GW-01W48A -20180115 0.25842, Description: IRSite1-GW-01W48A -20180115

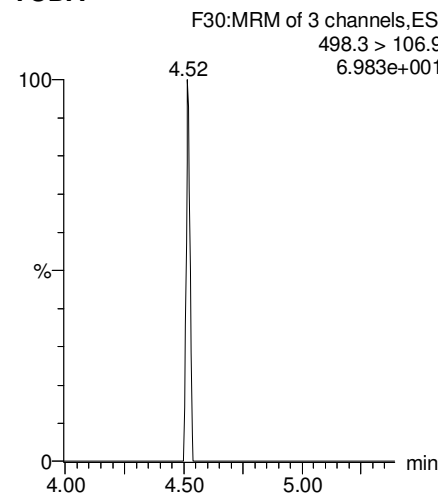
PFTrDA



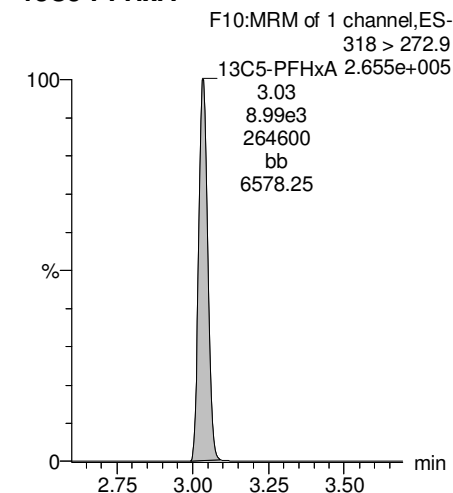
PFTeDA



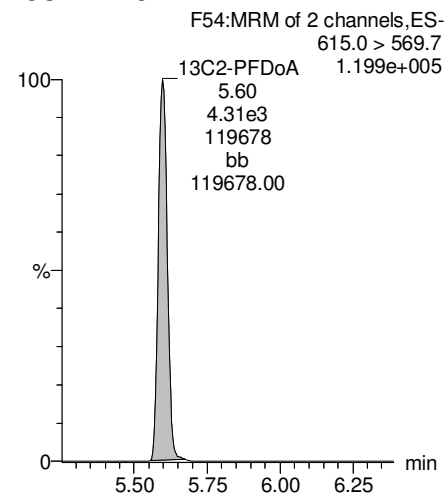
TCDA



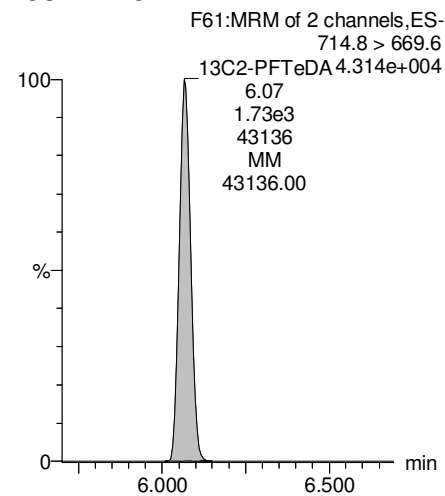
13C5-PFHxA



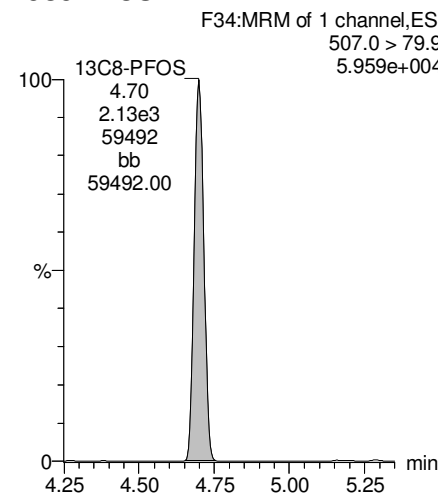
13C2-PFDoA



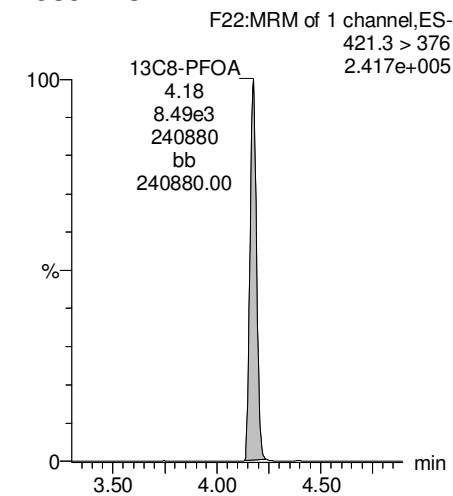
13C2-PFTeDA



13C8-PFOS



13C8-PFOA



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-42.qld

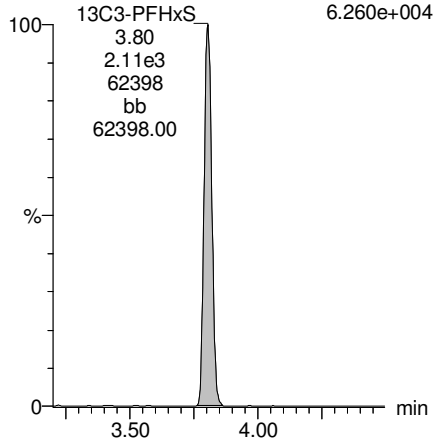
Last Altered: Monday, February 05, 2018 12:18:35 Pacific Standard Time

Printed: Monday, February 05, 2018 12:19:12 Pacific Standard Time

Name: 180130M2_42, Date: 30-Jan-2018, Time: 19:23:37, ID: 1800121-11 IRSite1-GW-01W48A -20180115 0.25842, Description: IRSite1-GW-01W48A -20180115

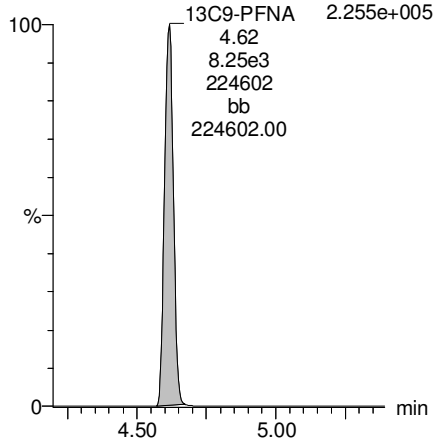
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
6.260e+004



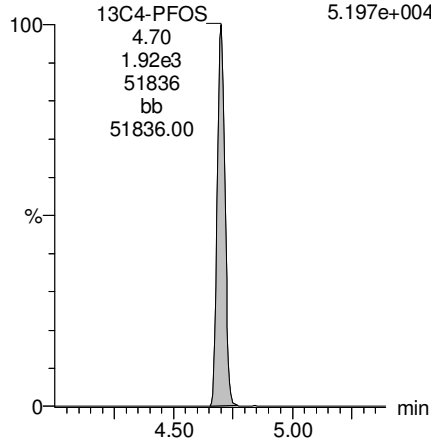
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
2.255e+005



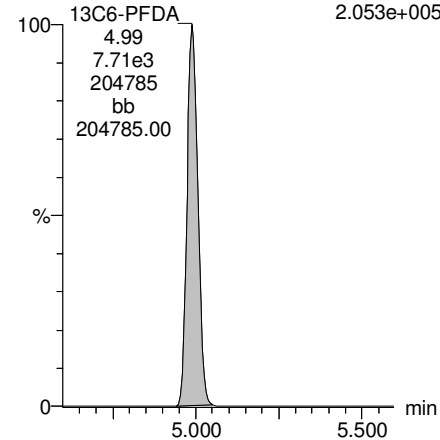
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
5.197e+004



13C6-PFDA

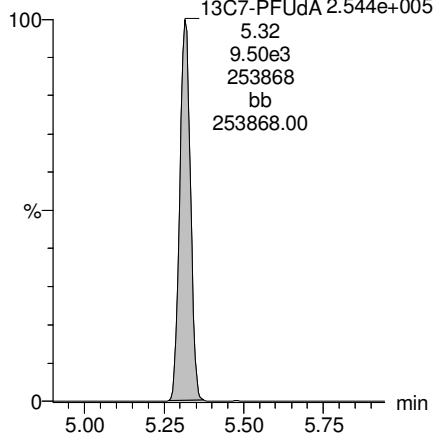
F39:MRM of 1 channel,ES-
519.1 > 473.7
2.053e+005



13C7-PFUDA

F48:MRM of 1 channel,ES-
570.1 > 524.8

13C7-PFUDA 2.544e+005
5.32
9.50e3
253868
bb
253868.00



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-30.qld

Last Altered: Monday, February 05, 2018 11:30:34 Pacific Standard Time

Printed: Monday, February 05, 2018 11:31:25 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_30, Date: 30-Jan-2018, Time: 17:05:57, ID: B8A0115-MS1 Matrix Spike 0.25673, Description: Matrix Spike

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7	1.91e3	1.17e3	0.257		2.56	2.54	20.5	44.1859	
2	5 PFHxA	313.2 > 268.9	1.27e4	2.40e3	0.257		3.05	3.03	26.5	64.4388	
3	7 PFHpA	363.0 > 318.9	9.37e3	7.45e3	0.257		3.68	3.65	15.7	51.5067	
4	8 L-PFHxS	398.9 > 79.6	1.85e3	7.09e2	0.257		3.80	3.80	32.5	68.2032	
5	11 L-PFOA	413 > 368.7	1.15e4	8.98e3	0.257		4.20	4.17	16.0	59.3730	
6	14 PFNA	463.0 > 418.8	7.47e3	7.65e3	0.257		4.65	4.61	12.2	38.3172	
7	16 L-PFOS	499 > 79.9	1.97e3	2.13e3	0.257		4.75	4.69	11.5	42.0058	
8	18 PFDA	513 > 468.8	8.04e3	8.36e3	0.257		5.03	4.99	12.0	35.8743	
9	21 N-MeFOSAA	570.1 > 419	3.47e3	2.90e3	0.257		5.20	5.14	15.0	37.2394	
10	22 N-EtFOSAA	584.2 > 419	3.17e3	3.23e3	0.257		5.30	5.30	12.2	43.5099	
11	23 PFUdA	563.0 > 518.9	8.63e3	9.70e3	0.257		5.36	5.31	11.1	36.8406	

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-30.qld

Last Altered: Monday, February 05, 2018 11:30:34 Pacific Standard Time

Printed: Monday, February 05, 2018 11:31:39 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_30, Date: 30-Jan-2018, Time: 17:05:57, ID: B8A0115-MS1 Matrix Spike 0.25673, Description: Matrix Spike

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	25 PFD _o A	612.9 > 569.0	9.33e3	5.41e3	0.257		5.65	5.60	21.6	56.5232	
2	27 PFT _r DA	662.9 > 618.9	8.15e3	2.65e3	0.257		5.90	5.85	38.5	39.8471	
3	28 PFT _e DA	712.9 > 668.8	4.83e3	2.65e3	0.257		6.12	6.06	22.8	38.4259	
4	36 13C3-PFBS	302. > 98.8	1.17e3	9.45e3	0.257	0.109	2.56	2.53	1.55	55.1537	113.3
5	37 13C2-PFH _x A	315 > 269.8	2.40e3	9.45e3	0.257	0.684	3.05	3.03	3.17	18.0476	92.7
6	38 13C4-PFH _p A	367.2 > 321.8	7.45e3	9.45e3	0.257	0.732	3.68	3.65	9.85	52.4237	107.7
7	39 18O2-PFH _x S	403.0 > 102.6	7.09e2	2.30e3	0.257	0.318	3.80	3.80	3.85	47.0669	96.7
8	40 13C2-6:2 FTS	429.1 > 408.9	1.93e3	8.26e3	0.257	0.263	4.15	4.12	2.92	43.2688	88.9
9	41 13C2-PFOA	414.9 > 369.7	8.98e3	8.26e3	0.257	1.120	4.20	4.17	13.6	47.2631	97.1
10	42 13C5-PFNA	468.2 > 422.9	7.65e3	9.79e3	0.257	0.921	4.65	4.61	9.77	41.3545	84.9
11	43 13C8-PFOA	506.1 > 77.7	1.59e3	9.23e3	0.257	0.245	4.70	4.67	2.16	34.3358	70.5
12	44 13C8-PFOS	507.0 > 79.9	2.13e3	2.73e3	0.257	1.034	4.75	4.69	9.76	36.7807	75.5
13	45 13C2-PFDA	515.1 > 469.9	8.36e3	8.61e3	0.257	1.080	5.03	4.99	12.1	43.7856	89.9
14	46 13C2-8:2 FTS	529.1 > 508.7	1.07e3	9.45e3	0.257	0.165	5.00	4.96	1.42	33.4667	68.7
15	47 d3-N-MeFOSAA	573.3 > 419	2.90e3	9.23e3	0.257	0.398	5.20	5.14	3.93	38.4638	79.0
16	48 d5-N-EtFOSAA	589.3 > 419	3.23e3	9.23e3	0.257	0.425	5.30	5.30	4.38	40.1766	82.5
17	49 13C2-PFUD _a	565 > 519.8	9.70e3	9.23e3	0.257	1.047	5.36	5.31	13.1	48.8591	100.3
18	50 13C2-PFD _o A	615.0 > 569.7	5.41e3	9.23e3	0.257	0.805	5.65	5.60	7.33	35.4745	72.9
19	52 13C2-PFT _e DA	714.8 > 669.6	2.65e3	9.23e3	0.257	0.367	6.12	6.07	3.59	38.0907	78.2
20	57 13C4-PFBA	217. > 171.8	7.84e3	7.84e3	0.257	1.000	1.30	1.31	12.5	48.6893	100.0
21	58 13C5-PFH _x A	318 > 272.9	9.45e3	9.45e3	0.257	1.000	3.05	3.03	12.5	48.6893	100.0
22	59 13C3-PFH _x S	401.9 > 79.9	2.30e3	2.30e3	0.257	1.000	3.80	3.80	12.5	48.6893	100.0
23	60 13C8-PFOA	421.3 > 376	8.26e3	8.26e3	0.257	1.000	4.20	4.17	12.5	48.6893	100.0
24	61 13C9-PFNA	472.2 > 426.9	9.79e3	9.79e3	0.257	1.000	4.65	4.61	12.5	48.6893	100.0
25	62 13C4-PFOS	503 > 79.9	2.73e3	2.73e3	0.257	1.000	4.60	4.70	12.5	48.6893	100.0
26	63 13C6-PFDA	519.1 > 473.7	8.61e3	8.61e3	0.257	1.000	5.03	4.99	12.5	48.6893	100.0
27	64 13C7-PFUD _a	570.1 > 524.8	9.23e3	9.23e3	0.257	1.000	5.36	5.31	12.5	48.6893	100.0
28	65 Total PFH _x S	398.9 > 79.6	1.85e3	7.09e2	0.257		3.70		32.5	68.2032	
29	66 Total PFOA	413 > 368.7	1.31e4	8.98e3	0.257		4.20		18.3	67.6536	
30	67 Total PFOS	499 > 79.9	1.97e3	2.13e3	0.257		4.70		11.5	42.0058	
31	68 Total N-MeFOSAA	570.1 > 419	3.47e3	2.90e3	0.257		5.20		15.0	37.2394	
32	69 Total N-EtFOSAA	584.2 > 419	3.17e3	3.23e3	0.257		5.30		12.2	43.5099	

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-30.qld

Last Altered: Monday, February 05, 2018 11:30:34 Pacific Standard Time

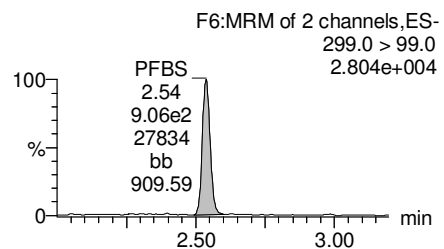
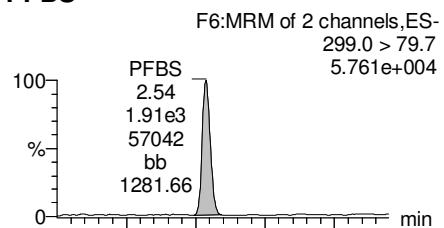
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Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

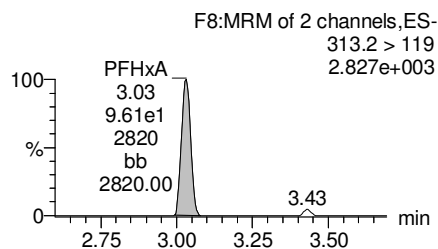
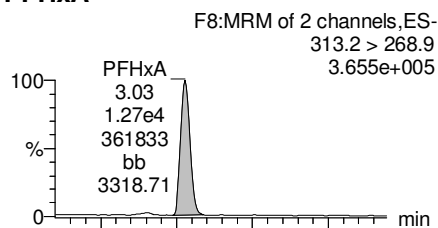
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Name: 180130M2_30, Date: 30-Jan-2018, Time: 17:05:57, ID: B8A0115-MS1 Matrix Spike 0.25673, Description: Matrix Spike

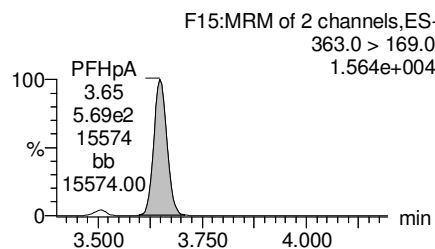
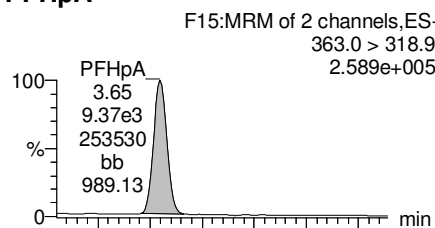
PFBS



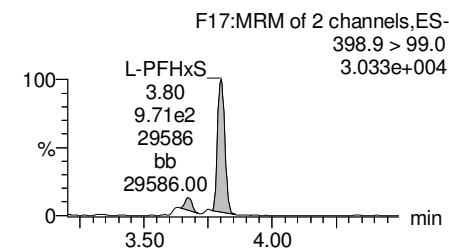
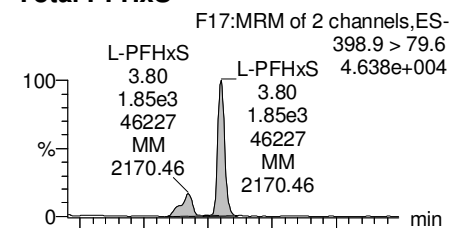
PFHxA



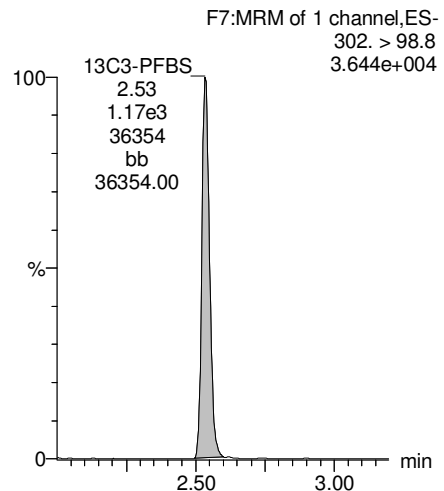
PFHpA



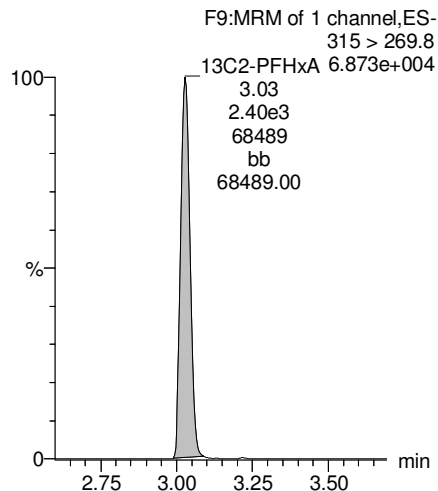
Total PFHxS



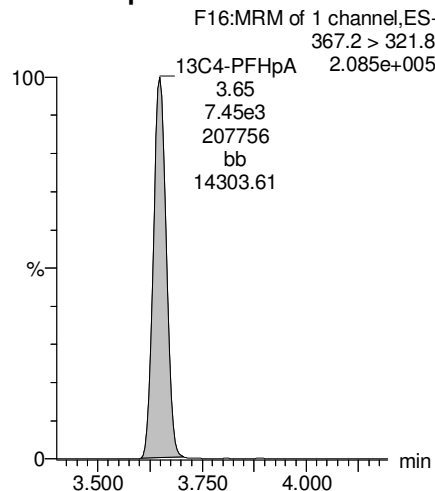
13C3-PFBS



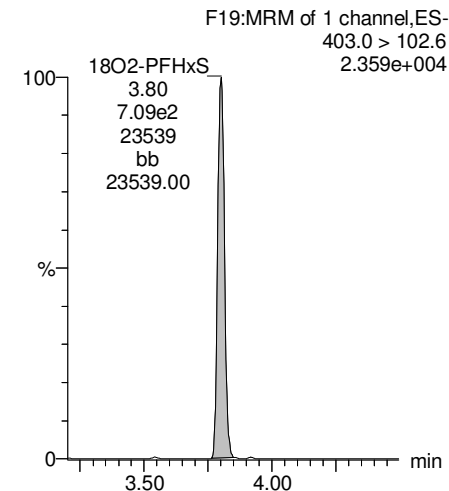
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



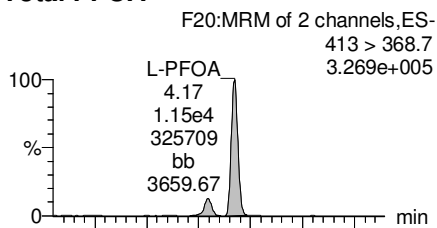
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Last Altered: Monday, February 05, 2018 11:30:34 Pacific Standard Time

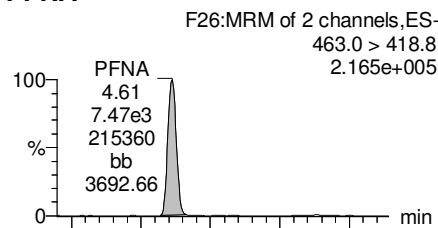
Printed: Monday, February 05, 2018 11:31:39 Pacific Standard Time

Name: 180130M2_30, Date: 30-Jan-2018, Time: 17:05:57, ID: B8A0115-MS1 Matrix Spike 0.25673, Description: Matrix Spike

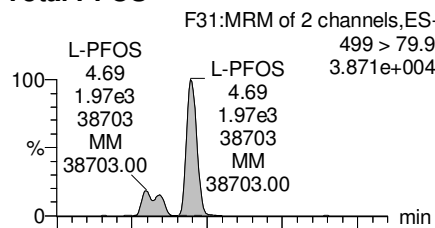
Total PFOA



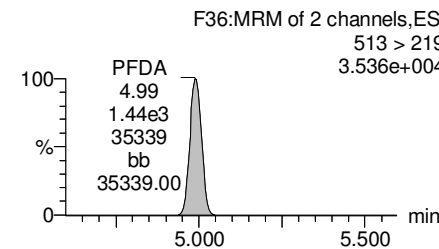
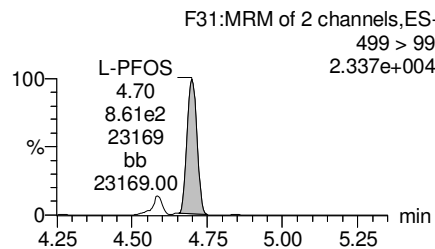
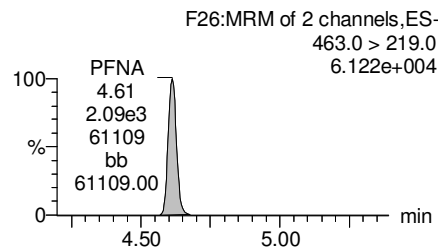
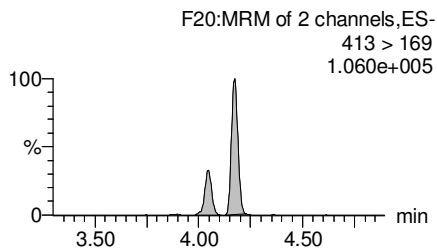
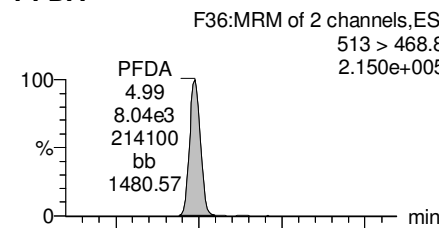
PFNA



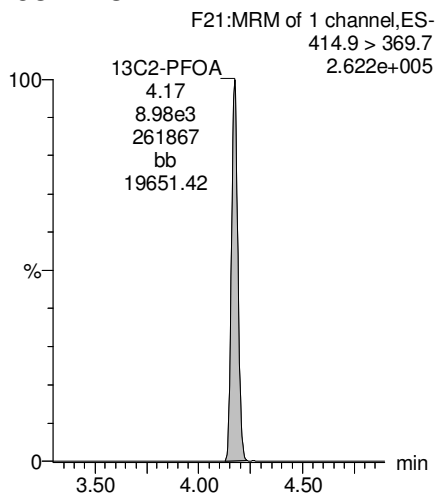
Total PFOS



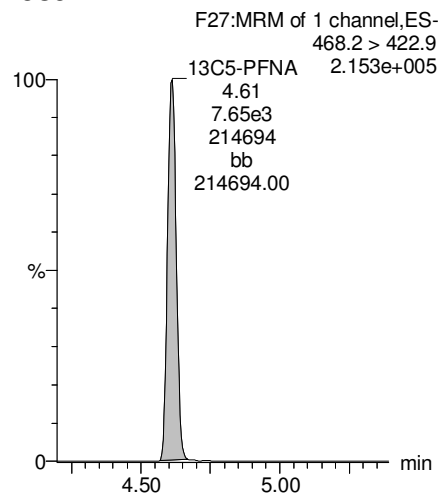
PFDA



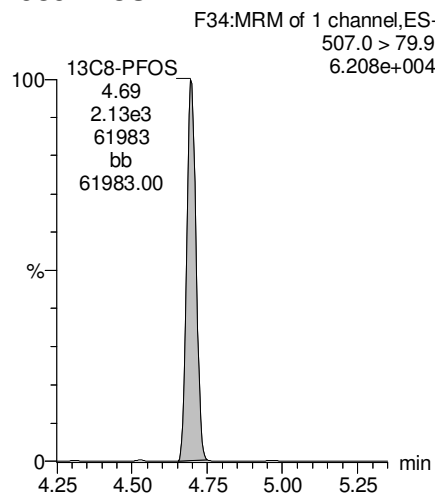
13C2-PFOA



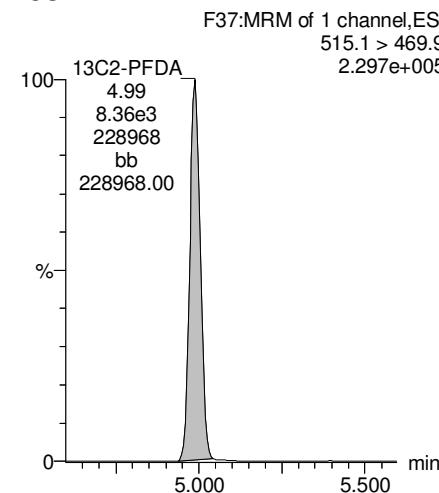
13C5-PFNA



13C8-PFOS



13C2-PFDA



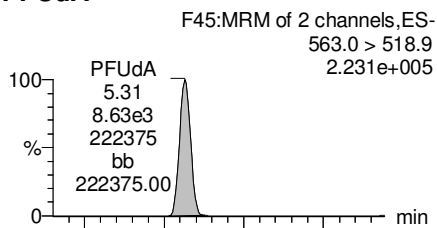
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Last Altered: Monday, February 05, 2018 11:30:34 Pacific Standard Time

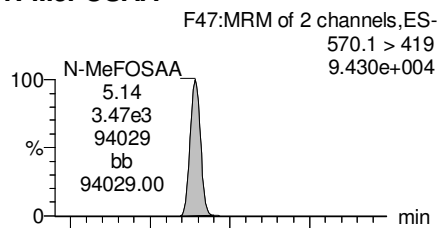
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Name: 180130M2_30, Date: 30-Jan-2018, Time: 17:05:57, ID: B8A0115-MS1 Matrix Spike 0.25673, Description: Matrix Spike

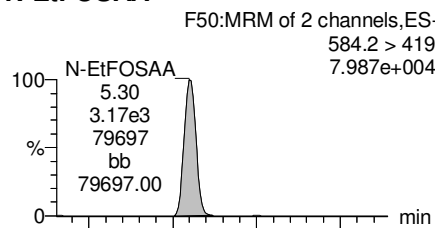
PFUdA



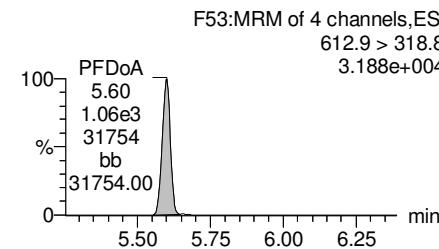
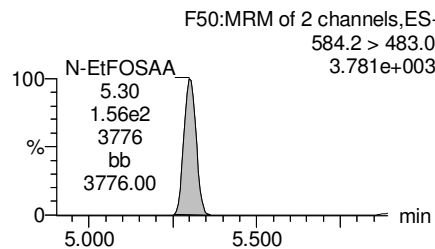
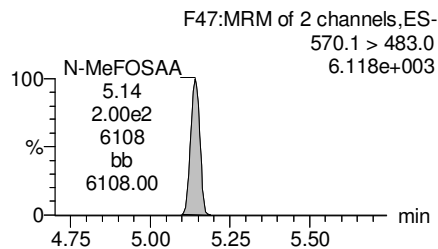
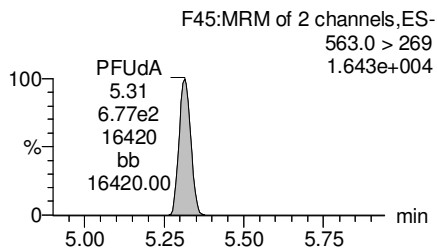
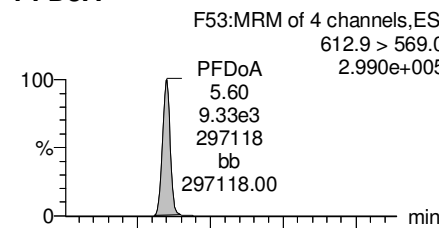
N-MeFOSAA



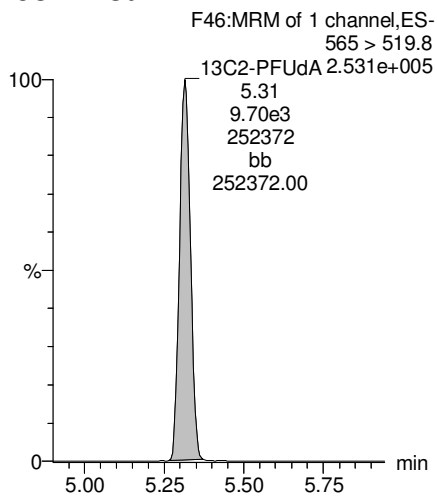
N-EtFOSAA



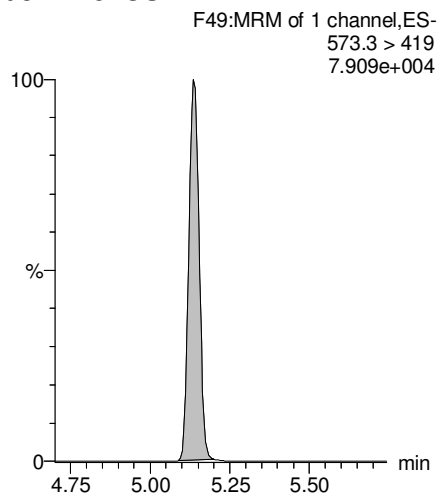
PFDaA



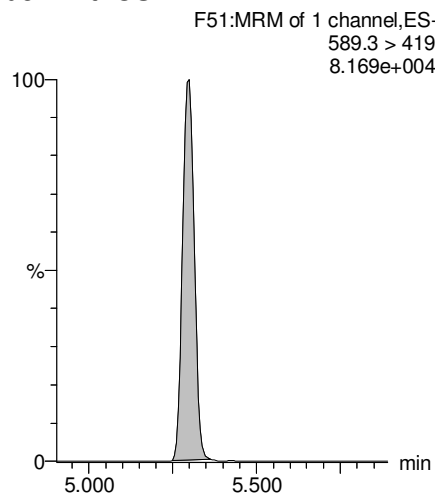
13C2-PFUdA



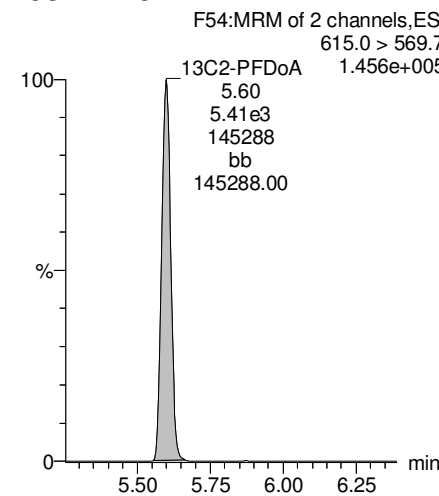
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



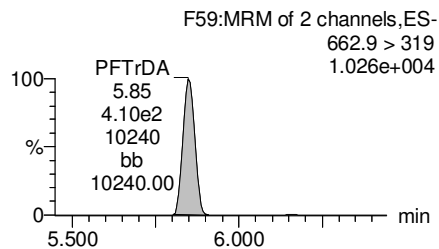
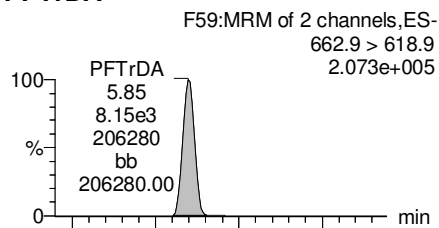
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Last Altered: Monday, February 05, 2018 11:30:34 Pacific Standard Time

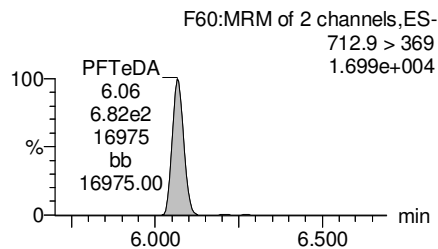
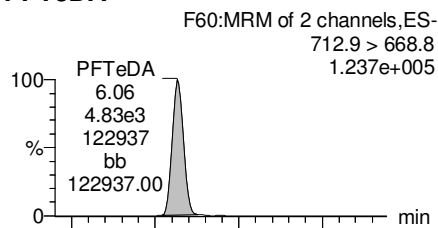
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Name: 180130M2_30, Date: 30-Jan-2018, Time: 17:05:57, ID: B8A0115-MS1 Matrix Spike 0.25673, Description: Matrix Spike

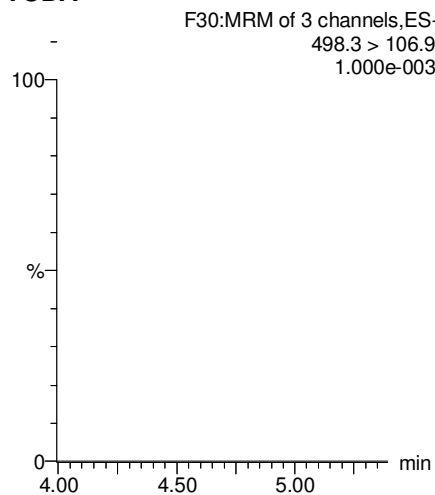
PFTrDA



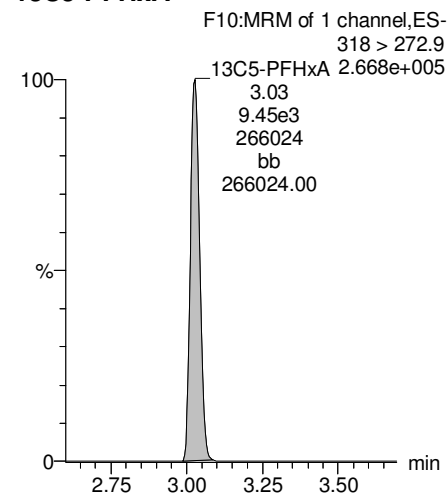
PFTeDA



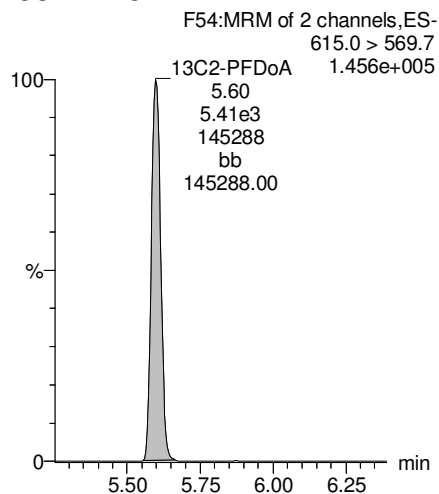
TCDA



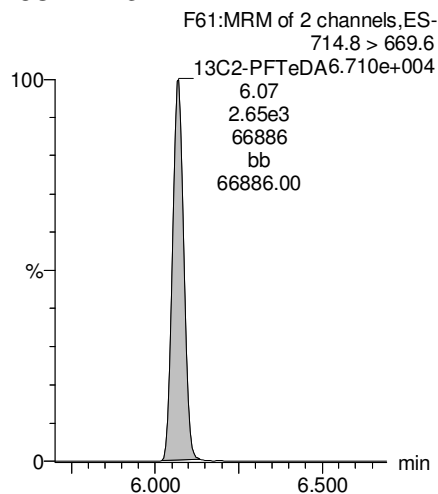
13C5-PFHxA



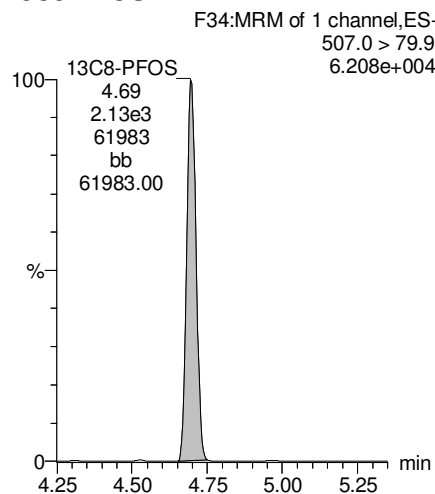
13C2-PFDoA



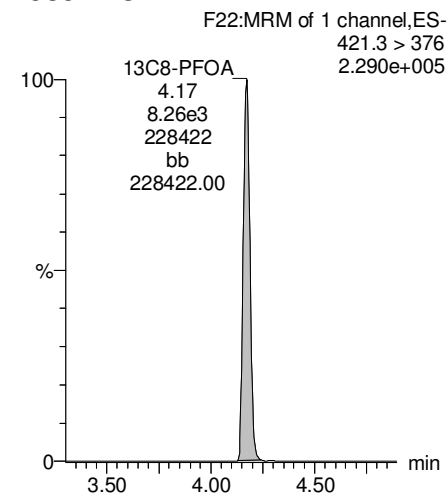
13C2-PFTeDA



13C8-PFOS



13C8-PFOA



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-30.qld

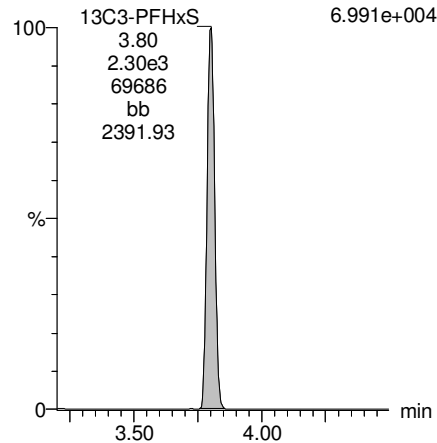
Last Altered: Monday, February 05, 2018 11:30:34 Pacific Standard Time

Printed: Monday, February 05, 2018 11:31:39 Pacific Standard Time

Name: 180130M2_30, Date: 30-Jan-2018, Time: 17:05:57, ID: B8A0115-MS1 Matrix Spike 0.25673, Description: Matrix Spike

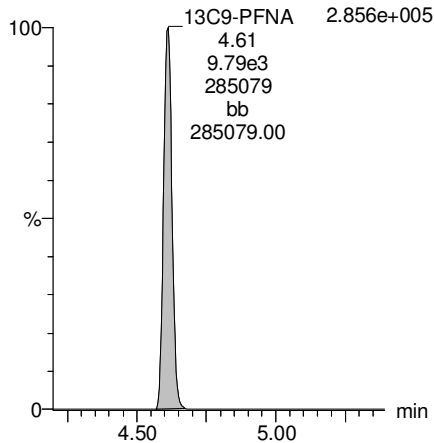
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
6.991e+004



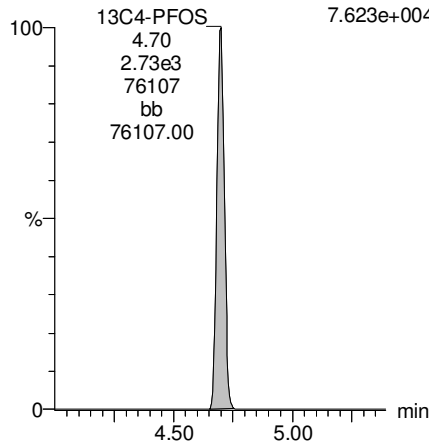
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
2.856e+005



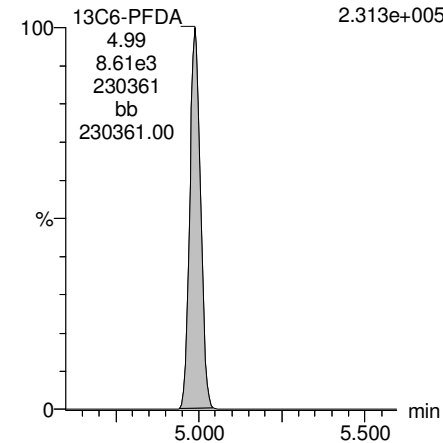
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
7.623e+004



13C6-PFDA

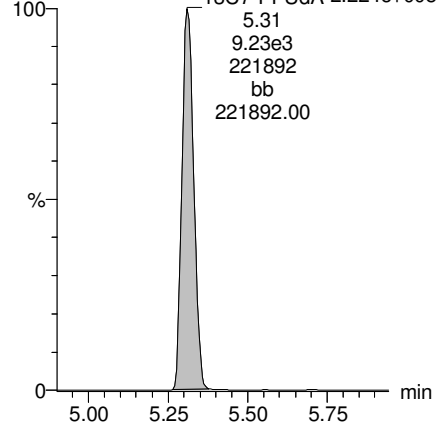
F39:MRM of 1 channel,ES-
519.1 > 473.7
2.313e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8

13C7-PFUdA 2.224e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-31.qld

Last Altered: Monday, February 05, 2018 11:45:25 Pacific Standard Time

Printed: Monday, February 05, 2018 11:45:56 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_31, Date: 30-Jan-2018, Time: 17:17:24, ID: B8A0115-MSD1 Matrix Spike Dup 0.25042, Description: Matrix Spike Dup

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7	1.74e3	1.02e3	0.250		2.56	2.54	21.5	47.5086	
2	5 PFHxA	313.2 > 268.9	1.25e4	2.30e3	0.250		3.05	3.03	27.2	67.8733	
3	7 PFHpA	363.0 > 318.9	8.51e3	6.55e3	0.250		3.68	3.65	16.2	54.5732	
4	8 L-PFHxS	398.9 > 79.6	1.55e3	6.51e2	0.250		3.80	3.80	29.7	63.7330	
5	11 L-PFOA	413 > 368.7	1.22e4	9.34e3	0.250		4.20	4.17	16.3	62.2684	
6	14 PFNA	463.0 > 418.8	7.24e3	7.52e3	0.250		4.65	4.61	12.0	38.7744	
7	16 L-PFOS	499 > 79.9	1.75e3	2.19e3	0.250		4.75	4.70	9.99	37.4102	
8	18 PFDA	513 > 468.8	7.15e3	7.76e3	0.250		5.03	4.99	11.5	35.1950	
9	21 N-MeFOSAA	570.1 > 419	3.45e3	2.37e3	0.250		5.20	5.14	18.2	46.3499	
10	22 N-EtFOSAA	584.2 > 419	2.53e3	3.22e3	0.250		5.30	5.30	9.84	35.8275	
11	23 PFUdA	563.0 > 518.9	5.90e3	8.07e3	0.250		5.36	5.31	9.14	30.9964	

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-31.qld

Last Altered: Monday, February 05, 2018 11:45:25 Pacific Standard Time

Printed: Monday, February 05, 2018 11:46:09 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_31, Date: 30-Jan-2018, Time: 17:17:24, ID: B8A0115-MSD1 Matrix Spike Dup 0.25042, Description: Matrix Spike Dup

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	25 PFDaA	612.9 > 569.0	6.80e3	4.88e3	0.250		5.65	5.60	17.4	46.7710	
2	27 PFTrDA	662.9 > 618.9	7.43e3	2.48e3	0.250		5.90	5.85	37.4	39.7232	
3	28 PFTeDA	712.9 > 668.8	4.69e3	2.48e3	0.250		6.12	6.06	23.6	40.8434	
4	36 13C3-PFBS	302. > 98.8	1.02e3	8.67e3	0.250	0.109	2.56	2.54	1.46	53.5223	107.2
5	37 13C2-PFHxA	315 > 269.8	2.30e3	8.67e3	0.250	0.684	3.05	3.03	3.32	19.3560	96.9
6	38 13C4-PFHpA	367.2 > 321.8	6.55e3	8.67e3	0.250	0.732	3.68	3.65	9.45	51.5366	103.2
7	39 18O2-PFHxS	403.0 > 102.6	6.51e2	2.26e3	0.250	0.318	3.80	3.80	3.60	45.1631	90.5
8	40 13C2-6:2 FTS	429.1 > 408.9	1.89e3	8.36e3	0.250	0.263	4.15	4.12	2.83	42.9562	86.1
9	41 13C2-PFOA	414.9 > 369.7	9.34e3	8.36e3	0.250	1.120	4.20	4.17	14.0	49.7852	99.7
10	42 13C5-PFNA	468.2 > 422.9	7.52e3	8.23e3	0.250	0.921	4.65	4.61	11.4	49.5125	99.2
11	43 13C8-PFOA	506.1 > 77.7	1.55e3	9.51e3	0.250	0.245	4.70	4.67	2.04	33.2422	66.6
12	44 13C8-PFOS	507.0 > 79.9	2.19e3	2.29e3	0.250	1.034	4.75	4.70	11.9	46.1333	92.4
13	45 13C2-PFDA	515.1 > 469.9	7.76e3	7.36e3	0.250	1.080	5.03	4.99	13.2	48.7673	97.7
14	46 13C2-8:2 FTS	529.1 > 508.7	1.01e3	8.67e3	0.250	0.165	5.00	4.96	1.45	35.1539	70.4
15	47 d3-N-MeFOSAA	573.3 > 419	2.37e3	9.51e3	0.250	0.398	5.20	5.14	3.12	31.3170	62.7
16	48 d5-N-EtFOSAA	589.3 > 419	3.22e3	9.51e3	0.250	0.425	5.30	5.29	4.23	39.7970	79.7
17	49 13C2-PFUdA	565 > 519.8	8.07e3	9.51e3	0.250	1.047	5.36	5.31	10.6	40.4376	81.0
18	50 13C2-PFDoA	615.0 > 569.7	4.88e3	9.51e3	0.250	0.805	5.65	5.60	6.41	31.7940	63.7
19	52 13C2-PFTeDA	714.8 > 669.6	2.48e3	9.51e3	0.250	0.367	6.12	6.06	3.26	35.5141	71.1
20	57 13C4-PFBA	217. > 171.8	7.16e3	7.16e3	0.250	1.000	1.30	1.31	12.5	49.9161	100.0
21	58 13C5-PFHxA	318 > 272.9	8.67e3	8.67e3	0.250	1.000	3.05	3.03	12.5	49.9161	100.0
22	59 13C3-PFHxS	401.9 > 79.9	2.26e3	2.26e3	0.250	1.000	3.80	3.80	12.5	49.9161	100.0
23	60 13C8-PFOA	421.3 > 376	8.36e3	8.36e3	0.250	1.000	4.20	4.17	12.5	49.9161	100.0
24	61 13C9-PFNA	472.2 > 426.9	8.23e3	8.23e3	0.250	1.000	4.65	4.61	12.5	49.9161	100.0
25	62 13C4-PFOS	503 > 79.9	2.29e3	2.29e3	0.250	1.000	4.60	4.69	12.5	49.9161	100.0
26	63 13C6-PFDA	519.1 > 473.7	7.36e3	7.36e3	0.250	1.000	5.03	4.99	12.5	49.9161	100.0
27	64 13C7-PFUdA	570.1 > 524.8	9.51e3	9.51e3	0.250	1.000	5.36	5.31	12.5	49.9161	100.0
28	65 Total PFHxS	398.9 > 79.6	1.55e3	6.51e2	0.250		3.70		29.7	63.7330	
29	66 Total PFOA	413 > 368.7	1.38e4	9.34e3	0.250		4.20		18.5	70.1176	
30	67 Total PFOS	499 > 79.9	1.75e3	2.19e3	0.250		4.70		9.99	37.4102	
31	68 Total N-MeFOSAA	570.1 > 419	3.45e3	2.37e3	0.250		5.20		18.2	46.3499	
32	69 Total N-EtFOSAA	584.2 > 419	2.53e3	3.22e3	0.250		5.30		9.84	35.8275	

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-31.qld

Last Altered: Monday, February 05, 2018 11:45:25 Pacific Standard Time

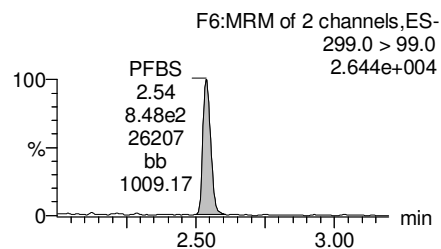
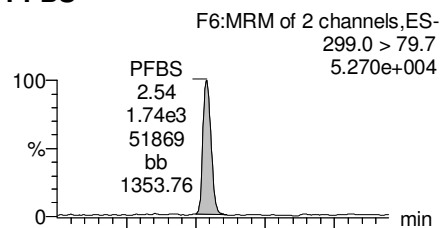
Printed: Monday, February 05, 2018 11:46:09 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

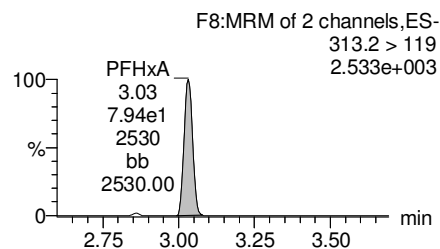
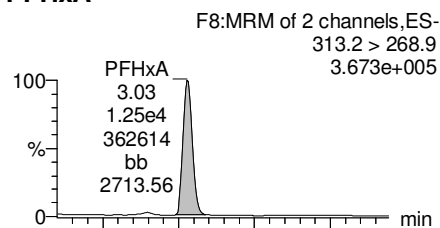
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_31, Date: 30-Jan-2018, Time: 17:17:24, ID: B8A0115-MSD1 Matrix Spike Dup 0.25042, Description: Matrix Spike Dup

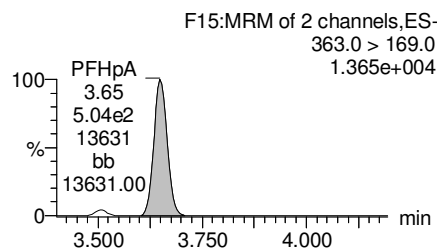
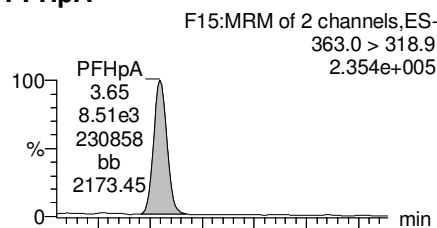
PFBS



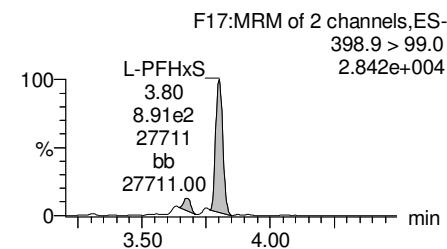
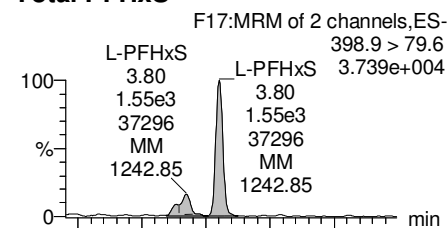
PFHxA



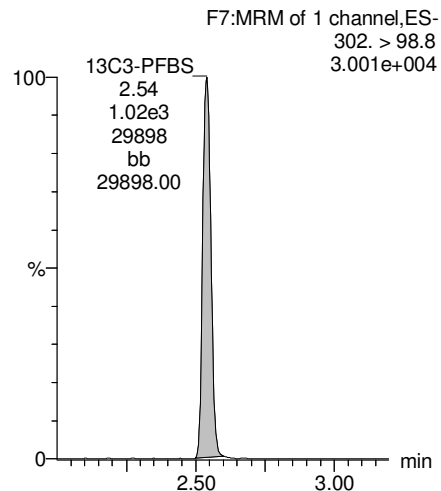
PFHpA



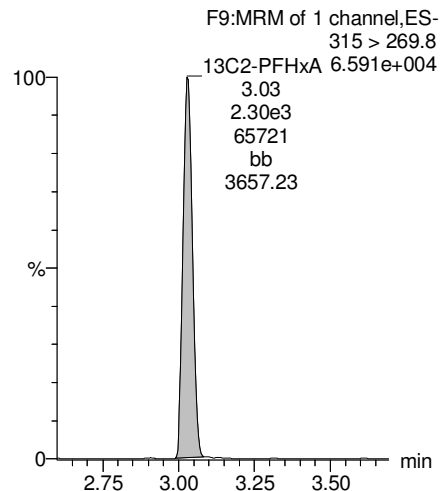
Total PFHxS



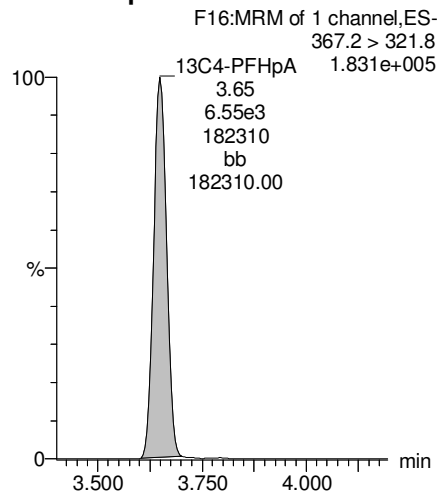
13C3-PFBS



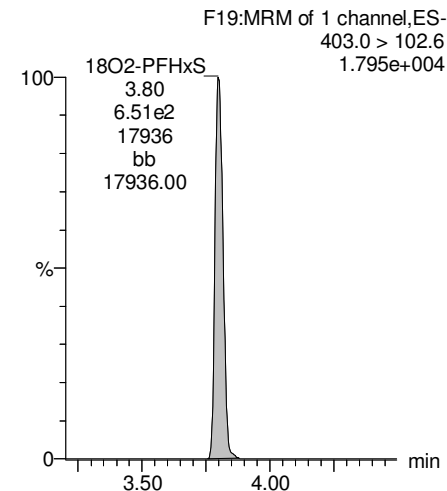
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



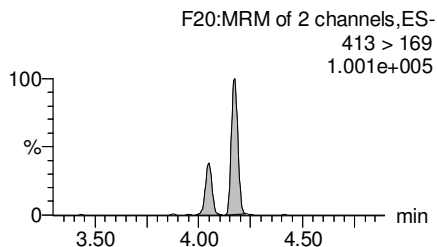
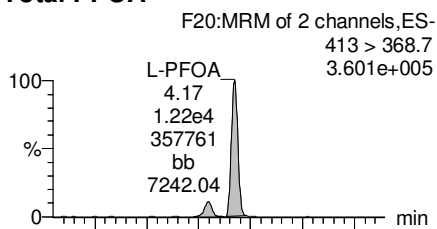
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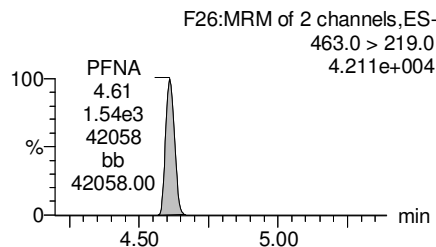
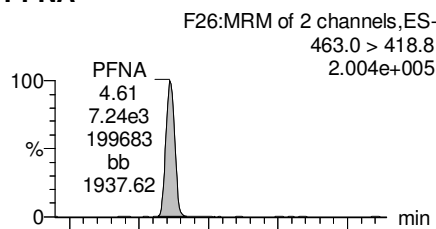
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Name: 180130M2_31, Date: 30-Jan-2018, Time: 17:17:24, ID: B8A0115-MSD1 Matrix Spike Dup 0.25042, Description: Matrix Spike Dup

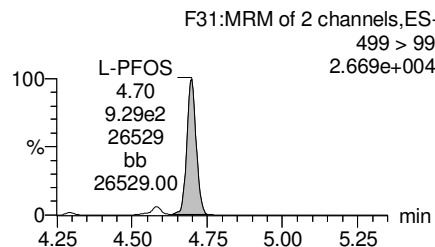
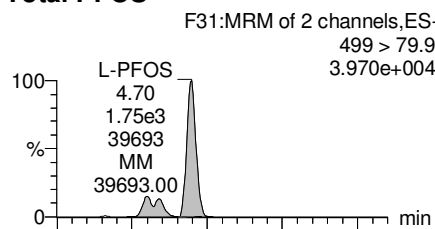
Total PFOA



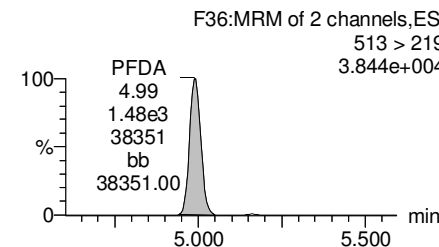
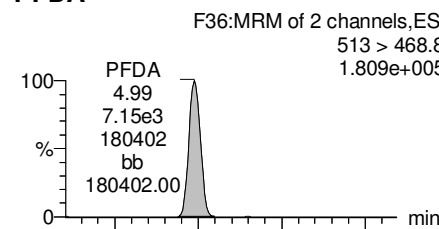
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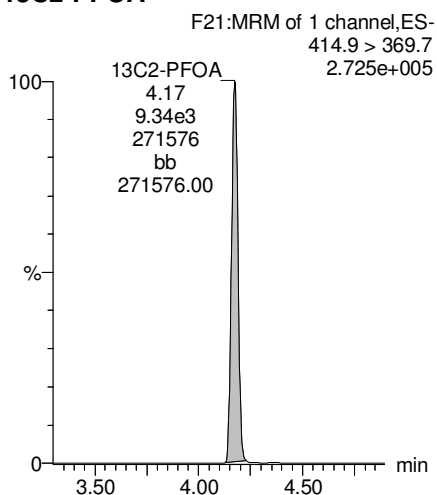
Total PFOS



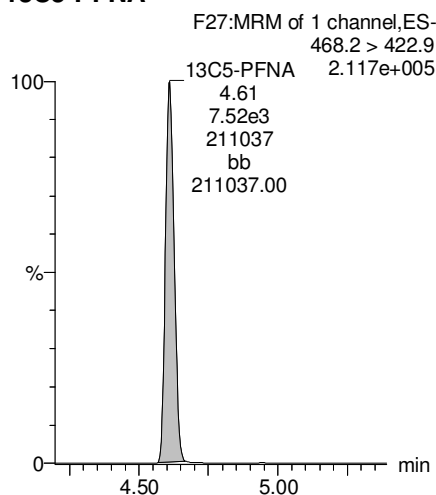
PFDA



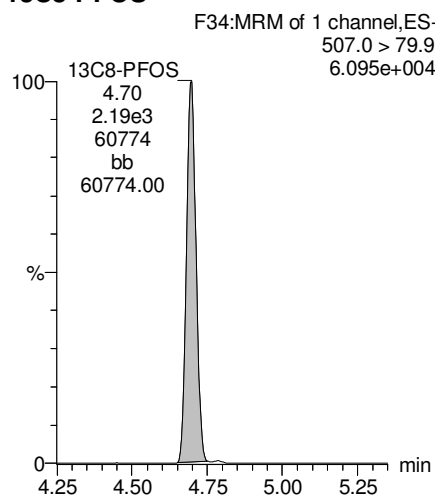
13C2-PFOA



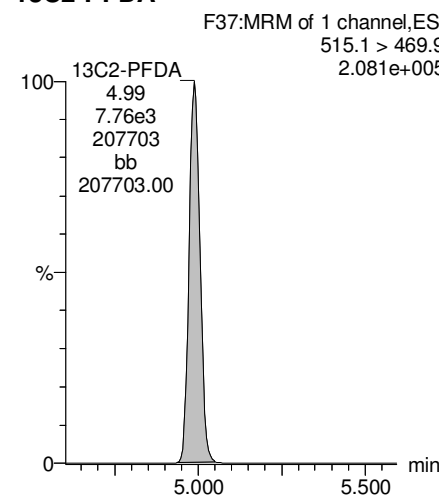
13C5-PFNA



13C8-PFOS



13C2-PFDA



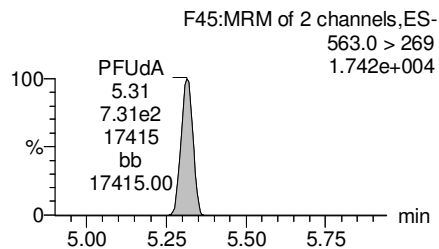
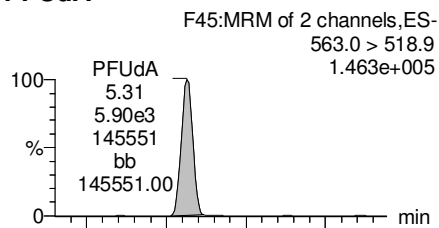
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Last Altered: Monday, February 05, 2018 11:45:25 Pacific Standard Time

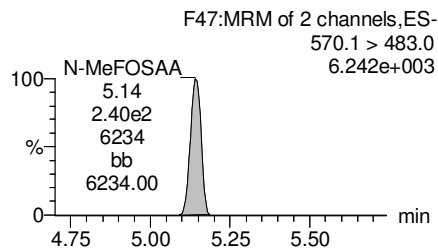
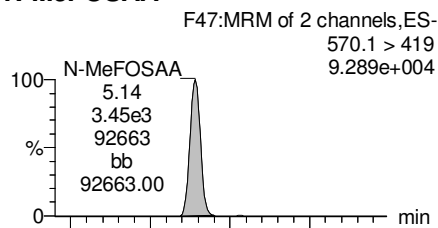
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Name: 180130M2_31, Date: 30-Jan-2018, Time: 17:17:24, ID: B8A0115-MSD1 Matrix Spike Dup 0.25042, Description: Matrix Spike Dup

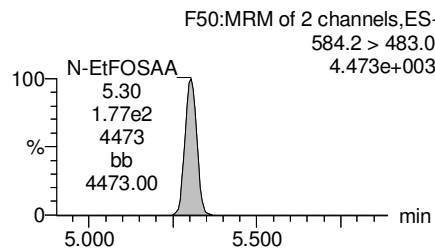
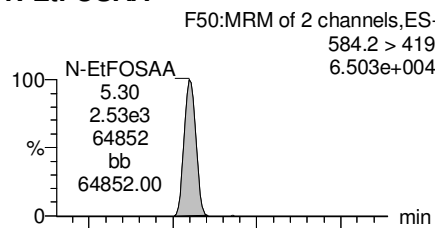
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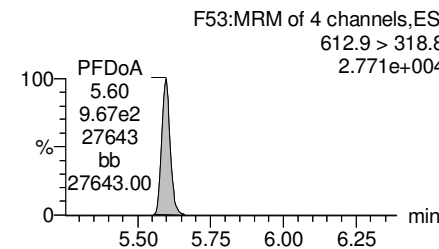
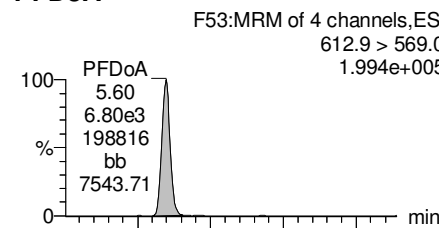
N-MeFOSAA



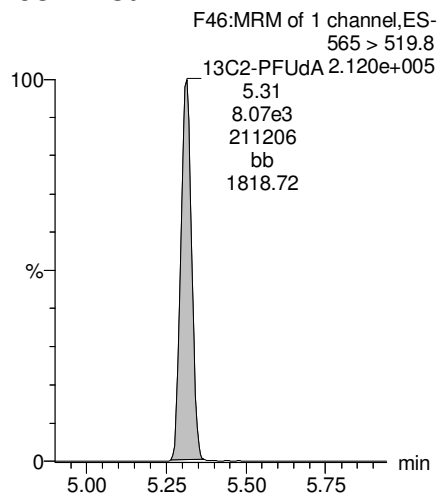
N-EtFOSAA



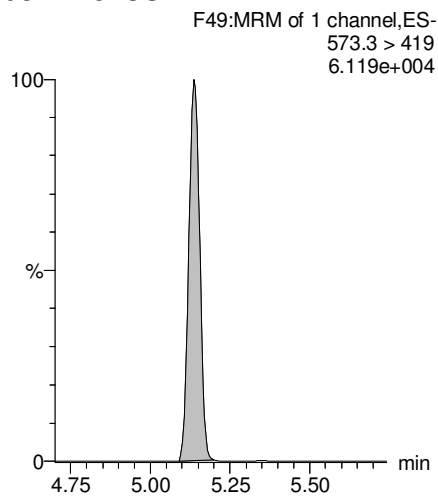
PFDoA



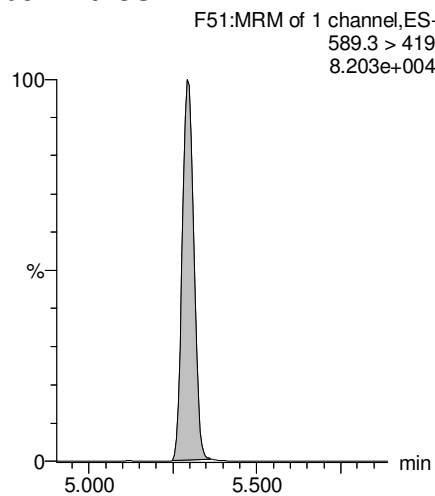
13C2-PFUdA



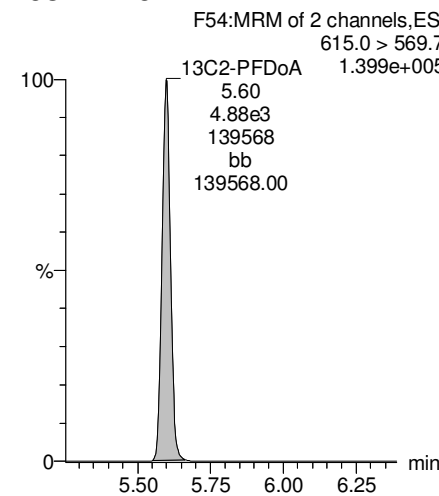
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDoA



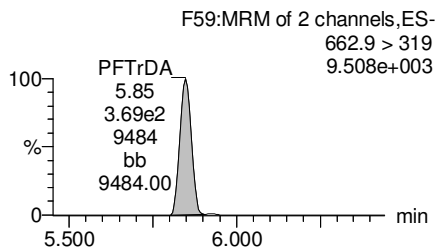
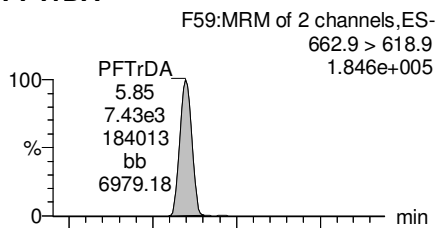
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Last Altered: Monday, February 05, 2018 11:45:25 Pacific Standard Time

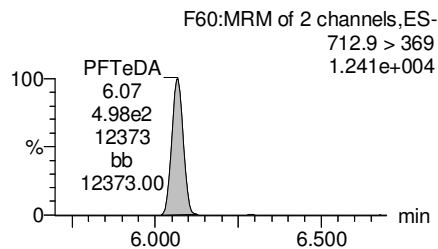
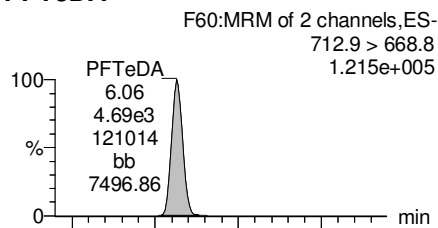
Printed: Monday, February 05, 2018 11:46:09 Pacific Standard Time

Name: 180130M2_31, Date: 30-Jan-2018, Time: 17:17:24, ID: B8A0115-MSD1 Matrix Spike Dup 0.25042, Description: Matrix Spike Dup

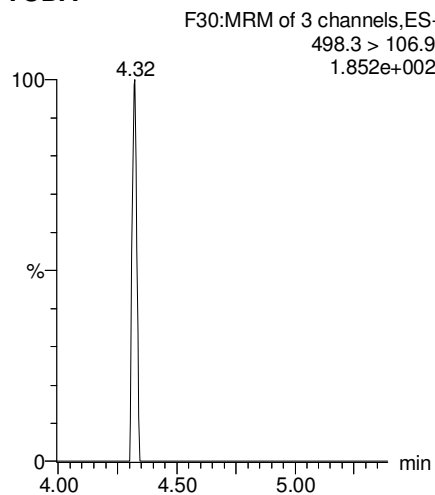
PFTrDA



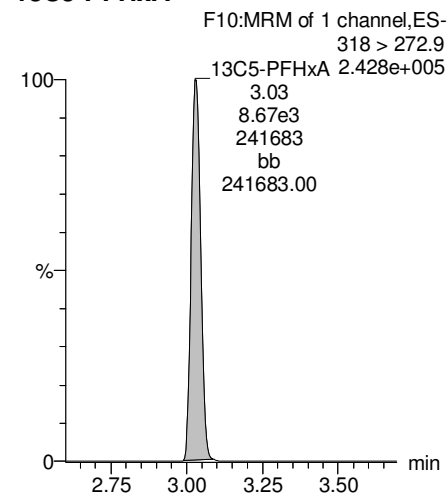
PFTeDA



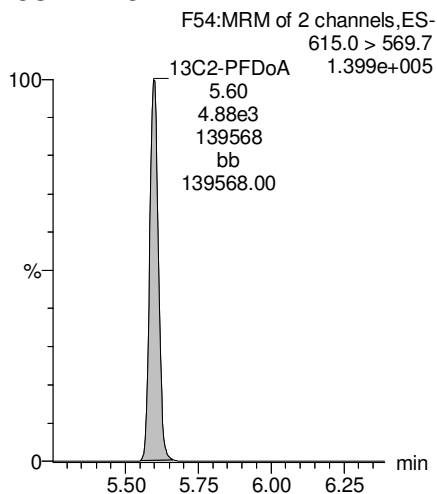
TCDA



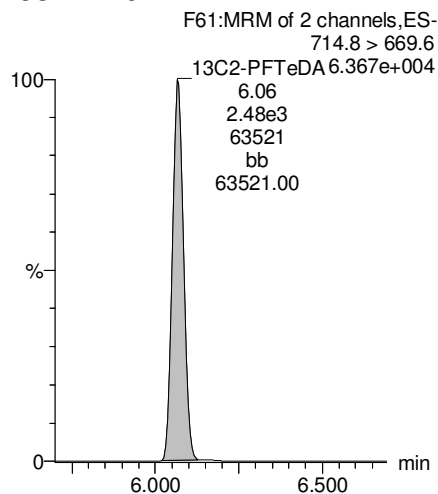
13C5-PFHxA



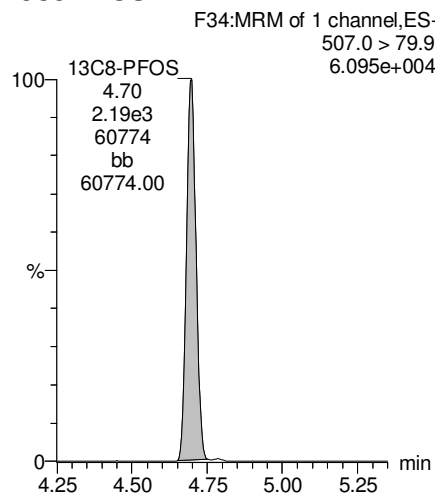
13C2-PFDoA



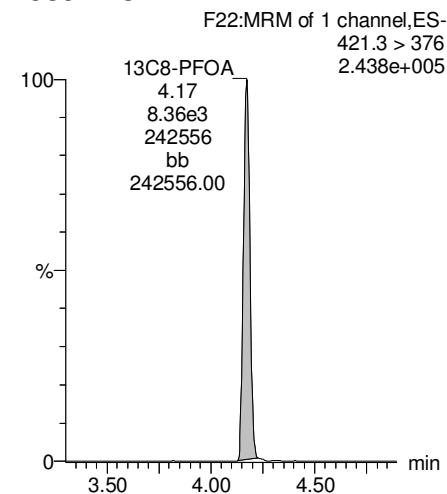
13C2-PFTeDA



13C8-PFOS



13C8-PFOA



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-31.qld

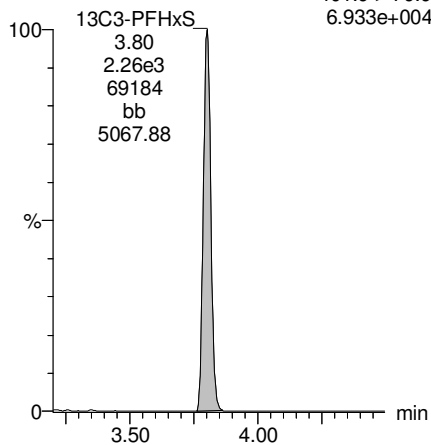
Last Altered: Monday, February 05, 2018 11:45:25 Pacific Standard Time

Printed: Monday, February 05, 2018 11:46:09 Pacific Standard Time

Name: 180130M2_31, Date: 30-Jan-2018, Time: 17:17:24, ID: B8A0115-MSD1 Matrix Spike Dup 0.25042, Description: Matrix Spike Dup

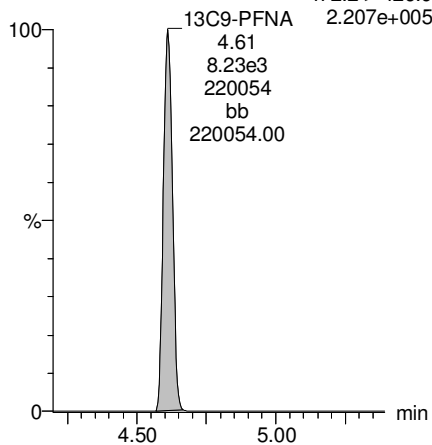
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
6.933e+004



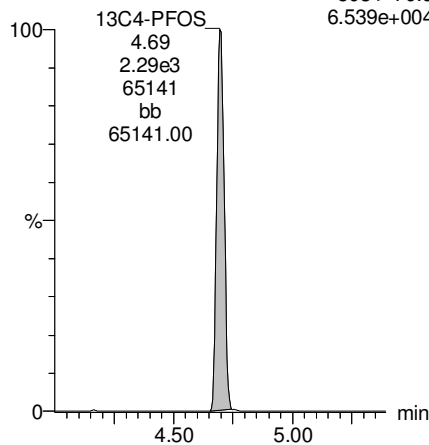
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
2.207e+005



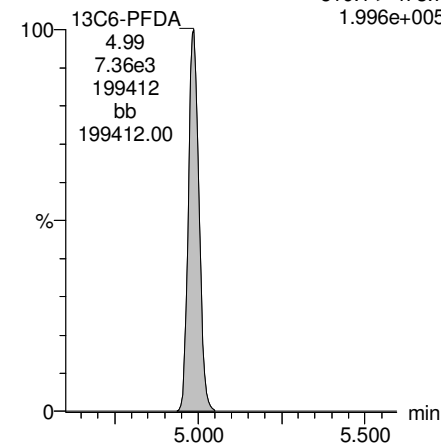
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
6.539e+004



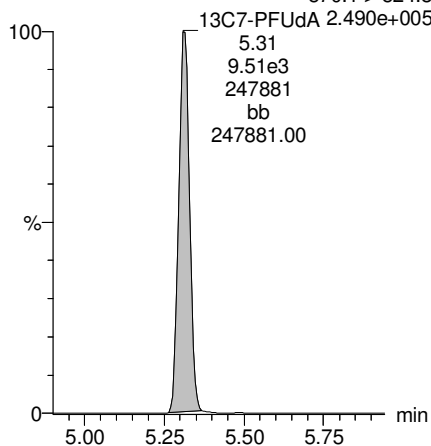
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
1.996e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8
2.490e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-43.qld

Last Altered: Monday, February 05, 2018 12:30:47 Pacific Standard Time

Printed: Monday, February 05, 2018 12:31:18 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_43, Date: 30-Jan-2018, Time: 19:35:04, ID: 1800121-12 IRSite1-GW-01W49A- 20180115 0.26214, Description: IRSite1-GW-01W49A- 20180115

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7		9.41e2	0.262		2.56				
2	5 PFHxA	313.2 > 268.9		2.47e3	0.262		3.05				
3	7 PFHpA	363.0 > 318.9		5.53e3	0.262		3.68				
4	8 L-PFHxS	398.9 > 79.6		7.30e2	0.262		3.80				
5	11 L-PFOA	413 > 368.7		9.15e3	0.262		4.20				
6	14 PFNA	463.0 > 418.8		8.26e3	0.262		4.65				
7	16 L-PFOS	499 > 79.9		2.12e3	0.262		4.75				
8	18 PFDA	513 > 468.8		5.28e3	0.262		5.03				
9	21 N-MeFOSAA	570.1 > 419		2.71e3	0.262		5.20				
10	22 N-EtFOSAA	584.2 > 419		3.27e3	0.262		5.30				
11	23 PFUdA	563.0 > 518.9		7.03e3	0.262		5.36				

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-43.qld

Last Altered: Monday, February 05, 2018 12:30:47 Pacific Standard Time

Printed: Monday, February 05, 2018 12:31:29 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_43, Date: 30-Jan-2018, Time: 19:35:04, ID: 1800121-12 IRSite1-GW-01W49A- 20180115 0.26214, Description: IRSite1-GW-01W49A- 20180115

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	25	PFDa	612.9 > 569.0	4.10e3	0.262		5.65					
2	27	PFTDA	662.9 > 618.9	2.27e3	0.262		5.90					
3	28	PFTeDA	712.9 > 668.8	2.27e3	0.262		6.12					
4	36	13C3-PFBS	302. > 98.8	9.41e2	9.23e3	0.262	0.109	2.56	2.53	1.27	44.5155	93.4
5	37	13C2-PFHxA	315 > 269.8	2.47e3	9.23e3	0.262	0.684	3.05	3.03	3.35	18.6761	97.9
6	38	13C4-PFHpA	367.2 > 321.8	5.53e3	9.23e3	0.262	0.732	3.68	3.65	7.50	39.0516	81.9
7	39	18O2-PFHxS	403.0 > 102.6	7.30e2	2.11e3	0.262	0.318	3.80	3.80	4.33	51.9057	108.9
8	40	13C2-6:2 FTS	429.1 > 408.9	1.66e3	8.87e3	0.262	0.263	4.15	4.12	2.34	33.8534	71.0
9	41	13C2-PFOA	414.9 > 369.7	9.15e3	8.87e3	0.262	1.120	4.20	4.17	12.9	43.9390	92.1
10	42	13C5-PFNA	468.2 > 422.9	8.26e3	8.75e3	0.262	0.921	4.65	4.62	11.8	48.9149	102.6
11	43	13C8-PFOA	506.1 > 77.7	1.55e3	8.15e3	0.262	0.245	4.70	4.68	2.37	37.0173	77.6
12	44	13C8-PFOS	507.0 > 79.9	2.12e3	2.22e3	0.262	1.034	4.75	4.70	11.9	43.9749	92.2
13	45	13C2-PFDA	515.1 > 469.9	5.28e3	6.08e3	0.262	1.080	5.03	4.99	10.9	38.3903	80.5
14	46	13C2-8:2 FTS	529.1 > 508.7	1.02e3	9.23e3	0.262	0.165	5.00	4.96	1.38	31.9176	66.9
15	47	d3-N-MeFOSAA	573.3 > 419	2.71e3	8.15e3	0.262	0.398	5.20	5.14	4.16	39.8609	83.6
16	48	d5-N-EtFOSAA	589.3 > 419	3.27e3	8.15e3	0.262	0.425	5.30	5.30	5.01	45.0033	94.4
17	49	13C2-PFUDa	565 > 519.8	7.03e3	8.15e3	0.262	1.047	5.36	5.31	10.8	39.2722	82.4
18	50	13C2-PFDOA	615.0 > 569.7	4.10e3	8.15e3	0.262	0.805	5.65	5.60	6.29	29.8186	62.5
19	52	13C2-PFTeDA	714.8 > 669.6	2.27e3	8.15e3	0.262	0.367	6.12	6.07	3.49	36.2610	76.0
20	57	13C4-PFBA	217. > 171.8	6.50e3	6.50e3	0.262	1.000	1.30	1.31	12.5	47.6844	100.0
21	58	13C5-PFHxA	318 > 272.9	9.23e3	9.23e3	0.262	1.000	3.05	3.03	12.5	47.6844	100.0
22	59	13C3-PFHxS	401.9 > 79.9	2.11e3	2.11e3	0.262	1.000	3.80	3.80	12.5	47.6844	100.0
23	60	13C8-PFOA	421.3 > 376	8.87e3	8.87e3	0.262	1.000	4.20	4.17	12.5	47.6844	100.0
24	61	13C9-PFNA	472.2 > 426.9	8.75e3	8.75e3	0.262	1.000	4.65	4.62	12.5	47.6844	100.0
25	62	13C4-PFOS	503 > 79.9	2.22e3	2.22e3	0.262	1.000	4.60	4.70	12.5	47.6844	100.0
26	63	13C6-PFDA	519.1 > 473.7	6.08e3	6.08e3	0.262	1.000	5.03	4.99	12.5	47.6844	100.0
27	64	13C7-PFUDa	570.1 > 524.8	8.15e3	8.15e3	0.262	1.000	5.36	5.32	12.5	47.6844	100.0
28	65	Total PFHxS	398.9 > 79.6	0.00e0	7.30e2	0.262		3.70		0.000		
29	66	Total PFOA	413 > 368.7	0.00e0	9.15e3	0.262		4.20		0.000		
30	67	Total PFOS	499 > 79.9	0.00e0	2.12e3	0.262		4.70		0.000		
31	68	Total N-MeFOSAA	570.1 > 419	0.00e0	2.71e3	0.262		5.20		0.000		
32	69	Total N-EtFOSAA	584.2 > 419	0.00e0	3.27e3	0.262		5.30		0.000		

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-43.qld

Last Altered: Monday, February 05, 2018 12:30:47 Pacific Standard Time

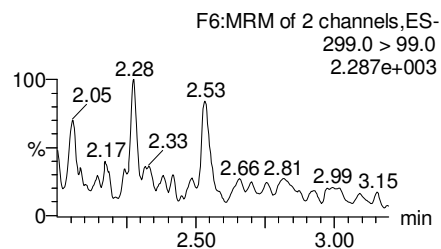
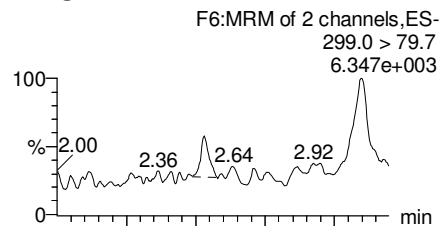
Printed: Monday, February 05, 2018 12:31:29 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

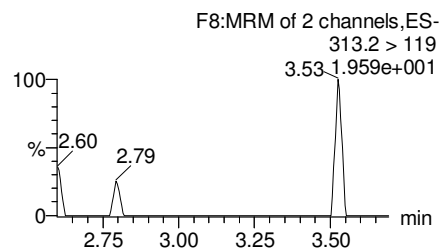
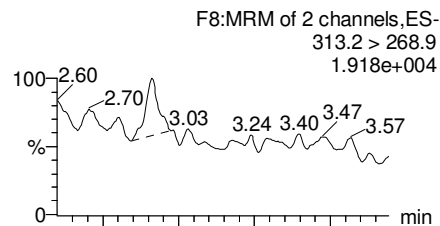
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_43, Date: 30-Jan-2018, Time: 19:35:04, ID: 1800121-12 IRSite1-GW-01W49A- 20180115 0.26214, Description: IRSite1-GW-01W49A- 20180115

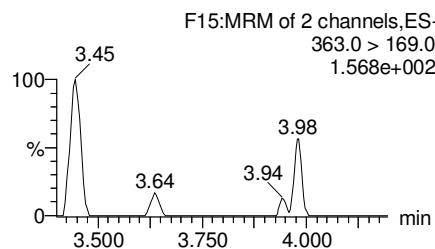
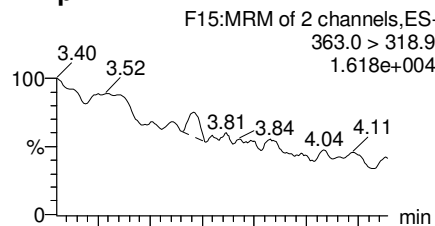
PFBS



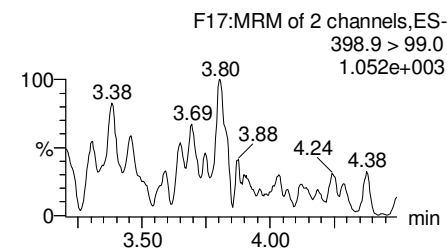
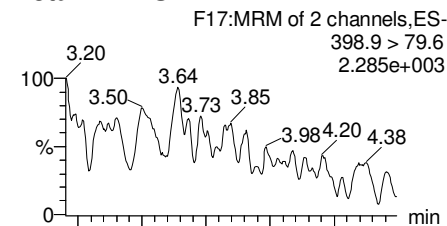
PFHxA



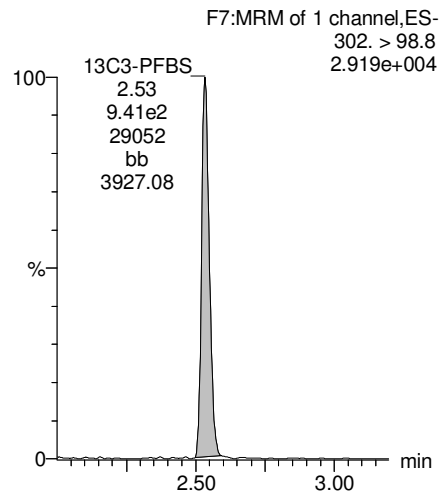
PFHpA



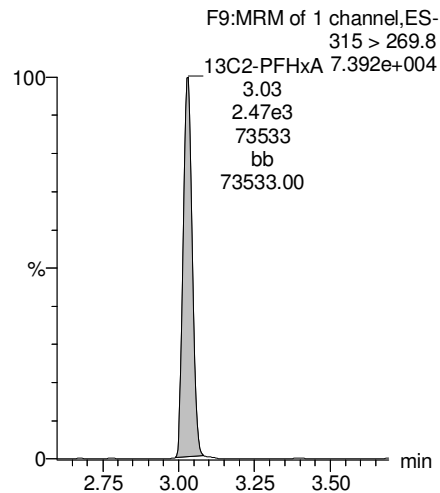
Total PFHxS



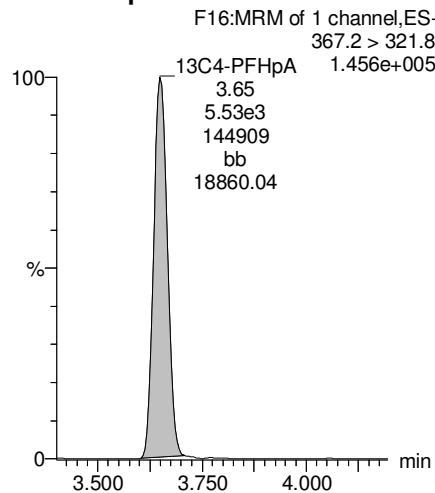
13C3-PFBS



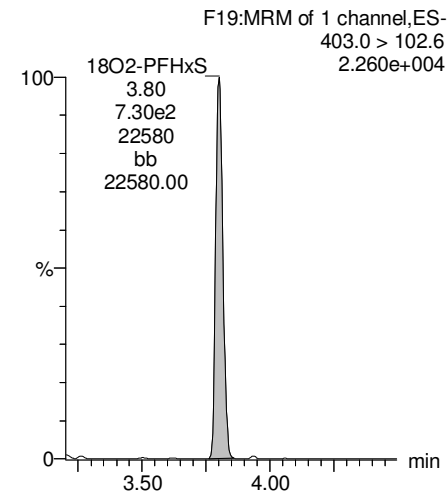
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-43.qld

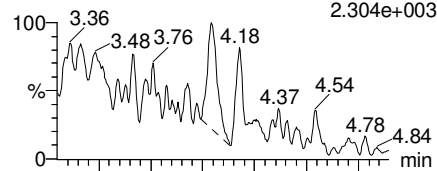
Last Altered: Monday, February 05, 2018 12:30:47 Pacific Standard Time

Printed: Monday, February 05, 2018 12:31:29 Pacific Standard Time

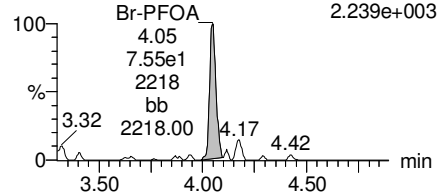
Name: 180130M2_43, Date: 30-Jan-2018, Time: 19:35:04, ID: 1800121-12 IRSite1-GW-01W49A- 20180115 0.26214, Description: IRSite1-GW-01W49A- 20180115

Total PFOA

F20:MRM of 2 channels,ES-
413 > 368.7
2.304e+003

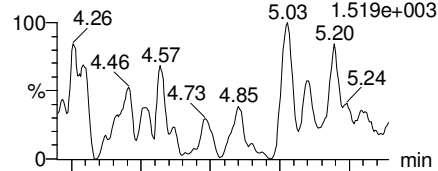


F20:MRM of 2 channels,ES-
413 > 169
2.239e+003

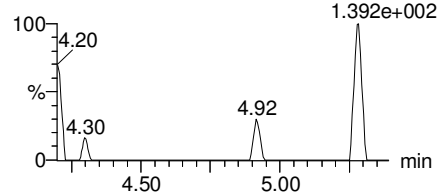


PFNA

F26:MRM of 2 channels,ES-
463.0 > 418.8
1.519e+003

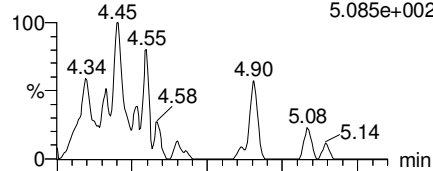


F26:MRM of 2 channels,ES-
463.0 > 219.0
1.392e+002

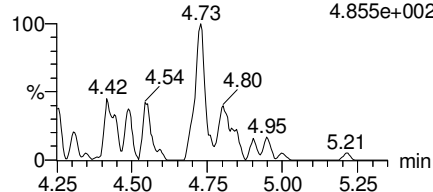


Total PFOS

F31:MRM of 2 channels,ES-
499 > 79.9
5.085e+002

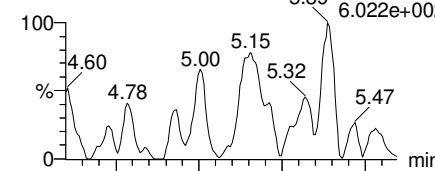


F31:MRM of 2 channels,ES-
499 > 99
4.855e+002

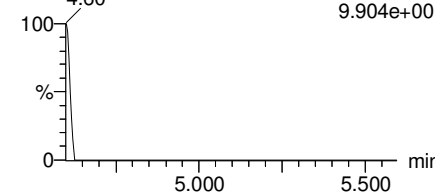


PFDA

F36:MRM of 2 channels,ES-
513 > 468.8
6.022e+002

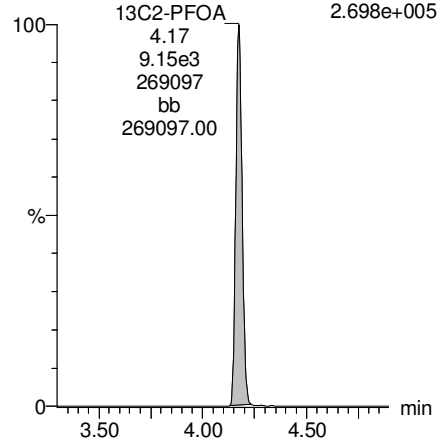


F36:MRM of 2 channels,ES-
513 > 219
9.904e+001



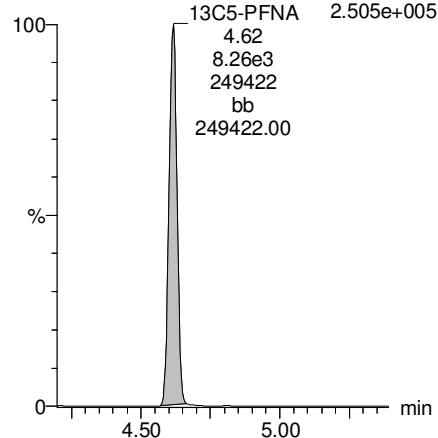
13C2-PFOA

F21:MRM of 1 channel,ES-
414.9 > 369.7
2.698e+005



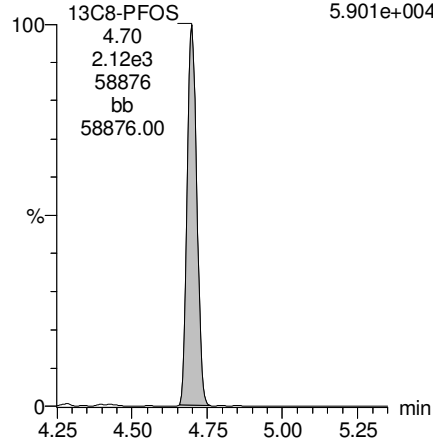
13C5-PFNA

F27:MRM of 1 channel,ES-
468.2 > 422.9
2.505e+005



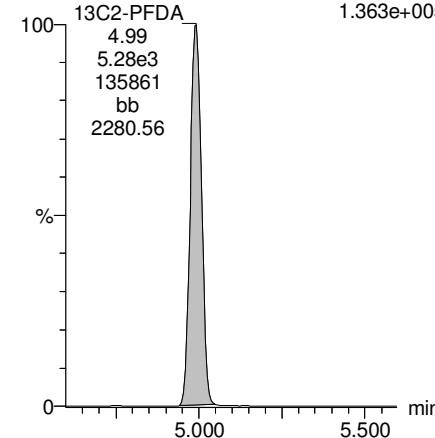
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9
5.901e+004



13C2-PFDA

F37:MRM of 1 channel,ES-
515.1 > 469.9
1.363e+005



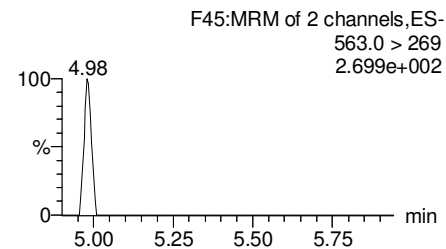
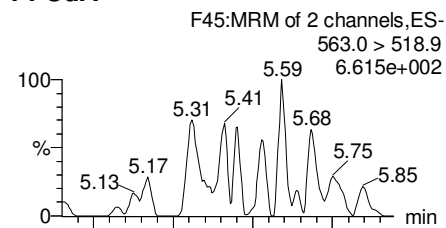
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Last Altered: Monday, February 05, 2018 12:30:47 Pacific Standard Time

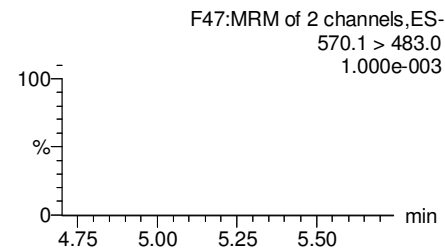
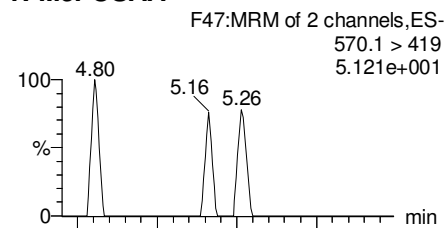
Printed: Monday, February 05, 2018 12:31:29 Pacific Standard Time

Name: 180130M2_43, Date: 30-Jan-2018, Time: 19:35:04, ID: 1800121-12 IRSite1-GW-01W49A- 20180115 0.26214, Description: IRSite1-GW-01W49A- 20180115

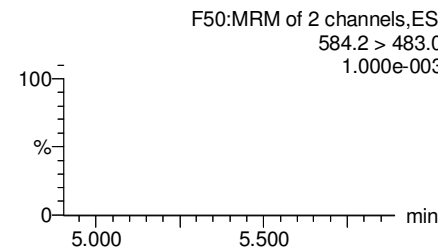
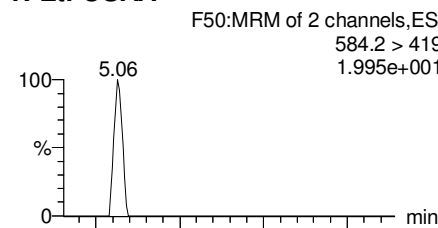
PFUdA



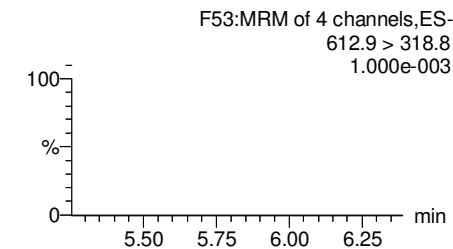
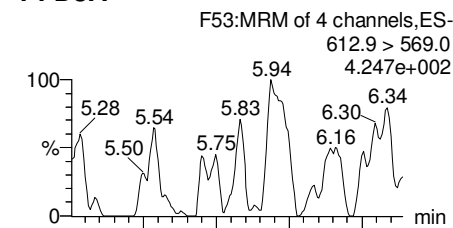
N-MeFOSAA



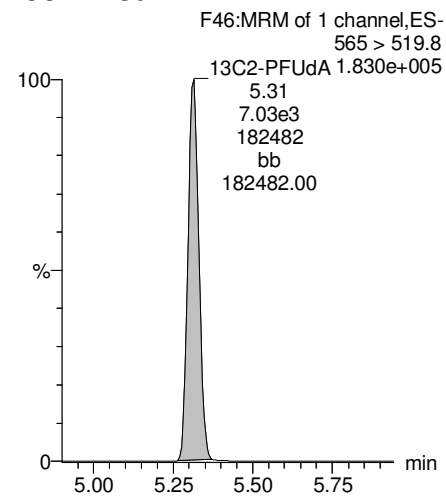
N-EtFOSAA



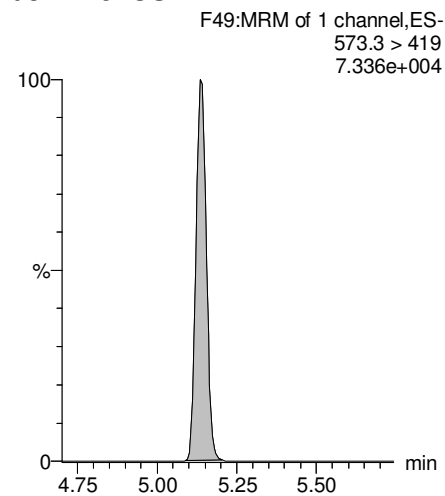
PFDaA



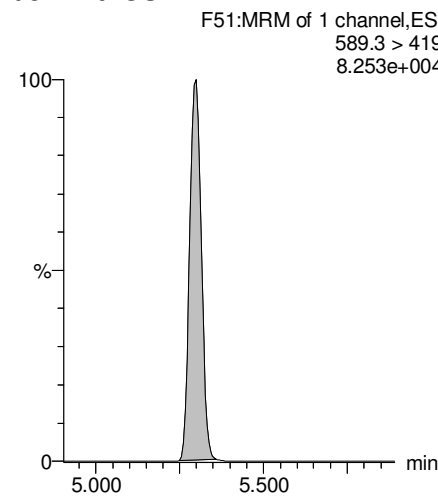
13C2-PFUdA



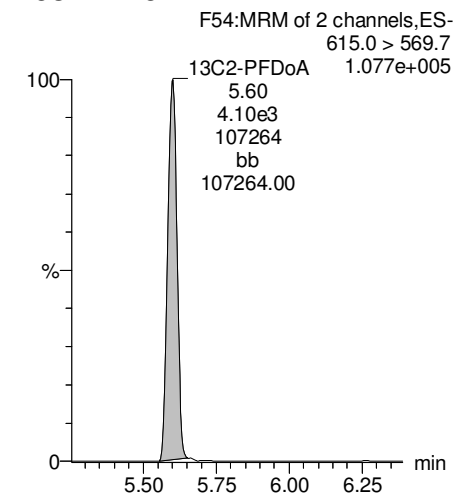
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-43.qld

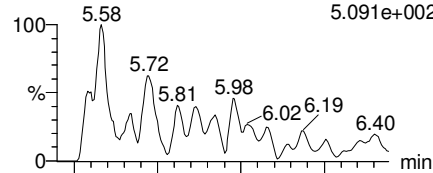
Last Altered: Monday, February 05, 2018 12:30:47 Pacific Standard Time

Printed: Monday, February 05, 2018 12:31:29 Pacific Standard Time

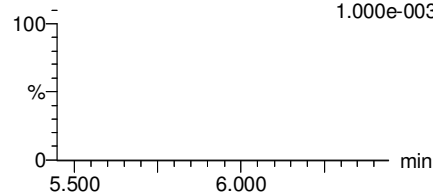
Name: 180130M2_43, Date: 30-Jan-2018, Time: 19:35:04, ID: 1800121-12 IRSite1-GW-01W49A- 20180115 0.26214, Description: IRSite1-GW-01W49A- 20180115

PFTrDA

F59:MRM of 2 channels,ES-
662.9 > 618.9
5.091e+002

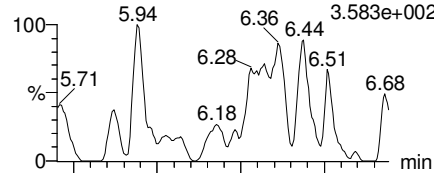


F59:MRM of 2 channels,ES-
662.9 > 319
1.000e-003

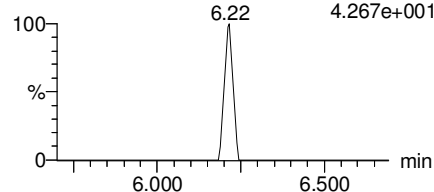


PFTeDA

F60:MRM of 2 channels,ES-
712.9 > 668.8
3.583e+002

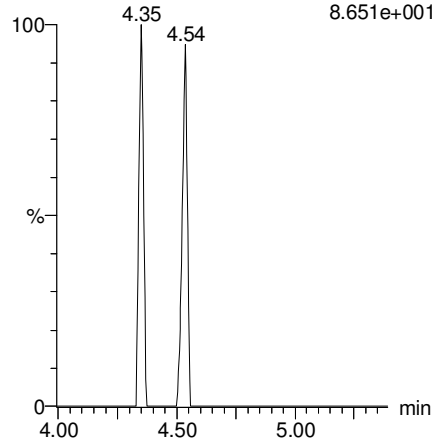


F60:MRM of 2 channels,ES-
712.9 > 369
4.267e+001



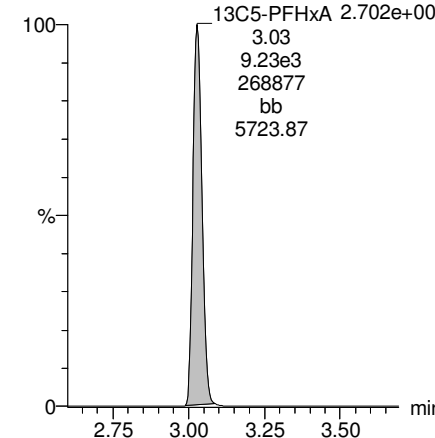
TCDA

F30:MRM of 3 channels,ES-
498.3 > 106.9
8.651e+001



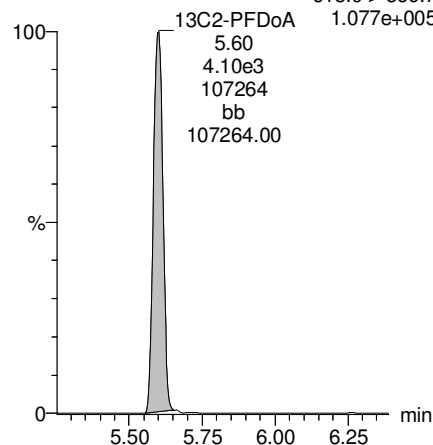
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
13C5-PFHxA 2.702e+005



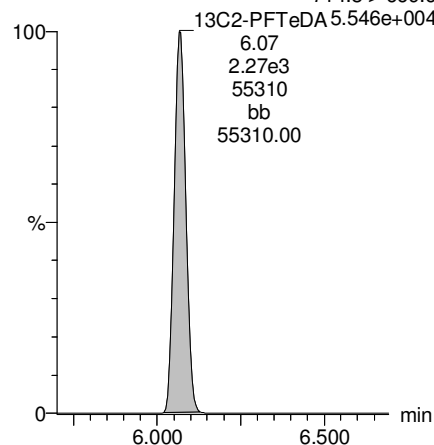
13C2-PFDoA

F54:MRM of 2 channels,ES-
615.0 > 569.7



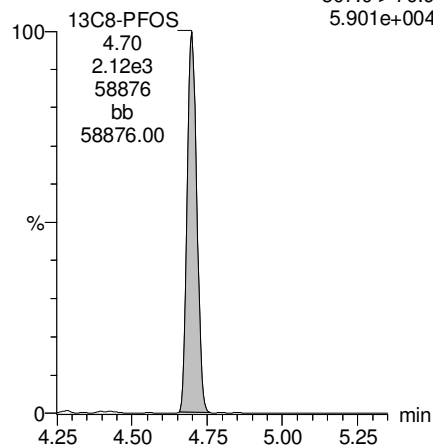
13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6



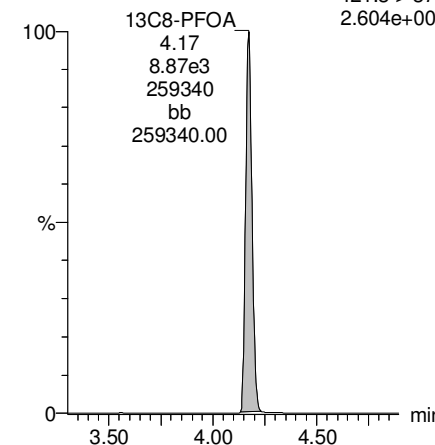
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9



13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376

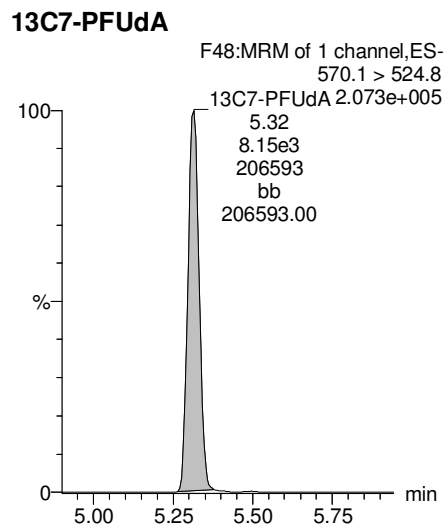
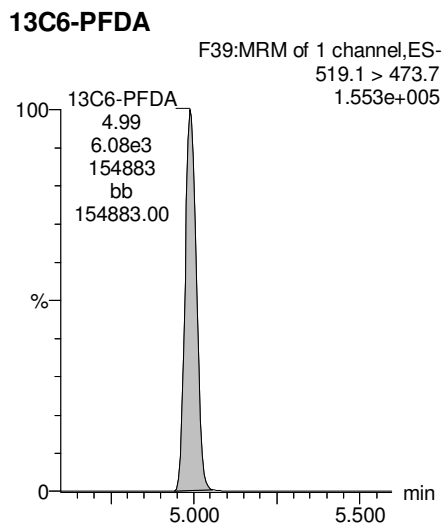
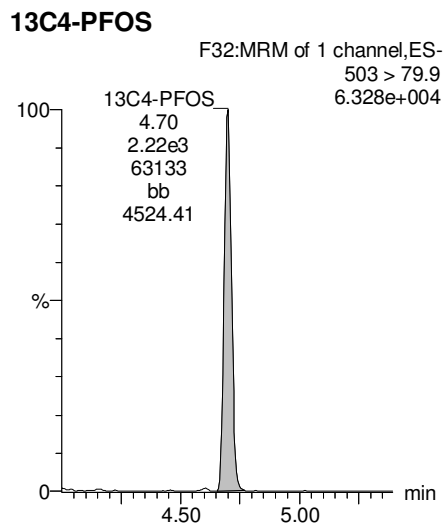
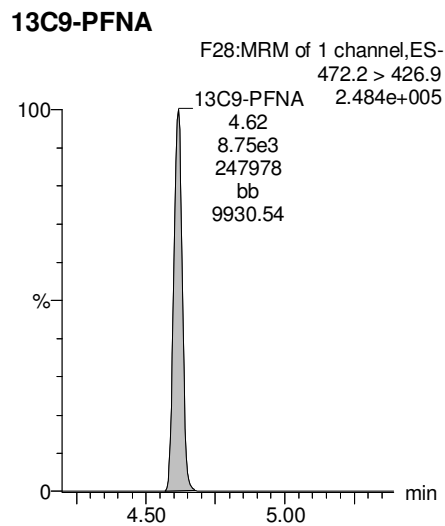
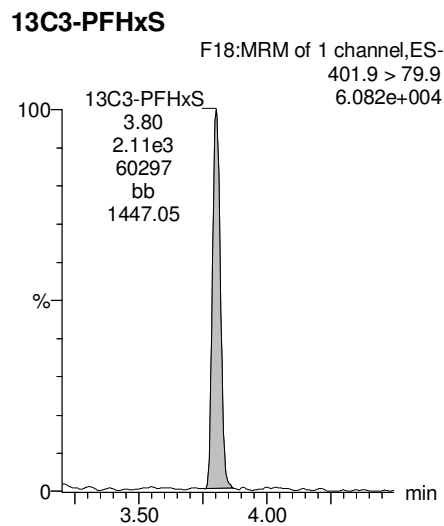


Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-43.qld

Last Altered: Monday, February 05, 2018 12:30:47 Pacific Standard Time

Printed: Monday, February 05, 2018 12:31:29 Pacific Standard Time

Name: 180130M2_43, Date: 30-Jan-2018, Time: 19:35:04, ID: 1800121-12 IRSite1-GW-01W49A- 20180115 0.26214, Description: IRSite1-GW-01W49A- 20180115



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-44.qld

Last Altered: Monday, February 05, 2018 12:35:29 Pacific Standard Time

Printed: Monday, February 05, 2018 12:36:01 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_44, Date: 30-Jan-2018, Time: 19:46:34, ID: 1800121-13 IRSite1-GW-01W13A- 20180115 0.24739, Description: IRSite1-GW-01W13A- 20180115

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7	1.35e3	9.72e2	0.247		2.56	2.53	17.4	38.8936	
2	5 PFHxA	313.2 > 268.9	2.45e4	2.29e3	0.247		3.05	3.03	53.5	135.2713	
3	7 PFHpA	363.0 > 318.9	1.34e4	6.41e3	0.247		3.68	3.65	26.1	89.1303	
4	8 L-PFHxS	398.9 > 79.6	2.62e3	6.97e2	0.247		3.80	3.80	47.0	102.3071	
5	11 L-PFOA	413 > 368.7	1.59e4	9.03e3	0.247		4.20	4.18	22.1	85.5934	
6	14 PFNA	463.0 > 418.8	2.25e2	6.91e3	0.247		4.65	4.62	0.407	0.8008	
7	16 L-PFOS	499 > 79.9	4.88e2	2.09e3	0.247		4.71	4.55	2.93	11.5624	
8	18 PFDA	513 > 468.8		6.15e3	0.247		5.03				
9	21 N-MeFOSAA	570.1 > 419		2.57e3	0.247		5.20				
10	22 N-EtFOSAA	584.2 > 419		3.17e3	0.247		5.30				
11	23 PFUdA	563.0 > 518.9		7.39e3	0.247		5.36				

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-44.qld

Last Altered: Monday, February 05, 2018 12:35:29 Pacific Standard Time

Printed: Monday, February 05, 2018 12:36:14 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_44, Date: 30-Jan-2018, Time: 19:46:34, ID: 1800121-13 IRSite1-GW-01W13A- 20180115 0.24739, Description: IRSite1-GW-01W13A- 20180115

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	25	PFDa	612.9 > 569.0	5.75e3	0.247		5.65					
2	27	PFTDA	662.9 > 618.9	2.27e3	0.247		5.90					
3	28	PFTeDA	712.9 > 668.8	2.27e3	0.247		6.12					
4	36	13C3-PFBS	302. > 98.8	9.72e2	9.23e3	0.247	0.109	2.56	2.53	1.32	48.7473	96.5
5	37	13C2-PFHxA	315 > 269.8	2.29e3	9.23e3	0.247	0.684	3.05	3.03	3.11	18.3660	90.9
6	38	13C4-PFHpA	367.2 > 321.8	6.41e3	9.23e3	0.247	0.732	3.68	3.65	8.69	47.9590	94.9
7	39	18O2-PFHxS	403.0 > 102.6	6.97e2	2.47e3	0.247	0.318	3.80	3.81	3.52	44.7123	88.5
8	40	13C2-6:2 FTS	429.1 > 408.9	1.80e3	9.97e3	0.247	0.263	4.15	4.12	2.25	34.5762	68.4
9	41	13C2-PFOA	414.9 > 369.7	9.03e3	9.97e3	0.247	1.120	4.20	4.18	11.3	40.8548	80.9
10	42	13C5-PFNA	468.2 > 422.9	6.91e3	8.70e3	0.247	0.921	4.65	4.62	9.93	43.5808	86.3
11	43	13C8-PFOA	506.1 > 77.7	1.50e3	1.13e4	0.247	0.245	4.70	4.68	1.66	27.4278	54.3
12	44	13C8-PFOS	507.0 > 79.9	2.09e3	2.25e3	0.247	1.034	4.75	4.70	11.6	45.3875	89.8
13	45	13C2-PFDA	515.1 > 469.9	6.15e3	7.94e3	0.247	1.080	5.03	4.99	9.68	36.2501	71.7
14	46	13C2-8:2 FTS	529.1 > 508.7	1.17e3	9.23e3	0.247	0.165	5.00	4.96	1.58	38.8600	76.9
15	47	d3-N-MeFOSAA	573.3 > 419	2.57e3	1.13e4	0.247	0.398	5.20	5.14	2.84	28.8620	57.1
16	48	d5-N-EtFOSAA	589.3 > 419	3.17e3	1.13e4	0.247	0.425	5.30	5.30	3.51	33.3776	66.1
17	49	13C2-PFUDa	565 > 519.8	7.39e3	1.13e4	0.247	1.047	5.36	5.32	8.17	31.5396	62.4
18	50	13C2-PFDa	615.0 > 569.7	5.75e3	1.13e4	0.247	0.805	5.65	5.60	6.36	31.9046	63.1
19	52	13C2-PFTeDA	714.8 > 669.6	2.27e3	1.13e4	0.247	0.367	6.12	6.07	2.50	27.5901	54.6
20	57	13C4-PFBA	217. > 171.8	6.61e3	6.61e3	0.247	1.000	1.30	1.30	12.5	50.5275	100.0
21	58	13C5-PFHxA	318 > 272.9	9.23e3	9.23e3	0.247	1.000	3.05	3.03	12.5	50.5275	100.0
22	59	13C3-PFHxS	401.9 > 79.9	2.47e3	2.47e3	0.247	1.000	3.80	3.80	12.5	50.5275	100.0
23	60	13C8-PFOA	421.3 > 376	9.97e3	9.97e3	0.247	1.000	4.20	4.18	12.5	50.5275	100.0
24	61	13C9-PFNA	472.2 > 426.9	8.70e3	8.70e3	0.247	1.000	4.65	4.62	12.5	50.5275	100.0
25	62	13C4-PFOS	503 > 79.9	2.25e3	2.25e3	0.247	1.000	4.60	4.70	12.5	50.5275	100.0
26	63	13C6-PFDA	519.1 > 473.7	7.94e3	7.94e3	0.247	1.000	5.03	4.99	12.5	50.5275	100.0
27	64	13C7-PFUDa	570.1 > 524.8	1.13e4	1.13e4	0.247	1.000	5.36	5.31	12.5	50.5275	100.0
28	65	Total PFHxS	398.9 > 79.6	2.62e3	6.97e2	0.247		3.70		47.0	102.3071	
29	66	Total PFOA	413 > 368.7	2.11e4	9.03e3	0.247		4.20		29.2	113.0150	
30	67	Total PFOS	499 > 79.9	4.88e2	2.09e3	0.247		4.70		2.93	11.5624	
31	68	Total N-MeFOSAA	570.1 > 419	0.00e0	2.57e3	0.247		5.20		0.000		
32	69	Total N-EtFOSAA	584.2 > 419	0.00e0	3.17e3	0.247		5.30		0.000		

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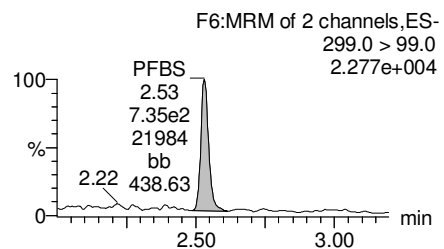
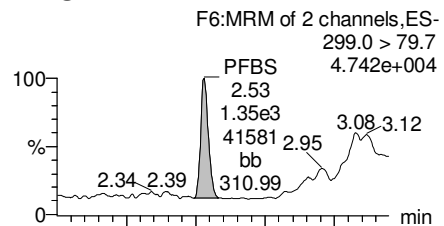
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Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

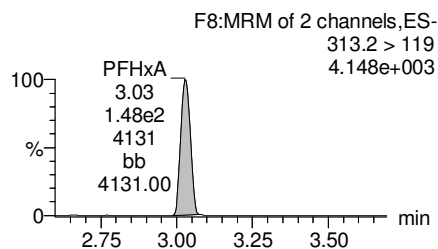
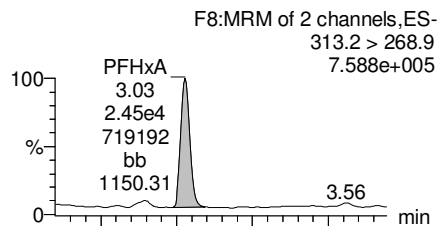
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Name: 180130M2_44, Date: 30-Jan-2018, Time: 19:46:34, ID: 1800121-13 IRSite1-GW-01W13A- 20180115 0.24739, Description: IRSite1-GW-01W13A- 20180115

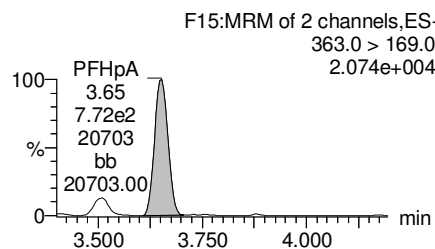
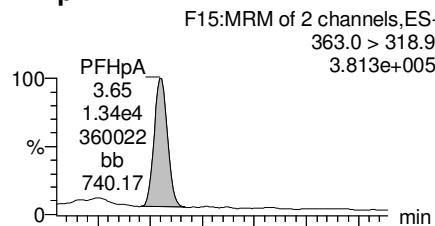
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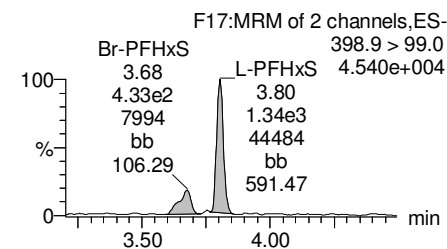
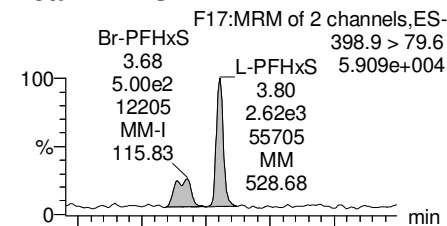
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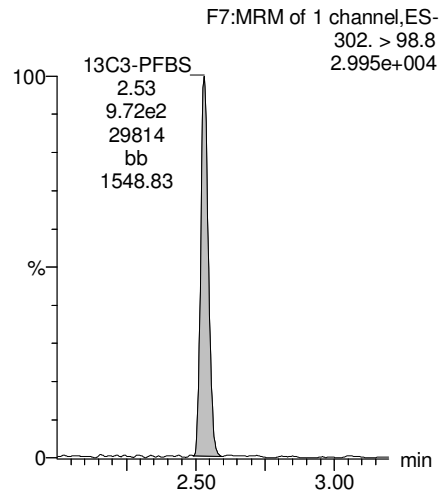
PFHpA



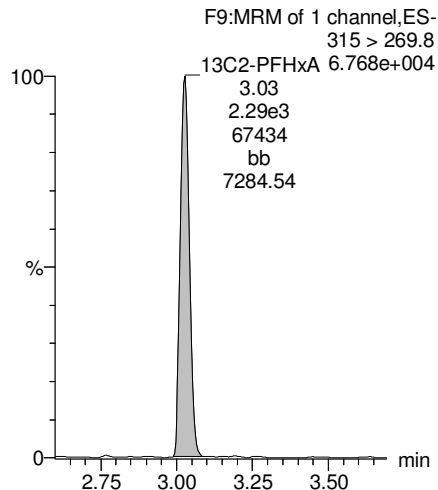
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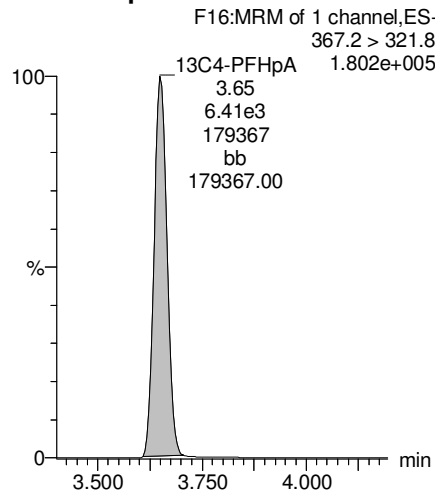
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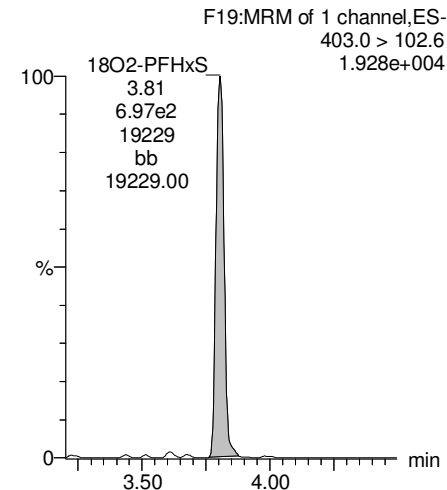
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



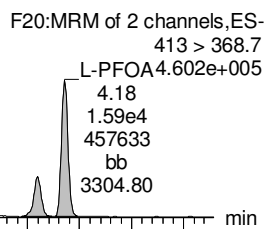
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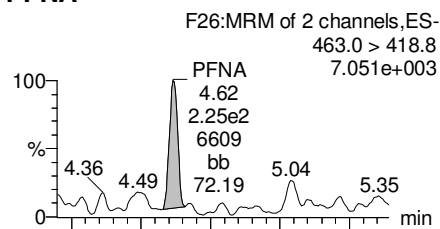
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Name: 180130M2_44, Date: 30-Jan-2018, Time: 19:46:34, ID: 1800121-13 IRSite1-GW-01W13A- 20180115 0.24739, Description: IRSite1-GW-01W13A- 20180115

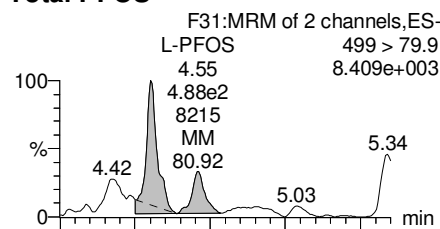
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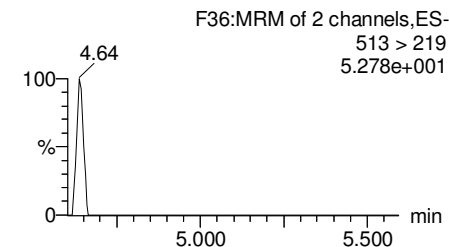
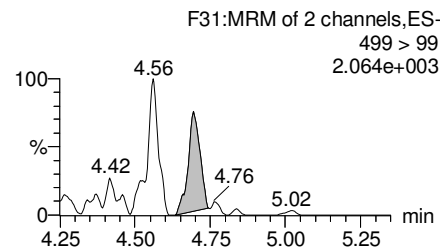
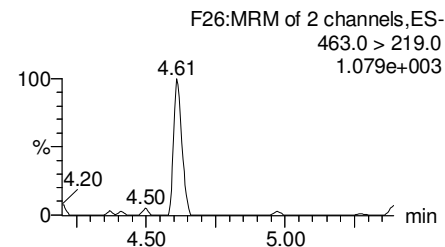
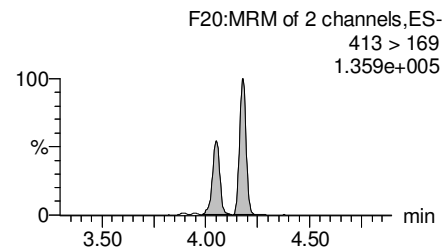
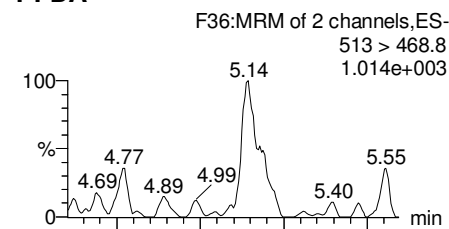
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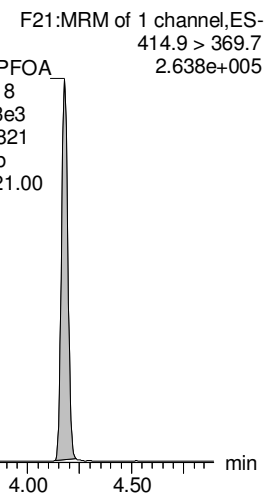
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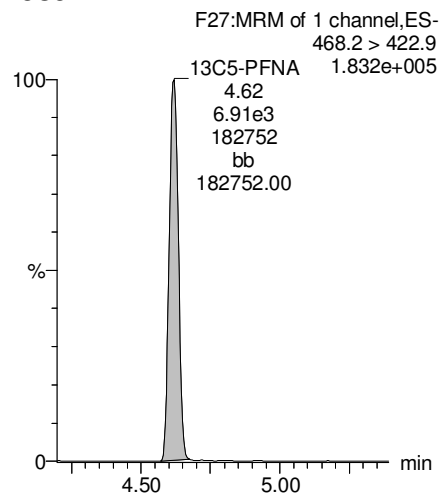
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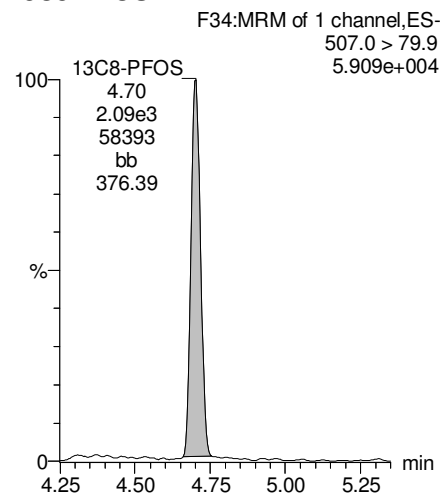
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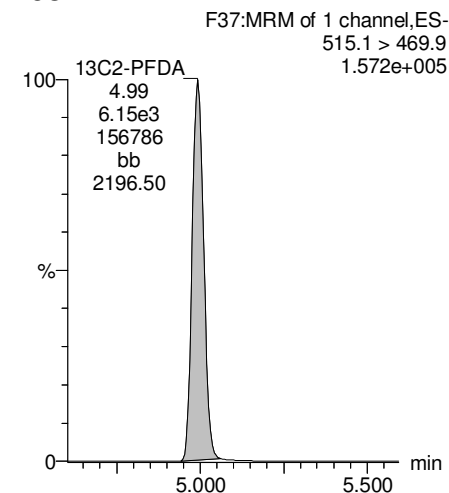
13C5-PFNA



13C8-PFOS



13C2-PFDA



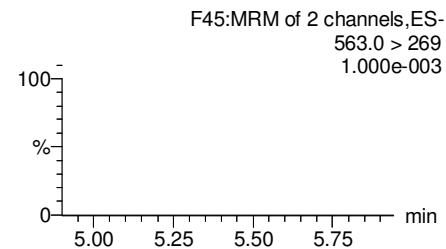
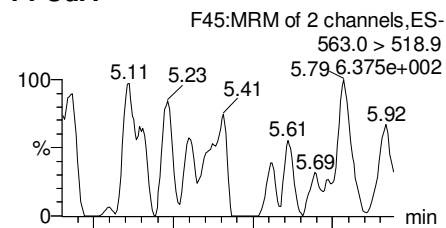
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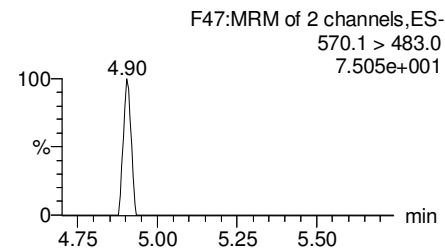
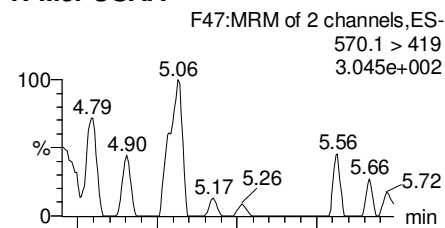
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Name: 180130M2_44, Date: 30-Jan-2018, Time: 19:46:34, ID: 1800121-13 IRSite1-GW-01W13A- 20180115 0.24739, Description: IRSite1-GW-01W13A- 20180115

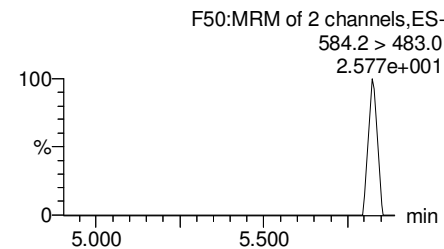
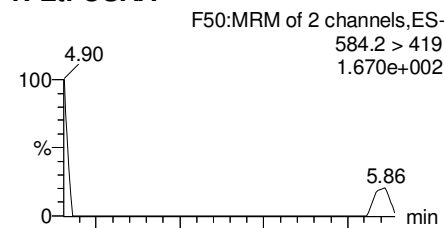
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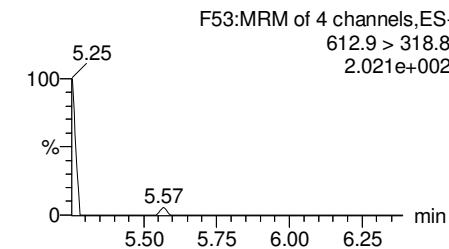
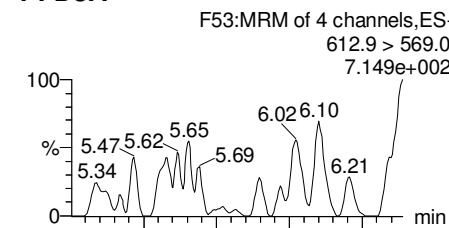
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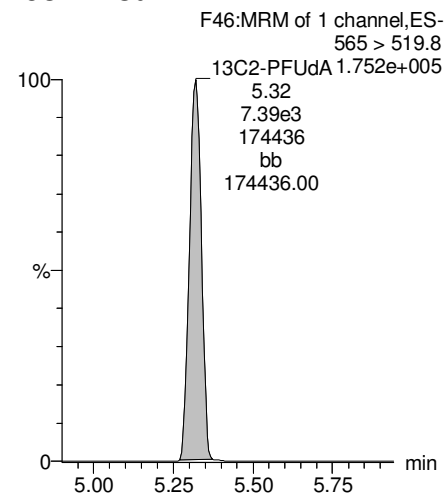
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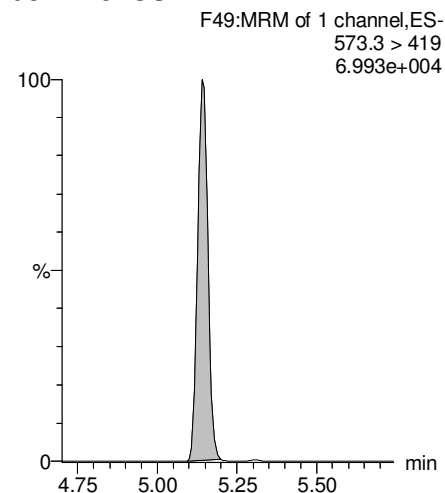
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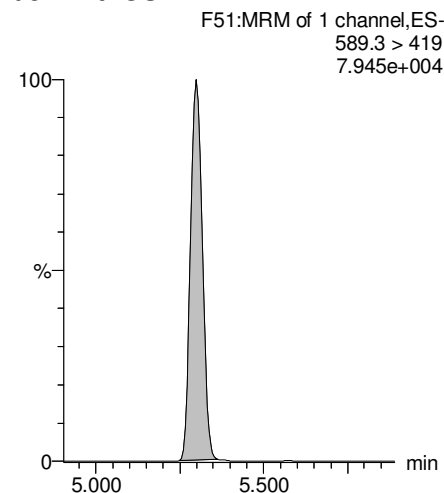
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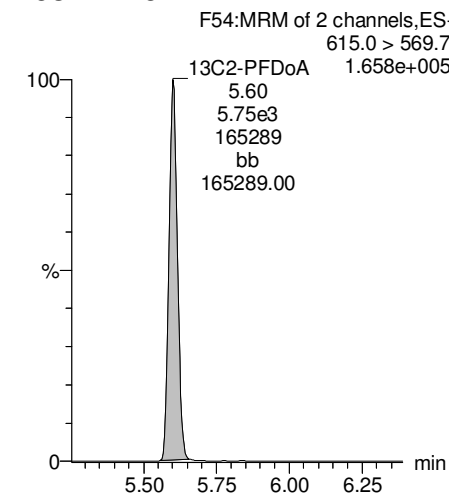
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



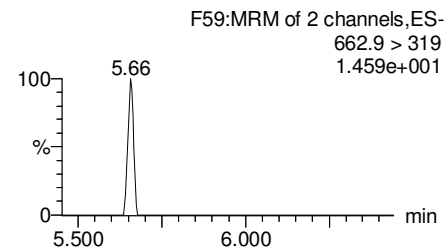
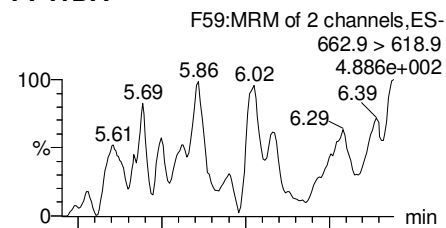
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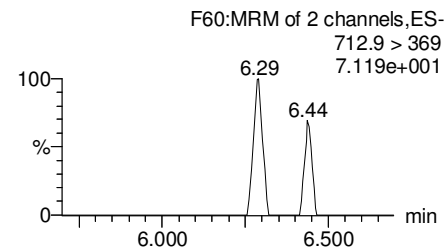
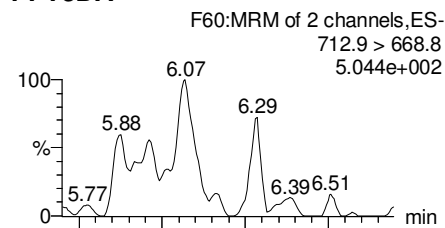
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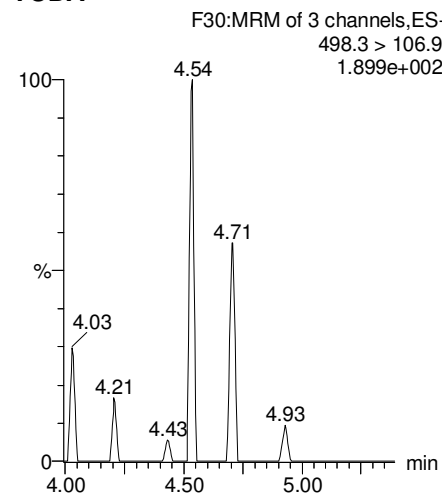
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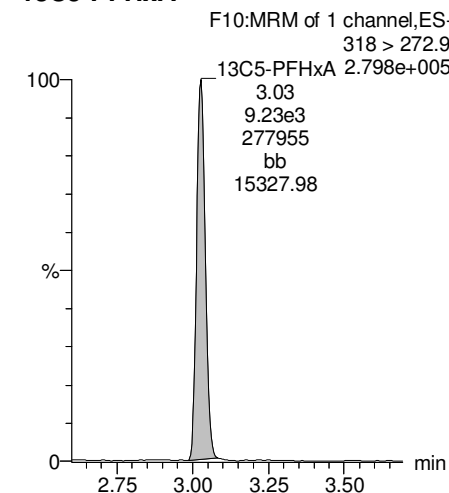
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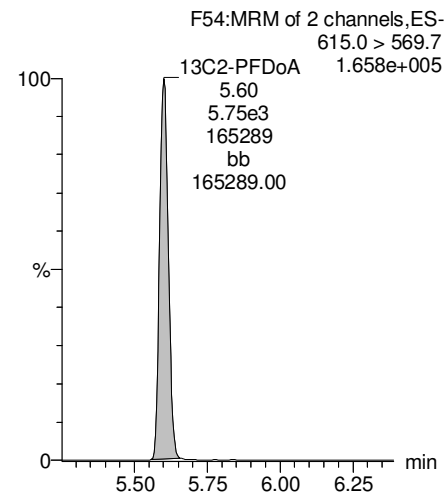
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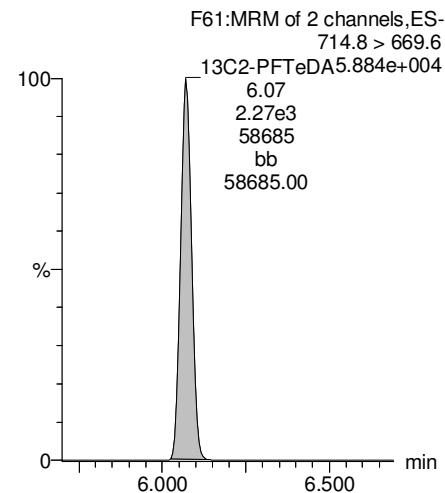
13C5-PFHxA



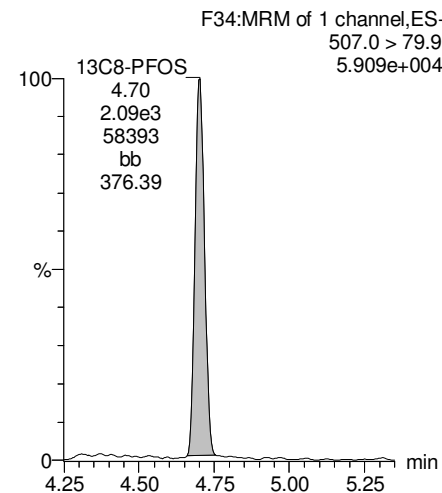
13C2-PFDoA



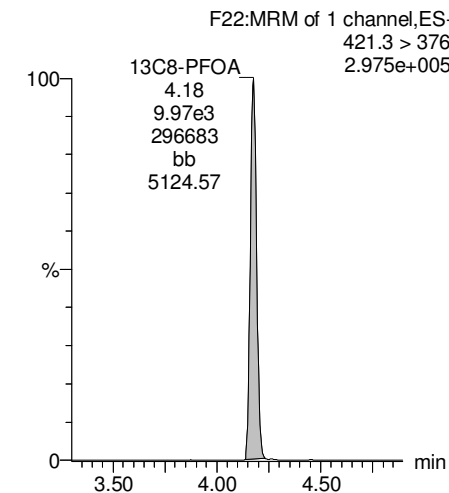
13C2-PFTeDA



13C8-PFOS



13C8-PFOA

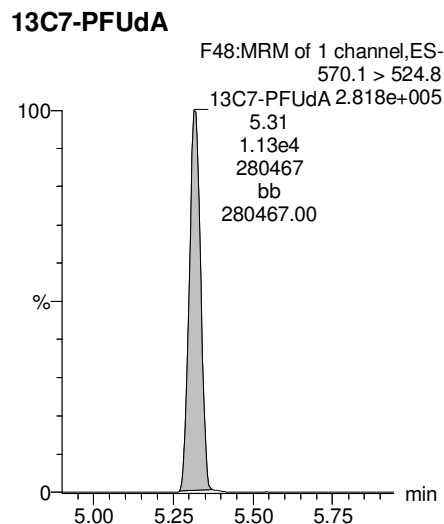
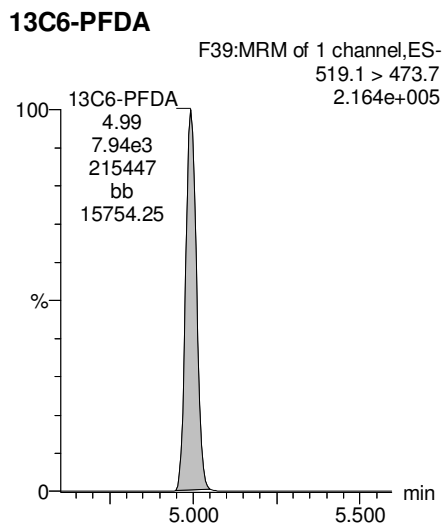
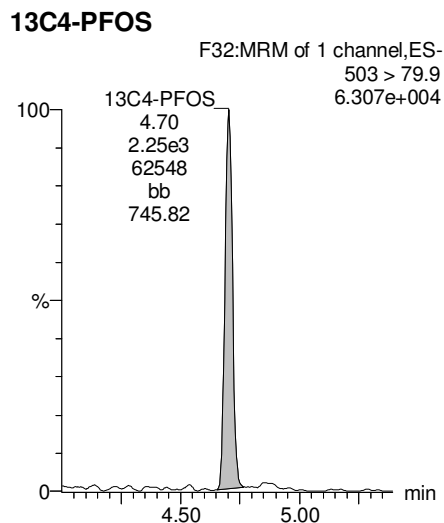
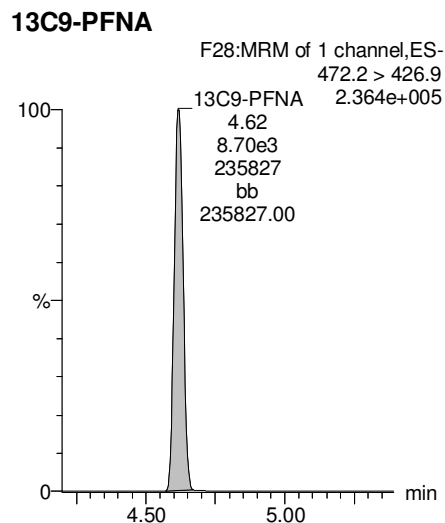
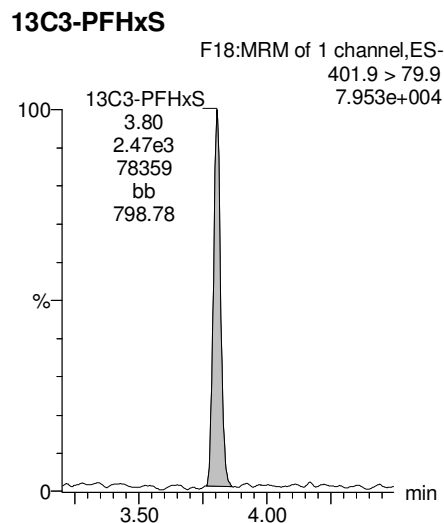


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Last Altered: Monday, February 05, 2018 12:35:29 Pacific Standard Time

Printed: Monday, February 05, 2018 12:36:14 Pacific Standard Time

Name: 180130M2_44, Date: 30-Jan-2018, Time: 19:46:34, ID: 1800121-13 IRSite1-GW-01W13A- 20180115 0.24739, Description: IRSite1-GW-01W13A- 20180115



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-45.qld

Last Altered: Monday, February 05, 2018 12:40:33 Pacific Standard Time

Printed: Monday, February 05, 2018 12:41:00 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_45, Date: 30-Jan-2018, Time: 19:58:03, ID: 1800121-14 DUP01-20180115 0.26578, Description: DUP01-20180115

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7	1.76e3	1.08e3	0.266		2.56	2.53	20.3	42.3977	
2	5 PFHxA	313.2 > 268.9	2.79e4	2.58e3	0.266		3.05	3.03	54.1	127.4226	
3	7 PFHpA	363.0 > 318.9	1.44e4	6.90e3	0.266		3.68	3.65	26.0	82.5783	
4	8 L-PFHxS	398.9 > 79.6	3.06e3	8.11e2	0.266		3.80	3.80	47.1	95.4516	
5	11 L-PFOA	413 > 368.7	1.89e4	1.06e4	0.266		4.20	4.18	22.3	80.6788	
6	14 PFNA	463.0 > 418.8	1.99e2	9.00e3	0.266		4.65	4.62	0.276	0.3431	
7	16 L-PFOS	499 > 79.9	5.89e2	2.44e3	0.266		4.75	4.56	3.02	11.0905	
8	18 PFDA	513 > 468.8		7.57e3	0.266		5.03				
9	21 N-MeFOSAA	570.1 > 419		2.91e3	0.266		5.20				
10	22 N-EtFOSAA	584.2 > 419		3.44e3	0.266		5.30				
11	23 PFUdA	563.0 > 518.9	4.07e1	1.14e4	0.266		5.36	5.31	0.0446	0.0537	

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-45.qld

Last Altered: Monday, February 05, 2018 12:40:33 Pacific Standard Time

Printed: Monday, February 05, 2018 12:41:10 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_45, Date: 30-Jan-2018, Time: 19:58:03, ID: 1800121-14 DUP01-20180115 0.26578, Description: DUP01-20180115

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	25	PFDa	612.9 > 569.0	6.65e3	0.266		5.65					
2	27	PFTDA	662.9 > 618.9	2.41e3	0.266		5.90					
3	28	PFTeDA	712.9 > 668.8	2.41e3	0.266		6.12					
4	36	13C3-PFBS	302. > 98.8	1.08e3	9.31e3	0.266	0.109	2.56	2.53	1.45	49.9596	106.2
5	37	13C2-PFHxA	315 > 269.8	2.58e3	9.31e3	0.266	0.684	3.05	3.03	3.46	19.0499	101.3
6	38	13C4-PFHpA	367.2 > 321.8	6.90e3	9.31e3	0.266	0.732	3.68	3.65	9.26	47.5971	101.2
7	39	18O2-PFHxS	403.0 > 102.6	8.11e2	2.58e3	0.266	0.318	3.80	3.81	3.93	46.4561	98.8
8	40	13C2-6:2 FTS	429.1 > 408.9	1.84e3	9.39e3	0.266	0.263	4.15	4.12	2.44	34.9548	74.3
9	41	13C2-PFOA	414.9 > 369.7	1.06e4	9.39e3	0.266	1.120	4.20	4.18	14.1	47.3867	100.8
10	42	13C5-PFNA	468.2 > 422.9	9.00e3	8.58e3	0.266	0.921	4.65	4.62	13.1	53.6274	114.0
11	43	13C8-PFOA	506.1 > 77.7	1.59e3	1.17e4	0.266	0.245	4.70	4.68	1.70	26.1123	55.5
12	44	13C8-PFOS	507.0 > 79.9	2.44e3	2.76e3	0.266	1.034	4.75	4.70	11.0	40.1663	85.4
13	45	13C2-PFDA	515.1 > 469.9	7.57e3	8.79e3	0.266	1.080	5.03	4.99	10.8	37.5342	79.8
14	46	13C2-8:2 FTS	529.1 > 508.7	1.41e3	9.31e3	0.266	0.165	5.00	4.96	1.90	43.2846	92.0
15	47	d3-N-MeFOSAA	573.3 > 419	2.91e3	1.17e4	0.266	0.398	5.20	5.15	3.12	29.5414	62.8
16	48	d5-N-EtFOSAA	589.3 > 419	3.44e3	1.17e4	0.266	0.425	5.30	5.30	3.68	32.6118	69.3
17	49	13C2-PFUDa	565 > 519.8	1.14e4	1.17e4	0.266	1.047	5.36	5.32	12.2	43.9326	93.4
18	50	13C2-PFDOa	615.0 > 569.7	6.65e3	1.17e4	0.266	0.805	5.65	5.61	7.13	33.3045	70.8
19	52	13C2-PFTeDA	714.8 > 669.6	2.41e3	1.17e4	0.266	0.367	6.12	6.07	2.58	26.4752	56.3
20	57	13C4-PFBA	217. > 171.8	7.15e3	7.15e3	0.266	1.000	1.30	1.30	12.5	47.0314	100.0
21	58	13C5-PFHxA	318 > 272.9	9.31e3	9.31e3	0.266	1.000	3.05	3.03	12.5	47.0314	100.0
22	59	13C3-PFHxS	401.9 > 79.9	2.58e3	2.58e3	0.266	1.000	3.80	3.80	12.5	47.0314	100.0
23	60	13C8-PFOA	421.3 > 376	9.39e3	9.39e3	0.266	1.000	4.20	4.18	12.5	47.0314	100.0
24	61	13C9-PFNA	472.2 > 426.9	8.58e3	8.58e3	0.266	1.000	4.65	4.62	12.5	47.0314	100.0
25	62	13C4-PFOS	503 > 79.9	2.76e3	2.76e3	0.266	1.000	4.60	4.70	12.5	47.0314	100.0
26	63	13C6-PFDA	519.1 > 473.7	8.79e3	8.79e3	0.266	1.000	5.03	4.99	12.5	47.0314	100.0
27	64	13C7-PFUDa	570.1 > 524.8	1.17e4	1.17e4	0.266	1.000	5.36	5.32	12.5	47.0314	100.0
28	65	Total PFHxS	398.9 > 79.6	3.06e3	8.11e2	0.266		3.70		47.1	95.4516	
29	66	Total PFOA	413 > 368.7	2.47e4	1.06e4	0.266		4.20		29.1	104.6900	
30	67	Total PFOS	499 > 79.9	5.89e2	2.44e3	0.266		4.70		3.02	11.0905	
31	68	Total N-MeFOSAA	570.1 > 419	0.00e0	2.91e3	0.266		5.20		0.000		
32	69	Total N-EtFOSAA	584.2 > 419	0.00e0	3.44e3	0.266		5.30		0.000		

Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-45.qld

Last Altered: Monday, February 05, 2018 12:40:33 Pacific Standard Time

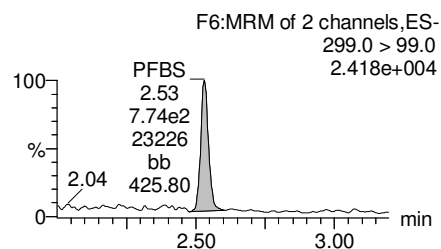
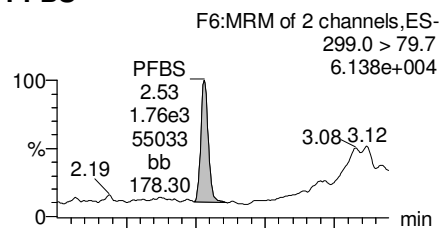
Printed: Monday, February 05, 2018 12:41:10 Pacific Standard Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 01 Feb 2018 10:41:05

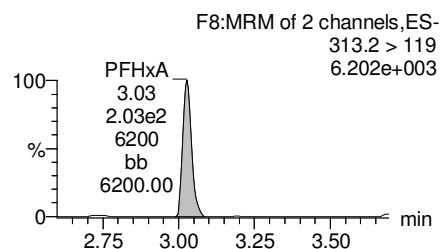
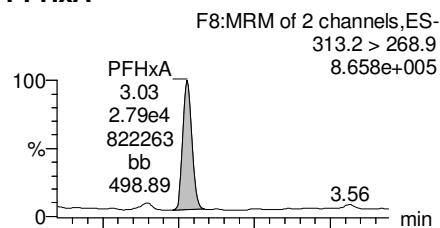
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Name: 180130M2_45, Date: 30-Jan-2018, Time: 19:58:03, ID: 1800121-14 DUP01-20180115 0.26578, Description: DUP01-20180115

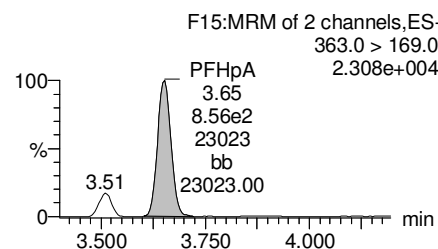
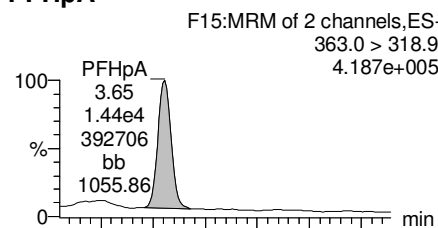
PFBS



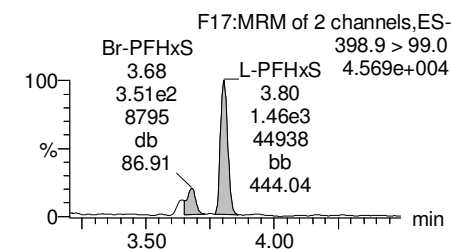
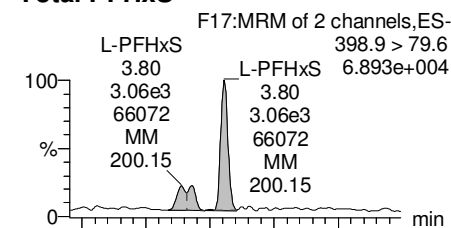
PFHxA



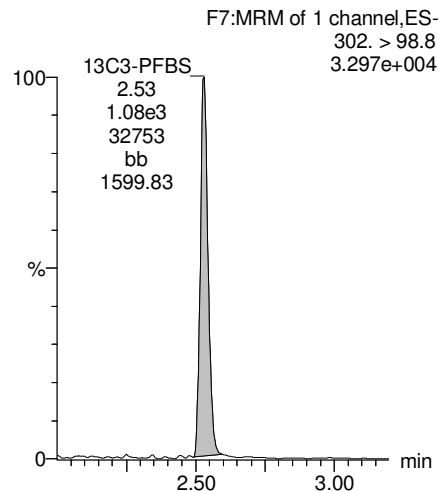
PFHpA



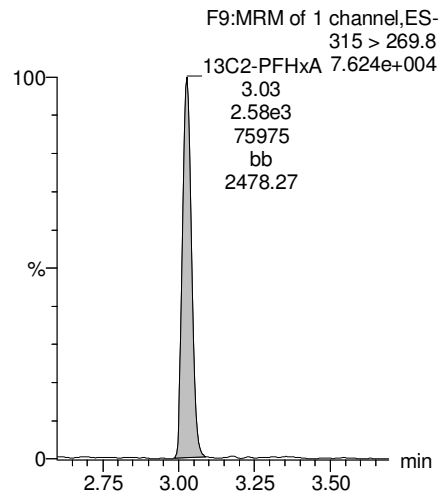
Total PFHxS



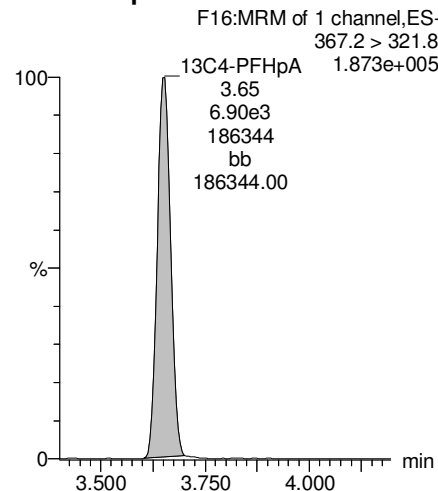
13C3-PFBS



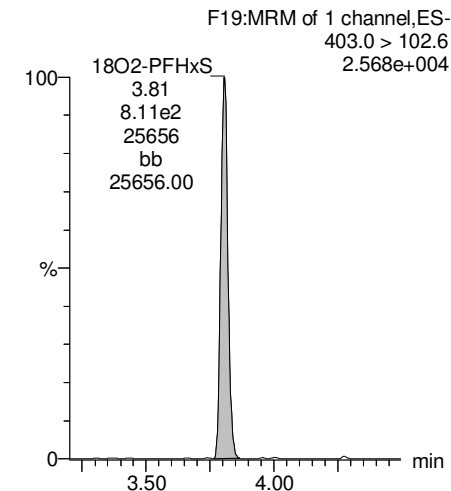
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-45.qld

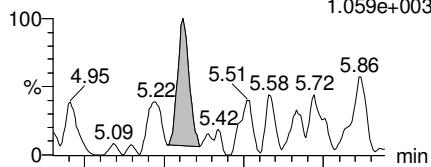
Last Altered: Monday, February 05, 2018 12:40:33 Pacific Standard Time

Printed: Monday, February 05, 2018 12:41:10 Pacific Standard Time

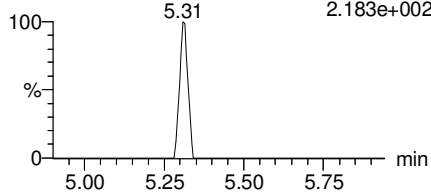
Name: 180130M2_45, Date: 30-Jan-2018, Time: 19:58:03, ID: 1800121-14 DUP01-20180115 0.26578, Description: DUP01-20180115

PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
1.059e+003

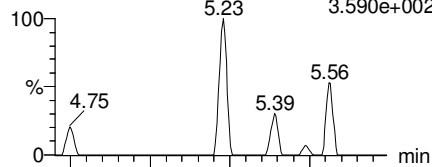


F45:MRM of 2 channels,ES-
563.0 > 269
2.183e+002

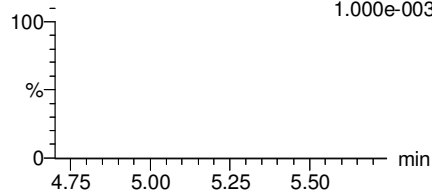


N-MeFOSAA

F47:MRM of 2 channels,ES-
570.1 > 419
3.590e+002

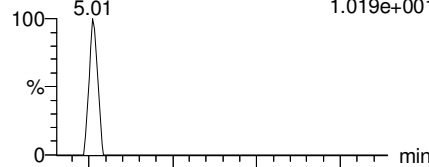


F47:MRM of 2 channels,ES-
570.1 > 483.0
1.000e-003

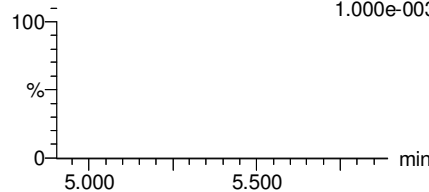


N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
1.019e+001

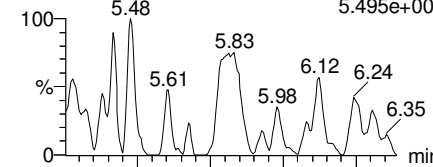


F50:MRM of 2 channels,ES-
584.2 > 483.0
1.000e-003

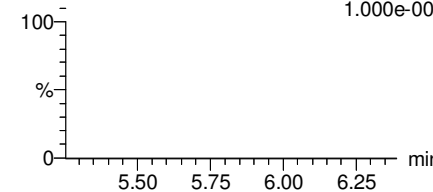


PFDaA

F53:MRM of 4 channels,ES-
612.9 > 569.0
5.495e+002

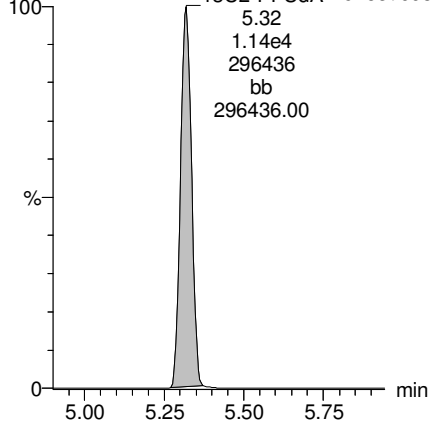


F53:MRM of 4 channels,ES-
612.9 > 318.8
1.000e-003



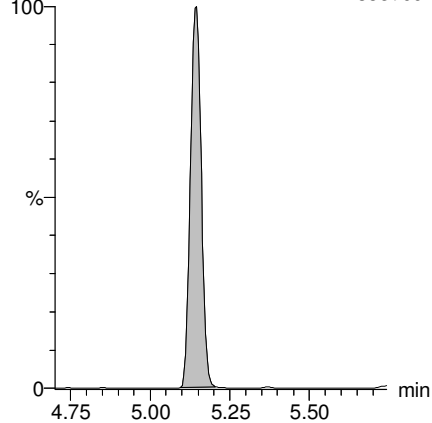
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
13C2-PFUdA 2.976e+005



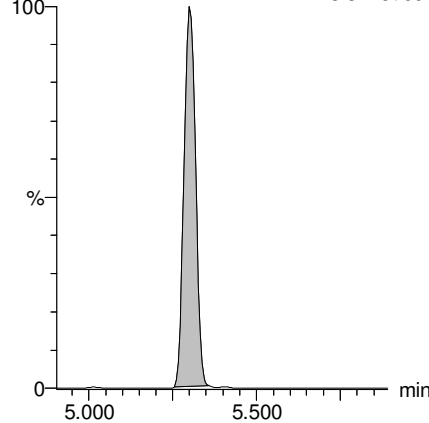
d3-N-MeFOSAA

F49:MRM of 1 channel,ES-
573.3 > 419
7.485e+004



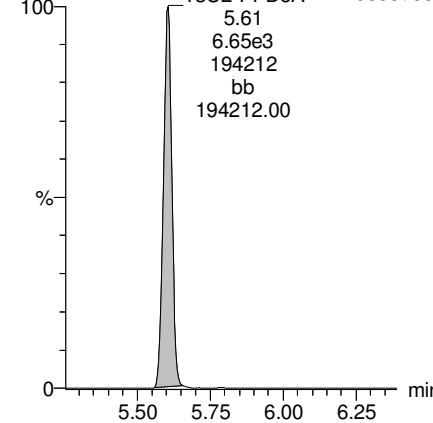
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
8.821e+004



13C2-PFDaA

F54:MRM of 2 channels,ES-
615.0 > 569.7
13C2-PFDaA 1.950e+005



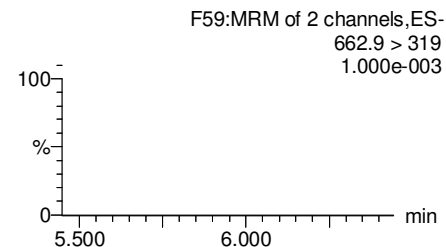
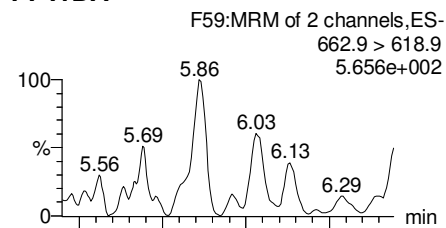
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Last Altered: Monday, February 05, 2018 12:40:33 Pacific Standard Time

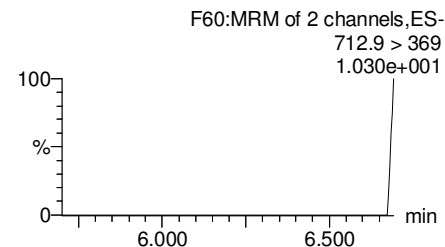
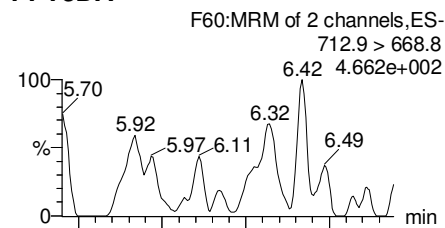
Printed: Monday, February 05, 2018 12:41:10 Pacific Standard Time

Name: 180130M2_45, Date: 30-Jan-2018, Time: 19:58:03, ID: 1800121-14 DUP01-20180115 0.26578, Description: DUP01-20180115

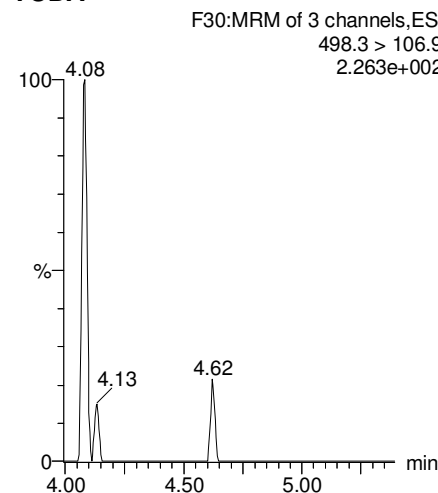
PFTrDA



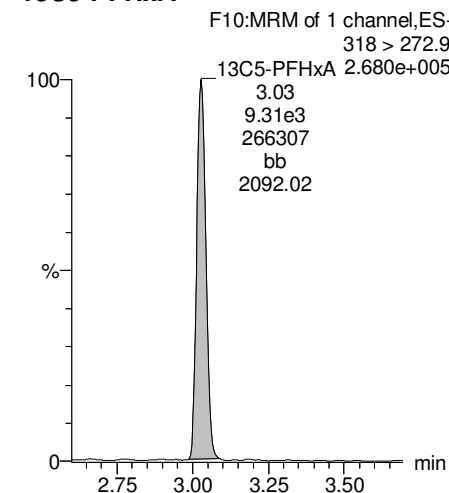
PFTeDA



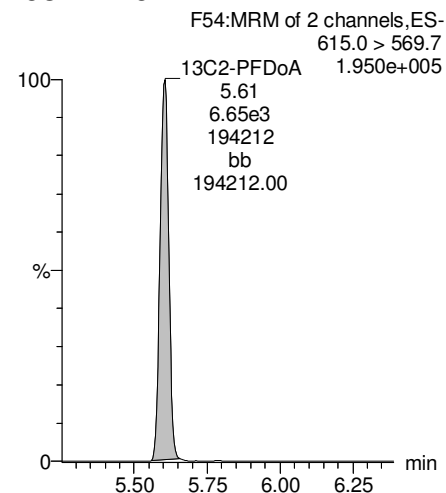
TCDA



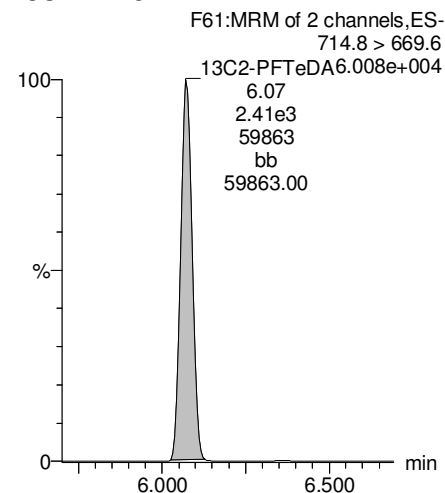
13C5-PFHxA



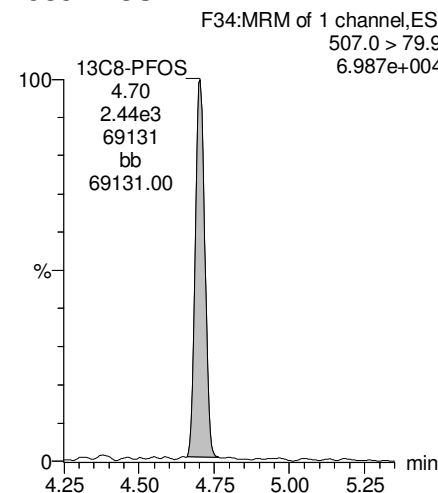
13C2-PFDoA



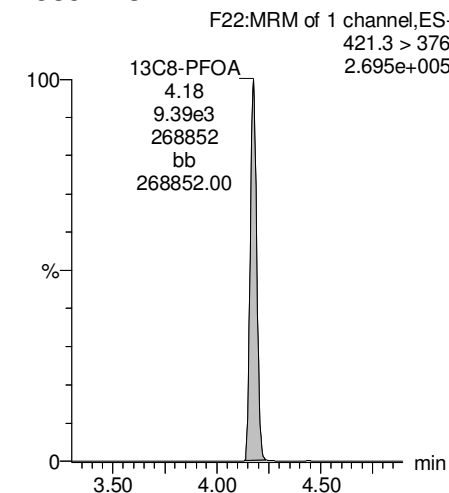
13C2-PFTeDA



13C8-PFOS



13C8-PFOA



Dataset: Z:\Projects\PFAS.PRO\Results\180130M2\180130M2-45.qld

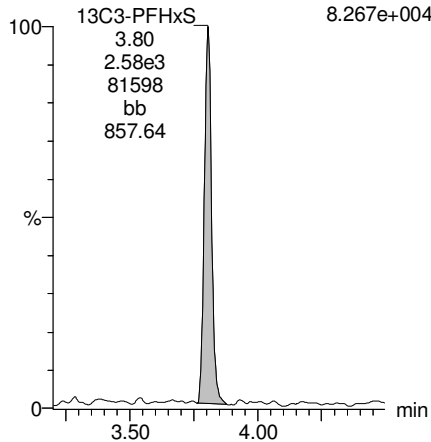
Last Altered: Monday, February 05, 2018 12:40:33 Pacific Standard Time

Printed: Monday, February 05, 2018 12:41:10 Pacific Standard Time

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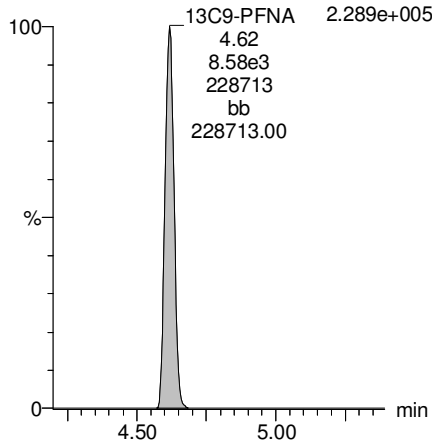
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
8.267e+004



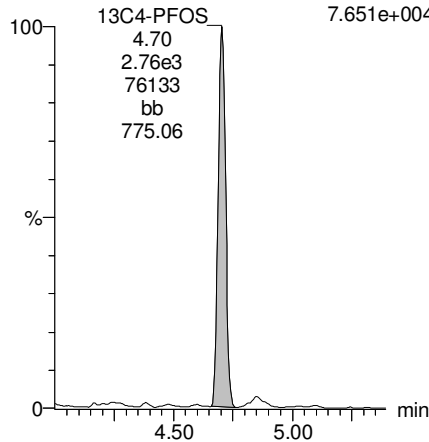
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
2.289e+005



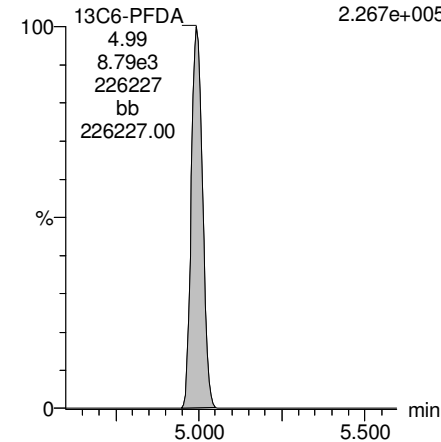
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
7.651e+004



13C6-PFDA

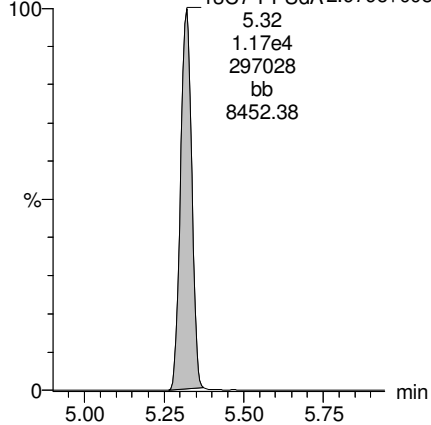
F39:MRM of 1 channel,ES-
519.1 > 473.7
2.267e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8

13C7-PFUdA 2.979e+005



**INJECTION INTERNAL STANDARD (IIS) AREAS,
INSTRUMENT BLANKS (IB)
AND
CONTINUING CALIBRATION VERIFICATIONS (CCV)**

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-IIS.qld

Last Altered: Tuesday, January 30, 2018 09:14:25 Pacific Standard Time

Printed: Tuesday, January 30, 2018 09:15:52 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_RS-1-23-18.mdb 24 Jan 2018 12:08:53

Calibration: 30 Jan 2018 09:05:24

Name: 180129M1_7, Date: 29-Jan-2018, Time: 11:24:59, ID: ST180129M1-6 PFC CS3 18A1909, Description: PFC CS3 18A1909

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180129M1-6 PFC CS3 18A1909	1.33e4	100.0	NO
2	2 13C5-PFHxA	ST180129M1-6 PFC CS3 18A1909	1.53e4	100.0	NO
3	3 13C3-PFHxS	ST180129M1-6 PFC CS3 18A1909	3.57e3	100.0	NO
4	4 13C8-PFOA	ST180129M1-6 PFC CS3 18A1909	1.62e4	100.0	NO
5	5 13C9-PFNA	ST180129M1-6 PFC CS3 18A1909	1.44e4	100.0	NO
6	6 13C4-PFOS	ST180129M1-6 PFC CS3 18A1909	3.14e3	100.0	NO
7	7 13C6-PFDA	ST180129M1-6 PFC CS3 18A1909	1.14e4	100.0	NO
8	8 13C7-PFUDa	ST180129M1-6 PFC CS3 18A1909	1.72e4	100.0	NO

Name: 180129M1_8, Date: 29-Jan-2018, Time: 11:36:29, ID: ST180129M1-7 PFC CS4 18A1910, Description: PFC CS4 18A1910

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180129M1-7 PFC CS4 18A1910	1.25e4	94.0	NO
2	2 13C5-PFHxA	ST180129M1-7 PFC CS4 18A1910	1.52e4	99.2	NO
3	3 13C3-PFHxS	ST180129M1-7 PFC CS4 18A1910	3.21e3	89.7	NO
4	4 13C8-PFOA	ST180129M1-7 PFC CS4 18A1910	1.47e4	90.6	NO
5	5 13C9-PFNA	ST180129M1-7 PFC CS4 18A1910	1.35e4	94.1	NO
6	6 13C4-PFOS	ST180129M1-7 PFC CS4 18A1910	3.73e3	118.7	NO
7	7 13C6-PFDA	ST180129M1-7 PFC CS4 18A1910	1.33e4	117.3	NO
8	8 13C7-PFUDa	ST180129M1-7 PFC CS4 18A1910	1.58e4	91.9	NO

Name: 180129M1_9, Date: 29-Jan-2018, Time: 11:47:59, ID: ST180129M1-8 PFC CS5 18A1911, Description: PFC CS5 18A1911

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180129M1-8 PFC CS5 18A1911	1.25e4	93.7	NO
2	2 13C5-PFHxA	ST180129M1-8 PFC CS5 18A1911	1.46e4	95.5	NO
3	3 13C3-PFHxS	ST180129M1-8 PFC CS5 18A1911	3.47e3	97.1	NO
4	4 13C8-PFOA	ST180129M1-8 PFC CS5 18A1911	1.56e4	96.2	NO
5	5 13C9-PFNA	ST180129M1-8 PFC CS5 18A1911	1.43e4	99.4	NO
6	6 13C4-PFOS	ST180129M1-8 PFC CS5 18A1911	3.23e3	102.9	NO
7	7 13C6-PFDA	ST180129M1-8 PFC CS5 18A1911	1.37e4	120.3	NO
8	8 13C7-PFUDa	ST180129M1-8 PFC CS5 18A1911	1.74e4	100.9	NO

Name: 180129M1_10, Date: 29-Jan-2018, Time: 11:59:26, ID: ST180129M1-9 PFC CS6 18A2403, Description: PFC CS6 18A2403

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180129M1-9 PFC CS6 18A2403	1.01e4	76.1	NO
2	2 13C5-PFHxA	ST180129M1-9 PFC CS6 18A2403	1.16e4	76.2	NO
3	3 13C3-PFHxS	ST180129M1-9 PFC CS6 18A2403	2.74e3	76.7	NO
4	4 13C8-PFOA	ST180129M1-9 PFC CS6 18A2403	9.61e3	59.2	NO
5	5 13C9-PFNA	ST180129M1-9 PFC CS6 18A2403	1.09e4	75.6	NO
6	6 13C4-PFOS	ST180129M1-9 PFC CS6 18A2403	2.58e3	82.2	NO
7	7 13C6-PFDA	ST180129M1-9 PFC CS6 18A2403	9.17e3	80.7	NO
8	8 13C7-PFUDa	ST180129M1-9 PFC CS6 18A2403	1.24e4	72.2	NO

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-IIS.qld

Last Altered: Tuesday, January 30, 2018 09:14:25 Pacific Standard Time

Printed: Tuesday, January 30, 2018 09:15:52 Pacific Standard Time

Name: 180129M1_11, Date: 29-Jan-2018, Time: 12:10:56, ID: ST180129M1-10 PFC CS7 18A2404, Description: PFC CS7 18A2404

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180129M1-10 PFC CS7 18A2404	8.26e3	62.0	NO
2	2 13C5-PFHxA	ST180129M1-10 PFC CS7 18A2404	1.08e4	70.9	NO
3	3 13C3-PFHxS	ST180129M1-10 PFC CS7 18A2404	2.66e3	74.4	NO
4	4 13C8-PFOA	ST180129M1-10 PFC CS7 18A2404	1.10e4	67.7	NO
5	5 13C9-PFNA	ST180129M1-10 PFC CS7 18A2404	1.13e4	78.6	NO
6	6 13C4-PFOS	ST180129M1-10 PFC CS7 18A2404	2.64e3	84.0	NO
7	7 13C6-PFDA	ST180129M1-10 PFC CS7 18A2404	9.52e3	83.8	NO
8	8 13C7-PFUdA	ST180129M1-10 PFC CS7 18A2404	1.06e4	61.5	NO

Name: 180129M1_12, Date: 29-Jan-2018, Time: 12:22:23, 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: 180129M1_13, Date: 29-Jan-2018, Time: 12:33:53, ID: ICV180129M1-1 PFC ICV 18A1903, Description: PFC ICV 18A1903

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ICV180129M1-1 PFC ICV 18A1903	1.23e4	92.6	NO
2	2 13C5-PFHxA	ICV180129M1-1 PFC ICV 18A1903	1.32e4	86.7	NO
3	3 13C3-PFHxS	ICV180129M1-1 PFC ICV 18A1903	3.88e3	108.6	NO
4	4 13C8-PFOA	ICV180129M1-1 PFC ICV 18A1903	1.29e4	79.2	NO
5	5 13C9-PFNA	ICV180129M1-1 PFC ICV 18A1903	1.43e4	99.6	NO
6	6 13C4-PFOS	ICV180129M1-1 PFC ICV 18A1903	2.95e3	93.8	NO
7	7 13C6-PFDA	ICV180129M1-1 PFC ICV 18A1903	1.36e4	119.5	NO
8	8 13C7-PFUdA	ICV180129M1-1 PFC ICV 18A1903	1.60e4	93.2	NO

Name: 180129M1_14, Date: 29-Jan-2018, Time: 12:45:23, 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

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Name: 180129M1_15, Date: 29-Jan-2018, Time: 12:56:54, ID: B8A0103-BS1 OPR 0.25, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0103-BS1 OPR 0.25	7.82e3	58.7	NO
2	2 13C5-PFHxA	B8A0103-BS1 OPR 0.25	9.91e3	64.8	NO
3	3 13C3-PFHxS	B8A0103-BS1 OPR 0.25	2.53e3	70.9	NO
4	4 13C8-PFOA	B8A0103-BS1 OPR 0.25	9.03e3	55.6	NO
5	5 13C9-PFNA	B8A0103-BS1 OPR 0.25	9.09e3	63.3	NO
6	6 13C4-PFOS	B8A0103-BS1 OPR 0.25	2.50e3	79.6	NO
7	7 13C6-PFDA	B8A0103-BS1 OPR 0.25	9.62e3	84.7	NO
8	8 13C7-PFUDa	B8A0103-BS1 OPR 0.25	1.09e4	63.3	NO

Name: 180129M1_16, Date: 29-Jan-2018, Time: 13:08:19, 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: 180129M1_17, Date: 29-Jan-2018, Time: 13:19:46, ID: B8A0103-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0103-BLK1 Method Blank 0.25	6.28e3	47.1	YES
2	2 13C5-PFHxA	B8A0103-BLK1 Method Blank 0.25	8.73e3	57.1	NO
3	3 13C3-PFHxS	B8A0103-BLK1 Method Blank 0.25	1.83e3	51.2	NO
4	4 13C8-PFOA	B8A0103-BLK1 Method Blank 0.25	8.86e3	54.6	NO
5	5 13C9-PFNA	B8A0103-BLK1 Method Blank 0.25	6.97e3	48.5	YES
6	6 13C4-PFOS	B8A0103-BLK1 Method Blank 0.25	2.32e3	73.9	NO
7	7 13C6-PFDA	B8A0103-BLK1 Method Blank 0.25	6.87e3	60.4	NO
8	8 13C7-PFUDa	B8A0103-BLK1 Method Blank 0.25	8.06e3	46.8	YES

Name: 180129M1_18, Date: 29-Jan-2018, Time: 13:31:15, ID: 1800092-01 WT1801101415AB 0.25828, Description: WT1801101415AB

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-01 WT1801101415AB 0.25828	7.07e3	53.0	NO
2	2 13C5-PFHxA	1800092-01 WT1801101415AB 0.25828	8.43e3	55.2	NO
3	3 13C3-PFHxS	1800092-01 WT1801101415AB 0.25828	2.03e3	56.8	NO
4	4 13C8-PFOA	1800092-01 WT1801101415AB 0.25828	9.28e3	57.2	NO
5	5 13C9-PFNA	1800092-01 WT1801101415AB 0.25828	6.46e3	44.9	YES
6	6 13C4-PFOS	1800092-01 WT1801101415AB 0.25828	2.37e3	75.4	NO
7	7 13C6-PFDA	1800092-01 WT1801101415AB 0.25828	4.91e3	43.2	YES
8	8 13C7-PFUDa	1800092-01 WT1801101415AB 0.25828	8.43e3	49.0	YES

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Name: 180129M1_19, Date: 29-Jan-2018, Time: 13:42:44, ID: 1800092-02 WT1801101430AB 0.25737, Description: WT1801101430AB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-02 WT1801101430AB 0.25737	7.62e3	57.2	NO
2	2 13C5-PFHxA	1800092-02 WT1801101430AB 0.25737	8.87e3	58.1	NO
3	3 13C3-PFHxS	1800092-02 WT1801101430AB 0.25737	2.37e3	66.4	NO
4	4 13C8-PFOA	1800092-02 WT1801101430AB 0.25737	1.10e4	67.5	NO
5	5 13C9-PFNA	1800092-02 WT1801101430AB 0.25737	8.24e3	57.4	NO
6	6 13C4-PFOS	1800092-02 WT1801101430AB 0.25737	2.10e3	66.9	NO
7	7 13C6-PFDA	1800092-02 WT1801101430AB 0.25737	6.36e3	56.0	NO
8	8 13C7-PFUDa	1800092-02 WT1801101430AB 0.25737	8.71e3	50.6	NO

Name: 180129M1_20, Date: 29-Jan-2018, Time: 13:54:15, ID: 1800092-03 WR1801101500AB 0.256, Description: WR1801101500AB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-03 WR1801101500AB 0.256	7.30e3	54.7	NO
2	2 13C5-PFHxA	1800092-03 WR1801101500AB 0.256	8.26e3	54.0	NO
3	3 13C3-PFHxS	1800092-03 WR1801101500AB 0.256	2.27e3	63.4	NO
4	4 13C8-PFOA	1800092-03 WR1801101500AB 0.256	9.24e3	56.9	NO
5	5 13C9-PFNA	1800092-03 WR1801101500AB 0.256	9.79e3	68.2	NO
6	6 13C4-PFOS	1800092-03 WR1801101500AB 0.256	2.16e3	68.7	NO
7	7 13C6-PFDA	1800092-03 WR1801101500AB 0.256	6.39e3	56.3	NO
8	8 13C7-PFUDa	1800092-03 WR1801101500AB 0.256	9.39e3	54.5	NO

Name: 180129M1_21, Date: 29-Jan-2018, Time: 14:05:41, ID: 1800092-04 WT1801101440AB 0.25087, Description: WT1801101440AB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-04 WT1801101440AB 0.25087	7.09e3	53.2	NO
2	2 13C5-PFHxA	1800092-04 WT1801101440AB 0.25087	8.68e3	56.8	NO
3	3 13C3-PFHxS	1800092-04 WT1801101440AB 0.25087	2.14e3	59.9	NO
4	4 13C8-PFOA	1800092-04 WT1801101440AB 0.25087	8.60e3	53.0	NO
5	5 13C9-PFNA	1800092-04 WT1801101440AB 0.25087	8.71e3	60.6	NO
6	6 13C4-PFOS	1800092-04 WT1801101440AB 0.25087	2.24e3	71.3	NO
7	7 13C6-PFDA	1800092-04 WT1801101440AB 0.25087	6.95e3	61.2	NO
8	8 13C7-PFUDa	1800092-04 WT1801101440AB 0.25087	9.63e3	55.9	NO

Name: 180129M1_22, Date: 29-Jan-2018, Time: 14:17:11, ID: 1800092-05 WR1801101525AB 0.25614, Description: WR1801101525AB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-05 WR1801101525AB 0.25614	6.89e3	51.7	NO
2	2 13C5-PFHxA	1800092-05 WR1801101525AB 0.25614	8.51e3	55.7	NO
3	3 13C3-PFHxS	1800092-05 WR1801101525AB 0.25614	2.29e3	64.1	NO
4	4 13C8-PFOA	1800092-05 WR1801101525AB 0.25614	7.49e3	46.1	YES
5	5 13C9-PFNA	1800092-05 WR1801101525AB 0.25614	7.56e3	52.6	NO
6	6 13C4-PFOS	1800092-05 WR1801101525AB 0.25614	2.36e3	75.0	NO
7	7 13C6-PFDA	1800092-05 WR1801101525AB 0.25614	6.36e3	55.9	NO
8	8 13C7-PFUDa	1800092-05 WR1801101525AB 0.25614	6.64e3	38.6	YES

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Name: 180129M1_23, Date: 29-Jan-2018, Time: 14:28:41, ID: 1800092-06 WT1801101545AB 0.25622, Description: WT1801101545AB

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-06 WT1801101545AB 0.25622	6.98e3	52.4	NO
2	2 13C5-PFHxA	1800092-06 WT1801101545AB 0.25622	8.49e3	55.6	NO
3	3 13C3-PFHxS	1800092-06 WT1801101545AB 0.25622	2.36e3	65.9	NO
4	4 13C8-PFOA	1800092-06 WT1801101545AB 0.25622	8.19e3	50.4	NO
5	5 13C9-PFNA	1800092-06 WT1801101545AB 0.25622	7.59e3	52.9	NO
6	6 13C4-PFOS	1800092-06 WT1801101545AB 0.25622	2.42e3	77.0	NO
7	7 13C6-PFDA	1800092-06 WT1801101545AB 0.25622	6.88e3	60.6	NO
8	8 13C7-PFUDa	1800092-06 WT1801101545AB 0.25622	7.48e3	43.4	YES

Name: 180129M1_24, Date: 29-Jan-2018, Time: 14:40:11, ID: 1800092-07 WT1801101605AB 0.2499, Description: WT1801101605AB

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-07 WT1801101605AB 0.2499	6.73e3	50.5	NO
2	2 13C5-PFHxA	1800092-07 WT1801101605AB 0.2499	7.82e3	51.2	NO
3	3 13C3-PFHxS	1800092-07 WT1801101605AB 0.2499	2.03e3	56.9	NO
4	4 13C8-PFOA	1800092-07 WT1801101605AB 0.2499	7.95e3	48.9	YES
5	5 13C9-PFNA	1800092-07 WT1801101605AB 0.2499	8.56e3	59.6	NO
6	6 13C4-PFOS	1800092-07 WT1801101605AB 0.2499	2.07e3	65.9	NO
7	7 13C6-PFDA	1800092-07 WT1801101605AB 0.2499	6.36e3	56.0	NO
8	8 13C7-PFUDa	1800092-07 WT1801101605AB 0.2499	8.54e3	49.6	YES

Name: 180129M1_25, Date: 29-Jan-2018, Time: 14:51:41, ID: 1800092-08 WT1801101620AB 0.25498, Description: WT1801101620AB

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-08 WT1801101620AB 0.25498	6.87e3	51.5	NO
2	2 13C5-PFHxA	1800092-08 WT1801101620AB 0.25498	8.39e3	54.9	NO
3	3 13C3-PFHxS	1800092-08 WT1801101620AB 0.25498	2.39e3	66.8	NO
4	4 13C8-PFOA	1800092-08 WT1801101620AB 0.25498	8.61e3	53.0	NO
5	5 13C9-PFNA	1800092-08 WT1801101620AB 0.25498	8.62e3	60.0	NO
6	6 13C4-PFOS	1800092-08 WT1801101620AB 0.25498	2.65e3	84.5	NO
7	7 13C6-PFDA	1800092-08 WT1801101620AB 0.25498	8.70e3	76.5	NO
8	8 13C7-PFUDa	1800092-08 WT1801101620AB 0.25498	9.59e3	55.7	NO

Name: 180129M1_26, Date: 29-Jan-2018, Time: 15:03:11, ID: 1800092-09 WT1801101635AB 0.25384, Description: WT1801101635AB

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-09 WT1801101635AB 0.25384	7.90e3	59.3	NO
2	2 13C5-PFHxA	1800092-09 WT1801101635AB 0.25384	9.25e3	60.5	NO
3	3 13C3-PFHxS	1800092-09 WT1801101635AB 0.25384	2.58e3	72.2	NO
4	4 13C8-PFOA	1800092-09 WT1801101635AB 0.25384	9.14e3	56.3	NO
5	5 13C9-PFNA	1800092-09 WT1801101635AB 0.25384	1.06e4	73.9	NO
6	6 13C4-PFOS	1800092-09 WT1801101635AB 0.25384	1.82e3	57.8	NO
7	7 13C6-PFDA	1800092-09 WT1801101635AB 0.25384	8.10e3	71.3	NO
8	8 13C7-PFUDa	1800092-09 WT1801101635AB 0.25384	1.06e4	61.4	NO

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Name: 180129M1_27, Date: 29-Jan-2018, Time: 15:14:40, ID: 1800092-10 WT1801110810AB 0.25852, Description: WT1801110810AB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-10 WT1801110810AB 0.25852	7.12e3	53.4	NO
2	2 13C5-PFHxA	1800092-10 WT1801110810AB 0.25852	8.30e3	54.3	NO
3	3 13C3-PFHxS	1800092-10 WT1801110810AB 0.25852	2.35e3	65.8	NO
4	4 13C8-PFOA	1800092-10 WT1801110810AB 0.25852	7.54e3	46.4	YES
5	5 13C9-PFNA	1800092-10 WT1801110810AB 0.25852	7.53e3	52.4	NO
6	6 13C4-PFOS	1800092-10 WT1801110810AB 0.25852	2.05e3	65.2	NO
7	7 13C6-PFDA	1800092-10 WT1801110810AB 0.25852	5.90e3	51.9	NO
8	8 13C7-PFUdA	1800092-10 WT1801110810AB 0.25852	8.26e3	48.0	YES

Name: 180129M1_28, Date: 29-Jan-2018, Time: 15:26:09, 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: 180129M1_29, Date: 29-Jan-2018, Time: 15:37:39, ID: ST180129M1-11 PFC CS3 18A1909, Description: PFC CS3 18A1909

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180129M1-11 PFC CS3 18A1909	1.44e4	108.2	NO
2	2 13C5-PFHxA	ST180129M1-11 PFC CS3 18A1909	1.51e4	98.6	NO
3	3 13C3-PFHxS	ST180129M1-11 PFC CS3 18A1909	3.89e3	108.9	NO
4	4 13C8-PFOA	ST180129M1-11 PFC CS3 18A1909	1.57e4	96.8	NO
5	5 13C9-PFNA	ST180129M1-11 PFC CS3 18A1909	1.60e4	111.7	NO
6	6 13C4-PFOS	ST180129M1-11 PFC CS3 18A1909	3.61e3	114.9	NO
7	7 13C6-PFDA	ST180129M1-11 PFC CS3 18A1909	1.10e4	97.0	NO
8	8 13C7-PFUdA	ST180129M1-11 PFC CS3 18A1909	1.50e4	87.2	NO

Name: 180129M1_30, Date: 29-Jan-2018, Time: 15:49:08, 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	6.11e0	0.2	YES
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: 180129M1_31, Date: 29-Jan-2018, Time: 16:00:38, ID: 1800092-11 WT1801110820AB 0.25871, Description: WT1801110820AB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-11 WT1801110820AB 0.25871	6.84e3	51.3	NO
2	2 13C5-PFHxA	1800092-11 WT1801110820AB 0.25871	8.33e3	54.5	NO
3	3 13C3-PFHxS	1800092-11 WT1801110820AB 0.25871	2.23e3	62.3	NO
4	4 13C8-PFOA	1800092-11 WT1801110820AB 0.25871	9.25e3	57.0	NO
5	5 13C9-PFNA	1800092-11 WT1801110820AB 0.25871	8.74e3	60.8	NO
6	6 13C4-PFOS	1800092-11 WT1801110820AB 0.25871	2.09e3	66.6	NO
7	7 13C6-PFDA	1800092-11 WT1801110820AB 0.25871	8.08e3	71.1	NO
8	8 13C7-PFUDa	1800092-11 WT1801110820AB 0.25871	7.63e3	44.3	YES

Name: 180129M1_32, Date: 29-Jan-2018, Time: 16:12:08, ID: 1800092-12 WT1801110830AB 0.25794, Description: WT1801110830AB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-12 WT1801110830AB 0.25794	7.01e3	52.6	NO
2	2 13C5-PFHxA	1800092-12 WT1801110830AB 0.25794	8.56e3	56.1	NO
3	3 13C3-PFHxS	1800092-12 WT1801110830AB 0.25794	2.28e3	63.8	NO
4	4 13C8-PFOA	1800092-12 WT1801110830AB 0.25794	8.23e3	50.7	NO
5	5 13C9-PFNA	1800092-12 WT1801110830AB 0.25794	8.56e3	59.5	NO
6	6 13C4-PFOS	1800092-12 WT1801110830AB 0.25794	2.01e3	64.0	NO
7	7 13C6-PFDA	1800092-12 WT1801110830AB 0.25794	6.44e3	56.7	NO
8	8 13C7-PFUDa	1800092-12 WT1801110830AB 0.25794	1.08e4	62.9	NO

Name: 180129M1_33, Date: 29-Jan-2018, Time: 16:23:36, ID: 1800092-13 WR1801110905AB 0.24937, Description: WR1801110905AB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-13 WR1801110905AB 0.24937	7.54e3	56.6	NO
2	2 13C5-PFHxA	1800092-13 WR1801110905AB 0.24937	9.40e3	61.5	NO
3	3 13C3-PFHxS	1800092-13 WR1801110905AB 0.24937	2.29e3	64.1	NO
4	4 13C8-PFOA	1800092-13 WR1801110905AB 0.24937	9.40e3	57.9	NO
5	5 13C9-PFNA	1800092-13 WR1801110905AB 0.24937	9.61e3	66.9	NO
6	6 13C4-PFOS	1800092-13 WR1801110905AB 0.24937	2.35e3	75.0	NO
7	7 13C6-PFDA	1800092-13 WR1801110905AB 0.24937	6.18e3	54.4	NO
8	8 13C7-PFUDa	1800092-13 WR1801110905AB 0.24937	8.50e3	49.4	YES

Name: 180129M1_34, Date: 29-Jan-2018, Time: 16:35:05, ID: 1800092-14 WT1801110925AB 0.2499, Description: WT1801110925AB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-14 WT1801110925AB 0.2499	7.44e3	55.8	NO
2	2 13C5-PFHxA	1800092-14 WT1801110925AB 0.2499	8.18e3	53.5	NO
3	3 13C3-PFHxS	1800092-14 WT1801110925AB 0.2499	2.41e3	67.4	NO
4	4 13C8-PFOA	1800092-14 WT1801110925AB 0.2499	8.94e3	55.1	NO
5	5 13C9-PFNA	1800092-14 WT1801110925AB 0.2499	9.23e3	64.3	NO
6	6 13C4-PFOS	1800092-14 WT1801110925AB 0.2499	2.41e3	76.9	NO
7	7 13C6-PFDA	1800092-14 WT1801110925AB 0.2499	7.08e3	62.3	NO
8	8 13C7-PFUDa	1800092-14 WT1801110925AB 0.2499	8.64e3	50.1	NO

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Name: 180129M1_35, Date: 29-Jan-2018, Time: 16:46:34, ID: 1800092-15 WT1801110930AB 0.24861, Description: WT1801110930AB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-15 WT1801110930AB 0.24861	7.56e3	56.7	NO
2	2 13C5-PFHxA	1800092-15 WT1801110930AB 0.24861	9.15e3	59.9	NO
3	3 13C3-PFHxS	1800092-15 WT1801110930AB 0.24861	2.40e3	67.1	NO
4	4 13C8-PFOA	1800092-15 WT1801110930AB 0.24861	9.34e3	57.5	NO
5	5 13C9-PFNA	1800092-15 WT1801110930AB 0.24861	8.41e3	58.5	NO
6	6 13C4-PFOS	1800092-15 WT1801110930AB 0.24861	2.38e3	75.9	NO
7	7 13C6-PFDA	1800092-15 WT1801110930AB 0.24861	9.27e3	81.5	NO
8	8 13C7-PFUDa	1800092-15 WT1801110930AB 0.24861	7.67e3	44.5	YES

Name: 180129M1_36, Date: 29-Jan-2018, Time: 16:58:04, ID: 1800092-16 FB1801110935AB 0.24833, Description: FB1801110935AB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-16 FB1801110935AB 0.24833	7.18e3	53.9	NO
2	2 13C5-PFHxA	1800092-16 FB1801110935AB 0.24833	9.18e3	60.1	NO
3	3 13C3-PFHxS	1800092-16 FB1801110935AB 0.24833	2.30e3	64.4	NO
4	4 13C8-PFOA	1800092-16 FB1801110935AB 0.24833	7.11e3	43.8	YES
5	5 13C9-PFNA	1800092-16 FB1801110935AB 0.24833	7.91e3	55.0	NO
6	6 13C4-PFOS	1800092-16 FB1801110935AB 0.24833	2.00e3	63.6	NO
7	7 13C6-PFDA	1800092-16 FB1801110935AB 0.24833	8.98e3	79.0	NO
8	8 13C7-PFUDa	1800092-16 FB1801110935AB 0.24833	9.94e3	57.7	NO

Name: 180129M1_37, Date: 29-Jan-2018, Time: 17:09:32, ID: 1800092-17 WR1801110955AB 0.25343, Description: WR1801110955AB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-17 WR1801110955AB 0.25343	7.09e3	53.2	NO
2	2 13C5-PFHxA	1800092-17 WR1801110955AB 0.25343	9.13e3	59.8	NO
3	3 13C3-PFHxS	1800092-17 WR1801110955AB 0.25343	2.14e3	59.7	NO
4	4 13C8-PFOA	1800092-17 WR1801110955AB 0.25343	7.58e3	46.7	YES
5	5 13C9-PFNA	1800092-17 WR1801110955AB 0.25343	7.55e3	52.5	NO
6	6 13C4-PFOS	1800092-17 WR1801110955AB 0.25343	2.45e3	78.0	NO
7	7 13C6-PFDA	1800092-17 WR1801110955AB 0.25343	7.47e3	65.7	NO
8	8 13C7-PFUDa	1800092-17 WR1801110955AB 0.25343	8.62e3	50.1	NO

Name: 180129M1_38, Date: 29-Jan-2018, Time: 17:21:01, ID: 1800092-18 WT1801111030AB 0.25343, Description: WT1801111030AB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-18 WT1801111030AB 0.25343	7.14e3	53.6	NO
2	2 13C5-PFHxA	1800092-18 WT1801111030AB 0.25343	7.45e3	48.8	YES
3	3 13C3-PFHxS	1800092-18 WT1801111030AB 0.25343	2.53e3	70.8	NO
4	4 13C8-PFOA	1800092-18 WT1801111030AB 0.25343	9.07e3	55.8	NO
5	5 13C9-PFNA	1800092-18 WT1801111030AB 0.25343	8.07e3	56.2	NO
6	6 13C4-PFOS	1800092-18 WT1801111030AB 0.25343	2.36e3	75.2	NO
7	7 13C6-PFDA	1800092-18 WT1801111030AB 0.25343	7.53e3	66.3	NO
8	8 13C7-PFUDa	1800092-18 WT1801111030AB 0.25343	7.78e3	45.1	YES

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Name: 180129M1_39, Date: 29-Jan-2018, Time: 17:32:30, ID: 1800092-19 WT1801111055AB 0.25311, Description: WT1801111055AB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-19 WT1801111055AB 0.25311	6.98e3	52.3	NO
2	2 13C5-PFHxA	1800092-19 WT1801111055AB 0.25311	7.91e3	51.8	NO
3	3 13C3-PFHxS	1800092-19 WT1801111055AB 0.25311	1.98e3	55.5	NO
4	4 13C8-PFOA	1800092-19 WT1801111055AB 0.25311	7.24e3	44.6	YES
5	5 13C9-PFNA	1800092-19 WT1801111055AB 0.25311	7.87e3	54.7	NO
6	6 13C4-PFOS	1800092-19 WT1801111055AB 0.25311	2.01e3	64.0	NO
7	7 13C6-PFDA	1800092-19 WT1801111055AB 0.25311	6.33e3	55.7	NO
8	8 13C7-PFUDa	1800092-19 WT1801111055AB 0.25311	7.48e3	43.4	YES

Name: 180129M1_40, Date: 29-Jan-2018, Time: 17:44:00, ID: 1800092-20 WR1801111105AB 0.25268, Description: WR1801111105AB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800092-20 WR1801111105AB 0.25268	6.92e3	51.9	NO
2	2 13C5-PFHxA	1800092-20 WR1801111105AB 0.25268	8.33e3	54.5	NO
3	3 13C3-PFHxS	1800092-20 WR1801111105AB 0.25268	2.50e3	70.0	NO
4	4 13C8-PFOA	1800092-20 WR1801111105AB 0.25268	8.97e3	55.3	NO
5	5 13C9-PFNA	1800092-20 WR1801111105AB 0.25268	8.68e3	60.4	NO
6	6 13C4-PFOS	1800092-20 WR1801111105AB 0.25268	2.33e3	74.1	NO
7	7 13C6-PFDA	1800092-20 WR1801111105AB 0.25268	7.56e3	66.5	NO
8	8 13C7-PFUDa	1800092-20 WR1801111105AB 0.25268	9.72e3	56.4	NO

Name: 180129M1_41, Date: 29-Jan-2018, Time: 17:55:29, 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			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 180129M1_42, Date: 29-Jan-2018, Time: 18:07:00, ID: ST180129M1-12 PFC CS3 18A1909, Description: PFC CS3 18A1909

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180129M1-12 PFC CS3 18A1909	1.46e4	109.3	NO
2	2 13C5-PFHxA	ST180129M1-12 PFC CS3 18A1909	1.78e4	116.6	NO
3	3 13C3-PFHxS	ST180129M1-12 PFC CS3 18A1909	4.35e3	121.8	NO
4	4 13C8-PFOA	ST180129M1-12 PFC CS3 18A1909	1.69e4	104.1	NO
5	5 13C9-PFNA	ST180129M1-12 PFC CS3 18A1909	1.84e4	127.9	NO
6	6 13C4-PFOS	ST180129M1-12 PFC CS3 18A1909	4.18e3	133.0	NO
7	7 13C6-PFDA	ST180129M1-12 PFC CS3 18A1909	1.20e4	105.6	NO
8	8 13C7-PFUDa	ST180129M1-12 PFC CS3 18A1909	1.42e4	82.7	NO

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Name: 180129M1_43, Date: 29-Jan-2018, Time: 18:18:29, 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			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 180129M1_44, Date: 29-Jan-2018, Time: 18:30:02, ID: B8A0163-BS1 OPR 0.25, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0163-BS1 OPR 0.25	8.38e3	62.9	NO
2	2 13C5-PFHxA	B8A0163-BS1 OPR 0.25	9.48e3	62.1	NO
3	3 13C3-PFHxS	B8A0163-BS1 OPR 0.25	2.87e3	80.4	NO
4	4 13C8-PFOA	B8A0163-BS1 OPR 0.25	1.12e4	69.0	NO
5	5 13C9-PFNA	B8A0163-BS1 OPR 0.25	9.35e3	65.0	NO
6	6 13C4-PFOS	B8A0163-BS1 OPR 0.25	2.12e3	67.5	NO
7	7 13C6-PFDA	B8A0163-BS1 OPR 0.25	8.40e3	73.9	NO
8	8 13C7-PFUdA	B8A0163-BS1 OPR 0.25	1.11e4	64.7	NO

Name: 180129M1_45, Date: 29-Jan-2018, Time: 18:41:26, ID: B8A0163-BLK1 Method Blank 0.25, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0163-BLK1 Method Blank 0.25	7.43e3	55.7	NO
2	2 13C5-PFHxA	B8A0163-BLK1 Method Blank 0.25	9.52e3	62.3	NO
3	3 13C3-PFHxS	B8A0163-BLK1 Method Blank 0.25	2.31e3	64.6	NO
4	4 13C8-PFOA	B8A0163-BLK1 Method Blank 0.25	9.84e3	60.6	NO
5	5 13C9-PFNA	B8A0163-BLK1 Method Blank 0.25	8.47e3	59.0	NO
6	6 13C4-PFOS	B8A0163-BLK1 Method Blank 0.25	2.74e3	87.2	NO
7	7 13C6-PFDA	B8A0163-BLK1 Method Blank 0.25	7.14e3	62.8	NO
8	8 13C7-PFUdA	B8A0163-BLK1 Method Blank 0.25	9.98e3	57.9	NO

Name: 180129M1_46, Date: 29-Jan-2018, Time: 18:52:53, ID: B8A0163-MS1 Matrix Spike 0.11727, Description: Matrix Spike

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0163-MS1 Matrix Spike 0.11727	8.36e3	62.7	NO
2	2 13C5-PFHxA	B8A0163-MS1 Matrix Spike 0.11727	9.73e3	63.7	NO
3	3 13C3-PFHxS	B8A0163-MS1 Matrix Spike 0.11727	2.66e3	74.4	NO
4	4 13C8-PFOA	B8A0163-MS1 Matrix Spike 0.11727	8.30e3	51.1	NO
5	5 13C9-PFNA	B8A0163-MS1 Matrix Spike 0.11727	1.01e4	70.2	NO
6	6 13C4-PFOS	B8A0163-MS1 Matrix Spike 0.11727	2.57e3	81.8	NO
7	7 13C6-PFDA	B8A0163-MS1 Matrix Spike 0.11727	8.00e3	70.4	NO
8	8 13C7-PFUdA	B8A0163-MS1 Matrix Spike 0.11727	9.30e3	54.0	NO

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Name: 180129M1_47, Date: 29-Jan-2018, Time: 19:04:22, ID: B8A0163-MSD1 Matrix Spike Dup 0.11919, Description: Matrix Spike Dup

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0163-MSD1 Matrix Spike Dup 0.119...	8.20e3	61.5	NO
2	2 13C5-PFHxA	B8A0163-MSD1 Matrix Spike Dup 0.119...	9.68e3	63.3	NO
3	3 13C3-PFHxS	B8A0163-MSD1 Matrix Spike Dup 0.119...	2.62e3	73.3	NO
4	4 13C8-PFOA	B8A0163-MSD1 Matrix Spike Dup 0.119...	9.21e3	56.7	NO
5	5 13C9-PFNA	B8A0163-MSD1 Matrix Spike Dup 0.119...	9.98e3	69.4	NO
6	6 13C4-PFOS	B8A0163-MSD1 Matrix Spike Dup 0.119...	2.02e3	64.3	NO
7	7 13C6-PFDA	B8A0163-MSD1 Matrix Spike Dup 0.119...	7.85e3	69.1	NO
8	8 13C7-PFUDa	B8A0163-MSD1 Matrix Spike Dup 0.119...	9.10e3	52.8	NO

Name: 180129M1_48, Date: 29-Jan-2018, Time: 19:15:52, ID: 1800153-11RE1 FT-FRB02-20180117 0.22638, Description: FT-FRB02-20180117

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800153-11RE1 FT-FRB02-20180117 0...	6.70e3	50.3	NO
2	2 13C5-PFHxA	1800153-11RE1 FT-FRB02-20180117 0...	8.11e3	53.1	NO
3	3 13C3-PFHxS	1800153-11RE1 FT-FRB02-20180117 0...	2.12e3	59.4	NO
4	4 13C8-PFOA	1800153-11RE1 FT-FRB02-20180117 0...	7.18e3	44.2	YES
5	5 13C9-PFNA	1800153-11RE1 FT-FRB02-20180117 0...	7.66e3	53.3	NO
6	6 13C4-PFOS	1800153-11RE1 FT-FRB02-20180117 0...	2.05e3	65.3	NO
7	7 13C6-PFDA	1800153-11RE1 FT-FRB02-20180117 0...	5.52e3	48.6	YES
8	8 13C7-PFUDa	1800153-11RE1 FT-FRB02-20180117 0...	9.50e3	55.2	NO

Name: 180129M1_49, Date: 29-Jan-2018, Time: 19:27:21, ID: 1800184-01 REEPDW129FRB 0.11583, Description: REEPDW129FRB

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800184-01 REEPDW129FRB 0.11583	8.06e3	60.5	NO
2	2 13C5-PFHxA	1800184-01 REEPDW129FRB 0.11583	9.08e3	59.4	NO
3	3 13C3-PFHxS	1800184-01 REEPDW129FRB 0.11583	2.14e3	60.0	NO
4	4 13C8-PFOA	1800184-01 REEPDW129FRB 0.11583	8.49e3	52.3	NO
5	5 13C9-PFNA	1800184-01 REEPDW129FRB 0.11583	1.05e4	72.8	NO
6	6 13C4-PFOS	1800184-01 REEPDW129FRB 0.11583	2.15e3	68.5	NO
7	7 13C6-PFDA	1800184-01 REEPDW129FRB 0.11583	6.68e3	58.8	NO
8	8 13C7-PFUDa	1800184-01 REEPDW129FRB 0.11583	7.70e3	44.7	YES

Name: 180129M1_50, Date: 29-Jan-2018, Time: 19:38:51, ID: 1800184-02 REEPDW130FRB 0.11966, Description: REEPDW130FRB

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800184-02 REEPDW130FRB 0.11966	8.54e3	64.0	NO
2	2 13C5-PFHxA	1800184-02 REEPDW130FRB 0.11966	1.19e4	77.8	NO
3	3 13C3-PFHxS	1800184-02 REEPDW130FRB 0.11966	2.36e3	66.1	NO
4	4 13C8-PFOA	1800184-02 REEPDW130FRB 0.11966	8.68e3	53.4	NO
5	5 13C9-PFNA	1800184-02 REEPDW130FRB 0.11966	9.98e3	69.5	NO
6	6 13C4-PFOS	1800184-02 REEPDW130FRB 0.11966	2.43e3	77.2	NO
7	7 13C6-PFDA	1800184-02 REEPDW130FRB 0.11966	6.28e3	55.2	NO
8	8 13C7-PFUDa	1800184-02 REEPDW130FRB 0.11966	1.17e4	67.7	NO

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Name: 180129M1_51, Date: 29-Jan-2018, Time: 19:50:20, ID: 1800184-03 REEPDW131FRB 0.11947, Description: REEPDW131FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800184-03 REEPDW131FRB 0.11947	7.93e3	59.5	NO
2	2 13C5-PFHxA	1800184-03 REEPDW131FRB 0.11947	1.06e4	69.3	NO
3	3 13C3-PFHxS	1800184-03 REEPDW131FRB 0.11947	2.43e3	68.0	NO
4	4 13C8-PFOA	1800184-03 REEPDW131FRB 0.11947	8.49e3	52.3	NO
5	5 13C9-PFNA	1800184-03 REEPDW131FRB 0.11947	8.01e3	55.8	NO
6	6 13C4-PFOS	1800184-03 REEPDW131FRB 0.11947	2.69e3	85.7	NO
7	7 13C6-PFDA	1800184-03 REEPDW131FRB 0.11947	8.49e3	74.7	NO
8	8 13C7-PFUDa	1800184-03 REEPDW131FRB 0.11947	8.66e3	50.3	NO

Name: 180129M1_52, Date: 29-Jan-2018, Time: 20:01:42, ID: 1800188-01 REEPDW132FRB 0.11996, Description: REEPDW132FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800188-01 REEPDW132FRB 0.11996	7.24e3	54.3	NO
2	2 13C5-PFHxA	1800188-01 REEPDW132FRB 0.11996	8.51e3	55.7	NO
3	3 13C3-PFHxS	1800188-01 REEPDW132FRB 0.11996	2.48e3	69.3	NO
4	4 13C8-PFOA	1800188-01 REEPDW132FRB 0.11996	8.09e3	49.8	YES
5	5 13C9-PFNA	1800188-01 REEPDW132FRB 0.11996	7.71e3	53.6	NO
6	6 13C4-PFOS	1800188-01 REEPDW132FRB 0.11996	2.47e3	78.7	NO
7	7 13C6-PFDA	1800188-01 REEPDW132FRB 0.11996	7.87e3	69.2	NO
8	8 13C7-PFUDa	1800188-01 REEPDW132FRB 0.11996	8.65e3	50.2	NO

Name: 180129M1_53, Date: 29-Jan-2018, Time: 20:13:09, ID: 1800188-02 REEPDW133FRB 0.11579, Description: REEPDW133FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800188-02 REEPDW133FRB 0.11579	7.82e3	58.6	NO
2	2 13C5-PFHxA	1800188-02 REEPDW133FRB 0.11579	9.20e3	60.2	NO
3	3 13C3-PFHxS	1800188-02 REEPDW133FRB 0.11579	2.25e3	62.9	NO
4	4 13C8-PFOA	1800188-02 REEPDW133FRB 0.11579	8.34e3	51.3	NO
5	5 13C9-PFNA	1800188-02 REEPDW133FRB 0.11579	9.69e3	67.5	NO
6	6 13C4-PFOS	1800188-02 REEPDW133FRB 0.11579	2.19e3	69.6	NO
7	7 13C6-PFDA	1800188-02 REEPDW133FRB 0.11579	8.92e3	78.5	NO
8	8 13C7-PFUDa	1800188-02 REEPDW133FRB 0.11579	7.85e3	45.6	YES

Name: 180129M1_54, Date: 29-Jan-2018, Time: 20:24:39, ID: 1800188-03 REEPDW134FRB 0.11795, Description: REEPDW134FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800188-03 REEPDW134FRB 0.11795	8.23e3	61.8	NO
2	2 13C5-PFHxA	1800188-03 REEPDW134FRB 0.11795	1.05e4	68.5	NO
3	3 13C3-PFHxS	1800188-03 REEPDW134FRB 0.11795	2.48e3	69.5	NO
4	4 13C8-PFOA	1800188-03 REEPDW134FRB 0.11795	8.98e3	55.3	NO
5	5 13C9-PFNA	1800188-03 REEPDW134FRB 0.11795	8.45e3	58.8	NO
6	6 13C4-PFOS	1800188-03 REEPDW134FRB 0.11795	2.18e3	69.3	NO
7	7 13C6-PFDA	1800188-03 REEPDW134FRB 0.11795	1.00e4	88.0	NO
8	8 13C7-PFUDa	1800188-03 REEPDW134FRB 0.11795	9.19e3	53.4	NO

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Name: 180129M1_55, Date: 29-Jan-2018, Time: 20:36:09, ID: 1800204-01 REEPDW135 0.12126, Description: REEPDW135

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800204-01 REEPDW135 0.12126	7.44e3	55.8	NO
2	2 13C5-PFHxA	1800204-01 REEPDW135 0.12126	9.34e3	61.1	NO
3	3 13C3-PFHxS	1800204-01 REEPDW135 0.12126	2.48e3	69.3	NO
4	4 13C8-PFOA	1800204-01 REEPDW135 0.12126	9.46e3	58.3	NO
5	5 13C9-PFNA	1800204-01 REEPDW135 0.12126	9.01e3	62.7	NO
6	6 13C4-PFOS	1800204-01 REEPDW135 0.12126	2.68e3	85.4	NO
7	7 13C6-PFDA	1800204-01 REEPDW135 0.12126	7.23e3	63.6	NO
8	8 13C7-PFUDa	1800204-01 REEPDW135 0.12126	9.24e3	53.6	NO

Name: 180129M1_56, Date: 29-Jan-2018, Time: 20:47:38, ID: 1800204-02 REEPDW136 0.1177, Description: REEPDW136

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800204-02 REEPDW136 0.1177	7.05e3	52.9	NO
2	2 13C5-PFHxA	1800204-02 REEPDW136 0.1177	8.29e3	54.2	NO
3	3 13C3-PFHxS	1800204-02 REEPDW136 0.1177	2.30e3	64.4	NO
4	4 13C8-PFOA	1800204-02 REEPDW136 0.1177	8.19e3	50.4	NO
5	5 13C9-PFNA	1800204-02 REEPDW136 0.1177	8.74e3	60.8	NO
6	6 13C4-PFOS	1800204-02 REEPDW136 0.1177	2.56e3	81.4	NO
7	7 13C6-PFDA	1800204-02 REEPDW136 0.1177	6.58e3	57.9	NO
8	8 13C7-PFUDa	1800204-02 REEPDW136 0.1177	8.90e3	51.7	NO

Name: 180129M1_57, Date: 29-Jan-2018, Time: 20:59:07, ID: 1800204-03 REEPDW137 0.11904, Description: REEPDW137

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800204-03 REEPDW137 0.11904	7.00e3	52.5	NO
2	2 13C5-PFHxA	1800204-03 REEPDW137 0.11904	9.36e3	61.3	NO
3	3 13C3-PFHxS	1800204-03 REEPDW137 0.11904	2.68e3	75.0	NO
4	4 13C8-PFOA	1800204-03 REEPDW137 0.11904	7.57e3	46.6	YES
5	5 13C9-PFNA	1800204-03 REEPDW137 0.11904	9.98e3	69.5	NO
6	6 13C4-PFOS	1800204-03 REEPDW137 0.11904	2.26e3	71.9	NO
7	7 13C6-PFDA	1800204-03 REEPDW137 0.11904	7.73e3	68.0	NO
8	8 13C7-PFUDa	1800204-03 REEPDW137 0.11904	7.84e3	45.5	YES

Name: 180129M1_58, Date: 29-Jan-2018, Time: 21:10:36, ID: 1800204-04 REEPDW138 0.11522, Description: REEPDW138

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800204-04 REEPDW138 0.11522	8.59e3	64.4	NO
2	2 13C5-PFHxA	1800204-04 REEPDW138 0.11522	1.02e4	66.5	NO
3	3 13C3-PFHxS	1800204-04 REEPDW138 0.11522	2.85e3	79.6	NO
4	4 13C8-PFOA	1800204-04 REEPDW138 0.11522	9.66e3	59.5	NO
5	5 13C9-PFNA	1800204-04 REEPDW138 0.11522	9.83e3	68.4	NO
6	6 13C4-PFOS	1800204-04 REEPDW138 0.11522	2.30e3	73.1	NO
7	7 13C6-PFDA	1800204-04 REEPDW138 0.11522	9.75e3	85.8	NO
8	8 13C7-PFUDa	1800204-04 REEPDW138 0.11522	1.06e4	61.7	NO

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Name: 180129M1_59, Date: 29-Jan-2018, Time: 21:22:06, ID: 1800204-05 REEPDW139 0.12116, Description: REEPDW139

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800204-05 REEPDW139 0.12116	7.53e3	56.5	NO
2	2 13C5-PFHxA	1800204-05 REEPDW139 0.12116	1.03e4	67.5	NO
3	3 13C3-PFHxS	1800204-05 REEPDW139 0.12116	2.80e3	78.3	NO
4	4 13C8-PFOA	1800204-05 REEPDW139 0.12116	1.02e4	62.6	NO
5	5 13C9-PFNA	1800204-05 REEPDW139 0.12116	1.14e4	79.2	NO
6	6 13C4-PFOS	1800204-05 REEPDW139 0.12116	2.40e3	76.5	NO
7	7 13C6-PFDA	1800204-05 REEPDW139 0.12116	1.11e4	97.2	NO
8	8 13C7-PFUDa	1800204-05 REEPDW139 0.12116	8.87e3	51.5	NO

Name: 180129M1_60, Date: 29-Jan-2018, Time: 21:33:35, ID: 1800204-06 REEPDW140 0.11819, Description: REEPDW140

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800204-06 REEPDW140 0.11819	7.71e3	57.9	NO
2	2 13C5-PFHxA	1800204-06 REEPDW140 0.11819	1.01e4	65.9	NO
3	3 13C3-PFHxS	1800204-06 REEPDW140 0.11819	2.20e3	61.7	NO
4	4 13C8-PFOA	1800204-06 REEPDW140 0.11819	1.02e4	62.8	NO
5	5 13C9-PFNA	1800204-06 REEPDW140 0.11819	8.53e3	59.4	NO
6	6 13C4-PFOS	1800204-06 REEPDW140 0.11819	2.29e3	72.8	NO
7	7 13C6-PFDA	1800204-06 REEPDW140 0.11819	6.13e3	54.0	NO
8	8 13C7-PFUDa	1800204-06 REEPDW140 0.11819	9.39e3	54.5	NO

Name: 180129M1_61, Date: 29-Jan-2018, Time: 21:45:05, ID: 1800204-07 REEPDW513 0.11719, Description: REEPDW513

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800204-07 REEPDW513 0.11719	8.15e3	61.1	NO
2	2 13C5-PFHxA	1800204-07 REEPDW513 0.11719	9.53e3	62.4	NO
3	3 13C3-PFHxS	1800204-07 REEPDW513 0.11719	2.59e3	72.3	NO
4	4 13C8-PFOA	1800204-07 REEPDW513 0.11719	7.90e3	48.7	YES
5	5 13C9-PFNA	1800204-07 REEPDW513 0.11719	8.00e3	55.7	NO
6	6 13C4-PFOS	1800204-07 REEPDW513 0.11719	2.52e3	80.2	NO
7	7 13C6-PFDA	1800204-07 REEPDW513 0.11719	9.86e3	86.8	NO
8	8 13C7-PFUDa	1800204-07 REEPDW513 0.11719	1.09e4	63.6	NO

Name: 180129M1_62, Date: 29-Jan-2018, Time: 21:56:35, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	5.19e0	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: 180129M1_63, Date: 29-Jan-2018, Time: 22:08:01, ID: ST180129M1-13 PFC CS0 18A1906, Description: PFC CS0 18A1906

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180129M1-13 PFC CS0 18A1906	1.49e4	111.5	NO
2	2 13C5-PFHxA	ST180129M1-13 PFC CS0 18A1906	1.77e4	115.9	NO
3	3 13C3-PFHxS	ST180129M1-13 PFC CS0 18A1906	4.47e3	125.1	NO
4	4 13C8-PFOA	ST180129M1-13 PFC CS0 18A1906	1.64e4	101.2	NO
5	5 13C9-PFNA	ST180129M1-13 PFC CS0 18A1906	1.57e4	109.1	NO
6	6 13C4-PFOS	ST180129M1-13 PFC CS0 18A1906	4.49e3	142.8	NO
7	7 13C6-PFDA	ST180129M1-13 PFC CS0 18A1906	1.23e4	108.2	NO
8	8 13C7-PFUDa	ST180129M1-13 PFC CS0 18A1906	2.13e4	123.8	NO

Name: 180129M1_64, Date: 29-Jan-2018, Time: 22:19:28, 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: 180129M1_65, Date: 29-Jan-2018, Time: 22:30:57, ID: 1800206-01 REEPDW135FRB 0.11858, Description: REEPDW135FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800206-01 REEPDW135FRB 0.11858	9.00e3	67.5	NO
2	2 13C5-PFHxA	1800206-01 REEPDW135FRB 0.11858	1.05e4	68.5	NO
3	3 13C3-PFHxS	1800206-01 REEPDW135FRB 0.11858	2.19e3	61.1	NO
4	4 13C8-PFOA	1800206-01 REEPDW135FRB 0.11858	1.04e4	64.0	NO
5	5 13C9-PFNA	1800206-01 REEPDW135FRB 0.11858	9.65e3	67.2	NO
6	6 13C4-PFOS	1800206-01 REEPDW135FRB 0.11858	2.75e3	87.4	NO
7	7 13C6-PFDA	1800206-01 REEPDW135FRB 0.11858	8.61e3	75.8	NO
8	8 13C7-PFUDa	1800206-01 REEPDW135FRB 0.11858	9.97e3	57.9	NO

Name: 180129M1_66, Date: 29-Jan-2018, Time: 22:42:22, ID: 1800206-02 REEPDW136FRB 0.1192, Description: REEPDW136FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800206-02 REEPDW136FRB 0.1192	6.74e3	50.6	NO
2	2 13C5-PFHxA	1800206-02 REEPDW136FRB 0.1192	8.71e3	57.0	NO
3	3 13C3-PFHxS	1800206-02 REEPDW136FRB 0.1192	2.56e3	71.6	NO
4	4 13C8-PFOA	1800206-02 REEPDW136FRB 0.1192	8.20e3	50.5	NO
5	5 13C9-PFNA	1800206-02 REEPDW136FRB 0.1192	8.68e3	60.4	NO
6	6 13C4-PFOS	1800206-02 REEPDW136FRB 0.1192	2.76e3	87.7	NO
7	7 13C6-PFDA	1800206-02 REEPDW136FRB 0.1192	8.76e3	77.1	NO
8	8 13C7-PFUDa	1800206-02 REEPDW136FRB 0.1192	9.12e3	52.9	NO

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Name: 180129M1_67, Date: 29-Jan-2018, Time: 22:53:49, ID: 1800206-03 REEPDW137FRB 0.11978, Description: REEPDW137FRB

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800206-03 REEPDW137FRB 0.11978	8.67e3	65.0	NO
2	2 13C5-PFHxA	1800206-03 REEPDW137FRB 0.11978	1.05e4	69.0	NO
3	3 13C3-PFHxS	1800206-03 REEPDW137FRB 0.11978	2.38e3	66.5	NO
4	4 13C8-PFOA	1800206-03 REEPDW137FRB 0.11978	9.42e3	58.0	NO
5	5 13C9-PFNA	1800206-03 REEPDW137FRB 0.11978	8.44e3	58.8	NO
6	6 13C4-PFOS	1800206-03 REEPDW137FRB 0.11978	2.32e3	73.7	NO
7	7 13C6-PFDA	1800206-03 REEPDW137FRB 0.11978	8.18e3	72.0	NO
8	8 13C7-PFUDa	1800206-03 REEPDW137FRB 0.11978	1.01e4	58.9	NO

Name: 180129M1_68, Date: 29-Jan-2018, Time: 23:05:16, ID: 1800206-04 REEPDW138FRB 0.11956, Description: REEPDW138FRB

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800206-04 REEPDW138FRB 0.11956	8.15e3	61.1	NO
2	2 13C5-PFHxA	1800206-04 REEPDW138FRB 0.11956	1.09e4	71.1	NO
3	3 13C3-PFHxS	1800206-04 REEPDW138FRB 0.11956	2.55e3	71.2	NO
4	4 13C8-PFOA	1800206-04 REEPDW138FRB 0.11956	9.05e3	55.8	NO
5	5 13C9-PFNA	1800206-04 REEPDW138FRB 0.11956	8.82e3	61.4	NO
6	6 13C4-PFOS	1800206-04 REEPDW138FRB 0.11956	2.17e3	69.1	NO
7	7 13C6-PFDA	1800206-04 REEPDW138FRB 0.11956	7.36e3	64.7	NO
8	8 13C7-PFUDa	1800206-04 REEPDW138FRB 0.11956	8.74e3	50.8	NO

Name: 180129M1_69, Date: 29-Jan-2018, Time: 23:16:42, ID: 1800206-05 REEPDW139FRB 0.12003, Description: REEPDW139FRB

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800206-05 REEPDW139FRB 0.12003	8.81e3	66.1	NO
2	2 13C5-PFHxA	1800206-05 REEPDW139FRB 0.12003	1.08e4	70.5	NO
3	3 13C3-PFHxS	1800206-05 REEPDW139FRB 0.12003	2.53e3	70.9	NO
4	4 13C8-PFOA	1800206-05 REEPDW139FRB 0.12003	1.07e4	66.0	NO
5	5 13C9-PFNA	1800206-05 REEPDW139FRB 0.12003	1.05e4	73.2	NO
6	6 13C4-PFOS	1800206-05 REEPDW139FRB 0.12003	2.58e3	82.2	NO
7	7 13C6-PFDA	1800206-05 REEPDW139FRB 0.12003	1.06e4	93.4	NO
8	8 13C7-PFUDa	1800206-05 REEPDW139FRB 0.12003	1.14e4	66.2	NO

Name: 180129M1_70, Date: 29-Jan-2018, Time: 23:28:09, ID: 1800206-06 REEPDW140FRB 0.11974, Description: REEPDW140FRB

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800206-06 REEPDW140FRB 0.11974	8.74e3	65.5	NO
2	2 13C5-PFHxA	1800206-06 REEPDW140FRB 0.11974	1.06e4	69.1	NO
3	3 13C3-PFHxS	1800206-06 REEPDW140FRB 0.11974	2.60e3	72.8	NO
4	4 13C8-PFOA	1800206-06 REEPDW140FRB 0.11974	9.01e3	55.5	NO
5	5 13C9-PFNA	1800206-06 REEPDW140FRB 0.11974	1.08e4	74.9	NO
6	6 13C4-PFOS	1800206-06 REEPDW140FRB 0.11974	2.39e3	76.0	NO
7	7 13C6-PFDA	1800206-06 REEPDW140FRB 0.11974	7.96e3	70.1	NO
8	8 13C7-PFUDa	1800206-06 REEPDW140FRB 0.11974	1.09e4	63.3	NO

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Name: 180129M1_71, Date: 29-Jan-2018, Time: 23:39:38, ID: B8A0115-BS1 OPR 0.25, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0115-BS1 OPR 0.25	7.63e3	57.2	NO
2	2 13C5-PFHxA	B8A0115-BS1 OPR 0.25	9.46e3	61.9	NO
3	3 13C3-PFHxS	B8A0115-BS1 OPR 0.25	2.26e3	63.4	NO
4	4 13C8-PFOA	B8A0115-BS1 OPR 0.25	8.47e3	52.2	NO
5	5 13C9-PFNA	B8A0115-BS1 OPR 0.25	8.88e3	61.8	NO
6	6 13C4-PFOS	B8A0115-BS1 OPR 0.25	2.34e3	74.6	NO
7	7 13C6-PFDA	B8A0115-BS1 OPR 0.25	8.14e3	71.7	NO
8	8 13C7-PFUDa	B8A0115-BS1 OPR 0.25	8.61e3	50.0	NO

Name: 180129M1_72, Date: 29-Jan-2018, Time: 23:51:05, ID: B8A0115-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0115-BLK1 Method Blank 0.25	7.52e3	56.4	NO
2	2 13C5-PFHxA	B8A0115-BLK1 Method Blank 0.25	8.79e3	57.5	NO
3	3 13C3-PFHxS	B8A0115-BLK1 Method Blank 0.25	2.34e3	65.5	NO
4	4 13C8-PFOA	B8A0115-BLK1 Method Blank 0.25	9.57e3	58.9	NO
5	5 13C9-PFNA	B8A0115-BLK1 Method Blank 0.25	9.53e3	66.3	NO
6	6 13C4-PFOS	B8A0115-BLK1 Method Blank 0.25	2.07e3	65.8	NO
7	7 13C6-PFDA	B8A0115-BLK1 Method Blank 0.25	7.13e3	62.7	NO
8	8 13C7-PFUDa	B8A0115-BLK1 Method Blank 0.25	1.01e4	58.7	NO

Name: 180129M1_73, Date: 30-Jan-2018, Time: 00:02:35, ID: B8A0115-MS1@10X Matrix Spike 0.25673, Description: Matrix Spike

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0115-MS1@10X Matrix Spike 0.256...	8.69e2	6.5	YES
2	2 13C5-PFHxA	B8A0115-MS1@10X Matrix Spike 0.256...	1.08e3	7.1	YES
3	3 13C3-PFHxS	B8A0115-MS1@10X Matrix Spike 0.256...	1.97e2	5.5	YES
4	4 13C8-PFOA	B8A0115-MS1@10X Matrix Spike 0.256...	9.16e2	5.6	YES
5	5 13C9-PFNA	B8A0115-MS1@10X Matrix Spike 0.256...	1.10e3	7.6	YES
6	6 13C4-PFOS	B8A0115-MS1@10X Matrix Spike 0.256...	2.51e2	8.0	YES
7	7 13C6-PFDA	B8A0115-MS1@10X Matrix Spike 0.256...	9.45e2	8.3	YES
8	8 13C7-PFUDa	B8A0115-MS1@10X Matrix Spike 0.256...	1.27e3	7.4	YES

Name: 180129M1_74, Date: 30-Jan-2018, Time: 00:14:01, ID: B8A0115-MSD1@10X Matrix Spike Dup 0.25042, Description: Matrix Spike Dup

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0115-MSD1@10X Matrix Spike Dup...	8.52e2	6.4	YES
2	2 13C5-PFHxA	B8A0115-MSD1@10X Matrix Spike Dup...	9.91e2	6.5	YES
3	3 13C3-PFHxS	B8A0115-MSD1@10X Matrix Spike Dup...	2.18e2	6.1	YES
4	4 13C8-PFOA	B8A0115-MSD1@10X Matrix Spike Dup...	8.99e2	5.5	YES
5	5 13C9-PFNA	B8A0115-MSD1@10X Matrix Spike Dup...	1.05e3	7.3	YES
6	6 13C4-PFOS	B8A0115-MSD1@10X Matrix Spike Dup...	1.92e2	6.1	YES
7	7 13C6-PFDA	B8A0115-MSD1@10X Matrix Spike Dup...	9.66e2	8.5	YES
8	8 13C7-PFUDa	B8A0115-MSD1@10X Matrix Spike Dup...	8.80e2	5.1	YES

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Name: 180129M1_75, Date: 30-Jan-2018, Time: 00:25:28, ID: 1800121-01 SB01-20180115 0.28035, Description: SB01-20180115

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-01 SB01-20180115 0.28035	7.13e3	53.5	NO
2	2 13C5-PFHxA	1800121-01 SB01-20180115 0.28035	8.71e3	57.0	NO
3	3 13C3-PFHxS	1800121-01 SB01-20180115 0.28035	2.07e3	58.0	NO
4	4 13C8-PFOA	1800121-01 SB01-20180115 0.28035	9.52e3	58.7	NO
5	5 13C9-PFNA	1800121-01 SB01-20180115 0.28035	9.47e3	65.9	NO
6	6 13C4-PFOS	1800121-01 SB01-20180115 0.28035	2.28e3	72.5	NO
7	7 13C6-PFDA	1800121-01 SB01-20180115 0.28035	8.90e3	78.3	NO
8	8 13C7-PFUDa	1800121-01 SB01-20180115 0.28035	1.01e4	58.6	NO

Name: 180129M1_76, Date: 30-Jan-2018, Time: 00:36:55, ID: 1800121-02 EB01-20180115 0.25066, Description: EB01-20180115

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-02 EB01-20180115 0.25066	7.38e3	55.3	NO
2	2 13C5-PFHxA	1800121-02 EB01-20180115 0.25066	9.31e3	60.9	NO
3	3 13C3-PFHxS	1800121-02 EB01-20180115 0.25066	2.26e3	63.4	NO
4	4 13C8-PFOA	1800121-02 EB01-20180115 0.25066	9.70e3	59.8	NO
5	5 13C9-PFNA	1800121-02 EB01-20180115 0.25066	1.04e4	72.1	NO
6	6 13C4-PFOS	1800121-02 EB01-20180115 0.25066	2.27e3	72.2	NO
7	7 13C6-PFDA	1800121-02 EB01-20180115 0.25066	8.22e3	72.3	NO
8	8 13C7-PFUDa	1800121-02 EB01-20180115 0.25066	8.24e3	47.8	YES

Name: 180129M1_77, Date: 30-Jan-2018, Time: 00:48:22, ID: 1800121-03 IRSite5-GW-05W07-20180115 0.27331, Description: IRSite5-GW-05W07-20180115

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-03 IRSite5-GW-05W07-20180...	7.27e3	54.5	NO
2	2 13C5-PFHxA	1800121-03 IRSite5-GW-05W07-20180...	9.24e3	60.5	NO
3	3 13C3-PFHxS	1800121-03 IRSite5-GW-05W07-20180...	2.05e3	57.3	NO
4	4 13C8-PFOA	1800121-03 IRSite5-GW-05W07-20180...	9.17e3	56.5	NO
5	5 13C9-PFNA	1800121-03 IRSite5-GW-05W07-20180...	9.33e3	64.9	NO
6	6 13C4-PFOS	1800121-03 IRSite5-GW-05W07-20180...	2.33e3	74.2	NO
7	7 13C6-PFDA	1800121-03 IRSite5-GW-05W07-20180...	7.75e3	68.2	NO
8	8 13C7-PFUDa	1800121-03 IRSite5-GW-05W07-20180...	1.15e4	66.7	NO

Name: 180129M1_78, Date: 30-Jan-2018, Time: 00:59:53, ID: 1800121-04@10X IRSite5-GW-05W06-20180115 0.26253, Description: IRSite5-GW-05W06-20180115

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-04@10X IRSite5-GW-05W06-...	8.42e2	6.3	YES
2	2 13C5-PFHxA	1800121-04@10X IRSite5-GW-05W06-...	8.89e2	5.8	YES
3	3 13C3-PFHxS	1800121-04@10X IRSite5-GW-05W06-...	2.27e2	6.3	YES
4	4 13C8-PFOA	1800121-04@10X IRSite5-GW-05W06-...	8.34e2	5.1	YES
5	5 13C9-PFNA	1800121-04@10X IRSite5-GW-05W06-...	8.56e2	6.0	YES
6	6 13C4-PFOS	1800121-04@10X IRSite5-GW-05W06-...	2.44e2	7.8	YES
7	7 13C6-PFDA	1800121-04@10X IRSite5-GW-05W06-...	9.18e2	8.1	YES
8	8 13C7-PFUDa	1800121-04@10X IRSite5-GW-05W06-...	1.20e3	6.9	YES

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Name: 180129M1_79, Date: 30-Jan-2018, Time: 01:11:23, ID: 1800121-05 IRSite5-GW-05W08-20180115 0.26783, Description: IRSite5-GW-05W08-20180115

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-05 IRSite5-GW-05W08-20180...	7.45e3	55.9	NO
2	2 13C5-PFHxA	1800121-05 IRSite5-GW-05W08-20180...	9.90e3	64.8	NO
3	3 13C3-PFHxS	1800121-05 IRSite5-GW-05W08-20180...	2.61e3	73.0	NO
4	4 13C8-PFOA	1800121-05 IRSite5-GW-05W08-20180...	9.38e3	57.8	NO
5	5 13C9-PFNA	1800121-05 IRSite5-GW-05W08-20180...	9.37e3	65.2	NO
6	6 13C4-PFOS	1800121-05 IRSite5-GW-05W08-20180...	2.18e3	69.6	NO
7	7 13C6-PFDA	1800121-05 IRSite5-GW-05W08-20180...	7.05e3	62.1	NO
8	8 13C7-PFUDa	1800121-05 IRSite5-GW-05W08-20180...	9.90e3	57.5	NO

Name: 180129M1_80, Date: 30-Jan-2018, Time: 01:22:50, ID: 1800121-06 IRSite5-GW-05W01-20180115 0.27608, Description: IRSite5-GW-05W01-20180115

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-06 IRSite5-GW-05W01-20180...	6.55e3	49.1	YES
2	2 13C5-PFHxA	1800121-06 IRSite5-GW-05W01-20180...	7.64e3	50.0	NO
3	3 13C3-PFHxS	1800121-06 IRSite5-GW-05W01-20180...	2.30e3	64.4	NO
4	4 13C8-PFOA	1800121-06 IRSite5-GW-05W01-20180...	8.16e3	50.3	NO
5	5 13C9-PFNA	1800121-06 IRSite5-GW-05W01-20180...	9.63e3	67.0	NO
6	6 13C4-PFOS	1800121-06 IRSite5-GW-05W01-20180...	2.09e3	66.6	NO
7	7 13C6-PFDA	1800121-06 IRSite5-GW-05W01-20180...	7.13e3	62.8	NO
8	8 13C7-PFUDa	1800121-06 IRSite5-GW-05W01-20180...	9.26e3	53.7	NO

Name: 180129M1_81, Date: 30-Jan-2018, Time: 01:34:19, ID: 1800121-07@10X IRSite5-GW-05W03-20180115 0.25196, Description: IRSite5-GW-05W03-20180115

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-07@10X IRSite5-GW-05W03-...	8.85e2	6.6	YES
2	2 13C5-PFHxA	1800121-07@10X IRSite5-GW-05W03-...	1.14e3	7.4	YES
3	3 13C3-PFHxS	1800121-07@10X IRSite5-GW-05W03-...	2.62e2	7.3	YES
4	4 13C8-PFOA	1800121-07@10X IRSite5-GW-05W03-...	9.78e2	6.0	YES
5	5 13C9-PFNA	1800121-07@10X IRSite5-GW-05W03-...	1.13e3	7.9	YES
6	6 13C4-PFOS	1800121-07@10X IRSite5-GW-05W03-...	2.28e2	7.2	YES
7	7 13C6-PFDA	1800121-07@10X IRSite5-GW-05W03-...	8.30e2	7.3	YES
8	8 13C7-PFUDa	1800121-07@10X IRSite5-GW-05W03-...	8.06e2	4.7	YES

Name: 180129M1_82, Date: 30-Jan-2018, Time: 01:45:46, ID: 1800121-08@10 UXOSite14-GW-DPW79A-20180115 0.24743, Description: UXOSite14-GW-DPW79A-20180115

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-08@10 UXOSite14-GW-DPW...	8.35e2	6.3	YES
2	2 13C5-PFHxA	1800121-08@10 UXOSite14-GW-DPW...	1.09e3	7.2	YES
3	3 13C3-PFHxS	1800121-08@10 UXOSite14-GW-DPW...	2.20e2	6.2	YES
4	4 13C8-PFOA	1800121-08@10 UXOSite14-GW-DPW...	1.09e3	6.7	YES
5	5 13C9-PFNA	1800121-08@10 UXOSite14-GW-DPW...	9.75e2	6.8	YES
6	6 13C4-PFOS	1800121-08@10 UXOSite14-GW-DPW...	2.89e2	9.2	YES
7	7 13C6-PFDA	1800121-08@10 UXOSite14-GW-DPW...	7.74e2	6.8	YES
8	8 13C7-PFUDa	1800121-08@10 UXOSite14-GW-DPW...	1.04e3	6.1	YES

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Name: 180129M1_83, Date: 30-Jan-2018, Time: 01:57:16, ID: 1800121-09 UXOSite14-GW-DPW78A-20180115 0.26471, Description: UXOSite14-GW-DPW78A-20180115

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-09 UXOSite14-GW-DPW78A-...	7.04e3	52.8	NO
2	2 13C5-PFHxA	1800121-09 UXOSite14-GW-DPW78A-...	8.67e3	56.7	NO
3	3 13C3-PFHxS	1800121-09 UXOSite14-GW-DPW78A-...	2.30e3	64.3	NO
4	4 13C8-PFOA	1800121-09 UXOSite14-GW-DPW78A-...	8.33e3	51.3	NO
5	5 13C9-PFNA	1800121-09 UXOSite14-GW-DPW78A-...	9.97e3	69.4	NO
6	6 13C4-PFOS	1800121-09 UXOSite14-GW-DPW78A-...	2.34e3	74.4	NO
7	7 13C6-PFDA	1800121-09 UXOSite14-GW-DPW78A-...	5.60e3	49.3	YES
8	8 13C7-PFUDa	1800121-09 UXOSite14-GW-DPW78A-...	1.15e4	67.0	NO

Name: 180129M1_84, Date: 30-Jan-2018, Time: 02:08:46, ID: 1800121-10@10 UXOSite14-GW-DPW77A-20180115 0.26267, Description: UXOSite14-GW-DPW77A-20180115

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-10@10 UXOSite14-GW-DPW...	8.28e2	6.2	YES
2	2 13C5-PFHxA	1800121-10@10 UXOSite14-GW-DPW...	1.02e3	6.6	YES
3	3 13C3-PFHxS	1800121-10@10 UXOSite14-GW-DPW...	2.60e2	7.3	YES
4	4 13C8-PFOA	1800121-10@10 UXOSite14-GW-DPW...	1.15e3	7.1	YES
5	5 13C9-PFNA	1800121-10@10 UXOSite14-GW-DPW...	1.34e3	9.3	YES
6	6 13C4-PFOS	1800121-10@10 UXOSite14-GW-DPW...	2.49e2	7.9	YES
7	7 13C6-PFDA	1800121-10@10 UXOSite14-GW-DPW...	9.57e2	8.4	YES
8	8 13C7-PFUDa	1800121-10@10 UXOSite14-GW-DPW...	1.11e3	6.4	YES

Name: 180129M1_85, Date: 30-Jan-2018, Time: 02:20:12, ID: 1800121-11@10X IRSite1-GW-01W48A -20180115 0.25842, Description: IRSite1-GW-01W48A -20180115

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-11@10X IRSite1-GW-01W48...	8.79e2	6.6	YES
2	2 13C5-PFHxA	1800121-11@10X IRSite1-GW-01W48...	1.11e3	7.3	YES
3	3 13C3-PFHxS	1800121-11@10X IRSite1-GW-01W48...	2.89e2	8.1	YES
4	4 13C8-PFOA	1800121-11@10X IRSite1-GW-01W48...	1.05e3	6.5	YES
5	5 13C9-PFNA	1800121-11@10X IRSite1-GW-01W48...	9.37e2	6.5	YES
6	6 13C4-PFOS	1800121-11@10X IRSite1-GW-01W48...	1.99e2	6.3	YES
7	7 13C6-PFDA	1800121-11@10X IRSite1-GW-01W48...	1.05e3	9.2	YES
8	8 13C7-PFUDa	1800121-11@10X IRSite1-GW-01W48...	1.14e3	6.6	YES

Name: 180129M1_86, Date: 30-Jan-2018, Time: 02:31:42, 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

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Name: 180129M1_87, Date: 30-Jan-2018, Time: 02:43:12, ID: ST180129M1-14 PFC CS3 18A1909, Description: PFC CS3 18A1909

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180129M1-14 PFC CS3 18A1909	1.75e4	131.4	NO
2	2 13C5-PFHxA	ST180129M1-14 PFC CS3 18A1909	2.05e4	134.5	NO
3	3 13C3-PFHxS	ST180129M1-14 PFC CS3 18A1909	4.94e3	138.1	NO
4	4 13C8-PFOA	ST180129M1-14 PFC CS3 18A1909	1.78e4	109.4	NO
5	5 13C9-PFNA	ST180129M1-14 PFC CS3 18A1909	2.09e4	145.8	NO
6	6 13C4-PFOS	ST180129M1-14 PFC CS3 18A1909	4.90e3	155.9	YES
7	7 13C6-PFDA	ST180129M1-14 PFC CS3 18A1909	1.73e4	152.3	YES
8	8 13C7-PFUDa	ST180129M1-14 PFC CS3 18A1909	2.12e4	122.8	NO

Name: 180129M1_88, Date: 30-Jan-2018, Time: 02:54:41, 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: 180129M1_89, Date: 30-Jan-2018, Time: 03:06:11, ID: 1800121-12@10X IRSite1-GW-01W49A- 20180115 0.26214, Description: IRSite1-GW-01W49A- 20180115

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-12@10X IRSite1-GW-01W49...	8.59e2	6.4	YES
2	2 13C5-PFHxA	1800121-12@10X IRSite1-GW-01W49...	1.22e3	8.0	YES
3	3 13C3-PFHxS	1800121-12@10X IRSite1-GW-01W49...	3.02e2	8.5	YES
4	4 13C8-PFOA	1800121-12@10X IRSite1-GW-01W49...	1.01e3	6.2	YES
5	5 13C9-PFNA	1800121-12@10X IRSite1-GW-01W49...	1.01e3	7.0	YES
6	6 13C4-PFOS	1800121-12@10X IRSite1-GW-01W49...	2.52e2	8.0	YES
7	7 13C6-PFDA	1800121-12@10X IRSite1-GW-01W49...	8.45e2	7.4	YES
8	8 13C7-PFUDa	1800121-12@10X IRSite1-GW-01W49...	1.24e3	7.2	YES

Name: 180129M1_90, Date: 30-Jan-2018, Time: 03:17:40, ID: 1800121-13@10X IRSite1-GW-01W13A- 20180115 0.24739, Description: IRSite1-GW-01W13A- 20180115

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-13@10X IRSite1-GW-01W13...	9.68e2	7.3	YES
2	2 13C5-PFHxA	1800121-13@10X IRSite1-GW-01W13...	1.09e3	7.2	YES
3	3 13C3-PFHxS	1800121-13@10X IRSite1-GW-01W13...	2.52e2	7.0	YES
4	4 13C8-PFOA	1800121-13@10X IRSite1-GW-01W13...	1.09e3	6.7	YES
5	5 13C9-PFNA	1800121-13@10X IRSite1-GW-01W13...	1.21e3	8.5	YES
6	6 13C4-PFOS	1800121-13@10X IRSite1-GW-01W13...	2.87e2	9.2	YES
7	7 13C6-PFDA	1800121-13@10X IRSite1-GW-01W13...	8.39e2	7.4	YES
8	8 13C7-PFUDa	1800121-13@10X IRSite1-GW-01W13...	1.25e3	7.2	YES

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Name: 180129M1_91, Date: 30-Jan-2018, Time: 03:29:09, ID: 1800121-14@10X DUP01-20180115 0.26578, Description: DUP01-20180115

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-14@10X DUP01-20180115 0...	9.43e2	7.1	YES
2	2 13C5-PFHxA	1800121-14@10X DUP01-20180115 0...	1.30e3	8.5	YES
3	3 13C3-PFHxS	1800121-14@10X DUP01-20180115 0...	3.15e2	8.8	YES
4	4 13C8-PFOA	1800121-14@10X DUP01-20180115 0...	1.01e3	6.2	YES
5	5 13C9-PFNA	1800121-14@10X DUP01-20180115 0...	1.14e3	7.9	YES
6	6 13C4-PFOS	1800121-14@10X DUP01-20180115 0...	2.50e2	8.0	YES
7	7 13C6-PFDA	1800121-14@10X DUP01-20180115 0...	1.21e3	10.7	YES
8	8 13C7-PFUDa	1800121-14@10X DUP01-20180115 0...	1.24e3	7.2	YES

Name: 180129M1_92, Date: 30-Jan-2018, Time: 03:40:38, ID: 1800132-14 PITTS-EB-011118-1400 0.12081, Description: PITTS-EB-011118-1400

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800132-14 PITTS-EB-011118-1400 0.1..	6.75e3	50.6	NO
2	2 13C5-PFHxA	1800132-14 PITTS-EB-011118-1400 0.1..	8.60e3	56.3	NO
3	3 13C3-PFHxS	1800132-14 PITTS-EB-011118-1400 0.1..	2.14e3	59.8	NO
4	4 13C8-PFOA	1800132-14 PITTS-EB-011118-1400 0.1..	7.97e3	49.1	YES
5	5 13C9-PFNA	1800132-14 PITTS-EB-011118-1400 0.1..	7.53e3	52.4	NO
6	6 13C4-PFOS	1800132-14 PITTS-EB-011118-1400 0.1..	2.21e3	70.3	NO
7	7 13C6-PFDA	1800132-14 PITTS-EB-011118-1400 0.1..	7.14e3	62.8	NO
8	8 13C7-PFUDa	1800132-14 PITTS-EB-011118-1400 0.1..	8.71e3	50.6	NO

Name: 180129M1_93, Date: 30-Jan-2018, Time: 03:52:08, ID: B8A0121-BS1 OPR 0.25, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0121-BS1 OPR 0.25	7.02e3	52.7	NO
2	2 13C5-PFHxA	B8A0121-BS1 OPR 0.25	9.38e3	61.4	NO
3	3 13C3-PFHxS	B8A0121-BS1 OPR 0.25	2.61e3	73.1	NO
4	4 13C8-PFOA	B8A0121-BS1 OPR 0.25	7.85e3	48.3	YES
5	5 13C9-PFNA	B8A0121-BS1 OPR 0.25	7.79e3	54.2	NO
6	6 13C4-PFOS	B8A0121-BS1 OPR 0.25	2.29e3	72.9	NO
7	7 13C6-PFDA	B8A0121-BS1 OPR 0.25	7.76e3	68.3	NO
8	8 13C7-PFUDa	B8A0121-BS1 OPR 0.25	9.95e3	57.8	NO

Name: 180129M1_94, Date: 30-Jan-2018, Time: 04:03:37, ID: B8A0121-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0121-BLK1 Method Blank 0.25	6.85e3	51.4	NO
2	2 13C5-PFHxA	B8A0121-BLK1 Method Blank 0.25	8.24e3	53.9	NO
3	3 13C3-PFHxS	B8A0121-BLK1 Method Blank 0.25	2.06e3	57.6	NO
4	4 13C8-PFOA	B8A0121-BLK1 Method Blank 0.25	8.63e3	53.2	NO
5	5 13C9-PFNA	B8A0121-BLK1 Method Blank 0.25	9.23e3	64.3	NO
6	6 13C4-PFOS	B8A0121-BLK1 Method Blank 0.25	2.22e3	70.5	NO
7	7 13C6-PFDA	B8A0121-BLK1 Method Blank 0.25	8.72e3	76.7	NO
8	8 13C7-PFUDa	B8A0121-BLK1 Method Blank 0.25	1.01e4	58.4	NO

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Name: 180129M1_95, Date: 30-Jan-2018, Time: 04:15:07, ID: 1800135-01 WR1801160935CKA 0.25655, Description: WR1801160935CKA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800135-01 WR1801160935CKA 0.256...	6.44e3	48.3	YES
2	2 13C5-PFHxA	1800135-01 WR1801160935CKA 0.256...	8.05e3	52.7	NO
3	3 13C3-PFHxS	1800135-01 WR1801160935CKA 0.256...	2.51e3	70.1	NO
4	4 13C8-PFOA	1800135-01 WR1801160935CKA 0.256...	7.90e3	48.7	YES
5	5 13C9-PFNA	1800135-01 WR1801160935CKA 0.256...	8.80e3	61.3	NO
6	6 13C4-PFOS	1800135-01 WR1801160935CKA 0.256...	2.28e3	72.7	NO
7	7 13C6-PFDA	1800135-01 WR1801160935CKA 0.256...	8.09e3	71.2	NO
8	8 13C7-PFUDa	1800135-01 WR1801160935CKA 0.256...	9.75e3	56.6	NO

Name: 180129M1_96, Date: 30-Jan-2018, Time: 04:26:37, ID: 1800135-02 WIRR1801161015CKA 0.25732, Description: WIRR1801161015CKA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800135-02 WIRR1801161015CKA 0.2...	6.49e3	48.7	YES
2	2 13C5-PFHxA	1800135-02 WIRR1801161015CKA 0.2...	7.17e3	46.9	YES
3	3 13C3-PFHxS	1800135-02 WIRR1801161015CKA 0.2...	2.10e3	58.6	NO
4	4 13C8-PFOA	1800135-02 WIRR1801161015CKA 0.2...	7.25e3	44.7	YES
5	5 13C9-PFNA	1800135-02 WIRR1801161015CKA 0.2...	6.76e3	47.0	YES
6	6 13C4-PFOS	1800135-02 WIRR1801161015CKA 0.2...	2.38e3	75.8	NO
7	7 13C6-PFDA	1800135-02 WIRR1801161015CKA 0.2...	8.80e3	77.4	NO
8	8 13C7-PFUDa	1800135-02 WIRR1801161015CKA 0.2...	8.16e3	47.4	YES

Name: 180129M1_97, Date: 30-Jan-2018, Time: 04:38:04, ID: 1800135-03 FBIRR1801161015CKA 0.25954, Description: FBIRR1801161015CKA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800135-03 FBIRR1801161015CKA 0.2...	6.67e3	50.0	NO
2	2 13C5-PFHxA	1800135-03 FBIRR1801161015CKA 0.2...	8.65e3	56.6	NO
3	3 13C3-PFHxS	1800135-03 FBIRR1801161015CKA 0.2...	2.47e3	69.2	NO
4	4 13C8-PFOA	1800135-03 FBIRR1801161015CKA 0.2...	8.74e3	53.8	NO
5	5 13C9-PFNA	1800135-03 FBIRR1801161015CKA 0.2...	8.87e3	61.7	NO
6	6 13C4-PFOS	1800135-03 FBIRR1801161015CKA 0.2...	2.25e3	71.7	NO
7	7 13C6-PFDA	1800135-03 FBIRR1801161015CKA 0.2...	8.18e3	71.9	NO
8	8 13C7-PFUDa	1800135-03 FBIRR1801161015CKA 0.2...	7.54e3	43.8	YES

Name: 180129M1_98, Date: 30-Jan-2018, Time: 04:49:30, ID: 1800138-01 GW1216180115RAP 0.25133, Description: GW1216180115RAP

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800138-01 GW1216180115RAP 0.251...	6.28e3	47.1	YES
2	2 13C5-PFHxA	1800138-01 GW1216180115RAP 0.251...	8.58e3	56.1	NO
3	3 13C3-PFHxS	1800138-01 GW1216180115RAP 0.251...	2.22e3	62.2	NO
4	4 13C8-PFOA	1800138-01 GW1216180115RAP 0.251...	6.37e3	39.2	YES
5	5 13C9-PFNA	1800138-01 GW1216180115RAP 0.251...	1.03e4	71.9	NO
6	6 13C4-PFOS	1800138-01 GW1216180115RAP 0.251...	2.19e3	69.6	NO
7	7 13C6-PFDA	1800138-01 GW1216180115RAP 0.251...	5.63e3	49.6	YES
8	8 13C7-PFUDa	1800138-01 GW1216180115RAP 0.251...	7.93e3	46.0	YES

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-IIS.qld

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Name: 180129M1_99, Date: 30-Jan-2018, Time: 05:00:57, ID: 1800138-02 GW2226180115RAP 0.25969, Description: GW2226180115RAP

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800138-02 GW2226180115RAP 0.259...	5.90e3	44.2	YES
2	2 13C5-PFHxA	1800138-02 GW2226180115RAP 0.259...	7.91e3	51.8	NO
3	3 13C3-PFHxS	1800138-02 GW2226180115RAP 0.259...	2.04e3	57.1	NO
4	4 13C8-PFOA	1800138-02 GW2226180115RAP 0.259...	7.53e3	46.4	YES
5	5 13C9-PFNA	1800138-02 GW2226180115RAP 0.259...	6.46e3	44.9	YES
6	6 13C4-PFOS	1800138-02 GW2226180115RAP 0.259...	1.95e3	62.0	NO
7	7 13C6-PFDA	1800138-02 GW2226180115RAP 0.259...	5.91e3	52.0	NO
8	8 13C7-PFUDa	1800138-02 GW2226180115RAP 0.259...	9.32e3	54.1	NO

Name: 180129M1_100, Date: 30-Jan-2018, Time: 05:12:26, ID: 1800138-03 GW3236180115RAP 0.26041, Description: GW3236180115RAP

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800138-03 GW3236180115RAP 0.260...	6.03e3	45.2	YES
2	2 13C5-PFHxA	1800138-03 GW3236180115RAP 0.260...	7.72e3	50.5	NO
3	3 13C3-PFHxS	1800138-03 GW3236180115RAP 0.260...	2.02e3	56.4	NO
4	4 13C8-PFOA	1800138-03 GW3236180115RAP 0.260...	8.04e3	49.5	YES
5	5 13C9-PFNA	1800138-03 GW3236180115RAP 0.260...	6.61e3	46.0	YES
6	6 13C4-PFOS	1800138-03 GW3236180115RAP 0.260...	2.14e3	68.2	NO
7	7 13C6-PFDA	1800138-03 GW3236180115RAP 0.260...	5.44e3	47.9	YES
8	8 13C7-PFUDa	1800138-03 GW3236180115RAP 0.260...	6.24e3	36.2	YES

Name: 180129M1_101, Date: 30-Jan-2018, Time: 05:23:53, ID: 1800138-04 GW4246180116RAP 0.25265, Description: GW4246180116RAP

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800138-04 GW4246180116RAP 0.252...	6.06e3	45.5	YES
2	2 13C5-PFHxA	1800138-04 GW4246180116RAP 0.252...	7.89e3	51.6	NO
3	3 13C3-PFHxS	1800138-04 GW4246180116RAP 0.252...	2.33e3	65.1	NO
4	4 13C8-PFOA	1800138-04 GW4246180116RAP 0.252...	7.45e3	45.9	YES
5	5 13C9-PFNA	1800138-04 GW4246180116RAP 0.252...	6.99e3	48.6	YES
6	6 13C4-PFOS	1800138-04 GW4246180116RAP 0.252...	2.06e3	65.7	NO
7	7 13C6-PFDA	1800138-04 GW4246180116RAP 0.252...	5.12e3	45.1	YES
8	8 13C7-PFUDa	1800138-04 GW4246180116RAP 0.252...	9.38e3	54.5	NO

Name: 180129M1_102, Date: 30-Jan-2018, Time: 05:35:22, 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

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Name: 180129M1_103, Date: 30-Jan-2018, Time: 05:46:51, ID: ST180129M1-15 PFC CS3 18A1909, Description: PFC CS3 18A1909

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180129M1-15 PFC CS3 18A1909	1.83e4	137.5	NO
2	2 13C5-PFHxA	ST180129M1-15 PFC CS3 18A1909	2.06e4	134.9	NO
3	3 13C3-PFHxS	ST180129M1-15 PFC CS3 18A1909	5.32e3	148.7	NO
4	4 13C8-PFOA	ST180129M1-15 PFC CS3 18A1909	1.78e4	109.4	NO
5	5 13C9-PFNA	ST180129M1-15 PFC CS3 18A1909	1.95e4	136.0	NO
6	6 13C4-PFOS	ST180129M1-15 PFC CS3 18A1909	4.27e3	136.0	NO
7	7 13C6-PFDA	ST180129M1-15 PFC CS3 18A1909	1.73e4	152.4	YES
8	8 13C7-PFUDa	ST180129M1-15 PFC CS3 18A1909	2.35e4	136.4	NO

Name: 180129M1_104, Date: 30-Jan-2018, Time: 05:58:22, 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: 180129M1_105, Date: 30-Jan-2018, Time: 06:09:48, ID: 1800138-05 GW1418180116RAP 0.25524, Description: GW1418180116RAP

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800138-05 GW1418180116RAP 0.255...	6.56e3	49.2	YES
2	2 13C5-PFHxA	1800138-05 GW1418180116RAP 0.255...	8.27e3	54.1	NO
3	3 13C3-PFHxS	1800138-05 GW1418180116RAP 0.255...	2.36e3	65.9	NO
4	4 13C8-PFOA	1800138-05 GW1418180116RAP 0.255...	8.05e3	49.6	YES
5	5 13C9-PFNA	1800138-05 GW1418180116RAP 0.255...	8.46e3	58.9	NO
6	6 13C4-PFOS	1800138-05 GW1418180116RAP 0.255...	1.89e3	60.0	NO
7	7 13C6-PFDA	1800138-05 GW1418180116RAP 0.255...	7.46e3	65.7	NO
8	8 13C7-PFUDa	1800138-05 GW1418180116RAP 0.255...	8.26e3	48.0	YES

Name: 180129M1_106, Date: 30-Jan-2018, Time: 06:21:18, ID: 1800138-06 GW2428180117RAP 0.25562, Description: GW2428180117RAP

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800138-06 GW2428180117RAP 0.255...	6.94e3	52.0	NO
2	2 13C5-PFHxA	1800138-06 GW2428180117RAP 0.255...	8.56e3	56.0	NO
3	3 13C3-PFHxS	1800138-06 GW2428180117RAP 0.255...	2.31e3	64.6	NO
4	4 13C8-PFOA	1800138-06 GW2428180117RAP 0.255...	8.68e3	53.5	NO
5	5 13C9-PFNA	1800138-06 GW2428180117RAP 0.255...	8.00e3	55.7	NO
6	6 13C4-PFOS	1800138-06 GW2428180117RAP 0.255...	2.28e3	72.6	NO
7	7 13C6-PFDA	1800138-06 GW2428180117RAP 0.255...	6.02e3	53.0	NO
8	8 13C7-PFUDa	1800138-06 GW2428180117RAP 0.255...	1.07e4	62.2	NO

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Name: 180129M1_107, Date: 30-Jan-2018, Time: 06:32:47, ID: 1800138-07 GW3438180117RAP 0.25554, Description: GW3438180117RAP

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800138-07 GW3438180117RAP 0.255...	6.34e3	47.5	YES
2	2	13C5-PFHxA	1800138-07 GW3438180117RAP 0.255...	7.30e3	47.8	YES
3	3	13C3-PFHxS	1800138-07 GW3438180117RAP 0.255...	2.12e3	59.2	NO
4	4	13C8-PFOA	1800138-07 GW3438180117RAP 0.255...	7.79e3	48.0	YES
5	5	13C9-PFNA	1800138-07 GW3438180117RAP 0.255...	6.73e3	46.9	YES
6	6	13C4-PFOS	1800138-07 GW3438180117RAP 0.255...	1.94e3	61.8	NO
7	7	13C6-PFDA	1800138-07 GW3438180117RAP 0.255...	5.30e3	46.7	YES
8	8	13C7-PFUDa	1800138-07 GW3438180117RAP 0.255...	7.47e3	43.4	YES

Name: 180129M1_108, Date: 30-Jan-2018, Time: 06:44:13, ID: 1800138-08 GW4347180117RAP 0.25876, Description: GW4347180117RAP

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800138-08 GW4347180117RAP 0.258...	6.56e3	49.2	YES
2	2	13C5-PFHxA	1800138-08 GW4347180117RAP 0.258...	8.25e3	54.0	NO
3	3	13C3-PFHxS	1800138-08 GW4347180117RAP 0.258...	2.24e3	62.7	NO
4	4	13C8-PFOA	1800138-08 GW4347180117RAP 0.258...	8.46e3	52.1	NO
5	5	13C9-PFNA	1800138-08 GW4347180117RAP 0.258...	6.84e3	47.6	YES
6	6	13C4-PFOS	1800138-08 GW4347180117RAP 0.258...	2.33e3	74.2	NO
7	7	13C6-PFDA	1800138-08 GW4347180117RAP 0.258...	8.52e3	74.9	NO
8	8	13C7-PFUDa	1800138-08 GW4347180117RAP 0.258...	9.20e3	53.4	NO

Name: 180129M1_109, Date: 30-Jan-2018, Time: 06:55:43, ID: 1800138-09 GW5458180118RAP 0.25739, Description: GW5458180118RAP

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800138-09 GW5458180118RAP 0.257...	6.87e3	51.5	NO
2	2	13C5-PFHxA	1800138-09 GW5458180118RAP 0.257...	8.68e3	56.8	NO
3	3	13C3-PFHxS	1800138-09 GW5458180118RAP 0.257...	2.20e3	61.6	NO
4	4	13C8-PFOA	1800138-09 GW5458180118RAP 0.257...	6.85e3	42.2	YES
5	5	13C9-PFNA	1800138-09 GW5458180118RAP 0.257...	9.02e3	62.8	NO
6	6	13C4-PFOS	1800138-09 GW5458180118RAP 0.257...	2.60e3	82.7	NO
7	7	13C6-PFDA	1800138-09 GW5458180118RAP 0.257...	7.17e3	63.1	NO
8	8	13C7-PFUDa	1800138-09 GW5458180118RAP 0.257...	8.18e3	47.5	YES

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-12.qld

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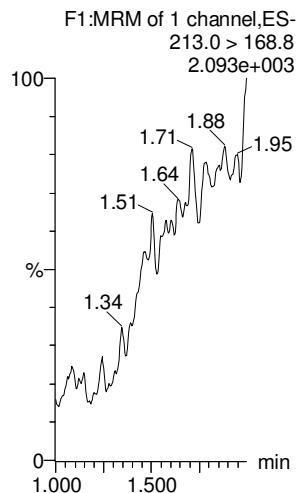
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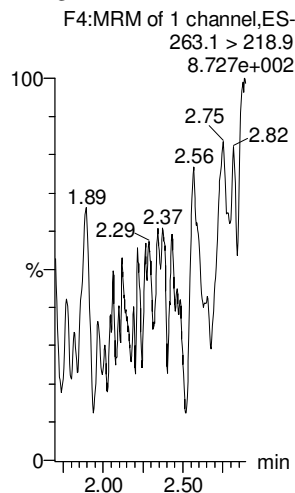
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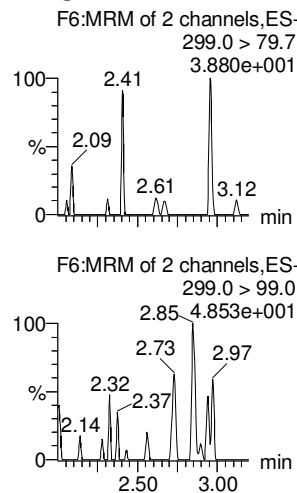
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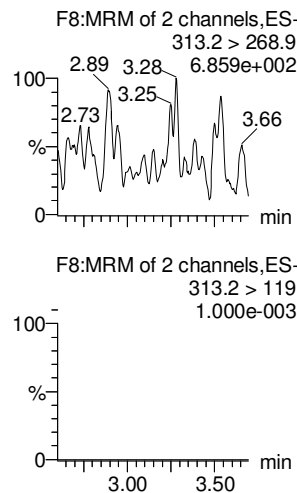
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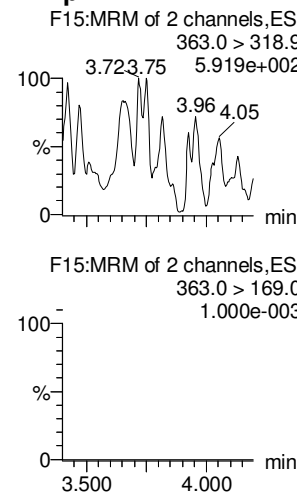
PFBS



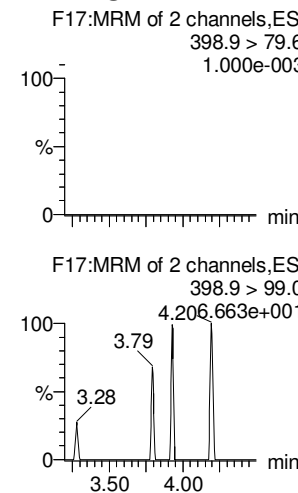
PFHxA



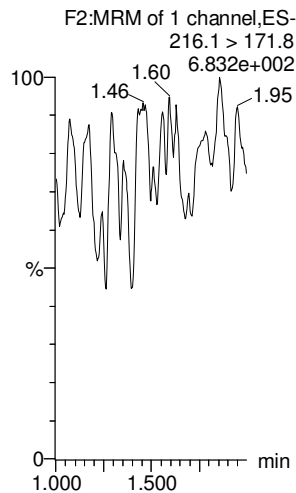
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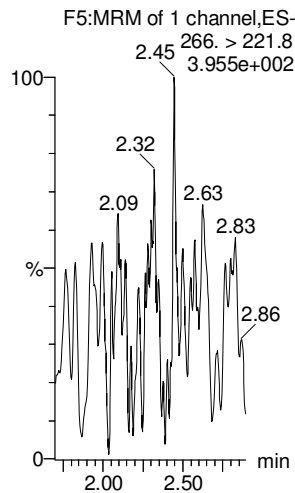
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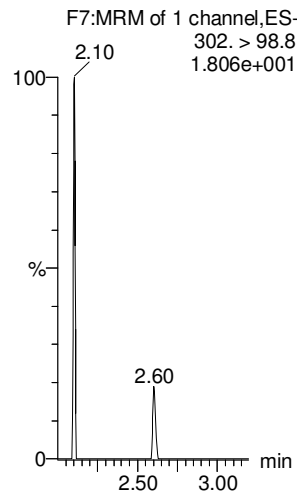
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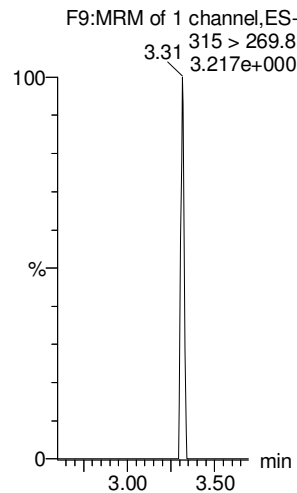
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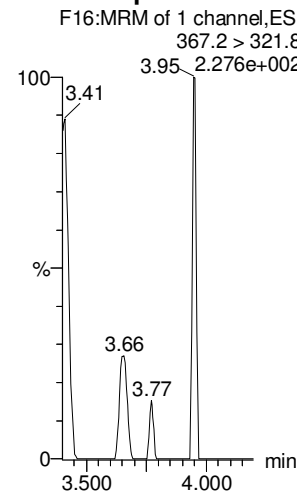
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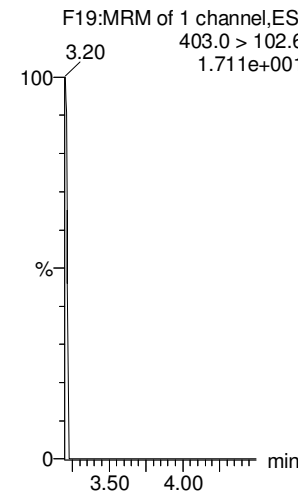
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13C4-PFHpA



18O2-PFHxS



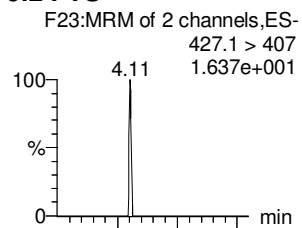
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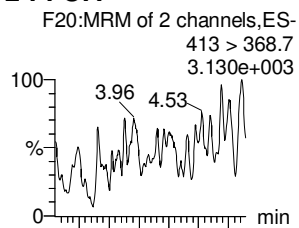
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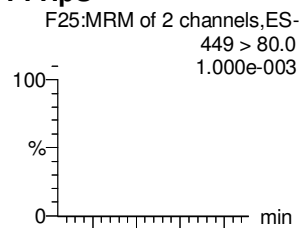
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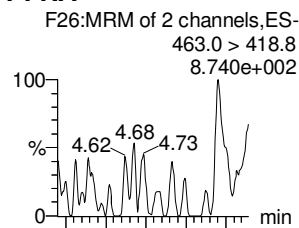
L-PFOA



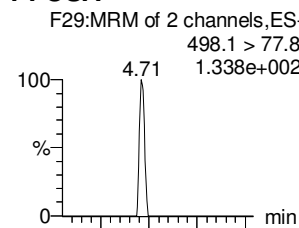
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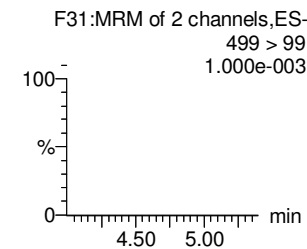
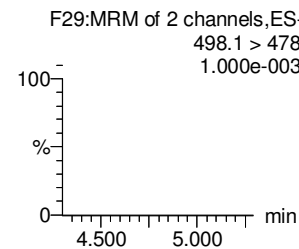
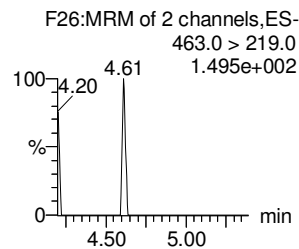
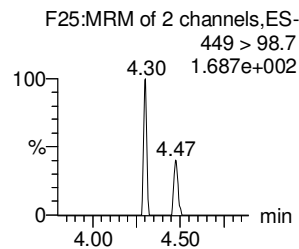
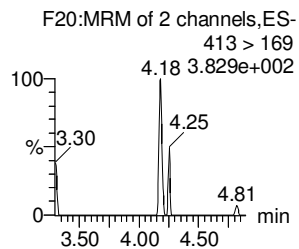
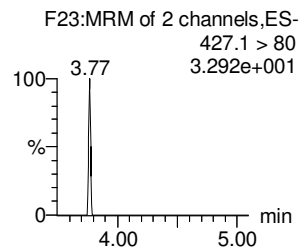
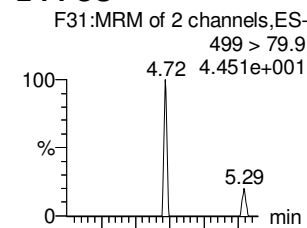
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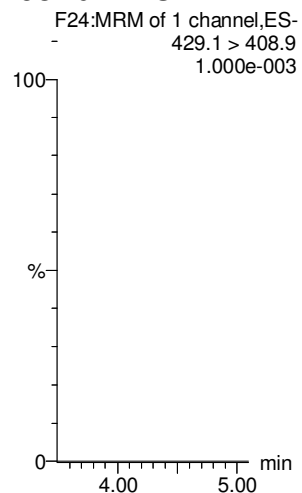
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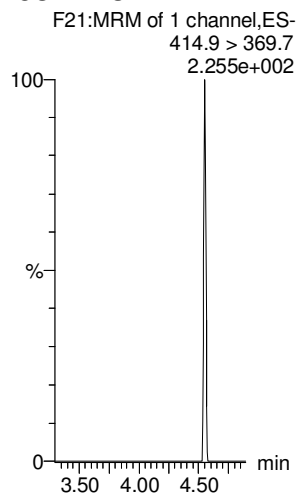
L-PFOS



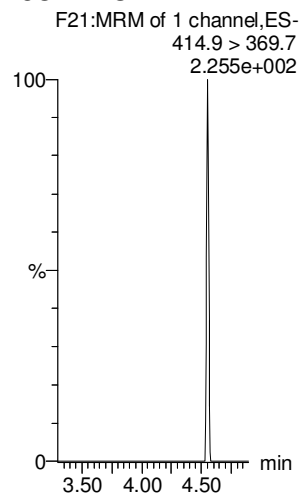
13C2-6:2 FTS



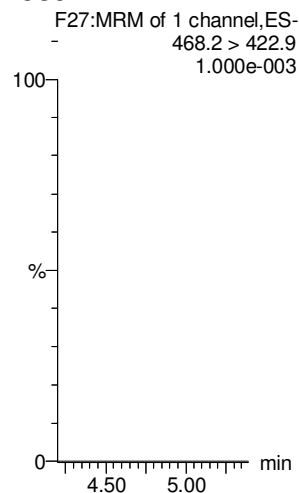
13C2-PFOA



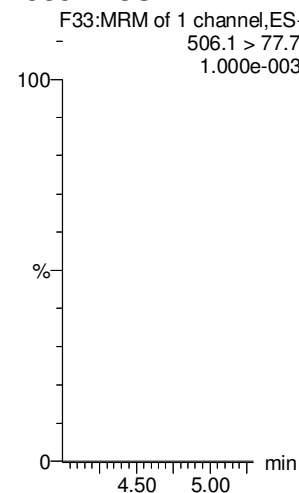
13C2-PFOA



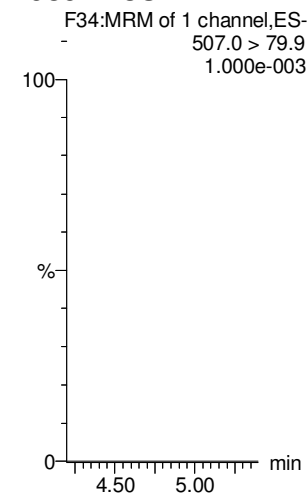
13C5-PFNA



13C8-PFOSA



13C8-PFOS



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-12.qld

Last Altered: Tuesday, January 30, 2018 08:41:59 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:42:21 Pacific Standard Time

Name: 180129M1_12, Date: 29-Jan-2018, Time: 12:22:23, ID: IPA, Description: IPA

PFDA

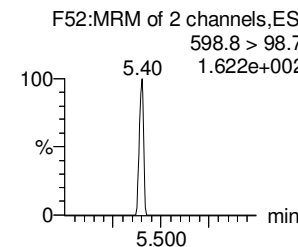
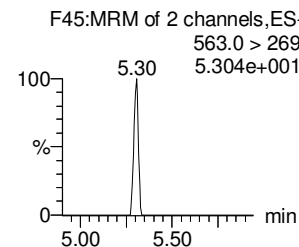
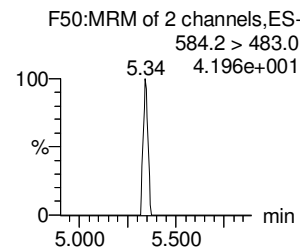
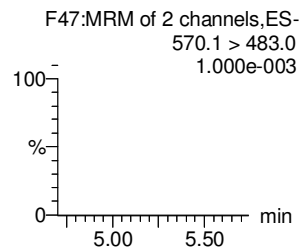
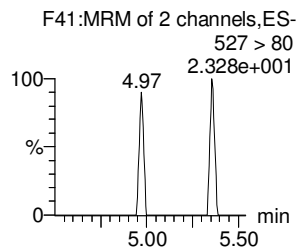
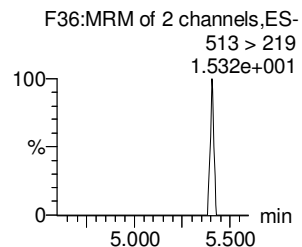
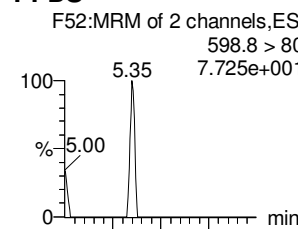
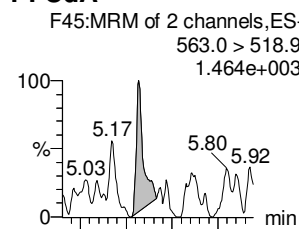
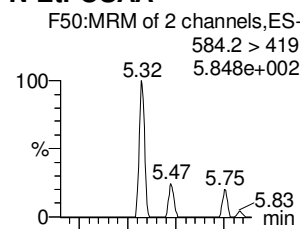
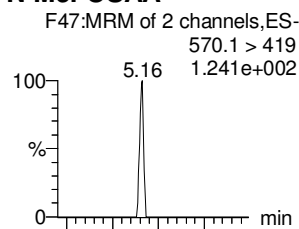
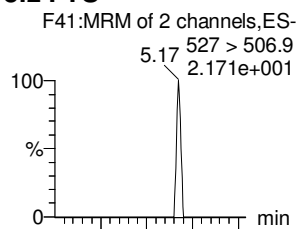
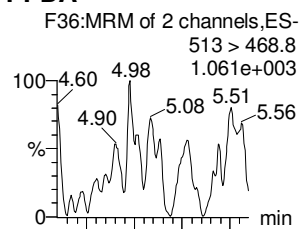
8:2 FTS

N-MeFOSAA

N-EtFOSAA

PFUdA

PFDS



13C2-PFDA

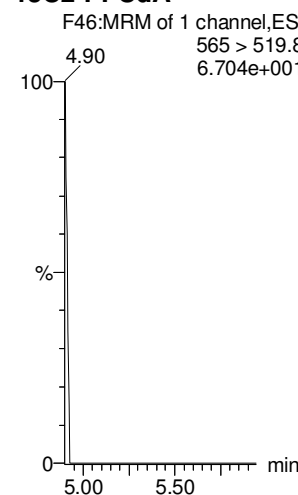
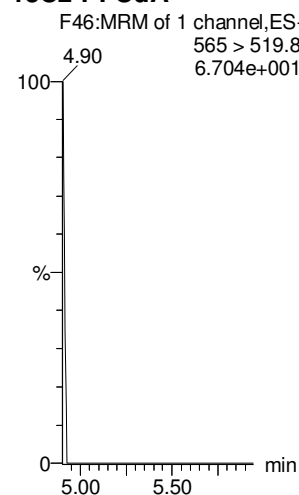
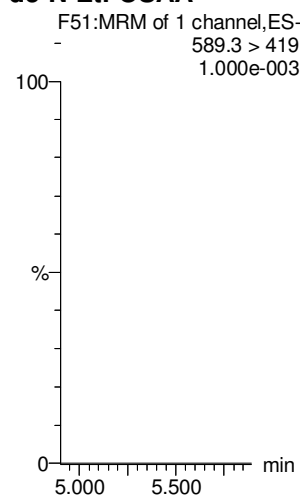
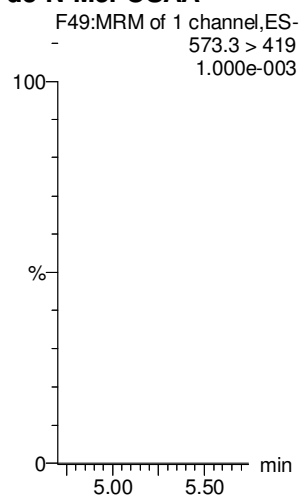
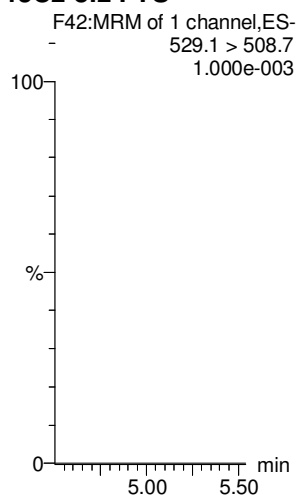
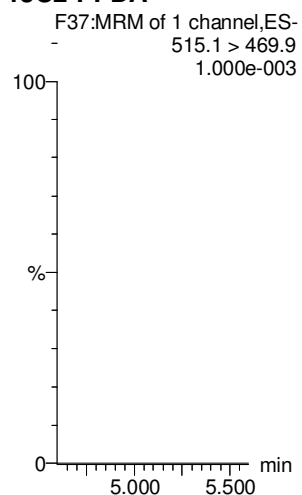
13C2-8:2 FTS

d3-N-MeFOSAA

d5-N-EtFOSAA

13C2-PFUdA

13C2-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-12.qld

Last Altered: Tuesday, January 30, 2018 08:41:59 Pacific Standard Time

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Name: 180129M1_12, Date: 29-Jan-2018, Time: 12:22:23, ID: IPA, Description: IPA

PFDoA

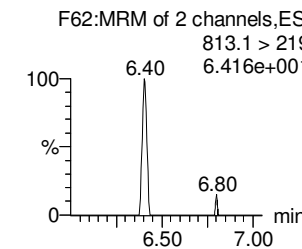
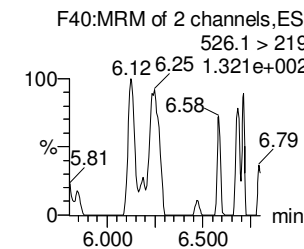
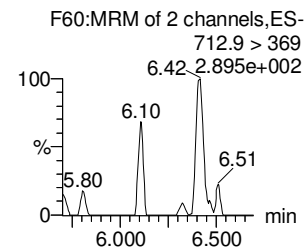
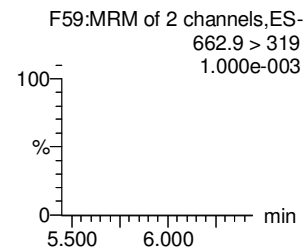
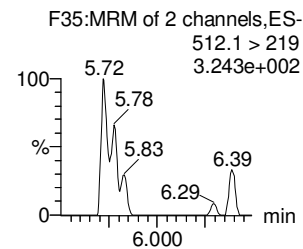
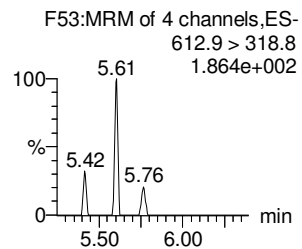
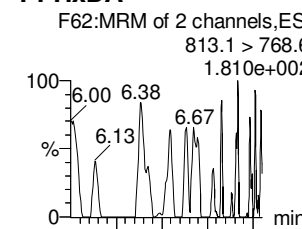
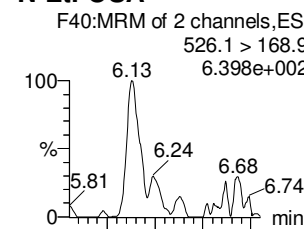
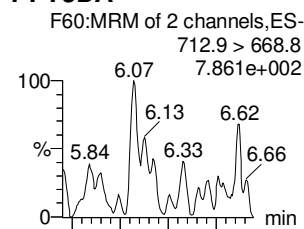
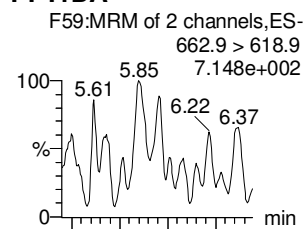
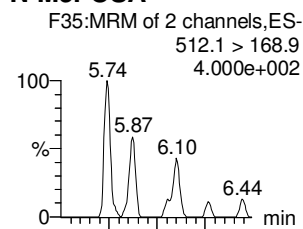
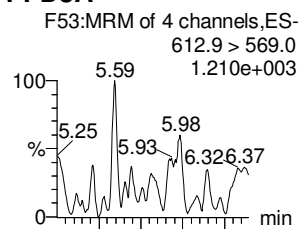
N-MeFOSA

PFTrDA

PFTeDA

N-EtFOSA

PFHxDA



13C2-PFDoA

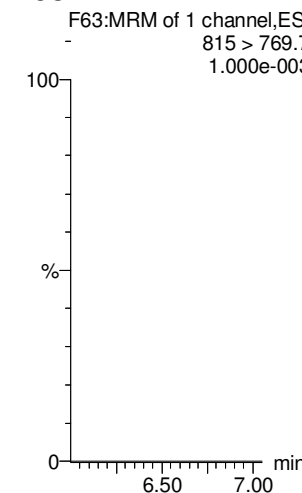
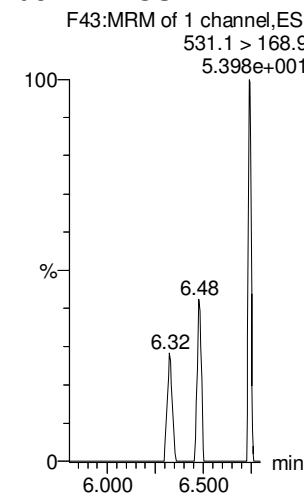
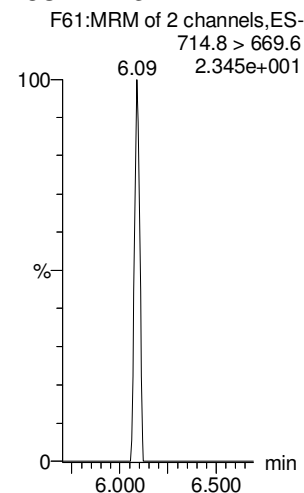
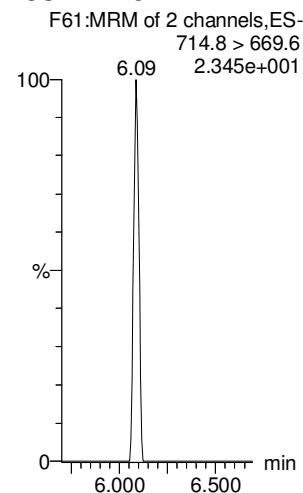
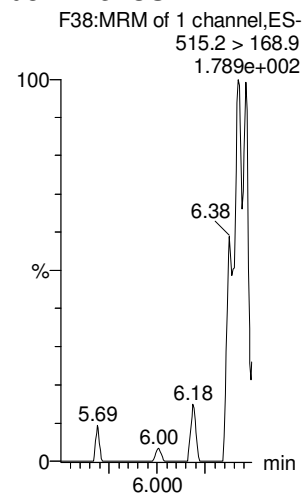
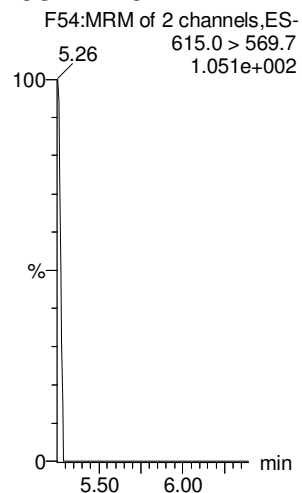
d3-N-MeFOSA

13C2-PFTeDA

13C2-PFTeDA

d5-N-ETFOSA

13C2-PFHxDA



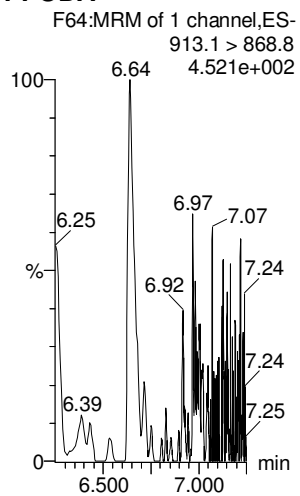
Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-12.qld

Last Altered: Tuesday, January 30, 2018 08:41:59 Pacific Standard Time

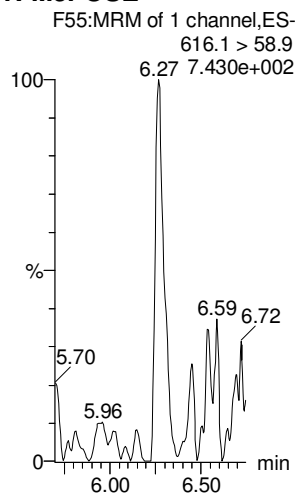
Printed: Tuesday, January 30, 2018 08:42:21 Pacific Standard Time

Name: 180129M1_12, Date: 29-Jan-2018, Time: 12:22:23, ID: IPA, Description: IPA

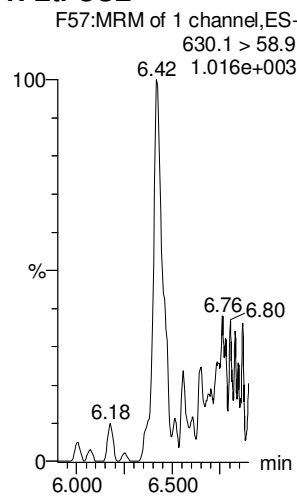
PFODA



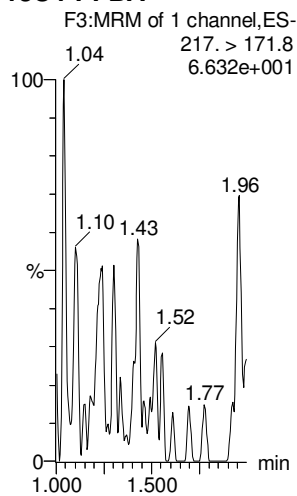
N-MeFOSE



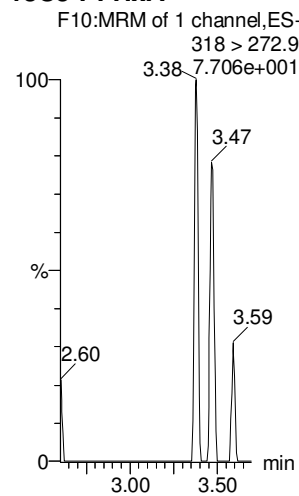
N-EtFOSE



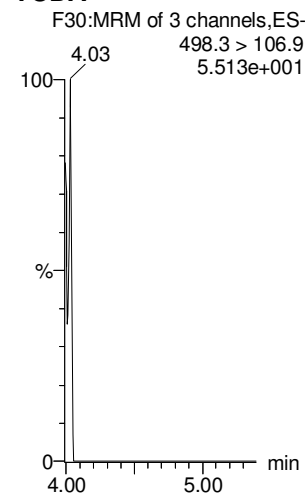
13C4-PFBA



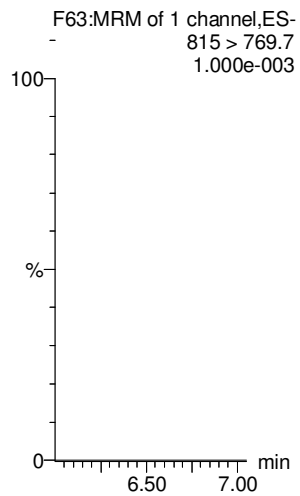
13C5-PFHxA



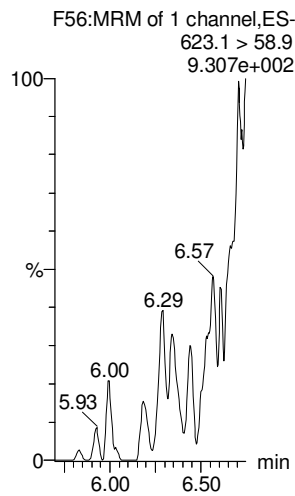
TCDA



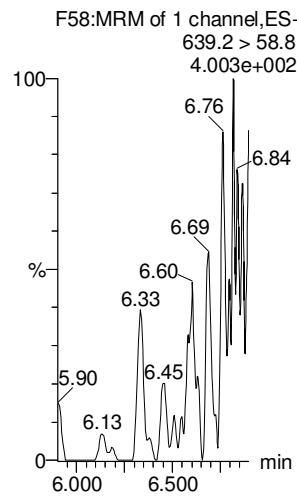
13C2-PFHxDA



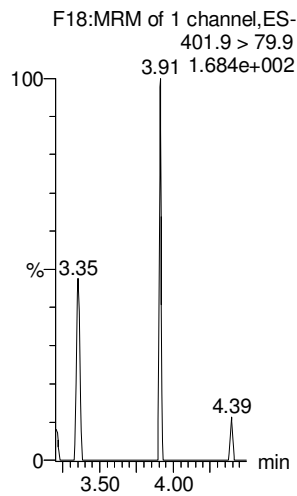
d7-N-MeFOSE



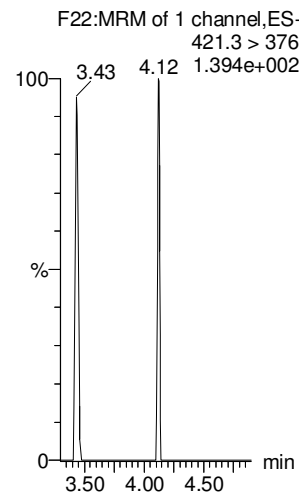
d9-N-EtFOSE



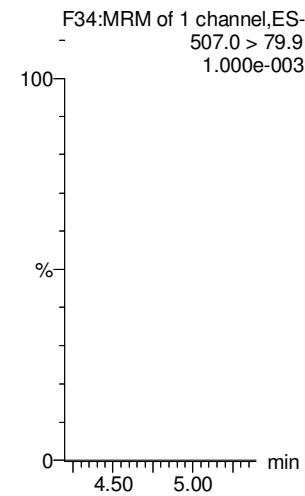
13C3-PFHxS



13C8-PFOA



13C8-PFOS



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-12.qld

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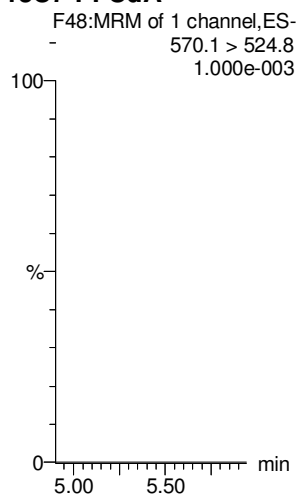
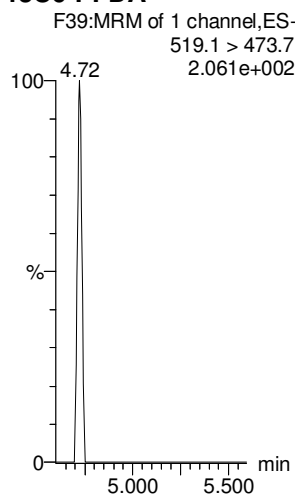
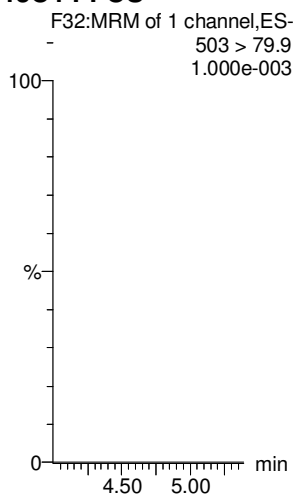
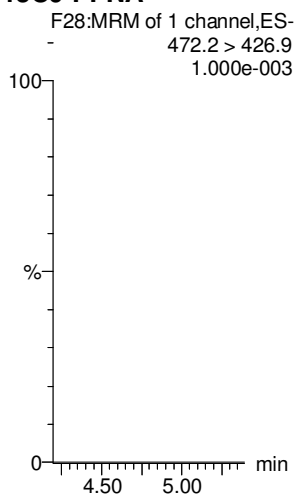
Name: 180129M1_12, Date: 29-Jan-2018, Time: 12:22:23, ID: IPA, Description: IPA

13C9-PFNA

13C4-PFOS

13C6-PFDA

13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-63.qld

Ⓟ PFTeDA > 130%

Last Altered: Tuesday, January 30, 2018 08:53:16 Pacific Standard Time
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 26 Jan 2018 09:01:53
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

AO
1/30/18

✓JA.
01/30/2018

Name: 180129M1_63, Date: 29-Jan-2018, Time: 22:08:01, ID: ST180129M1-13 PFC CS0 18A1906, Description: PFC CS0 18A1906

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
1	1 PFBA	213.0 > 168.8	1.30e3	1.37e4		1.29	1.39	1.19	1.05	104.9		NO
2	2 PFPeA	263.1 > 218.9	1.32e3	1.55e4		2.27	2.34	1.07	1.02	102.2		NO
3	3 PFBS	299.0 > 79.7	2.86e2	2.17e3		2.56	2.61	1.65	0.861	86.1		NO
4	4 PFHxA	313.2 > 268.9	1.59e3	4.56e3		3.05	3.11	1.74	1.09	108.7		NO
5	5 PFHpA	363.0 > 318.9	1.41e3	1.32e4		3.68	3.73	1.33	0.967	96.7		NO
6	6 L-PFHxS	398.9 > 79.6	2.19e2	1.47e3		3.80	3.87	1.86	1.06	105.8		NO
7	8 6:2 FTS	427.1 > 407	2.80e2	1.66e4		4.15	4.19	0.210	0.953	95.3		NO
8	9 L-PFOA	413 > 368.7	1.76e3	1.66e4		4.20	4.24	1.32	1.25	125.0		NO
9	11 PFHpS	449 > 80.0	4.26e2	4.02e3		4.30	4.35	1.33	1.23	123.5		NO
10	12 PFNA	463.0 > 418.8	1.93e3	1.67e4		4.65	4.67	1.44	1.10	110.2		NO
11	13 PFOSA	498.1 > 77.8	3.43e2	3.43e3		4.70	4.74	1.25	1.13	113.0		NO
12	14 L-PFOS	499 > 79.9	3.27e2	4.02e3		4.75	4.75	1.02	0.811	81.1		NO
13	16 PFDA	513 > 468.8	1.70e3	1.25e4		5.03	5.04	1.70	1.26	126.2		NO
14	17 8:2 FTS	527 > 506.9	3.74e2	1.25e4		5.00	5.01	0.373	1.02	102.2		NO
15	18 N-MeFOSAA	570.1 > 419	7.96e2	8.41e3		5.20	5.19	1.18	0.806	80.6		NO
16	19 N-EiFOSAA	584.2 > 419	6.09e2	7.02e3		5.30	5.35	1.09	1.03	103.4		NO
17	20 PFUdA	563.0 > 518.9	1.62e3	1.95e4		5.36	5.35	1.04	0.999	99.9		NO
18	21 PFDS	598.8 > 80	3.27e2	1.45e4		5.40	5.40	0.282	0.780	78.0		NO
19	22 PFDoA	612.9 > 569.0	1.87e3	1.45e4		5.65	5.64	1.62	1.12	111.6		NO
20	23 N-MeFOSA	512.1 > 168.9	7.85e2	2.03e4		5.70	5.79	5.81	5.22	104.5		NO
21	24 PFTrDA	662.9 > 618.9	1.72e3	1.45e4		5.90	5.88	1.48	0.867	86.7		NO
22	25 PFTeDA	712.9 > 668.8	1.08e3	4.67e3		6.12	6.09	2.89	1.34	134.2		YES Ⓟ
23	26 N-EiFOSA	526.1 > 168.9	9.98e2	3.13e4		6.12	6.17	4.79	4.91	98.2		NO
24	27 PFHxDA	813.1 > 768.6	4.94e2	4.52e3		6.46	6.43	0.546	0.953	95.3		NO
25	28 PFODA	913.1 > 868.8	7.35e2	4.52e3		6.70	6.66	0.812	1.03	103.3		NO
26	29 N-MeFOSE	616.1 > 58.9	1.02e3	2.37e4		6.31	6.30	6.45	5.77	115.5		NO
27	30 N-EiFOSE	630.1 > 58.9	1.10e3	2.76e4		6.45	6.45	5.96	4.72	94.5		NO
28	31 13C3-PFBA	216.1 > 171.8	1.37e4	1.49e4	0.861	1.30	1.39	11.5	13.4	107.2		NO
29	32 13C3-PFPeA	266. > 221.8	1.55e4	1.77e4	0.860	2.27	2.34	10.9	12.7	101.5		NO
30	33 13C3-PFBS	302. > 98.8	2.17e3	1.77e4	0.106	2.56	2.61	1.53	14.5	116.1		NO
31	Work Order 180129M1-63	315 > 269.8	4.56e3	1.77e4	0.705	3.05	3.11	3.22	4.57	91.5		NO

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-63.qld

Last Altered: Tuesday, January 30, 2018 08:53:16 Pacific Standard Time

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Name: 180129M1_63, Date: 29-Jan-2018, Time: 22:08:01, ID: ST180129M1-13 PFC CS0 18A1906, Description: PFC CS0 18A1906

	# Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out
32	35 13C4-PFHpA	367.2 > 321.8	1.32e4	1.77e4	0.688	3.68	3.73	9.31	13.5	108.4	NO
33	36 18O2-PFHxS	403.0 > 102.6	1.47e3	4.47e3	0.348	3.80	3.87	4.12	11.8	94.7	NO
34	37 13C2-6:2 FTS	429.1 > 408.9	4.14e3	1.64e4	0.238	4.15	4.18	3.15	13.2	105.7	NO
35	38 13C2-PFOA	414.9 > 369.7	1.66e4	1.64e4	1.190	4.20	4.24	12.7	10.6	85.2	NO
36	39 13C5-PFNA	468.2 > 422.9	1.67e4	1.57e4	0.999	4.65	4.67	13.3	13.3	106.8	NO
37	40 13C8-PFOSA	506.1 > 77.7	3.43e3	2.13e4	0.211	4.70	4.74	2.01	9.51	76.1	NO
38	41 13C8-PFOS	507.0 > 79.9	4.02e3	4.49e3	0.957	4.75	4.75	11.2	11.7	93.6	NO
39	42 13C2-PFDA	515.1 > 469.9	1.25e4	1.23e4	0.965	5.03	5.04	12.7	13.2	105.6	NO
40	43 13C2-8:2 FTS	529.1 > 508.7	3.29e3	1.77e4	0.162	5.00	5.01	2.32	14.3	114.5	NO
41	44 d3-N-MeFOSAA	573.3 > 419	8.41e3	2.13e4	0.398	5.20	5.18	4.93	12.4	99.2	NO
42	45 d5-N-EtFOSAA	589.3 > 419	7.02e3	2.13e4	0.435	5.30	5.34	4.11	9.46	75.7	NO
43	46 13C2-PFUdA	565 > 519.8	1.95e4	2.13e4	1.057	5.36	5.36	11.4	10.8	86.4	NO
44	47 13C2-PFDoA	615.0 > 569.7	1.45e4	2.13e4	0.851	5.65	5.64	8.49	9.97	79.8	NO
45	48 d3-N-MeFOSA	515.2 > 168.9	2.03e4	2.13e4	0.098	5.70	5.82	11.9	122	81.2	NO
46	49 13C2-PFTeDA	714.8 > 669.6	4.67e3	2.13e4	0.403	6.12	6.09	2.74	6.79	54.4	NO
47	50 d5-N-ETFOSA	531.1 > 168.9	3.13e4	2.13e4	0.149	6.25	6.18	18.3	123	82.3	NO
48	51 13C2-PFHxDA	815 > 769.7	4.52e3	2.13e4	0.745	6.46	6.42	2.65	3.56	71.2	NO
49	52 d7-N-MeFOSE	623.1 > 58.9	2.37e4	2.13e4	0.118	6.31	6.29	13.9	118	78.8	NO
50	53 d9-N-EtFOSE	639.2 > 58.8	2.76e4	2.13e4	0.115	6.12	6.44	16.2	141	94.0	NO
51	54 13C4-PFBA	217. > 171.8	1.49e4	1.49e4	1.000	1.30	1.39	12.5	12.5	100.0	NO
52	55 13C5-PFHxA	318 > 272.9	1.77e4	1.77e4	1.000	3.05	3.11	12.5	12.5	100.0	NO
53	56 13C3-PFHxS	401.9 > 79.9	4.47e3	4.47e3	1.000	3.80	3.87	12.5	12.5	100.0	NO
54	57 13C8-PFOA	421.3 > 376	1.64e4	1.64e4	1.000	4.20	4.24	12.5	12.5	100.0	NO
55	58 13C9-PFNA	472.2 > 426.9	1.57e4	1.57e4	1.000	4.65	4.67	12.5	12.5	100.0	NO
56	59 13C4-PFOS	503 > 79.9	4.49e3	4.49e3	1.000	4.60	4.75	12.5	12.5	100.0	NO
57	60 13C6-PFDA	519.1 > 473.7	1.23e4	1.23e4	1.000	5.03	5.04	12.5	12.5	100.0	NO
58	61 13C7-PFUdA	570.1 > 524.8	2.13e4	2.13e4	1.000	5.36	5.36	12.5	12.5	100.0	NO

Dataset: Untitled

Last Altered: Tuesday, January 30, 2018 10:51:19 Pacific Standard Time

Printed: Tuesday, January 30, 2018 10:52:40 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 26 Jan 2018 09:01:53

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180129M1_1	IPA	29-Jan-18	10:16:04
2	180129M1_2	ST180129M1-1 PFC CS-2 18A1904	29-Jan-18	10:27:35
3	180129M1_3	ST180129M1-2 PFC CS-1 18A1905	29-Jan-18	10:39:02
4	180129M1_4	ST180129M1-3 PFC CS0 18A1906	29-Jan-18	10:50:31
5	180129M1_5	ST180129M1-4 PFC CS1 18A1907	29-Jan-18	11:02:00
6	180129M1_6	ST180129M1-5 PFC CS2 18A1908	29-Jan-18	11:13:30
7	180129M1_7	ST180129M1-6 PFC CS3 18A1909	29-Jan-18	11:24:59
8	180129M1_8	ST180129M1-7 PFC CS4 18A1910	29-Jan-18	11:36:29
9	180129M1_9	ST180129M1-8 PFC CS5 18A1911	29-Jan-18	11:47:59
10	180129M1_10	ST180129M1-9 PFC CS6 18A2403	29-Jan-18	11:59:26
11	180129M1_11	ST180129M1-10 PFC CS7 18A2404	29-Jan-18	12:10:56
12	180129M1_12	IPA	29-Jan-18	12:22:23
13	180129M1_13	ICV180129M1-1 PFC ICV 18A1903	29-Jan-18	12:33:53
14	180129M1_14	IPA	29-Jan-18	12:45:23
15	180129M1_15	B8A0103-BS1 OPR 0.25	29-Jan-18	12:56:54
16	180129M1_16	IPA	29-Jan-18	13:08:19
17	180129M1_17	B8A0103-BLK1 Method Blank 0.25	29-Jan-18	13:19:46
18	180129M1_18	1800092-01 WT1801101415AB 0.25828	29-Jan-18	13:31:15
19	180129M1_19	1800092-02 WT1801101430AB 0.25737	29-Jan-18	13:42:44
20	180129M1_20	1800092-03 WR1801101500AB 0.256	29-Jan-18	13:54:15
21	180129M1_21	1800092-04 WT1801101440AB 0.25087	29-Jan-18	14:05:41
22	180129M1_22	1800092-05 WR1801101525AB 0.25614	29-Jan-18	14:17:11
23	180129M1_23	1800092-06 WT1801101545AB 0.25622	29-Jan-18	14:28:41
24	180129M1_24	1800092-07 WT1801101605AB 0.2499	29-Jan-18	14:40:11
25	180129M1_25	1800092-08 WT1801101620AB 0.25498	29-Jan-18	14:51:41
26	180129M1_26	1800092-09 WT1801101635AB 0.25384	29-Jan-18	15:03:11
27	180129M1_27	1800092-10 WT1801110810AB 0.25852	29-Jan-18	15:14:40
28	180129M1_28	IPA	29-Jan-18	15:26:09
29	180129M1_29	ST180129M1-11 PFC CS3 18A1909	29-Jan-18	15:37:39
30	180129M1_30	IPA	29-Jan-18	15:49:08
31	180129M1_31	1800092-11 WT1801110820AB 0.25871	29-Jan-18	16:00:38

Dataset: Untitled

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Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
32	180129M1_32	1800092-12 WT1801110830AB 0.25794	29-Jan-18	16:12:08
33	180129M1_33	1800092-13 WR1801110905AB 0.24937	29-Jan-18	16:23:36
34	180129M1_34	1800092-14 WT1801110925AB 0.2499	29-Jan-18	16:35:05
35	180129M1_35	1800092-15 WT1801110930AB 0.24861	29-Jan-18	16:46:34
36	180129M1_36	1800092-16 FB1801110935AB 0.24833	29-Jan-18	16:58:04
37	180129M1_37	1800092-17 WR1801110955AB 0.25343	29-Jan-18	17:09:32
38	180129M1_38	1800092-18 WT1801111030AB 0.25343	29-Jan-18	17:21:01
39	180129M1_39	1800092-19 WT1801111055AB 0.25311	29-Jan-18	17:32:30
40	180129M1_40	1800092-20 WR1801111105AB 0.25268	29-Jan-18	17:44:00
41	180129M1_41	IPA	29-Jan-18	17:55:29
42	180129M1_42	ST180129M1-12 PFC CS3 18A1909	29-Jan-18	18:07:00
43	180129M1_43	IPA	29-Jan-18	18:18:29
44	180129M1_44	B8A0163-BS1 OPR 0.25	29-Jan-18	18:30:02
45	180129M1_45	B8A0163-BLK1 Method Blank 0.25	29-Jan-18	18:41:26
46	180129M1_46	B8A0163-MS1 Matrix Spike 0.11727	29-Jan-18	18:52:53
47	180129M1_47	B8A0163-MSD1 Matrix Spike Dup 0.11919	29-Jan-18	19:04:22
48	180129M1_48	1800153-11RE1 FT-FRB02-20180117 0.22638	29-Jan-18	19:15:52
49	180129M1_49	1800184-01 REEPDW129FRB 0.11583	29-Jan-18	19:27:21
50	180129M1_50	1800184-02 REEPDW130FRB 0.11966	29-Jan-18	19:38:51
51	180129M1_51	1800184-03 REEPDW131FRB 0.11947	29-Jan-18	19:50:20
52	180129M1_52	1800188-01 REEPDW132FRB 0.11996	29-Jan-18	20:01:42
53	180129M1_53	1800188-02 REEPDW133FRB 0.11579	29-Jan-18	20:13:09
54	180129M1_54	1800188-03 REEPDW134FRB 0.11795	29-Jan-18	20:24:39
55	180129M1_55	1800204-01 REEPDW135 0.12126	29-Jan-18	20:36:09
56	180129M1_56	1800204-02 REEPDW136 0.1177	29-Jan-18	20:47:38
57	180129M1_57	1800204-03 REEPDW137 0.11904	29-Jan-18	20:59:07
58	180129M1_58	1800204-04 REEPDW138 0.11522	29-Jan-18	21:10:36
59	180129M1_59	1800204-05 REEPDW139 0.12116	29-Jan-18	21:22:06
60	180129M1_60	1800204-06 REEPDW140 0.11819	29-Jan-18	21:33:35
61	180129M1_61	1800204-07 REEPDW513 0.11719	29-Jan-18	21:45:05
62	180129M1_62	IPA	29-Jan-18	21:56:35
63	180129M1_63	ST180129M1-13 PFC CS0 18A1906	29-Jan-18	22:08:01
64	180129M1_64	IPA	29-Jan-18	22:19:28
65	180129M1_65	1800206-01 REEPDW135FRB 0.11858	29-Jan-18	22:30:57

Dataset: Untitled

Last Altered: Tuesday, January 30, 2018 10:51:19 Pacific Standard Time

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Compound name: PFBA

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66	180129M1_66	1800206-02 REEPDW136FRB 0.1192	29-Jan-18 22:42:22
67	180129M1_67	1800206-03 REEPDW137FRB 0.11978	29-Jan-18 22:53:49
68	180129M1_68	1800206-04 REEPDW138FRB 0.11956	29-Jan-18 23:05:16
69	180129M1_69	1800206-05 REEPDW139FRB 0.12003	29-Jan-18 23:16:42
70	180129M1_70	1800206-06 REEPDW140FRB 0.11974	29-Jan-18 23:28:09
71	180129M1_71	B8A0115-BS1 OPR 0.25	29-Jan-18 23:39:38
72	180129M1_72	B8A0115-BLK1 Method Blank 0.25	29-Jan-18 23:51:05
73	180129M1_73	B8A0115-MS1@10X Matrix Spike 0.25673	30-Jan-18 00:02:35
74	180129M1_74	B8A0115-MSD1@10X Matrix Spike Dup 0.25042	30-Jan-18 00:14:01
75	180129M1_75	1800121-01 SB01-20180115 0.28035	30-Jan-18 00:25:28
76	180129M1_76	1800121-02 EB01-20180115 0.25066	30-Jan-18 00:36:55
77	180129M1_77	1800121-03 IRSite5-GW-05W07-20180115 0.2...	30-Jan-18 00:48:22
78	180129M1_78	1800121-04@10X IRSite5-GW-05W06-201801...	30-Jan-18 00:59:53
79	180129M1_79	1800121-05 IRSite5-GW-05W08-20180115 0.2...	30-Jan-18 01:11:23
80	180129M1_80	1800121-06 IRSite5-GW-05W01-20180115 0.2...	30-Jan-18 01:22:50
81	180129M1_81	1800121-07@10X IRSite5-GW-05W03-201801...	30-Jan-18 01:34:19
82	180129M1_82	1800121-08@10 UXOSite14-GW-DPW79A-201...	30-Jan-18 01:45:46
83	180129M1_83	1800121-09 UXOSite14-GW-DPW78A-2018011...	30-Jan-18 01:57:16
84	180129M1_84	1800121-10@10 UXOSite14-GW-DPW77A-201...	30-Jan-18 02:08:46
85	180129M1_85	1800121-11@10X IRSite1-GW-01W48A -20180...	30-Jan-18 02:20:12
86	180129M1_86	IPA	30-Jan-18 02:31:42
87	180129M1_87	ST180129M1-14 PFC CS3 18A1909	30-Jan-18 02:43:12
88	180129M1_88	IPA	30-Jan-18 02:54:41
89	180129M1_89	1800121-12@10X IRSite1-GW-01W49A- 20180...	30-Jan-18 03:06:11
90	180129M1_90	1800121-13@10X IRSite1-GW-01W13A- 20180...	30-Jan-18 03:17:40
91	180129M1_91	1800121-14@10X DUP01-20180115 0.26578	30-Jan-18 03:29:09
92	180129M1_92	1800132-14 PITTS-EB-011118-1400 0.12081	30-Jan-18 03:40:38
93	180129M1_93	B8A0121-BS1 OPR 0.25	30-Jan-18 03:52:08
94	180129M1_94	B8A0121-BLK1 Method Blank 0.25	30-Jan-18 04:03:37
95	180129M1_95	1800135-01 WR1801160935CKA 0.25655	30-Jan-18 04:15:07
96	180129M1_96	1800135-02 WIRR1801161015CKA 0.25732	30-Jan-18 04:26:37
97	180129M1_97	1800135-03 FBIRR1801161015CKA 0.25954	30-Jan-18 04:38:04
98	180129M1_98	1800138-01 GW1216180115RAP 0.25133	30-Jan-18 04:49:30
99	180129M1_99	1800138-02 GW2226180115RAP 0.25969	30-Jan-18 05:00:57

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Compound name: PFBA

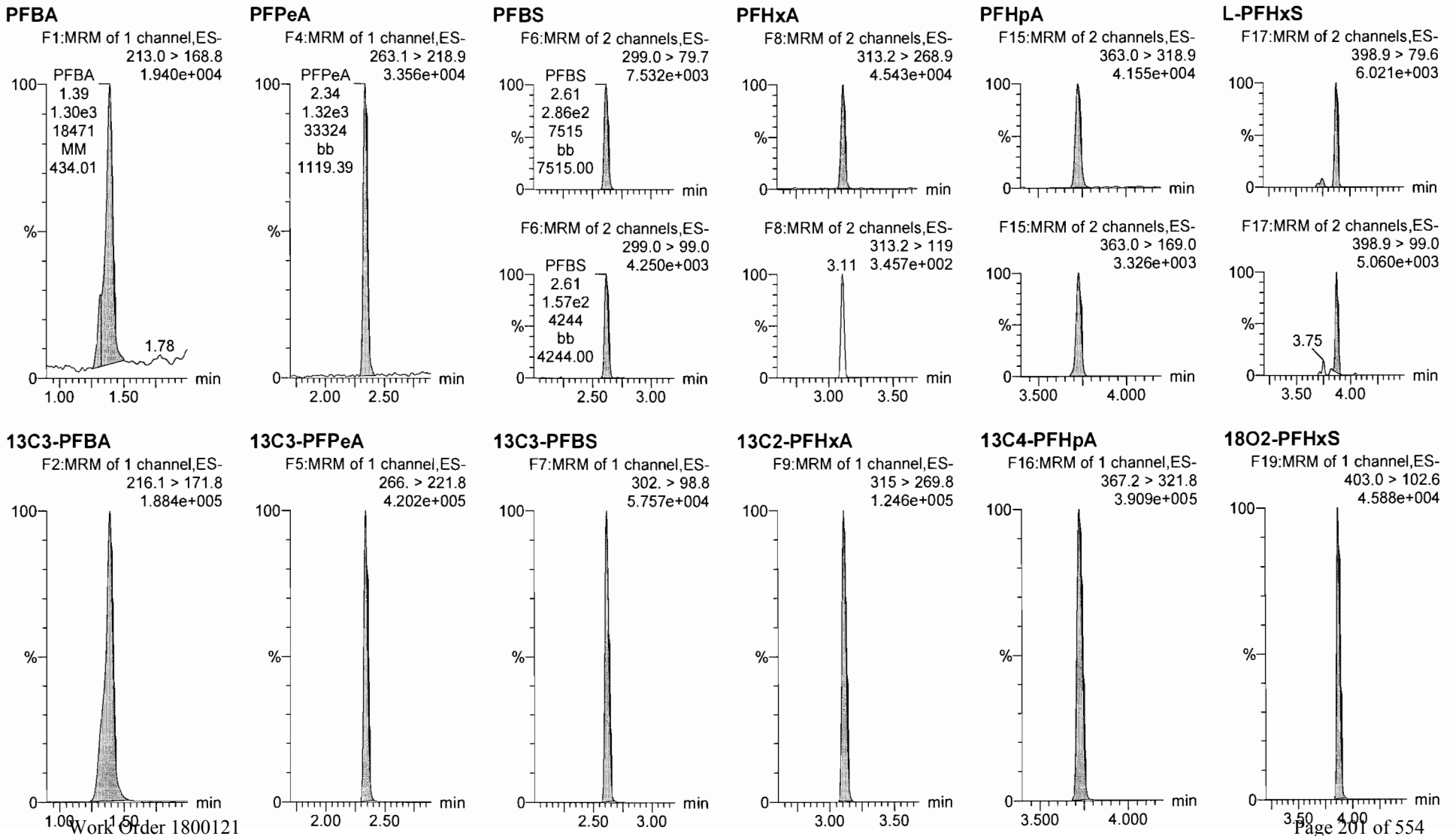
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100	180129M1_100	1800138-03 GW3236180115RAP 0.26041	30-Jan-18	05:12:26
101	180129M1_101	1800138-04 GW4246180116RAP 0.25265	30-Jan-18	05:23:53
102	180129M1_102	IPA	30-Jan-18	05:35:22
103	180129M1_103	ST180129M1-15 PFC CS3 18A1909	30-Jan-18	05:46:51
104	180129M1_104	IPA	30-Jan-18	05:58:22
105	180129M1_105	1800138-05 GW1418180116RAP 0.25524	30-Jan-18	06:09:48
106	180129M1_106	1800138-06 GW2428180117RAP 0.25562	30-Jan-18	06:21:18
107	180129M1_107	1800138-07 GW3438180117RAP 0.25554	30-Jan-18	06:32:47
108	180129M1_108	1800138-08 GW4347180117RAP 0.25876	30-Jan-18	06:44:13
109	180129M1_109	1800138-09 GW5458180118RAP 0.25739	30-Jan-18	06:55:43
110	180129M1_110	B8A0073-BS1 OPR 0.25	30-Jan-18	07:07:13
111	180129M1_111	B8A0073-BLK1 Method Blank 0.25	30-Jan-18	07:18:43
112	180129M1_112	1800050-01 MTBE_7248 0.26646	30-Jan-18	07:30:09
113	180129M1_113	1800050-02 MTBE_7249 0.25952	30-Jan-18	07:41:39
114	180129M1_114	1800050-03 MTBE_7250 0.26018	30-Jan-18	07:53:09
115	180129M1_115	1800051-01 MTBE_9019 0.25962	30-Jan-18	08:04:38
116	180129M1_116	1800052-01 MTBE_7251 0.25582	30-Jan-18	08:16:08
117	180129M1_117	1800053-01 S86637.01 0.11791	30-Jan-18	08:27:37
118	180129M1_118	1800054-01 WR1801081300JLB 0.26088	30-Jan-18	08:39:07
119	180129M1_119	1800054-02 WR1801081330JLB 0.26103	30-Jan-18	08:50:37
120	180129M1_120	IPA	30-Jan-18	09:02:07
121	180129M1_121	ST180129M1-16 PFC CS3 18A1909	30-Jan-18	09:13:37
122	180129M1_122	IPA	30-Jan-18	09:25:05

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-63.qld

Last Altered: Tuesday, January 30, 2018 08:53:16 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:53:23 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 26 Jan 2018 09:01:53
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

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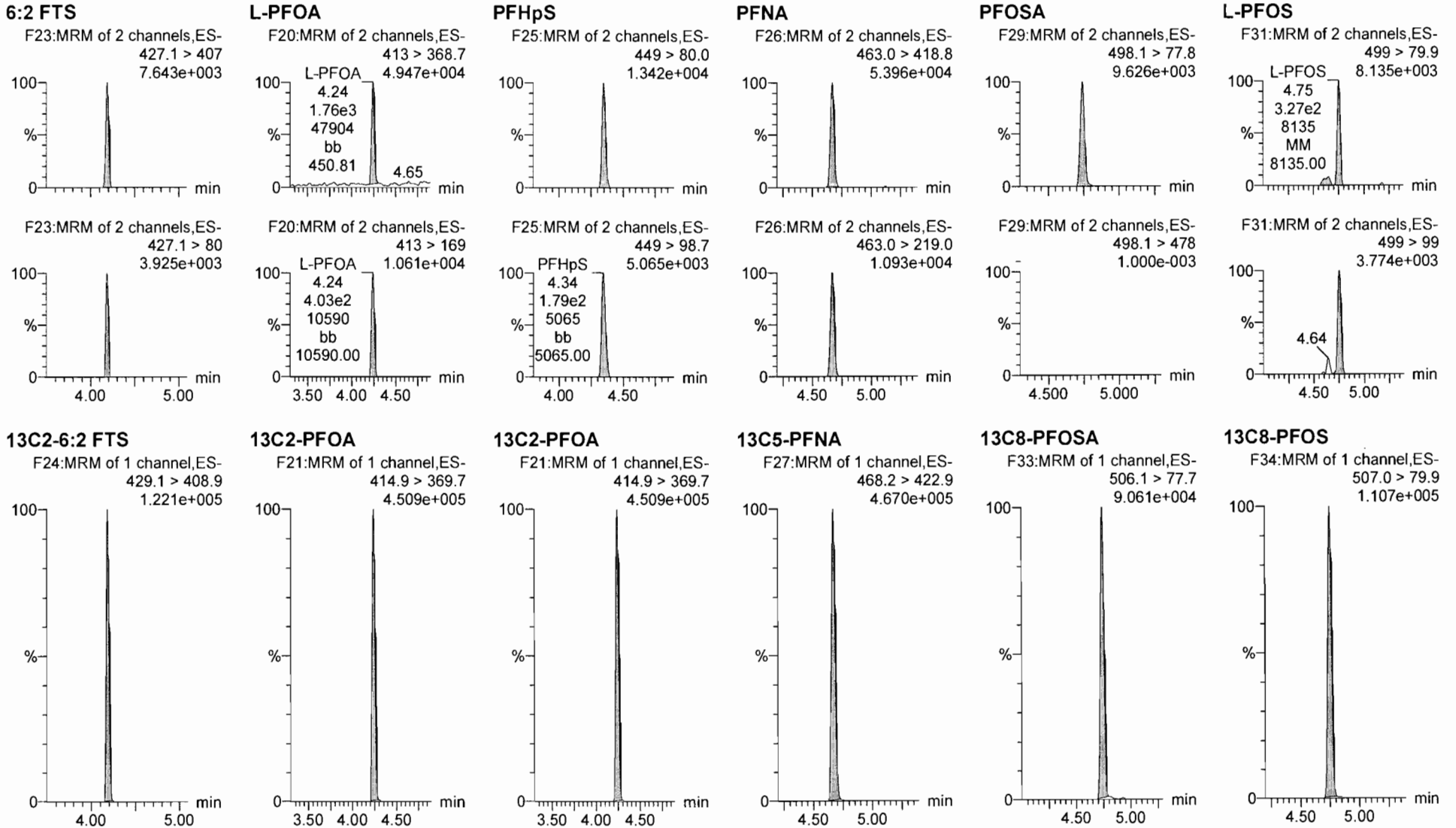


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Printed: Tuesday, January 30, 2018 08:53:23 Pacific Standard Time

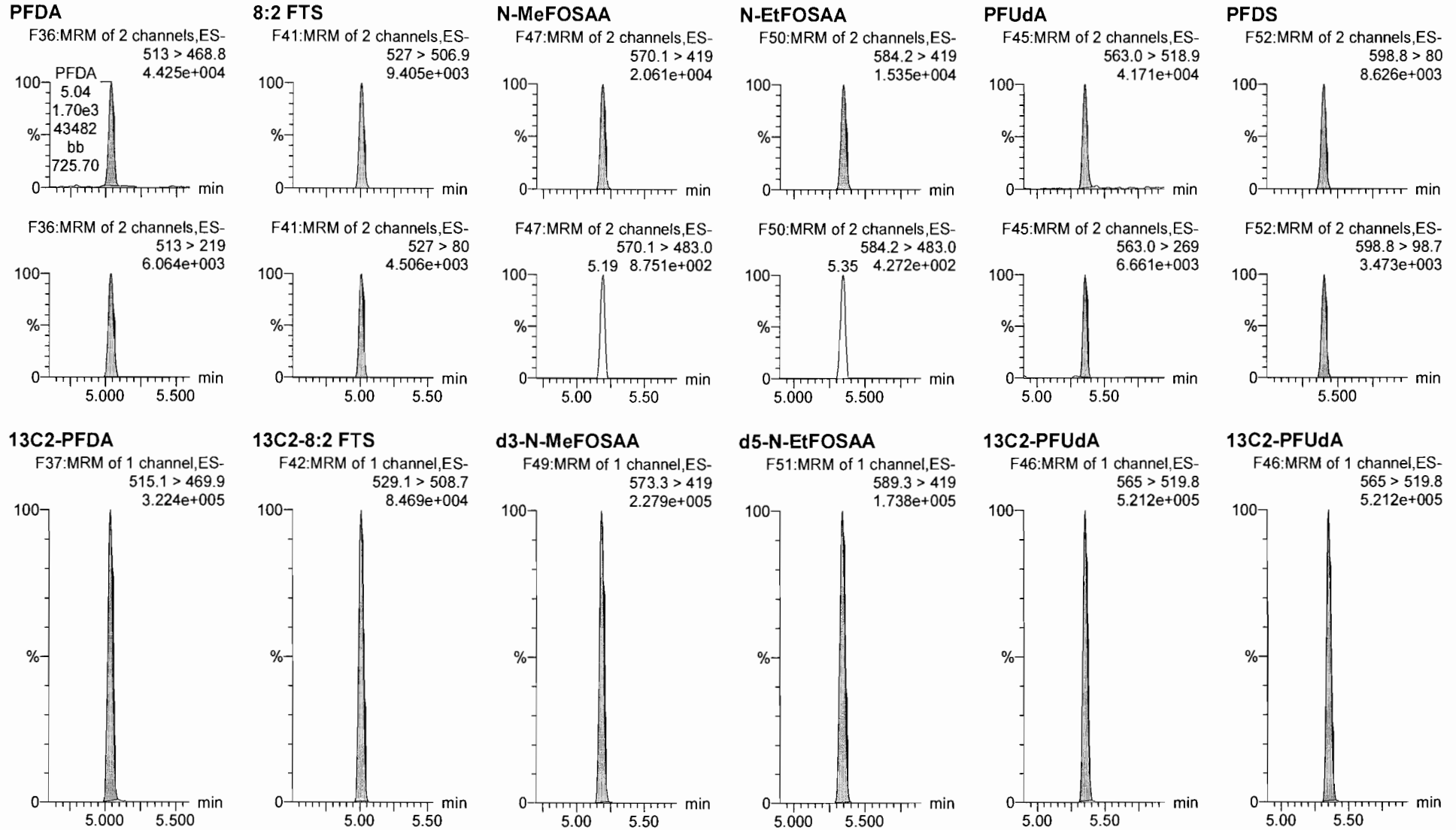
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Last Altered: Tuesday, January 30, 2018 08:53:16 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:53:23 Pacific Standard Time

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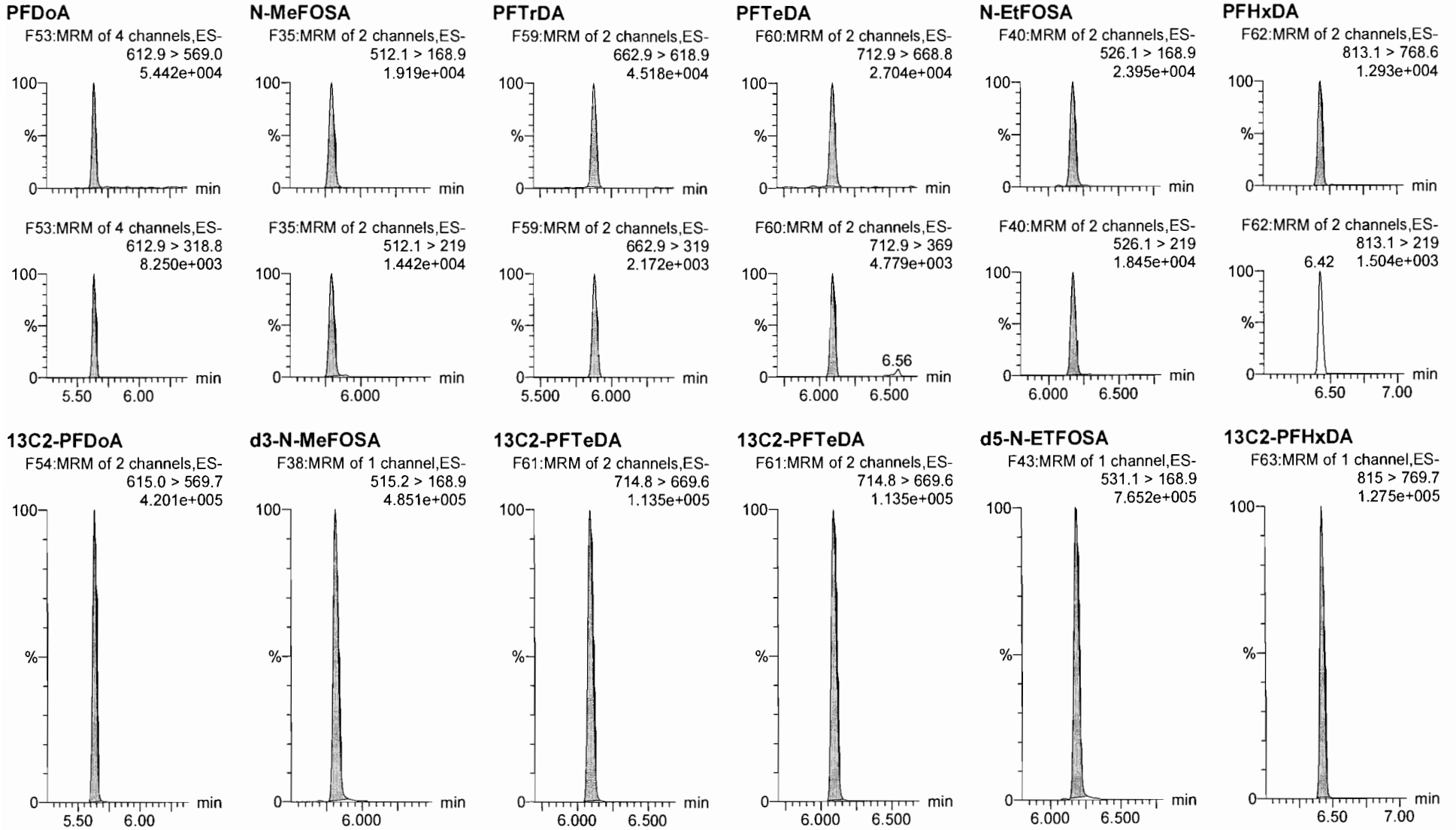


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Printed: Tuesday, January 30, 2018 08:53:23 Pacific Standard Time

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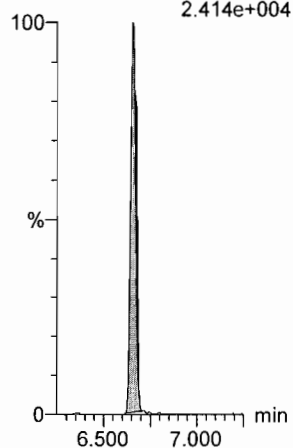
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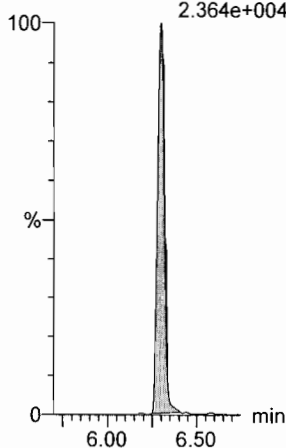
PFODA

F64:MRM of 1 channel,ES-
913.1 > 868.8
2.414e+004



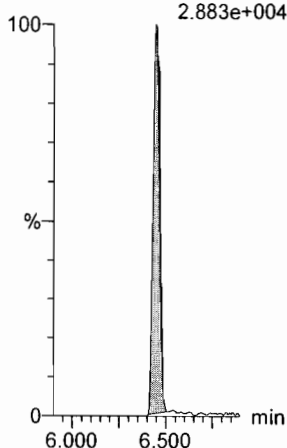
N-MeFOSE

F55:MRM of 1 channel,ES-
616.1 > 58.9
2.364e+004



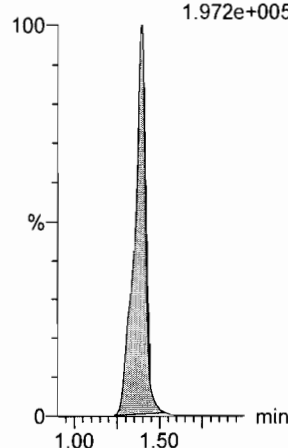
N-EtFOSE

F57:MRM of 1 channel,ES-
630.1 > 58.9
2.883e+004



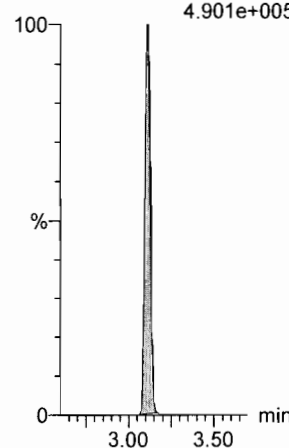
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.972e+005



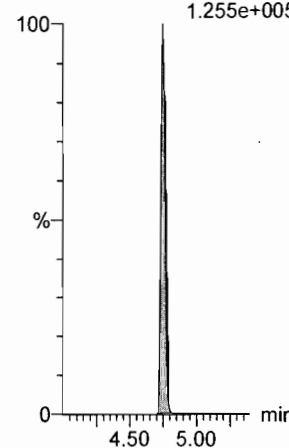
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
4.901e+005



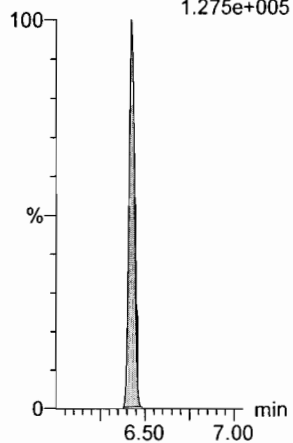
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
1.255e+005



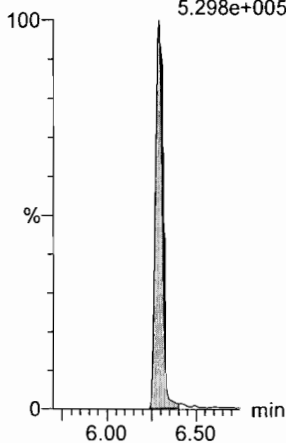
13C2-PFHxDA

F63:MRM of 1 channel,ES-
815 > 769.7
1.275e+005



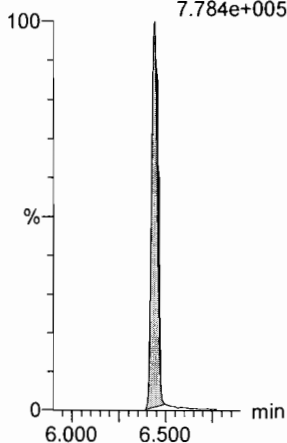
d7-N-MeFOSE

F56:MRM of 1 channel,ES-
623.1 > 58.9
5.298e+005



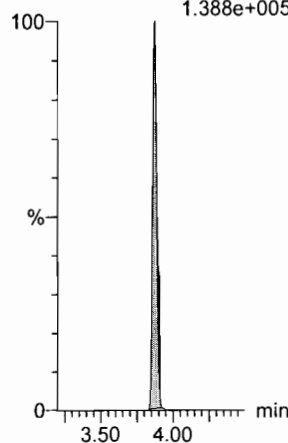
d9-N-EtFOSE

F58:MRM of 1 channel,ES-
639.2 > 58.8
7.784e+005



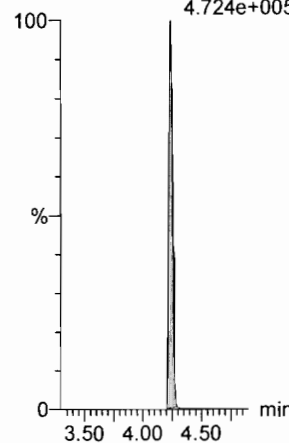
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
1.388e+005



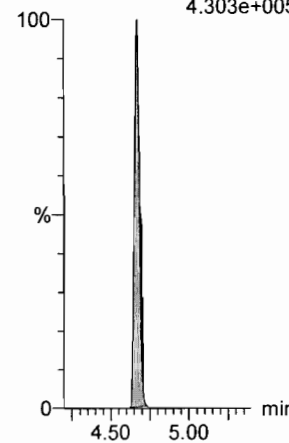
13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
4.724e+005



13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
4.303e+005



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-63.qld

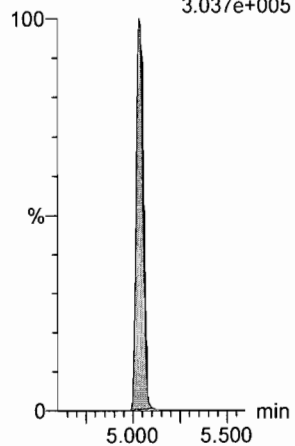
Last Altered: Tuesday, January 30, 2018 08:53:16 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:53:23 Pacific Standard Time

Name: 180129M1_63, Date: 29-Jan-2018, Time: 22:08:01, ID: ST180129M1-13 PFC CS0 18A1906, Description: PFC CS0 18A1906

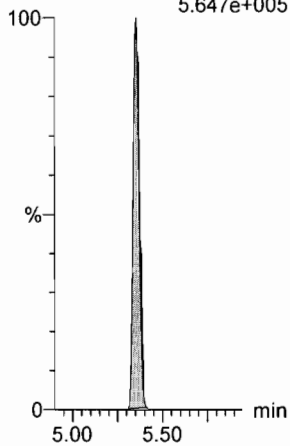
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
3.037e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8
5.647e+005



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-87.qld

Last Altered: Tuesday, January 30, 2018 08:55:06 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:55:35 Pacific Standard Time

Ⓐ PFUDA, PFTeDA, PFODA
> 130%

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 26 Jan 2018 09:01:53

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:55:06

Name: 180129M1_87, Date: 30-Jan-2018, Time: 02:43:12, ID: ST180129M1-14 PFC CS3 18A1909, Description: PFC CS3 18A1909

AC
1/30/18

Y/A
01/30/2018

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
1	1 PFBA	213.0 > 168.8	1.51e4	1.54e4		1.29	1.40	12.3	10.4	103.6	NO	
2	2 PFPeA	263.1 > 218.9	1.55e4	1.78e4		2.27	2.35	10.9	11.2	111.7	NO	
3	3 PFBS	299.0 > 79.7	3.13e3	2.20e3		2.56	2.62	17.8	9.64	96.4	NO	
4	4 PFHxA	313.2 > 268.9	1.89e4	5.81e3		3.05	3.12	16.2	10.8	108.4	NO	
5	5 PFHpA	363.0 > 318.9	1.59e4	1.49e4		3.68	3.73	13.3	10.6	106.1	NO	
6	6 L-PFHxS	398.9 > 79.6	2.45e3	1.75e3		3.80	3.88	17.6	9.84	98.4	NO	
7	8 6:2 FTS	427.1 > 407	3.90e3	2.05e4		4.15	4.19	2.38	10.4	104.4	NO	
8	9 L-PFOA	413 > 368.7	1.75e4	2.05e4		4.20	4.24	10.7	10.7	107.3	NO	
9	11 PFHpS	449 > 80.0	4.08e3	4.68e3		4.30	4.35	10.9	9.89	98.9	NO	
10	12 PFNA	463.0 > 418.8	1.67e4	1.82e4		4.65	4.67	11.5	8.65	86.5	NO	
11	13 PFOSA	498.1 > 77.8	4.05e3	4.47e3		4.70	4.74	11.3	10.6	105.8	NO	
12	14 L-PFOS	499 > 79.9	3.98e3	4.68e3		4.75	4.75	10.6	10.5	104.7	NO	
13	16 PFDA	513 > 468.8	2.25e4	1.73e4		5.03	5.04	16.2	12.6	125.9	NO	
14	17 8:2 FTS	527 > 506.9	4.56e3	1.73e4		5.00	5.01	3.29	11.7	117.4	NO	
15	18 N-MeFOSAA	570.1 > 419	9.43e3	8.52e3		5.20	5.19	13.8	11.0	109.6	NO	
16	19 N-EtFOSAA	584.2 > 419	8.70e3	8.84e3		5.30	5.35	12.3	11.7	116.7	NO	
17	20 PFUDA	563.0 > 518.9	1.67e4	1.68e4		5.36	5.36	12.4	13.7	137.4	YES	Ⓐ
18	21 PFDS	598.8 > 80	4.41e3	1.86e4		5.40	5.41	2.96	8.79	87.9	NO	
19	22 PFDoA	612.9 > 569.0	2.17e4	1.86e4		5.65	5.64	14.6	10.4	104.4	NO	
20	23 N-MeFOSA	512.1 > 168.9	8.40e3	2.24e4		5.70	5.80	56.2	51.7	103.4	NO	
21	24 PFTrDA	662.9 > 618.9	2.11e4	1.86e4		5.90	5.88	14.2	8.55	85.5	NO	
22	25 PFTeDA	712.9 > 668.8	1.44e4	6.21e3		6.12	6.09	29.0	14.5	144.9	YES	Ⓐ
23	26 N-EtFOSA	526.1 > 168.9	1.11e4	3.58e4		6.12	6.18	46.4	50.0	99.9	NO	
24	27 PFHxDA	813.1 > 768.6	5.59e3	3.92e3		6.46	6.43	7.14	10.2	102.4	NO	
25	28 PFODA	913.1 > 868.8	8.91e3	3.92e3		6.70	6.66	11.4	15.0	150.1	YES	Ⓐ
26	29 N-MeFOSE	616.1 > 58.9	9.95e3	2.87e4		6.31	6.30	51.9	50.0	100.0	NO	
27	30 N-EtFOSE	630.1 > 58.9	1.21e4	3.04e4		6.45	6.45	59.7	49.8	99.6	NO	
28	31 13C3-PFBA	216.1 > 171.8	1.54e4	1.75e4	0.861	1.30	1.40	11.0	12.7	101.9	NO	
29	32 13C3-PFPeA	266. > 221.8	1.78e4	2.05e4	0.860	2.27	2.35	10.8	12.6	100.6	NO	
30	33 13C3-PFBS	302. > 98.8	2.20e3	2.05e4	0.106	2.56	2.62	1.34	12.7	101.4	NO	
31	Work Order 180129M1	315 > 269.8	5.81e3	2.05e4	0.705	3.05	3.11	3.54	5.02	100.3	NO	

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-87.qld

Last Altered: Tuesday, January 30, 2018 08:55:06 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:55:35 Pacific Standard Time

Name: 180129M1_87, Date: 30-Jan-2018, Time: 02:43:12, ID: ST180129M1-14 PFC CS3 18A1909, Description: PFC CS3 18A1909

	# Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out
32	35 13C4-PFHpA	367.2 > 321.8	1.49e4	2.05e4	0.688	3.68	3.73	9.09	13.2	105.7	NO
33	36 18O2-PFHxS	403.0 > 102.6	1.75e3	4.94e3	0.348	3.80	3.88	4.42	12.7	101.6	NO
34	37 13C2-6:2 FTS	429.1 > 408.9	4.54e3	1.78e4	0.238	4.15	4.19	3.19	13.4	107.3	NO
35	38 13C2-PFOA	414.9 > 369.7	2.05e4	1.78e4	1.190	4.20	4.24	14.4	12.1	96.9	NO
36	39 13C5-PFNA	468.2 > 422.9	1.82e4	2.09e4	0.999	4.65	4.67	10.9	10.9	87.2	NO
37	40 13C8-PFOSA	506.1 > 77.7	4.47e3	2.12e4	0.211	4.70	4.74	2.64	12.5	100.1	NO
38	41 13C8-PFOS	507.0 > 79.9	4.68e3	4.90e3	0.957	4.75	4.75	11.9	12.5	99.9	NO
39	42 13C2-PFDA	515.1 > 469.9	1.73e4	1.73e4	0.965	5.03	5.04	12.5	13.0	103.6	NO
40	43 13C2-8:2 FTS	529.1 > 508.7	3.23e3	2.05e4	0.162	5.00	5.01	1.96	12.1	96.9	NO
41	44 d3-N-MeFOSAA	573.3 > 419	8.52e3	2.12e4	0.398	5.20	5.18	5.04	12.7	101.3	NO
42	45 d5-N-EtFOSAA	589.3 > 419	8.84e3	2.12e4	0.435	5.30	5.34	5.22	12.0	96.0	NO
43	46 13C2-PFUdA	565 > 519.8	1.68e4	2.12e4	1.057	5.36	5.36	9.91	9.38	75.0	NO
44	47 13C2-PFDoA	615.0 > 569.7	1.86e4	2.12e4	0.851	5.65	5.64	11.0	12.9	103.6	NO
45	48 d3-N-MeFOSA	515.2 > 168.9	2.24e4	2.12e4	0.098	5.70	5.82	13.2	136	90.5	NO
46	49 13C2-PFTeDA	714.8 > 669.6	6.21e3	2.12e4	0.403	6.12	6.10	3.67	9.10	72.8	NO
47	50 d5-N-ETFOSA	531.1 > 168.9	3.58e4	2.12e4	0.149	6.25	6.19	21.1	142	94.8	NO
48	51 13C2-PFHxDA	815 > 769.7	3.92e3	2.12e4	0.745	6.46	6.43	2.32	3.11	62.2	NO
49	52 d7-N-MeFOSE	623.1 > 58.9	2.87e4	2.12e4	0.118	6.31	6.29	17.0	144	96.0	NO
50	53 d9-N-EtFOSE	639.2 > 58.8	3.04e4	2.12e4	0.115	6.12	6.44	17.9	157	104.4	NO
51	54 13C4-PFBA	217. > 171.8	1.75e4	1.75e4	1.000	1.30	1.40	12.5	12.5	100.0	NO
52	55 13C5-PFHxA	318 > 272.9	2.05e4	2.05e4	1.000	3.05	3.11	12.5	12.5	100.0	NO
53	56 13C3-PFHxS	401.9 > 79.9	4.94e3	4.94e3	1.000	3.80	3.88	12.5	12.5	100.0	NO
54	57 13C8-PFOA	421.3 > 376	1.78e4	1.78e4	1.000	4.20	4.24	12.5	12.5	100.0	NO
55	58 13C9-PFNA	472.2 > 426.9	2.09e4	2.09e4	1.000	4.65	4.67	12.5	12.5	100.0	NO
56	59 13C4-PFOS	503 > 79.9	4.90e3	4.90e3	1.000	4.60	4.75	12.5	12.5	100.0	NO
57	60 13C6-PFDA	519.1 > 473.7	1.73e4	1.73e4	1.000	5.03	5.04	12.5	12.5	100.0	NO
58	61 13C7-PFUdA	570.1 > 524.8	2.12e4	2.12e4	1.000	5.36	5.36	12.5	12.5	100.0	NO

Dataset: Untitled

Last Altered: Tuesday, January 30, 2018 10:51:19 Pacific Standard Time

Printed: Tuesday, January 30, 2018 10:52:40 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 26 Jan 2018 09:01:53

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180129M1_1	IPA	29-Jan-18	10:16:04
2	180129M1_2	ST180129M1-1 PFC CS-2 18A1904	29-Jan-18	10:27:35
3	180129M1_3	ST180129M1-2 PFC CS-1 18A1905	29-Jan-18	10:39:02
4	180129M1_4	ST180129M1-3 PFC CS0 18A1906	29-Jan-18	10:50:31
5	180129M1_5	ST180129M1-4 PFC CS1 18A1907	29-Jan-18	11:02:00
6	180129M1_6	ST180129M1-5 PFC CS2 18A1908	29-Jan-18	11:13:30
7	180129M1_7	ST180129M1-6 PFC CS3 18A1909	29-Jan-18	11:24:59
8	180129M1_8	ST180129M1-7 PFC CS4 18A1910	29-Jan-18	11:36:29
9	180129M1_9	ST180129M1-8 PFC CS5 18A1911	29-Jan-18	11:47:59
10	180129M1_10	ST180129M1-9 PFC CS6 18A2403	29-Jan-18	11:59:26
11	180129M1_11	ST180129M1-10 PFC CS7 18A2404	29-Jan-18	12:10:56
12	180129M1_12	IPA	29-Jan-18	12:22:23
13	180129M1_13	ICV180129M1-1 PFC ICV 18A1903	29-Jan-18	12:33:53
14	180129M1_14	IPA	29-Jan-18	12:45:23
15	180129M1_15	B8A0103-BS1 OPR 0.25	29-Jan-18	12:56:54
16	180129M1_16	IPA	29-Jan-18	13:08:19
17	180129M1_17	B8A0103-BLK1 Method Blank 0.25	29-Jan-18	13:19:46
18	180129M1_18	1800092-01 WT1801101415AB 0.25828	29-Jan-18	13:31:15
19	180129M1_19	1800092-02 WT1801101430AB 0.25737	29-Jan-18	13:42:44
20	180129M1_20	1800092-03 WR1801101500AB 0.256	29-Jan-18	13:54:15
21	180129M1_21	1800092-04 WT1801101440AB 0.25087	29-Jan-18	14:05:41
22	180129M1_22	1800092-05 WR1801101525AB 0.25614	29-Jan-18	14:17:11
23	180129M1_23	1800092-06 WT1801101545AB 0.25622	29-Jan-18	14:28:41
24	180129M1_24	1800092-07 WT1801101605AB 0.2499	29-Jan-18	14:40:11
25	180129M1_25	1800092-08 WT1801101620AB 0.25498	29-Jan-18	14:51:41
26	180129M1_26	1800092-09 WT1801101635AB 0.25384	29-Jan-18	15:03:11
27	180129M1_27	1800092-10 WT1801110810AB 0.25852	29-Jan-18	15:14:40
28	180129M1_28	IPA	29-Jan-18	15:26:09
29	180129M1_29	ST180129M1-11 PFC CS3 18A1909	29-Jan-18	15:37:39
30	180129M1_30	IPA	29-Jan-18	15:49:08
31	180129M1_31	1800092-11 WT1801110820AB 0.25871	29-Jan-18	16:00:38

Dataset: Untitled

Last Altered: Tuesday, January 30, 2018 10:51:19 Pacific Standard Time

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Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
32	180129M1_32	1800092-12 WT1801110830AB 0.25794	29-Jan-18	16:12:08
33	180129M1_33	1800092-13 WR1801110905AB 0.24937	29-Jan-18	16:23:36
34	180129M1_34	1800092-14 WT1801110925AB 0.2499	29-Jan-18	16:35:05
35	180129M1_35	1800092-15 WT1801110930AB 0.24861	29-Jan-18	16:46:34
36	180129M1_36	1800092-16 FB1801110935AB 0.24833	29-Jan-18	16:58:04
37	180129M1_37	1800092-17 WR1801110955AB 0.25343	29-Jan-18	17:09:32
38	180129M1_38	1800092-18 WT1801111030AB 0.25343	29-Jan-18	17:21:01
39	180129M1_39	1800092-19 WT1801111055AB 0.25311	29-Jan-18	17:32:30
40	180129M1_40	1800092-20 WR1801111105AB 0.25268	29-Jan-18	17:44:00
41	180129M1_41	IPA	29-Jan-18	17:55:29
42	180129M1_42	ST180129M1-12 PFC CS3 18A1909	29-Jan-18	18:07:00
43	180129M1_43	IPA	29-Jan-18	18:18:29
44	180129M1_44	B8A0163-BS1 OPR 0.25	29-Jan-18	18:30:02
45	180129M1_45	B8A0163-BLK1 Method Blank 0.25	29-Jan-18	18:41:26
46	180129M1_46	B8A0163-MS1 Matrix Spike 0.11727	29-Jan-18	18:52:53
47	180129M1_47	B8A0163-MSD1 Matrix Spike Dup 0.11919	29-Jan-18	19:04:22
48	180129M1_48	1800153-11RE1 FT-FRB02-20180117 0.22638	29-Jan-18	19:15:52
49	180129M1_49	1800184-01 REEPDW129FRB 0.11583	29-Jan-18	19:27:21
50	180129M1_50	1800184-02 REEPDW130FRB 0.11966	29-Jan-18	19:38:51
51	180129M1_51	1800184-03 REEPDW131FRB 0.11947	29-Jan-18	19:50:20
52	180129M1_52	1800188-01 REEPDW132FRB 0.11996	29-Jan-18	20:01:42
53	180129M1_53	1800188-02 REEPDW133FRB 0.11579	29-Jan-18	20:13:09
54	180129M1_54	1800188-03 REEPDW134FRB 0.11795	29-Jan-18	20:24:39
55	180129M1_55	1800204-01 REEPDW135 0.12126	29-Jan-18	20:36:09
56	180129M1_56	1800204-02 REEPDW136 0.1177	29-Jan-18	20:47:38
57	180129M1_57	1800204-03 REEPDW137 0.11904	29-Jan-18	20:59:07
58	180129M1_58	1800204-04 REEPDW138 0.11522	29-Jan-18	21:10:36
59	180129M1_59	1800204-05 REEPDW139 0.12116	29-Jan-18	21:22:06
60	180129M1_60	1800204-06 REEPDW140 0.11819	29-Jan-18	21:33:35
61	180129M1_61	1800204-07 REEPDW513 0.11719	29-Jan-18	21:45:05
62	180129M1_62	IPA	29-Jan-18	21:56:35
63	180129M1_63	ST180129M1-13 PFC CS0 18A1906	29-Jan-18	22:08:01
64	180129M1_64	IPA	29-Jan-18	22:19:28
65	180129M1_65	1800206-01 REEPDW135FRB 0.11858	29-Jan-18	22:30:57

Dataset: Untitled

Last Altered: Tuesday, January 30, 2018 10:51:19 Pacific Standard Time
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Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
66	180129M1_66	1800206-02 REEPDW136FRB 0.1192	29-Jan-18	22:42:22
67	180129M1_67	1800206-03 REEPDW137FRB 0.11978	29-Jan-18	22:53:49
68	180129M1_68	1800206-04 REEPDW138FRB 0.11956	29-Jan-18	23:05:16
69	180129M1_69	1800206-05 REEPDW139FRB 0.12003	29-Jan-18	23:16:42
70	180129M1_70	1800206-06 REEPDW140FRB 0.11974	29-Jan-18	23:28:09
71	180129M1_71	B8A0115-BS1 OPR 0.25	29-Jan-18	23:39:38
72	180129M1_72	B8A0115-BLK1 Method Blank 0.25	29-Jan-18	23:51:05
73	180129M1_73	B8A0115-MS1@10X Matrix Spike 0.25673	30-Jan-18	00:02:35
74	180129M1_74	B8A0115-MSD1@10X Matrix Spike Dup 0.25042	30-Jan-18	00:14:01
75	180129M1_75	1800121-01 SB01-20180115 0.28035	30-Jan-18	00:25:28
76	180129M1_76	1800121-02 EB01-20180115 0.25066	30-Jan-18	00:36:55
77	180129M1_77	1800121-03 IRSite5-GW-05W07-20180115 0.2...	30-Jan-18	00:48:22
78	180129M1_78	1800121-04@10X IRSite5-GW-05W06-201801...	30-Jan-18	00:59:53
79	180129M1_79	1800121-05 IRSite5-GW-05W08-20180115 0.2...	30-Jan-18	01:11:23
80	180129M1_80	1800121-06 IRSite5-GW-05W01-20180115 0.2...	30-Jan-18	01:22:50
81	180129M1_81	1800121-07@10X IRSite5-GW-05W03-201801...	30-Jan-18	01:34:19
82	180129M1_82	1800121-08@10 UXOSite14-GW-DPW79A-201...	30-Jan-18	01:45:46
83	180129M1_83	1800121-09 UXOSite14-GW-DPW78A-2018011...	30-Jan-18	01:57:16
84	180129M1_84	1800121-10@10 UXOSite14-GW-DPW77A-201...	30-Jan-18	02:08:46
85	180129M1_85	1800121-11@10X IRSite1-GW-01W48A -20180...	30-Jan-18	02:20:12
86	180129M1_86	IPA	30-Jan-18	02:31:42
87	180129M1_87	ST180129M1-14 PFC CS3 18A1909	30-Jan-18	02:43:12
88	180129M1_88	IPA	30-Jan-18	02:54:41
89	180129M1_89	1800121-12@10X IRSite1-GW-01W49A- 20180...	30-Jan-18	03:06:11
90	180129M1_90	1800121-13@10X IRSite1-GW-01W13A- 20180...	30-Jan-18	03:17:40
91	180129M1_91	1800121-14@10X DUP01-20180115 0.26578	30-Jan-18	03:29:09
92	180129M1_92	1800132-14 PITTS-EB-011118-1400 0.12081	30-Jan-18	03:40:38
93	180129M1_93	B8A0121-BS1 OPR 0.25	30-Jan-18	03:52:08
94	180129M1_94	B8A0121-BLK1 Method Blank 0.25	30-Jan-18	04:03:37
95	180129M1_95	1800135-01 WR1801160935CKA 0.25655	30-Jan-18	04:15:07
96	180129M1_96	1800135-02 WIRR1801161015CKA 0.25732	30-Jan-18	04:26:37
97	180129M1_97	1800135-03 FBIRR1801161015CKA 0.25954	30-Jan-18	04:38:04
98	180129M1_98	1800138-01 GW1216180115RAP 0.25133	30-Jan-18	04:49:30
99	180129M1_99	1800138-02 GW2226180115RAP 0.25969	30-Jan-18	05:00:57

Dataset: Untitled

Last Altered: Tuesday, January 30, 2018 10:51:19 Pacific Standard Time

Printed: Tuesday, January 30, 2018 10:52:40 Pacific Standard Time

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
100	180129M1_100	1800138-03 GW3236180115RAP 0.26041	30-Jan-18	05:12:26
101	180129M1_101	1800138-04 GW4246180116RAP 0.25265	30-Jan-18	05:23:53
102	180129M1_102	IPA	30-Jan-18	05:35:22
103	180129M1_103	ST180129M1-15 PFC CS3 18A1909	30-Jan-18	05:46:51
104	180129M1_104	IPA	30-Jan-18	05:58:22
105	180129M1_105	1800138-05 GW1418180116RAP 0.25524	30-Jan-18	06:09:48
106	180129M1_106	1800138-06 GW2428180117RAP 0.25562	30-Jan-18	06:21:18
107	180129M1_107	1800138-07 GW3438180117RAP 0.25554	30-Jan-18	06:32:47
108	180129M1_108	1800138-08 GW4347180117RAP 0.25876	30-Jan-18	06:44:13
109	180129M1_109	1800138-09 GW5458180118RAP 0.25739	30-Jan-18	06:55:43
110	180129M1_110	B8A0073-BS1 OPR 0.25	30-Jan-18	07:07:13
111	180129M1_111	B8A0073-BLK1 Method Blank 0.25	30-Jan-18	07:18:43
112	180129M1_112	1800050-01 MTBE_7248 0.26646	30-Jan-18	07:30:09
113	180129M1_113	1800050-02 MTBE_7249 0.25952	30-Jan-18	07:41:39
114	180129M1_114	1800050-03 MTBE_7250 0.26018	30-Jan-18	07:53:09
115	180129M1_115	1800051-01 MTBE_9019 0.25962	30-Jan-18	08:04:38
116	180129M1_116	1800052-01 MTBE_7251 0.25582	30-Jan-18	08:16:08
117	180129M1_117	1800053-01 S86637.01 0.11791	30-Jan-18	08:27:37
118	180129M1_118	1800054-01 WR1801081300JLB 0.26088	30-Jan-18	08:39:07
119	180129M1_119	1800054-02 WR1801081330JLB 0.26103	30-Jan-18	08:50:37
120	180129M1_120	IPA	30-Jan-18	09:02:07
121	180129M1_121	ST180129M1-16 PFC CS3 18A1909	30-Jan-18	09:13:37
122	180129M1_122	IPA	30-Jan-18	09:25:05

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-87.qld

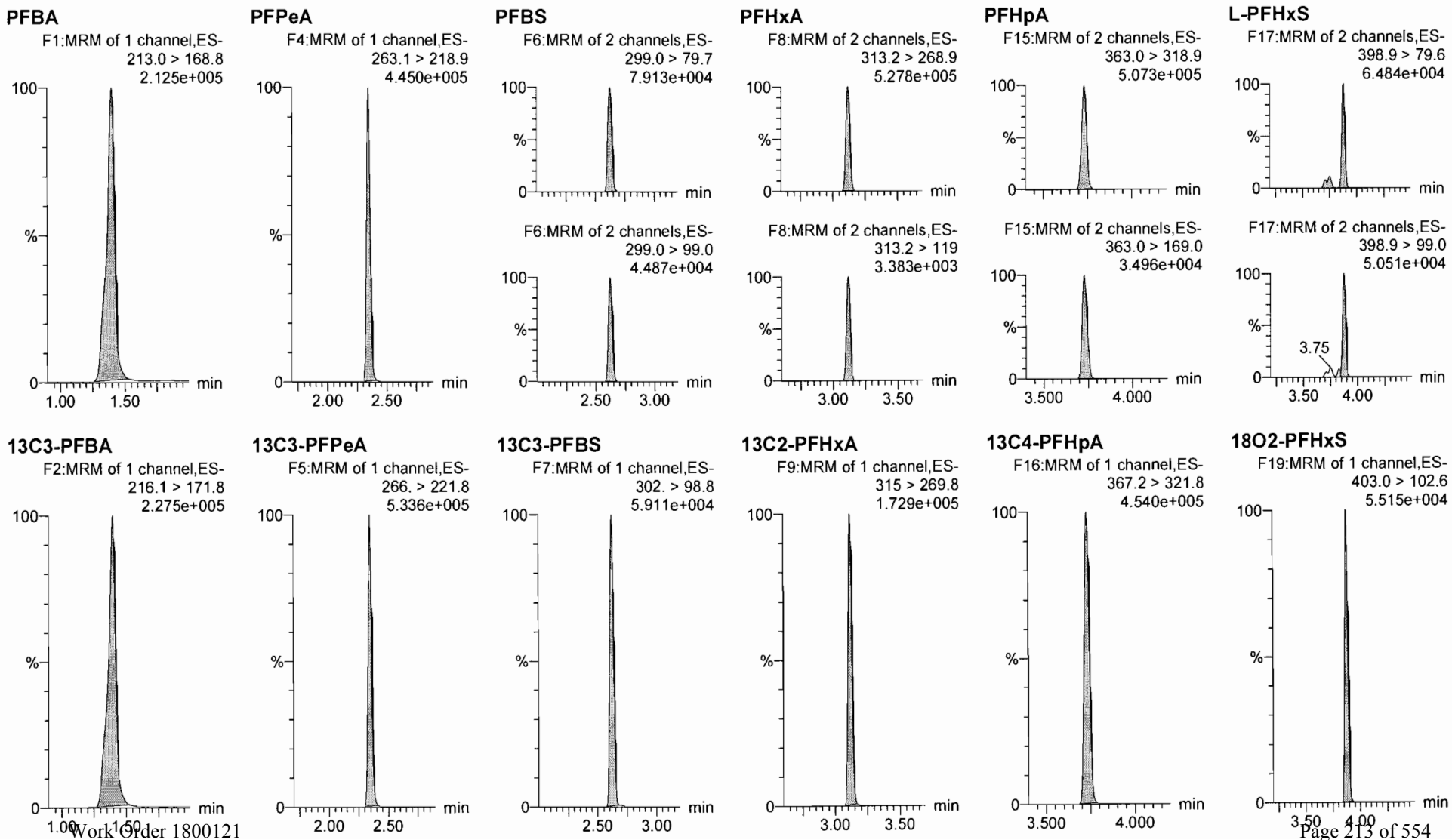
Last Altered: Tuesday, January 30, 2018 08:55:06 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:55:35 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 26 Jan 2018 09:01:53

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:55:06

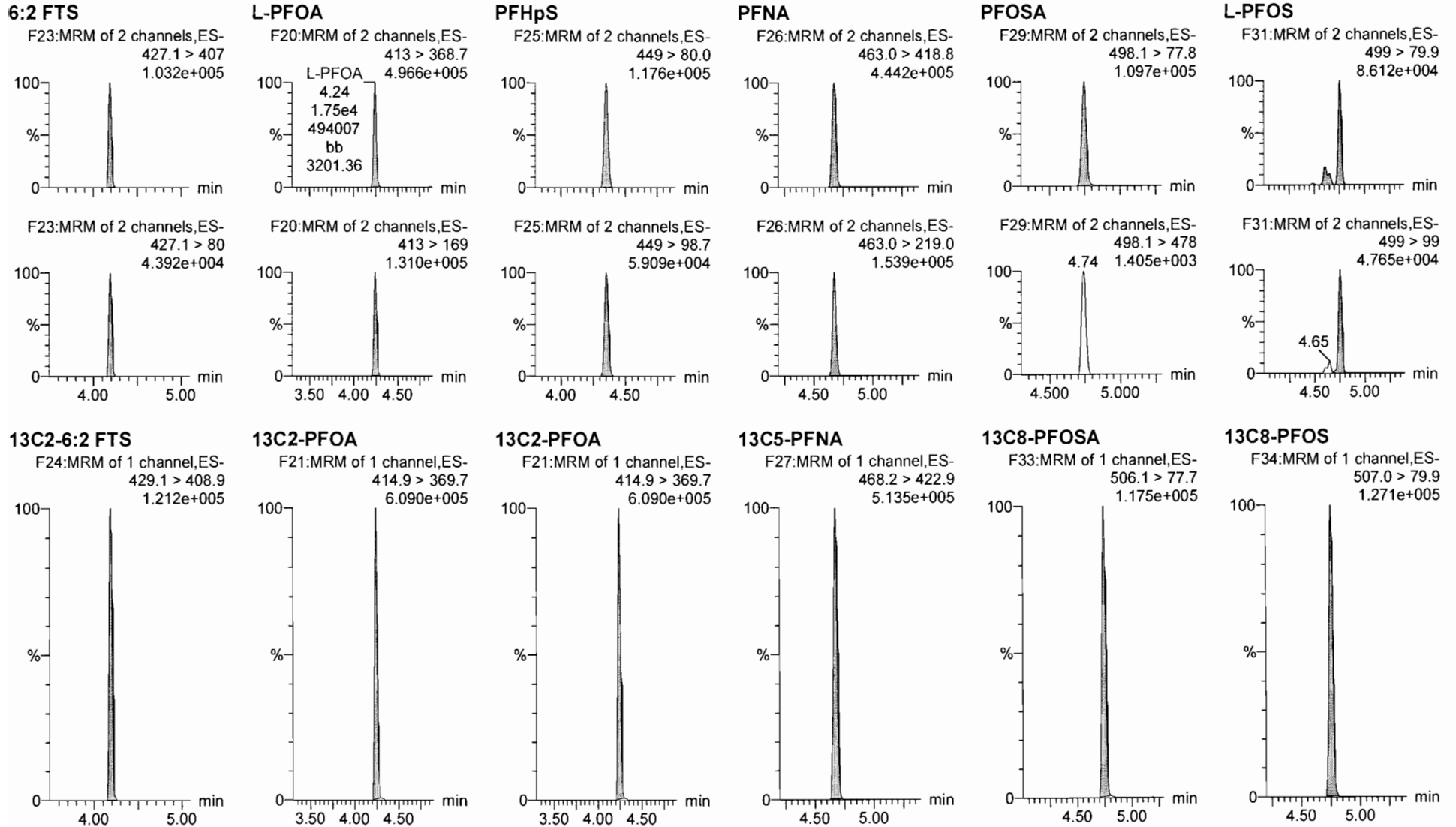
Name: 180129M1_87, Date: 30-Jan-2018, Time: 02:43:12, ID: ST180129M1-14 PFC CS3 18A1909, Description: PFC CS3 18A1909



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-87.qld

Last Altered: Tuesday, January 30, 2018 08:55:06 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:55:35 Pacific Standard Time

Name: 180129M1_87, Date: 30-Jan-2018, Time: 02:43:12, ID: ST180129M1-14 PFC CS3 18A1909, Description: PFC CS3 18A1909



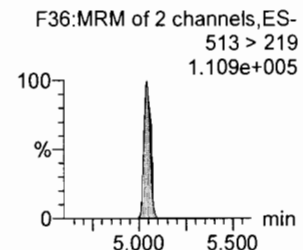
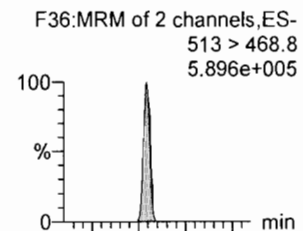
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Last Altered: Tuesday, January 30, 2018 08:55:06 Pacific Standard Time

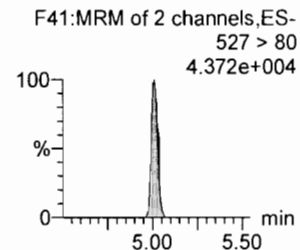
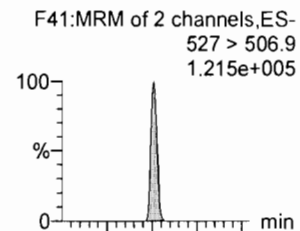
Printed: Tuesday, January 30, 2018 08:55:35 Pacific Standard Time

Name: 180129M1_87, Date: 30-Jan-2018, Time: 02:43:12, ID: ST180129M1-14 PFC CS3 18A1909, Description: PFC CS3 18A1909

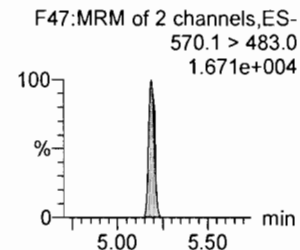
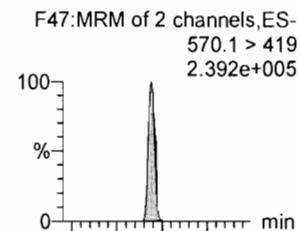
PFDA



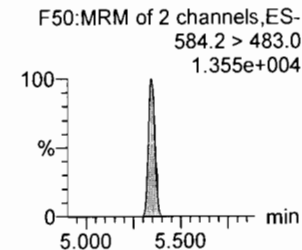
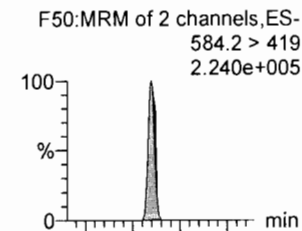
8:2 FTS



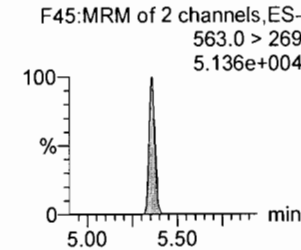
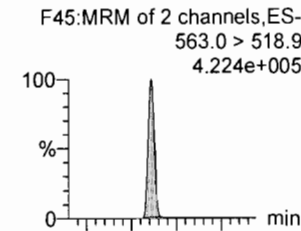
N-MeFOSAA



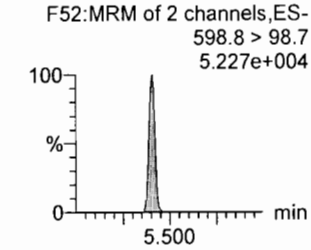
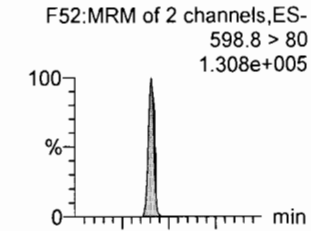
N-EtFOSAA



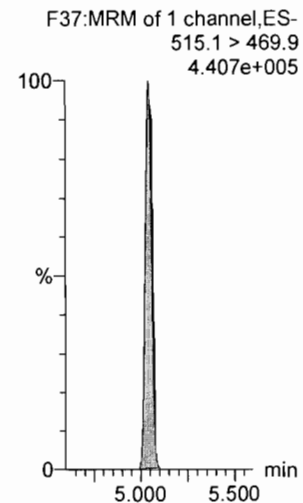
PFUdA



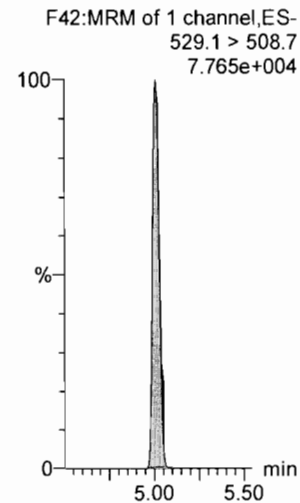
PFDS



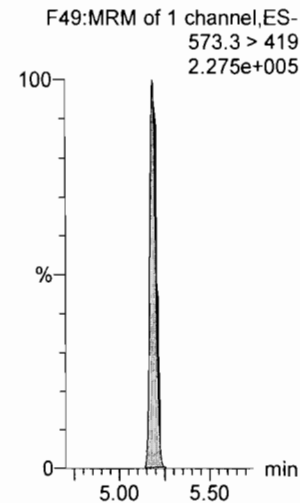
13C2-PFDA



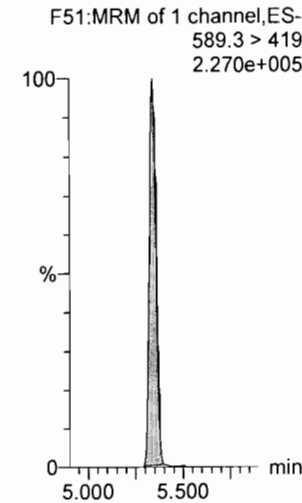
13C2-8:2 FTS



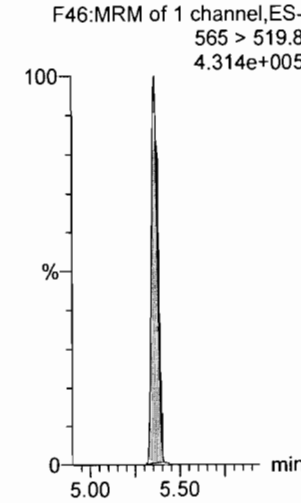
d3-N-MeFOSAA



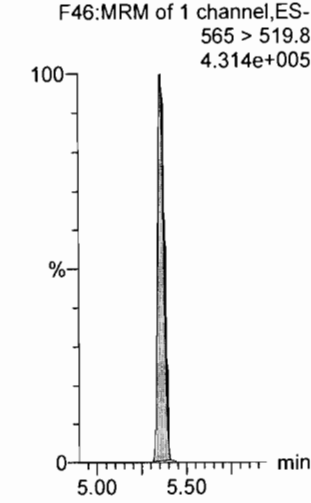
d5-N-EtFOSAA



13C2-PFUdA



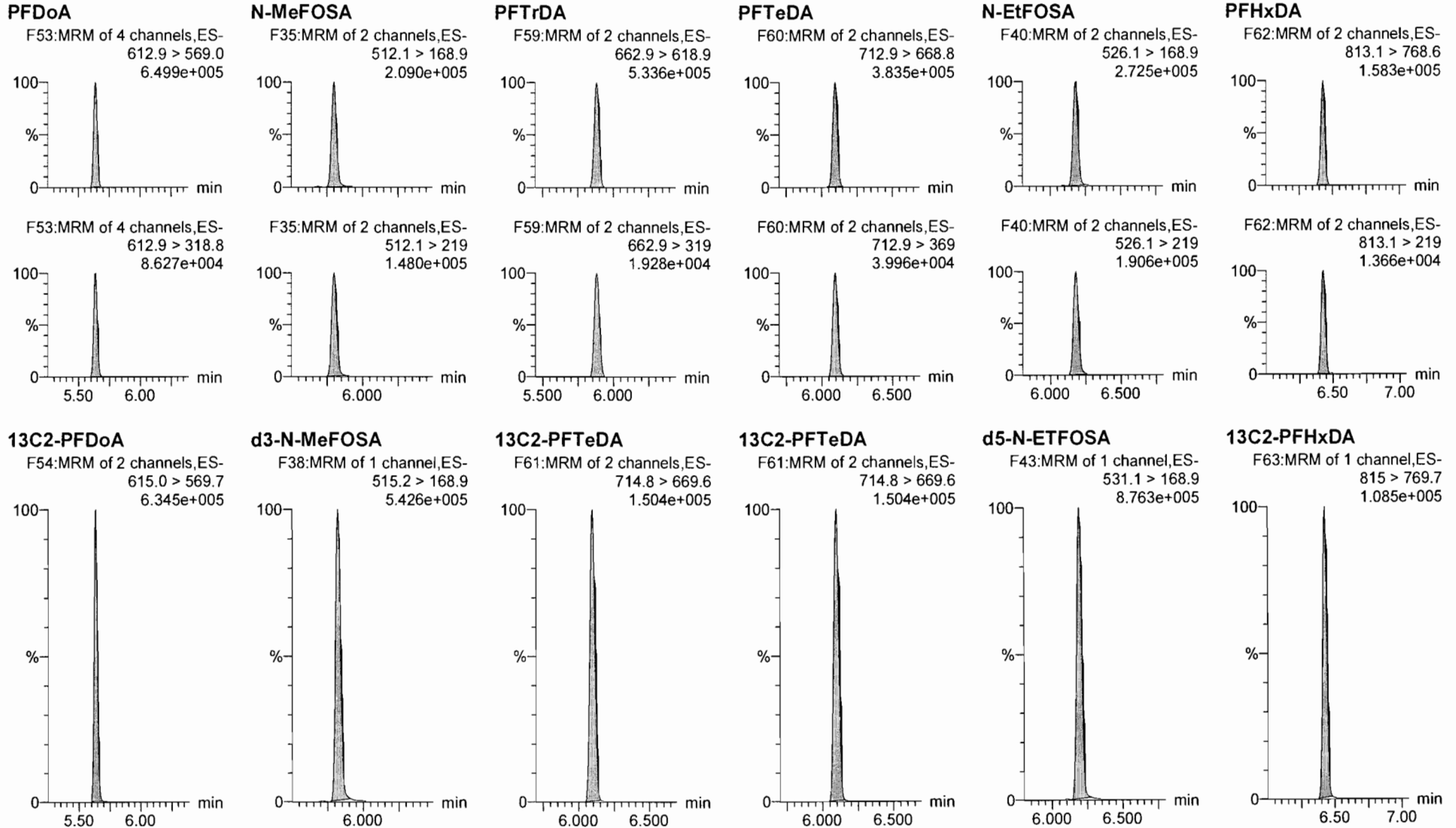
13C2-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-87.qld

Last Altered: Tuesday, January 30, 2018 08:55:06 Pacific Standard Time
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Name: 180129M1_87, Date: 30-Jan-2018, Time: 02:43:12, ID: ST180129M1-14 PFC CS3 18A1909, Description: PFC CS3 18A1909

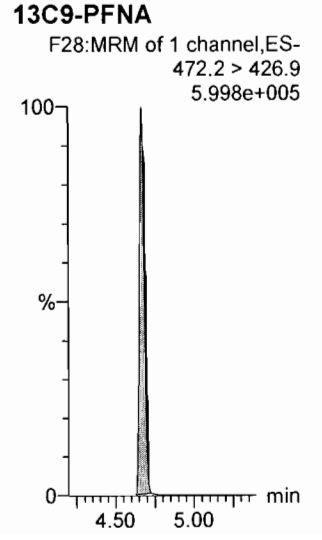
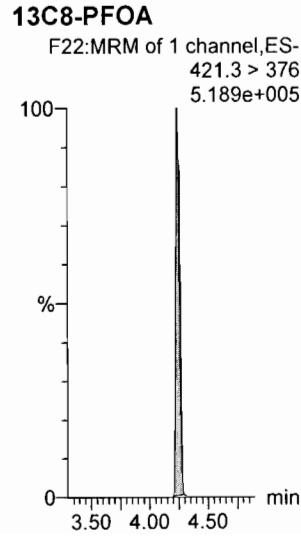
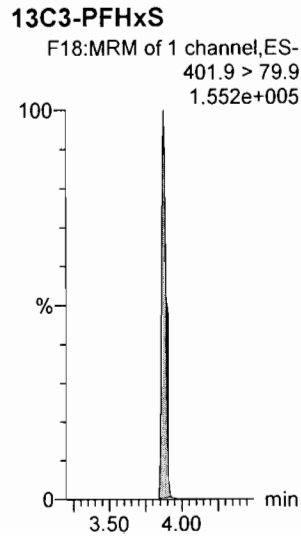
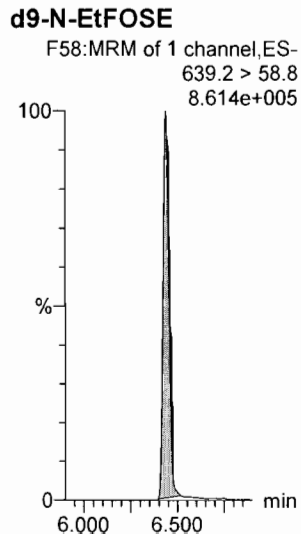
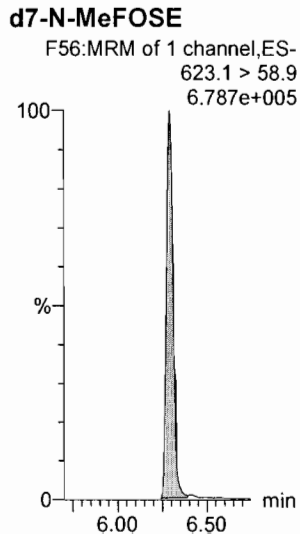
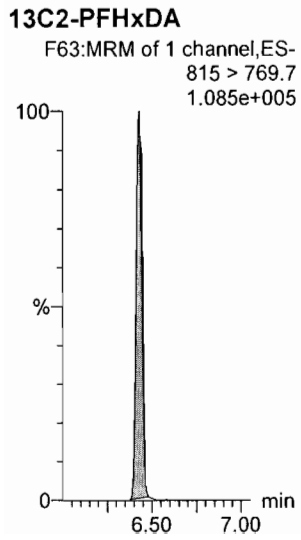
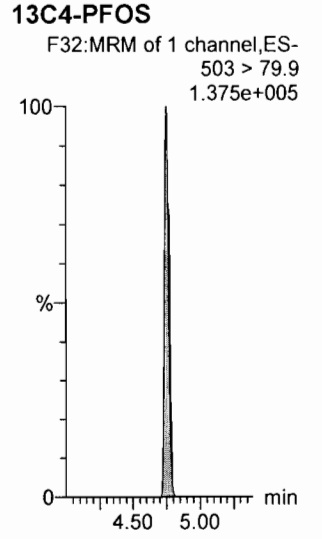
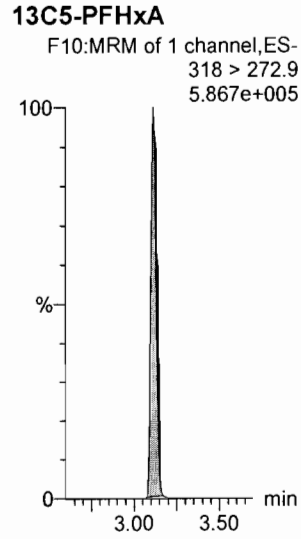
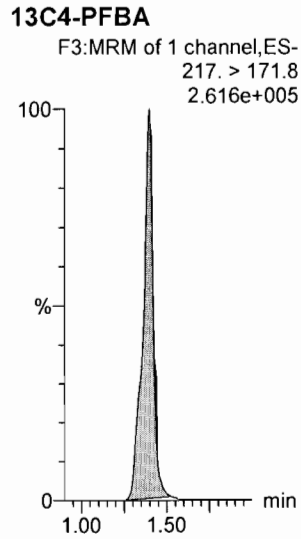
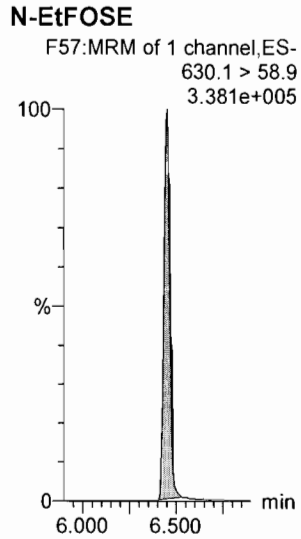
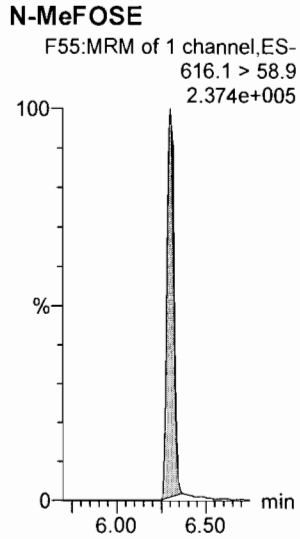
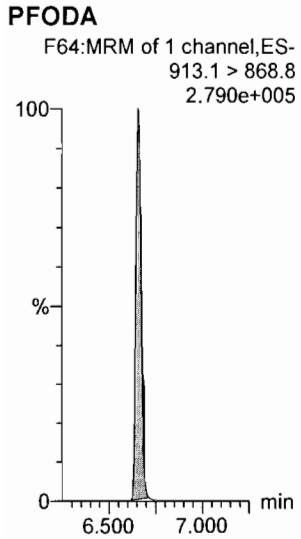


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Last Altered: Tuesday, January 30, 2018 08:55:06 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:55:35 Pacific Standard Time

Name: 180129M1_87, Date: 30-Jan-2018, Time: 02:43:12, ID: ST180129M1-14 PFC CS3 18A1909, Description: PFC CS3 18A1909



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-87.qld

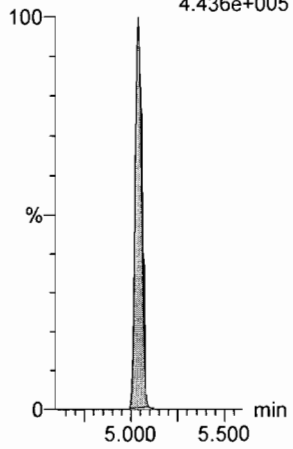
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Printed: Tuesday, January 30, 2018 08:55:35 Pacific Standard Time

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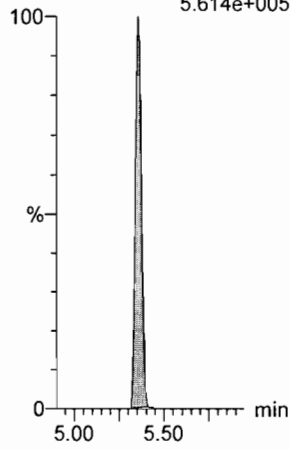
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
4.436e+005



13C7-PFUDA

F48:MRM of 1 channel,ES-
570.1 > 524.8
5.614e+005



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-IIS.qld

Last Altered: Wednesday, January 31, 2018 14:13:14 Pacific Standard Time

Printed: Wednesday, January 31, 2018 14:17:56 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_RS-1-23-18.mdb 24 Jan 2018 12:08:53

Calibration: 31 Jan 2018 13:45:13

Name: 180130M2_7, Date: 30-Jan-2018, Time: 12:42:05, ID: ST180130M2-6 PFC CS3 18A1909, Description: PFC CS3 18A1909

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180130M2-6 PFC CS3 18A1909	8.96e3	100.0	NO
2	2 13C5-PFHxA	ST180130M2-6 PFC CS3 18A1909	1.41e4	100.0	NO
3	3 13C3-PFHxS	ST180130M2-6 PFC CS3 18A1909	3.31e3	100.0	NO
4	4 13C8-PFOA	ST180130M2-6 PFC CS3 18A1909	1.32e4	100.0	NO
5	5 13C9-PFNA	ST180130M2-6 PFC CS3 18A1909	1.46e4	100.0	NO
6	6 13C4-PFOS	ST180130M2-6 PFC CS3 18A1909	3.13e3	100.0	NO
7	7 13C6-PFDA	ST180130M2-6 PFC CS3 18A1909	1.17e4	100.0	NO
8	8 13C7-PFUDa	ST180130M2-6 PFC CS3 18A1909	1.44e4	100.0	NO

Name: 180130M2_8, Date: 30-Jan-2018, Time: 12:53:35, ID: ST180130M2-7 PFC CS4 18A1910, Description: PFC CS4 18A1910

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180130M2-7 PFC CS4 18A1910	8.63e3	96.2	NO
2	2 13C5-PFHxA	ST180130M2-7 PFC CS4 18A1910	1.45e4	103.0	NO
3	3 13C3-PFHxS	ST180130M2-7 PFC CS4 18A1910	3.38e3	102.3	NO
4	4 13C8-PFOA	ST180130M2-7 PFC CS4 18A1910	1.14e4	86.6	NO
5	5 13C9-PFNA	ST180130M2-7 PFC CS4 18A1910	1.34e4	91.8	NO
6	6 13C4-PFOS	ST180130M2-7 PFC CS4 18A1910	2.80e3	89.6	NO
7	7 13C6-PFDA	ST180130M2-7 PFC CS4 18A1910	1.16e4	99.5	NO
8	8 13C7-PFUDa	ST180130M2-7 PFC CS4 18A1910	1.42e4	98.5	NO

Name: 180130M2_9, Date: 30-Jan-2018, Time: 13:05:04, ID: ST180130M2-8 PFC CS5 18A1911, Description: PFC CS5 18A1911

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180130M2-8 PFC CS5 18A1911	1.01e4	112.5	NO
2	2 13C5-PFHxA	ST180130M2-8 PFC CS5 18A1911	1.41e4	99.9	NO
3	3 13C3-PFHxS	ST180130M2-8 PFC CS5 18A1911	3.21e3	97.1	NO
4	4 13C8-PFOA	ST180130M2-8 PFC CS5 18A1911	1.42e4	107.6	NO
5	5 13C9-PFNA	ST180130M2-8 PFC CS5 18A1911	1.45e4	99.7	NO
6	6 13C4-PFOS	ST180130M2-8 PFC CS5 18A1911	3.28e3	104.7	NO
7	7 13C6-PFDA	ST180130M2-8 PFC CS5 18A1911	1.26e4	107.6	NO
8	8 13C7-PFUDa	ST180130M2-8 PFC CS5 18A1911	1.63e4	113.2	NO

Name: 180130M2_10, Date: 30-Jan-2018, Time: 13:16:34, ID: ST180130M2-9 PFC CS6 18A2403, Description: PFC CS6 18A2403

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180130M2-9 PFC CS6 18A2403	9.70e3	108.2	NO
2	2 13C5-PFHxA	ST180130M2-9 PFC CS6 18A2403	1.35e4	95.7	NO
3	3 13C3-PFHxS	ST180130M2-9 PFC CS6 18A2403	3.04e3	92.0	NO
4	4 13C8-PFOA	ST180130M2-9 PFC CS6 18A2403	1.26e4	95.5	NO
5	5 13C9-PFNA	ST180130M2-9 PFC CS6 18A2403	1.24e4	84.7	NO
6	6 13C4-PFOS	ST180130M2-9 PFC CS6 18A2403	2.73e3	87.3	NO
7	7 13C6-PFDA	ST180130M2-9 PFC CS6 18A2403	1.07e4	91.5	NO
8	8 13C7-PFUDa	ST180130M2-9 PFC CS6 18A2403	1.32e4	91.8	NO

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-IIS.qld

Last Altered: Wednesday, January 31, 2018 14:13:14 Pacific Standard Time

Printed: Wednesday, January 31, 2018 14:17:56 Pacific Standard Time

Name: 180130M2_11, Date: 30-Jan-2018, Time: 13:28:04, ID: ST180130M2-10 PFC CS7 18A2404, Description: PFC CS7 18A2404

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180130M2-10 PFC CS7 18A2404	9.07e3	101.1	NO
2	2 13C5-PFHxA	ST180130M2-10 PFC CS7 18A2404	1.22e4	86.3	NO
3	3 13C3-PFHxS	ST180130M2-10 PFC CS7 18A2404	2.86e3	86.5	NO
4	4 13C8-PFOA	ST180130M2-10 PFC CS7 18A2404	9.72e3	73.7	NO
5	5 13C9-PFNA	ST180130M2-10 PFC CS7 18A2404	9.96e3	68.2	NO
6	6 13C4-PFOS	ST180130M2-10 PFC CS7 18A2404	2.74e3	87.6	NO
7	7 13C6-PFDA	ST180130M2-10 PFC CS7 18A2404	9.22e3	78.8	NO
8	8 13C7-PFUDa	ST180130M2-10 PFC CS7 18A2404	1.11e4	77.4	NO

Name: 180130M2_12, Date: 30-Jan-2018, Time: 13:39:34, 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: 180130M2_13, Date: 30-Jan-2018, Time: 13:51:03, ID: ICV180130M2-1 PFC ICV 18A1903, Description: PFC ICV 18A1903

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ICV180130M2-1 PFC ICV 18A1903	8.15e3	90.9	NO
2	2 13C5-PFHxA	ICV180130M2-1 PFC ICV 18A1903	1.50e4	106.7	NO
3	3 13C3-PFHxS	ICV180130M2-1 PFC ICV 18A1903	3.19e3	96.5	NO
4	4 13C8-PFOA	ICV180130M2-1 PFC ICV 18A1903	1.27e4	96.6	NO
5	5 13C9-PFNA	ICV180130M2-1 PFC ICV 18A1903	1.45e4	99.2	NO
6	6 13C4-PFOS	ICV180130M2-1 PFC ICV 18A1903	3.20e3	102.2	NO
7	7 13C6-PFDA	ICV180130M2-1 PFC ICV 18A1903	1.10e4	94.0	NO
8	8 13C7-PFUDa	ICV180130M2-1 PFC ICV 18A1903	1.35e4	93.9	NO

Name: 180130M2_14, Date: 30-Jan-2018, Time: 14:02:33, 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

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Name: 180130M2_15, Date: 30-Jan-2018, Time: 14:14:05, ID: 1800188-02 REEPDW133FRB 0.11579, Description: REEPDW133FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800188-02 REEPDW133FRB 0.11579	9.15e3	102.1	NO
2	2 13C5-PFHxA	1800188-02 REEPDW133FRB 0.11579	1.18e4	83.7	NO
3	3 13C3-PFHxS	1800188-02 REEPDW133FRB 0.11579	2.81e3	85.0	NO
4	4 13C8-PFOA	1800188-02 REEPDW133FRB 0.11579	1.00e4	76.2	NO
5	5 13C9-PFNA	1800188-02 REEPDW133FRB 0.11579	1.12e4	77.0	NO
6	6 13C4-PFOS	1800188-02 REEPDW133FRB 0.11579	2.87e3	91.6	NO
7	7 13C6-PFDA	1800188-02 REEPDW133FRB 0.11579	9.32e3	79.6	NO
8	8 13C7-PFUDa	1800188-02 REEPDW133FRB 0.11579	1.02e4	71.0	NO

Name: 180130M2_16, Date: 30-Jan-2018, Time: 14:25:29, ID: 1800204-03 REEPDW137 0.11904, Description: REEPDW137

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800204-03 REEPDW137 0.11904	8.19e3	91.4	NO
2	2 13C5-PFHxA	1800204-03 REEPDW137 0.11904	1.07e4	76.0	NO
3	3 13C3-PFHxS	1800204-03 REEPDW137 0.11904	2.93e3	88.7	NO
4	4 13C8-PFOA	1800204-03 REEPDW137 0.11904	1.02e4	77.4	NO
5	5 13C9-PFNA	1800204-03 REEPDW137 0.11904	8.67e3	59.5	NO
6	6 13C4-PFOS	1800204-03 REEPDW137 0.11904	2.95e3	94.4	NO
7	7 13C6-PFDA	1800204-03 REEPDW137 0.11904	7.72e3	66.0	NO
8	8 13C7-PFUDa	1800204-03 REEPDW137 0.11904	1.09e4	75.4	NO

Name: 180130M2_17, Date: 30-Jan-2018, Time: 14:36:56, ID: 1800204-07 REEPDW513 0.11719, Description: REEPDW513

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800204-07 REEPDW513 0.11719	9.85e3	109.9	NO
2	2 13C5-PFHxA	1800204-07 REEPDW513 0.11719	1.09e4	77.2	NO
3	3 13C3-PFHxS	1800204-07 REEPDW513 0.11719	2.87e3	86.7	NO
4	4 13C8-PFOA	1800204-07 REEPDW513 0.11719	9.74e3	73.9	NO
5	5 13C9-PFNA	1800204-07 REEPDW513 0.11719	1.20e4	82.4	NO
6	6 13C4-PFOS	1800204-07 REEPDW513 0.11719	2.79e3	89.1	NO
7	7 13C6-PFDA	1800204-07 REEPDW513 0.11719	9.37e3	80.1	NO
8	8 13C7-PFUDa	1800204-07 REEPDW513 0.11719	1.31e4	91.2	NO

Name: 180130M2_18, Date: 30-Jan-2018, Time: 14:48:23, ID: B8A0173-BLK1 Method Blank 0.125, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0173-BLK1 Method Blank 0.125	8.17e3	91.1	NO
2	2 13C5-PFHxA	B8A0173-BLK1 Method Blank 0.125	9.34e3	66.3	NO
3	3 13C3-PFHxS	B8A0173-BLK1 Method Blank 0.125	2.85e3	86.3	NO
4	4 13C8-PFOA	B8A0173-BLK1 Method Blank 0.125	9.62e3	73.0	NO
5	5 13C9-PFNA	B8A0173-BLK1 Method Blank 0.125	1.10e4	75.7	NO
6	6 13C4-PFOS	B8A0173-BLK1 Method Blank 0.125	2.48e3	79.3	NO
7	7 13C6-PFDA	B8A0173-BLK1 Method Blank 0.125	7.56e3	64.6	NO
8	8 13C7-PFUDa	B8A0173-BLK1 Method Blank 0.125	1.07e4	74.5	NO

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Name: 180130M2_19, Date: 30-Jan-2018, Time: 14:59:50, ID: B8A0173-BS1 OPR 0.125, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0173-BS1 OPR 0.125	7.64e3	85.2	NO
2	2 13C5-PFHxA	B8A0173-BS1 OPR 0.125	1.03e4	72.9	NO
3	3 13C3-PFHxS	B8A0173-BS1 OPR 0.125	2.66e3	80.5	NO
4	4 13C8-PFOA	B8A0173-BS1 OPR 0.125	9.67e3	73.4	NO
5	5 13C9-PFNA	B8A0173-BS1 OPR 0.125	1.07e4	73.2	NO
6	6 13C4-PFOS	B8A0173-BS1 OPR 0.125	2.69e3	86.0	NO
7	7 13C6-PFDA	B8A0173-BS1 OPR 0.125	7.91e3	67.6	NO
8	8 13C7-PFUDa	B8A0173-BS1 OPR 0.125	1.10e4	76.4	NO

Name: 180130M2_20, Date: 30-Jan-2018, Time: 15:11:16, ID: B8A0173-BS2 OPR 0.125, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0173-BS2 OPR 0.125	8.14e3	90.8	NO
2	2 13C5-PFHxA	B8A0173-BS2 OPR 0.125	1.02e4	72.3	NO
3	3 13C3-PFHxS	B8A0173-BS2 OPR 0.125	2.39e3	72.3	NO
4	4 13C8-PFOA	B8A0173-BS2 OPR 0.125	9.94e3	75.4	NO
5	5 13C9-PFNA	B8A0173-BS2 OPR 0.125	1.05e4	72.0	NO
6	6 13C4-PFOS	B8A0173-BS2 OPR 0.125	2.51e3	80.1	NO
7	7 13C6-PFDA	B8A0173-BS2 OPR 0.125	1.07e4	91.1	NO
8	8 13C7-PFUDa	B8A0173-BS2 OPR 0.125	1.20e4	83.2	NO

Name: 180130M2_21, Date: 30-Jan-2018, Time: 15:22:44, ID: B8A0173-BS3 OPR 0.125, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0173-BS3 OPR 0.125	7.46e3	83.3	NO
2	2 13C5-PFHxA	B8A0173-BS3 OPR 0.125	9.40e3	66.7	NO
3	3 13C3-PFHxS	B8A0173-BS3 OPR 0.125	2.60e3	78.6	NO
4	4 13C8-PFOA	B8A0173-BS3 OPR 0.125	9.98e3	75.7	NO
5	5 13C9-PFNA	B8A0173-BS3 OPR 0.125	1.08e4	73.8	NO
6	6 13C4-PFOS	B8A0173-BS3 OPR 0.125	2.63e3	84.2	NO
7	7 13C6-PFDA	B8A0173-BS3 OPR 0.125	9.19e3	78.5	NO
8	8 13C7-PFUDa	B8A0173-BS3 OPR 0.125	1.20e4	83.4	NO

Name: 180130M2_22, Date: 30-Jan-2018, Time: 15:34:10, ID: B8A0173-BS4 OPR 0.125, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0173-BS4 OPR 0.125	8.09e3	90.2	NO
2	2 13C5-PFHxA	B8A0173-BS4 OPR 0.125	9.84e3	69.8	NO
3	3 13C3-PFHxS	B8A0173-BS4 OPR 0.125	2.93e3	88.7	NO
4	4 13C8-PFOA	B8A0173-BS4 OPR 0.125	9.99e3	75.8	NO
5	5 13C9-PFNA	B8A0173-BS4 OPR 0.125	9.29e3	63.7	NO
6	6 13C4-PFOS	B8A0173-BS4 OPR 0.125	2.69e3	86.1	NO
7	7 13C6-PFDA	B8A0173-BS4 OPR 0.125	9.09e3	77.7	NO
8	8 13C7-PFUDa	B8A0173-BS4 OPR 0.125	1.12e4	77.4	NO

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Name: 180130M2_23, Date: 30-Jan-2018, Time: 15:45:37, ID: B8A0070-BS1 OPR 0.25, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0070-BS1 OPR 0.25	1.08e4	120.5	NO
2	2 13C5-PFHxA	B8A0070-BS1 OPR 0.25	1.36e4	96.2	NO
3	3 13C3-PFHxS	B8A0070-BS1 OPR 0.25	3.19e3	96.6	NO
4	4 13C8-PFOA	B8A0070-BS1 OPR 0.25	1.15e4	87.4	NO
5	5 13C9-PFNA	B8A0070-BS1 OPR 0.25	1.47e4	100.8	NO
6	6 13C4-PFOS	B8A0070-BS1 OPR 0.25	3.29e3	105.2	NO
7	7 13C6-PFDA	B8A0070-BS1 OPR 0.25	1.04e4	89.1	NO
8	8 13C7-PFUDa	B8A0070-BS1 OPR 0.25	1.25e4	87.0	NO

Name: 180130M2_24, Date: 30-Jan-2018, Time: 15:57:07, ID: B8A0070-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0070-BLK1 Method Blank 0.25	9.95e3	110.9	NO
2	2 13C5-PFHxA	B8A0070-BLK1 Method Blank 0.25	1.20e4	85.2	NO
3	3 13C3-PFHxS	B8A0070-BLK1 Method Blank 0.25	3.22e3	97.3	NO
4	4 13C8-PFOA	B8A0070-BLK1 Method Blank 0.25	1.09e4	82.9	NO
5	5 13C9-PFNA	B8A0070-BLK1 Method Blank 0.25	1.33e4	91.5	NO
6	6 13C4-PFOS	B8A0070-BLK1 Method Blank 0.25	3.21e3	102.7	NO
7	7 13C6-PFDA	B8A0070-BLK1 Method Blank 0.25	1.20e4	102.7	NO
8	8 13C7-PFUDa	B8A0070-BLK1 Method Blank 0.25	1.29e4	89.8	NO

Name: 180130M2_25, Date: 30-Jan-2018, Time: 16:08:37, ID: 1800010-01 PFAS Ground Water & Surface Water Lot#1, Description: PFAS Ground Water & Surface Water Lot#122917C1

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800010-01 PFAS Ground Water _Surfa...	9.22e3	102.9	NO
2	2 13C5-PFHxA	1800010-01 PFAS Ground Water _Surfa...	1.07e4	75.8	NO
3	3 13C3-PFHxS	1800010-01 PFAS Ground Water _Surfa...	2.99e3	90.4	NO
4	4 13C8-PFOA	1800010-01 PFAS Ground Water _Surfa...	9.79e3	74.3	NO
5	5 13C9-PFNA	1800010-01 PFAS Ground Water _Surfa...	1.04e4	71.5	NO
6	6 13C4-PFOS	1800010-01 PFAS Ground Water _Surfa...	2.82e3	90.3	NO
7	7 13C6-PFDA	1800010-01 PFAS Ground Water _Surfa...	9.90e3	84.6	NO
8	8 13C7-PFUDa	1800010-01 PFAS Ground Water _Surfa...	1.39e4	96.2	NO

Name: 180130M2_26, Date: 30-Jan-2018, Time: 16:20:04, 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	5.80e0	0.0	YES
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

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Name: 180130M2_27, Date: 30-Jan-2018, Time: 16:31:30, ID: B8A0054-BS1 OPR 1, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0054-BS1 OPR 1	8.60e3	95.9	NO
2	2 13C5-PFHxA	B8A0054-BS1 OPR 1	1.04e4	74.0	NO
3	3 13C3-PFHxS	B8A0054-BS1 OPR 1	2.85e3	86.4	NO
4	4 13C8-PFOA	B8A0054-BS1 OPR 1	1.03e4	78.0	NO
5	5 13C9-PFNA	B8A0054-BS1 OPR 1	1.11e4	76.1	NO
6	6 13C4-PFOS	B8A0054-BS1 OPR 1	2.81e3	89.7	NO
7	7 13C6-PFDA	B8A0054-BS1 OPR 1	8.33e3	71.1	NO
8	8 13C7-PFUDa	B8A0054-BS1 OPR 1	8.99e3	62.4	NO

Name: 180130M2_28, Date: 30-Jan-2018, Time: 16:42:57, ID: B8A0054-BLK1 Method Blank 1, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0054-BLK1 Method Blank 1	8.19e3	91.4	NO
2	2 13C5-PFHxA	B8A0054-BLK1 Method Blank 1	1.03e4	72.9	NO
3	3 13C3-PFHxS	B8A0054-BLK1 Method Blank 1	2.48e3	74.9	NO
4	4 13C8-PFOA	B8A0054-BLK1 Method Blank 1	9.28e3	70.4	NO
5	5 13C9-PFNA	B8A0054-BLK1 Method Blank 1	9.66e3	66.2	NO
6	6 13C4-PFOS	B8A0054-BLK1 Method Blank 1	2.65e3	84.7	NO
7	7 13C6-PFDA	B8A0054-BLK1 Method Blank 1	7.19e3	61.5	NO
8	8 13C7-PFUDa	B8A0054-BLK1 Method Blank 1	1.09e4	75.9	NO

Name: 180130M2_29, Date: 30-Jan-2018, Time: 16:54:27, ID: 1800011-01 PFAS in Soil Lot#122917C2 1, Description: PFAS in Soil Lot#122917C2

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800011-01 PFAS in Soil Lot#122917C2...	9.75e3	108.8	NO
2	2 13C5-PFHxA	1800011-01 PFAS in Soil Lot#122917C2...	1.12e4	79.8	NO
3	3 13C3-PFHxS	1800011-01 PFAS in Soil Lot#122917C2...	2.92e3	88.3	NO
4	4 13C8-PFOA	1800011-01 PFAS in Soil Lot#122917C2...	1.17e4	88.4	NO
5	5 13C9-PFNA	1800011-01 PFAS in Soil Lot#122917C2...	1.39e4	95.1	NO
6	6 13C4-PFOS	1800011-01 PFAS in Soil Lot#122917C2...	2.61e3	83.4	NO
7	7 13C6-PFDA	1800011-01 PFAS in Soil Lot#122917C2...	9.27e3	79.2	NO
8	8 13C7-PFUDa	1800011-01 PFAS in Soil Lot#122917C2...	1.15e4	79.6	NO

Name: 180130M2_30, Date: 30-Jan-2018, Time: 17:05:57, ID: B8A0115-MS1 Matrix Spike 0.25673, Description: Matrix Spike

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0115-MS1 Matrix Spike 0.25673	7.84e3	87.5	NO
2	2 13C5-PFHxA	B8A0115-MS1 Matrix Spike 0.25673	9.45e3	67.0	NO
3	3 13C3-PFHxS	B8A0115-MS1 Matrix Spike 0.25673	2.30e3	69.7	NO
4	4 13C8-PFOA	B8A0115-MS1 Matrix Spike 0.25673	8.26e3	62.6	NO
5	5 13C9-PFNA	B8A0115-MS1 Matrix Spike 0.25673	9.79e3	67.1	NO
6	6 13C4-PFOS	B8A0115-MS1 Matrix Spike 0.25673	2.73e3	87.4	NO
7	7 13C6-PFDA	B8A0115-MS1 Matrix Spike 0.25673	8.61e3	73.6	NO
8	8 13C7-PFUDa	B8A0115-MS1 Matrix Spike 0.25673	9.23e3	64.0	NO

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Name: 180130M2_31, Date: 30-Jan-2018, Time: 17:17:24, ID: B8A0115-MSD1@10X Matrix Spike Dup 0.25042, Description: Matrix Spike Dup

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0115-MSD1@10X Matrix Spike Dup...	7.16e3	79.9	NO
2	2 13C5-PFHxA	B8A0115-MSD1@10X Matrix Spike Dup...	8.67e3	61.5	NO
3	3 13C3-PFHxS	B8A0115-MSD1@10X Matrix Spike Dup...	2.26e3	68.4	NO
4	4 13C8-PFOA	B8A0115-MSD1@10X Matrix Spike Dup...	8.36e3	63.4	NO
5	5 13C9-PFNA	B8A0115-MSD1@10X Matrix Spike Dup...	8.23e3	56.4	NO
6	6 13C4-PFOS	B8A0115-MSD1@10X Matrix Spike Dup...	2.29e3	73.2	NO
7	7 13C6-PFDA	B8A0115-MSD1@10X Matrix Spike Dup...	7.36e3	62.9	NO
8	8 13C7-PFUDa	B8A0115-MSD1@10X Matrix Spike Dup...	9.51e3	66.0	NO

Name: 180130M2_32, Date: 30-Jan-2018, Time: 17:28:54, ID: 1800121-02 EB01-20180115 0.25066, Description: EB01-20180115

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-02 EB01-20180115 0.25066	8.25e3	92.0	NO
2	2 13C5-PFHxA	1800121-02 EB01-20180115 0.25066	1.16e4	82.2	NO
3	3 13C3-PFHxS	1800121-02 EB01-20180115 0.25066	2.48e3	75.1	NO
4	4 13C8-PFOA	1800121-02 EB01-20180115 0.25066	8.57e3	65.0	NO
5	5 13C9-PFNA	1800121-02 EB01-20180115 0.25066	1.11e4	76.1	NO
6	6 13C4-PFOS	1800121-02 EB01-20180115 0.25066	2.65e3	84.7	NO
7	7 13C6-PFDA	1800121-02 EB01-20180115 0.25066	8.04e3	68.7	NO
8	8 13C7-PFUDa	1800121-02 EB01-20180115 0.25066	1.10e4	76.6	NO

Name: 180130M2_33, Date: 30-Jan-2018, Time: 17:40:22, ID: 1800121-04 IRSite5-GW-05W06-20180115 0.26253, Description: IRSite5-GW-05W06-20180115

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-04 IRSite5-GW-05W06-20180...	7.37e3	82.2	NO
2	2 13C5-PFHxA	1800121-04 IRSite5-GW-05W06-20180...	9.28e3	65.8	NO
3	3 13C3-PFHxS	1800121-04 IRSite5-GW-05W06-20180...	2.31e3	69.8	NO
4	4 13C8-PFOA	1800121-04 IRSite5-GW-05W06-20180...	8.36e3	63.4	NO
5	5 13C9-PFNA	1800121-04 IRSite5-GW-05W06-20180...	8.22e3	56.3	NO
6	6 13C4-PFOS	1800121-04 IRSite5-GW-05W06-20180...	2.09e3	66.8	NO
7	7 13C6-PFDA	1800121-04 IRSite5-GW-05W06-20180...	6.26e3	53.5	NO
8	8 13C7-PFUDa	1800121-04 IRSite5-GW-05W06-20180...	1.00e4	69.5	NO

Name: 180130M2_34, Date: 30-Jan-2018, Time: 17:51:52, ID: 1800121-06 IRSite5-GW-05W01-20180115 0.27608, Description: IRSite5-GW-05W01-20180115

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-06 IRSite5-GW-05W01-20180...	7.56e3	84.3	NO
2	2 13C5-PFHxA	1800121-06 IRSite5-GW-05W01-20180...	9.44e3	66.9	NO
3	3 13C3-PFHxS	1800121-06 IRSite5-GW-05W01-20180...	2.76e3	83.6	NO
4	4 13C8-PFOA	1800121-06 IRSite5-GW-05W01-20180...	9.15e3	69.4	NO
5	5 13C9-PFNA	1800121-06 IRSite5-GW-05W01-20180...	1.09e4	74.7	NO
6	6 13C4-PFOS	1800121-06 IRSite5-GW-05W01-20180...	2.68e3	85.6	NO
7	7 13C6-PFDA	1800121-06 IRSite5-GW-05W01-20180...	8.73e3	74.6	NO
8	8 13C7-PFUDa	1800121-06 IRSite5-GW-05W01-20180...	9.28e3	64.4	NO

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Name: 180130M2_35, Date: 30-Jan-2018, Time: 18:03:22, ID: 1800121-07 IRSite5-GW-05W03-20180115 0.25196,
Description: IRSite5-GW-05W03-20180115

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-07 IRSite5-GW-05W03-20180...	7.81e3	87.1	NO
2	2 13C5-PFHxA	1800121-07 IRSite5-GW-05W03-20180...	9.49e3	67.3	NO
3	3 13C3-PFHxS	1800121-07 IRSite5-GW-05W03-20180...	2.64e3	79.8	NO
4	4 13C8-PFOA	1800121-07 IRSite5-GW-05W03-20180...	1.03e4	78.3	NO
5	5 13C9-PFNA	1800121-07 IRSite5-GW-05W03-20180...	1.06e4	72.8	NO
6	6 13C4-PFOS	1800121-07 IRSite5-GW-05W03-20180...	2.75e3	88.0	NO
7	7 13C6-PFDA	1800121-07 IRSite5-GW-05W03-20180...	6.81e3	58.2	NO
8	8 13C7-PFUDa	1800121-07 IRSite5-GW-05W03-20180...	8.76e3	60.8	NO

Name: 180130M2_36, Date: 30-Jan-2018, Time: 18:14:48, ID: 1800121-08 UXOSite14-GW-DPW79A-20180115 0.24743,
Description: UXOSite14-GW-DPW79A-20180115

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-08 UXOSite14-GW-DPW79A-...	6.99e3	78.0	NO
2	2 13C5-PFHxA	1800121-08 UXOSite14-GW-DPW79A-...	9.49e3	67.3	NO
3	3 13C3-PFHxS	1800121-08 UXOSite14-GW-DPW79A-...	2.29e3	69.2	NO
4	4 13C8-PFOA	1800121-08 UXOSite14-GW-DPW79A-...	8.63e3	65.5	NO
5	5 13C9-PFNA	1800121-08 UXOSite14-GW-DPW79A-...	8.24e3	56.4	NO
6	6 13C4-PFOS	1800121-08 UXOSite14-GW-DPW79A-...	2.15e3	68.9	NO
7	7 13C6-PFDA	1800121-08 UXOSite14-GW-DPW79A-...	8.25e3	70.5	NO
8	8 13C7-PFUDa	1800121-08 UXOSite14-GW-DPW79A-...	9.90e3	68.7	NO

Name: 180130M2_37, Date: 30-Jan-2018, Time: 18:26:15, ID: 1800121-09 UXOSite14-GW-DPW78A-20180115 0.26471,
Description: UXOSite14-GW-DPW78A-20180115

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-09 UXOSite14-GW-DPW78A-...	7.69e3	85.8	NO
2	2 13C5-PFHxA	1800121-09 UXOSite14-GW-DPW78A-...	8.82e3	62.6	NO
3	3 13C3-PFHxS	1800121-09 UXOSite14-GW-DPW78A-...	2.68e3	80.9	NO
4	4 13C8-PFOA	1800121-09 UXOSite14-GW-DPW78A-...	1.00e4	75.8	NO
5	5 13C9-PFNA	1800121-09 UXOSite14-GW-DPW78A-...	9.33e3	63.9	NO
6	6 13C4-PFOS	1800121-09 UXOSite14-GW-DPW78A-...	2.77e3	88.4	NO
7	7 13C6-PFDA	1800121-09 UXOSite14-GW-DPW78A-...	9.23e3	78.9	NO
8	8 13C7-PFUDa	1800121-09 UXOSite14-GW-DPW78A-...	1.08e4	74.6	NO

Name: 180130M2_38, Date: 30-Jan-2018, Time: 18:37:42, ID: 1800121-10 UXOSite14-GW-DPW77A-20180115 0.26267,
Description: UXOSite14-GW-DPW77A-20180115

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-10 UXOSite14-GW-DPW77A-...	7.10e3	79.2	NO
2	2 13C5-PFHxA	1800121-10 UXOSite14-GW-DPW77A-...	8.82e3	62.6	NO
3	3 13C3-PFHxS	1800121-10 UXOSite14-GW-DPW77A-...	2.05e3	62.1	NO
4	4 13C8-PFOA	1800121-10 UXOSite14-GW-DPW77A-...	9.80e3	74.4	NO
5	5 13C9-PFNA	1800121-10 UXOSite14-GW-DPW77A-...	9.24e3	63.3	NO
6	6 13C4-PFOS	1800121-10 UXOSite14-GW-DPW77A-...	2.47e3	79.0	NO
7	7 13C6-PFDA	1800121-10 UXOSite14-GW-DPW77A-...	6.88e3	58.8	NO
8	8 13C7-PFUDa	1800121-10 UXOSite14-GW-DPW77A-...	9.20e3	63.8	NO

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Name: 180130M2_39, Date: 30-Jan-2018, Time: 18:49:09, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	5.35e0	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: 180130M2_40, Date: 30-Jan-2018, Time: 19:00:38, ID: ST180130M2-11 PFC CS3 18A1909, Description: PFC CS3 18A1909

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180130M2-11 PFC CS3 18A1909	8.40e3	93.7	NO
2	2 13C5-PFHxA	ST180130M2-11 PFC CS3 18A1909	1.63e4	115.9	NO
3	3 13C3-PFHxS	ST180130M2-11 PFC CS3 18A1909	3.63e3	109.9	NO
4	4 13C8-PFOA	ST180130M2-11 PFC CS3 18A1909	1.41e4	107.3	NO
5	5 13C9-PFNA	ST180130M2-11 PFC CS3 18A1909	1.68e4	114.9	NO
6	6 13C4-PFOS	ST180130M2-11 PFC CS3 18A1909	3.58e3	114.5	NO
7	7 13C6-PFDA	ST180130M2-11 PFC CS3 18A1909	1.48e4	126.1	NO
8	8 13C7-PFUDa	ST180130M2-11 PFC CS3 18A1909	1.52e4	105.2	NO

Name: 180130M2_41, Date: 30-Jan-2018, Time: 19:12:08, 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: 180130M2_42, Date: 30-Jan-2018, Time: 19:23:37, ID: 1800121-11 IRSite1-GW-01W48A -20180115 0.25842, Description: IRSite1-GW-01W48A -20180115

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800121-11 IRSite1-GW-01W48A -2018...	6.97e3	77.8	NO
2	2 13C5-PFHxA	1800121-11 IRSite1-GW-01W48A -2018...	8.99e3	63.8	NO
3	3 13C3-PFHxS	1800121-11 IRSite1-GW-01W48A -2018...	2.11e3	63.8	NO
4	4 13C8-PFOA	1800121-11 IRSite1-GW-01W48A -2018...	8.49e3	64.4	NO
5	5 13C9-PFNA	1800121-11 IRSite1-GW-01W48A -2018...	8.25e3	56.5	NO
6	6 13C4-PFOS	1800121-11 IRSite1-GW-01W48A -2018...	1.92e3	61.5	NO
7	7 13C6-PFDA	1800121-11 IRSite1-GW-01W48A -2018...	7.71e3	65.9	NO
8	8 13C7-PFUDa	1800121-11 IRSite1-GW-01W48A -2018...	9.50e3	65.9	NO

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Name: 180130M2_43, Date: 30-Jan-2018, Time: 19:35:04, ID: 1800121-12 IRSite1-GW-01W49A- 20180115 0.26214, Description: IRSite1-GW-01W49A- 20180115

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800121-12 IRSite1-GW-01W49A- 201...	6.50e3	72.5	NO
2	2	13C5-PFHxA	1800121-12 IRSite1-GW-01W49A- 201...	9.23e3	65.5	NO
3	3	13C3-PFHxS	1800121-12 IRSite1-GW-01W49A- 201...	2.11e3	63.7	NO
4	4	13C8-PFOA	1800121-12 IRSite1-GW-01W49A- 201...	8.87e3	67.3	NO
5	5	13C9-PFNA	1800121-12 IRSite1-GW-01W49A- 201...	8.75e3	60.0	NO
6	6	13C4-PFOS	1800121-12 IRSite1-GW-01W49A- 201...	2.22e3	71.0	NO
7	7	13C6-PFDA	1800121-12 IRSite1-GW-01W49A- 201...	6.06e3	51.8	NO
8	8	13C7-PFUDa	1800121-12 IRSite1-GW-01W49A- 201...	8.15e3	56.6	NO

Name: 180130M2_44, Date: 30-Jan-2018, Time: 19:46:34, ID: 1800121-13 IRSite1-GW-01W13A- 20180115 0.24739, Description: IRSite1-GW-01W13A- 20180115

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800121-13 IRSite1-GW-01W13A- 201...	6.61e3	73.7	NO
2	2	13C5-PFHxA	1800121-13 IRSite1-GW-01W13A- 201...	9.23e3	65.5	NO
3	3	13C3-PFHxS	1800121-13 IRSite1-GW-01W13A- 201...	2.47e3	74.9	NO
4	4	13C8-PFOA	1800121-13 IRSite1-GW-01W13A- 201...	9.97e3	75.7	NO
5	5	13C9-PFNA	1800121-13 IRSite1-GW-01W13A- 201...	8.70e3	59.6	NO
6	6	13C4-PFOS	1800121-13 IRSite1-GW-01W13A- 201...	2.25e3	71.8	NO
7	7	13C6-PFDA	1800121-13 IRSite1-GW-01W13A- 201...	7.94e3	67.8	NO
8	8	13C7-PFUDa	1800121-13 IRSite1-GW-01W13A- 201...	1.13e4	78.4	NO

Name: 180130M2_45, Date: 30-Jan-2018, Time: 19:58:03, ID: 1800121-14 DUP01-20180115 0.26578, Description: DUP01-20180115

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800121-14 DUP01-20180115 0.26578	7.15e3	79.8	NO
2	2	13C5-PFHxA	1800121-14 DUP01-20180115 0.26578	9.31e3	66.0	NO
3	3	13C3-PFHxS	1800121-14 DUP01-20180115 0.26578	2.57e3	77.8	NO
4	4	13C8-PFOA	1800121-14 DUP01-20180115 0.26578	9.39e3	71.2	NO
5	5	13C9-PFNA	1800121-14 DUP01-20180115 0.26578	8.58e3	58.8	NO
6	6	13C4-PFOS	1800121-14 DUP01-20180115 0.26578	2.76e3	88.3	NO
7	7	13C6-PFDA	1800121-14 DUP01-20180115 0.26578	8.79e3	75.1	NO
8	8	13C7-PFUDa	1800121-14 DUP01-20180115 0.26578	1.17e4	80.9	NO

Name: 180130M2_46, Date: 30-Jan-2018, Time: 20:09:34, ID: 1800132-14 PITTS-EB-011118-1400 0.12081, Description: PITTS-EB-011118-1400

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800132-14 PITTS-EB-011118-1400 0.1..	7.07e3	78.8	NO
2	2	13C5-PFHxA	1800132-14 PITTS-EB-011118-1400 0.1..	9.49e3	67.3	NO
3	3	13C3-PFHxS	1800132-14 PITTS-EB-011118-1400 0.1..	2.45e3	74.0	NO
4	4	13C8-PFOA	1800132-14 PITTS-EB-011118-1400 0.1..	9.59e3	72.7	NO
5	5	13C9-PFNA	1800132-14 PITTS-EB-011118-1400 0.1..	1.02e4	69.6	NO
6	6	13C4-PFOS	1800132-14 PITTS-EB-011118-1400 0.1..	2.41e3	77.1	NO
7	7	13C6-PFDA	1800132-14 PITTS-EB-011118-1400 0.1..	7.28e3	62.2	NO
8	8	13C7-PFUDa	1800132-14 PITTS-EB-011118-1400 0.1..	1.10e4	76.3	NO

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Name: 180130M2_47, Date: 30-Jan-2018, Time: 20:21:00, ID: B8A0140-BS1 OPR 0.25, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0140-BS1 OPR 0.25	8.56e3	95.5	NO
2	2 13C5-PFHxA	B8A0140-BS1 OPR 0.25	9.85e3	69.9	NO
3	3 13C3-PFHxS	B8A0140-BS1 OPR 0.25	2.40e3	72.7	NO
4	4 13C8-PFOA	B8A0140-BS1 OPR 0.25	1.03e4	77.9	NO
5	5 13C9-PFNA	B8A0140-BS1 OPR 0.25	9.43e3	64.6	NO
6	6 13C4-PFOS	B8A0140-BS1 OPR 0.25	2.27e3	72.6	NO
7	7 13C6-PFDA	B8A0140-BS1 OPR 0.25	9.01e3	77.0	NO
8	8 13C7-PFUDa	B8A0140-BS1 OPR 0.25	8.41e3	58.3	NO

Name: 180130M2_48, Date: 30-Jan-2018, Time: 20:32:30, ID: B8A0140-BSD1 LCSD 0.25, Description: LCSD

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0140-BSD1 LCSD 0.25	8.62e3	96.1	NO
2	2 13C5-PFHxA	B8A0140-BSD1 LCSD 0.25	9.56e3	67.8	NO
3	3 13C3-PFHxS	B8A0140-BSD1 LCSD 0.25	2.36e3	71.5	NO
4	4 13C8-PFOA	B8A0140-BSD1 LCSD 0.25	9.91e3	75.2	NO
5	5 13C9-PFNA	B8A0140-BSD1 LCSD 0.25	1.09e4	74.7	NO
6	6 13C4-PFOS	B8A0140-BSD1 LCSD 0.25	2.34e3	74.9	NO
7	7 13C6-PFDA	B8A0140-BSD1 LCSD 0.25	9.45e3	80.7	NO
8	8 13C7-PFUDa	B8A0140-BSD1 LCSD 0.25	1.18e4	82.1	NO

Name: 180130M2_49, Date: 30-Jan-2018, Time: 20:44:00, ID: B8A0140-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0140-BLK1 Method Blank 0.25	9.23e3	102.9	NO
2	2 13C5-PFHxA	B8A0140-BLK1 Method Blank 0.25	1.09e4	77.0	NO
3	3 13C3-PFHxS	B8A0140-BLK1 Method Blank 0.25	2.78e3	84.0	NO
4	4 13C8-PFOA	B8A0140-BLK1 Method Blank 0.25	1.15e4	87.3	NO
5	5 13C9-PFNA	B8A0140-BLK1 Method Blank 0.25	1.01e4	69.3	NO
6	6 13C4-PFOS	B8A0140-BLK1 Method Blank 0.25	2.24e3	71.6	NO
7	7 13C6-PFDA	B8A0140-BLK1 Method Blank 0.25	1.09e4	92.9	NO
8	8 13C7-PFUDa	B8A0140-BLK1 Method Blank 0.25	1.42e4	98.2	NO

Name: 180130M2_50, Date: 30-Jan-2018, Time: 20:55:29, ID: 1800127-01 EB02-20180116 0.27074, Description: EB02-20180116

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800127-01 EB02-20180116 0.27074	8.36e3	93.2	NO
2	2 13C5-PFHxA	1800127-01 EB02-20180116 0.27074	1.09e4	77.1	NO
3	3 13C3-PFHxS	1800127-01 EB02-20180116 0.27074	2.30e3	69.6	NO
4	4 13C8-PFOA	1800127-01 EB02-20180116 0.27074	9.27e3	70.3	NO
5	5 13C9-PFNA	1800127-01 EB02-20180116 0.27074	1.15e4	78.7	NO
6	6 13C4-PFOS	1800127-01 EB02-20180116 0.27074	2.59e3	82.8	NO
7	7 13C6-PFDA	1800127-01 EB02-20180116 0.27074	8.49e3	72.5	NO
8	8 13C7-PFUDa	1800127-01 EB02-20180116 0.27074	1.30e4	90.4	NO

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Name: 180130M2_51, Date: 30-Jan-2018, Time: 21:06:58, ID: 1800127-02 IRSite1-GW-01W53A-20180116 0.26369, Description: IRSite1-GW-01W53A-20180116

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800127-02 IRSite1-GW-01W53A-2018...	8.16e3	91.0	NO
2	2	13C5-PFHxA	1800127-02 IRSite1-GW-01W53A-2018...	9.39e3	66.6	NO
3	3	13C3-PFHxS	1800127-02 IRSite1-GW-01W53A-2018...	2.46e3	74.3	NO
4	4	13C8-PFOA	1800127-02 IRSite1-GW-01W53A-2018...	1.06e4	80.5	NO
5	5	13C9-PFNA	1800127-02 IRSite1-GW-01W53A-2018...	1.03e4	70.6	NO
6	6	13C4-PFOS	1800127-02 IRSite1-GW-01W53A-2018...	2.63e3	84.0	NO
7	7	13C6-PFDA	1800127-02 IRSite1-GW-01W53A-2018...	8.46e3	72.3	NO
8	8	13C7-PFUDa	1800127-02 IRSite1-GW-01W53A-2018...	1.05e4	72.6	NO

Name: 180130M2_52, Date: 30-Jan-2018, Time: 21:18:25, ID: 1800127-03 IRSite1-GW-MW80A-20180116 0.23471, Description: IRSite1-GW-MW80A-20180116

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800127-03 IRSite1-GW-MW80A-2018...	6.92e3	77.2	NO
2	2	13C5-PFHxA	1800127-03 IRSite1-GW-MW80A-2018...	8.20e3	58.2	NO
3	3	13C3-PFHxS	1800127-03 IRSite1-GW-MW80A-2018...	2.50e3	75.6	NO
4	4	13C8-PFOA	1800127-03 IRSite1-GW-MW80A-2018...	9.14e3	69.3	NO
5	5	13C9-PFNA	1800127-03 IRSite1-GW-MW80A-2018...	1.08e4	74.3	NO
6	6	13C4-PFOS	1800127-03 IRSite1-GW-MW80A-2018...	2.48e3	79.4	NO
7	7	13C6-PFDA	1800127-03 IRSite1-GW-MW80A-2018...	8.96e3	76.6	NO
8	8	13C7-PFUDa	1800127-03 IRSite1-GW-MW80A-2018...	1.29e4	89.3	NO

Name: 180130M2_53, Date: 30-Jan-2018, Time: 21:29:51, ID: 1800127-04 IRSite1-GW-01W28B-20180116 0.27609, Description: IRSite1-GW-01W28B-20180116

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800127-04 IRSite1-GW-01W28B-2018...	8.53e3	95.1	NO
2	2	13C5-PFHxA	1800127-04 IRSite1-GW-01W28B-2018...	1.05e4	74.3	NO
3	3	13C3-PFHxS	1800127-04 IRSite1-GW-01W28B-2018...	2.75e3	83.3	NO
4	4	13C8-PFOA	1800127-04 IRSite1-GW-01W28B-2018...	1.02e4	77.5	NO
5	5	13C9-PFNA	1800127-04 IRSite1-GW-01W28B-2018...	9.44e3	64.7	NO
6	6	13C4-PFOS	1800127-04 IRSite1-GW-01W28B-2018...	2.82e3	90.1	NO
7	7	13C6-PFDA	1800127-04 IRSite1-GW-01W28B-2018...	8.48e3	72.5	NO
8	8	13C7-PFUDa	1800127-04 IRSite1-GW-01W28B-2018...	8.81e3	61.1	NO

Name: 180130M2_54, Date: 30-Jan-2018, Time: 21:41:18, ID: 1800127-05 IRSite1-GW-01W38AR-20180116 0.26613, Description: IRSite1-GW-01W38AR-20180116

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800127-05 IRSite1-GW-01W38AR-20...	7.68e3	85.6	NO
2	2	13C5-PFHxA	1800127-05 IRSite1-GW-01W38AR-20...	9.09e3	64.5	NO
3	3	13C3-PFHxS	1800127-05 IRSite1-GW-01W38AR-20...	2.90e3	87.9	NO
4	4	13C8-PFOA	1800127-05 IRSite1-GW-01W38AR-20...	1.06e4	80.5	NO
5	5	13C9-PFNA	1800127-05 IRSite1-GW-01W38AR-20...	1.32e4	90.3	NO
6	6	13C4-PFOS	1800127-05 IRSite1-GW-01W38AR-20...	2.47e3	78.8	NO
7	7	13C6-PFDA	1800127-05 IRSite1-GW-01W38AR-20...	9.06e3	77.4	NO
8	8	13C7-PFUDa	1800127-05 IRSite1-GW-01W38AR-20...	9.40e3	65.2	NO

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Name: 180130M2_55, Date: 30-Jan-2018, Time: 21:52:45, ID: 1800127-06 IRSite1-GW-MW86A-20180116 0.26659, Description: IRSite1-GW-MW86A-20180116

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800127-06 IRSite1-GW-MW86A-2018...	7.60e3	84.8	NO
2	2 13C5-PFHxA	1800127-06 IRSite1-GW-MW86A-2018...	1.04e4	74.0	NO
3	3 13C3-PFHxS	1800127-06 IRSite1-GW-MW86A-2018...	2.54e3	77.0	NO
4	4 13C8-PFOA	1800127-06 IRSite1-GW-MW86A-2018...	1.08e4	81.6	NO
5	5 13C9-PFNA	1800127-06 IRSite1-GW-MW86A-2018...	9.52e3	65.2	NO
6	6 13C4-PFOS	1800127-06 IRSite1-GW-MW86A-2018...	2.40e3	76.6	NO
7	7 13C6-PFDA	1800127-06 IRSite1-GW-MW86A-2018...	8.45e3	72.2	NO
8	8 13C7-PFUDa	1800127-06 IRSite1-GW-MW86A-2018...	1.05e4	72.8	NO

Name: 180130M2_56, Date: 30-Jan-2018, Time: 22:04:12, ID: 1800127-07 IRSite1-GW-MW85A-20180116 0.23848, Description: IRSite1-GW-MW85A-20180116

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800127-07 IRSite1-GW-MW85A-2018...	6.97e3	77.8	NO
2	2 13C5-PFHxA	1800127-07 IRSite1-GW-MW85A-2018...	9.68e3	68.6	NO
3	3 13C3-PFHxS	1800127-07 IRSite1-GW-MW85A-2018...	2.30e3	69.6	NO
4	4 13C8-PFOA	1800127-07 IRSite1-GW-MW85A-2018...	9.86e3	74.8	NO
5	5 13C9-PFNA	1800127-07 IRSite1-GW-MW85A-2018...	1.02e4	69.9	NO
6	6 13C4-PFOS	1800127-07 IRSite1-GW-MW85A-2018...	2.51e3	80.3	NO
7	7 13C6-PFDA	1800127-07 IRSite1-GW-MW85A-2018...	8.03e3	68.6	NO
8	8 13C7-PFUDa	1800127-07 IRSite1-GW-MW85A-2018...	1.07e4	74.5	NO

Name: 180130M2_57, Date: 30-Jan-2018, Time: 22:15:39, ID: 1800127-08 DUP02-20180116 0.25425, Description: DUP02-20180116

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800127-08 DUP02-20180116 0.25425	7.69e3	85.8	NO
2	2 13C5-PFHxA	1800127-08 DUP02-20180116 0.25425	1.00e4	71.1	NO
3	3 13C3-PFHxS	1800127-08 DUP02-20180116 0.25425	2.56e3	77.4	NO
4	4 13C8-PFOA	1800127-08 DUP02-20180116 0.25425	9.61e3	72.9	NO
5	5 13C9-PFNA	1800127-08 DUP02-20180116 0.25425	1.06e4	72.9	NO
6	6 13C4-PFOS	1800127-08 DUP02-20180116 0.25425	2.56e3	82.0	NO
7	7 13C6-PFDA	1800127-08 DUP02-20180116 0.25425	7.32e3	62.6	NO
8	8 13C7-PFUDa	1800127-08 DUP02-20180116 0.25425	1.17e4	81.2	NO

Name: 180130M2_58, Date: 30-Jan-2018, Time: 22:27:06, ID: 1800127-09 IRSite1-GW-MW82A-20180116 0.26201, Description: IRSite1-GW-MW82A-20180116

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800127-09 IRSite1-GW-MW82A-2018...	7.72e3	86.1	NO
2	2 13C5-PFHxA	1800127-09 IRSite1-GW-MW82A-2018...	9.55e3	67.7	NO
3	3 13C3-PFHxS	1800127-09 IRSite1-GW-MW82A-2018...	2.44e3	73.7	NO
4	4 13C8-PFOA	1800127-09 IRSite1-GW-MW82A-2018...	8.23e3	62.4	NO
5	5 13C9-PFNA	1800127-09 IRSite1-GW-MW82A-2018...	9.22e3	63.2	NO
6	6 13C4-PFOS	1800127-09 IRSite1-GW-MW82A-2018...	2.28e3	72.9	NO
7	7 13C6-PFDA	1800127-09 IRSite1-GW-MW82A-2018...	8.90e3	76.0	NO
8	8 13C7-PFUDa	1800127-09 IRSite1-GW-MW82A-2018...	1.07e4	74.4	NO

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Name: 180130M2_59, Date: 30-Jan-2018, Time: 22:38:33, 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	7.32e0	0.1	YES
5	5 13C9-PFNA	IPA	7.25e0	0.0	YES
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 180130M2_60, Date: 30-Jan-2018, Time: 22:50:01, ID: ST180130M2-12 PFC CS0 18A1906, Description: PFC CS0 18A1906

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180130M2-12 PFC CS0 18A1906	9.88e3	110.2	NO
2	2 13C5-PFHxA	ST180130M2-12 PFC CS0 18A1906	1.52e4	108.0	NO
3	3 13C3-PFHxS	ST180130M2-12 PFC CS0 18A1906	3.89e3	117.7	NO
4	4 13C8-PFOA	ST180130M2-12 PFC CS0 18A1906	1.39e4	105.1	NO
5	5 13C9-PFNA	ST180130M2-12 PFC CS0 18A1906	1.43e4	97.9	NO
6	6 13C4-PFOS	ST180130M2-12 PFC CS0 18A1906	4.10e3	131.0	NO
7	7 13C6-PFDA	ST180130M2-12 PFC CS0 18A1906	1.44e4	122.9	NO
8	8 13C7-PFUdA	ST180130M2-12 PFC CS0 18A1906	1.62e4	112.2	NO

Name: 180130M2_61, Date: 30-Jan-2018, Time: 23:01:30, 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: 180130M2_62, Date: 30-Jan-2018, Time: 23:13:00, ID: 1800139-01 LH-TAP 0.27467, Description: LH-TAP

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800139-01 LH-TAP 0.27467	8.36e3	93.3	NO
2	2 13C5-PFHxA	1800139-01 LH-TAP 0.27467	1.04e4	74.0	NO
3	3 13C3-PFHxS	1800139-01 LH-TAP 0.27467	2.36e3	71.4	NO
4	4 13C8-PFOA	1800139-01 LH-TAP 0.27467	8.15e3	61.8	NO
5	5 13C9-PFNA	1800139-01 LH-TAP 0.27467	1.01e4	69.0	NO
6	6 13C4-PFOS	1800139-01 LH-TAP 0.27467	2.47e3	78.9	NO
7	7 13C6-PFDA	1800139-01 LH-TAP 0.27467	8.03e3	68.6	NO
8	8 13C7-PFUdA	1800139-01 LH-TAP 0.27467	1.05e4	72.5	NO

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Name: 180130M2_63, Date: 30-Jan-2018, Time: 23:24:27, ID: 1800139-02 LH-RAW 0.27394, Description: LH-RAW

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800139-02 LH-RAW 0.27394	8.80e3	98.1	NO
2	2 13C5-PFHxA	1800139-02 LH-RAW 0.27394	1.02e4	72.2	NO
3	3 13C3-PFHxS	1800139-02 LH-RAW 0.27394	2.64e3	79.7	NO
4	4 13C8-PFOA	1800139-02 LH-RAW 0.27394	1.07e4	80.9	NO
5	5 13C9-PFNA	1800139-02 LH-RAW 0.27394	1.01e4	69.2	NO
6	6 13C4-PFOS	1800139-02 LH-RAW 0.27394	2.28e3	72.9	NO
7	7 13C6-PFDA	1800139-02 LH-RAW 0.27394	7.65e3	65.4	NO
8	8 13C7-PFUDa	1800139-02 LH-RAW 0.27394	1.01e4	70.3	NO

Name: 180130M2_64, Date: 30-Jan-2018, Time: 23:35:57, ID: 1701953-01@10X CV-Dup09-20171213 0.2568, Description: CV-Dup09-20171213

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701953-01@10X CV-Dup09-20171213...	8.89e2	9.9	YES
2	2 13C5-PFHxA	1701953-01@10X CV-Dup09-20171213...	1.12e3	7.9	YES
3	3 13C3-PFHxS	1701953-01@10X CV-Dup09-20171213...	2.45e2	7.4	YES
4	4 13C8-PFOA	1701953-01@10X CV-Dup09-20171213...	1.08e3	8.2	YES
5	5 13C9-PFNA	1701953-01@10X CV-Dup09-20171213...	9.59e2	6.6	YES
6	6 13C4-PFOS	1701953-01@10X CV-Dup09-20171213...	2.78e2	8.9	YES
7	7 13C6-PFDA	1701953-01@10X CV-Dup09-20171213...	9.26e2	7.9	YES
8	8 13C7-PFUDa	1701953-01@10X CV-Dup09-20171213...	1.20e3	8.3	YES

Name: 180130M2_65, Date: 30-Jan-2018, Time: 23:47:26, ID: 1701953-10@10X SA-PZ118S-20171213 0.23505, Description: SA-PZ118S-20171213

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701953-10@10X SA-PZ118S-201712...	9.10e2	10.2	YES
2	2 13C5-PFHxA	1701953-10@10X SA-PZ118S-201712...	1.19e3	8.4	YES
3	3 13C3-PFHxS	1701953-10@10X SA-PZ118S-201712...	2.92e2	8.8	YES
4	4 13C8-PFOA	1701953-10@10X SA-PZ118S-201712...	1.07e3	8.1	YES
5	5 13C9-PFNA	1701953-10@10X SA-PZ118S-201712...	1.00e3	6.9	YES
6	6 13C4-PFOS	1701953-10@10X SA-PZ118S-201712...	2.02e2	6.4	YES
7	7 13C6-PFDA	1701953-10@10X SA-PZ118S-201712...	9.16e2	7.8	YES
8	8 13C7-PFUDa	1701953-10@10X SA-PZ118S-201712...	1.09e3	7.6	YES

Name: 180130M2_66, Date: 30-Jan-2018, Time: 23:58:55, 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

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Name: 180130M2_67, Date: 31-Jan-2018, Time: 00:10:22, ID: B7L0136-BLK1 Method Blank 0.0075, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0136-BLK1 Method Blank 0.0075	7.32e3	81.6	NO
2	2 13C5-PFHxA	B7L0136-BLK1 Method Blank 0.0075	9.76e3	69.2	NO
3	3 13C3-PFHxS	B7L0136-BLK1 Method Blank 0.0075	2.40e3	72.6	NO
4	4 13C8-PFOA	B7L0136-BLK1 Method Blank 0.0075	1.01e4	76.3	NO
5	5 13C9-PFNA	B7L0136-BLK1 Method Blank 0.0075	9.78e3	67.1	NO
6	6 13C4-PFOS	B7L0136-BLK1 Method Blank 0.0075	2.20e3	70.3	NO
7	7 13C6-PFDA	B7L0136-BLK1 Method Blank 0.0075	6.51e3	55.7	NO
8	8 13C7-PFUDa	B7L0136-BLK1 Method Blank 0.0075	1.10e4	76.1	NO

Name: 180130M2_68, Date: 31-Jan-2018, Time: 00:21:50, ID: B7L0136-BS1 OPR 0.0075, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0136-BS1 OPR 0.0075	7.80e3	87.0	NO
2	2 13C5-PFHxA	B7L0136-BS1 OPR 0.0075	9.62e3	68.2	NO
3	3 13C3-PFHxS	B7L0136-BS1 OPR 0.0075	2.29e3	69.3	NO
4	4 13C8-PFOA	B7L0136-BS1 OPR 0.0075	8.11e3	61.5	NO
5	5 13C9-PFNA	B7L0136-BS1 OPR 0.0075	9.72e3	66.6	NO
6	6 13C4-PFOS	B7L0136-BS1 OPR 0.0075	2.41e3	76.9	NO
7	7 13C6-PFDA	B7L0136-BS1 OPR 0.0075	7.64e3	65.3	NO
8	8 13C7-PFUDa	B7L0136-BS1 OPR 0.0075	1.00e4	69.6	NO

Name: 180130M2_69, Date: 31-Jan-2018, Time: 00:33:19, ID: B7L0136-BS2 OPR 0.0075, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0136-BS2 OPR 0.0075	8.04e3	89.7	NO
2	2 13C5-PFHxA	B7L0136-BS2 OPR 0.0075	9.31e3	66.0	NO
3	3 13C3-PFHxS	B7L0136-BS2 OPR 0.0075	2.23e3	67.5	NO
4	4 13C8-PFOA	B7L0136-BS2 OPR 0.0075	8.80e3	66.7	NO
5	5 13C9-PFNA	B7L0136-BS2 OPR 0.0075	9.41e3	64.5	NO
6	6 13C4-PFOS	B7L0136-BS2 OPR 0.0075	2.46e3	78.6	NO
7	7 13C6-PFDA	B7L0136-BS2 OPR 0.0075	8.79e3	75.1	NO
8	8 13C7-PFUDa	B7L0136-BS2 OPR 0.0075	1.16e4	80.2	NO

Name: 180130M2_70, Date: 31-Jan-2018, Time: 00:44:49, ID: B7L0136-BS3 OPR 0.0075, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0136-BS3 OPR 0.0075	8.54e3	95.2	NO
2	2 13C5-PFHxA	B7L0136-BS3 OPR 0.0075	8.83e3	62.6	NO
3	3 13C3-PFHxS	B7L0136-BS3 OPR 0.0075	2.59e3	78.3	NO
4	4 13C8-PFOA	B7L0136-BS3 OPR 0.0075	1.11e4	84.1	NO
5	5 13C9-PFNA	B7L0136-BS3 OPR 0.0075	1.15e4	78.6	NO
6	6 13C4-PFOS	B7L0136-BS3 OPR 0.0075	2.20e3	70.2	NO
7	7 13C6-PFDA	B7L0136-BS3 OPR 0.0075	8.25e3	70.5	NO
8	8 13C7-PFUDa	B7L0136-BS3 OPR 0.0075	1.14e4	79.4	NO

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Name: 180130M2_71, Date: 31-Jan-2018, Time: 00:56:18, ID: B7L0136-BS4 OPR 0.0075, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0136-BS4 OPR 0.0075	8.62e3	96.1	NO
2	2 13C5-PFHxA	B7L0136-BS4 OPR 0.0075	1.06e4	74.9	NO
3	3 13C3-PFHxS	B7L0136-BS4 OPR 0.0075	2.43e3	73.5	NO
4	4 13C8-PFOA	B7L0136-BS4 OPR 0.0075	8.33e3	63.2	NO
5	5 13C9-PFNA	B7L0136-BS4 OPR 0.0075	9.73e3	66.7	NO
6	6 13C4-PFOS	B7L0136-BS4 OPR 0.0075	2.47e3	79.0	NO
7	7 13C6-PFDA	B7L0136-BS4 OPR 0.0075	1.05e4	89.8	NO
8	8 13C7-PFUDa	B7L0136-BS4 OPR 0.0075	1.24e4	86.2	NO

Name: 180130M2_72, Date: 31-Jan-2018, Time: 01:07:47, ID: B7L0140-BS1 OPR 0.0075, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0140-BS1 OPR 0.0075	8.11e3	90.4	NO
2	2 13C5-PFHxA	B7L0140-BS1 OPR 0.0075	1.01e4	71.9	NO
3	3 13C3-PFHxS	B7L0140-BS1 OPR 0.0075	2.67e3	80.6	NO
4	4 13C8-PFOA	B7L0140-BS1 OPR 0.0075	8.48e3	64.3	NO
5	5 13C9-PFNA	B7L0140-BS1 OPR 0.0075	1.06e4	72.4	NO
6	6 13C4-PFOS	B7L0140-BS1 OPR 0.0075	2.55e3	81.5	NO
7	7 13C6-PFDA	B7L0140-BS1 OPR 0.0075	7.21e3	61.6	NO
8	8 13C7-PFUDa	B7L0140-BS1 OPR 0.0075	1.09e4	75.9	NO

Name: 180130M2_73, Date: 31-Jan-2018, Time: 01:19:13, ID: B7L0140-BSD1 LCSD 0.0075, Description: LCSD

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0140-BSD1 LCSD 0.0075	8.14e3	90.8	NO
2	2 13C5-PFHxA	B7L0140-BSD1 LCSD 0.0075	1.02e4	72.4	NO
3	3 13C3-PFHxS	B7L0140-BSD1 LCSD 0.0075	2.54e3	76.9	NO
4	4 13C8-PFOA	B7L0140-BSD1 LCSD 0.0075	9.70e3	73.6	NO
5	5 13C9-PFNA	B7L0140-BSD1 LCSD 0.0075	1.10e4	75.2	NO
6	6 13C4-PFOS	B7L0140-BSD1 LCSD 0.0075	2.68e3	85.8	NO
7	7 13C6-PFDA	B7L0140-BSD1 LCSD 0.0075	9.74e3	83.2	NO
8	8 13C7-PFUDa	B7L0140-BSD1 LCSD 0.0075	1.04e4	72.1	NO

Name: 180130M2_74, Date: 31-Jan-2018, Time: 01:30:42, ID: B7L0140-BLK1 Method Blank 0.0075, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0140-BLK1 Method Blank 0.0075	7.68e3	85.7	NO
2	2 13C5-PFHxA	B7L0140-BLK1 Method Blank 0.0075	9.10e3	64.5	NO
3	3 13C3-PFHxS	B7L0140-BLK1 Method Blank 0.0075	2.67e3	80.9	NO
4	4 13C8-PFOA	B7L0140-BLK1 Method Blank 0.0075	8.42e3	63.9	NO
5	5 13C9-PFNA	B7L0140-BLK1 Method Blank 0.0075	9.17e3	62.8	NO
6	6 13C4-PFOS	B7L0140-BLK1 Method Blank 0.0075	2.40e3	76.9	NO
7	7 13C6-PFDA	B7L0140-BLK1 Method Blank 0.0075	1.01e4	86.7	NO
8	8 13C7-PFUDa	B7L0140-BLK1 Method Blank 0.0075	1.08e4	75.1	NO

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Name: 180130M2_75, Date: 31-Jan-2018, Time: 01:42:11, ID: 1701882-02RE1 WI-A06-6-I-01-1217-TOP 0.0075,
Description: WI-A06-6-I-01-1217-TOP

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701882-02RE1 WI-A06-6-I-01-1217-T...	7.80e3	87.0	NO
2	2 13C5-PFHxA	1701882-02RE1 WI-A06-6-I-01-1217-T...	9.18e3	65.1	NO
3	3 13C3-PFHxS	1701882-02RE1 WI-A06-6-I-01-1217-T...	2.44e3	73.7	NO
4	4 13C8-PFOA	1701882-02RE1 WI-A06-6-I-01-1217-T...	1.01e4	76.4	NO
5	5 13C9-PFNA	1701882-02RE1 WI-A06-6-I-01-1217-T...	1.07e4	73.5	NO
6	6 13C4-PFOS	1701882-02RE1 WI-A06-6-I-01-1217-T...	2.54e3	81.3	NO
7	7 13C6-PFDA	1701882-02RE1 WI-A06-6-I-01-1217-T...	8.41e3	71.9	NO
8	8 13C7-PFUDa	1701882-02RE1 WI-A06-6-I-01-1217-T...	1.12e4	77.4	NO

Name: 180130M2_76, Date: 31-Jan-2018, Time: 01:53:42, ID: 1701882-04RE1 WI-A06-EB01-120517-TOP 0.0075,
Description: WI-A06-EB01-120517-TOP

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701882-04RE1 WI-A06-EB01-120517-...	8.76e3	97.7	NO
2	2 13C5-PFHxA	1701882-04RE1 WI-A06-EB01-120517-...	1.02e4	72.1	NO
3	3 13C3-PFHxS	1701882-04RE1 WI-A06-EB01-120517-...	2.99e3	90.4	NO
4	4 13C8-PFOA	1701882-04RE1 WI-A06-EB01-120517-...	1.12e4	84.6	NO
5	5 13C9-PFNA	1701882-04RE1 WI-A06-EB01-120517-...	9.99e3	68.5	NO
6	6 13C4-PFOS	1701882-04RE1 WI-A06-EB01-120517-...	2.80e3	89.6	NO
7	7 13C6-PFDA	1701882-04RE1 WI-A06-EB01-120517-...	9.12e3	77.9	NO
8	8 13C7-PFUDa	1701882-04RE1 WI-A06-EB01-120517-...	1.55e4	107.3	NO

Name: 180130M2_77, Date: 31-Jan-2018, Time: 02:05:12, ID: 1701882-06RE1 WI-A06-EB02-120517-TOP 0.0075,
Description: WI-A06-EB02-120517-TOP

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701882-06RE1 WI-A06-EB02-120517-...	8.22e3	91.7	NO
2	2 13C5-PFHxA	1701882-06RE1 WI-A06-EB02-120517-...	1.09e4	77.3	NO
3	3 13C3-PFHxS	1701882-06RE1 WI-A06-EB02-120517-...	2.75e3	83.3	NO
4	4 13C8-PFOA	1701882-06RE1 WI-A06-EB02-120517-...	1.01e4	76.5	NO
5	5 13C9-PFNA	1701882-06RE1 WI-A06-EB02-120517-...	1.13e4	77.7	NO
6	6 13C4-PFOS	1701882-06RE1 WI-A06-EB02-120517-...	2.60e3	83.3	NO
7	7 13C6-PFDA	1701882-06RE1 WI-A06-EB02-120517-...	1.10e4	94.0	NO
8	8 13C7-PFUDa	1701882-06RE1 WI-A06-EB02-120517-...	1.17e4	80.9	NO

Name: 180130M2_78, Date: 31-Jan-2018, Time: 02:16:41, ID: 1701882-08RE1 WI-A06-EFF01-1217-TOP 0.0075,
Description: WI-A06-EFF01-1217-TOP

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701882-08RE1 WI-A06-EFF01-1217-T...	7.98e3	89.1	NO
2	2 13C5-PFHxA	1701882-08RE1 WI-A06-EFF01-1217-T...	1.01e4	71.5	NO
3	3 13C3-PFHxS	1701882-08RE1 WI-A06-EFF01-1217-T...	2.53e3	76.4	NO
4	4 13C8-PFOA	1701882-08RE1 WI-A06-EFF01-1217-T...	8.67e3	65.8	NO
5	5 13C9-PFNA	1701882-08RE1 WI-A06-EFF01-1217-T...	9.31e3	63.8	NO
6	6 13C4-PFOS	1701882-08RE1 WI-A06-EFF01-1217-T...	2.15e3	68.8	NO
7	7 13C6-PFDA	1701882-08RE1 WI-A06-EFF01-1217-T...	9.30e3	79.5	NO
8	8 13C7-PFUDa	1701882-08RE1 WI-A06-EFF01-1217-T...	1.06e4	73.6	NO

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Name: 180130M2_79, Date: 31-Jan-2018, Time: 02:28:08, ID: 1701882-10RE1 WI-A06-EFF01P-1217-TOP 0.0075, Description: WI-A06-EFF01P-1217-TOP

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701882-10RE1 WI-A06-EFF01P-1217...	8.48e3	94.5	NO
2	2 13C5-PFHxA	1701882-10RE1 WI-A06-EFF01P-1217...	1.17e4	83.2	NO
3	3 13C3-PFHxS	1701882-10RE1 WI-A06-EFF01P-1217...	2.57e3	77.7	NO
4	4 13C8-PFOA	1701882-10RE1 WI-A06-EFF01P-1217...	8.82e3	66.9	NO
5	5 13C9-PFNA	1701882-10RE1 WI-A06-EFF01P-1217...	1.05e4	71.8	NO
6	6 13C4-PFOS	1701882-10RE1 WI-A06-EFF01P-1217...	2.36e3	75.6	NO
7	7 13C6-PFDA	1701882-10RE1 WI-A06-EFF01P-1217...	9.65e3	82.5	NO
8	8 13C7-PFUDa	1701882-10RE1 WI-A06-EFF01P-1217...	1.13e4	78.1	NO

Name: 180130M2_80, Date: 31-Jan-2018, Time: 02:39:37, ID: 1701882-12RE1 WI-A06-INF01-1217-TOP 0.0075, Description: WI-A06-INF01-1217-TOP

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701882-12RE1 WI-A06-INF01-1217-T...	8.74e3	97.5	NO
2	2 13C5-PFHxA	1701882-12RE1 WI-A06-INF01-1217-T...	1.06e4	75.2	NO
3	3 13C3-PFHxS	1701882-12RE1 WI-A06-INF01-1217-T...	2.68e3	81.0	NO
4	4 13C8-PFOA	1701882-12RE1 WI-A06-INF01-1217-T...	1.12e4	84.9	NO
5	5 13C9-PFNA	1701882-12RE1 WI-A06-INF01-1217-T...	1.11e4	76.0	NO
6	6 13C4-PFOS	1701882-12RE1 WI-A06-INF01-1217-T...	2.80e3	89.4	NO
7	7 13C6-PFDA	1701882-12RE1 WI-A06-INF01-1217-T...	1.11e4	95.0	NO
8	8 13C7-PFUDa	1701882-12RE1 WI-A06-INF01-1217-T...	1.22e4	85.0	NO

Name: 180130M2_81, Date: 31-Jan-2018, Time: 02:51:06, ID: 1701882-14RE1 WI-A06-P-4-1217-TOP 0.0075, Description: WI-A06-P-4-1217-TOP

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701882-14RE1 WI-A06-P-4-1217-TOP...	8.79e3	98.1	NO
2	2 13C5-PFHxA	1701882-14RE1 WI-A06-P-4-1217-TOP...	1.16e4	82.6	NO
3	3 13C3-PFHxS	1701882-14RE1 WI-A06-P-4-1217-TOP...	2.79e3	84.3	NO
4	4 13C8-PFOA	1701882-14RE1 WI-A06-P-4-1217-TOP...	1.17e4	88.4	NO
5	5 13C9-PFNA	1701882-14RE1 WI-A06-P-4-1217-TOP...	1.16e4	79.2	NO
6	6 13C4-PFOS	1701882-14RE1 WI-A06-P-4-1217-TOP...	2.54e3	81.1	NO
7	7 13C6-PFDA	1701882-14RE1 WI-A06-P-4-1217-TOP...	9.53e3	81.5	NO
8	8 13C7-PFUDa	1701882-14RE1 WI-A06-P-4-1217-TOP...	9.96e3	69.1	NO

Name: 180130M2_82, Date: 31-Jan-2018, Time: 03:02:33, ID: 1701882-16RE1 WI-A06-6-I-03-1217-TOP 0.0075, Description: WI-A06-6-I-03-1217-TOP

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701882-16RE1 WI-A06-6-I-03-1217-T...	8.34e3	93.1	NO
2	2 13C5-PFHxA	1701882-16RE1 WI-A06-6-I-03-1217-T...	1.01e4	71.6	NO
3	3 13C3-PFHxS	1701882-16RE1 WI-A06-6-I-03-1217-T...	2.65e3	80.3	NO
4	4 13C8-PFOA	1701882-16RE1 WI-A06-6-I-03-1217-T...	9.29e3	70.4	NO
5	5 13C9-PFNA	1701882-16RE1 WI-A06-6-I-03-1217-T...	1.17e4	79.9	NO
6	6 13C4-PFOS	1701882-16RE1 WI-A06-6-I-03-1217-T...	2.76e3	88.2	NO
7	7 13C6-PFDA	1701882-16RE1 WI-A06-6-I-03-1217-T...	9.40e3	80.3	NO
8	8 13C7-PFUDa	1701882-16RE1 WI-A06-6-I-03-1217-T...	1.20e4	83.4	NO

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Name: 180130M2_83, Date: 31-Jan-2018, Time: 03:14:03, 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: 180130M2_84, Date: 31-Jan-2018, Time: 03:25:32, ID: ST180130M2-13 PFC CS3 18A1909, Description: PFC CS3 18A1909

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180130M2-13 PFC CS3 18A1909	1.05e4	117.0	NO
2	2 13C5-PFHxA	ST180130M2-13 PFC CS3 18A1909	1.85e4	130.8	NO
3	3 13C3-PFHxS	ST180130M2-13 PFC CS3 18A1909	4.41e3	133.5	NO
4	4 13C8-PFOA	ST180130M2-13 PFC CS3 18A1909	1.50e4	113.7	NO
5	5 13C9-PFNA	ST180130M2-13 PFC CS3 18A1909	1.73e4	118.2	NO
6	6 13C4-PFOS	ST180130M2-13 PFC CS3 18A1909	3.88e3	124.2	NO
7	7 13C6-PFDA	ST180130M2-13 PFC CS3 18A1909	1.42e4	121.5	NO
8	8 13C7-PFUdA	ST180130M2-13 PFC CS3 18A1909	2.00e4	138.7	NO

Name: 180130M2_85, Date: 31-Jan-2018, Time: 03:37:02, 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: 180130M2_86, Date: 31-Jan-2018, Time: 03:48:35, ID: B8A0165-BS1 OPR 0.25, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0165-BS1 OPR 0.25	7.95e3	88.7	NO
2	2 13C5-PFHxA	B8A0165-BS1 OPR 0.25	9.15e3	64.9	NO
3	3 13C3-PFHxS	B8A0165-BS1 OPR 0.25	2.91e3	88.1	NO
4	4 13C8-PFOA	B8A0165-BS1 OPR 0.25	8.55e3	64.8	NO
5	5 13C9-PFNA	B8A0165-BS1 OPR 0.25	8.37e3	57.4	NO
6	6 13C4-PFOS	B8A0165-BS1 OPR 0.25	2.54e3	81.4	NO
7	7 13C6-PFDA	B8A0165-BS1 OPR 0.25	8.36e3	71.5	NO
8	8 13C7-PFUdA	B8A0165-BS1 OPR 0.25	1.27e4	88.1	NO

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Name: 180130M2_87, Date: 31-Jan-2018, Time: 03:59:59, ID: B8A0165-BSD1 LCSD 0.25, Description: LCSD

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0165-BSD1 LCSD 0.25	8.82e3	98.4	NO
2	2 13C5-PFHxA	B8A0165-BSD1 LCSD 0.25	1.04e4	73.7	NO
3	3 13C3-PFHxS	B8A0165-BSD1 LCSD 0.25	3.22e3	97.3	NO
4	4 13C8-PFOA	B8A0165-BSD1 LCSD 0.25	9.44e3	71.6	NO
5	5 13C9-PFNA	B8A0165-BSD1 LCSD 0.25	9.82e3	67.3	NO
6	6 13C4-PFOS	B8A0165-BSD1 LCSD 0.25	2.90e3	92.6	NO
7	7 13C6-PFDA	B8A0165-BSD1 LCSD 0.25	1.06e4	90.7	NO
8	8 13C7-PFUDa	B8A0165-BSD1 LCSD 0.25	1.15e4	79.6	NO

Name: 180130M2_88, Date: 31-Jan-2018, Time: 04:11:26, ID: B8A0165-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0165-BLK1 Method Blank 0.25	8.19e3	91.3	NO
2	2 13C5-PFHxA	B8A0165-BLK1 Method Blank 0.25	1.08e4	76.9	NO
3	3 13C3-PFHxS	B8A0165-BLK1 Method Blank 0.25	2.81e3	85.0	NO
4	4 13C8-PFOA	B8A0165-BLK1 Method Blank 0.25	7.78e3	59.0	NO
5	5 13C9-PFNA	B8A0165-BLK1 Method Blank 0.25	1.08e4	74.3	NO
6	6 13C4-PFOS	B8A0165-BLK1 Method Blank 0.25	2.84e3	90.9	NO
7	7 13C6-PFDA	B8A0165-BLK1 Method Blank 0.25	9.85e3	84.2	NO
8	8 13C7-PFUDa	B8A0165-BLK1 Method Blank 0.25	9.56e3	66.4	NO

Name: 180130M2_89, Date: 31-Jan-2018, Time: 04:22:53, ID: 1800186-01 REEPDW132 0.12041, Description: REEPDW132

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800186-01 REEPDW132 0.12041	7.45e3	83.1	NO
2	2 13C5-PFHxA	1800186-01 REEPDW132 0.12041	9.09e3	64.5	NO
3	3 13C3-PFHxS	1800186-01 REEPDW132 0.12041	3.02e3	91.5	NO
4	4 13C8-PFOA	1800186-01 REEPDW132 0.12041	8.69e3	65.9	NO
5	5 13C9-PFNA	1800186-01 REEPDW132 0.12041	8.43e3	57.7	NO
6	6 13C4-PFOS	1800186-01 REEPDW132 0.12041	2.54e3	81.2	NO
7	7 13C6-PFDA	1800186-01 REEPDW132 0.12041	6.88e3	58.8	NO
8	8 13C7-PFUDa	1800186-01 REEPDW132 0.12041	9.83e3	68.2	NO

Name: 180130M2_90, Date: 31-Jan-2018, Time: 04:34:22, ID: 1800186-02 REEPDW133 0.12113, Description: REEPDW133

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800186-02 REEPDW133 0.12113	6.64e3	74.1	NO
2	2 13C5-PFHxA	1800186-02 REEPDW133 0.12113	7.45e3	52.9	NO
3	3 13C3-PFHxS	1800186-02 REEPDW133 0.12113	2.53e3	76.5	NO
4	4 13C8-PFOA	1800186-02 REEPDW133 0.12113	6.27e3	47.6	YES
5	5 13C9-PFNA	1800186-02 REEPDW133 0.12113	5.76e3	39.5	YES
6	6 13C4-PFOS	1800186-02 REEPDW133 0.12113	2.74e3	87.6	NO
7	7 13C6-PFDA	1800186-02 REEPDW133 0.12113	7.10e3	60.7	NO
8	8 13C7-PFUDa	1800186-02 REEPDW133 0.12113	7.99e3	55.5	NO

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Name: 180130M2_91, Date: 31-Jan-2018, Time: 04:45:52, ID: 1800186-03 REEPDW134 0.12099, Description: REEPDW134

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800186-03 REEPDW134 0.12099	6.82e3	76.1	NO
2	2 13C5-PFHxA	1800186-03 REEPDW134 0.12099	8.44e3	59.8	NO
3	3 13C3-PFHxS	1800186-03 REEPDW134 0.12099	3.00e3	90.7	NO
4	4 13C8-PFOA	1800186-03 REEPDW134 0.12099	7.34e3	55.7	NO
5	5 13C9-PFNA	1800186-03 REEPDW134 0.12099	7.39e3	50.7	NO
6	6 13C4-PFOS	1800186-03 REEPDW134 0.12099	2.90e3	92.6	NO
7	7 13C6-PFDA	1800186-03 REEPDW134 0.12099	7.25e3	61.9	NO
8	8 13C7-PFUDa	1800186-03 REEPDW134 0.12099	9.10e3	63.1	NO

Name: 180130M2_92, Date: 31-Jan-2018, Time: 04:57:21, ID: 1800196-01 GW1519180119RAP 0.26117, Description: GW1519180119RAP

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800196-01 GW1519180119RAP 0.261...	8.61e3	96.1	NO
2	2 13C5-PFHxA	1800196-01 GW1519180119RAP 0.261...	1.02e4	72.5	NO
3	3 13C3-PFHxS	1800196-01 GW1519180119RAP 0.261...	2.66e3	80.5	NO
4	4 13C8-PFOA	1800196-01 GW1519180119RAP 0.261...	8.33e3	63.2	NO
5	5 13C9-PFNA	1800196-01 GW1519180119RAP 0.261...	8.75e3	60.0	NO
6	6 13C4-PFOS	1800196-01 GW1519180119RAP 0.261...	2.16e3	68.9	NO
7	7 13C6-PFDA	1800196-01 GW1519180119RAP 0.261...	7.96e3	68.1	NO
8	8 13C7-PFUDa	1800196-01 GW1519180119RAP 0.261...	1.31e4	91.2	NO

Name: 180130M2_93, Date: 31-Jan-2018, Time: 05:08:48, ID: 1800196-02 GW2529180119RAP 0.26519, Description: GW2529180119RAP

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800196-02 GW2529180119RAP 0.265...	9.17e3	102.3	NO
2	2 13C5-PFHxA	1800196-02 GW2529180119RAP 0.265...	1.13e4	80.5	NO
3	3 13C3-PFHxS	1800196-02 GW2529180119RAP 0.265...	2.78e3	84.1	NO
4	4 13C8-PFOA	1800196-02 GW2529180119RAP 0.265...	1.05e4	79.9	NO
5	5 13C9-PFNA	1800196-02 GW2529180119RAP 0.265...	9.30e3	63.8	NO
6	6 13C4-PFOS	1800196-02 GW2529180119RAP 0.265...	2.75e3	88.1	NO
7	7 13C6-PFDA	1800196-02 GW2529180119RAP 0.265...	9.59e3	81.9	NO
8	8 13C7-PFUDa	1800196-02 GW2529180119RAP 0.265...	1.12e4	77.4	NO

Name: 180130M2_94, Date: 31-Jan-2018, Time: 05:20:17, ID: 1800196-03 GW3539180119RAP 0.26249, Description: GW3539180119RAP

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800196-03 GW3539180119RAP 0.262...	9.42e3	105.1	NO
2	2 13C5-PFHxA	1800196-03 GW3539180119RAP 0.262...	1.06e4	75.3	NO
3	3 13C3-PFHxS	1800196-03 GW3539180119RAP 0.262...	3.14e3	94.9	NO
4	4 13C8-PFOA	1800196-03 GW3539180119RAP 0.262...	9.70e3	73.6	NO
5	5 13C9-PFNA	1800196-03 GW3539180119RAP 0.262...	1.01e4	69.6	NO
6	6 13C4-PFOS	1800196-03 GW3539180119RAP 0.262...	3.08e3	98.6	NO
7	7 13C6-PFDA	1800196-03 GW3539180119RAP 0.262...	8.59e3	73.4	NO
8	8 13C7-PFUDa	1800196-03 GW3539180119RAP 0.262...	1.14e4	78.8	NO

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Name: 180130M2_95, Date: 31-Jan-2018, Time: 05:31:47, ID: 1800207-01 SPLP Solution #1, Description:

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800207-01 SPLP Solution #1	9.14e3	101.9	NO
2	2 13C5-PFHxA	1800207-01 SPLP Solution #1	1.13e4	80.3	NO
3	3 13C3-PFHxS	1800207-01 SPLP Solution #1	3.11e3	94.2	NO
4	4 13C8-PFOA	1800207-01 SPLP Solution #1	9.56e3	72.5	NO
5	5 13C9-PFNA	1800207-01 SPLP Solution #1	1.02e4	70.2	NO
6	6 13C4-PFOS	1800207-01 SPLP Solution #1	2.88e3	92.1	NO
7	7 13C6-PFDA	1800207-01 SPLP Solution #1	8.68e3	74.2	NO
8	8 13C7-PFUDa	1800207-01 SPLP Solution #1	1.20e4	83.5	NO

Name: 180130M2_96, Date: 31-Jan-2018, Time: 05:43:14, ID: 1800207-02 SPLP Solution #2, Description:

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800207-02 SPLP Solution #2	9.77e3	108.9	NO
2	2 13C5-PFHxA	1800207-02 SPLP Solution #2	1.13e4	80.3	NO
3	3 13C3-PFHxS	1800207-02 SPLP Solution #2	3.18e3	96.2	NO
4	4 13C8-PFOA	1800207-02 SPLP Solution #2	1.04e4	78.7	NO
5	5 13C9-PFNA	1800207-02 SPLP Solution #2	1.00e4	68.7	NO
6	6 13C4-PFOS	1800207-02 SPLP Solution #2	2.93e3	93.7	NO
7	7 13C6-PFDA	1800207-02 SPLP Solution #2	1.06e4	90.5	NO
8	8 13C7-PFUDa	1800207-02 SPLP Solution #2	1.43e4	99.3	NO

Name: 180130M2_97, Date: 31-Jan-2018, Time: 05:54:41, ID: 1800207-03 TCLP Solution #1 0.12117, Description: TCLP Solution #1

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800207-03 TCLP Solution #1 0.12117	9.92e3	110.6	NO
2	2 13C5-PFHxA	1800207-03 TCLP Solution #1 0.12117	1.22e4	86.8	NO
3	3 13C3-PFHxS	1800207-03 TCLP Solution #1 0.12117	3.01e3	91.0	NO
4	4 13C8-PFOA	1800207-03 TCLP Solution #1 0.12117	1.01e4	76.9	NO
5	5 13C9-PFNA	1800207-03 TCLP Solution #1 0.12117	1.23e4	84.3	NO
6	6 13C4-PFOS	1800207-03 TCLP Solution #1 0.12117	2.66e3	85.1	NO
7	7 13C6-PFDA	1800207-03 TCLP Solution #1 0.12117	8.70e3	74.4	NO
8	8 13C7-PFUDa	1800207-03 TCLP Solution #1 0.12117	1.25e4	86.9	NO

Name: 180130M2_98, Date: 31-Jan-2018, Time: 06:06:08, ID: 1800207-04 TCLP Solution #2 0.12163, Description: TCLP Solution #2

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800207-04 TCLP Solution #2 0.12163	9.72e3	108.4	NO
2	2 13C5-PFHxA	1800207-04 TCLP Solution #2 0.12163	1.11e4	78.4	NO
3	3 13C3-PFHxS	1800207-04 TCLP Solution #2 0.12163	2.88e3	87.3	NO
4	4 13C8-PFOA	1800207-04 TCLP Solution #2 0.12163	1.10e4	83.4	NO
5	5 13C9-PFNA	1800207-04 TCLP Solution #2 0.12163	1.13e4	77.5	NO
6	6 13C4-PFOS	1800207-04 TCLP Solution #2 0.12163	2.93e3	93.8	NO
7	7 13C6-PFDA	1800207-04 TCLP Solution #2 0.12163	8.61e3	73.5	NO
8	8 13C7-PFUDa	1800207-04 TCLP Solution #2 0.12163	1.17e4	81.3	NO

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Name: 180130M2_99, Date: 31-Jan-2018, Time: 06:17:37, 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: 180130M2_100, Date: 31-Jan-2018, Time: 06:29:06, ID: ST180130M2-14 PFC CS3 18A1909, Description: PFC CS3 18A1909

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180130M2-14 PFC CS3 18A1909	1.14e4	127.3	NO
2	2 13C5-PFHxA	ST180130M2-14 PFC CS3 18A1909	1.78e4	126.2	NO
3	3 13C3-PFHxS	ST180130M2-14 PFC CS3 18A1909	3.93e3	118.9	NO
4	4 13C8-PFOA	ST180130M2-14 PFC CS3 18A1909	1.71e4	129.5	NO
5	5 13C9-PFNA	ST180130M2-14 PFC CS3 18A1909	1.75e4	119.8	NO
6	6 13C4-PFOS	ST180130M2-14 PFC CS3 18A1909	4.06e3	129.9	NO
7	7 13C6-PFDA	ST180130M2-14 PFC CS3 18A1909	1.58e4	134.6	NO
8	8 13C7-PFUdA	ST180130M2-14 PFC CS3 18A1909	1.66e4	115.3	NO

Name: 180130M2_101, Date: 31-Jan-2018, Time: 06:40:36, 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: 180130M2_102, Date: 31-Jan-2018, Time: 06:52:05, ID: B8A0119-BS1 OPR 1, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0119-BS1 OPR 1	1.06e4	118.6	NO
2	2 13C5-PFHxA	B8A0119-BS1 OPR 1	1.25e4	88.4	NO
3	3 13C3-PFHxS	B8A0119-BS1 OPR 1	2.95e3	89.2	NO
4	4 13C8-PFOA	B8A0119-BS1 OPR 1	1.06e4	80.3	NO
5	5 13C9-PFNA	B8A0119-BS1 OPR 1	8.92e3	61.1	NO
6	6 13C4-PFOS	B8A0119-BS1 OPR 1	1.50e3	48.0	YES
7	7 13C6-PFDA	B8A0119-BS1 OPR 1	4.26e3	36.4	YES
8	8 13C7-PFUdA	B8A0119-BS1 OPR 1	2.55e3	17.7	YES

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Name: 180130M2_103, Date: 31-Jan-2018, Time: 07:03:32, ID: B8A0119-BLK1 Method Blank 1, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0119-BLK1 Method Blank 1	1.09e4	121.3	NO
2	2 13C5-PFHxA	B8A0119-BLK1 Method Blank 1	1.20e4	84.8	NO
3	3 13C3-PFHxS	B8A0119-BLK1 Method Blank 1	2.85e3	86.2	NO
4	4 13C8-PFOA	B8A0119-BLK1 Method Blank 1	8.87e3	67.3	NO
5	5 13C9-PFNA	B8A0119-BLK1 Method Blank 1	7.34e3	50.3	NO
6	6 13C4-PFOS	B8A0119-BLK1 Method Blank 1	1.65e3	52.8	NO
7	7 13C6-PFDA	B8A0119-BLK1 Method Blank 1	5.44e3	46.5	YES
8	8 13C7-PFUDa	B8A0119-BLK1 Method Blank 1	3.60e3	25.0	YES

Name: 180130M2_104, Date: 31-Jan-2018, Time: 07:14:59, ID: B8A0119-MS1 Matrix Spike 1.23, Description: Matrix Spike

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0119-MS1 Matrix Spike 1.23	1.07e4	119.2	NO
2	2 13C5-PFHxA	B8A0119-MS1 Matrix Spike 1.23	1.34e4	94.7	NO
3	3 13C3-PFHxS	B8A0119-MS1 Matrix Spike 1.23	2.51e3	76.0	NO
4	4 13C8-PFOA	B8A0119-MS1 Matrix Spike 1.23	9.61e3	72.9	NO
5	5 13C9-PFNA	B8A0119-MS1 Matrix Spike 1.23	9.66e3	66.2	NO
6	6 13C4-PFOS	B8A0119-MS1 Matrix Spike 1.23	1.79e3	57.3	NO
7	7 13C6-PFDA	B8A0119-MS1 Matrix Spike 1.23	7.18e3	61.4	NO
8	8 13C7-PFUDa	B8A0119-MS1 Matrix Spike 1.23	3.62e3	25.1	YES

Name: 180130M2_105, Date: 31-Jan-2018, Time: 07:26:25, ID: B8A0119-MSD1 Matrix Spike Dup 1.13, Description: Matrix Spike Dup

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0119-MSD1 Matrix Spike Dup 1.13	1.01e4	113.1	NO
2	2 13C5-PFHxA	B8A0119-MSD1 Matrix Spike Dup 1.13	1.20e4	85.1	NO
3	3 13C3-PFHxS	B8A0119-MSD1 Matrix Spike Dup 1.13	2.92e3	88.5	NO
4	4 13C8-PFOA	B8A0119-MSD1 Matrix Spike Dup 1.13	1.17e4	88.6	NO
5	5 13C9-PFNA	B8A0119-MSD1 Matrix Spike Dup 1.13	9.43e3	64.6	NO
6	6 13C4-PFOS	B8A0119-MSD1 Matrix Spike Dup 1.13	1.90e3	60.8	NO
7	7 13C6-PFDA	B8A0119-MSD1 Matrix Spike Dup 1.13	5.99e3	51.2	NO
8	8 13C7-PFUDa	B8A0119-MSD1 Matrix Spike Dup 1.13	3.14e3	21.8	YES

Name: 180130M2_106, Date: 31-Jan-2018, Time: 07:37:52, ID: 1800098-01 MINNE-09-SB01-010818-00-02 1.16, Description: MINNE-09-SB01-010818-00-02

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800098-01 MINNE-09-SB01-010818-0...	9.33e3	104.0	NO
2	2 13C5-PFHxA	1800098-01 MINNE-09-SB01-010818-0...	1.15e4	81.6	NO
3	3 13C3-PFHxS	1800098-01 MINNE-09-SB01-010818-0...	2.84e3	86.1	NO
4	4 13C8-PFOA	1800098-01 MINNE-09-SB01-010818-0...	1.11e4	83.8	NO
5	5 13C9-PFNA	1800098-01 MINNE-09-SB01-010818-0...	9.67e3	66.3	NO
6	6 13C4-PFOS	1800098-01 MINNE-09-SB01-010818-0...	2.44e3	78.1	NO
7	7 13C6-PFDA	1800098-01 MINNE-09-SB01-010818-0...	6.17e3	52.7	NO
8	8 13C7-PFUDa	1800098-01 MINNE-09-SB01-010818-0...	6.77e3	47.0	YES

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Name: 180130M2_107, Date: 31-Jan-2018, Time: 07:49:22, ID: 1800098-02 MINNE-09-SB01-010818-16-18 1.17,
Description: MINNE-09-SB01-010818-16-18

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800098-02 MINNE-09-SB01-010818-1...	1.03e4	114.6	NO
2	2 13C5-PFHxA	1800098-02 MINNE-09-SB01-010818-1...	1.18e4	84.0	NO
3	3 13C3-PFHxS	1800098-02 MINNE-09-SB01-010818-1...	2.62e3	79.2	NO
4	4 13C8-PFOA	1800098-02 MINNE-09-SB01-010818-1...	1.01e4	76.6	NO
5	5 13C9-PFNA	1800098-02 MINNE-09-SB01-010818-1...	1.12e4	76.6	NO
6	6 13C4-PFOS	1800098-02 MINNE-09-SB01-010818-1...	1.57e3	50.1	NO
7	7 13C6-PFDA	1800098-02 MINNE-09-SB01-010818-1...	5.90e3	50.4	NO
8	8 13C7-PFUDa	1800098-02 MINNE-09-SB01-010818-1...	2.12e3	14.7	YES

Name: 180130M2_108, Date: 31-Jan-2018, Time: 08:00:51, ID: 1800098-03 MINNE-09-SB03-010818-01-02 1.21,
Description: MINNE-09-SB03-010818-01-02

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800098-03 MINNE-09-SB03-010818-0...	1.02e4	113.9	NO
2	2 13C5-PFHxA	1800098-03 MINNE-09-SB03-010818-0...	1.13e4	80.3	NO
3	3 13C3-PFHxS	1800098-03 MINNE-09-SB03-010818-0...	2.71e3	81.9	NO
4	4 13C8-PFOA	1800098-03 MINNE-09-SB03-010818-0...	1.03e4	78.0	NO
5	5 13C9-PFNA	1800098-03 MINNE-09-SB03-010818-0...	1.15e4	79.1	NO
6	6 13C4-PFOS	1800098-03 MINNE-09-SB03-010818-0...	2.16e3	69.0	NO
7	7 13C6-PFDA	1800098-03 MINNE-09-SB03-010818-0...	7.11e3	60.8	NO
8	8 13C7-PFUDa	1800098-03 MINNE-09-SB03-010818-0...	2.89e3	20.1	YES

Name: 180130M2_109, Date: 31-Jan-2018, Time: 08:12:21, ID: 1800098-04 MINNE-09-SB03-010818-15-17 1.13,
Description: MINNE-09-SB03-010818-15-17

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800098-04 MINNE-09-SB03-010818-1...	1.06e4	118.7	NO
2	2 13C5-PFHxA	1800098-04 MINNE-09-SB03-010818-1...	1.29e4	91.3	NO
3	3 13C3-PFHxS	1800098-04 MINNE-09-SB03-010818-1...	3.10e3	93.9	NO
4	4 13C8-PFOA	1800098-04 MINNE-09-SB03-010818-1...	1.13e4	85.8	NO
5	5 13C9-PFNA	1800098-04 MINNE-09-SB03-010818-1...	9.27e3	63.5	NO
6	6 13C4-PFOS	1800098-04 MINNE-09-SB03-010818-1...	1.98e3	63.2	NO
7	7 13C6-PFDA	1800098-04 MINNE-09-SB03-010818-1...	5.39e3	46.1	YES
8	8 13C7-PFUDa	1800098-04 MINNE-09-SB03-010818-1...	2.44e3	16.9	YES

Name: 180130M2_110, Date: 31-Jan-2018, Time: 08:23:50, ID: 1800098-05 MINNE-10-SB01-010818-00-02 1.3,
Description: MINNE-10-SB01-010818-00-02

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800098-05 MINNE-10-SB01-010818-0...	9.89e3	110.3	NO
2	2 13C5-PFHxA	1800098-05 MINNE-10-SB01-010818-0...	1.20e4	85.2	NO
3	3 13C3-PFHxS	1800098-05 MINNE-10-SB01-010818-0...	2.99e3	90.6	NO
4	4 13C8-PFOA	1800098-05 MINNE-10-SB01-010818-0...	1.04e4	79.0	NO
5	5 13C9-PFNA	1800098-05 MINNE-10-SB01-010818-0...	1.12e4	76.6	NO
6	6 13C4-PFOS	1800098-05 MINNE-10-SB01-010818-0...	2.16e3	69.1	NO
7	7 13C6-PFDA	1800098-05 MINNE-10-SB01-010818-0...	5.69e3	48.6	YES
8	8 13C7-PFUDa	1800098-05 MINNE-10-SB01-010818-0...	2.99e3	20.8	YES

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Name: 180130M2_111, Date: 31-Jan-2018, Time: 08:35:17, ID: 1800098-06 MINNE-10-SB01-010818-09-11 1.13, Description: MINNE-10-SB01-010818-09-11

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800098-06 MINNE-10-SB01-010818-0...	1.07e4	119.0	NO
2	2 13C5-PFHxA	1800098-06 MINNE-10-SB01-010818-0...	1.39e4	98.3	NO
3	3 13C3-PFHxS	1800098-06 MINNE-10-SB01-010818-0...	2.98e3	90.0	NO
4	4 13C8-PFOA	1800098-06 MINNE-10-SB01-010818-0...	1.09e4	82.3	NO
5	5 13C9-PFNA	1800098-06 MINNE-10-SB01-010818-0...	8.90e3	61.0	NO
6	6 13C4-PFOS	1800098-06 MINNE-10-SB01-010818-0...	2.13e3	68.0	NO
7	7 13C6-PFDA	1800098-06 MINNE-10-SB01-010818-0...	5.20e3	44.4	YES
8	8 13C7-PFUDa	1800098-06 MINNE-10-SB01-010818-0...	2.66e3	18.4	YES

Name: 180130M2_112, Date: 31-Jan-2018, Time: 08:46:43, ID: 1800098-07 MINNE-10-SB03-010818-00-02 1.29, Description: MINNE-10-SB03-010818-00-02

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800098-07 MINNE-10-SB03-010818-0...	9.60e3	107.1	NO
2	2 13C5-PFHxA	1800098-07 MINNE-10-SB03-010818-0...	1.24e4	88.0	NO
3	3 13C3-PFHxS	1800098-07 MINNE-10-SB03-010818-0...	2.99e3	90.5	NO
4	4 13C8-PFOA	1800098-07 MINNE-10-SB03-010818-0...	1.13e4	85.4	NO
5	5 13C9-PFNA	1800098-07 MINNE-10-SB03-010818-0...	1.20e4	82.4	NO
6	6 13C4-PFOS	1800098-07 MINNE-10-SB03-010818-0...	1.97e3	62.9	NO
7	7 13C6-PFDA	1800098-07 MINNE-10-SB03-010818-0...	7.84e3	67.0	NO
8	8 13C7-PFUDa	1800098-07 MINNE-10-SB03-010818-0...	3.98e3	27.6	YES

Name: 180130M2_113, Date: 31-Jan-2018, Time: 08:58:11, ID: 1800098-08 MINNE-10-SB03-010818-15-16 1.22, Description: MINNE-10-SB03-010818-15-16

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800098-08 MINNE-10-SB03-010818-1...	1.03e4	114.3	NO
2	2 13C5-PFHxA	1800098-08 MINNE-10-SB03-010818-1...	1.21e4	86.1	NO
3	3 13C3-PFHxS	1800098-08 MINNE-10-SB03-010818-1...	2.91e3	88.0	NO
4	4 13C8-PFOA	1800098-08 MINNE-10-SB03-010818-1...	1.07e4	81.5	NO
5	5 13C9-PFNA	1800098-08 MINNE-10-SB03-010818-1...	1.09e4	74.6	NO
6	6 13C4-PFOS	1800098-08 MINNE-10-SB03-010818-1...	1.80e3	57.6	NO
7	7 13C6-PFDA	1800098-08 MINNE-10-SB03-010818-1...	6.05e3	51.7	NO
8	8 13C7-PFUDa	1800098-08 MINNE-10-SB03-010818-1...	3.14e3	21.8	YES

Name: 180130M2_114, Date: 31-Jan-2018, Time: 09:09:38, ID: 1800098-09 MINNE-10-SB04-010818-01-02 1.16, Description: MINNE-10-SB04-010818-01-02

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800098-09 MINNE-10-SB04-010818-0...	9.91e3	110.5	NO
2	2 13C5-PFHxA	1800098-09 MINNE-10-SB04-010818-0...	1.21e4	86.0	NO
3	3 13C3-PFHxS	1800098-09 MINNE-10-SB04-010818-0...	2.63e3	79.6	NO
4	4 13C8-PFOA	1800098-09 MINNE-10-SB04-010818-0...	1.12e4	85.2	NO
5	5 13C9-PFNA	1800098-09 MINNE-10-SB04-010818-0...	9.60e3	65.8	NO
6	6 13C4-PFOS	1800098-09 MINNE-10-SB04-010818-0...	1.57e3	50.3	NO
7	7 13C6-PFDA	1800098-09 MINNE-10-SB04-010818-0...	6.04e3	51.7	NO
8	8 13C7-PFUDa	1800098-09 MINNE-10-SB04-010818-0...	2.57e3	17.8	YES

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Name: 180130M2_115, Date: 31-Jan-2018, Time: 09:21:06, ID: 1800098-11 MINNE-SO-DUP01-010818 1.18, Description: MINNE-SO-DUP01-010818

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800098-11 MINNE-SO-DUP01-010818...	9.71e3	108.3	NO
2	2 13C5-PFHxA	1800098-11 MINNE-SO-DUP01-010818...	1.24e4	88.0	NO
3	3 13C3-PFHxS	1800098-11 MINNE-SO-DUP01-010818...	3.24e3	97.9	NO
4	4 13C8-PFOA	1800098-11 MINNE-SO-DUP01-010818...	1.13e4	85.6	NO
5	5 13C9-PFNA	1800098-11 MINNE-SO-DUP01-010818...	9.68e3	66.3	NO
6	6 13C4-PFOS	1800098-11 MINNE-SO-DUP01-010818...	2.31e3	74.0	NO
7	7 13C6-PFDA	1800098-11 MINNE-SO-DUP01-010818...	6.25e3	53.4	NO
8	8 13C7-PFUDa	1800098-11 MINNE-SO-DUP01-010818...	4.08e3	28.3	YES

Name: 180130M2_116, Date: 31-Jan-2018, Time: 09:32:33, 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	8.29e0	0.1	YES

Name: 180130M2_117, Date: 31-Jan-2018, Time: 09:44:03, ID: ST180130M2-15 PFC CS0 18A1906, Description: PFC CS0 18A1906

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180130M2-15 PFC CS0 18A1906	1.16e4	129.1	NO
2	2 13C5-PFHxA	ST180130M2-15 PFC CS0 18A1906	1.84e4	130.3	NO
3	3 13C3-PFHxS	ST180130M2-15 PFC CS0 18A1906	4.45e3	134.5	NO
4	4 13C8-PFOA	ST180130M2-15 PFC CS0 18A1906	1.66e4	126.2	NO
5	5 13C9-PFNA	ST180130M2-15 PFC CS0 18A1906	1.93e4	132.2	NO
6	6 13C4-PFOS	ST180130M2-15 PFC CS0 18A1906	4.67e3	149.2	NO
7	7 13C6-PFDA	ST180130M2-15 PFC CS0 18A1906	1.58e4	135.0	NO
8	8 13C7-PFUDa	ST180130M2-15 PFC CS0 18A1906	1.89e4	131.1	NO

Name: 180130M2_118, Date: 31-Jan-2018, Time: 09:55:31, 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

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**Name: 180130M2_119, Date: 31-Jan-2018, Time: 10:07:01, ID: 1800098-12 MINNE-SO-DUP02-010818 1.13,
Description: MINNE-SO-DUP02-010818**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800098-12 MINNE-SO-DUP02-01081...	1.01e4	113.0	NO
2	2 13C5-PFHxA	1800098-12 MINNE-SO-DUP02-01081...	1.26e4	89.4	NO
3	3 13C3-PFHxS	1800098-12 MINNE-SO-DUP02-01081...	2.84e3	86.0	NO
4	4 13C8-PFOA	1800098-12 MINNE-SO-DUP02-01081...	9.80e3	74.3	NO
5	5 13C9-PFNA	1800098-12 MINNE-SO-DUP02-01081...	1.01e4	69.3	NO
6	6 13C4-PFOS	1800098-12 MINNE-SO-DUP02-01081...	1.60e3	51.3	NO
7	7 13C6-PFDA	1800098-12 MINNE-SO-DUP02-01081...	3.85e3	32.9	YES
8	8 13C7-PFUDa	1800098-12 MINNE-SO-DUP02-01081...	1.62e3	11.3	YES

**Name: 180130M2_120, Date: 31-Jan-2018, Time: 10:20:17, ID: 1800099-01 MINNE-08-SB03-010818-01-02 1.16,
Description: MINNE-08-SB03-010818-01-02**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800099-01 MINNE-08-SB03-010818-0...	1.09e4	121.8	NO
2	2 13C5-PFHxA	1800099-01 MINNE-08-SB03-010818-0...	1.26e4	89.5	NO
3	3 13C3-PFHxS	1800099-01 MINNE-08-SB03-010818-0...	2.89e3	87.3	NO
4	4 13C8-PFOA	1800099-01 MINNE-08-SB03-010818-0...	1.05e4	79.4	NO
5	5 13C9-PFNA	1800099-01 MINNE-08-SB03-010818-0...	1.02e4	70.1	NO
6	6 13C4-PFOS	1800099-01 MINNE-08-SB03-010818-0...	1.26e3	40.3	YES
7	7 13C6-PFDA	1800099-01 MINNE-08-SB03-010818-0...	4.84e3	41.3	YES
8	8 13C7-PFUDa	1800099-01 MINNE-08-SB03-010818-0...	1.51e3	10.4	YES

**Name: 180130M2_121, Date: 31-Jan-2018, Time: 10:31:40, ID: 1800099-02 MINNE-08-SB03-010818-15-17 1.17,
Description: MINNE-08-SB03-010818-15-17**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800099-02 MINNE-08-SB03-010818-1...	1.05e4	116.6	NO
2	2 13C5-PFHxA	1800099-02 MINNE-08-SB03-010818-1...	1.28e4	90.4	NO
3	3 13C3-PFHxS	1800099-02 MINNE-08-SB03-010818-1...	2.87e3	86.8	NO
4	4 13C8-PFOA	1800099-02 MINNE-08-SB03-010818-1...	1.09e4	82.7	NO
5	5 13C9-PFNA	1800099-02 MINNE-08-SB03-010818-1...	1.08e4	74.0	NO
6	6 13C4-PFOS	1800099-02 MINNE-08-SB03-010818-1...	2.07e3	66.1	NO
7	7 13C6-PFDA	1800099-02 MINNE-08-SB03-010818-1...	7.60e3	64.9	NO
8	8 13C7-PFUDa	1800099-02 MINNE-08-SB03-010818-1...	4.06e3	28.1	YES

**Name: 180130M2_122, Date: 31-Jan-2018, Time: 10:43:07, ID: 1800099-03 MINNE-10-SB02-010918-00-02 1.11,
Description: MINNE-10-SB02-010918-00-02**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800099-03 MINNE-10-SB02-010918-0...	9.48e3	105.8	NO
2	2 13C5-PFHxA	1800099-03 MINNE-10-SB02-010918-0...	1.28e4	90.6	NO
3	3 13C3-PFHxS	1800099-03 MINNE-10-SB02-010918-0...	2.78e3	84.0	NO
4	4 13C8-PFOA	1800099-03 MINNE-10-SB02-010918-0...	1.09e4	82.7	NO
5	5 13C9-PFNA	1800099-03 MINNE-10-SB02-010918-0...	9.62e3	65.9	NO
6	6 13C4-PFOS	1800099-03 MINNE-10-SB02-010918-0...	2.06e3	65.8	NO
7	7 13C6-PFDA	1800099-03 MINNE-10-SB02-010918-0...	7.23e3	61.8	NO
8	8 13C7-PFUDa	1800099-03 MINNE-10-SB02-010918-0...	4.83e3	33.5	YES

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Name: 180130M2_123, Date: 31-Jan-2018, Time: 10:54:34, ID: 1800099-04 MINNE-10-SB02-010918-15-17 1.15, Description: MINNE-10-SB02-010918-15-17

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800099-04 MINNE-10-SB02-010918-1...	1.05e4	117.7	NO
2	2 13C5-PFHxA	1800099-04 MINNE-10-SB02-010918-1...	1.15e4	81.6	NO
3	3 13C3-PFHxS	1800099-04 MINNE-10-SB02-010918-1...	2.84e3	85.8	NO
4	4 13C8-PFOA	1800099-04 MINNE-10-SB02-010918-1...	1.12e4	85.3	NO
5	5 13C9-PFNA	1800099-04 MINNE-10-SB02-010918-1...	9.46e3	64.8	NO
6	6 13C4-PFOS	1800099-04 MINNE-10-SB02-010918-1...	2.37e3	75.9	NO
7	7 13C6-PFDA	1800099-04 MINNE-10-SB02-010918-1...	9.66e3	82.6	NO
8	8 13C7-PFUdA	1800099-04 MINNE-10-SB02-010918-1...	9.91e3	68.7	NO

Name: 180130M2_124, Date: 31-Jan-2018, Time: 11:06:01, ID: 1800099-05 MINNE-10-SB04-010818-16-18 1.18, Description: MINNE-10-SB04-010818-16-18

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800099-05 MINNE-10-SB04-010818-1...	1.02e4	114.2	NO
2	2 13C5-PFHxA	1800099-05 MINNE-10-SB04-010818-1...	1.24e4	87.9	NO
3	3 13C3-PFHxS	1800099-05 MINNE-10-SB04-010818-1...	2.95e3	89.3	NO
4	4 13C8-PFOA	1800099-05 MINNE-10-SB04-010818-1...	1.08e4	81.7	NO
5	5 13C9-PFNA	1800099-05 MINNE-10-SB04-010818-1...	9.99e3	68.5	NO
6	6 13C4-PFOS	1800099-05 MINNE-10-SB04-010818-1...	2.25e3	71.9	NO
7	7 13C6-PFDA	1800099-05 MINNE-10-SB04-010818-1...	7.26e3	62.1	NO
8	8 13C7-PFUdA	1800099-05 MINNE-10-SB04-010818-1...	3.27e3	22.7	YES

Name: 180130M2_125, Date: 31-Jan-2018, Time: 11:17:30, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	5.80e0	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA	5.50e0	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: 180130M2_126, Date: 31-Jan-2018, Time: 11:28:58, ID: B8A0148-BS1 OPR 1, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0148-BS1 OPR 1	1.12e4	125.4	NO
2	2 13C5-PFHxA	B8A0148-BS1 OPR 1	1.17e4	83.2	NO
3	3 13C3-PFHxS	B8A0148-BS1 OPR 1	2.89e3	87.3	NO
4	4 13C8-PFOA	B8A0148-BS1 OPR 1	1.11e4	83.8	NO
5	5 13C9-PFNA	B8A0148-BS1 OPR 1	1.26e4	86.2	NO
6	6 13C4-PFOS	B8A0148-BS1 OPR 1	2.13e3	68.0	NO
7	7 13C6-PFDA	B8A0148-BS1 OPR 1	5.41e3	46.3	YES
8	8 13C7-PFUdA	B8A0148-BS1 OPR 1	2.96e3	20.5	YES

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Name: 180130M2_127, Date: 31-Jan-2018, Time: 11:40:29, ID: B8A0148-BLK1 Method Blank 1, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8A0148-BLK1 Method Blank 1	1.16e4	129.6	NO
2	2 13C5-PFHxA	B8A0148-BLK1 Method Blank 1	1.47e4	104.0	NO
3	3 13C3-PFHxS	B8A0148-BLK1 Method Blank 1	3.25e3	98.4	NO
4	4 13C8-PFOA	B8A0148-BLK1 Method Blank 1	1.26e4	95.6	NO
5	5 13C9-PFNA	B8A0148-BLK1 Method Blank 1	1.23e4	84.4	NO
6	6 13C4-PFOS	B8A0148-BLK1 Method Blank 1	2.41e3	77.0	NO
7	7 13C6-PFDA	B8A0148-BLK1 Method Blank 1	6.84e3	58.4	NO
8	8 13C7-PFUDa	B8A0148-BLK1 Method Blank 1	4.19e3	29.1	YES

Name: 180130M2_128, Date: 31-Jan-2018, Time: 11:51:57, ID: 1800193-01 CANGPFOS20180122 1.11, Description: CANGPFOS20180122

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800193-01 CANGPFOS20180122 1.11	1.09e4	122.1	NO
2	2 13C5-PFHxA	1800193-01 CANGPFOS20180122 1.11	1.33e4	94.6	NO
3	3 13C3-PFHxS	1800193-01 CANGPFOS20180122 1.11	3.10e3	93.7	NO
4	4 13C8-PFOA	1800193-01 CANGPFOS20180122 1.11	1.06e4	80.0	NO
5	5 13C9-PFNA	1800193-01 CANGPFOS20180122 1.11	1.26e4	86.3	NO
6	6 13C4-PFOS	1800193-01 CANGPFOS20180122 1.11	1.99e3	63.6	NO
7	7 13C6-PFDA	1800193-01 CANGPFOS20180122 1.11	7.76e3	66.3	NO
8	8 13C7-PFUDa	1800193-01 CANGPFOS20180122 1.11	4.21e3	29.2	YES

Name: 180130M2_129, Date: 31-Jan-2018, Time: 12:03:26, 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: 180130M2_130, Date: 31-Jan-2018, Time: 12:14:57, ID: ST180130M2-16 PFC CS3 18A1909, Description: PFC CS3 18A1909

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180130M2-16 PFC CS3 18A1909	1.28e4	142.6	NO
2	2 13C5-PFHxA	ST180130M2-16 PFC CS3 18A1909	1.71e4	121.1	NO
3	3 13C3-PFHxS	ST180130M2-16 PFC CS3 18A1909	3.69e3	111.8	NO
4	4 13C8-PFOA	ST180130M2-16 PFC CS3 18A1909	1.47e4	111.4	NO
5	5 13C9-PFNA	ST180130M2-16 PFC CS3 18A1909	1.36e4	93.2	NO
6	6 13C4-PFOS	ST180130M2-16 PFC CS3 18A1909	3.68e3	117.5	NO
7	7 13C6-PFDA	ST180130M2-16 PFC CS3 18A1909	1.47e4	125.4	NO
8	8 13C7-PFUDa	ST180130M2-16 PFC CS3 18A1909	1.59e4	110.4	NO

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Name: 180130M2_131, Date: 31-Jan-2018, Time: 12:26:23, 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

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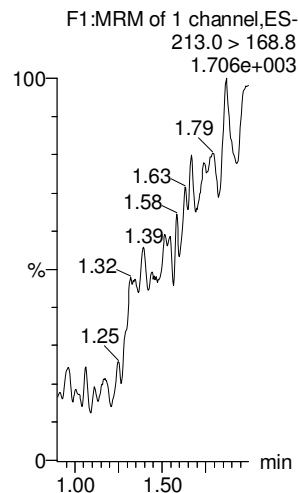
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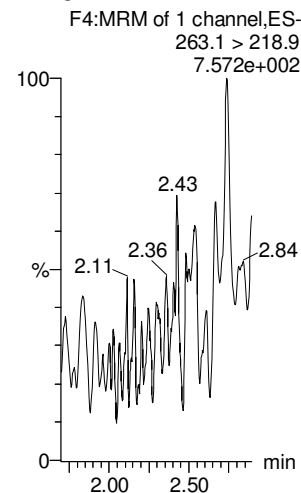
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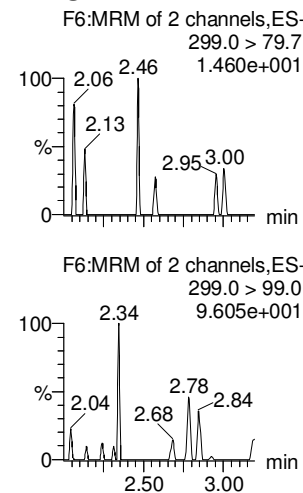
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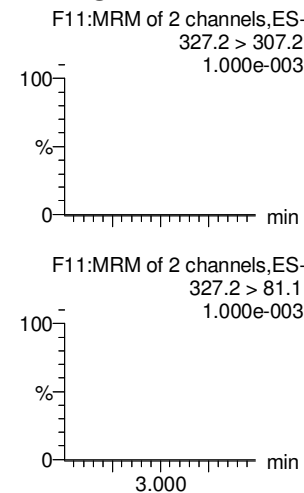
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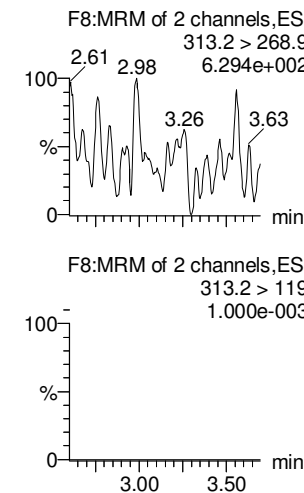
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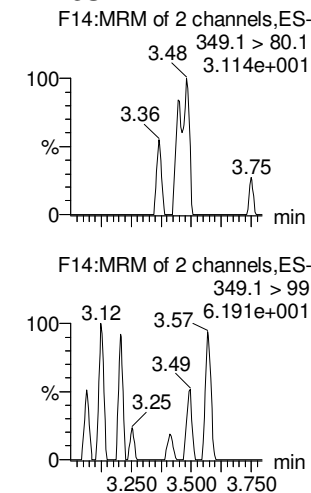
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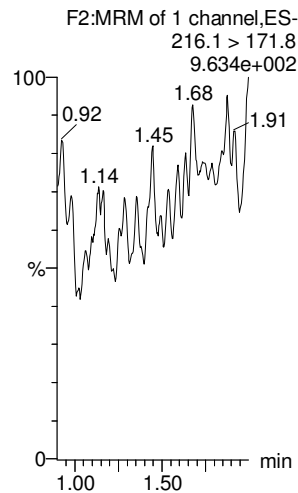
PFHxA



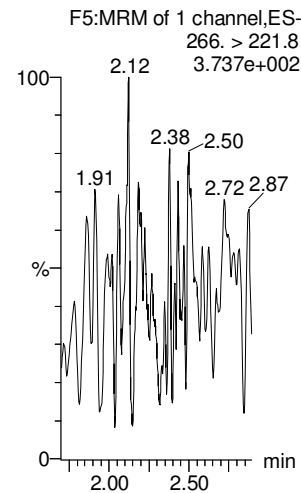
PFPeS



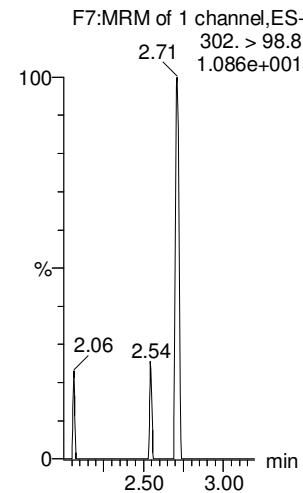
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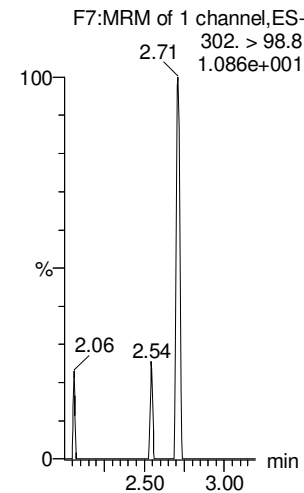
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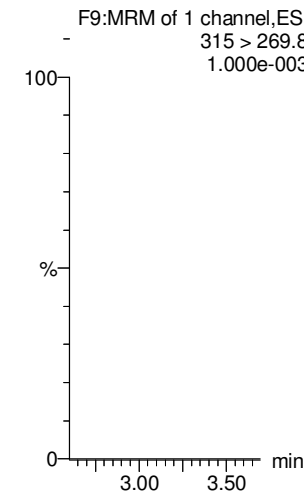
13C3-PFBS



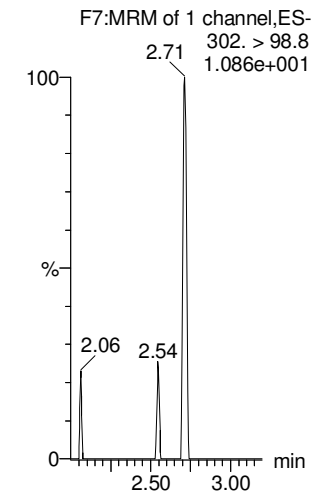
13C3-PFBS



13C2-PFHxA



13C3-PFBS



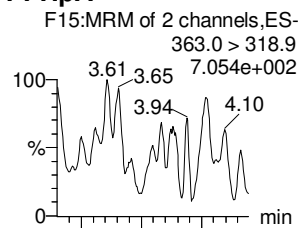
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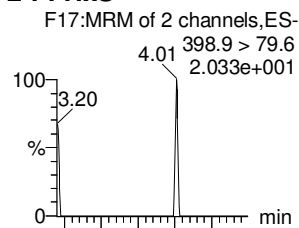
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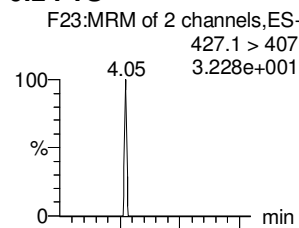
PFHpA



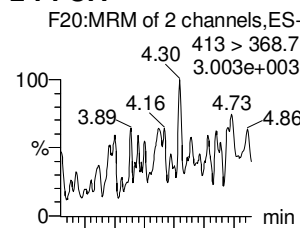
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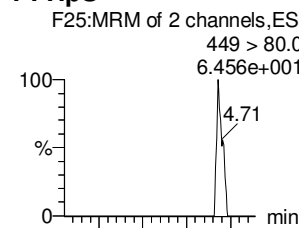
6:2 FTS



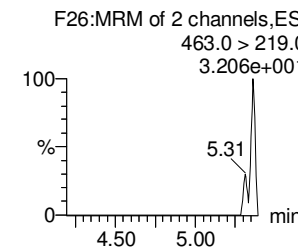
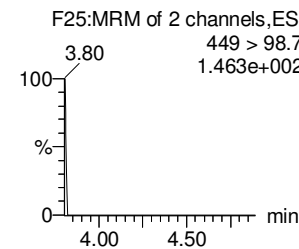
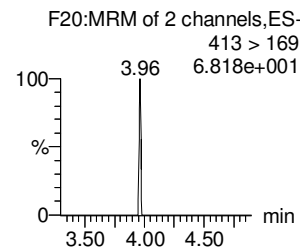
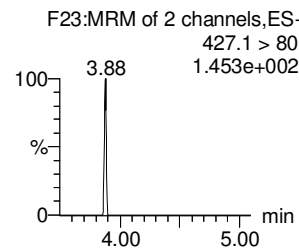
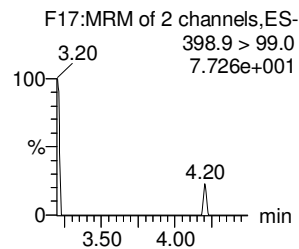
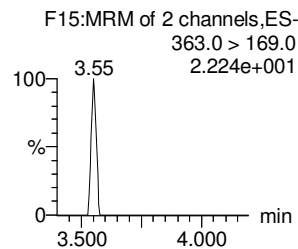
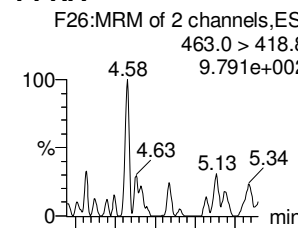
L-PFOA



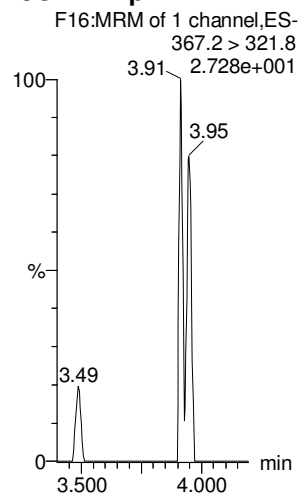
PFHpS



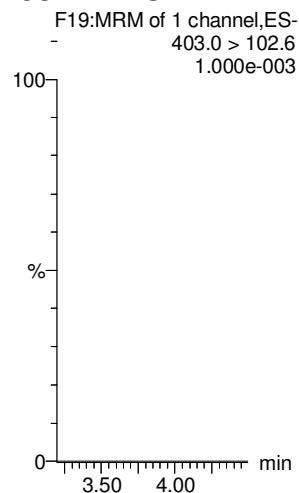
PFNA



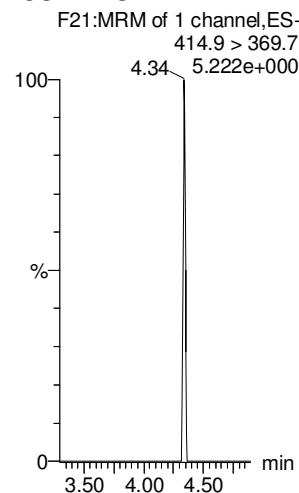
13C4-PFHpA



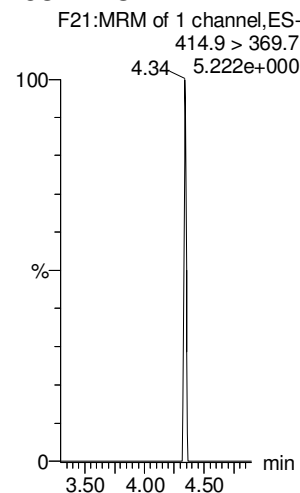
18O2-PFHxS



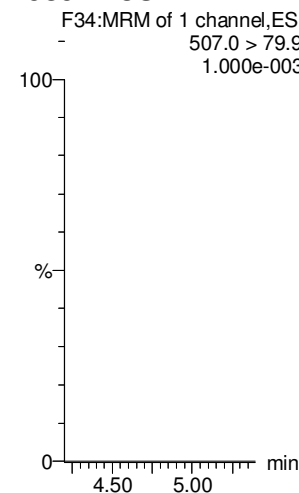
13C2-PFOA



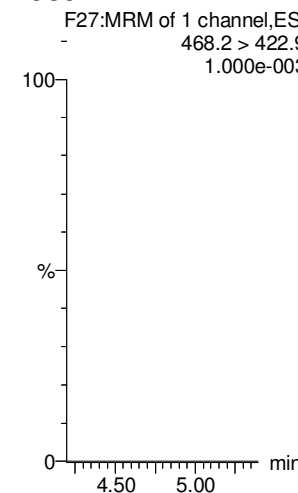
13C2-PFOA



13C8-PFOS



13C5-PFNA



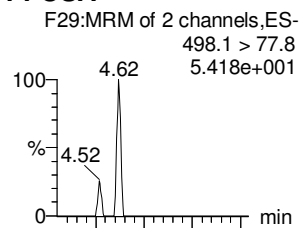
Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-12.qld

Last Altered: Wednesday, January 31, 2018 14:18:56 Pacific Standard Time

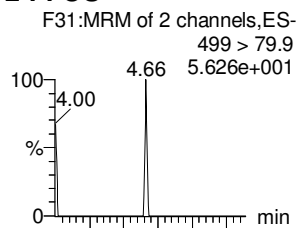
Printed: Wednesday, January 31, 2018 14:19:16 Pacific Standard Time

Name: 180130M2_12, Date: 30-Jan-2018, Time: 13:39:34, ID: IPA, Description: IPA

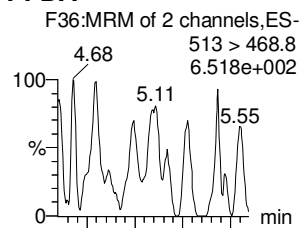
PFOSA



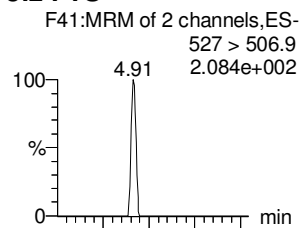
L-PFOS



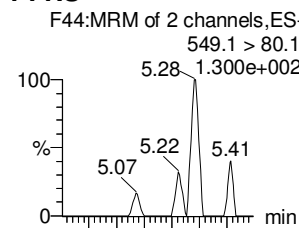
PFDA



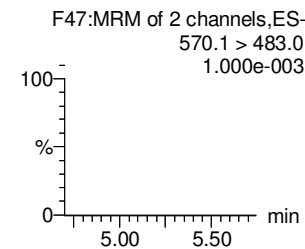
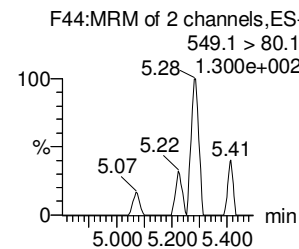
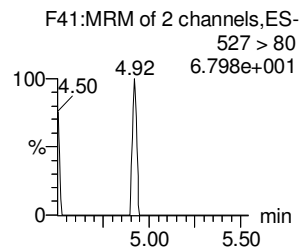
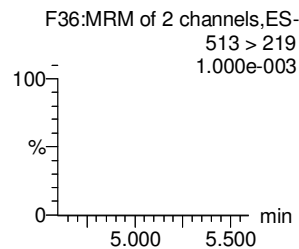
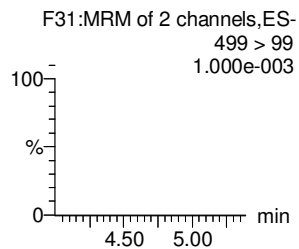
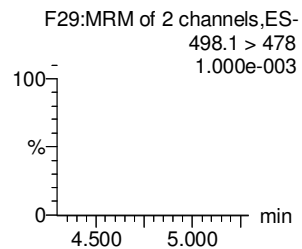
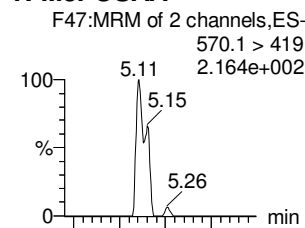
8:2 FTS



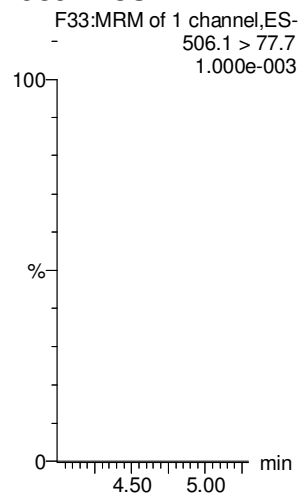
PFNS



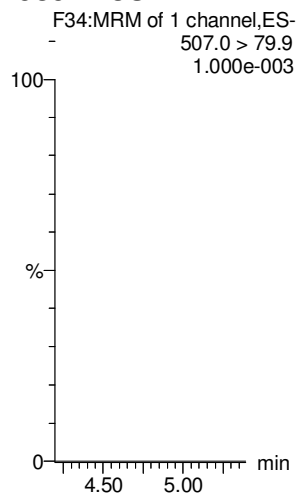
N-MeFOSAA



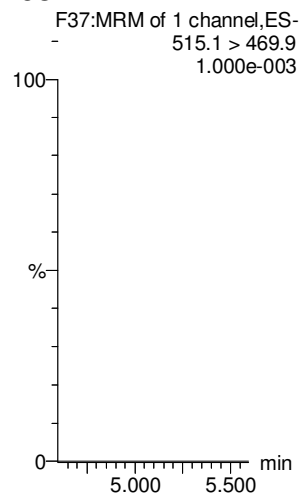
13C8-PFOSA



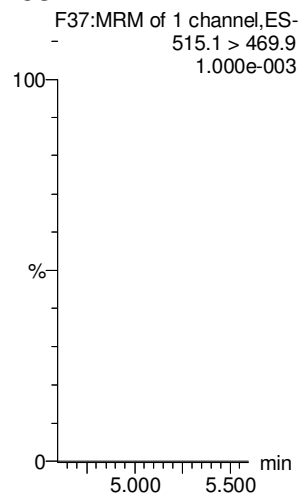
13C8-PFOS



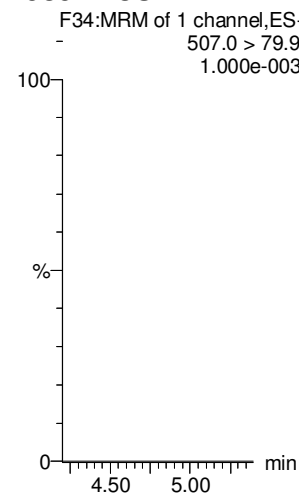
13C2-PFDA



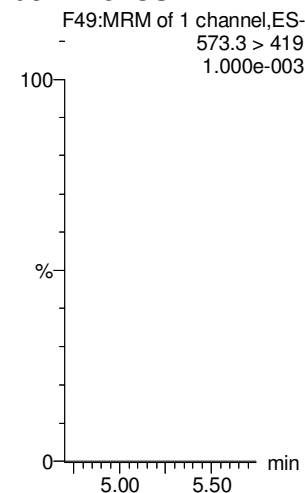
13C2-PFDA



13C8-PFOS



d3-N-MeFOSAA



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-12.qld

Last Altered: Wednesday, January 31, 2018 14:18:56 Pacific Standard Time

Printed: Wednesday, January 31, 2018 14:19:16 Pacific Standard Time

Name: 180130M2_12, Date: 30-Jan-2018, Time: 13:39:34, ID: IPA, Description: IPA

N-EtFOSAA

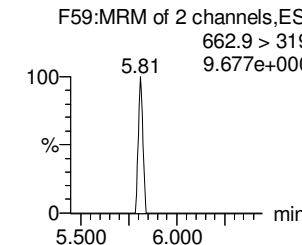
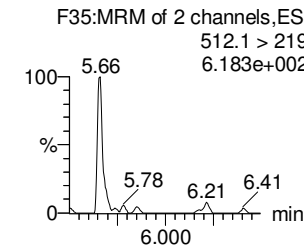
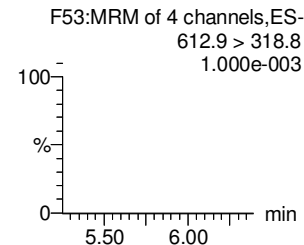
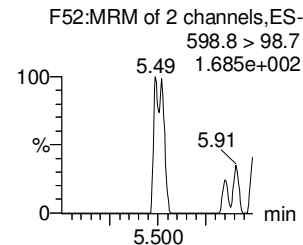
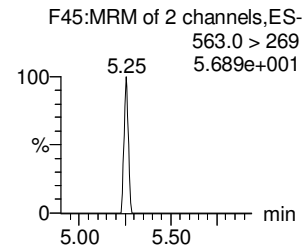
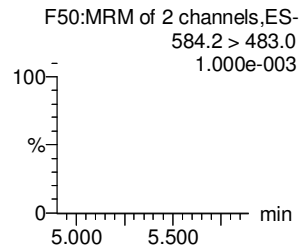
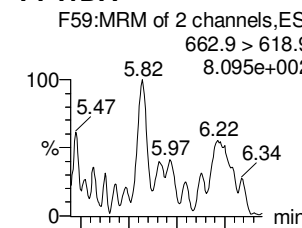
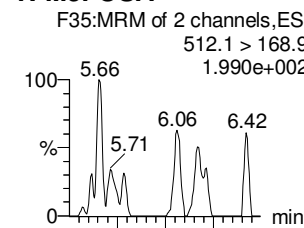
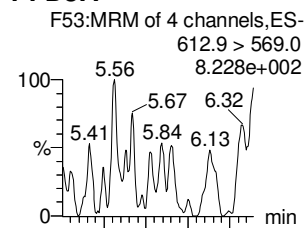
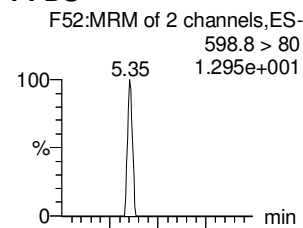
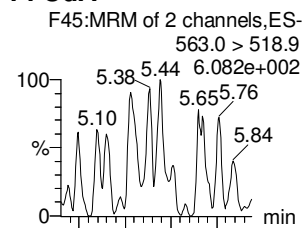
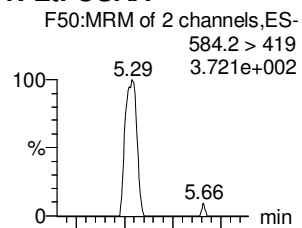
PFUdA

PFDS

PFDoA

N-MeFOSA

PFTrDA



d5-N-EtFOSAA

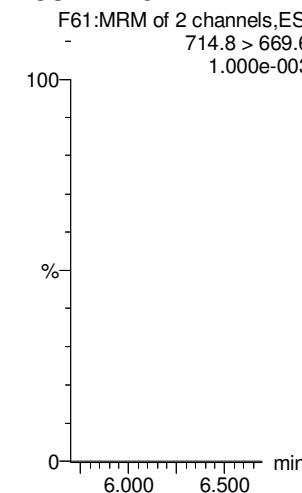
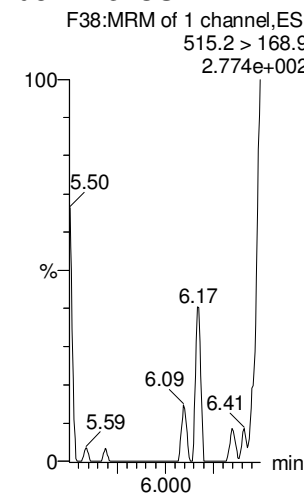
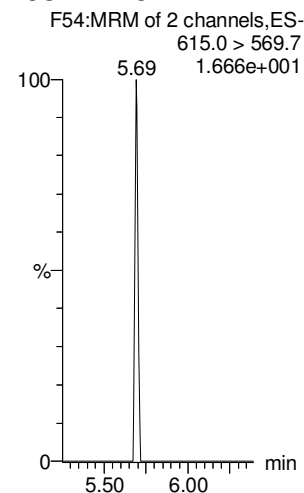
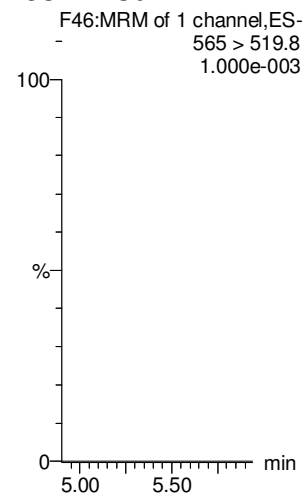
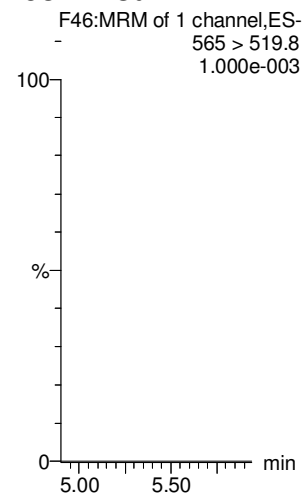
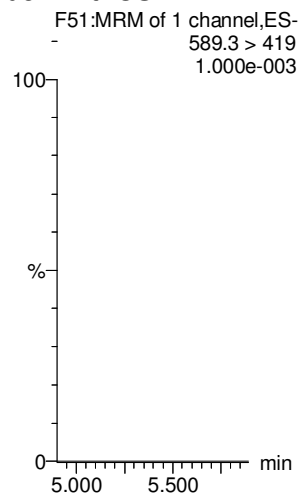
13C2-PFUdA

13C2-PFUdA

13C2-PFDoA

d3-N-MeFOSA

13C2-PFTeDA



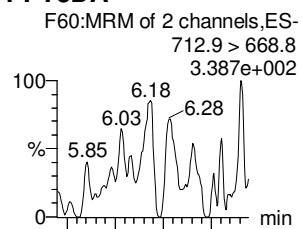
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Last Altered: Wednesday, January 31, 2018 14:18:56 Pacific Standard Time

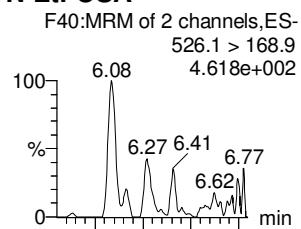
Printed: Wednesday, January 31, 2018 14:19:16 Pacific Standard Time

Name: 180130M2_12, Date: 30-Jan-2018, Time: 13:39:34, ID: IPA, Description: IPA

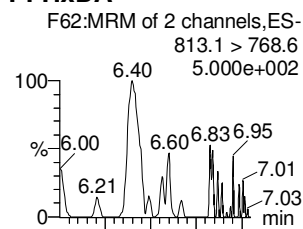
PFTeDA



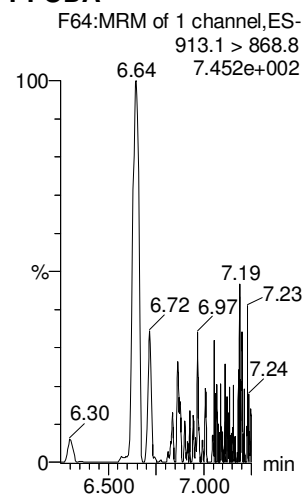
N-EtFOSA



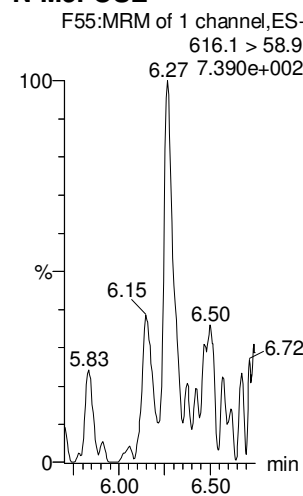
PFHxDA



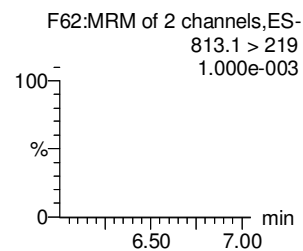
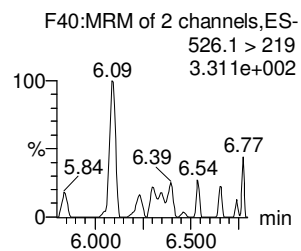
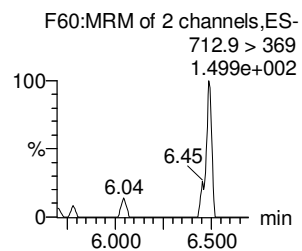
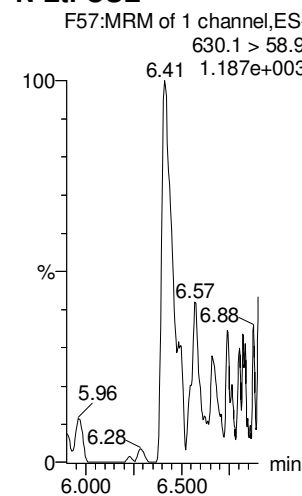
PFODA



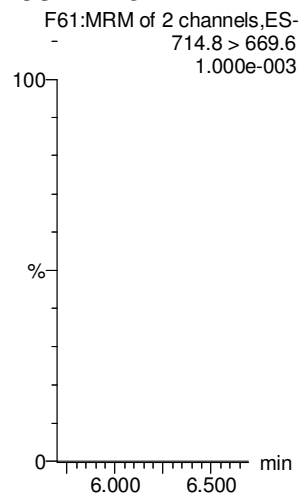
N-MeFOSE



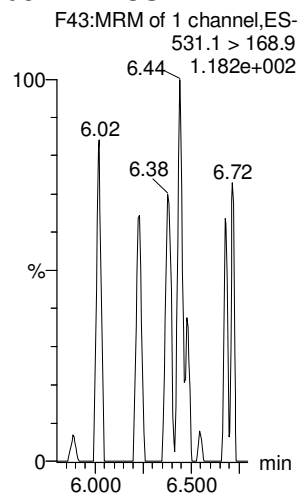
N-EtFOSE



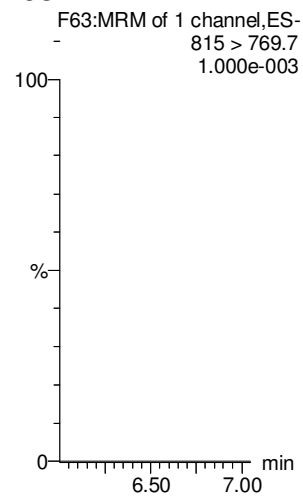
13C2-PFTeDA



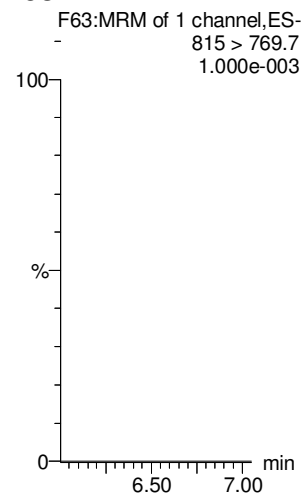
d5-N-ETFOSA



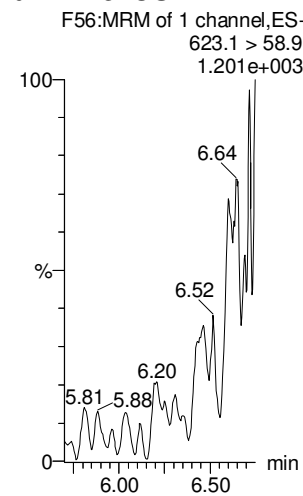
13C2-PFHxDA



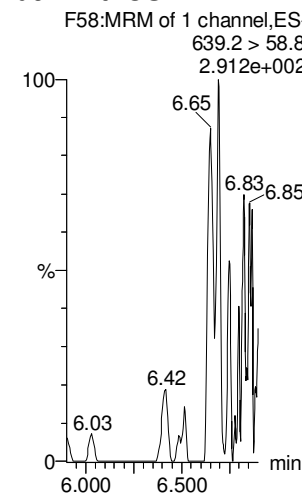
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



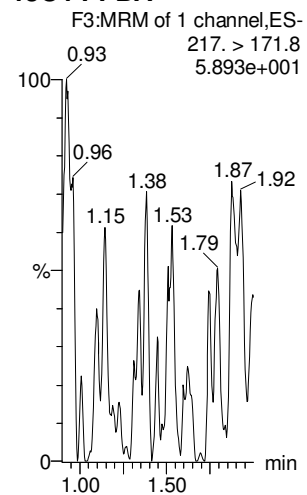
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Last Altered: Wednesday, January 31, 2018 14:18:56 Pacific Standard Time

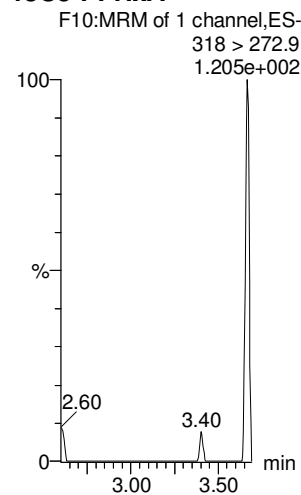
Printed: Wednesday, January 31, 2018 14:19:16 Pacific Standard Time

Name: 180130M2_12, Date: 30-Jan-2018, Time: 13:39:34, ID: IPA, Description: IPA

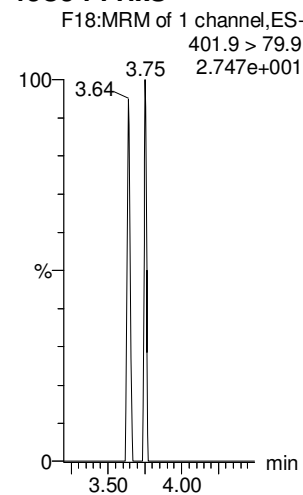
13C4-PFBA



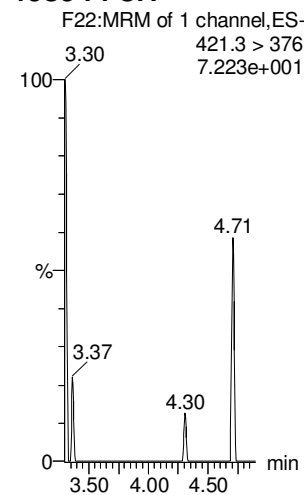
13C5-PFHxA



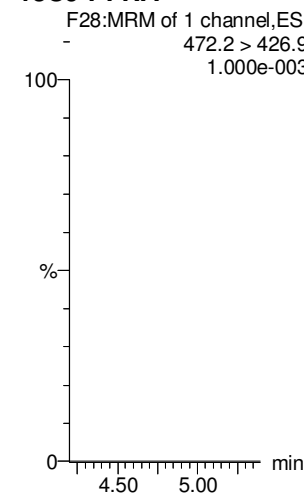
13C3-PFHxS



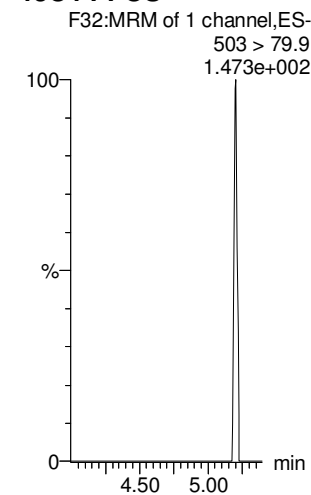
13C8-PFOA



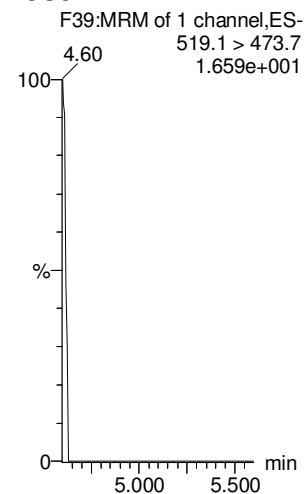
13C9-PFNA



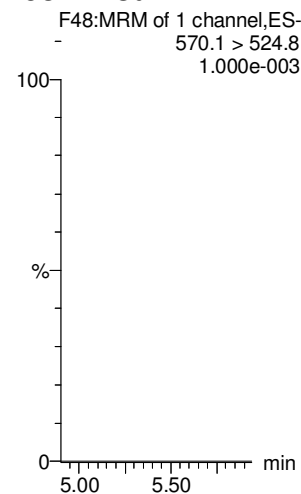
13C4-PFOS



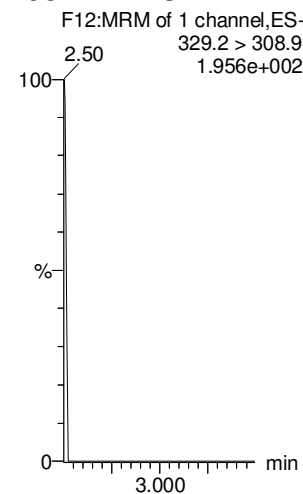
13C6-PFDA



13C7-PFUdA



13C2-4:2 FTS



LC Calibration Standards Review Checklist Q4

Calibration ID:	ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	
ST180130M2-11 LMH	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
-12 LMH	<input 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"/>
-13 LMH	<input 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"/>
-14 LMH	<input 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"/>
-15 LMH	<input type="checkbox"/>	<input checked="" type="checkbox"/> (A)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
-16 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: 12/27/17

Run Log Present:

of Samples per Sequence Checked:

Reviewed By: JA, 01/31/2018
Initials/Date

Comments:
 (A) N-ETFOSE > 130%.

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-40.qld

Last Altered: Wednesday, January 31, 2018 10:54:12 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:54:32 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 31 Jan 2018 09:53:30

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_40, Date: 30-Jan-2018, Time: 19:00:38, ID: ST180130M2-11 PFC CS3 18A1909, Description: PFC CS3 18A1909

AC
1/31/18
J.A.
1/31/2018

#	Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	7.63e3	7.42e3	1.0000	1.29	1.31	12.8	11.07	110.7	
2	2 PFPeA	263.1 > 218.9	1.11e4	1.32e4	1.0000	2.27	2.26	10.5	10.38	103.8	
3	3 PFBS	299.0 > 79.7	2.55e3	1.71e3	1.0000	2.56	2.54	18.7	10.35	103.5	
4	4 4:2 FTS	327.2>307.2	2.43e3	1.71e3	1.0000	2.93	2.94	17.8	9.565	95.7	
5	5 PFHxA	313.2 > 268.9	1.37e4	4.47e3	1.0000	3.05	3.03	15.3	9.523	95.2	
6	6 PFPeS	349.1>80.1	2.75e3	1.71e3	1.0000	3.23	3.24	20.1	10.33	103.3	
7	7 PFHpA	363.0 > 318.9	1.06e4	1.03e4	1.0000	3.68	3.66	12.8	10.78	107.8	
8	8 L-PFHxS	398.9 > 79.6	1.89e3	1.15e3	1.0000	3.80	3.81	20.5	11.02	110.2	
9	10 6:2 FTS	427.1 > 407	3.17e3	1.67e4	1.0000	4.15	4.12	2.37	10.23	102.3	
10	11 L-PFOA	413 > 368.7	1.40e4	1.67e4	1.0000	4.20	4.18	10.4	9.875	98.8	
11	13 PFHpS	449 > 80.0	2.98e3	3.74e3	1.0000	4.30	4.29	9.94	9.861	98.6	
12	14 PFNA	463.0 > 418.8	1.54e4	1.64e4	1.0000	4.65	4.62	11.8	9.472	94.7	
13	15 PFOSA	498.1 > 77.8	3.75e3	3.64e3	1.0000	4.70	4.68	12.9	11.78	117.8	
14	16 L-PFOS	499 > 79.9	2.90e3	3.74e3	1.0000	4.75	4.70	9.69	9.096	91.0	
15	18 PFDA	513 > 468.8	1.43e4	1.43e4	1.0000	5.03	4.99	12.5	9.577	95.8	
16	19 8:2 FTS	527 > 506.9	3.07e3	1.43e4	1.0000	5.00	4.96	2.68	10.81	108.1	
17	20 PFNS	549.1>80.1	2.90e3	3.74e3	1.0000	5.05	5.06	9.68	10.92	109.2	
18	21 N-MeFOSAA	570.1 > 419	7.24e3	5.80e3	1.0000	5.20	5.15	15.6	9.986	99.9	
19	22 N-EtFOSAA	584.2 > 419	6.26e3	7.22e3	1.0000	5.30	5.30	10.8	9.886	98.9	
20	23 PFUdA	563.0 > 518.9	1.56e4	1.55e4	1.0000	5.36	5.32	12.6	10.69	106.9	
21	24 PFDS	598.8 > 80	3.74e3	1.55e4	1.0000	5.40	5.37	3.02	11.13	111.3	
22	25 PFDoA	612.9 > 569.0	1.59e4	1.13e4	1.0000	5.65	5.60	17.6	11.83	118.3	
23	26 N-MeFOSA	512.1 > 168.9	6.78e3	1.85e4	1.0000	5.70	5.73	55.0	56.38	112.8	
24	27 PFTTrDA	662.9 > 618.9	1.58e4	4.62e3	1.0000	5.90	5.85	42.8	11.38	113.8	
25	28 PFTeDA	712.9 > 668.8	1.03e4	4.62e3	1.0000	6.12	6.07	27.8	12.06	120.6	
26	29 N-EtFOSA	526.1 > 168.9	9.22e3	2.91e4	1.0000	6.12	6.15	47.5	52.42	104.8	
27	30 PFHxDA	813.1 > 768.6	4.99e3	3.53e3	1.0000	6.46	6.41	7.06	11.57	115.7	
28	31 PFOA	913.1 > 868.8	6.84e3	3.53e3	1.0000	6.70	6.64	9.68	12.01	120.1	
29	32 N-MeFOSE	616.1 > 58.9	7.93e3	2.44e4	1.0000	6.31	6.30	48.8	52.88	105.8	
30	33 N-EtFOSE	630.1 > 58.9	9.57e3	2.60e4	1.0000	6.45	6.45	55.1	47.17	94.3	
31	Work Order 180130M2-40	216.1 > 171.8	7.42e3	8.40e3	0.842	1.0000	1.30	1.31	11.0	13.11	101.8

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Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-40.qld

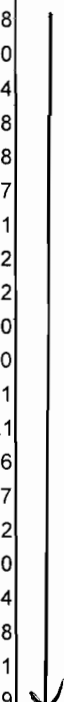
Last Altered: Wednesday, January 31, 2018 10:54:12 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:54:32 Pacific Standard Time

Name: 180130M2_40, Date: 30-Jan-2018, Time: 19:00:38, ID: ST180130M2-11 PFC CS3 18A1909, Description: PFC CS3 18A1909

	# Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
32	35 13C3-PFPeA	266. > 221.8	1.32e4	1.63e4	0.870	1.0000	2.27	2.26	10.1	11.64	93.1
33	36 13C3-PFBS	302. > 98.8	1.71e3	1.63e4	0.109	1.0000	2.56	2.54	1.31	11.98	95.8
34	37 13C2-PFHxA	315 > 269.8	4.47e3	1.63e4	0.684	1.0000	3.05	3.03	3.42	4.999	100.0
35	38 13C4-PFHpA	367.2 > 321.8	1.03e4	1.63e4	0.732	1.0000	3.68	3.65	7.91	10.80	86.4
36	39 18O2-PFHxS	403.0 > 102.6	1.15e3	3.63e3	0.318	1.0000	3.80	3.81	3.97	12.48	99.8
37	40 13C2-6:2 FTS	429.1 > 408.9	3.45e3	1.41e4	0.263	1.0000	4.15	4.12	3.05	11.59	92.8
38	41 13C2-PFOA	414.9 > 369.7	1.67e4	1.41e4	1.120	1.0000	4.20	4.18	14.8	13.21	105.7
39	42 13C5-PFNA	468.2 > 422.9	1.64e4	1.68e4	0.921	1.0000	4.65	4.62	12.2	13.26	106.1
40	43 13C8-PFOSA	506.1 > 77.7	3.64e3	1.52e4	0.245	1.0000	4.70	4.68	3.00	12.27	98.2
41	44 13C8-PFOS	507.0 > 79.9	3.74e3	3.58e3	1.034	1.0000	4.75	4.70	13.1	12.65	101.2
42	45 13C2-PFDA	515.1 > 469.9	1.43e4	1.48e4	1.080	1.0000	5.03	4.99	12.1	11.25	90.0
43	46 13C2-8:2 FTS	529.1 > 508.7	2.02e3	1.63e4	0.165	1.0000	5.00	4.96	1.55	9.378	75.0
44	47 d3-N-MeFOSAA	573.3 > 419	5.80e3	1.52e4	0.398	1.0000	5.20	5.14	4.78	12.01	96.1
45	48 d5-N-EtFOSAA	589.3 > 419	7.22e3	1.52e4	0.425	1.0000	5.30	5.30	5.95	14.01	112.1
46	49 13C2-PFUdA	565 > 519.8	1.55e4	1.52e4	1.047	1.0000	5.36	5.32	12.8	12.20	97.6
47	50 13C2-PFDoA	615.0 > 569.7	1.13e4	1.52e4	0.805	1.0000	5.65	5.61	9.33	11.58	92.7
48	51 d3-N-MeFOSA	515.2 > 168.9	1.85e4	1.52e4	0.104	1.0000	5.70	5.76	15.3	147.3	98.2
49	52 13C2-PFTeDA	714.8 > 669.6	4.62e3	1.52e4	0.367	1.0000	6.12	6.07	3.81	10.38	83.0
50	53 d5-N-ETFOSA	531.1 > 168.9	2.91e4	1.52e4	0.155	1.0000	6.25	6.16	24.0	155.1	103.4
51	54 13C2-PFHxDA	815 > 769.7	3.53e3	1.52e4	0.721	1.0000	6.46	6.41	2.91	4.038	80.8
52	55 d7-N-MeFOSE	623.1 > 58.9	2.44e4	1.52e4	0.143	1.0000	6.31	6.30	20.1	141.2	94.1
53	56 d9-N-EtFOSE	639.2 > 58.8	2.60e4	1.52e4	0.133	1.0000	6.12	6.44	21.5	161.9	107.9
54	57 13C4-PFBA	217. > 171.8	8.40e3	8.40e3	1.000	1.0000	1.30	1.31	12.5	12.50	100.0
55	58 13C5-PFHxA	318 > 272.9	1.63e4	1.63e4	1.000	1.0000	3.05	3.03	12.5	12.50	100.0
56	59 13C3-PFHxS	401.9 > 79.9	3.63e3	3.63e3	1.000	1.0000	3.80	3.80	12.5	12.50	100.0
57	60 13C8-PFOA	421.3 > 376	1.41e4	1.41e4	1.000	1.0000	4.20	4.18	12.5	12.50	100.0
58	61 13C9-PFNA	472.2 > 426.9	1.68e4	1.68e4	1.000	1.0000	4.65	4.62	12.5	12.50	100.0
59	62 13C4-PFOS	503 > 79.9	3.58e3	3.58e3	1.000	1.0000	4.60	4.70	12.5	12.50	100.0
60	63 13C6-PFDA	519.1 > 473.7	1.48e4	1.48e4	1.000	1.0000	5.03	4.99	12.5	12.50	100.0
61	64 13C7-PFUdA	570.1 > 524.8	1.52e4	1.52e4	1.000	1.0000	5.36	5.32	12.5	12.50	100.0
62	72 13C2-4:2 FTS	329.2>308.9	3.83e3	1.63e4	0.275	1.0000	2.93	2.94	2.93	10.66	85.3

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Dataset: Untitled

Last Altered: Wednesday, January 31, 2018 12:54:14 Pacific Standard Time

Printed: Wednesday, January 31, 2018 12:54:34 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 31 Jan 2018 09:53:30

Calibration: F:\Projects\PFAS.PRO\CurveDB\IC18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180130M2_1	IPA	30-Jan-18	11:33:07
2	180130M2_2	ST180130M2-1 PFC CS-2 18A1904	30-Jan-18	11:44:38
3	180130M2_3	ST180130M2-2 PFC CS-1 18A1905	30-Jan-18	11:56:07
4	180130M2_4	ST180130M2-3 PFC CS0 18A1906	30-Jan-18	12:07:36
5	180130M2_5	ST180130M2-4 PFC CS1 18A1907	30-Jan-18	12:19:06
6	180130M2_6	ST180130M2-5 PFC CS2 18A1908	30-Jan-18	12:30:35
7	180130M2_7	ST180130M2-6 PFC CS3 18A1909	30-Jan-18	12:42:05
8	180130M2_8	ST180130M2-7 PFC CS4 18A1910	30-Jan-18	12:53:35
9	180130M2_9	ST180130M2-8 PFC CS5 18A1911	30-Jan-18	13:05:04
10	180130M2_10	ST180130M2-9 PFC CS6 18A2403	30-Jan-18	13:16:34
11	180130M2_11	ST180130M2-10 PFC CS7 18A2404	30-Jan-18	13:28:04
12	180130M2_12	IPA	30-Jan-18	13:39:34
13	180130M2_13	ICV180130M2-1 PFC ICV 18A1903	30-Jan-18	13:51:03
14	180130M2_14	IPA	30-Jan-18	14:02:33
15	180130M2_15	1800188-02 REEPDW133FRB 0.11579	30-Jan-18	14:14:05
16	180130M2_16	1800204-03 REEPDW137 0.11904	30-Jan-18	14:25:29
17	180130M2_17	1800204-07 REEPDW513 0.11719	30-Jan-18	14:36:56
18	180130M2_18	B8A0173-BLK1 Method Blank 0.125	30-Jan-18	14:48:23
19	180130M2_19	B8A0173-BS1 OPR 0.125	30-Jan-18	14:59:50
20	180130M2_20	B8A0173-BS2 OPR 0.125	30-Jan-18	15:11:16
21	180130M2_21	B8A0173-BS3 OPR 0.125	30-Jan-18	15:22:44
22	180130M2_22	B8A0173-BS4 OPR 0.125	30-Jan-18	15:34:10
23	180130M2_23	B8A0070-BS1 OPR 0.25	30-Jan-18	15:45:37
24	180130M2_24	B8A0070-BLK1 Method Blank 0.25	30-Jan-18	15:57:07
25	180130M2_25	1800010-01 PFAS Ground Water_Surface Wate...	30-Jan-18	16:08:37
26	180130M2_26	IPA	30-Jan-18	16:20:04
27	180130M2_27	B8A0054-BS1 OPR 1	30-Jan-18	16:31:30
28	180130M2_28	B8A0054-BLK1 Method Blank 1	30-Jan-18	16:42:57
29	180130M2_29	1800011-01 PFAS in Soil Lot#122917C2 1	30-Jan-18	16:54:27
30	180130M2_30	B8A0115-MS1 Matrix Spike 0.25673	30-Jan-18	17:05:57
31	180130M2_31	B8A0115-MSD1@10X Matrix Spike Dup 0.25042	30-Jan-18	17:17:24

Dataset: Untitled

Last Altered: Wednesday, January 31, 2018 12:54:14 Pacific Standard Time

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Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
32	180130M2_32	1800121-02 EB01-20180115 0.25066	30-Jan-18	17:28:54
33	180130M2_33	1800121-04 IRSite5-GW-05W06-20180115 0.2...	30-Jan-18	17:40:22
34	180130M2_34	1800121-06 IRSite5-GW-05W01-20180115 0.2...	30-Jan-18	17:51:52
35	180130M2_35	1800121-07 IRSite5-GW-05W03-20180115 0.2...	30-Jan-18	18:03:22
36	180130M2_36	1800121-08 UXOSite14-GW-DPW79A-2018011...	30-Jan-18	18:14:48
37	180130M2_37	1800121-09 UXOSite14-GW-DPW78A-2018011...	30-Jan-18	18:26:15
38	180130M2_38	1800121-10 UXOSite14-GW-DPW77A-2018011...	30-Jan-18	18:37:42
39	180130M2_39	IPA	30-Jan-18	18:49:09
40	180130M2_40	ST180130M2-11 PFC CS3 18A1909	30-Jan-18	19:00:38
41	180130M2_41	IPA	30-Jan-18	19:12:08
42	180130M2_42	1800121-11 IRSite1-GW-01W48A -20180115 0....	30-Jan-18	19:23:37
43	180130M2_43	1800121-12 IRSite1-GW-01W49A- 20180115 0....	30-Jan-18	19:35:04
44	180130M2_44	1800121-13 IRSite1-GW-01W13A- 20180115 0....	30-Jan-18	19:46:34
45	180130M2_45	1800121-14 DUP01-20180115 0.26578	30-Jan-18	19:58:03
46	180130M2_46	1800132-14 PITTS-EB-011118-1400 0.12081	30-Jan-18	20:09:34
47	180130M2_47	B8A0140-BS1 OPR 0.25	30-Jan-18	20:21:00
48	180130M2_48	B8A0140-BSD1 LCSD 0.25	30-Jan-18	20:32:30
49	180130M2_49	B8A0140-BLK1 Method Blank 0.25	30-Jan-18	20:44:00
50	180130M2_50	1800127-01 EB02-20180116 0.27074	30-Jan-18	20:55:29
51	180130M2_51	1800127-02 IRSite1-GW-01W53A-20180116 0....	30-Jan-18	21:06:58
52	180130M2_52	1800127-03 IRSite1-GW-MW80A-20180116 0.2...	30-Jan-18	21:18:25
53	180130M2_53	1800127-04 IRSite1-GW-01W28B-20180116 0....	30-Jan-18	21:29:51
54	180130M2_54	1800127-05 IRSite1-GW-01W38AR-20180116 ...	30-Jan-18	21:41:18
55	180130M2_55	1800127-06 IRSite1-GW-MW86A-20180116 0.2...	30-Jan-18	21:52:45
56	180130M2_56	1800127-07 IRSite1-GW-MW85A-20180116 0.2...	30-Jan-18	22:04:12
57	180130M2_57	1800127-08 DUP02-20180116 0.25425	30-Jan-18	22:15:39
58	180130M2_58	1800127-09 IRSite1-GW-MW82A-20180116 0.2...	30-Jan-18	22:27:06
59	180130M2_59	IPA	30-Jan-18	22:38:33
60	180130M2_60	ST180130M2-12 PFC CS0 18A1906	30-Jan-18	22:50:01
61	180130M2_61	IPA	30-Jan-18	23:01:30
62	180130M2_62	1800139-01 LH-TAP 0.27467	30-Jan-18	23:13:00
63	180130M2_63	1800139-02 LH-RAW 0.27394	30-Jan-18	23:24:27
64	180130M2_64	1701953-01@10X CV-Dup09-20171213 0.2568	30-Jan-18	23:35:57
65	180130M2_65	1701953-10@10X SA-PZ118S-20171213 0.235...	30-Jan-18	23:47:26

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Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
66	180130M2_66	IPA	30-Jan-18	23:58:55
67	180130M2_67	B7L0136-BLK1 Method Blank 0.0075	31-Jan-18	00:10:22
68	180130M2_68	B7L0136-BS1 OPR 0.0075	31-Jan-18	00:21:50
69	180130M2_69	B7L0136-BS2 OPR 0.0075	31-Jan-18	00:33:19
70	180130M2_70	B7L0136-BS3 OPR 0.0075	31-Jan-18	00:44:49
71	180130M2_71	B7L0136-BS4 OPR 0.0075	31-Jan-18	00:56:18
72	180130M2_72	B7L0140-BS1 OPR 0.0075	31-Jan-18	01:07:47
73	180130M2_73	B7L0140-BSD1 LCSD 0.0075	31-Jan-18	01:19:13
74	180130M2_74	B7L0140-BLK1 Method Blank 0.0075	31-Jan-18	01:30:42
75	180130M2_75	1701882-02RE1 WI-A06-6-I-01-1217-TOP 0.0075	31-Jan-18	01:42:11
76	180130M2_76	1701882-04RE1 WI-A06-EB01-120517-TOP 0....	31-Jan-18	01:53:42
77	180130M2_77	1701882-06RE1 WI-A06-EB02-120517-TOP 0....	31-Jan-18	02:05:12
78	180130M2_78	1701882-08RE1 WI-A06-EFF01-1217-TOP 0.0...	31-Jan-18	02:16:41
79	180130M2_79	1701882-10RE1 WI-A06-EFF01P-1217-TOP 0....	31-Jan-18	02:28:08
80	180130M2_80	1701882-12RE1 WI-A06-INF01-1217-TOP 0.00...	31-Jan-18	02:39:37
81	180130M2_81	1701882-14RE1 WI-A06-P-4-1217-TOP 0.0075	31-Jan-18	02:51:06
82	180130M2_82	1701882-16RE1 WI-A06-6-I-03-1217-TOP 0.0075	31-Jan-18	03:02:33
83	180130M2_83	IPA	31-Jan-18	03:14:03
84	180130M2_84	ST180130M2-13 PFC CS3 18A1909	31-Jan-18	03:25:32
85	180130M2_85	IPA	31-Jan-18	03:37:02
86	180130M2_86	B8A0165-BS1 OPR 0.25	31-Jan-18	03:48:35
87	180130M2_87	B8A0165-BSD1 LCSD 0.25	31-Jan-18	03:59:59
88	180130M2_88	B8A0165-BLK1 Method Blank 0.25	31-Jan-18	04:11:26
89	180130M2_89	1800186-01 REEPDW132 0.12041	31-Jan-18	04:22:53
90	180130M2_90	1800186-02 REEPDW133 0.12113	31-Jan-18	04:34:22
91	180130M2_91	1800186-03 REEPDW134 0.12099	31-Jan-18	04:45:52
92	180130M2_92	1800196-01 GW1519180119RAP 0.26117	31-Jan-18	04:57:21
93	180130M2_93	1800196-02 GW2529180119RAP 0.26519	31-Jan-18	05:08:48
94	180130M2_94	1800196-03 GW3539180119RAP 0.26249	31-Jan-18	05:20:17
95	180130M2_95	1800207-01 SPLP Solution #1	31-Jan-18	05:31:47
96	180130M2_96	1800207-02 SPLP Solution #2	31-Jan-18	05:43:14
97	180130M2_97	1800207-03 TCLP Solution #1 0.12117	31-Jan-18	05:54:41
98	180130M2_98	1800207-04 TCLP Solution #2 0.12163	31-Jan-18	06:06:08
99	180130M2_99	IPA	31-Jan-18	06:17:37

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Last Altered: Wednesday, January 31, 2018 12:54:14 Pacific Standard Time

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Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
100	180130M2_100	ST180130M2-14 PFC CS3 18A1909	31-Jan-18	06:29:06
101	180130M2_101	IPA	31-Jan-18	06:40:36
102	180130M2_102	B8A0119-BS1 OPR 1	31-Jan-18	06:52:05
103	180130M2_103	B8A0119-BLK1 Method Blank 1	31-Jan-18	07:03:32
104	180130M2_104	B8A0119-MS1 Matrix Spike 1.23	31-Jan-18	07:14:59
105	180130M2_105	B8A0119-MSD1 Matrix Spike Dup 1.13	31-Jan-18	07:26:25
106	180130M2_106	1800098-01 MINNE-09-SB01-010818-00-02 1.16	31-Jan-18	07:37:52
107	180130M2_107	1800098-02 MINNE-09-SB01-010818-16-18 1.17	31-Jan-18	07:49:22
108	180130M2_108	1800098-03 MINNE-09-SB03-010818-01-02 1.21	31-Jan-18	08:00:51
109	180130M2_109	1800098-04 MINNE-09-SB03-010818-15-17 1.13	31-Jan-18	08:12:21
110	180130M2_110	1800098-05 MINNE-10-SB01-010818-00-02 1.3	31-Jan-18	08:23:50
111	180130M2_111	1800098-06 MINNE-10-SB01-010818-09-11 1.13	31-Jan-18	08:35:17
112	180130M2_112	1800098-07 MINNE-10-SB03-010818-00-02 1.29	31-Jan-18	08:46:43
113	180130M2_113	1800098-08 MINNE-10-SB03-010818-15-16 1.22	31-Jan-18	08:58:11
114	180130M2_114	1800098-09 MINNE-10-SB04-010818-01-02 1.16	31-Jan-18	09:09:38
115	180130M2_115	1800098-11 MINNE-SO-DUP01-010818 1.18	31-Jan-18	09:21:06
116	180130M2_116	IPA	31-Jan-18	09:32:33
117	180130M2_117	ST180130M2-15 PFC CS0 18A1906	31-Jan-18	09:44:03
118	180130M2_118	IPA	31-Jan-18	09:55:31
119	180130M2_119	1800098-12 MINNE-SO-DUP02-010818 1.13	31-Jan-18	10:07:01
120	180130M2_120	1800099-01 MINNE-08-SB03-010818-01-02 1.16	31-Jan-18	10:20:17
121	180130M2_121	1800099-02 MINNE-08-SB03-010818-15-17 1.17	31-Jan-18	10:31:40
122	180130M2_122	1800099-03 MINNE-10-SB02-010918-00-02 1.11	31-Jan-18	10:43:07
123	180130M2_123	1800099-04 MINNE-10-SB02-010918-15-17 1.15	31-Jan-18	10:54:34
124	180130M2_124	1800099-05 MINNE-10-SB04-010818-16-18 1.18	31-Jan-18	11:06:01
125	180130M2_125	IPA	31-Jan-18	11:17:30
126	180130M2_126	B8A0148-BS1 OPR 1	31-Jan-18	11:28:58
127	180130M2_127	B8A0148-BLK1 Method Blank 1	31-Jan-18	11:40:29
128	180130M2_128	1800193-01 CANGPFOS20180122 1.11	31-Jan-18	11:51:57
129	180130M2_129	IPA	31-Jan-18	12:03:26
130	180130M2_130	ST180130M2-16 PFC CS3 18A1909	31-Jan-18	12:14:57
131	180130M2_131	IPA	31-Jan-18	12:26:23

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-40.qld

Last Altered: Wednesday, January 31, 2018 10:54:12 Pacific Standard Time

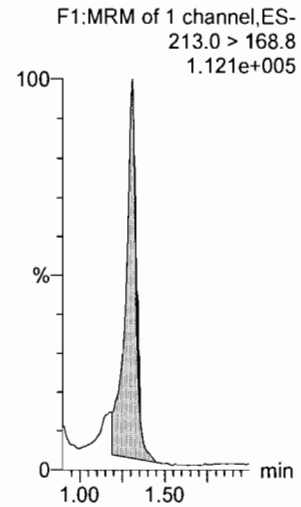
Printed: Wednesday, January 31, 2018 10:54:32 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 31 Jan 2018 09:53:30

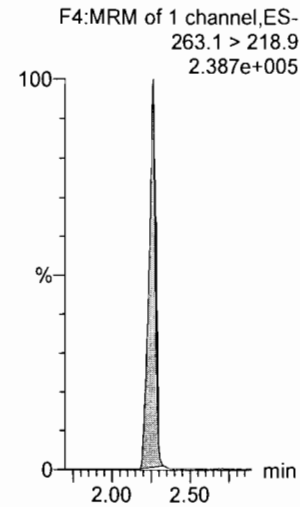
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Name: 180130M2_40, Date: 30-Jan-2018, Time: 19:00:38, ID: ST180130M2-11 PFC CS3 18A1909, Description: PFC CS3 18A1909

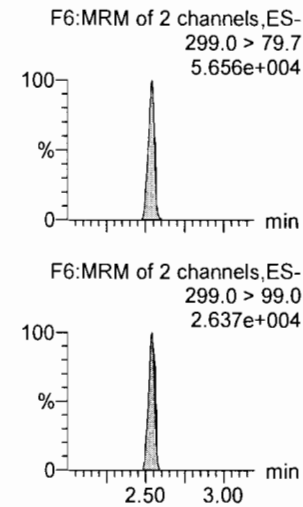
PFBA



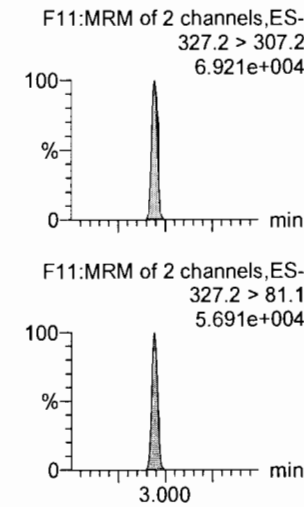
PFPeA



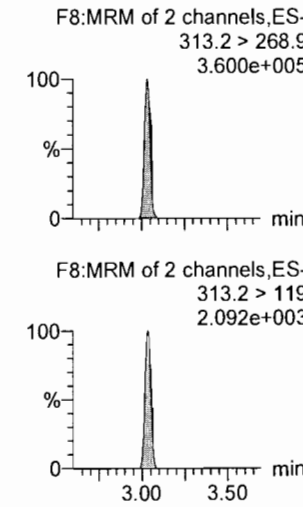
PFBS



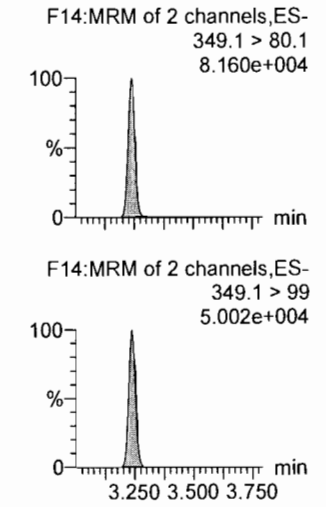
4:2 FTS



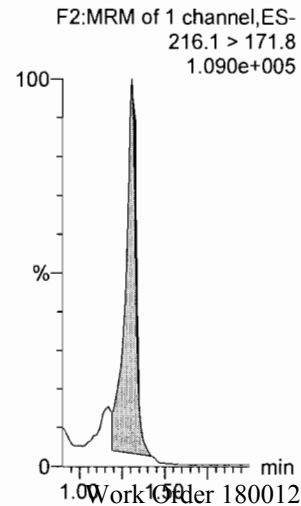
PFHxA



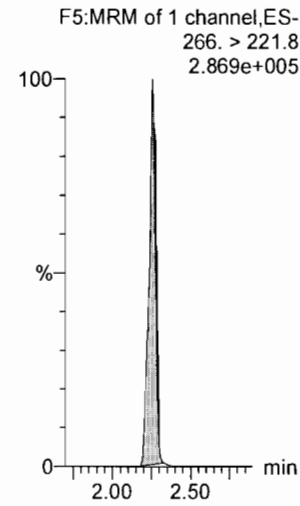
PFPeS



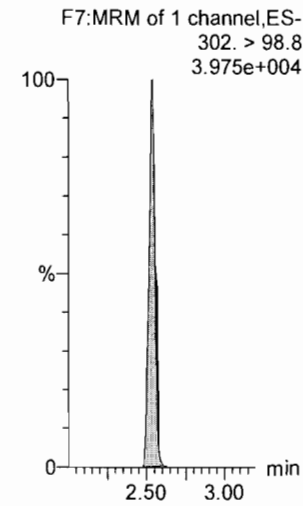
13C3-PFBA



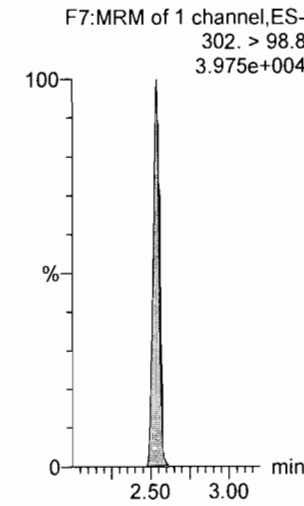
13C3-PFPeA



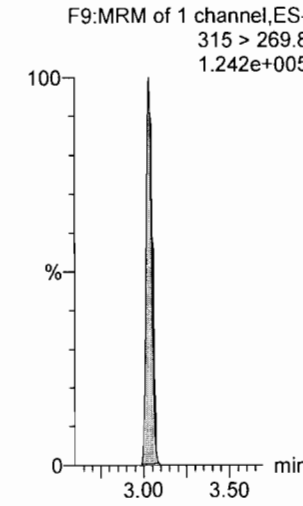
13C3-PFBS



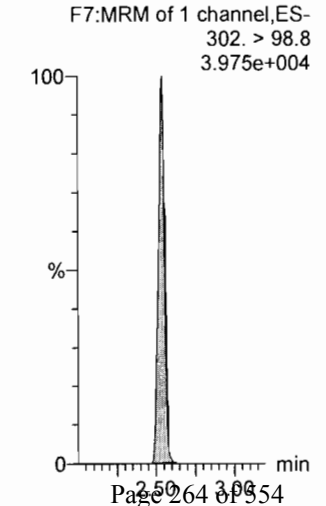
13C3-PFBS



13C2-PFHxA



13C3-PFBS



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-40.qld

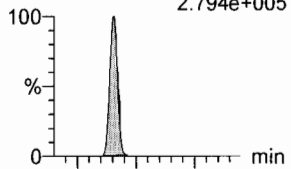
Last Altered: Wednesday, January 31, 2018 10:54:12 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:54:32 Pacific Standard Time

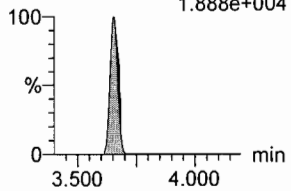
Name: 180130M2_40, Date: 30-Jan-2018, Time: 19:00:38, ID: ST180130M2-11 PFC CS3 18A1909, Description: PFC CS3 18A1909

PFHpA

F15:MRM of 2 channels,ES-
363.0 > 318.9
2.794e+005

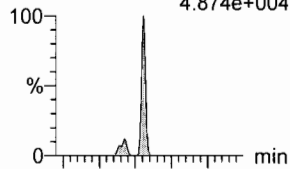


F15:MRM of 2 channels,ES-
363.0 > 169.0
1.888e+004

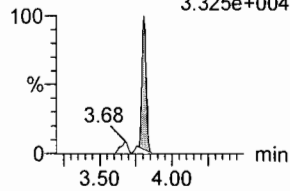


L-PFHxS

F17:MRM of 2 channels,ES-
398.9 > 79.6
4.874e+004

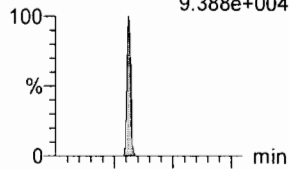


F17:MRM of 2 channels,ES-
398.9 > 99.0
3.325e+004

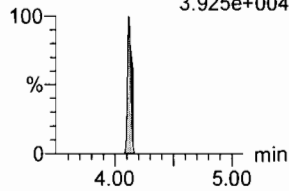


6:2 FTS

F23:MRM of 2 channels,ES-
427.1 > 407
9.388e+004

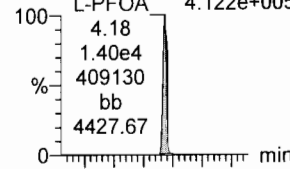


F23:MRM of 2 channels,ES-
427.1 > 80
3.925e+004

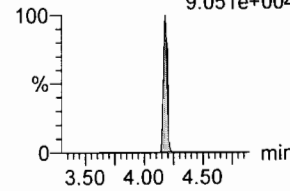


L-PFOA

F20:MRM of 2 channels,ES-
413 > 368.7
4.122e+005

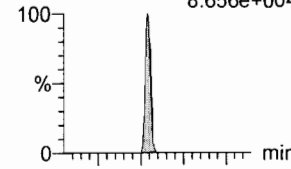


F20:MRM of 2 channels,ES-
413 > 169
9.051e+004

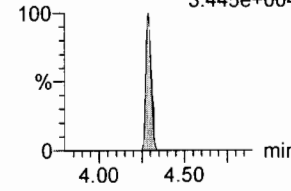


PFHpS

F25:MRM of 2 channels,ES-
449 > 80.0
8.656e+004

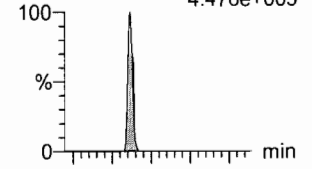


F25:MRM of 2 channels,ES-
449 > 98.7
3.445e+004

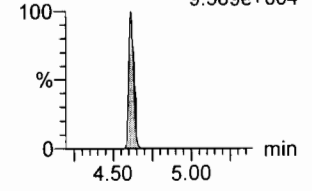


PFNA

F26:MRM of 2 channels,ES-
463.0 > 418.8
4.476e+005

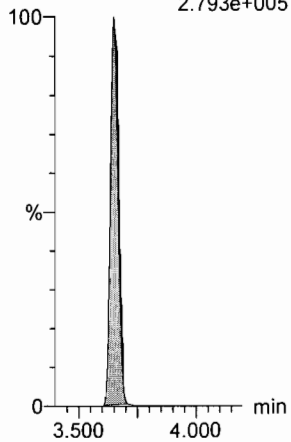


F26:MRM of 2 channels,ES-
463.0 > 219.0
9.589e+004



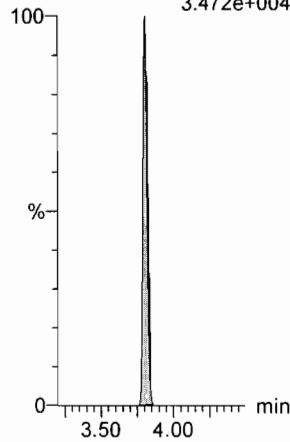
13C4-PFHpA

F16:MRM of 1 channel,ES-
367.2 > 321.8
2.793e+005



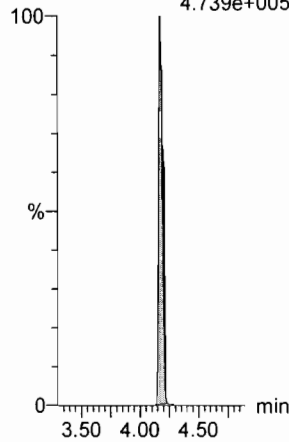
18O2-PFHxS

F19:MRM of 1 channel,ES-
403.0 > 102.6
3.472e+004



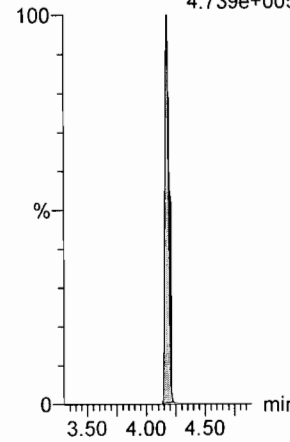
13C2-PFOA

F21:MRM of 1 channel,ES-
414.9 > 369.7
4.739e+005



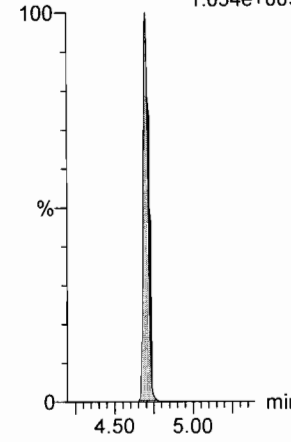
13C2-PFOA

F21:MRM of 1 channel,ES-
414.9 > 369.7
4.739e+005



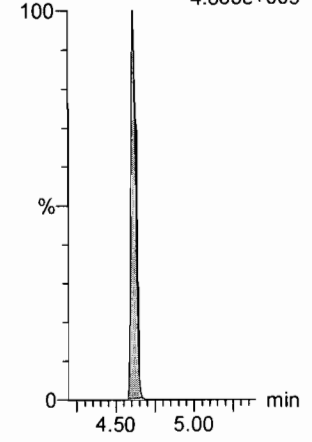
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9
1.054e+005



13C5-PFNA

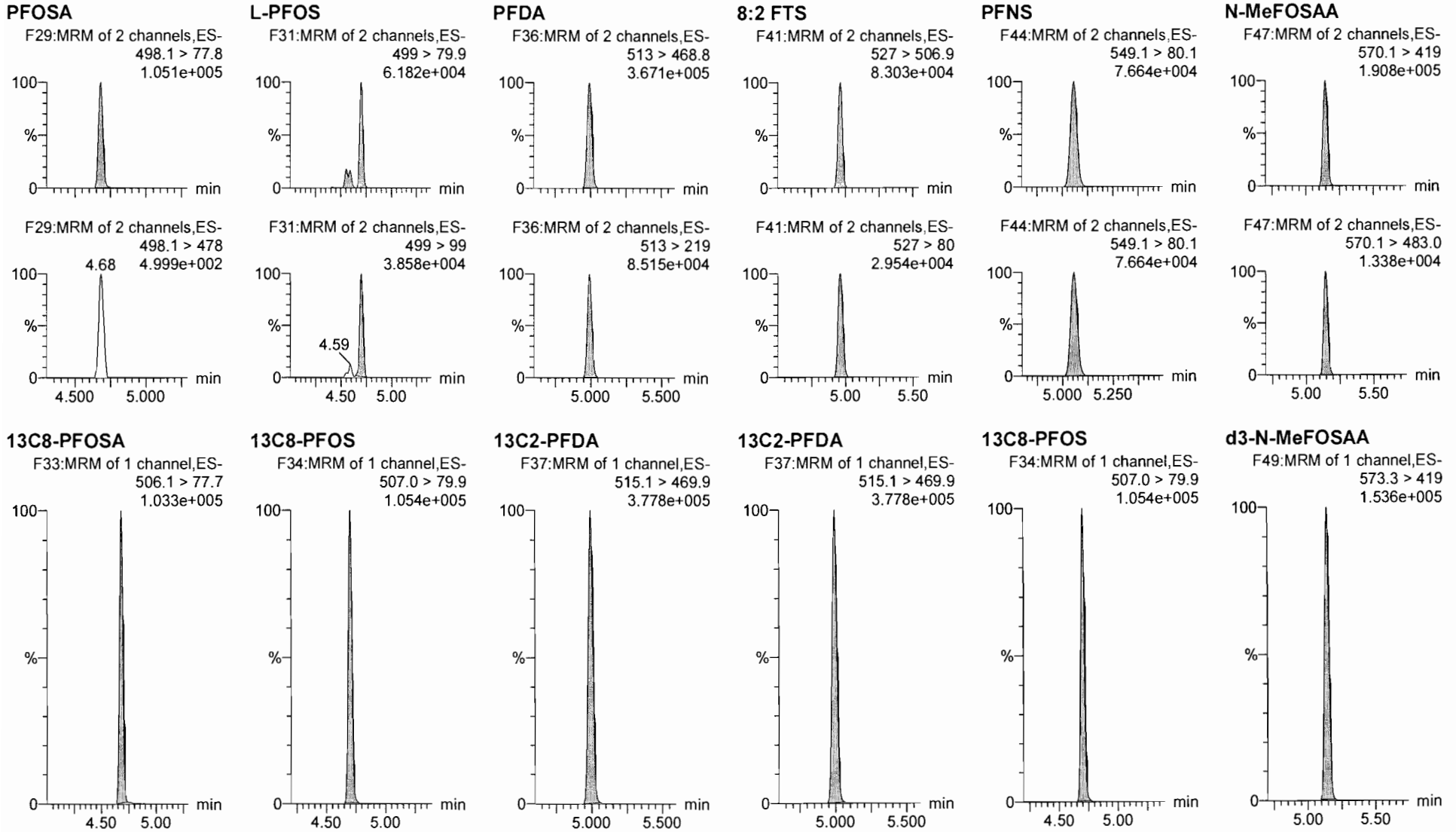
F27:MRM of 1 channel,ES-
468.2 > 422.9
4.683e+005



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-40.qld

Last Altered: Wednesday, January 31, 2018 10:54:12 Pacific Standard Time
Printed: Wednesday, January 31, 2018 10:54:32 Pacific Standard Time

Name: 180130M2_40, Date: 30-Jan-2018, Time: 19:00:38, ID: ST180130M2-11 PFC CS3 18A1909, Description: PFC CS3 18A1909



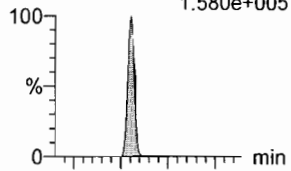
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Last Altered: Wednesday, January 31, 2018 10:54:12 Pacific Standard Time
Printed: Wednesday, January 31, 2018 10:54:32 Pacific Standard Time

Name: 180130M2_40, Date: 30-Jan-2018, Time: 19:00:38, ID: ST180130M2-11 PFC CS3 18A1909, Description: PFC CS3 18A1909

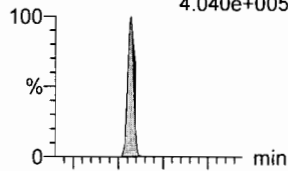
N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
1.580e+005



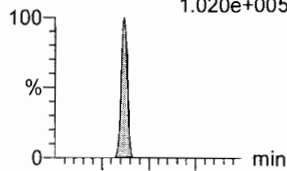
PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
4.040e+005



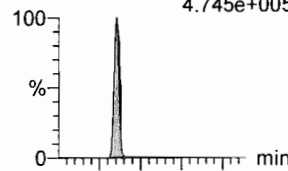
PFDS

F52:MRM of 2 channels,ES-
598.8 > 80
1.020e+005



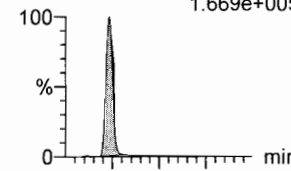
PFDoA

F53:MRM of 4 channels,ES-
612.9 > 569.0
4.745e+005



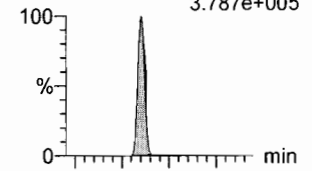
N-MeFOSA

F35:MRM of 2 channels,ES-
512.1 > 168.9
1.669e+005

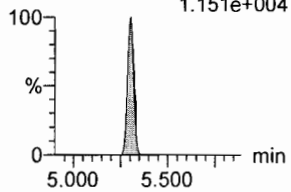


PFTrDA

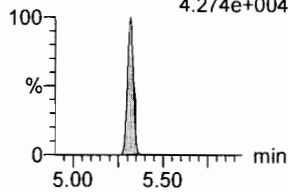
F59:MRM of 2 channels,ES-
662.9 > 618.9
3.787e+005



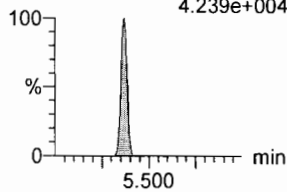
F50:MRM of 2 channels,ES-
584.2 > 483.0
1.151e+004



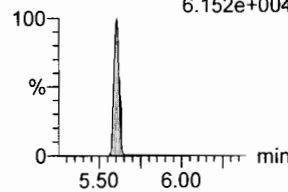
F45:MRM of 2 channels,ES-
563.0 > 269
4.274e+004



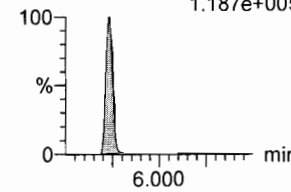
F52:MRM of 2 channels,ES-
598.8 > 98.7
4.239e+004



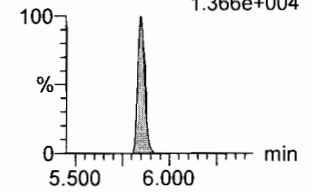
F53:MRM of 4 channels,ES-
612.9 > 318.8
6.152e+004



F35:MRM of 2 channels,ES-
512.1 > 219
1.187e+005

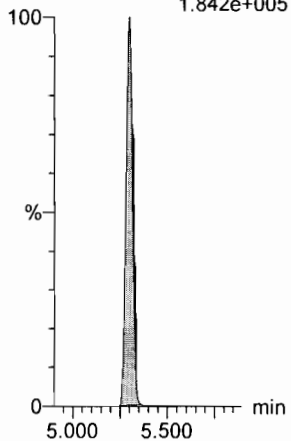


F59:MRM of 2 channels,ES-
662.9 > 319
1.366e+004



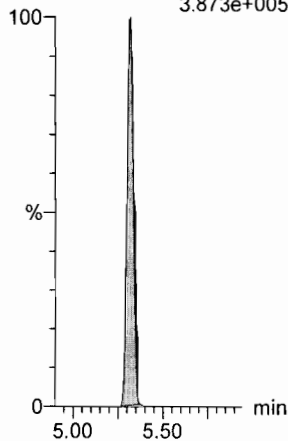
d3-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
1.842e+005



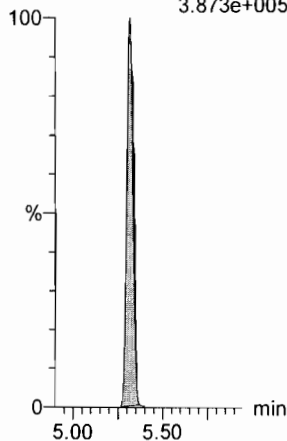
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.873e+005



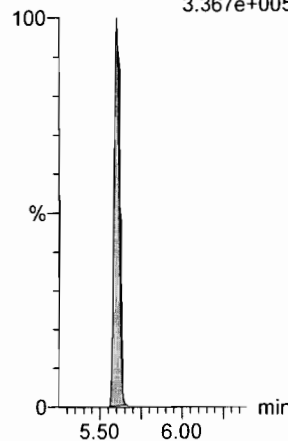
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.873e+005



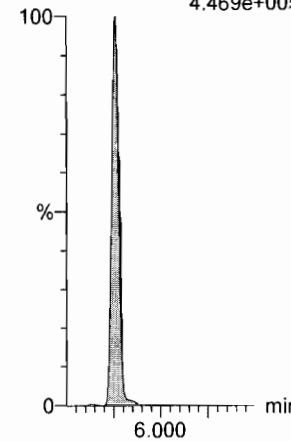
13C2-PFDoA

F54:MRM of 2 channels,ES-
615.0 > 569.7
3.367e+005



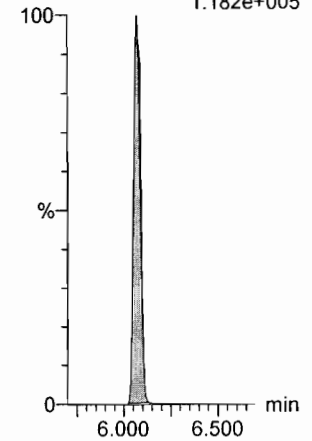
d3-N-MeFOSA

F38:MRM of 1 channel,ES-
515.2 > 168.9
4.469e+005



13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6
1.182e+005

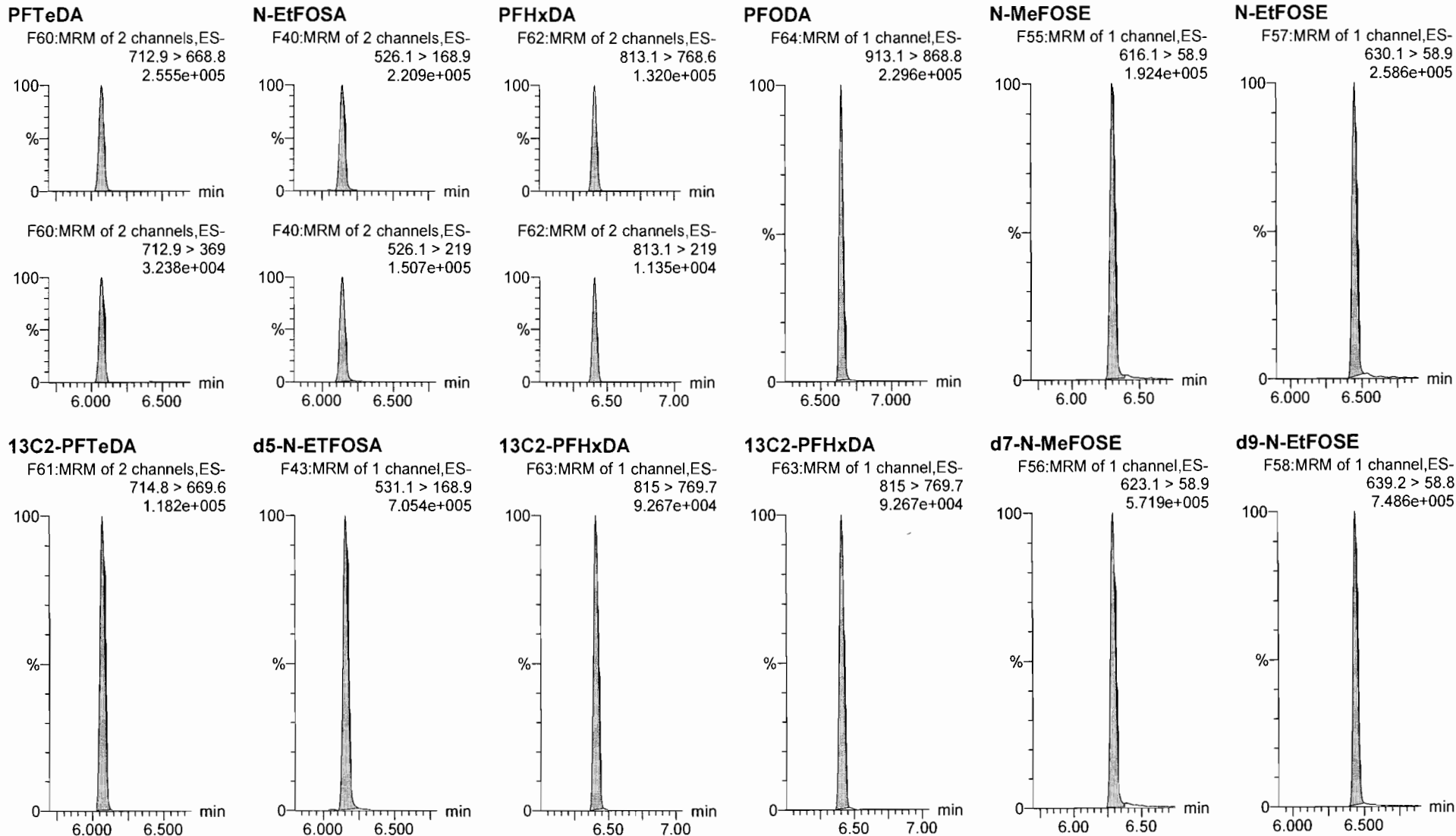


Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-40.qld

Last Altered: Wednesday, January 31, 2018 10:54:12 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:54:32 Pacific Standard Time

Name: 180130M2_40, Date: 30-Jan-2018, Time: 19:00:38, ID: ST180130M2-11 PFC CS3 18A1909, Description: PFC CS3 18A1909



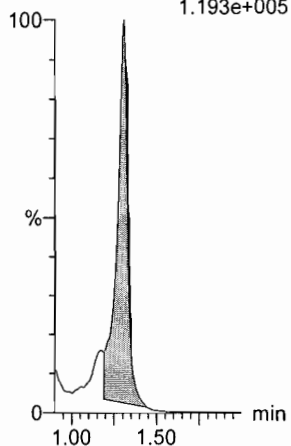
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Last Altered: Wednesday, January 31, 2018 10:54:12 Pacific Standard Time
Printed: Wednesday, January 31, 2018 10:54:32 Pacific Standard Time

Name: 180130M2_40, Date: 30-Jan-2018, Time: 19:00:38, ID: ST180130M2-11 PFC CS3 18A1909, Description: PFC CS3 18A1909

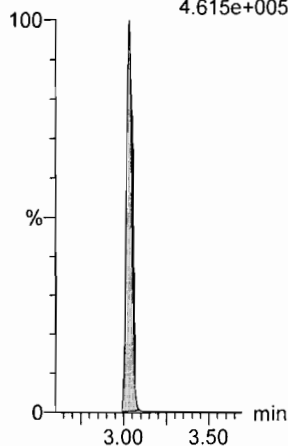
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.193e+005



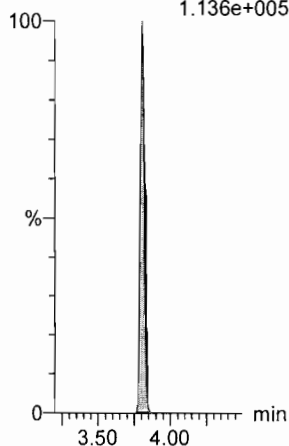
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
4.615e+005



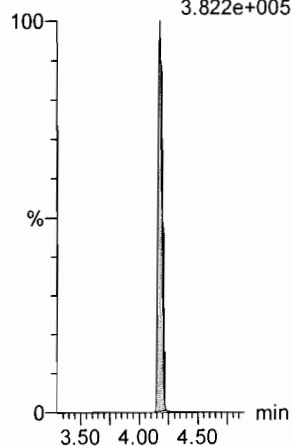
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
1.136e+005



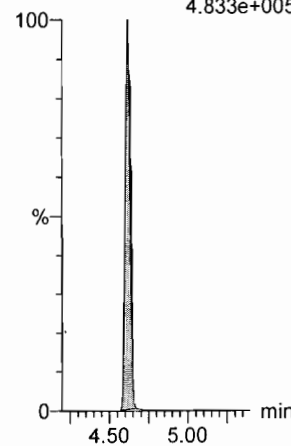
13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
3.822e+005



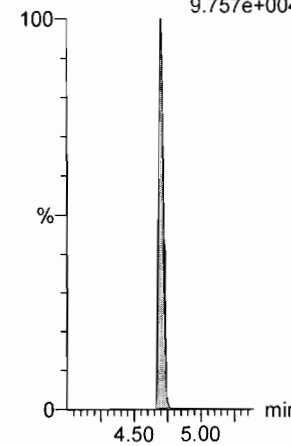
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
4.833e+005



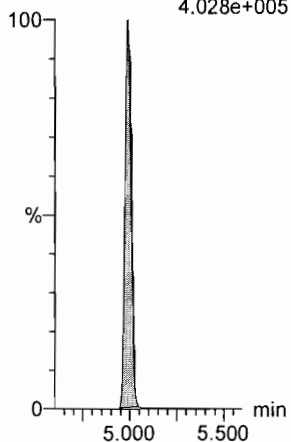
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
9.757e+004



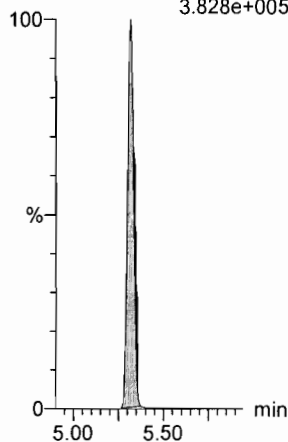
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
4.028e+005



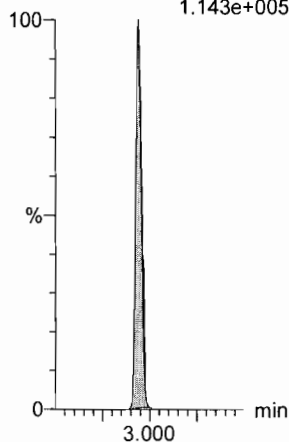
13C7-PFUDa

F48:MRM of 1 channel,ES-
570.1 > 524.8
3.828e+005



13C2-4:2 FTS

F12:MRM of 1 channel,ES-
329.2 > 308.9
1.143e+005



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-60.qld

Last Altered: Wednesday, January 31, 2018 11:07:35 Pacific Standard Time

Printed: Wednesday, January 31, 2018 11:07:41 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 31 Jan 2018 09:53:30

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_60, Date: 30-Jan-2018, Time: 22:50:01, ID: ST180130M2-12 PFC CS0 18A1906, Description: PFC CS0 18A1906

AC
1/31/18
✓ J.A.
01/31/2018

#	Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	7.15e2	8.58e3		1.0000	1.29	1.32	1.04	0.9322	93.2
2	2 PFPeA	263.1 > 218.9	1.21e3	1.47e4		1.0000	2.27	2.27	1.03	0.9784	97.8
3	3 PFBS	299.0 > 79.7	2.74e2	1.91e3		1.0000	2.56	2.55	1.80	0.9550	95.5
4	4 4:2 FTS	327.2>307.2	2.36e2	1.91e3		1.0000	2.93	2.95	1.55	0.8236	82.4
5	5 PFHxA	313.2 > 268.9	1.44e3	4.06e3		1.0000	3.05	3.04	1.77	1.014	101.4
6	6 PFPeS	349.1>80.1	2.58e2	1.91e3		1.0000	3.23	3.25	1.69	0.7542	75.4
7	7 PFHpA	363.0 > 318.9	1.26e3	1.14e4		1.0000	3.68	3.66	1.38	1.063	106.3
8	8 L-PFHxS	398.9 > 79.6	2.30e2	1.35e3		1.0000	3.80	3.81	2.13	1.137	113.7
9	10 6:2 FTS	427.1 > 407	4.11e2	1.80e4		1.0000	4.15	4.13	0.286	1.208	120.8
10	11 L-PFOA	413 > 368.7	1.50e3	1.80e4		1.0000	4.20	4.18	1.04	0.9209	92.1
11	13 PFHpS	449 > 80.0	3.02e2	3.86e3		1.0000	4.30	4.29	0.980	1.054	105.4
12	14 PFNA	463.0 > 418.8	1.52e3	1.52e4		1.0000	4.65	4.62	1.25	0.8878	88.8
13	15 PFOSA	498.1 > 77.8	3.50e2	3.88e3		1.0000	4.70	4.69	1.13	1.062	106.2
14	16 L-PFOS	499 > 79.9	3.39e2	3.86e3		1.0000	4.75	4.70	1.10	1.175	117.5
15	18 PFDA	513 > 468.8	1.84e3	1.58e4		1.0000	5.03	4.99	1.45	1.048	104.8
16	19 8:2 FTS	527 > 506.9	2.31e2	1.58e4		1.0000	5.00	4.97	0.182	0.7901	79.0
17	20 PFNS	549.1>80.1	3.10e2	3.86e3		1.0000	5.05	5.06	1.01	1.055	105.5
18	21 N-MeFOSAA	570.1 > 419	6.42e2	6.17e3		1.0000	5.20	5.15	1.30	0.8545	85.4
19	22 N-EtFOSAA	584.2 > 419	5.01e2	7.58e3		1.0000	5.30	5.30	0.826	0.7351	73.5
20	23 PFUdA	563.0 > 518.9	1.31e3	1.92e4		1.0000	5.36	5.32	0.854	0.7022	70.2
21	24 PFDS	598.8 > 80	3.53e2	1.92e4		1.0000	5.40	5.37	0.229	0.8847	88.5
22	25 PFDoA	612.9 > 569.0	1.84e3	1.43e4		1.0000	5.65	5.60	1.61	1.045	104.5
23	26 N-MeFOSA	512.1 > 168.9	7.70e2	1.95e4		1.0000	5.70	5.74	5.91	5.646	112.9
24	27 PFTTrDA	662.9 > 618.9	1.74e3	5.40e3		1.0000	5.90	5.85	4.04	1.026	102.6
25	28 PFTeDA	712.9 > 668.8	9.36e2	5.40e3		1.0000	6.12	6.07	2.17	0.8220	82.2
26	29 N-EtFOSA	526.1 > 168.9	9.68e2	3.05e4		1.0000	6.12	6.15	4.76	5.181	103.6
27	30 PFHxDA	813.1 > 768.6	5.33e2	3.45e3		1.0000	6.46	6.41	0.773	1.149	114.9
28	31 PFODA	913.1 > 868.8	7.43e2	3.45e3		1.0000	6.70	6.64	1.08	1.282	128.2
29	32 N-MeFOSE	616.1 > 58.9	8.62e2	2.72e4		1.0000	6.31	6.30	4.76	4.881	97.6
30	33 N-EtFOSE	630.1 > 58.9	1.12e3	2.28e4		1.0000	6.45	6.45	7.35	6.274	125.5
31	Work Order CS018A1	216.1 > 171.8	8.58e3	9.88e3	0.842	1.0000	1.30	1.31	10.9	12.90	103.2

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Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-60.qld

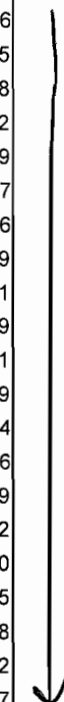
Last Altered: Wednesday, January 31, 2018 11:07:35 Pacific Standard Time

Printed: Wednesday, January 31, 2018 11:07:41 Pacific Standard Time

Name: 180130M2_60, Date: 30-Jan-2018, Time: 22:50:01, ID: ST180130M2-12 PFC CS0 18A1906, Description: PFC CS0 18A1906

#	Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
32	35 13C3-PFPeA	266. > 221.8	1.47e4	1.52e4	0.870	1.0000	2.27	2.27	12.1	13.88	111.1
33	36 13C3-PFBS	302. > 98.8	1.91e3	1.52e4	0.109	1.0000	2.56	2.55	1.56	14.33	114.6
34	37 13C2-PFHxA	315 > 269.8	4.06e3	1.52e4	0.684	1.0000	3.05	3.04	3.33	4.875	97.5
35	38 13C4-PFHpA	367.2 > 321.8	1.14e4	1.52e4	0.732	1.0000	3.68	3.66	9.32	12.72	101.8
36	39 18O2-PFHxS	403.0 > 102.6	1.35e3	3.89e3	0.318	1.0000	3.80	3.81	4.35	13.65	109.2
37	40 13C2-6:2 FTS	429.1 > 408.9	3.68e3	1.39e4	0.263	1.0000	4.15	4.13	3.32	12.61	100.9
38	41 13C2-PFOA	414.9 > 369.7	1.80e4	1.39e4	1.120	1.0000	4.20	4.18	16.2	14.46	115.7
39	42 13C5-PFNA	468.2 > 422.9	1.52e4	1.43e4	0.921	1.0000	4.65	4.62	13.3	14.45	115.6
40	43 13C8-PFOSA	506.1 > 77.7	3.88e3	1.62e4	0.245	1.0000	4.70	4.69	3.00	12.24	97.9
41	44 13C8-PFOS	507.0 > 79.9	3.86e3	4.10e3	1.034	1.0000	4.75	4.70	11.8	11.39	91.1
42	45 13C2-PFDA	515.1 > 469.9	1.58e4	1.44e4	1.080	1.0000	5.03	4.99	13.7	12.73	101.9
43	46 13C2-8:2 FTS	529.1 > 508.7	1.96e3	1.52e4	0.165	1.0000	5.00	4.96	1.61	9.762	78.1
44	47 d3-N-MeFOSAA	573.3 > 419	6.17e3	1.62e4	0.398	1.0000	5.20	5.15	4.77	11.98	95.9
45	48 d5-N-EtFOSAA	589.3 > 419	7.58e3	1.62e4	0.425	1.0000	5.30	5.30	5.86	13.80	110.4
46	49 13C2-PFUdA	565 > 519.8	1.92e4	1.62e4	1.047	1.0000	5.36	5.32	14.9	14.20	113.6
47	50 13C2-PFDoA	615.0 > 569.7	1.43e4	1.62e4	0.805	1.0000	5.65	5.60	11.1	13.74	109.9
48	51 d3-N-MeFOSA	515.2 > 168.9	1.95e4	1.62e4	0.104	1.0000	5.70	5.76	15.1	145.8	97.2
49	52 13C2-PFTeDA	714.8 > 669.6	5.40e3	1.62e4	0.367	1.0000	6.12	6.07	4.17	11.37	91.0
50	53 d5-N-ETFOSA	531.1 > 168.9	3.05e4	1.62e4	0.155	1.0000	6.25	6.16	23.6	152.3	101.5
51	54 13C2-PFHxDA	815 > 769.7	3.45e3	1.62e4	0.721	1.0000	6.46	6.41	2.66	3.692	73.8
52	55 d7-N-MeFOSE	623.1 > 58.9	2.72e4	1.62e4	0.143	1.0000	6.31	6.29	21.0	147.3	98.2
53	56 d9-N-EtFOSE	639.2 > 58.8	2.28e4	1.62e4	0.133	1.0000	6.12	6.44	17.7	133.1	88.7
54	57 13C4-PFBA	217. > 171.8	9.88e3	9.88e3	1.000	1.0000	1.30	1.31	12.5	12.50	100.0
55	58 13C5-PFHxA	318 > 272.9	1.52e4	1.52e4	1.000	1.0000	3.05	3.04	12.5	12.50	100.0
56	59 13C3-PFHxS	401.9 > 79.9	3.89e3	3.89e3	1.000	1.0000	3.80	3.81	12.5	12.50	100.0
57	60 13C8-PFOA	421.3 > 376	1.39e4	1.39e4	1.000	1.0000	4.20	4.18	12.5	12.50	100.0
58	61 13C9-PFNA	472.2 > 426.9	1.43e4	1.43e4	1.000	1.0000	4.65	4.62	12.5	12.50	100.0
59	62 13C4-PFOS	503 > 79.9	4.10e3	4.10e3	1.000	1.0000	4.60	4.70	12.5	12.50	100.0
60	63 13C6-PFDA	519.1 > 473.7	1.44e4	1.44e4	1.000	1.0000	5.03	4.99	12.5	12.50	100.0
61	64 13C7-PFUdA	570.1 > 524.8	1.62e4	1.62e4	1.000	1.0000	5.36	5.32	12.5	12.50	100.0
62	72 13C2-4:2 FTS	329.2>308.9	3.86e3	1.52e4	0.275	1.0000	2.93	2.95	3.17	11.54	92.3

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Dataset: Untitled

Last Altered: Wednesday, January 31, 2018 12:54:14 Pacific Standard Time

Printed: Wednesday, January 31, 2018 12:54:34 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 31 Jan 2018 09:53:30

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180130M2_1	IPA	30-Jan-18	11:33:07
2	180130M2_2	ST180130M2-1 PFC CS-2 18A1904	30-Jan-18	11:44:38
3	180130M2_3	ST180130M2-2 PFC CS-1 18A1905	30-Jan-18	11:56:07
4	180130M2_4	ST180130M2-3 PFC CS0 18A1906	30-Jan-18	12:07:36
5	180130M2_5	ST180130M2-4 PFC CS1 18A1907	30-Jan-18	12:19:06
6	180130M2_6	ST180130M2-5 PFC CS2 18A1908	30-Jan-18	12:30:35
7	180130M2_7	ST180130M2-6 PFC CS3 18A1909	30-Jan-18	12:42:05
8	180130M2_8	ST180130M2-7 PFC CS4 18A1910	30-Jan-18	12:53:35
9	180130M2_9	ST180130M2-8 PFC CS5 18A1911	30-Jan-18	13:05:04
10	180130M2_10	ST180130M2-9 PFC CS6 18A2403	30-Jan-18	13:16:34
11	180130M2_11	ST180130M2-10 PFC CS7 18A2404	30-Jan-18	13:28:04
12	180130M2_12	IPA	30-Jan-18	13:39:34
13	180130M2_13	ICV180130M2-1 PFC ICV 18A1903	30-Jan-18	13:51:03
14	180130M2_14	IPA	30-Jan-18	14:02:33
15	180130M2_15	1800188-02 REEPDW133FRB 0.11579	30-Jan-18	14:14:05
16	180130M2_16	1800204-03 REEPDW137 0.11904	30-Jan-18	14:25:29
17	180130M2_17	1800204-07 REEPDW513 0.11719	30-Jan-18	14:36:56
18	180130M2_18	B8A0173-BLK1 Method Blank 0.125	30-Jan-18	14:48:23
19	180130M2_19	B8A0173-BS1 OPR 0.125	30-Jan-18	14:59:50
20	180130M2_20	B8A0173-BS2 OPR 0.125	30-Jan-18	15:11:16
21	180130M2_21	B8A0173-BS3 OPR 0.125	30-Jan-18	15:22:44
22	180130M2_22	B8A0173-BS4 OPR 0.125	30-Jan-18	15:34:10
23	180130M2_23	B8A0070-BS1 OPR 0.25	30-Jan-18	15:45:37
24	180130M2_24	B8A0070-BLK1 Method Blank 0.25	30-Jan-18	15:57:07
25	180130M2_25	1800010-01 PFAS Ground Water _Surface Wate...	30-Jan-18	16:08:37
26	180130M2_26	IPA	30-Jan-18	16:20:04
27	180130M2_27	B8A0054-BS1 OPR 1	30-Jan-18	16:31:30
28	180130M2_28	B8A0054-BLK1 Method Blank 1	30-Jan-18	16:42:57
29	180130M2_29	1800011-01 PFAS in Soil Lot#122917C2 1	30-Jan-18	16:54:27
30	180130M2_30	B8A0115-MS1 Matrix Spike 0.25673	30-Jan-18	17:05:57
31	180130M2_31	B8A0115-MSD1@10X Matrix Spike Dup 0.25042	30-Jan-18	17:17:24

Dataset: Untitled

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Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
32	180130M2_32	1800121-02 EB01-20180115 0.25066	30-Jan-18	17:28:54
33	180130M2_33	1800121-04 IRSite5-GW-05W06-20180115 0.2...	30-Jan-18	17:40:22
34	180130M2_34	1800121-06 IRSite5-GW-05W01-20180115 0.2...	30-Jan-18	17:51:52
35	180130M2_35	1800121-07 IRSite5-GW-05W03-20180115 0.2...	30-Jan-18	18:03:22
36	180130M2_36	1800121-08 UXOSite14-GW-DPW79A-2018011...	30-Jan-18	18:14:48
37	180130M2_37	1800121-09 UXOSite14-GW-DPW78A-2018011...	30-Jan-18	18:26:15
38	180130M2_38	1800121-10 UXOSite14-GW-DPW77A-2018011...	30-Jan-18	18:37:42
39	180130M2_39	IPA	30-Jan-18	18:49:09
40	180130M2_40	ST180130M2-11 PFC CS3 18A1909	30-Jan-18	19:00:38
41	180130M2_41	IPA	30-Jan-18	19:12:08
42	180130M2_42	1800121-11 IRSite1-GW-01W48A -20180115 0....	30-Jan-18	19:23:37
43	180130M2_43	1800121-12 IRSite1-GW-01W49A- 20180115 0....	30-Jan-18	19:35:04
44	180130M2_44	1800121-13 IRSite1-GW-01W13A- 20180115 0....	30-Jan-18	19:46:34
45	180130M2_45	1800121-14 DUP01-20180115 0.26578	30-Jan-18	19:58:03
46	180130M2_46	1800132-14 PITTS-EB-011118-1400 0.12081	30-Jan-18	20:09:34
47	180130M2_47	B8A0140-BS1 OPR 0.25	30-Jan-18	20:21:00
48	180130M2_48	B8A0140-BSD1 LCSD 0.25	30-Jan-18	20:32:30
49	180130M2_49	B8A0140-BLK1 Method Blank 0.25	30-Jan-18	20:44:00
50	180130M2_50	1800127-01 EB02-20180116 0.27074	30-Jan-18	20:55:29
51	180130M2_51	1800127-02 IRSite1-GW-01W53A-20180116 0....	30-Jan-18	21:06:58
52	180130M2_52	1800127-03 IRSite1-GW-MW80A-20180116 0.2...	30-Jan-18	21:18:25
53	180130M2_53	1800127-04 IRSite1-GW-01W28B-20180116 0....	30-Jan-18	21:29:51
54	180130M2_54	1800127-05 IRSite1-GW-01W38AR-20180116 ...	30-Jan-18	21:41:18
55	180130M2_55	1800127-06 IRSite1-GW-MW86A-20180116 0.2...	30-Jan-18	21:52:45
56	180130M2_56	1800127-07 IRSite1-GW-MW85A-20180116 0.2...	30-Jan-18	22:04:12
57	180130M2_57	1800127-08 DUP02-20180116 0.25425	30-Jan-18	22:15:39
58	180130M2_58	1800127-09 IRSite1-GW-MW82A-20180116 0.2...	30-Jan-18	22:27:06
59	180130M2_59	IPA	30-Jan-18	22:38:33
60	180130M2_60	ST180130M2-12 PFC CS0 18A1906	30-Jan-18	22:50:01
61	180130M2_61	IPA	30-Jan-18	23:01:30
62	180130M2_62	1800139-01 LH-TAP 0.27467	30-Jan-18	23:13:00
63	180130M2_63	1800139-02 LH-RAW 0.27394	30-Jan-18	23:24:27
64	180130M2_64	1701953-01@10X CV-Dup09-20171213 0.2568	30-Jan-18	23:35:57
65	180130M2_65	1701953-10@10X SA-PZ118S-20171213 0.235...	30-Jan-18	23:47:26

Dataset: Untitled

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Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
66	180130M2_66	IPA	30-Jan-18	23:58:55
67	180130M2_67	B7L0136-BLK1 Method Blank 0.0075	31-Jan-18	00:10:22
68	180130M2_68	B7L0136-BS1 OPR 0.0075	31-Jan-18	00:21:50
69	180130M2_69	B7L0136-BS2 OPR 0.0075	31-Jan-18	00:33:19
70	180130M2_70	B7L0136-BS3 OPR 0.0075	31-Jan-18	00:44:49
71	180130M2_71	B7L0136-BS4 OPR 0.0075	31-Jan-18	00:56:18
72	180130M2_72	B7L0140-BS1 OPR 0.0075	31-Jan-18	01:07:47
73	180130M2_73	B7L0140-BSD1 LCSD 0.0075	31-Jan-18	01:19:13
74	180130M2_74	B7L0140-BLK1 Method Blank 0.0075	31-Jan-18	01:30:42
75	180130M2_75	1701882-02RE1 WI-A06-6-I-01-1217-TOP 0.0075	31-Jan-18	01:42:11
76	180130M2_76	1701882-04RE1 WI-A06-EB01-120517-TOP 0....	31-Jan-18	01:53:42
77	180130M2_77	1701882-06RE1 WI-A06-EB02-120517-TOP 0....	31-Jan-18	02:05:12
78	180130M2_78	1701882-08RE1 WI-A06-EFF01-1217-TOP 0.0...	31-Jan-18	02:16:41
79	180130M2_79	1701882-10RE1 WI-A06-EFF01P-1217-TOP 0....	31-Jan-18	02:28:08
80	180130M2_80	1701882-12RE1 WI-A06-INF01-1217-TOP 0.00...	31-Jan-18	02:39:37
81	180130M2_81	1701882-14RE1 WI-A06-P-4-1217-TOP 0.0075	31-Jan-18	02:51:06
82	180130M2_82	1701882-16RE1 WI-A06-6-I-03-1217-TOP 0.0075	31-Jan-18	03:02:33
83	180130M2_83	IPA	31-Jan-18	03:14:03
84	180130M2_84	ST180130M2-13 PFC CS3 18A1909	31-Jan-18	03:25:32
85	180130M2_85	IPA	31-Jan-18	03:37:02
86	180130M2_86	B8A0165-BS1 OPR 0.25	31-Jan-18	03:48:35
87	180130M2_87	B8A0165-BSD1 LCSD 0.25	31-Jan-18	03:59:59
88	180130M2_88	B8A0165-BLK1 Method Blank 0.25	31-Jan-18	04:11:26
89	180130M2_89	1800186-01 REEPDW132 0.12041	31-Jan-18	04:22:53
90	180130M2_90	1800186-02 REEPDW133 0.12113	31-Jan-18	04:34:22
91	180130M2_91	1800186-03 REEPDW134 0.12099	31-Jan-18	04:45:52
92	180130M2_92	1800196-01 GW1519180119RAP 0.26117	31-Jan-18	04:57:21
93	180130M2_93	1800196-02 GW2529180119RAP 0.26519	31-Jan-18	05:08:48
94	180130M2_94	1800196-03 GW3539180119RAP 0.26249	31-Jan-18	05:20:17
95	180130M2_95	1800207-01 SPLP Solution #1	31-Jan-18	05:31:47
96	180130M2_96	1800207-02 SPLP Solution #2	31-Jan-18	05:43:14
97	180130M2_97	1800207-03 TCLP Solution #1 0.12117	31-Jan-18	05:54:41
98	180130M2_98	1800207-04 TCLP Solution #2 0.12163	31-Jan-18	06:06:08
99	180130M2_99	IPA	31-Jan-18	06:17:37

Dataset: Untitled

Last Altered: Wednesday, January 31, 2018 12:54:14 Pacific Standard Time

Printed: Wednesday, January 31, 2018 12:54:34 Pacific Standard Time

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
100	180130M2_100	ST180130M2-14 PFC CS3 18A1909	31-Jan-18	06:29:06
101	180130M2_101	IPA	31-Jan-18	06:40:36
102	180130M2_102	B8A0119-BS1 OPR 1	31-Jan-18	06:52:05
103	180130M2_103	B8A0119-BLK1 Method Blank 1	31-Jan-18	07:03:32
104	180130M2_104	B8A0119-MS1 Matrix Spike 1.23	31-Jan-18	07:14:59
105	180130M2_105	B8A0119-MSD1 Matrix Spike Dup 1.13	31-Jan-18	07:26:25
106	180130M2_106	1800098-01 MINNE-09-SB01-010818-00-02 1.16	31-Jan-18	07:37:52
107	180130M2_107	1800098-02 MINNE-09-SB01-010818-16-18 1.17	31-Jan-18	07:49:22
108	180130M2_108	1800098-03 MINNE-09-SB03-010818-01-02 1.21	31-Jan-18	08:00:51
109	180130M2_109	1800098-04 MINNE-09-SB03-010818-15-17 1.13	31-Jan-18	08:12:21
110	180130M2_110	1800098-05 MINNE-10-SB01-010818-00-02 1.3	31-Jan-18	08:23:50
111	180130M2_111	1800098-06 MINNE-10-SB01-010818-09-11 1.13	31-Jan-18	08:35:17
112	180130M2_112	1800098-07 MINNE-10-SB03-010818-00-02 1.29	31-Jan-18	08:46:43
113	180130M2_113	1800098-08 MINNE-10-SB03-010818-15-16 1.22	31-Jan-18	08:58:11
114	180130M2_114	1800098-09 MINNE-10-SB04-010818-01-02 1.16	31-Jan-18	09:09:38
115	180130M2_115	1800098-11 MINNE-SO-DUP01-010818 1.18	31-Jan-18	09:21:06
116	180130M2_116	IPA	31-Jan-18	09:32:33
117	180130M2_117	ST180130M2-15 PFC CS0 18A1906	31-Jan-18	09:44:03
118	180130M2_118	IPA	31-Jan-18	09:55:31
119	180130M2_119	1800098-12 MINNE-SO-DUP02-010818 1.13	31-Jan-18	10:07:01
120	180130M2_120	1800099-01 MINNE-08-SB03-010818-01-02 1.16	31-Jan-18	10:20:17
121	180130M2_121	1800099-02 MINNE-08-SB03-010818-15-17 1.17	31-Jan-18	10:31:40
122	180130M2_122	1800099-03 MINNE-10-SB02-010918-00-02 1.11	31-Jan-18	10:43:07
123	180130M2_123	1800099-04 MINNE-10-SB02-010918-15-17 1.15	31-Jan-18	10:54:34
124	180130M2_124	1800099-05 MINNE-10-SB04-010818-16-18 1.18	31-Jan-18	11:06:01
125	180130M2_125	IPA	31-Jan-18	11:17:30
126	180130M2_126	B8A0148-BS1 OPR 1	31-Jan-18	11:28:58
127	180130M2_127	B8A0148-BLK1 Method Blank 1	31-Jan-18	11:40:29
128	180130M2_128	1800193-01 CANGPFOS20180122 1.11	31-Jan-18	11:51:57
129	180130M2_129	IPA	31-Jan-18	12:03:26
130	180130M2_130	ST180130M2-16 PFC CS3 18A1909	31-Jan-18	12:14:57
131	180130M2_131	IPA	31-Jan-18	12:26:23

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-60.qld

Last Altered: Wednesday, January 31, 2018 11:07:35 Pacific Standard Time

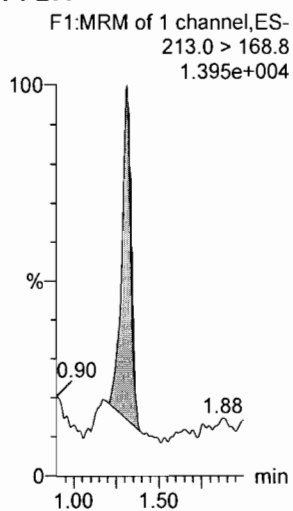
Printed: Wednesday, January 31, 2018 11:07:41 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 31 Jan 2018 09:53:30

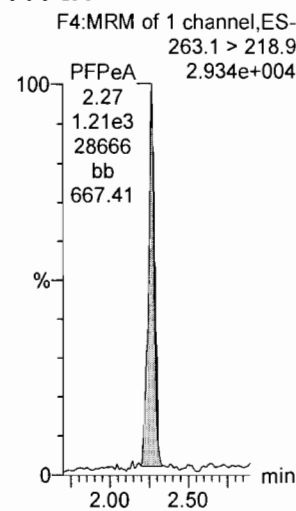
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_60, Date: 30-Jan-2018, Time: 22:50:01, ID: ST180130M2-12 PFC CS0 18A1906, Description: PFC CS0 18A1906

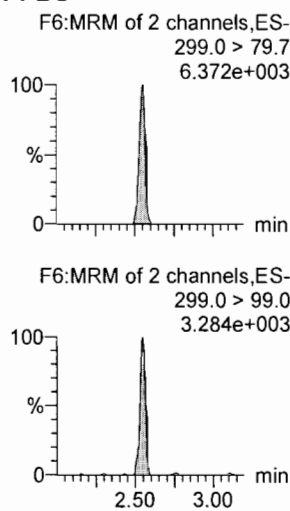
PFBA



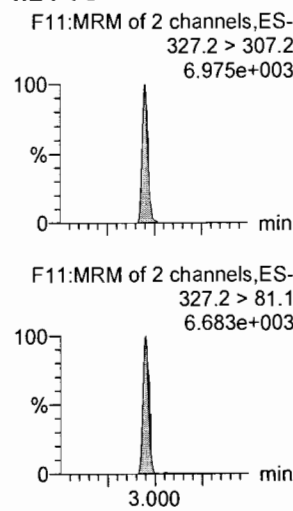
PFPeA



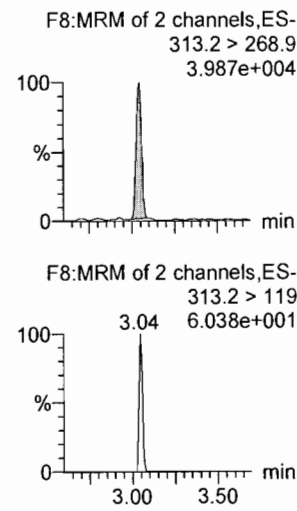
PFBS



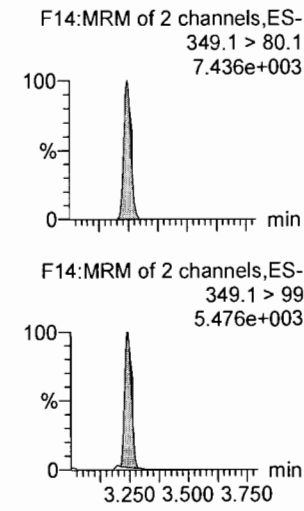
4:2 FTS



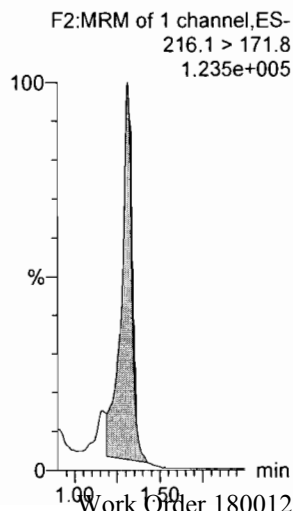
PFHxA



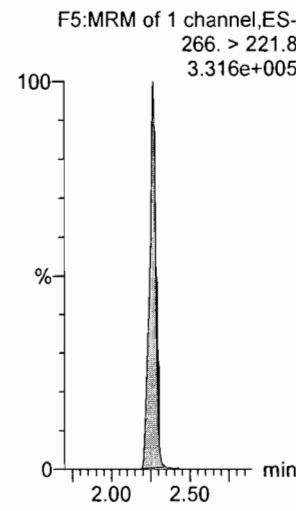
PFPeS



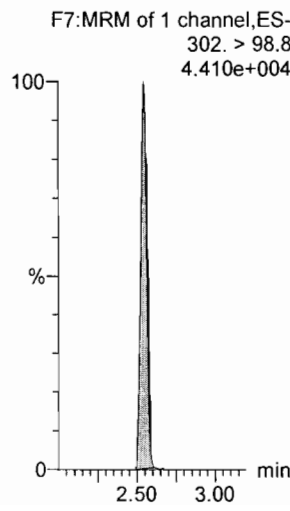
13C3-PFBA



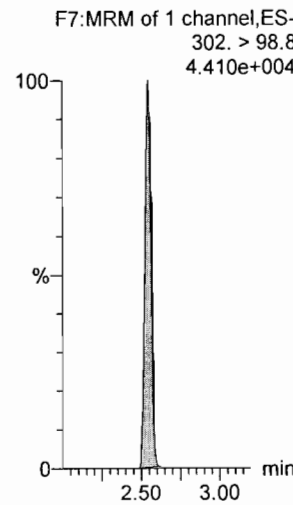
13C3-PFPeA



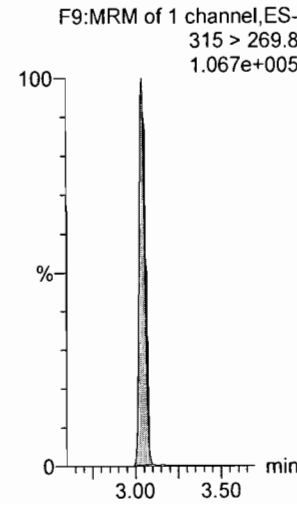
13C3-PFBS



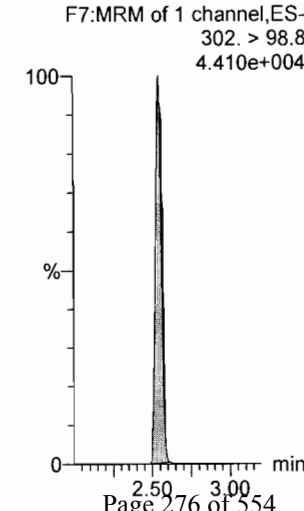
13C3-PFBS



13C2-PFHxA



13C3-PFBS

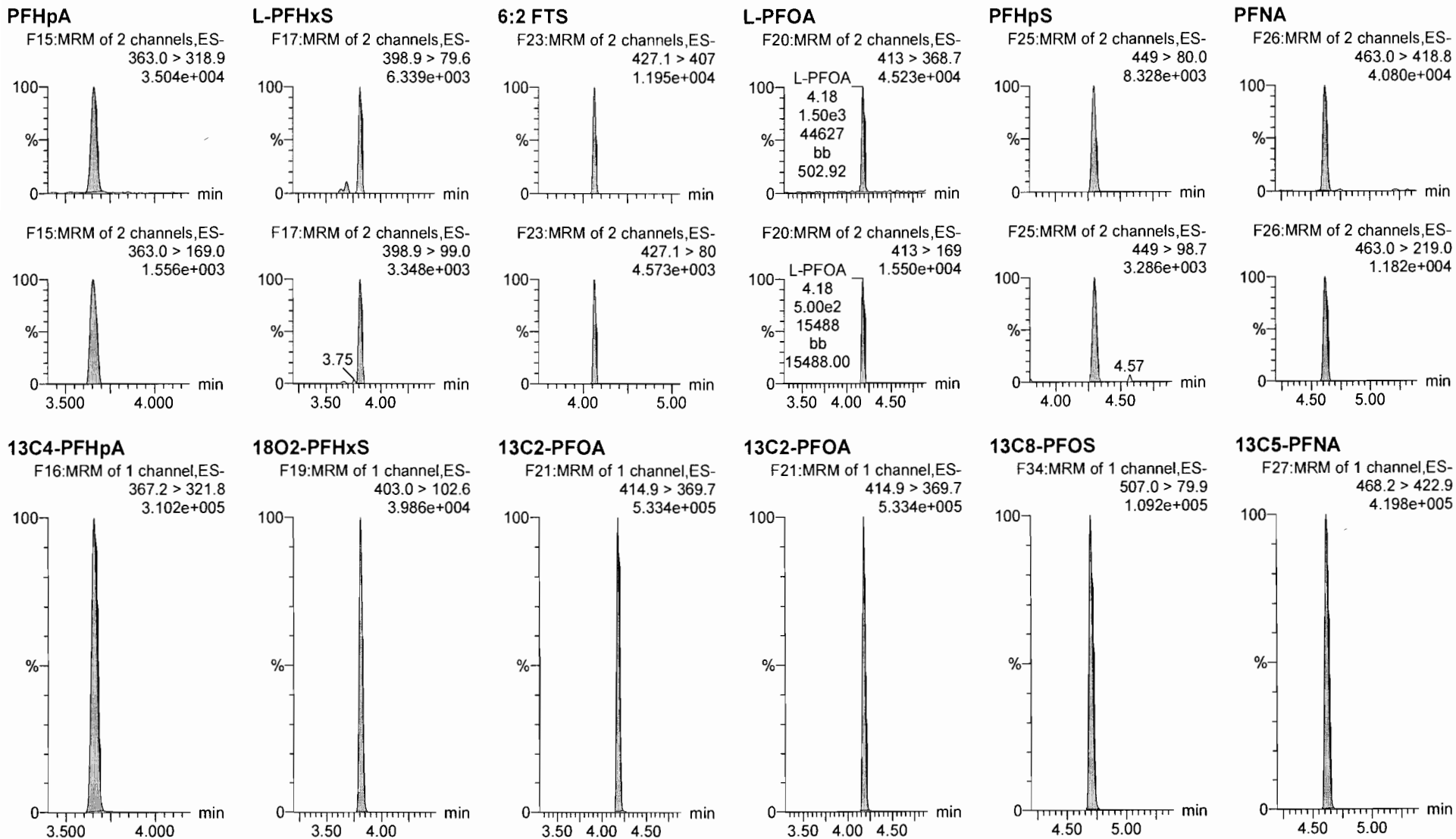


Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-60.qld

Last Altered: Wednesday, January 31, 2018 11:07:35 Pacific Standard Time

Printed: Wednesday, January 31, 2018 11:07:41 Pacific Standard Time

Name: 180130M2_60, Date: 30-Jan-2018, Time: 22:50:01, ID: ST180130M2-12 PFC CS0 18A1906, Description: PFC CS0 18A1906

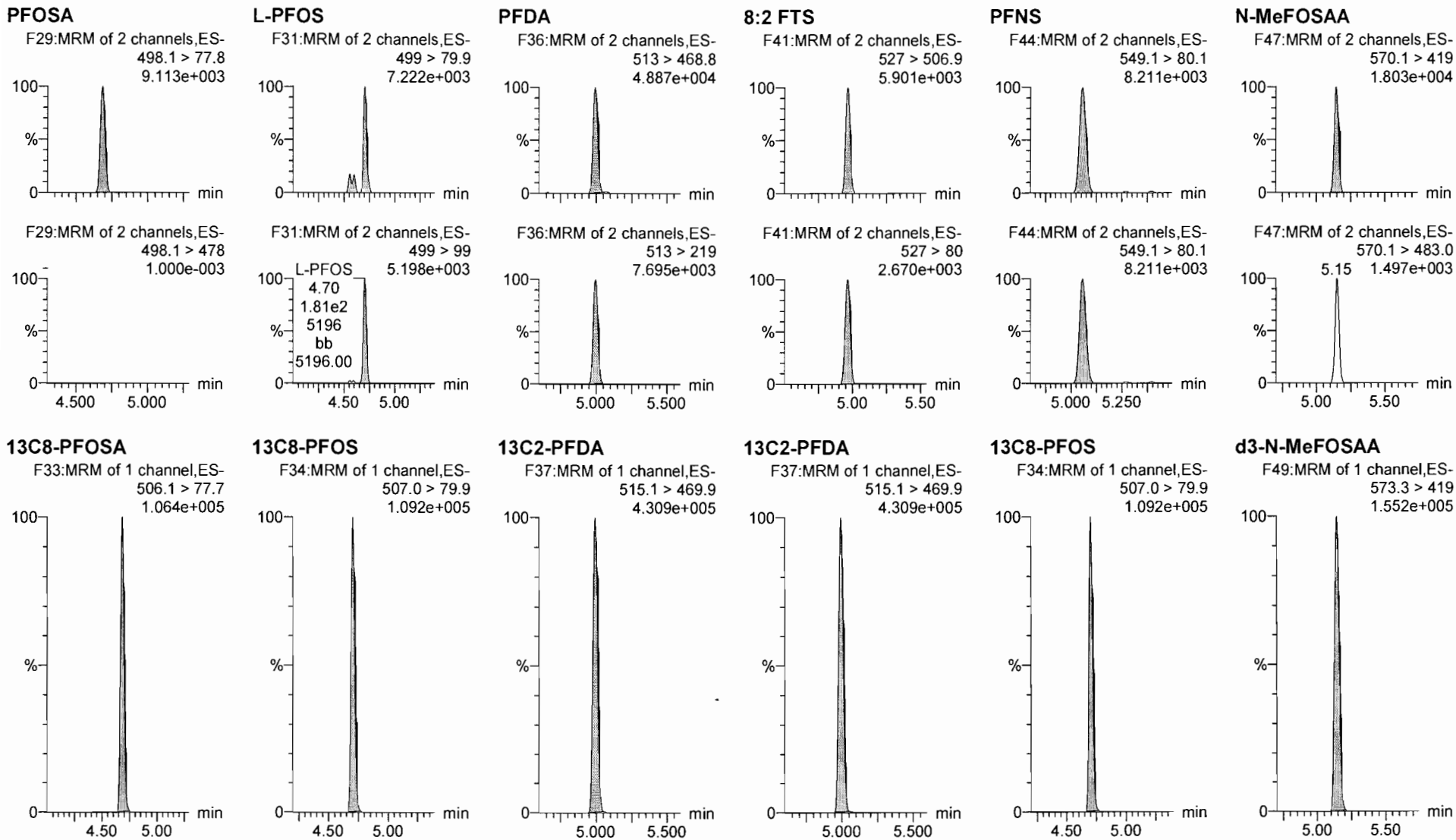


Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-60.qld

Last Altered: Wednesday, January 31, 2018 11:07:35 Pacific Standard Time

Printed: Wednesday, January 31, 2018 11:07:41 Pacific Standard Time

Name: 180130M2_60, Date: 30-Jan-2018, Time: 22:50:01, ID: ST180130M2-12 PFC CS0 18A1906, Description: PFC CS0 18A1906



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-60.qld

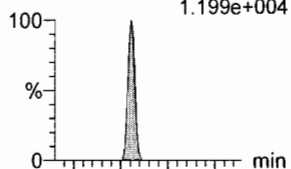
Last Altered: Wednesday, January 31, 2018 11:07:35 Pacific Standard Time

Printed: Wednesday, January 31, 2018 11:07:41 Pacific Standard Time

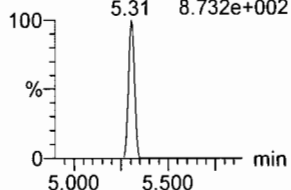
Name: 180130M2_60, Date: 30-Jan-2018, Time: 22:50:01, ID: ST180130M2-12 PFC CS0 18A1906, Description: PFC CS0 18A1906

N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
1.199e+004

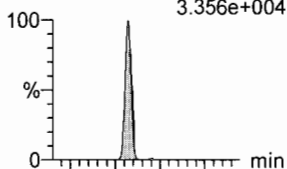


F50:MRM of 2 channels,ES-
584.2 > 483.0
5.31 8.732e+002

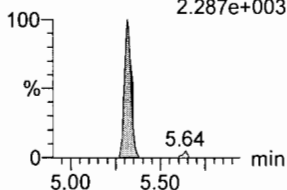


PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
3.356e+004

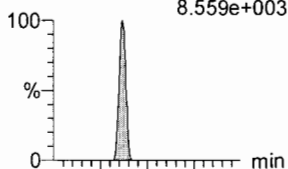


F45:MRM of 2 channels,ES-
563.0 > 269
2.287e+003

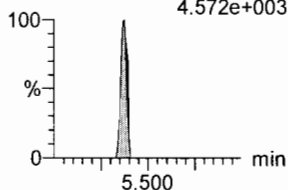


PFDS

F52:MRM of 2 channels,ES-
598.8 > 80
8.559e+003

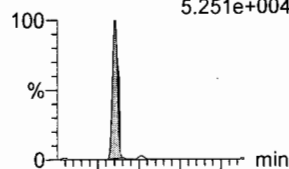


F52:MRM of 2 channels,ES-
598.8 > 98.7
4.572e+003

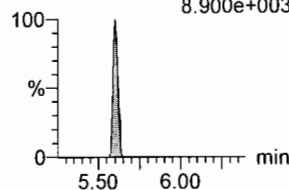


PFDaA

F53:MRM of 4 channels,ES-
612.9 > 569.0
5.251e+004

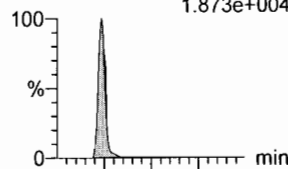


F53:MRM of 4 channels,ES-
612.9 > 318.8
8.900e+003

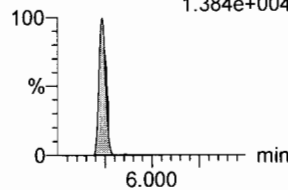


N-MeFOSA

F35:MRM of 2 channels,ES-
512.1 > 168.9
1.873e+004

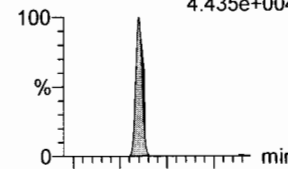


F35:MRM of 2 channels,ES-
512.1 > 219
1.384e+004

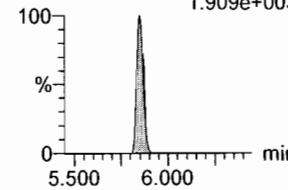


PFTrDA

F59:MRM of 2 channels,ES-
662.9 > 618.9
4.435e+004

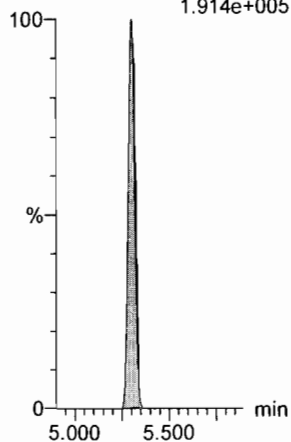


F59:MRM of 2 channels,ES-
662.9 > 319
1.909e+003



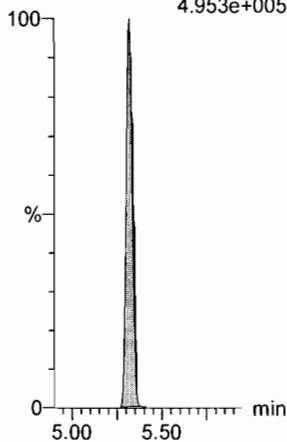
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
1.914e+005



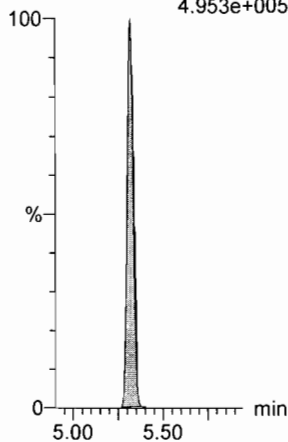
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
4.953e+005



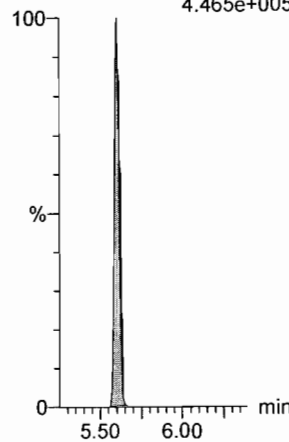
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
4.953e+005



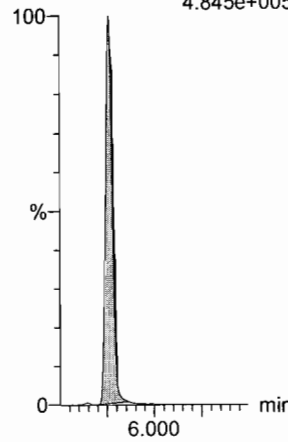
13C2-PFDaA

F54:MRM of 2 channels,ES-
615.0 > 569.7
4.465e+005



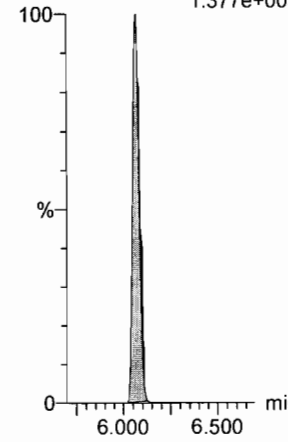
d3-N-MeFOSA

F38:MRM of 1 channel,ES-
515.2 > 168.9
4.845e+005



13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6
1.377e+005

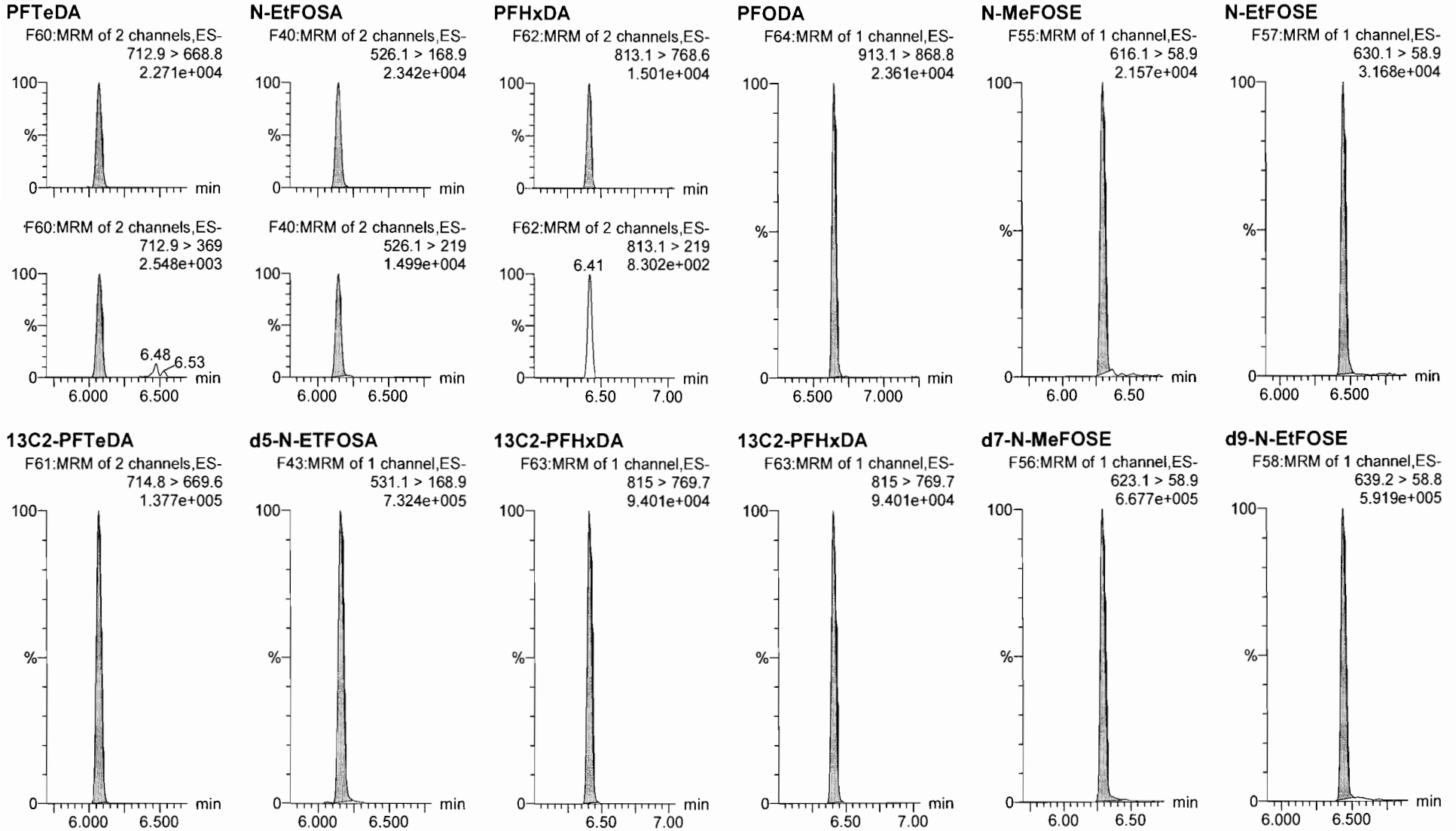


Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-60.qld

Last Altered: Wednesday, January 31, 2018 11:07:35 Pacific Standard Time

Printed: Wednesday, January 31, 2018 11:07:41 Pacific Standard Time

Name: 180130M2_60, Date: 30-Jan-2018, Time: 22:50:01, ID: ST180130M2-12 PFC CS0 18A1906, Description: PFC CS0 18A1906



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-60.qld

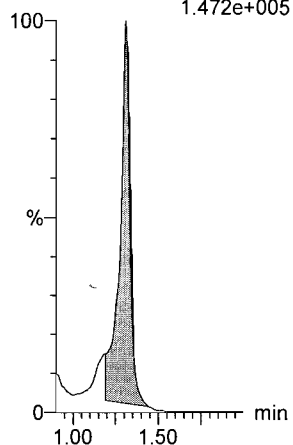
Last Altered: Wednesday, January 31, 2018 11:07:35 Pacific Standard Time

Printed: Wednesday, January 31, 2018 11:07:41 Pacific Standard Time

Name: 180130M2_60, Date: 30-Jan-2018, Time: 22:50:01, ID: ST180130M2-12 PFC CS0 18A1906, Description: PFC CS0 18A1906

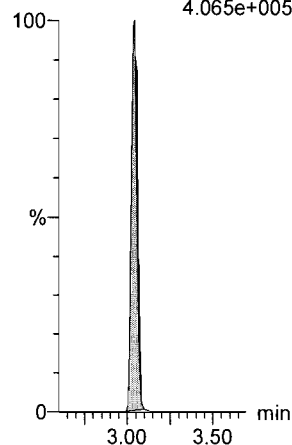
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.472e+005



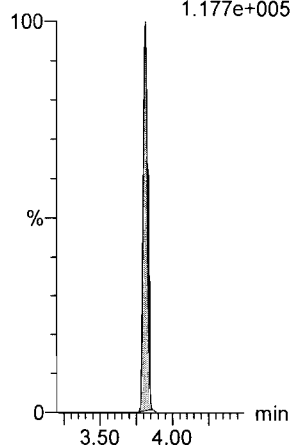
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
4.065e+005



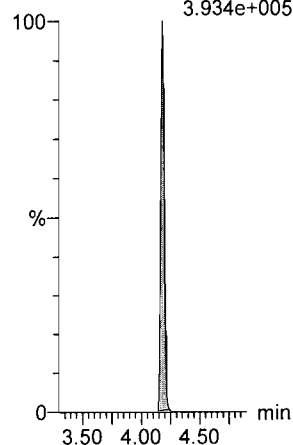
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
1.177e+005



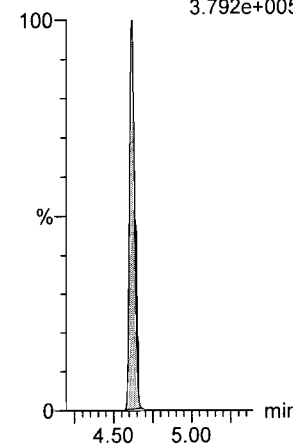
13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
3.934e+005



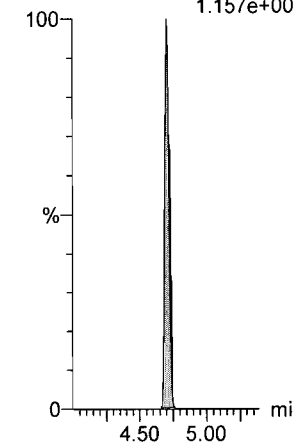
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
3.792e+005



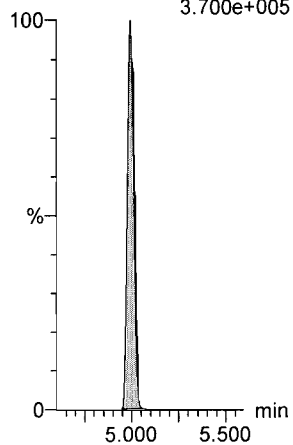
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
1.157e+005



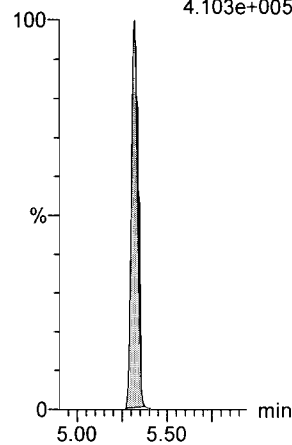
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
3.700e+005



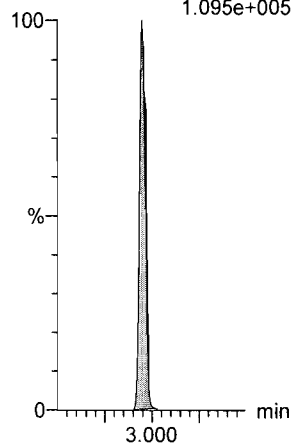
13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8
4.103e+005



13C2-4:2 FTS

F12:MRM of 1 channel,ES-
329.2 > 308.9
1.095e+005



INITIAL CALIBRATION (ICAL)
INCLUDING ASSOCIATED
INITIAL CALIBRATION VERIFICATION (ICV) AND INSTRUMENT BLANK (IB)

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:17:12 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 26 Jan 2018 09:01:53
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

AC
1/30/18

JMA
01/30/2018

Compound name: PFBA

Correlation coefficient: $r = 0.999310$, $r^2 = 0.998620$

Calibration curve: $1.19182 * x + -0.064043$

Response type: Internal Std (Ref 31), Area * (IS Conc. / IS Area)

Curve type: Linear, 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 180129M1_2	Standard	0.250	1.36	180.367	11100.07C	0.203	0.2	-10.3	NO	0.999	NO	MM
2	2 180129M1_3	Standard	0.500	1.36	453.480	11401.109	0.497	0.5	-5.8	NO	0.999	NO	bb
3	3 180129M1_4	Standard	1.000	1.36	1060.629	12152.134	1.091	1.0	-3.1	NO	0.999	NO	bb
4	4 180129M1_5	Standard	2.000	1.36	1841.636	10614.716	2.169	1.9	-6.3	NO	0.999	NO	bb
5	5 180129M1_6	Standard	5.000	1.36	4927.137	10949.314	5.625	4.8	-4.5	NO	0.999	NO	MM
6	6 180129M1_7	Standard	10.000	1.36	11439.994	11591.552	12.337	10.4	4.0	NO	0.999	NO	bb
7	7 180129M1_8	Standard	50.000	1.36	51926.980	10704.742	60.635	50.9	1.9	NO	0.999	NO	bb
8	8 180129M1_9	Standard	100.000	1.36	103473.250	10839.747	119.322	100.2	0.2	NO	0.999	NO	bb
9	9 180129M1_10	Standard	250.000	1.36	201651.859	8021.704	314.229	263.7	5.5	NO	0.999	NO	bb
10	10 180129M1_11	Standard	500.000	1.37	424113.438	9168.310	578.233	485.2	-3.0	NO	0.999	NO	bb

Compound name: PFPeA

Correlation coefficient: $r = 0.999115$, $r^2 = 0.998230$

Calibration curve: $0.971385 * x + 0.0766429$

Response type: Internal Std (Ref 32), 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 180129M1_2	Standard	0.250	2.30	317.988	14081.051	0.282	0.2	-15.3	NO	0.998	NO	bb
2	2 180129M1_3	Standard	0.500	2.31	557.622	13531.105	0.515	0.5	-9.7	NO	0.998	NO	bb
3	3 180129M1_4	Standard	1.000	2.31	1161.554	14431.922	1.006	1.0	-4.3	NO	0.998	NO	bb
4	4 180129M1_5	Standard	2.000	2.31	2153.663	12771.471	2.108	2.1	4.6	NO	0.998	NO	bb
5	5 180129M1_6	Standard	5.000	2.31	5548.947	13183.966	5.261	5.3	6.7	NO	0.998	NO	bb
6	6 180129M1_7	Standard	10.000	2.31	11625.424	14144.209	10.274	10.5	5.0	NO	0.998	NO	bb
7	7 180129M1_8	Standard	50.000	2.31	53004.152	12821.741	51.674	53.1	6.2	NO	0.998	NO	bb
8	8 180129M1_9	Standard	100.000	2.31	101453.273	12028.120	105.433	108.5	8.5	NO	0.998	NO	bb
9	9 180129M1_10	Standard	250.000	2.31	198930.609	10062.349	247.122	254.3	1.7	NO	0.998	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 180129M1_11	Standard	500.000	2.32	38559.469	10264.075	469.550	483.3	-3.3	NO	0.998	NO	bb

Compound name: PFBS

Coefficient of Determination: R^2 = 0.999457

Calibration curve: $-0.000360578 * x^2 + 1.84707 * x + 0.0547607$

Response type: Internal Std (Ref 33), 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 180129M1_2	Standard	0.250	2.58	65.013	1679.934	0.484	0.2	-7.1	NO	0.999	NO	bb
2	2 180129M1_3	Standard	0.500	2.59	120.929	1718.877	0.879	0.4	-10.7	NO	0.999	NO	bb
3	3 180129M1_4	Standard	1.000	2.58	291.458	1823.196	1.998	1.1	5.2	NO	0.999	NO	bb
4	4 180129M1_5	Standard	2.000	2.59	504.443	1557.626	4.048	2.2	8.1	NO	0.999	NO	bb
5	5 180129M1_6	Standard	5.000	2.59	1197.614	1485.174	10.080	5.4	8.7	NO	0.999	NO	bb
6	6 180129M1_7	Standard	10.000	2.59	2443.128	1801.872	16.949	9.2	-8.4	NO	0.999	NO	bb
7	7 180129M1_8	Standard	50.000	2.59	12276.598	1569.533	97.773	53.5	6.9	NO	0.999	NO	bb
8	8 180129M1_9	Standard	100.000	2.59	21745.057	1530.669	177.578	98.0	-2.0	NO	0.999	NO	bb
9	9 180129M1_10	Standard	250.000	2.59	42957.059	1235.414	434.642	247.2	-1.1	NO	0.999	NO	bb
10	10 180129M1_11	Standard	500.000	2.59	82973.180	1240.808	835.879	501.6	0.3	NO	0.999	NO	bb

Compound name: PFHxA

Correlation coefficient: r = 0.999513, r^2 = 0.999027

Calibration curve: $1.48726 * x + 0.128235$

Response type: Internal Std (Ref 34), 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 180129M1_2	Standard	0.250	3.08	388.311	4364.197	0.445	0.2	-14.8	NO	0.999	NO	bb
2	2 180129M1_3	Standard	0.500	3.08	733.384	4691.589	0.782	0.4	-12.1	NO	0.999	NO	bb
3	3 180129M1_4	Standard	1.000	3.08	1579.903	4804.249	1.644	1.0	1.9	NO	0.999	NO	bb
4	4 180129M1_5	Standard	2.000	3.09	2780.296	3773.439	3.684	2.4	19.5	NO	0.999	NO	bb
5	5 180129M1_6	Standard	5.000	3.08	7036.263	4685.550	7.508	5.0	-0.8	NO	0.999	NO	bb
6	6 180129M1_7	Standard	10.000	3.08	13789.826	4586.423	15.033	10.0	0.2	NO	0.999	NO	bb
7	7 180129M1_8	Standard	50.000	3.09	61957.004	4155.766	74.543	50.0	0.1	NO	0.999	NO	bb

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Compound name: PFHxA

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
8	8 180129M1_9	Standard	100.000	3.09	135468.813	4287.350	157.987	106.1	6.1	NO	0.999	NO	bb
9	9 180129M1_10	Standard	250.000	3.09	234971.078	3089.721	380.246	255.6	2.2	NO	0.999	NO	bb
10	10 180129M1_11	Standard	500.000	3.09	490440.063	3378.495	725.826	487.9	-2.4	NO	0.999	NO	bb

Compound name: PFHpA

Correlation coefficient: $r = 0.999030$, $r^2 = 0.998062$

Calibration curve: $1.23892 * x + 0.135819$

Response type: Internal Std (Ref 35), 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 180129M1_2	Standard	0.250	3.69	340.032	11466.683	0.371	0.2	-24.2	NO	0.998	NO	MM
2	2 180129M1_3	Standard	0.500	3.70	637.898	11153.262	0.715	0.5	-6.5	NO	0.998	NO	bb
3	3 180129M1_4	Standard	1.000	3.70	1332.791	11503.447	1.448	1.1	5.9	NO	0.998	NO	bb
4	4 180129M1_5	Standard	2.000	3.71	2254.301	10756.314	2.620	2.0	0.2	NO	0.998	NO	bb
5	5 180129M1_6	Standard	5.000	3.70	5827.607	10827.786	6.728	5.3	6.4	NO	0.998	NO	bb
6	6 180129M1_7	Standard	10.000	3.70	11926.381	11265.295	13.234	10.6	5.7	NO	0.998	NO	bb
7	7 180129M1_8	Standard	50.000	3.70	47748.465	9011.514	66.233	53.4	6.7	NO	0.998	NO	bb
8	8 180129M1_9	Standard	100.000	3.70	109824.711	10028.405	136.892	110.4	10.4	NO	0.998	NO	bb
9	9 180129M1_10	Standard	250.000	3.70	186541.625	7803.760	298.801	241.1	-3.6	NO	0.998	NO	bb
10	10 180129M1_11	Standard	500.000	3.70	397746.250	8116.285	612.574	494.3	-1.1	NO	0.998	NO	bb

Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.996768$

Calibration curve: $-0.000450135 * x^2 + 1.79203 * x + -0.0391188$

Response type: Internal Std (Ref 36), 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 180129M1_2	Standard	0.250	3.84	47.515	1372.264	0.433	0.3	5.3	NO	0.997	NO	MM
2	2 180129M1_3	Standard	0.500	3.85	59.717	1174.198	0.636	0.4	-24.7	NO	0.997	NO	MM
3	3 180129M1_4	Standard	1.000	3.85	186.708	1443.661	1.617	0.9	-7.6	NO	0.997	NO	MM
4	4 180129M1_5	Standard	2.000	3.85	300.873	1125.277	3.342	1.9	-5.6	NO	0.997	NO	MM
5	5 180129M1_6	Standard	5.000	3.85	890.471	1121.448	9.925	5.6	11.4	NO	0.997	NO	MM

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Compound name: L-PFHxS

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
6	6 180129M1_7	Standard	10.000	3.85	2102.786	1254.147	20.958	11.8	17.5	NO	0.997	NO	MM
7	7 180129M1_8	Standard	50.000	3.85	8888.512	1235.851	89.903	50.8	1.7	NO	0.997	NO	MM
8	8 180129M1_9	Standard	100.000	3.85	17387.387	1151.609	188.729	108.3	8.3	NO	0.997	NO	MM
9	9 180129M1_10	Standard	250.000	3.85	30976.555	998.917	387.627	229.6	-8.2	NO	0.997	NO	MM
10	10 180129M1_11	Standard	500.000	3.85	60047.098	942.338	796.518	509.8	2.0	NO	0.997	NO	MM

Compound name: 6:2 FTS

Coefficient of Determination: R² = 0.991818

Calibration curve: $-4.4734e-005 * x^2 + 0.229509 * x + -0.00838563$

Response type: Internal Std (Ref 38), 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 180129M1_2	Standard	0.250	4.16	76.955	19246.498	0.050	0.3	1.7	NO	0.992	NO	bb
2	2 180129M1_3	Standard	0.500	4.16	138.983	18177.396	0.096	0.5	-9.4	NO	0.992	NO	MM
3	3 180129M1_4	Standard	1.000	4.16	339.053	16321.146	0.260	1.2	16.8	NO	0.992	NO	MM
4	4 180129M1_5	Standard	2.000	4.16	622.577	17256.340	0.451	2.0	0.1	NO	0.992	NO	bb
5	5 180129M1_6	Standard	5.000	4.16	1497.413	17429.078	1.074	4.7	-5.6	NO	0.992	NO	MM
6	6 180129M1_7	Standard	10.000	4.16	2319.469	18169.516	1.596	7.0	-30.0	YES NO	0.992	NO	MM
7	7 180129M1_8	Standard	50.000	4.16	14906.673	13839.815	13.464	59.4	18.8	NO	0.992	NO	MM
8	8 180129M1_9	Standard	100.000	4.17	27663.301	16593.801	20.839	92.5	-7.5	NO	0.992	NO	bb
9	9 180129M1_10	Standard	250.000	4.17	56225.125	12815.104	54.843	251.3	0.5	NO	0.992	NO	bb
10	10 180129M1_11	Standard	500.000	4.16	95279.219	13656.374	87.211	413.3	-17.3	NO	0.992	NO	bbX

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Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.998167$
 Calibration curve: $-0.000217563 * x^2 + 0.986693 * x + 0.0907899$
 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 180129M1_2	Standard	0.250	4.21	549.109	19246.498	0.357	0.3	7.8	NO	0.998	NO	bb
2	2 180129M1_3	Standard	0.500	4.21	705.869	18177.396	0.485	0.4	-20.0	NO	0.998	NO	bb
3	3 180129M1_4	Standard	1.000	4.22	1475.978	16321.146	1.130	1.1	5.4	NO	0.998	NO	db
4	4 180129M1_5	Standard	2.000	4.22	2883.057	17256.340	2.088	2.0	1.3	NO	0.998	NO	bb
5	5 180129M1_6	Standard	5.000	4.22	6808.732	17429.078	4.883	4.9	-2.8	NO	0.998	NO	bb
6	6 180129M1_7	Standard	10.000	4.22	14695.167	18169.516	10.110	10.2	1.8	NO	0.998	NO	bb
7	7 180129M1_8	Standard	50.000	4.22	61541.082	13839.815	55.583	57.0	13.9	NO	0.998	NO	bb
8	8 180129M1_9	Standard	100.000	4.22	119475.430	16593.801	90.000	93.0	-7.0	NO	0.998	NO	bb
9	9 180129M1_10	Standard	250.000	4.22	237406.484	12815.104	231.569	248.2	-0.7	NO	0.998	NO	bb
10	10 180129M1_11	Standard	500.000	4.22	481239.750	13656.374	440.490	501.9	0.4	NO	0.998	NO	bb

Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.997810$
 Calibration curve: $-0.000475715 * x^2 + 1.11301 * x + -0.0478912$
 Response type: Internal Std (Ref 41), 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 180129M1_2	Standard	0.250	4.32	70.622	3516.005	0.251	0.3	7.5	NO	0.998	NO	bb
2	2 180129M1_3	Standard	0.500	4.33	118.904	3265.587	0.455	0.5	-9.6	NO	0.998	NO	bb
3	3 180129M1_4	Standard	1.000	4.33	265.104	3902.681	0.849	0.8	-19.4	NO	0.998	NO	bb
4	4 180129M1_5	Standard	2.000	4.33	589.494	2979.732	2.473	2.3	13.4	NO	0.998	NO	bb
5	5 180129M1_6	Standard	5.000	4.33	1250.072	3218.584	4.855	4.4	-11.7	NO	0.998	NO	bb
6	6 180129M1_7	Standard	10.000	4.33	3323.624	3040.877	13.662	12.4	23.8	NO	0.998	NO	bb
7	7 180129M1_8	Standard	50.000	4.33	14558.420	3458.132	52.624	48.3	-3.4	NO	0.998	NO	bb
8	8 180129M1_9	Standard	100.000	4.33	28537.531	3376.034	105.662	99.2	-0.8	NO	0.998	NO	bb
9	9 180129M1_10	Standard	250.000	4.33	53873.254	2703.704	249.072	250.7	0.3	NO	0.998	NO	bb
10	10 180129M1_11	Standard	500.000	4.33	97200.141	2109.852	575.871	772.5	54.5	YES	0.998	NO	bbX

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Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999833$

Calibration curve: $0.000225764 * x^2 + 1.32666 * x + -0.0242113$

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	180129M1_2	Standard	0.250	4.65	370.084	15011.859	0.308	0.3	0.2	NO	1.000	NO	bb
2	180129M1_3	Standard	0.500	4.64	651.925	12907.597	0.631	0.5	-1.2	NO	1.000	NO	bb
3	180129M1_4	Standard	1.000	4.65	1515.721	15144.343	1.251	1.0	-3.9	NO	1.000	NO	bb
4	180129M1_5	Standard	2.000	4.65	2973.034	12999.128	2.859	2.2	8.6	NO	1.000	NO	bb
5	180129M1_6	Standard	5.000	4.65	7382.774	14216.254	6.491	4.9	-1.9	NO	1.000	NO	bb
6	180129M1_7	Standard	10.000	4.65	13784.558	13322.089	12.934	9.8	-2.5	NO	1.000	NO	bb
7	180129M1_8	Standard	50.000	4.65	71576.992	13280.420	67.371	50.4	0.7	NO	1.000	NO	bb
8	180129M1_9	Standard	100.000	4.65	142867.047	13259.321	134.685	99.8	-0.2	NO	1.000	NO	bb
9	180129M1_10	Standard	250.000	4.65	212663.719	10678.512	248.939	182.0	-27.2	NO	1.000	NO	bbX
10	180129M1_11	Standard	500.000	4.65	495748.469	10286.269	602.440	423.6	-15.3	NO	1.000	NO	bbX

Compound name: PFOSA

Correlation coefficient: $r = 0.999710$, $r^2 = 0.999421$

Calibration curve: $1.06686 * x + 0.047332$

Response type: Internal Std (Ref 40), 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	180129M1_2	Standard	0.250	4.71	78.413	3517.898	0.279	0.2	-13.3	NO	0.999	NO	bb
2	180129M1_3	Standard	0.500	4.71	160.792	3459.157	0.581	0.5	0.1	NO	0.999	NO	bb
3	180129M1_4	Standard	1.000	4.72	272.748	3784.575	0.901	0.8	-20.0	NO	0.999	NO	bb
4	180129M1_5	Standard	2.000	4.72	640.056	3254.866	2.458	2.3	13.0	NO	0.999	NO	bb
5	180129M1_6	Standard	5.000	4.72	1370.937	3021.466	5.672	5.3	5.4	NO	0.999	NO	bb
6	180129M1_7	Standard	10.000	4.72	3427.438	3408.994	12.568	11.7	17.4	NO	0.999	NO	bb
7	180129M1_8	Standard	50.000	4.72	15215.198	3611.133	52.668	49.3	-1.4	NO	0.999	NO	bb
8	180129M1_9	Standard	100.000	4.72	28798.396	3445.469	104.479	97.9	-2.1	NO	0.999	NO	bb
9	180129M1_10	Standard	250.000	4.72	53280.184	2459.048	270.837	253.8	1.5	NO	0.999	NO	bb
10	180129M1_11	Standard	500.000	4.72	93849.820	2212.584	530.205	496.9	-0.6	NO	0.999	NO	bb

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Compound name: L-PFOS

Coefficient of Determination: R^2 = 0.993092

Calibration curve: 0.0001614 * x^2 + 0.995037 * x + 0.208935

Response type: Internal Std (Ref 41), 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 180129M1_2	Standard	0.250	4.74	76.329	3516.005	0.271	0.1	-74.9	YES	0.993	NO	MMX
2	2 180129M1_3	Standard	0.500	4.73	184.927	3265.587	0.708	0.5	0.3	NO	0.993	NO	MM
3	3 180129M1_4	Standard	1.000	4.73	348.579	3902.681	1.116	0.9	-8.8	NO	0.993	NO	MM
4	4 180129M1_5	Standard	2.000	4.74	585.630	2979.732	2.457	2.3	12.9	NO	0.993	NO	MM
5	5 180129M1_6	Standard	5.000	4.73	1479.804	3218.584	5.747	5.6	11.2	NO	0.993	NO	MM
6	6 180129M1_7	Standard	10.000	4.73	3128.938	3040.877	12.862	12.7	26.9	NO	0.993	NO	MM
7	7 180129M1_8	Standard	50.000	4.74	15331.751	3458.132	55.419	55.0	10.0	NO	0.993	NO	MM
8	8 180129M1_9	Standard	100.000	4.74	24062.650	3376.034	89.094	88.1	-11.9	NO	0.993	NO	MM
9	9 180129M1_10	Standard	250.000	4.74	56846.500	2703.704	262.818	253.5	1.4	NO	0.993	NO	MM
10	10 180129M1_11	Standard	500.000	4.74	111371.914	2109.852	659.833	603.8	20.8	NO	0.993	NO	MMX

Compound name: PFDA

Coefficient of Determination: R^2 = 0.998712

Calibration curve: -0.000224753 * x^2 + 1.28338 * x + 0.0811215

Response type: Internal Std (Ref 42), 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 180129M1_2	Standard	0.250	5.02	477.404	16105.683	0.371	0.2	-9.8	NO	0.999	NO	bb
2	2 180129M1_3	Standard	0.500	5.01	741.700	13158.185	0.705	0.5	-2.8	NO	0.999	NO	bb
3	3 180129M1_4	Standard	1.000	5.02	1532.034	14238.734	1.345	1.0	-1.5	NO	0.999	NO	bb
4	4 180129M1_5	Standard	2.000	5.02	1914.955	9614.189	2.490	1.9	-6.1	NO	0.999	NO	bb
5	5 180129M1_6	Standard	5.000	5.02	7233.049	11936.559	7.574	5.8	16.9	NO	0.999	NO	bb
6	6 180129M1_7	Standard	10.000	5.02	15314.487	13762.231	13.910	10.8	8.0	NO	0.999	NO	bb
7	7 180129M1_8	Standard	50.000	5.02	65016.621	12815.966	63.414	49.8	-0.4	NO	0.999	NO	bb
8	8 180129M1_9	Standard	100.000	5.03	121219.227	12929.789	117.190	92.8	-7.2	NO	0.999	NO	bb
9	9 180129M1_10	Standard	250.000	5.02	200802.422	7891.714	318.059	259.6	3.8	NO	0.999	NO	bb
10	10 180129M1_11	Standard	500.000	5.02	460714.750	9898.697	581.787	496.4	-0.7	NO	0.999	NO	bb

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Compound name: 8:2 FTS

Coefficient of Determination: R² = 0.992944
 Calibration curve: -0.0192814 * x² + 0.436846 * x + -0.0529106
 Response type: Internal Std (Ref 42), 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 180129M1_2	Standard	0.250	4.98	76.828	16105.683	0.060	0.3	4.2	NO	0.993	NO	bb
2	2 180129M1_3	Standard	0.500	4.99	170.419	13158.185	0.162	0.5	0.6	NO	0.993	NO	bb
3	3 180129M1_4	Standard	1.000	4.99	350.691	14238.734	0.308	0.9	-14.2	NO	0.993	NO	bb
4	4 180129M1_5	Standard	2.000	4.99	642.601	9614.189	0.835	2.3	12.9	NO	0.993	NO	bb
5	5 180129M1_6	Standard	5.000	4.99	1521.629	11936.559	1.593	4.8	-4.5	NO	0.993	NO	bb
6	6 180129M1_7	Standard	10.000	4.99	2645.068	13762.231	2.402	10.3	3.4	NO	0.993	NO	bb
7	7 180129M1_8	Standard	50.000	4.99	12191.230	12815.966	11.891			NO	0.993	YES	bbXI
8	8 180129M1_9	Standard	100.000	4.99	20316.848	12929.789	19.642			NO	0.993	YES	bbXI
9	9 180129M1_10	Standard	250.000	4.99	48910.250	7891.714	77.471			NO	0.993	NO	bbXI
10	10 180129M1_11	Standard	500.000	4.99	84437.641	9898.697	106.627			NO	0.993	NO	bbXI

Compound name: N-MeFOSAA

Coefficient of Determination: R² = 0.998867
 Calibration curve: 0.000620919 * x² + 1.23812 * x + 0.183756
 Response type: Internal Std (Ref 44), 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 180129M1_2	Standard	0.250	5.16	151.951	6656.865	0.285	0.1	-67.2	YES	0.999	NO	bbX
2	2 180129M1_3	Standard	0.500	5.17	391.460	6358.921	0.770	0.5	-5.4	NO	0.999	NO	bb
3	3 180129M1_4	Standard	1.000	5.17	735.532	6453.844	1.425	1.0	0.2	NO	0.999	NO	bb
4	4 180129M1_5	Standard	2.000	5.17	1403.572	5615.988	3.124	2.4	18.6	NO	0.999	NO	bb
5	5 180129M1_6	Standard	5.000	5.17	3188.335	6181.375	6.447	5.0	0.9	NO	0.999	NO	bb
6	6 180129M1_7	Standard	10.000	5.17	7802.614	7120.108	13.698	10.9	8.6	NO	0.999	NO	bb
7	7 180129M1_8	Standard	50.000	5.17	38801.680	6780.247	71.534	56.1	12.1	NO	0.999	NO	bb
8	8 180129M1_9	Standard	100.000	5.17	62596.602	6223.375	125.729	96.7	-3.3	NO	0.999	NO	bb
9	9 180129M1_10	Standard	250.000	5.17	133008.750	4913.062	338.406	243.5	-2.6	NO	0.999	NO	bb
10	10 180129M1_11	Standard	500.000	5.17	256933.859	4119.576	779.613	502.8	0.6	NO	0.999	NO	bb

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Compound name: N-EtFOSAA

Coefficient of Determination: R^2 = 0.993759

Calibration curve: $-0.000121041 * x^2 + 1.05647 * x - 0.00669187$

Response type: Internal Std (Ref 45), 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 180129M1_2	Standard	0.250	5.33	107.918	6762.165	0.199	0.2	-21.9	NO	0.994	NO	bb
2	2 180129M1_3	Standard	0.500	5.33	325.742	7314.510	0.557	0.5	6.7	NO	0.994	NO	bb
3	3 180129M1_4	Standard	1.000	5.33	675.527	8245.564	1.024	1.0	-2.4	NO	0.994	NO	bb
4	4 180129M1_5	Standard	2.000	5.33	1240.983	6421.071	2.416	2.3	14.7	NO	0.994	NO	bb
5	5 180129M1_6	Standard	5.000	5.33	2652.882	7628.946	4.347	4.1	-17.5	NO	0.994	NO	bb
6	6 180129M1_7	Standard	10.000	5.33	7030.512	8330.259	10.550	10.0	0.0	NO	0.994	NO	bb
7	7 180129M1_8	Standard	50.000	5.33	27138.025	5083.883	66.726	63.6	27.3	NO	0.994	NO	bb
8	8 180129M1_9	Standard	100.000	5.33	52548.988	6532.670	100.550	96.2	-3.8	NO	0.994	NO	bb
9	9 180129M1_10	Standard	250.000	5.33	104698.859	5487.930	238.475	231.9	-7.2	NO	0.994	NO	bb
10	10 180129M1_11	Standard	500.000	5.33	175465.219	4331.502	506.364	509.0	1.8	NO	0.994	NO	bb

Compound name: PFUdA

Coefficient of Determination: R^2 = 0.994258

Calibration curve: $8.08656e-005 * x^2 + 0.892996 * x + 0.150656$

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 180129M1_2	Standard	0.250	5.34	467.102	18519.861	0.315	0.2	-26.3	NO	0.994	NO	bb
2	2 180129M1_3	Standard	0.500	5.34	759.759	17193.967	0.552	0.4	-10.0	NO	0.994	NO	bb
3	3 180129M1_4	Standard	1.000	5.34	1732.990	20349.033	1.065	1.0	2.3	NO	0.994	NO	bb
4	4 180129M1_5	Standard	2.000	5.34	3017.027	18763.014	2.010	2.1	4.1	NO	0.994	NO	bb
5	5 180129M1_6	Standard	5.000	5.34	5162.707	15151.944	4.259	4.6	-8.0	NO	0.994	NO	bb
6	6 180129M1_7	Standard	10.000	5.34	14451.684	15926.351	11.343	12.5	25.2	NO	0.994	NO	bb
7	7 180129M1_8	Standard	50.000	5.35	69405.414	16743.742	51.814	57.6	15.1	NO	0.994	NO	bb
8	8 180129M1_9	Standard	100.000	5.35	106212.422	13867.792	95.737	106.0	6.0	NO	0.994	NO	bb
9	9 180129M1_10	Standard	250.000	5.34	199697.813	12251.990	203.740	223.5	-10.6	NO	0.994	NO	bb
10	10 180129M1_11	Standard	500.000	5.34	441075.813	11548.829	477.403	510.8	2.2	NO	0.994	NO	bb

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Compound name: PFDS

Coefficient of Determination: R^2 = 0.995347

Calibration curve: $-0.000148 * x^2 + 0.335398 * x + 0.0205381$

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 180129M1_2	Standard	0.250	5.38	96.197	14713.356	0.082	0.2	-27.0	NO	0.995	NO	bb
2	2 180129M1_3	Standard	0.500	5.38	194.984	14087.653	0.173	0.5	-9.1	NO	0.995	NO	bb
3	3 180129M1_4	Standard	1.000	5.39	441.917	14830.874	0.372	1.0	5.0	NO	0.995	NO	bb
4	4 180129M1_5	Standard	2.000	5.39	785.471	12130.298	0.809	2.4	17.7	NO	0.995	NO	bb
5	5 180129M1_6	Standard	5.000	5.39	1919.390	11690.137	2.052	6.1	21.5	NO	0.995	NO	bb
6	6 180129M1_7	Standard	10.000	5.39	3582.845	12621.681	3.548	10.6	5.7	NO	0.995	NO	bb
7	7 180129M1_8	Standard	50.000	5.39	16323.443	14332.131	14.237	43.2	-13.6	NO	0.995	NO	bb
8	8 180129M1_9	Standard	100.000	5.39	32700.764	13655.496	29.934	93.0	-7.0	NO	0.995	NO	bb
9	9 180129M1_10	Standard	250.000	5.39	61334.859	9499.075	80.712	273.6	9.4	NO	0.995	NO	bb
10	10 180129M1_11	Standard	500.000	5.39	113832.695	11089.319	128.313	487.3	-2.5	NO	0.995	NO	bb

Compound name: PFDoA

Coefficient of Determination: R^2 = 0.996461

Calibration curve: $-0.0008418 * x^2 + 1.39944 * x + 0.0570527$

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 180129M1_2	Standard	0.250	5.62	415.311	14713.356	0.353	0.2	-15.4	NO	0.996	NO	bb
2	2 180129M1_3	Standard	0.500	5.62	779.166	14087.653	0.691	0.5	-9.3	NO	0.996	NO	bb
3	3 180129M1_4	Standard	1.000	5.62	1522.358	14830.874	1.283	0.9	-12.3	NO	0.996	NO	bb
4	4 180129M1_5	Standard	2.000	5.62	3496.988	12130.298	3.604	2.5	26.9	NO	0.996	NO	bb
5	5 180129M1_6	Standard	5.000	5.62	8380.425	11690.137	8.961	6.4	27.7	NO	0.996	NO	bb
6	6 180129M1_7	Standard	10.000	5.62	12111.496	12621.681	11.995	8.6	-14.3	NO	0.996	NO	bb
7	7 180129M1_8	Standard	50.000	5.62	72353.117	14332.131	63.104	46.3	-7.3	NO	0.996	NO	bb
8	8 180129M1_9	Standard	100.000	5.62	149950.141	13655.496	137.262	104.6	4.6	NO	0.996	NO	bb
9	9 180129M1_10	Standard	250.000	5.62	224963.500	9499.075	296.033	248.7	-0.5	NO	0.996	NO	bb
10	10 180129M1_11	Standard	500.000	5.62	580408.563	11089.319	654.243			NO	0.996	NO	bbXI

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Compound name: N-MeFOSA

Coefficient of Determination: R² = 0.999644
 Calibration curve: $-9.79129e-005 * x^2 + 1.09012 * x + 0.122568$
 Response type: Internal Std (Ref 48), 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 180129M1_2	Standard	1.250	5.76	169.143	18809.475	1.349	1.1	-10.0	NO	1.000	NO	bb
2	2 180129M1_3	Standard	2.500	5.76	342.442	18881.635	2.720	2.4	-4.7	NO	1.000	NO	bb
3	3 180129M1_4	Standard	5.000	5.77	837.363	19174.166	6.551	5.9	18.0	NO	1.000	NO	bb
4	4 180129M1_5	Standard	10.000	5.77	1338.400	17550.148	11.439	10.4	3.9	NO	1.000	NO	bb
5	5 180129M1_6	Standard	25.000	5.76	3087.704	17493.434	26.476	24.2	-3.1	NO	1.000	NO	bb
6	6 180129M1_7	Standard	50.000	5.76	6997.030	18648.807	56.280	51.8	3.5	NO	1.000	NO	bb
7	7 180129M1_8	Standard	250.000	5.77	32519.906	18180.207	268.313	251.7	0.7	NO	1.000	NO	bb
8	8 180129M1_9	Standard	500.000	5.77	60814.395	17096.455	533.570	513.0	2.6	NO	1.000	NO	bb
9	9 180129M1_10	Standard	1250.000	5.77	115677.469	14683.942	1181.673	1216.9	-2.7	NO	1.000	NO	bb
10	10 180129M1_11	Standard	2500.000	5.77	216673.406	15296.366	2124.754	2518.8	0.8	NO	1.000	NO	bb

Compound name: PFTrDA

Coefficient of Determination: R² = 0.994323
 Calibration curve: $-0.00951009 * x^2 + 1.74135 * x + -0.020205$
 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 180129M1_2	Standard	0.250	5.86	564.677	14713.356	0.480	0.3	15.0	NO	0.994	NO	bb
2	2 180129M1_3	Standard	0.500	5.86	741.144	14087.653	0.658	0.4	-22.0	NO	0.994	NO	bb
3	3 180129M1_4	Standard	1.000	5.87	1901.832	14830.874	1.603	0.9	-6.3	NO	0.994	NO	bb
4	4 180129M1_5	Standard	2.000	5.86	4074.585	12130.298	4.199	2.5	22.8	NO	0.994	NO	bb
5	5 180129M1_6	Standard	5.000	5.86	6902.290	11690.137	7.380	4.4	-12.9	NO	0.994	NO	bb
6	6 180129M1_7	Standard	10.000	5.86	17168.350	12621.681	17.003	10.4	3.6	NO	0.994	NO	bb
7	7 180129M1_8	Standard	50.000	5.87	72508.836	14332.131	63.240	50.0	-0.1	NO	0.994	NO	bb
8	8 180129M1_9	Standard	100.000	5.87	143813.453	13655.496	131.644			NO	0.994	NO	bbXI
9	9 180129M1_10	Standard	250.000	5.87	252186.625	9499.075	331.857			NO	0.994	NO	bbXI
10	10 180129M1_11	Standard	500.000	5.87	549679.438	11089.319	619.605			NO	0.994	NO	bbXI

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Compound name: PFTeDA

Coefficient of Determination: R^2 = 0.999724

Calibration curve: 0.00192332 * x^2 + 1.95818 * x + 0.258522

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	180129M1_2	Standard	0.250	6.08	394.720	6371.518	0.774	0.3	5.3	NO	1.000	NO	MM
2	180129M1_3	Standard	0.500	6.08	649.514	6051.296	1.342	0.6	10.6	NO	1.000	NO	bb
3	180129M1_4	Standard	1.000	6.09	1208.070	6474.006	2.333	1.1	5.8	NO	1.000	NO	bb
4	180129M1_5	Standard	2.000	6.08	1655.564	6070.834	3.409	1.6	-19.7	NO	1.000	NO	bb
5	180129M1_6	Standard	5.000	6.09	5619.633	7228.926	9.717	4.8	-3.8	NO	1.000	NO	bb
6	180129M1_7	Standard	10.000	6.09	9574.333	5971.966	20.040	10.0	0.0	NO	1.000	NO	bb
7	180129M1_8	Standard	50.000	6.09	46276.793	5459.991	105.945	51.4	2.8	NO	1.000	NO	bb
8	180129M1_9	Standard	100.000	6.09	111349.242	6539.699	212.833	98.9	-1.1	NO	1.000	NO	bb
9	180129M1_10	Standard	250.000	6.09	230086.313	4711.643	610.420	250.1	0.1	NO	1.000	NO	bb
10	180129M1_11	Standard	500.000	6.09	290862.969	5426.606	669.993	270.3	-45.9	YES	1.000	NO	bbX

Compound name: N-EtFOSA

Coefficient of Determination: R^2 = 0.999684

Calibration curve: -5.80992e-005 * x^2 + 0.927899 * x + 0.232976

Response type: Internal Std (Ref 50), 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	180129M1_2	Standard	1.250	6.16	268.374	29864.836	1.348	1.2	-3.9	NO	1.000	NO	bb
2	180129M1_3	Standard	2.500	6.16	445.279	29491.363	2.265	2.2	-12.4	NO	1.000	NO	bb
3	180129M1_4	Standard	5.000	6.16	1008.986	31315.664	4.833	5.0	-0.8	NO	1.000	NO	bb
4	180129M1_5	Standard	10.000	6.16	1824.642	27269.930	10.037	10.6	5.7	NO	1.000	NO	bb
5	180129M1_6	Standard	25.000	6.16	4291.658	27338.445	23.547	25.2	0.7	NO	1.000	NO	bb
6	180129M1_7	Standard	50.000	6.16	9886.934	29188.537	50.809	54.7	9.4	NO	1.000	NO	bb
7	180129M1_8	Standard	250.000	6.16	42831.332	27126.217	236.845	259.2	3.7	NO	1.000	NO	bb
8	180129M1_9	Standard	500.000	6.16	77971.391	26347.309	443.905	493.4	-1.3	NO	1.000	NO	bb
9	180129M1_10	Standard	1250.000	6.16	150573.609	21417.715	1054.550	1231.1	-1.5	NO	1.000	NO	bb
10	180129M1_11	Standard	2500.000	6.16	267928.000	20457.889	1964.484	2512.0	0.5	NO	1.000	NO	bb

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Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.998624$

Calibration curve: $-0.00313125 * x^2 + 0.74485 * x + -0.160803$

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 180129M1_2	Standard	0.250	6.41	212.110	4902.657	0.216	0.5	103.0	YES	0.999	NO	bbX
2	2 180129M1_3	Standard	0.500	6.41	222.254	4503.765	0.247	0.5	9.7	NO	0.999	NO	bb
3	3 180129M1_4	Standard	1.000	6.42	643.104	5061.113	0.635	1.1	7.4	NO	0.999	NO	bb
4	4 180129M1_5	Standard	2.000	6.42	1236.147	5181.930	1.193	1.8	-8.4	NO	0.999	NO	bb
5	5 180129M1_6	Standard	5.000	6.42	2716.376	4312.444	3.149	4.5	-9.4	NO	0.999	NO	bb
6	6 180129M1_7	Standard	10.000	6.42	5711.942	4160.891	6.864	9.8	-1.6	NO	0.999	NO	bb
7	7 180129M1_8	Standard	50.000	6.42	27188.398	4508.277	30.154	52.1	4.2	NO	0.999	NO	bb
8	8 180129M1_9	Standard	100.000	6.42	39904.582	4684.598	42.591	96.7	-3.3	NO	0.999	NO	bb
9	9 180129M1_10	Standard	250.000	6.42	77760.258	3714.708	104.665			NO	0.999	YES	bbXI
10	10 180129M1_11	Standard	500.000	6.42	161280.516	3768.345	213.994			NO	0.999	YES	bbXI

Compound name: PFODA

Coefficient of Determination: $R^2 = 0.998945$

Calibration curve: $-0.000452614 * x^2 + 0.762242 * x + 0.0254622$

Response type: Internal Std (Ref 51), 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 180129M1_2	Standard	0.250	6.65	216.093	4902.657	0.220	0.3	2.3	NO	0.999	NO	bb
2	2 180129M1_3	Standard	0.500	6.65	355.027	4503.765	0.394	0.5	-3.2	NO	0.999	NO	bb
3	3 180129M1_4	Standard	1.000	6.65	759.695	5061.113	0.751	1.0	-4.8	NO	0.999	NO	bb
4	4 180129M1_5	Standard	2.000	6.65	1453.455	5181.930	1.402	1.8	-9.6	NO	0.999	NO	bb
5	5 180129M1_6	Standard	5.000	6.66	3623.813	4312.444	4.202	5.5	9.9	NO	0.999	NO	bb
6	6 180129M1_7	Standard	10.000	6.66	7467.064	4160.891	8.973	11.8	18.2	NO	0.999	NO	bb
7	7 180129M1_8	Standard	50.000	6.66	34525.188	4508.277	38.291	51.8	3.6	NO	0.999	NO	bb
8	8 180129M1_9	Standard	100.000	6.65	66607.391	4684.598	71.092	99.1	-0.9	NO	0.999	NO	bb
9	9 180129M1_10	Standard	250.000	6.65	117343.359	3714.708	157.944	241.9	-3.2	NO	0.999	NO	bb
10	10 180129M1_11	Standard	500.000	6.65	203593.953	3768.345	270.137	507.0	1.4	NO	0.999	NO	bb

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Compound name: N-MeFOSE

Coefficient of Determination: R² = 0.993408

Calibration curve: $-6.08443e-005 * x^2 + 1.03209 * x + 0.492632$

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 180129M1_2	Standard	1.250	6.30	202.859	23673.896	1.285	0.8	-38.6	YES	0.993	NO	bbX
2	2 180129M1_3	Standard	2.500	6.30	474.167	19779.756	3.596	3.0	20.3	NO	0.993	NO	bb
3	3 180129M1_4	Standard	5.000	6.30	741.260	21598.203	5.148	4.5	-9.8	NO	0.993	NO	bb
4	4 180129M1_5	Standard	10.000	6.30	1471.097	21378.662	10.322	9.5	-4.7	NO	0.993	NO	bb
5	5 180129M1_6	Standard	25.000	6.30	4070.913	21699.844	28.140	26.8	7.3	NO	0.993	NO	bb
6	6 180129M1_7	Standard	50.000	6.30	7474.681	23900.467	46.911	45.1	-9.8	NO	0.993	NO	bb
7	7 180129M1_8	Standard	250.000	6.30	36376.809	20350.643	268.125	263.4	5.4	NO	0.993	NO	bd
8	8 180129M1_9	Standard	500.000	6.30	65210.477	23265.764	420.428	417.1	-16.6	NO	0.993	NO	bd
9	9 180129M1_10	Standard	1250.000	6.30	151773.281	17406.744	1307.883	1378.8	10.3	NO	0.993	NO	bb
10	10 180129M1_11	Standard	2500.000	6.30	275292.969	19124.865	2159.176	2443.6	-2.3	NO	0.993	NO	bd

Compound name: N-EtFOSE

Correlation coefficient: r = 0.998290, r² = 0.996584

Calibration curve: $1.19143 * x + 0.336851$

Response type: Internal Std (Ref 53), 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 180129M1_2	Standard	1.250	6.45	248.000	21929.123	1.696	1.1	-8.7	NO	0.997	NO	bb
2	2 180129M1_3	Standard	2.500	6.45	515.319	19016.125	4.065	3.1	25.2	NO	0.997	NO	bb
3	3 180129M1_4	Standard	5.000	6.45	1011.761	26382.424	5.752	4.5	-9.1	NO	0.997	NO	bb
4	4 180129M1_5	Standard	10.000	6.45	1611.250	18545.430	13.032	10.7	6.6	NO	0.997	NO	bb
5	5 180129M1_6	Standard	25.000	6.45	3968.809	21914.684	27.165	22.5	-9.9	NO	0.997	NO	bb
6	6 180129M1_7	Standard	50.000	6.45	9088.029	24582.926	55.453	46.3	-7.5	NO	0.997	NO	bb
7	7 180129M1_8	Standard	250.000	6.45	41795.535	18720.746	334.887	280.8	12.3	NO	0.997	NO	bb
8	8 180129M1_9	Standard	500.000	6.45	81703.086	21718.760	564.280	473.3	-5.3	NO	0.997	NO	bb
9	9 180129M1_10	Standard	1250.000	6.45	157455.188	17065.604	1383.970	1161.3	-7.1	NO	0.997	NO	bb
10	10 180129M1_11	Standard	2500.000	6.45	367777.750	17875.316	3086.192	2590.0	3.6	NO	0.997	NO	bb

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Compound name: 13C3-PFBA

Response Factor: 0.861233
 RRF SD: 0.0298356, Relative SD: 3.46429
 Response type: Internal Std (Ref 54), 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 180129M1_2	Standard	12.500	1.36	11100.070	13039.689	10.641	12.4	-1.2	NO		NO	MM
2	2 180129M1_3	Standard	12.500	1.36	11401.109	13293.856	10.720	12.4	-0.4	NO		NO	bb
3	3 180129M1_4	Standard	12.500	1.36	12152.134	13932.239	10.903	12.7	1.3	NO		NO	bb
4	4 180129M1_5	Standard	12.500	1.36	10614.716	12277.075	10.807	12.5	0.4	NO		NO	bb
5	5 180129M1_6	Standard	12.500	1.36	10949.314	12540.224	10.914	12.7	1.4	NO		NO	bb
6	6 180129M1_7	Standard	12.500	1.36	11591.552	13330.994	10.869	12.6	1.0	NO		NO	bb
7	7 180129M1_8	Standard	12.500	1.36	10704.742	12531.915	10.677	12.4	-0.8	NO		NO	bb
8	8 180129M1_9	Standard	12.500	1.36	10839.747	12489.366	10.849	12.6	0.8	NO		NO	bb
9	9 180129M1_10	Standard	12.500	1.36	8021.704	10144.806	9.884	11.5	-8.2	NO		NO	MM
10	10 180129M1_11	Standard	12.500	1.37	9168.310	10062.537	11.389	13.2	5.8	NO		NO	bb

Compound name: 13C3-PFPeA

Response Factor: 0.860055
 RRF SD: 0.0509006, Relative SD: 5.9183
 Response type: Internal Std (Ref 55), 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 180129M1_2	Standard	12.500	2.30	14081.051	15953.218	11.033	12.8	2.6	NO		NO	bb
2	2 180129M1_3	Standard	12.500	2.30	13531.105	17677.000	9.568	11.1	-11.0	NO		NO	bb
3	3 180129M1_4	Standard	12.500	2.31	14431.922	17021.891	10.598	12.3	-1.4	NO		NO	bb
4	4 180129M1_5	Standard	12.500	2.31	12771.471	14941.700	10.684	12.4	-0.6	NO		NO	bb
5	5 180129M1_6	Standard	12.500	2.31	13183.966	15656.476	10.526	12.2	-2.1	NO		NO	bb
6	6 180129M1_7	Standard	12.500	2.31	14144.209	15277.811	11.573	13.5	7.6	NO		NO	bb
7	7 180129M1_8	Standard	12.500	2.31	12821.741	15158.509	10.573	12.3	-1.7	NO		NO	bb
8	8 180129M1_9	Standard	12.500	2.31	12028.120	14582.996	10.310	12.0	-4.1	NO		NO	bb
9	9 180129M1_10	Standard	12.500	2.31	10062.349	11643.223	10.803	12.6	0.5	NO		NO	bb
10	10 180129M1_11	Standard	12.500	2.31	10264.075	10837.481	11.839	13.8	10.1	NO		NO	bb

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Compound name: 13C3-PFBS

Response Factor: 0.10558

RRF SD: 0.00687766, Relative SD: 6.51417

Response type: Internal Std (Ref 55), 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 180129M1_2	Standard	12.500	2.58	1679.934	15953.218	1.316	12.5	-0.3	NO		NO	bb
2	2 180129M1_3	Standard	12.500	2.58	1718.877	17677.000	1.215	11.5	-7.9	NO		NO	bb
3	3 180129M1_4	Standard	12.500	2.59	1823.196	17021.891	1.339	12.7	1.4	NO		NO	bb
4	4 180129M1_5	Standard	12.500	2.59	1557.626	14941.700	1.303	12.3	-1.3	NO		NO	bb
5	5 180129M1_6	Standard	12.500	2.59	1485.174	15656.476	1.186	11.2	-10.2	NO		NO	bb
6	6 180129M1_7	Standard	12.500	2.59	1801.872	15277.811	1.474	14.0	11.7	NO		NO	bb
7	7 180129M1_8	Standard	12.500	2.59	1569.533	15158.509	1.294	12.3	-1.9	NO		NO	bb
8	8 180129M1_9	Standard	12.500	2.59	1530.669	14582.996	1.312	12.4	-0.6	NO		NO	bb
9	9 180129M1_10	Standard	12.500	2.59	1235.414	11643.223	1.326	12.6	0.5	NO		NO	bb
10	10 180129M1_11	Standard	12.500	2.59	1240.808	10837.481	1.431	13.6	8.4	NO		NO	bb

Compound name: 13C2-PFHxA

Response Factor: 0.704621

RRF SD: 0.0472168, Relative SD: 6.70102

Response type: Internal Std (Ref 55), 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 180129M1_2	Standard	5.000	3.08	4364.197	15953.218	3.420	4.9	-2.9	NO		NO	bb
2	2 180129M1_3	Standard	5.000	3.08	4691.589	17677.000	3.318	4.7	-5.8	NO		NO	bb
3	3 180129M1_4	Standard	5.000	3.08	4804.249	17021.891	3.528	5.0	0.1	NO		NO	bb
4	4 180129M1_5	Standard	5.000	3.09	3773.439	14941.700	3.157	4.5	-10.4	NO		NO	bb
5	5 180129M1_6	Standard	5.000	3.08	4685.550	15656.476	3.741	5.3	6.2	NO		NO	bb
6	6 180129M1_7	Standard	5.000	3.08	4586.423	15277.811	3.753	5.3	6.5	NO		NO	bb
7	7 180129M1_8	Standard	5.000	3.09	4155.766	15158.509	3.427	4.9	-2.7	NO		NO	bb
8	8 180129M1_9	Standard	5.000	3.09	4287.350	14582.996	3.675	5.2	4.3	NO		NO	bb
9	9 180129M1_10	Standard	5.000	3.09	3089.721	11643.223	3.317	4.7	-5.8	NO		NO	bb
10	10 180129M1_11	Standard	5.000	3.09	3378.495	10837.481	3.897	5.5	10.6	NO		NO	bb

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Compound name: 13C4-PFHpA

Response Factor: 0.687567

RRF SD: 0.0478252, Relative SD: 6.95571

Response type: Internal Std (Ref 55), 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 180129M1_2	Standard	12.500	3.69	11466.683	15953.218	8.985	13.1	4.5	NO		NO	bb
2	2 180129M1_3	Standard	12.500	3.70	11153.262	17677.000	7.887	11.5	-8.2	NO		NO	bb
3	3 180129M1_4	Standard	12.500	3.70	11503.447	17021.891	8.448	12.3	-1.7	NO		NO	bb
4	4 180129M1_5	Standard	12.500	3.70	10756.314	14941.700	8.999	13.1	4.7	NO		NO	bb
5	5 180129M1_6	Standard	12.500	3.70	10827.786	15656.476	8.645	12.6	0.6	NO		NO	bb
6	6 180129M1_7	Standard	12.500	3.70	11265.295	15277.811	9.217	13.4	7.2	NO		NO	bb
7	7 180129M1_8	Standard	12.500	3.70	9011.514	15158.509	7.431	10.8	-13.5	NO		NO	bb
8	8 180129M1_9	Standard	12.500	3.70	10028.405	14582.996	8.596	12.5	0.0	NO		NO	bb
9	9 180129M1_10	Standard	12.500	3.70	7803.760	11643.223	8.378	12.2	-2.5	NO		NO	bb
10	10 180129M1_11	Standard	12.500	3.70	8116.285	10837.481	9.361	13.6	8.9	NO		NO	bb

Compound name: 18O2-PFHxS

Response Factor: 0.348186

RRF SD: 0.0180983, Relative SD: 5.19788

Response type: Internal Std (Ref 56), 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 180129M1_2	Standard	12.500	3.84	1372.264	4109.332	4.174	12.0	-4.1	NO		NO	bb
2	2 180129M1_3	Standard	12.500	3.84	1174.198	3629.852	4.044	11.6	-7.1	NO		NO	bb
3	3 180129M1_4	Standard	12.500	3.85	1443.661	4088.442	4.414	12.7	1.4	NO		NO	bb
4	4 180129M1_5	Standard	12.500	3.85	1125.277	3221.908	4.366	12.5	0.3	NO		NO	bb
5	5 180129M1_6	Standard	12.500	3.85	1121.448	3339.981	4.197	12.1	-3.6	NO		NO	bb
6	6 180129M1_7	Standard	12.500	3.85	1254.147	3574.382	4.386	12.6	0.8	NO		NO	bb
7	7 180129M1_8	Standard	12.500	3.85	1235.851	3207.121	4.817	13.8	10.7	NO		NO	bb
8	8 180129M1_9	Standard	12.500	3.85	1151.609	3472.295	4.146	11.9	-4.7	NO		NO	bb
9	9 180129M1_10	Standard	12.500	3.85	998.917	2742.486	4.553	13.1	4.6	NO		NO	bb
10	10 180129M1_11	Standard	12.500	3.85	942.338	2660.494	4.427	12.7	1.7	NO		NO	bb

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Compound name: 13C2-6:2 FTS

Response Factor: 0.238085

RRF SD: 0.0327902, Relative SD: 13.7725

Response type: Internal Std (Ref 57), 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 180129M1_2	Standard	12.500	4.16	3592.351	15121.157	2.970	12.5	-0.2	NO		NO	bb
2	2 180129M1_3	Standard	12.500	4.16	3117.646	16045.155	2.429	10.2	-18.4	NO		NO	bb
3	3 180129M1_4	Standard	12.500	4.16	4002.353	13291.130	3.764	15.8	26.5	NO		NO	bb
4	4 180129M1_5	Standard	12.500	4.17	3346.492	14878.394	2.812	11.8	-5.5	NO		NO	bb
5	5 180129M1_6	Standard	12.500	4.16	2885.542	12419.306	2.904	12.2	-2.4	NO		NO	bb
6	6 180129M1_7	Standard	12.500	4.16	3488.386	16236.504	2.686	11.3	-9.8	NO		NO	bb
7	7 180129M1_8	Standard	12.500	4.16	3415.352	14705.967	2.903	12.2	-2.5	NO		NO	bb
8	8 180129M1_9	Standard	12.500	4.17	4176.344	15623.217	3.341	14.0	12.3	NO		NO	bb
9	9 180129M1_10	Standard	12.500	4.17	5271.331	9610.873	6.856	28.8	130.4	NO		NO	bbX
10	10 180129M1_11	Standard	12.500	4.17	6742.851	10990.752	7.669	32.2	157.7	NO		NO	bbX

Compound name: 13C2-PFOA

Response Factor: 1.18951

RRF SD: 0.135262, Relative SD: 11.3712

Response type: Internal Std (Ref 57), 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 180129M1_2	Standard	12.500	4.21	19246.498	15121.157	15.910	13.4	7.0	NO		NO	bb
2	2 180129M1_3	Standard	12.500	4.21	18177.396	16045.155	14.161	11.9	-4.8	NO		NO	bb
3	3 180129M1_4	Standard	12.500	4.22	16321.146	13291.130	15.350	12.9	3.2	NO		NO	MM
4	4 180129M1_5	Standard	12.500	4.22	17256.340	14878.394	14.498	12.2	-2.5	NO		NO	MM
5	5 180129M1_6	Standard	12.500	4.22	17429.078	12419.306	17.542	14.7	18.0	NO		NO	bb
6	6 180129M1_7	Standard	12.500	4.22	18169.516	16236.504	13.988	11.8	-5.9	NO		NO	MM
7	7 180129M1_8	Standard	12.500	4.22	13839.815	14705.967	11.764	9.9	-20.9	NO		NO	MM
8	8 180129M1_9	Standard	12.500	4.22	16593.801	15623.217	13.277	11.2	-10.7	NO		NO	bb
9	9 180129M1_10	Standard	12.500	4.22	12815.104	9610.873	16.667	14.0	12.1	NO		NO	bb
10	10 180129M1_11	Standard	12.500	4.22	13656.374	10990.752	15.532	13.1	4.5	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time
 Printed: Tuesday, January 30, 2018 08:17:12 Pacific Standard Time

Compound name: 13C5-PFNA

Response Factor: 0.999243

RRF SD: 0.0844277, Relative SD: 8.44917

Response type: Internal Std (Ref 58), 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 180129M1_2	Standard	12.500	4.65	15011.859	12578.712	14.918	14.9	19.4	NO		NO	bb
2	2 180129M1_3	Standard	12.500	4.64	12907.597	12511.753	12.895	12.9	3.2	NO		NO	bb
3	3 180129M1_4	Standard	12.500	4.65	15144.343	14877.567	12.724	12.7	1.9	NO		NO	bb
4	4 180129M1_5	Standard	12.500	4.65	12999.128	12204.167	13.314	13.3	6.6	NO		NO	bb
5	5 180129M1_6	Standard	12.500	4.65	14216.254	14934.021	11.899	11.9	-4.7	NO		NO	bb
6	6 180129M1_7	Standard	12.500	4.65	13322.089	14368.460	11.590	11.6	-7.2	NO		NO	bb
7	7 180129M1_8	Standard	12.500	4.65	13280.420	13522.400	12.276	12.3	-1.7	NO		NO	bb
8	8 180129M1_9	Standard	12.500	4.65	13259.321	14278.523	11.608	11.6	-7.1	NO		NO	bb
9	9 180129M1_10	Standard	12.500	4.65	10678.512	10861.888	12.289	12.3	-1.6	NO		NO	bb
10	10 180129M1_11	Standard	12.500	4.65	10286.269	11287.084	11.392	11.4	-8.8	NO		NO	bb

Compound name: 13C8-PFOSA

Response Factor: 0.21127

RRF SD: 0.0150916, Relative SD: 7.14328

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 180129M1_2	Standard	12.500	4.71	3517.898	16505.902	2.664	12.6	0.9	NO		NO	bb
2	2 180129M1_3	Standard	12.500	4.71	3459.157	15565.723	2.778	13.1	5.2	NO		NO	bb
3	3 180129M1_4	Standard	12.500	4.72	3784.575	19996.930	2.366	11.2	-10.4	NO		NO	bb
4	4 180129M1_5	Standard	12.500	4.72	3254.866	14097.343	2.886	13.7	9.3	NO		NO	bb
5	5 180129M1_6	Standard	12.500	4.72	3021.466	13334.357	2.832	13.4	7.3	NO		NO	bb
6	6 180129M1_7	Standard	12.500	4.72	3408.994	17223.090	2.474	11.7	-6.3	NO		NO	bb
7	7 180129M1_8	Standard	12.500	4.72	3611.133	15834.193	2.851	13.5	7.9	NO		NO	bb
8	8 180129M1_9	Standard	12.500	4.72	3445.469	17379.852	2.478	11.7	-6.2	NO		NO	bb
9	9 180129M1_10	Standard	12.500	4.72	2459.048	12443.515	2.470	11.7	-6.5	NO		NO	bb
10	10 180129M1_11	Standard	12.500	4.72	2212.584	10599.033	2.609	12.4	-1.2	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

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Compound name: 13C8-PFOS

Response Factor: 0.95661

RRF SD: 0.0890797, Relative SD: 9.31202

Response type: Internal Std (Ref 59), 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 180129M1_2	Standard	12.500	4.73	3516.005	3579.467	12.278	12.8	2.7	NO		NO	bb
2	2 180129M1_3	Standard	12.500	4.73	3265.587	3594.856	11.355	11.9	-5.0	NO		NO	bb
3	3 180129M1_4	Standard	12.500	4.73	3902.681	3608.548	13.519	14.1	13.1	NO		NO	bb
4	4 180129M1_5	Standard	12.500	4.73	2979.732	3510.073	10.611	11.1	-11.3	NO		NO	bb
5	5 180129M1_6	Standard	12.500	4.73	3218.584	3372.552	11.929	12.5	-0.2	NO		NO	bb
6	6 180129M1_7	Standard	12.500	4.73	3040.877	3141.218	12.101	12.6	1.2	NO		NO	bb
7	7 180129M1_8	Standard	12.500	4.73	3458.132	3714.745	11.637	12.2	-2.7	NO		NO	bb
8	8 180129M1_9	Standard	12.500	4.73	3376.034	3231.531	13.059	13.7	9.2	NO		NO	bb
9	9 180129M1_10	Standard	12.500	4.73	2703.704	2582.491	13.087	13.7	9.4	NO		NO	bb
10	10 180129M1_11	Standard	12.500	4.73	2109.852	2637.216	10.000	10.5	-16.4	NO		NO	bb

Compound name: 13C2-PFDA

Response Factor: 0.9652

RRF SD: 0.1508, Relative SD: 15.6237

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 180129M1_2	Standard	12.500	5.01	16105.683	14108.813	14.269	14.8	18.3	NO		NO	bb
2	2 180129M1_3	Standard	12.500	5.01	13158.185	14204.891	11.579	12.0	-4.0	NO		NO	bb
3	3 180129M1_4	Standard	12.500	5.02	14238.734	13779.809	12.916	13.4	7.1	NO		NO	bb
4	4 180129M1_5	Standard	12.500	5.02	9614.189	13886.872	8.654	9.0	-28.3	NO		NO	bb
5	5 180129M1_6	Standard	12.500	5.02	11936.559	14203.885	10.505	10.9	-12.9	NO		NO	bb
6	6 180129M1_7	Standard	12.500	5.02	13762.231	11364.667	15.137	15.7	25.5	NO		NO	bb
7	7 180129M1_8	Standard	12.500	5.02	12815.966	13329.658	12.018	12.5	-0.4	NO		NO	bb
8	8 180129M1_9	Standard	12.500	5.03	12929.789	13672.135	11.821	12.2	-2.0	NO		NO	bb
9	9 180129M1_10	Standard	12.500	5.02	7891.714	9173.953	10.753	11.1	-10.9	NO		NO	bb
10	10 180129M1_11	Standard	12.500	5.02	9898.697	9519.906	12.997	13.5	7.7	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

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Compound name: 13C2-8:2 FTS

Response Factor: 0.162036
 RRF SD: 0.0196899, Relative SD: 12.1516
 Response type: Internal Std (Ref 55), 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 180129M1_2	Standard	12.500	4.99	2987.305	15953.218	2.341	14.4	15.6	NO		NO	bb
2	2 180129M1_3	Standard	12.500	4.99	2423.202	17677.000	1.714	10.6	-15.4	NO		NO	bb
3	3 180129M1_4	Standard	12.500	4.99	2513.315	17021.891	1.846	11.4	-8.9	NO		NO	bb
4	4 180129M1_5	Standard	12.500	4.99	2776.124	14941.700	2.322	14.3	14.7	NO		NO	bb
5	5 180129M1_6	Standard	12.500	4.99	2691.847	15656.476	2.149	13.3	6.1	NO		NO	bb
6	6 180129M1_7	Standard	12.500	4.99	2344.291	15277.811	1.918	11.8	-5.3	NO		NO	bb
7	7 180129M1_8	Standard	12.500	4.99	2145.375	15158.509	1.769	10.9	-12.7	NO		NO	bb
8	8 180129M1_9	Standard	12.500	4.99	2502.425	14582.996	2.145	13.2	5.9	NO		NO	bb
9	9 180129M1_10	Standard	12.500	4.99	4050.442	11643.223	4.348	26.8	114.7	NO		NO	bbX
10	10 180129M1_11	Standard	12.500	4.99	4991.393	10837.481	5.757	35.5	184.2	NO		NO	bbX

Compound name: d3-N-MeFOSAA

Response Factor: 0.39797
 RRF SD: 0.037921, Relative SD: 9.52861
 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 180129M1_2	Standard	12.500	5.17	6656.865	16505.902	5.041	12.7	1.3	NO		NO	bb
2	2 180129M1_3	Standard	12.500	5.16	6358.921	15565.723	5.107	12.8	2.7	NO		NO	bb
3	3 180129M1_4	Standard	12.500	5.17	6453.844	19996.930	4.034	10.1	-18.9	NO		NO	bb
4	4 180129M1_5	Standard	12.500	5.17	5615.988	14097.343	4.980	12.5	0.1	NO		NO	bb
5	5 180129M1_6	Standard	12.500	5.17	6181.375	13334.357	5.795	14.6	16.5	NO		NO	bb
6	6 180129M1_7	Standard	12.500	5.17	7120.108	17223.090	5.168	13.0	3.9	NO		NO	bb
7	7 180129M1_8	Standard	12.500	5.17	6780.247	15834.193	5.353	13.4	7.6	NO		NO	bb
8	8 180129M1_9	Standard	12.500	5.17	6223.375	17379.852	4.476	11.2	-10.0	NO		NO	bb
9	9 180129M1_10	Standard	12.500	5.17	4913.062	12443.515	4.935	12.4	-0.8	NO		NO	bb
10	10 180129M1_11	Standard	12.500	5.17	4119.576	10599.033	4.858	12.2	-2.3	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

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Compound name: d5-N-EtFOSAA

Response Factor: 0.434985

RRF SD: 0.067635, Relative SD: 15.5488

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 180129M1_2	Standard	12.500	5.32	6762.165	16505.902	5.121	11.8	-5.8	NO		NO	bb
2	2 180129M1_3	Standard	12.500	5.32	7314.510	15565.723	5.874	13.5	8.0	NO		NO	bb
3	3 180129M1_4	Standard	12.500	5.32	8245.564	19996.930	5.154	11.8	-5.2	NO		NO	bb
4	4 180129M1_5	Standard	12.500	5.33	6421.071	14097.343	5.694	13.1	4.7	NO		NO	bb
5	5 180129M1_6	Standard	12.500	5.32	7628.946	13334.357	7.152	16.4	31.5	NO		NO	bb
6	6 180129M1_7	Standard	12.500	5.32	8330.259	17223.090	6.046	13.9	11.2	NO		NO	bb
7	7 180129M1_8	Standard	12.500	5.33	5083.883	15834.193	4.013	9.2	-26.2	NO		NO	bb
8	8 180129M1_9	Standard	12.500	5.33	6532.670	17379.852	4.698	10.8	-13.6	NO		NO	bb
9	9 180129M1_10	Standard	12.500	5.32	5487.930	12443.515	5.513	12.7	1.4	NO		NO	bb
10	10 180129M1_11	Standard	12.500	5.32	4331.502	10599.033	5.108	11.7	-6.0	NO		NO	bb

Compound name: 13C2-PFUdA

Response Factor: 1.05658

RRF SD: 0.141544, Relative SD: 13.3965

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 180129M1_2	Standard	12.500	5.34	18519.861	16505.902	14.025	13.3	6.2	NO		NO	bb
2	2 180129M1_3	Standard	12.500	5.34	17193.967	15565.723	13.808	13.1	4.5	NO		NO	bb
3	3 180129M1_4	Standard	12.500	5.34	20349.033	19996.930	12.720	12.0	-3.7	NO		NO	bb
4	4 180129M1_5	Standard	12.500	5.34	18763.014	14097.343	16.637	15.7	26.0	NO		NO	bb
5	5 180129M1_6	Standard	12.500	5.34	15151.944	13334.357	14.204	13.4	7.5	NO		NO	bb
6	6 180129M1_7	Standard	12.500	5.34	15926.351	17223.090	11.559	10.9	-12.5	NO		NO	bb
7	7 180129M1_8	Standard	12.500	5.35	16743.742	15834.193	13.218	12.5	0.1	NO		NO	bb
8	8 180129M1_9	Standard	12.500	5.35	13867.792	17379.852	9.974	9.4	-24.5	NO		NO	bb
9	9 180129M1_10	Standard	12.500	5.34	12251.990	12443.515	12.308	11.6	-6.8	NO		NO	bb
10	10 180129M1_11	Standard	12.500	5.34	11548.829	10599.033	13.620	12.9	3.1	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

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Compound name: 13C2-PFDoA

Response Factor: 0.850857

RRF SD: 0.0967348, Relative SD: 11.3691

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 180129M1_2	Standard	12.500	5.62	14713.356	16505.902	11.142	13.1	4.8	NO		NO	bb
2	2 180129M1_3	Standard	12.500	5.62	14087.653	15565.723	11.313	13.3	6.4	NO		NO	bb
3	3 180129M1_4	Standard	12.500	5.62	14830.874	19996.930	9.271	10.9	-12.8	NO		NO	bb
4	4 180129M1_5	Standard	12.500	5.62	12130.298	14097.343	10.756	12.6	1.1	NO		NO	bb
5	5 180129M1_6	Standard	12.500	5.62	11690.137	13334.357	10.959	12.9	3.0	NO		NO	bb
6	6 180129M1_7	Standard	12.500	5.62	12621.681	17223.090	9.160	10.8	-13.9	NO		NO	bb
7	7 180129M1_8	Standard	12.500	5.62	14332.131	15834.193	11.314	13.3	6.4	NO		NO	bb
8	8 180129M1_9	Standard	12.500	5.62	13655.496	17379.852	9.821	11.5	-7.7	NO		NO	bb
9	9 180129M1_10	Standard	12.500	5.62	9499.075	12443.515	9.542	11.2	-10.3	NO		NO	bb
10	10 180129M1_11	Standard	12.500	5.62	11089.319	10599.033	13.078	15.4	23.0	NO		NO	bb

Compound name: d3-N-MeFOSA

Response Factor: 0.0975512

RRF SD: 0.0121282, Relative SD: 12.4327

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 180129M1_2	Standard	150.000	5.79	18809.475	16505.902	14.245	146.0	-2.7	NO		NO	bb
2	2 180129M1_3	Standard	150.000	5.79	18881.635	15565.723	15.163	155.4	3.6	NO		NO	bb
3	3 180129M1_4	Standard	150.000	5.79	19174.166	19996.930	11.986	122.9	-18.1	NO		NO	bb
4	4 180129M1_5	Standard	150.000	5.79	17550.148	14097.343	15.562	159.5	6.3	NO		NO	bb
5	5 180129M1_6	Standard	150.000	5.79	17493.434	13334.357	16.399	168.1	12.1	NO		NO	bb
6	6 180129M1_7	Standard	150.000	5.79	18648.807	17223.090	13.535	138.7	-7.5	NO		NO	bb
7	7 180129M1_8	Standard	150.000	5.79	18180.207	15834.193	14.352	147.1	-1.9	NO		NO	bb
8	8 180129M1_9	Standard	150.000	5.80	17096.455	17379.852	12.296	126.0	-16.0	NO		NO	bb
9	9 180129M1_10	Standard	150.000	5.79	14683.942	12443.515	14.751	151.2	0.8	NO		NO	bb
10	10 180129M1_11	Standard	150.000	5.79	15296.366	10599.033	18.040	184.9	23.3	NO		NO	bb

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Compound name: 13C2-PFTeDA

Response Factor: 0.402977

RRF SD: 0.0719784, Relative SD: 17.8617

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 180129M1_2	Standard	12.500	6.08	6371.518	16505.902	4.825	12.0	-4.2	NO		NO	bb
2	2 180129M1_3	Standard	12.500	6.08	6051.296	15565.723	4.859	12.1	-3.5	NO		NO	bb
3	3 180129M1_4	Standard	12.500	6.09	6474.006	19996.930	4.047	10.0	-19.7	NO		NO	bb
4	4 180129M1_5	Standard	12.500	6.09	6070.834	14097.343	5.383	13.4	6.9	NO		NO	bb
5	5 180129M1_6	Standard	12.500	6.08	7228.926	13334.357	6.777	16.8	34.5	NO		NO	bb
6	6 180129M1_7	Standard	12.500	6.09	5971.966	17223.090	4.334	10.8	-14.0	NO		NO	bb
7	7 180129M1_8	Standard	12.500	6.09	5459.991	15834.193	4.310	10.7	-14.4	NO		NO	bb
8	8 180129M1_9	Standard	12.500	6.09	6539.699	17379.852	4.704	11.7	-6.6	NO		NO	bb
9	9 180129M1_10	Standard	12.500	6.09	4711.643	12443.515	4.733	11.7	-6.0	NO		NO	bb
10	10 180129M1_11	Standard	12.500	6.09	5426.606	10599.033	6.400	15.9	27.1	NO		NO	bb

Compound name: d5-N-ETFOSA

Response Factor: 0.148582

RRF SD: 0.0142731, Relative SD: 9.6062

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 180129M1_2	Standard	150.000	6.17	29864.836	16505.902	22.617	152.2	1.5	NO		NO	bb
2	2 180129M1_3	Standard	150.000	6.17	29491.363	15565.723	23.683	159.4	6.3	NO		NO	bb
3	3 180129M1_4	Standard	150.000	6.17	31315.664	19996.930	19.575	131.7	-12.2	NO		NO	bb
4	4 180129M1_5	Standard	150.000	6.17	27269.930	14097.343	24.180	162.7	8.5	NO		NO	bb
5	5 180129M1_6	Standard	150.000	6.17	27338.445	13334.357	25.628	172.5	15.0	NO		NO	bb
6	6 180129M1_7	Standard	150.000	6.17	29188.537	17223.090	21.184	142.6	-4.9	NO		NO	bb
7	7 180129M1_8	Standard	150.000	6.18	27126.217	15834.193	21.414	144.1	-3.9	NO		NO	bb
8	8 180129M1_9	Standard	150.000	6.17	26347.309	17379.852	18.950	127.5	-15.0	NO		NO	bb
9	9 180129M1_10	Standard	150.000	6.17	21417.715	12443.515	21.515	144.8	-3.5	NO		NO	bb
10	10 180129M1_11	Standard	150.000	6.17	20457.889	10599.033	24.127	162.4	8.3	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

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Compound name: 13C2-PFHxDA

Response Factor: 0.74509

RRF SD: 0.102263, Relative SD: 13.7249

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 180129M1_2	Standard	5.000	6.42	4902.657	16505.902	3.713	5.0	-0.3	NO		NO	bb
2	2 180129M1_3	Standard	5.000	6.41	4503.765	15565.723	3.617	4.9	-2.9	NO		NO	bb
3	3 180129M1_4	Standard	5.000	6.42	5061.113	19996.930	3.164	4.2	-15.1	NO		NO	bb
4	4 180129M1_5	Standard	5.000	6.42	5181.930	14097.343	4.595	6.2	23.3	NO		NO	bb
5	5 180129M1_6	Standard	5.000	6.42	4312.444	13334.357	4.043	5.4	8.5	NO		NO	bb
6	6 180129M1_7	Standard	5.000	6.42	4160.891	17223.090	3.020	4.1	-18.9	NO		NO	bb
7	7 180129M1_8	Standard	5.000	6.42	4508.277	15834.193	3.559	4.8	-4.5	NO		NO	bb
8	8 180129M1_9	Standard	5.000	6.42	4684.598	17379.852	3.369	4.5	-9.6	NO		NO	bb
9	9 180129M1_10	Standard	5.000	6.42	3714.708	12443.515	3.732	5.0	0.2	NO		NO	bb
10	10 180129M1_11	Standard	5.000	6.42	3768.345	10599.033	4.444	6.0	19.3	NO		NO	bb

Compound name: d7-N-MeFOSE

Response Factor: 0.117865

RRF SD: 0.0167604, Relative SD: 14.22

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 180129M1_2	Standard	150.000	6.29	23673.896	16505.902	17.928	152.1	1.4	NO		NO	bd
2	2 180129M1_3	Standard	150.000	6.28	19779.756	15565.723	15.884	134.8	-10.2	NO		NO	bd
3	3 180129M1_4	Standard	150.000	6.29	21598.203	19996.930	13.501	114.5	-23.6	NO		NO	bb
4	4 180129M1_5	Standard	150.000	6.29	21378.662	14097.343	18.956	160.8	7.2	NO		NO	bd
5	5 180129M1_6	Standard	150.000	6.29	21699.844	13334.357	20.342	172.6	15.1	NO		NO	bb
6	6 180129M1_7	Standard	150.000	6.29	23900.467	17223.090	17.346	147.2	-1.9	NO		NO	bb
7	7 180129M1_8	Standard	150.000	6.29	20350.643	15834.193	16.065	136.3	-9.1	NO		NO	bb
8	8 180129M1_9	Standard	150.000	6.29	23265.764	17379.852	16.733	142.0	-5.4	NO		NO	bd
9	9 180129M1_10	Standard	150.000	6.28	17406.744	12443.515	17.486	148.4	-1.1	NO		NO	bd
10	10 180129M1_11	Standard	150.000	6.29	19124.865	10599.033	22.555	191.4	27.6	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

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Compound name: d9-N-EtFOSE

Response Factor: 0.114548

RRF SD: 0.0140823, Relative SD: 12.2938

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	180129M1_2	Standard	150.000	6.44	21929.123	16505.902	16.607	145.0	-3.3	NO		NO	bb
2	180129M1_3	Standard	150.000	6.43	19016.125	15565.723	15.271	133.3	-11.1	NO		NO	bd
3	180129M1_4	Standard	150.000	6.44	26382.424	19996.930	16.492	144.0	-4.0	NO		NO	bb
4	180129M1_5	Standard	150.000	6.44	18545.430	14097.343	16.444	143.6	-4.3	NO		NO	bb
5	180129M1_6	Standard	150.000	6.44	21914.684	13334.357	20.543	179.3	19.6	NO		NO	bd
6	180129M1_7	Standard	150.000	6.44	24582.926	17223.090	17.842	155.8	3.8	NO		NO	bb
7	180129M1_8	Standard	150.000	6.44	18720.746	15834.193	14.779	129.0	-14.0	NO		NO	bb
8	180129M1_9	Standard	150.000	6.44	21718.760	17379.852	15.621	136.4	-9.1	NO		NO	bb
9	180129M1_10	Standard	150.000	6.44	17065.604	12443.515	17.143	149.7	-0.2	NO		NO	bb
10	180129M1_11	Standard	150.000	6.44	17875.316	10599.033	21.081	184.0	22.7	NO		NO	bb

Compound name: 13C4-PFBA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 54), 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	180129M1_2	Standard	12.500	1.35	13039.689	13039.689	12.500	12.5	0.0	NO		NO	bb
2	180129M1_3	Standard	12.500	1.36	13293.856	13293.856	12.500	12.5	0.0	NO		NO	bb
3	180129M1_4	Standard	12.500	1.36	13932.239	13932.239	12.500	12.5	0.0	NO		NO	MM
4	180129M1_5	Standard	12.500	1.36	12277.075	12277.075	12.500	12.5	0.0	NO		NO	bb
5	180129M1_6	Standard	12.500	1.36	12540.224	12540.224	12.500	12.5	0.0	NO		NO	bb
6	180129M1_7	Standard	12.500	1.36	13330.994	13330.994	12.500	12.5	0.0	NO		NO	bb
7	180129M1_8	Standard	12.500	1.36	12531.915	12531.915	12.500	12.5	0.0	NO		NO	bb
8	180129M1_9	Standard	12.500	1.36	12489.366	12489.366	12.500	12.5	0.0	NO		NO	bb
9	180129M1_10	Standard	12.500	1.37	10144.806	10144.806	12.500	12.5	0.0	NO		NO	bb
10	180129M1_11	Standard	12.500	1.37	10062.537	10062.537	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 55), 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 180129M1_2	Standard	12.500	3.08	15953.218	15953.218	12.500	12.5	0.0	NO		NO	bb
2	2 180129M1_3	Standard	12.500	3.08	17677.000	17677.000	12.500	12.5	0.0	NO		NO	bb
3	3 180129M1_4	Standard	12.500	3.08	17021.891	17021.891	12.500	12.5	0.0	NO		NO	bb
4	4 180129M1_5	Standard	12.500	3.09	14941.700	14941.700	12.500	12.5	0.0	NO		NO	bb
5	5 180129M1_6	Standard	12.500	3.08	15656.476	15656.476	12.500	12.5	0.0	NO		NO	bb
6	6 180129M1_7	Standard	12.500	3.08	15277.811	15277.811	12.500	12.5	0.0	NO		NO	bb
7	7 180129M1_8	Standard	12.500	3.09	15158.509	15158.509	12.500	12.5	0.0	NO		NO	bb
8	8 180129M1_9	Standard	12.500	3.09	14582.996	14582.996	12.500	12.5	0.0	NO		NO	bb
9	9 180129M1_10	Standard	12.500	3.09	11643.223	11643.223	12.500	12.5	0.0	NO		NO	bb
10	10 180129M1_11	Standard	12.500	3.09	10837.481	10837.481	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C3-PFHxS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 56), 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 180129M1_2	Standard	12.500	3.84	4109.332	4109.332	12.500	12.5	0.0	NO		NO	bb
2	2 180129M1_3	Standard	12.500	3.85	3629.852	3629.852	12.500	12.5	0.0	NO		NO	bb
3	3 180129M1_4	Standard	12.500	3.85	4088.442	4088.442	12.500	12.5	0.0	NO		NO	bb
4	4 180129M1_5	Standard	12.500	3.85	3221.908	3221.908	12.500	12.5	0.0	NO		NO	bb
5	5 180129M1_6	Standard	12.500	3.85	3339.981	3339.981	12.500	12.5	0.0	NO		NO	bb
6	6 180129M1_7	Standard	12.500	3.85	3574.382	3574.382	12.500	12.5	0.0	NO		NO	bb
7	7 180129M1_8	Standard	12.500	3.85	3207.121	3207.121	12.500	12.5	0.0	NO		NO	bb
8	8 180129M1_9	Standard	12.500	3.85	3472.295	3472.295	12.500	12.5	0.0	NO		NO	bb
9	9 180129M1_10	Standard	12.500	3.85	2742.486	2742.486	12.500	12.5	0.0	NO		NO	bb
10	10 180129M1_11	Standard	12.500	3.85	2660.494	2660.494	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C8-PFOA

Response Factor: 1
 RRF SD: 0, Relative SD: 0
 Response type: Internal Std (Ref 57), 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 180129M1_2	Standard	12.500	4.21	15121.157	15121.157	12.500	12.5	0.0	NO		NO	bb
2	2 180129M1_3	Standard	12.500	4.21	16045.155	16045.155	12.500	12.5	0.0	NO		NO	bb
3	3 180129M1_4	Standard	12.500	4.22	13291.130	13291.130	12.500	12.5	0.0	NO		NO	bb
4	4 180129M1_5	Standard	12.500	4.22	14878.394	14878.394	12.500	12.5	0.0	NO		NO	bb
5	5 180129M1_6	Standard	12.500	4.22	12419.306	12419.306	12.500	12.5	0.0	NO		NO	bb
6	6 180129M1_7	Standard	12.500	4.22	16236.504	16236.504	12.500	12.5	0.0	NO		NO	bb
7	7 180129M1_8	Standard	12.500	4.22	14705.967	14705.967	12.500	12.5	0.0	NO		NO	bb
8	8 180129M1_9	Standard	12.500	4.22	15623.217	15623.217	12.500	12.5	0.0	NO		NO	bb
9	9 180129M1_10	Standard	12.500	4.22	9610.873	9610.873	12.500	12.5	0.0	NO		NO	bb
10	10 180129M1_11	Standard	12.500	4.22	10990.752	10990.752	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C9-PFNA

Response Factor: 1
 RRF SD: 0, Relative SD: 0
 Response type: Internal Std (Ref 58), 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 180129M1_2	Standard	12.500	4.65	12578.712	12578.712	12.500	12.5	0.0	NO		NO	bb
2	2 180129M1_3	Standard	12.500	4.64	12511.753	12511.753	12.500	12.5	0.0	NO		NO	bb
3	3 180129M1_4	Standard	12.500	4.65	14877.567	14877.567	12.500	12.5	0.0	NO		NO	bb
4	4 180129M1_5	Standard	12.500	4.65	12204.167	12204.167	12.500	12.5	0.0	NO		NO	bb
5	5 180129M1_6	Standard	12.500	4.65	14934.021	14934.021	12.500	12.5	0.0	NO		NO	bb
6	6 180129M1_7	Standard	12.500	4.65	14368.460	14368.460	12.500	12.5	0.0	NO		NO	bb
7	7 180129M1_8	Standard	12.500	4.65	13522.400	13522.400	12.500	12.5	0.0	NO		NO	bb
8	8 180129M1_9	Standard	12.500	4.65	14278.523	14278.523	12.500	12.5	0.0	NO		NO	bb
9	9 180129M1_10	Standard	12.500	4.65	10861.888	10861.888	12.500	12.5	0.0	NO		NO	bb
10	10 180129M1_11	Standard	12.500	4.65	11287.084	11287.084	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 59), 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 180129M1_2	Standard	12.500	4.73	3579.467	3579.467	12.500	12.5	0.0	NO		NO	bb
2	2 180129M1_3	Standard	12.500	4.73	3594.856	3594.856	12.500	12.5	0.0	NO		NO	bb
3	3 180129M1_4	Standard	12.500	4.73	3608.548	3608.548	12.500	12.5	0.0	NO		NO	bb
4	4 180129M1_5	Standard	12.500	4.73	3510.073	3510.073	12.500	12.5	0.0	NO		NO	bb
5	5 180129M1_6	Standard	12.500	4.73	3372.552	3372.552	12.500	12.5	0.0	NO		NO	bb
6	6 180129M1_7	Standard	12.500	4.73	3141.218	3141.218	12.500	12.5	0.0	NO		NO	bb
7	7 180129M1_8	Standard	12.500	4.74	3714.745	3714.745	12.500	12.5	0.0	NO		NO	bb
8	8 180129M1_9	Standard	12.500	4.74	3231.531	3231.531	12.500	12.5	0.0	NO		NO	bb
9	9 180129M1_10	Standard	12.500	4.74	2582.491	2582.491	12.500	12.5	0.0	NO		NO	bb
10	10 180129M1_11	Standard	12.500	4.74	2637.216	2637.216	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C6-PFDA

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 180129M1_2	Standard	12.500	5.01	14108.813	14108.813	12.500	12.5	0.0	NO		NO	bb
2	2 180129M1_3	Standard	12.500	5.01	14204.891	14204.891	12.500	12.5	0.0	NO		NO	bb
3	3 180129M1_4	Standard	12.500	5.02	13779.809	13779.809	12.500	12.5	0.0	NO		NO	bb
4	4 180129M1_5	Standard	12.500	5.02	13886.872	13886.872	12.500	12.5	0.0	NO		NO	bb
5	5 180129M1_6	Standard	12.500	5.02	14203.885	14203.885	12.500	12.5	0.0	NO		NO	bb
6	6 180129M1_7	Standard	12.500	5.02	11364.667	11364.667	12.500	12.5	0.0	NO		NO	bb
7	7 180129M1_8	Standard	12.500	5.02	13329.658	13329.658	12.500	12.5	0.0	NO		NO	bb
8	8 180129M1_9	Standard	12.500	5.02	13672.135	13672.135	12.500	12.5	0.0	NO		NO	bb
9	9 180129M1_10	Standard	12.500	5.02	9173.953	9173.953	12.500	12.5	0.0	NO		NO	bb
10	10 180129M1_11	Standard	12.500	5.02	9519.906	9519.906	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C7-PFUdA

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 180129M1_2	Standard	12.500	5.34	16505.902	16505.902	12.500	12.5	0.0	NO		NO	bb
2	2 180129M1_3	Standard	12.500	5.34	15565.723	15565.723	12.500	12.5	0.0	NO		NO	bb
3	3 180129M1_4	Standard	12.500	5.34	19996.930	19996.930	12.500	12.5	0.0	NO		NO	bb
4	4 180129M1_5	Standard	12.500	5.34	14097.343	14097.343	12.500	12.5	0.0	NO		NO	bb
5	5 180129M1_6	Standard	12.500	5.34	13334.357	13334.357	12.500	12.5	0.0	NO		NO	bb
6	6 180129M1_7	Standard	12.500	5.34	17223.090	17223.090	12.500	12.5	0.0	NO		NO	bb
7	7 180129M1_8	Standard	12.500	5.34	15834.193	15834.193	12.500	12.5	0.0	NO		NO	bb
8	8 180129M1_9	Standard	12.500	5.34	17379.852	17379.852	12.500	12.5	0.0	NO		NO	bb
9	9 180129M1_10	Standard	12.500	5.34	12443.515	12443.515	12.500	12.5	0.0	NO		NO	bb
10	10 180129M1_11	Standard	12.500	5.34	10599.033	10599.033	12.500	12.5	0.0	NO		NO	bb

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 26 Jan 2018 09:01:53

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Name: 180129M1_2, Date: 29-Jan-2018, Time: 10:27:35, ID: ST180129M1-1 PFC CS-2 18A1904, Description: PFC CS-2 18A1904

#	Name	CoD	CoD Flag	%RSD
1	1 PFBA	0.9986	NO	
2	2 PFPeA	0.9982	NO	
3	3 PFBS	0.9995	NO	
4	4 PFHxA	0.9990	NO	
5	5 PFHpA	0.9981	NO	
6	6 L-PFHxS	0.9968	NO	
7	8 6:2 FTS	0.9918	NO	
8	9 L-PFOA	0.9982	NO	
9	11 PFHpS	0.9978	NO	
10	12 PFNA	0.9998	NO	
11	13 PFOSA	0.9994	NO	
12	14 L-PFOS	0.9931	NO	
13	16 PFDA	0.9987	NO	
14	17 8:2 FTS	0.9929	NO	
15	18 N-MeFOSAA	0.9989	NO	
16	19 N-EtFOSAA	0.9938	NO	
17	20 PFUdA	0.9943	NO	
18	21 PFDS	0.9953	NO	
19	22 PFDoA	0.9965	NO	
20	23 N-MeFOSA	0.9996	NO	
21	24 PFTrDA	0.9943	NO	
22	25 PFTeDA	0.9997	NO	
23	26 N-EtFOSA	0.9997	NO	
24	27 PFHxDA	0.9986	NO	
25	28 PFODA	0.9989	NO	
26	29 N-MeFOSE	0.9934	NO	
27	30 N-EtFOSE	0.9966	NO	
28	31 13C3-PFBA		NO	3.464
29	32 13C3-PFPeA		NO	5.918
30	33 13C3-PFBS		NO	6.514
31	34 13C2-PFHxA		NO	6.701

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:17:12 Pacific Standard Time

Name: 180129M1_2, Date: 29-Jan-2018, Time: 10:27:35, ID: ST180129M1-1 PFC CS-2 18A1904, Description: PFC CS-2 18A1904

#	Name	CoD	CoD Flag	%RSD
32	35 13C4-PFHpA		NO	6.956
33	36 18O2-PFHxS		NO	5.198
34	37 13C2-6:2 FTS		NO	13.772
35	38 13C2-PFOA		NO	11.371
36	39 13C5-PFNA		NO	8.449
37	40 13C8-PFOA		NO	7.143
38	41 13C8-PFOS		NO	9.312
39	42 13C2-PFDA		NO	15.624
40	43 13C2-8:2 FTS		NO	12.152
41	44 d3-N-MeFOSAA		NO	9.529
42	45 d5-N-EtFOSAA		NO	15.549
43	46 13C2-PFUdA		NO	13.396
44	47 13C2-PFDoA		NO	11.369
45	48 d3-N-MeFOSA		NO	12.433
46	49 13C2-PFTeDA		NO	17.862
47	50 d5-N-ETFOSA		NO	9.606
48	51 13C2-PFHxDA		NO	13.725
49	52 d7-N-MeFOSE		NO	14.220
50	53 d9-N-EtFOSE		NO	12.294
51	54 13C4-PFBA		NO	0.000
52	55 13C5-PFHxA		NO	0.000
53	56 13C3-PFHxS		NO	0.000
54	57 13C8-PFOA		NO	0.000
55	58 13C9-PFNA		NO	0.000
56	59 13C4-PFOS		NO	0.000
57	60 13C6-PFDA		NO	0.000
58	61 13C7-PFUdA		NO	0.000

Dataset: Untitled

Last Altered: Tuesday, January 30, 2018 08:17:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:35:23 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 26 Jan 2018 09:01:53

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180129M1_1	IPA	29-Jan-18	10:16:04
2	180129M1_2	ST180129M1-1 PFC CS-2 18A1904	29-Jan-18	10:27:35
3	180129M1_3	ST180129M1-2 PFC CS-1 18A1905	29-Jan-18	10:39:02
4	180129M1_4	ST180129M1-3 PFC CS0 18A1906	29-Jan-18	10:50:31
5	180129M1_5	ST180129M1-4 PFC CS1 18A1907	29-Jan-18	11:02:00
6	180129M1_6	ST180129M1-5 PFC CS2 18A1908	29-Jan-18	11:13:30
7	180129M1_7	ST180129M1-6 PFC CS3 18A1909	29-Jan-18	11:24:59
8	180129M1_8	ST180129M1-7 PFC CS4 18A1910	29-Jan-18	11:36:29
9	180129M1_9	ST180129M1-8 PFC CS5 18A1911	29-Jan-18	11:47:59
10	180129M1_10	ST180129M1-9 PFC CS6 18A2403	29-Jan-18	11:59:26
11	180129M1_11	ST180129M1-10 PFC CS7 18A2404	29-Jan-18	12:10:56
12	180129M1_12	IPA	29-Jan-18	12:22:23
13	180129M1_13	ICV180129M1-1 PFC ICV 18A1903	29-Jan-18	12:33:53
14	180129M1_14	IPA	29-Jan-18	12:45:23

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 26 Jan 2018 09:01:53

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

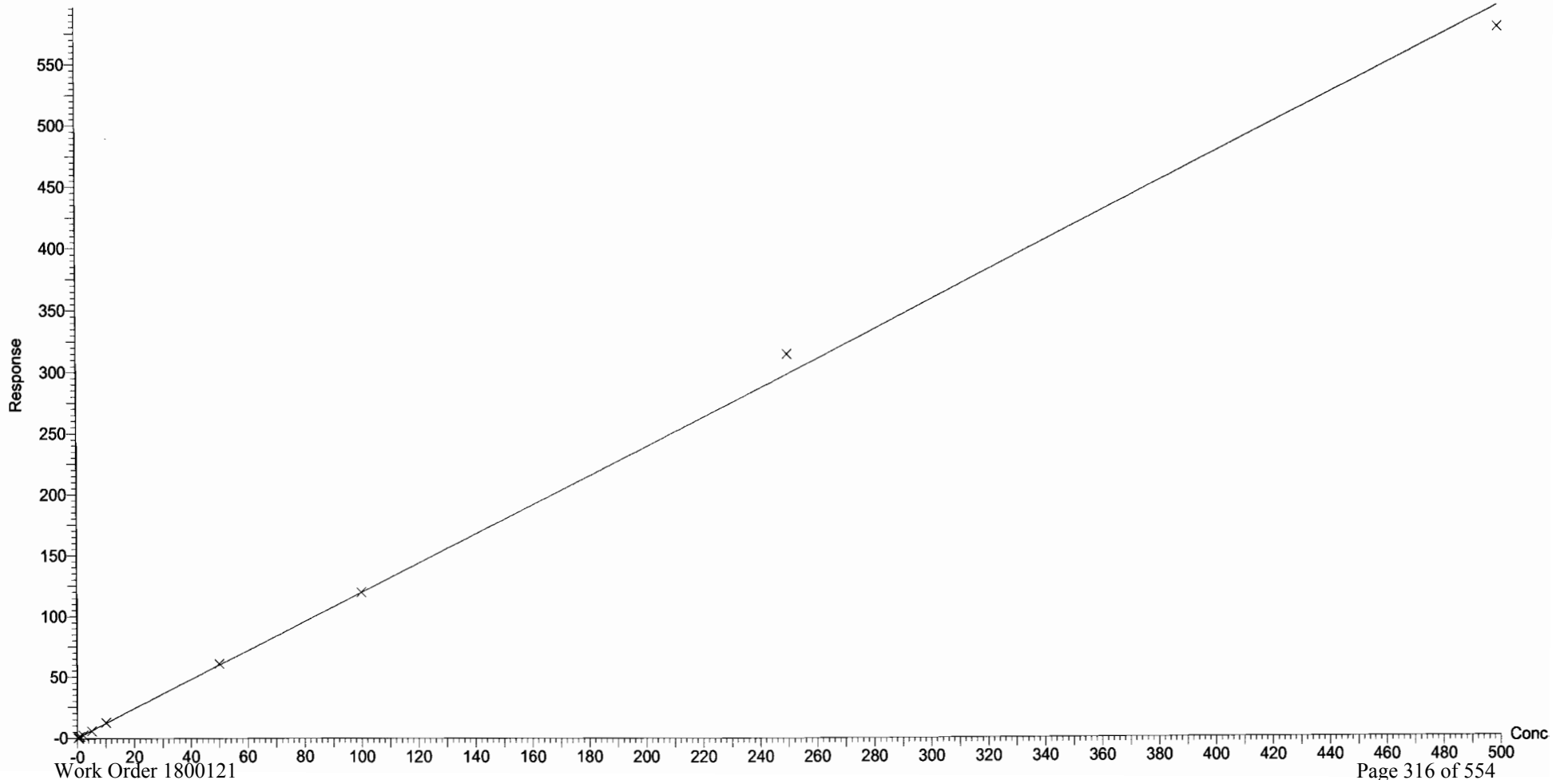
Compound name: PFBA

Correlation coefficient: $r = 0.999310$, $r^2 = 0.998620$

Calibration curve: $1.19182 * x + -0.064043$

Response type: Internal Std (Ref 31), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

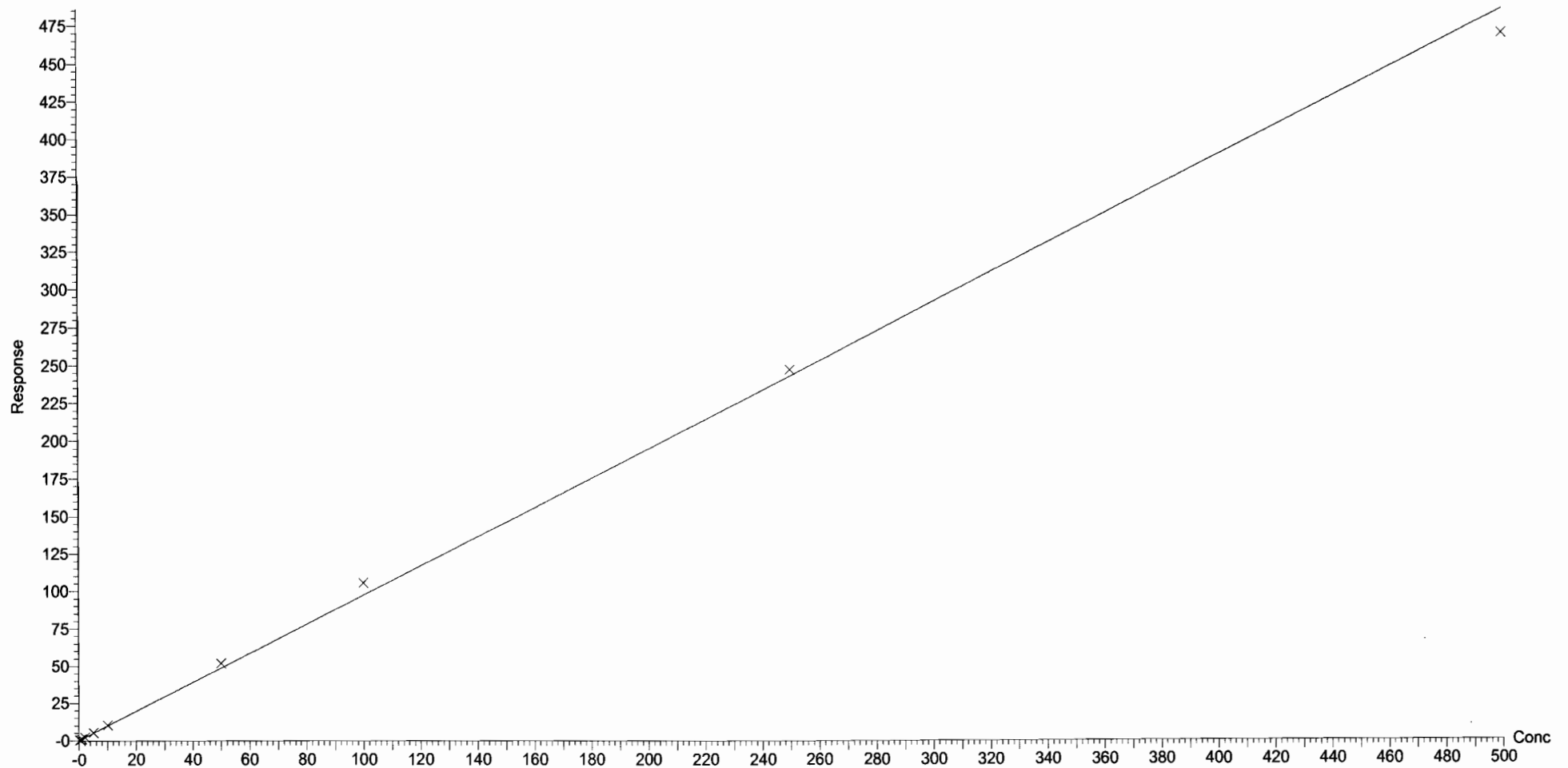
Compound name: PFPeA

Correlation coefficient: $r = 0.999115$, $r^2 = 0.998230$

Calibration curve: $0.971385 * x + 0.0766429$

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

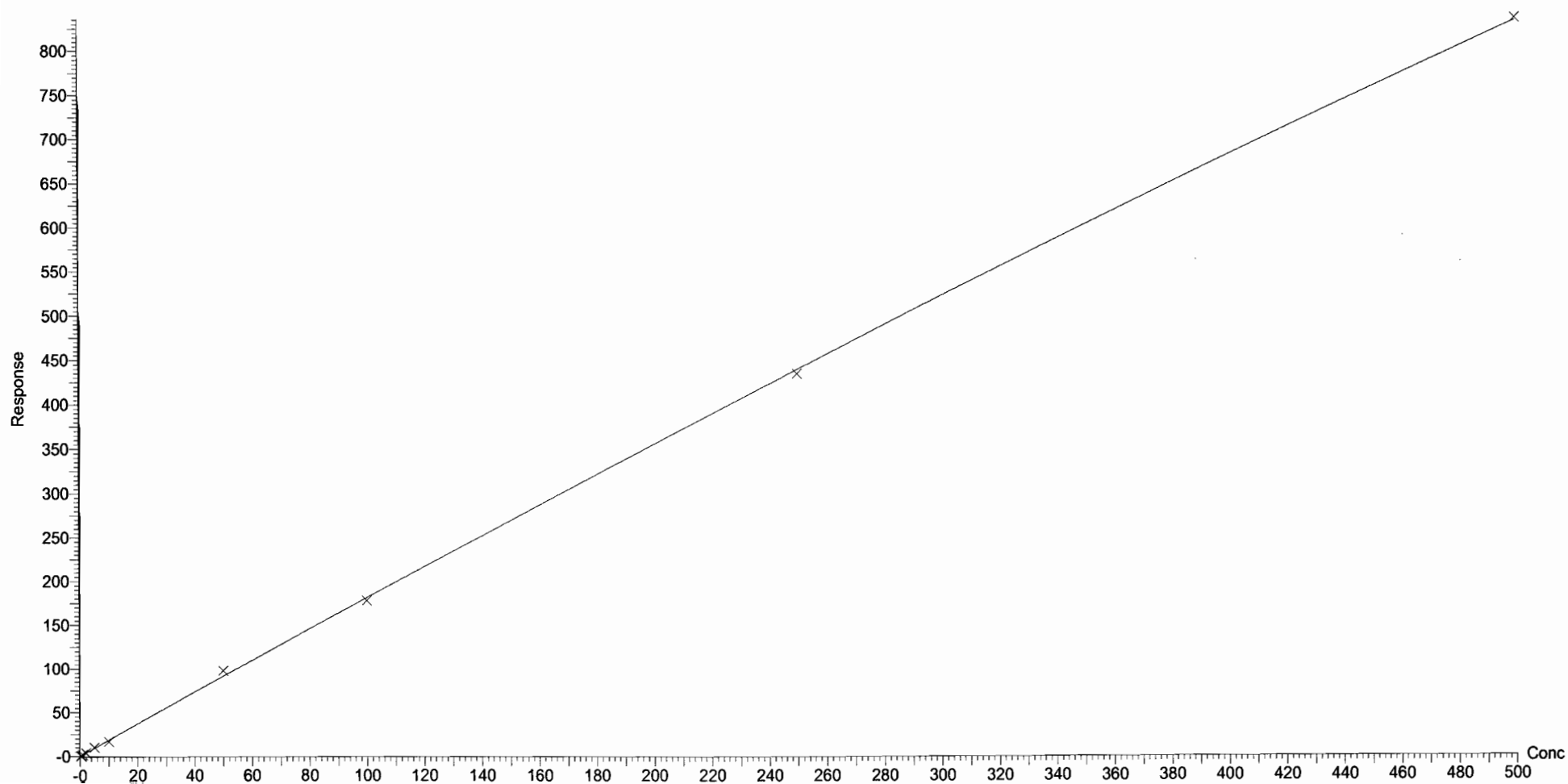
Compound name: PFBS

Coefficient of Determination: $R^2 = 0.999457$

Calibration curve: $-0.000360578 * x^2 + 1.84707 * x + 0.0547607$

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

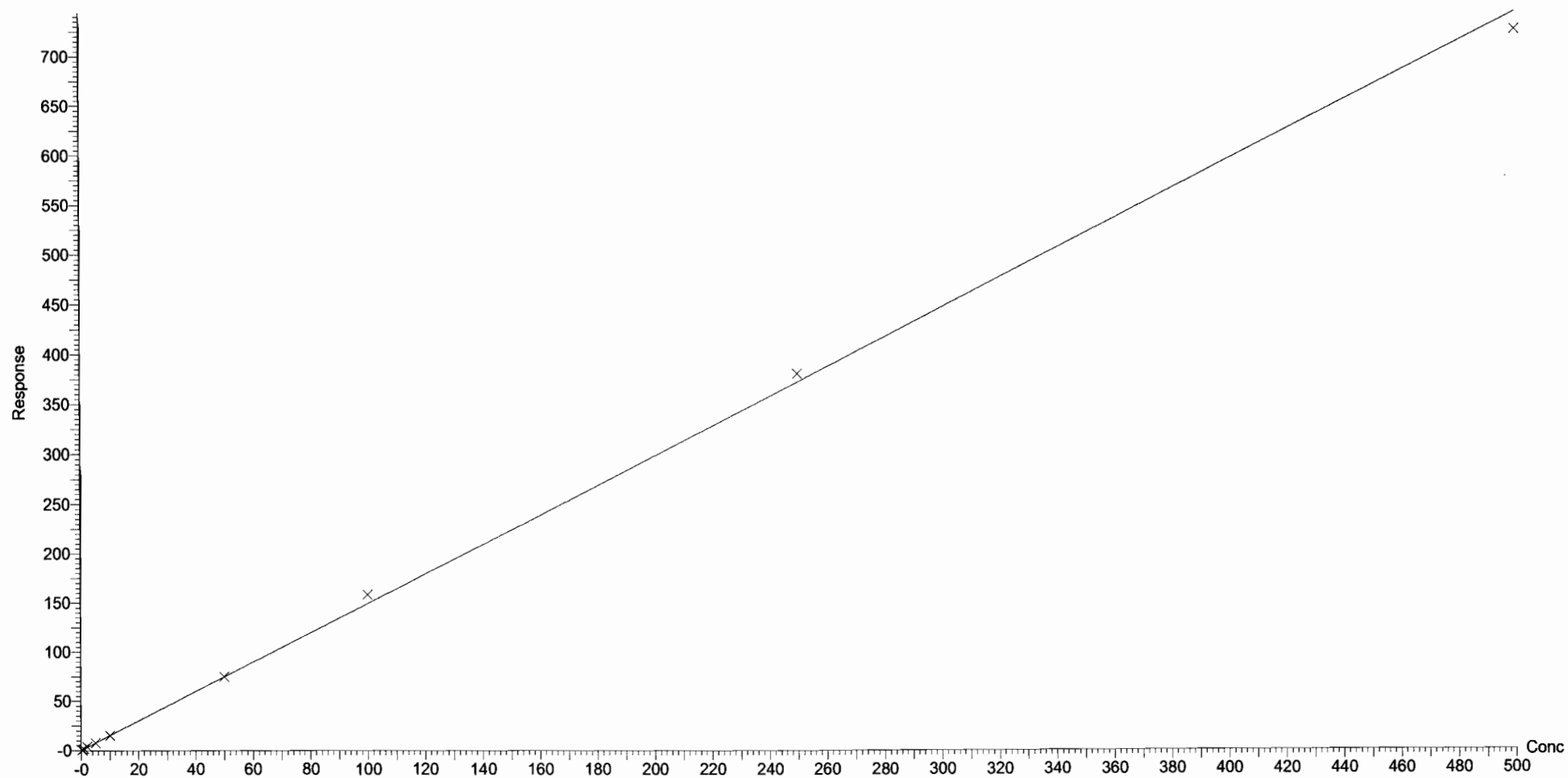
Compound name: PFHxA

Correlation coefficient: $r = 0.999513$, $r^2 = 0.999027$

Calibration curve: $1.48726 * x + 0.128235$

Response type: Internal Std (Ref 34), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

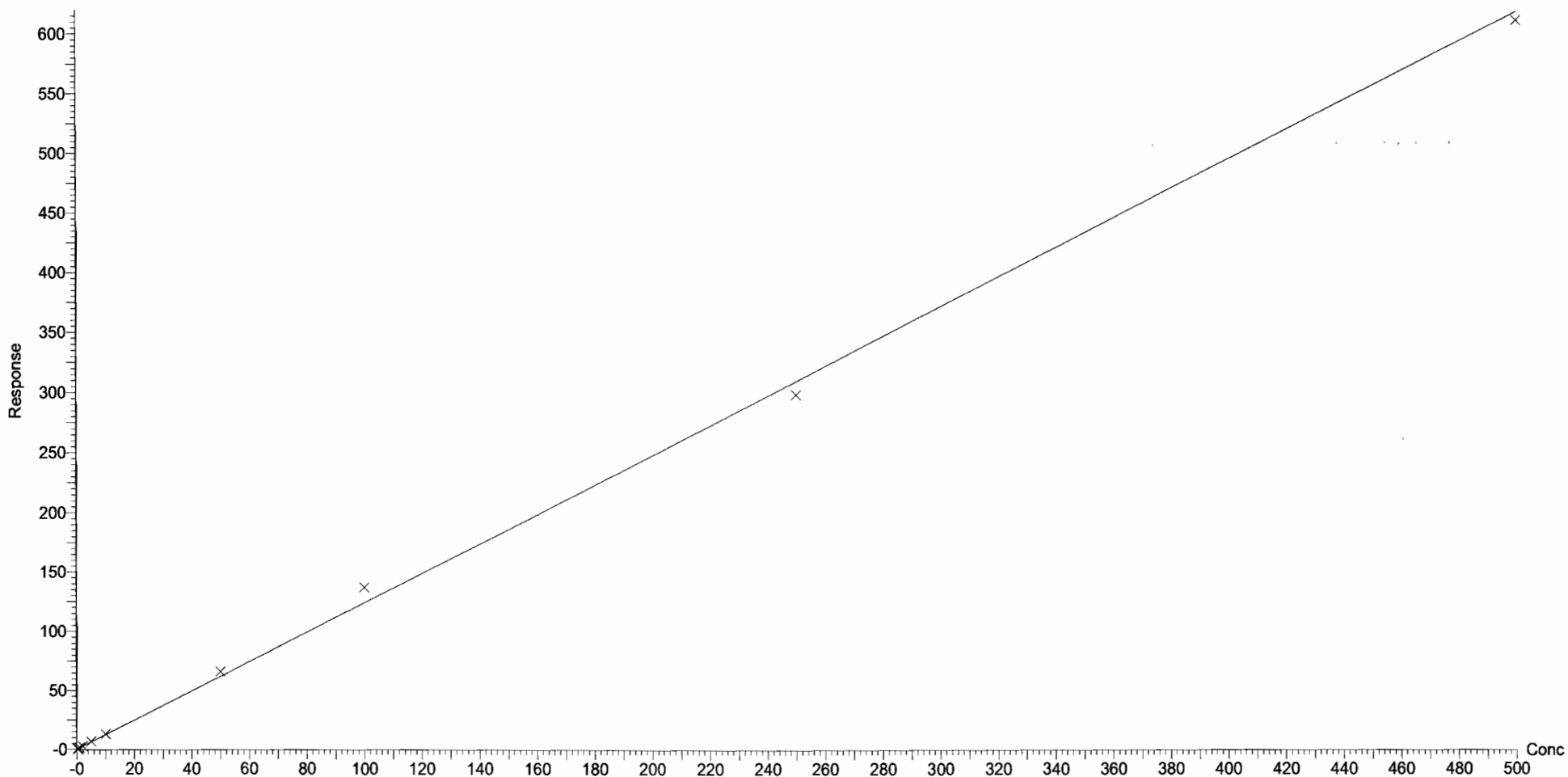
Compound name: PFHpA

Correlation coefficient: $r = 0.999030$, $r^2 = 0.998062$

Calibration curve: $1.23892 * x + 0.135819$

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

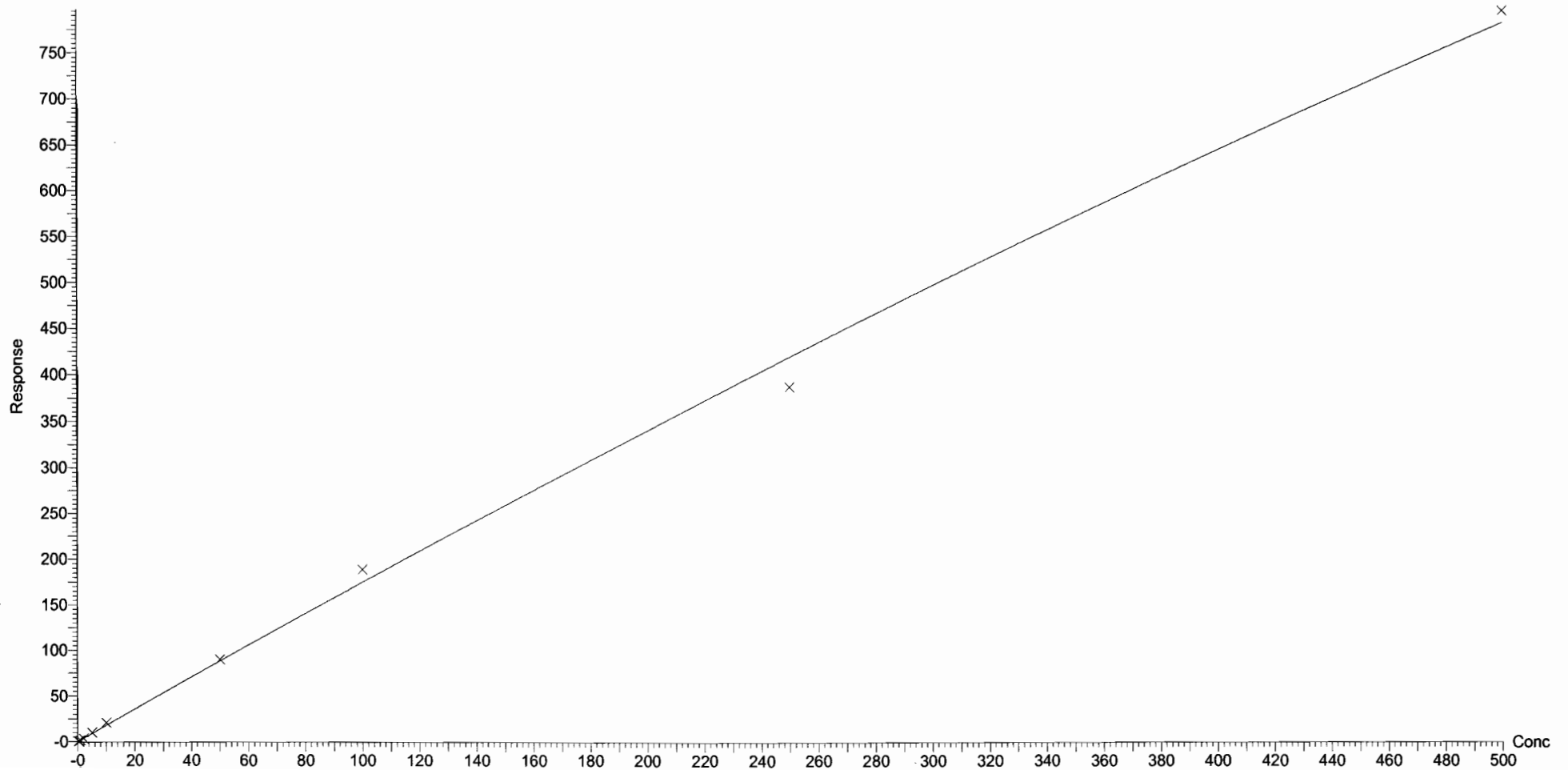
Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.996768$

Calibration curve: $-0.000450135 * x^2 + 1.79203 * x + -0.0391188$

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

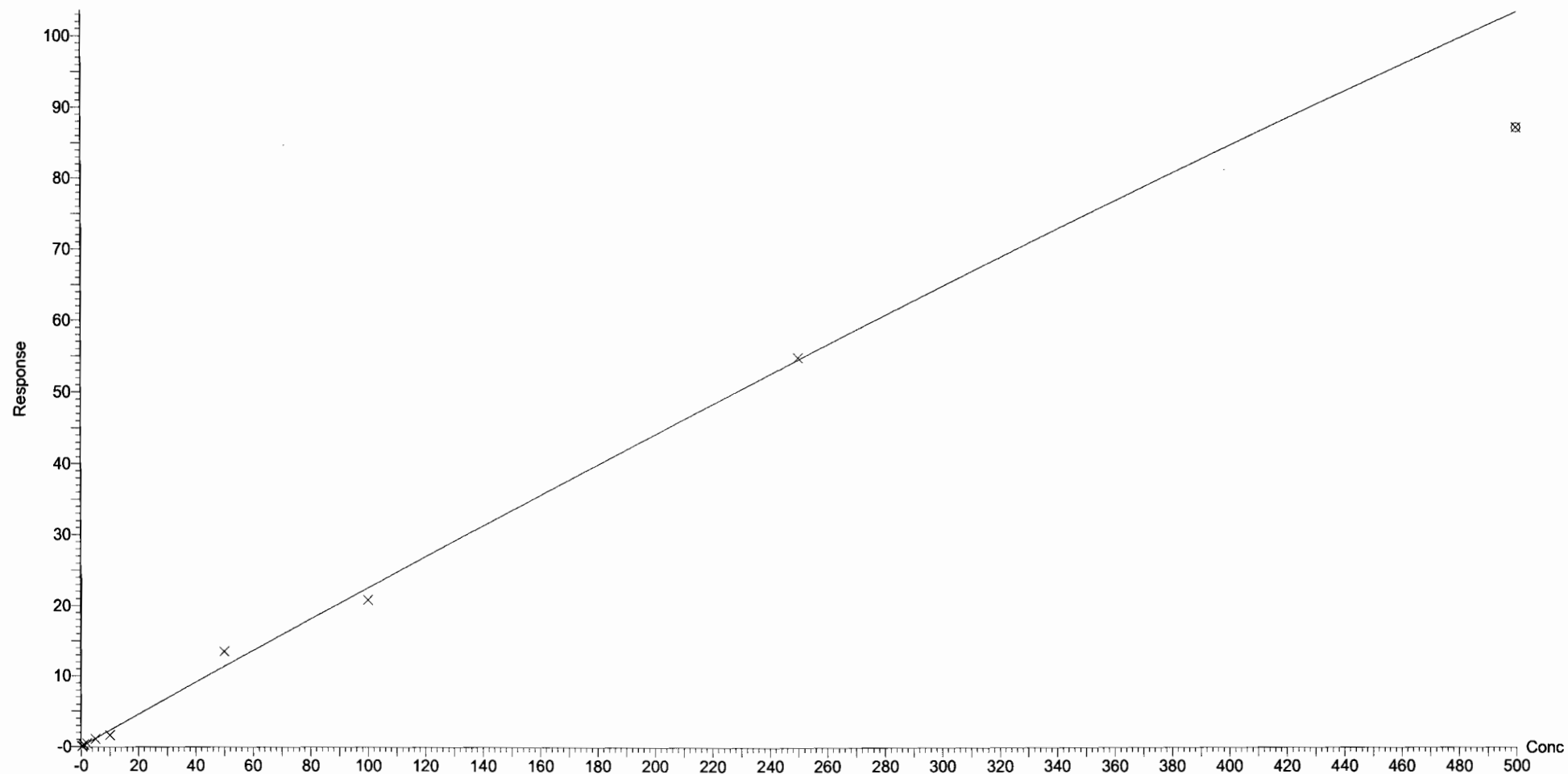
Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.991818$

Calibration curve: $-4.4734e-005 * x^2 + 0.229509 * x + -0.00838563$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

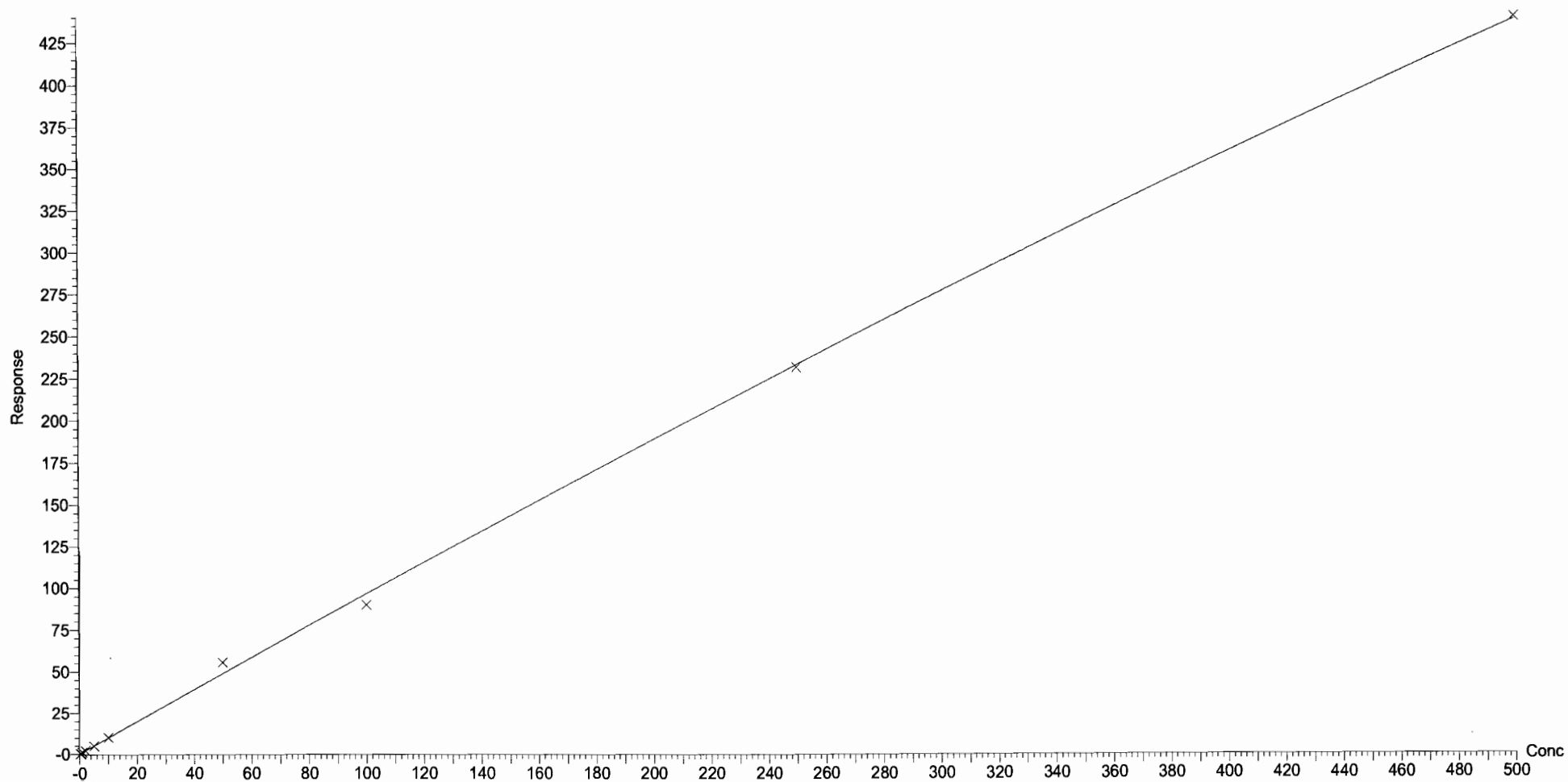
Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.998167$

Calibration curve: $-0.000217563 * x^2 + 0.986693 * x + 0.0907899$

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\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

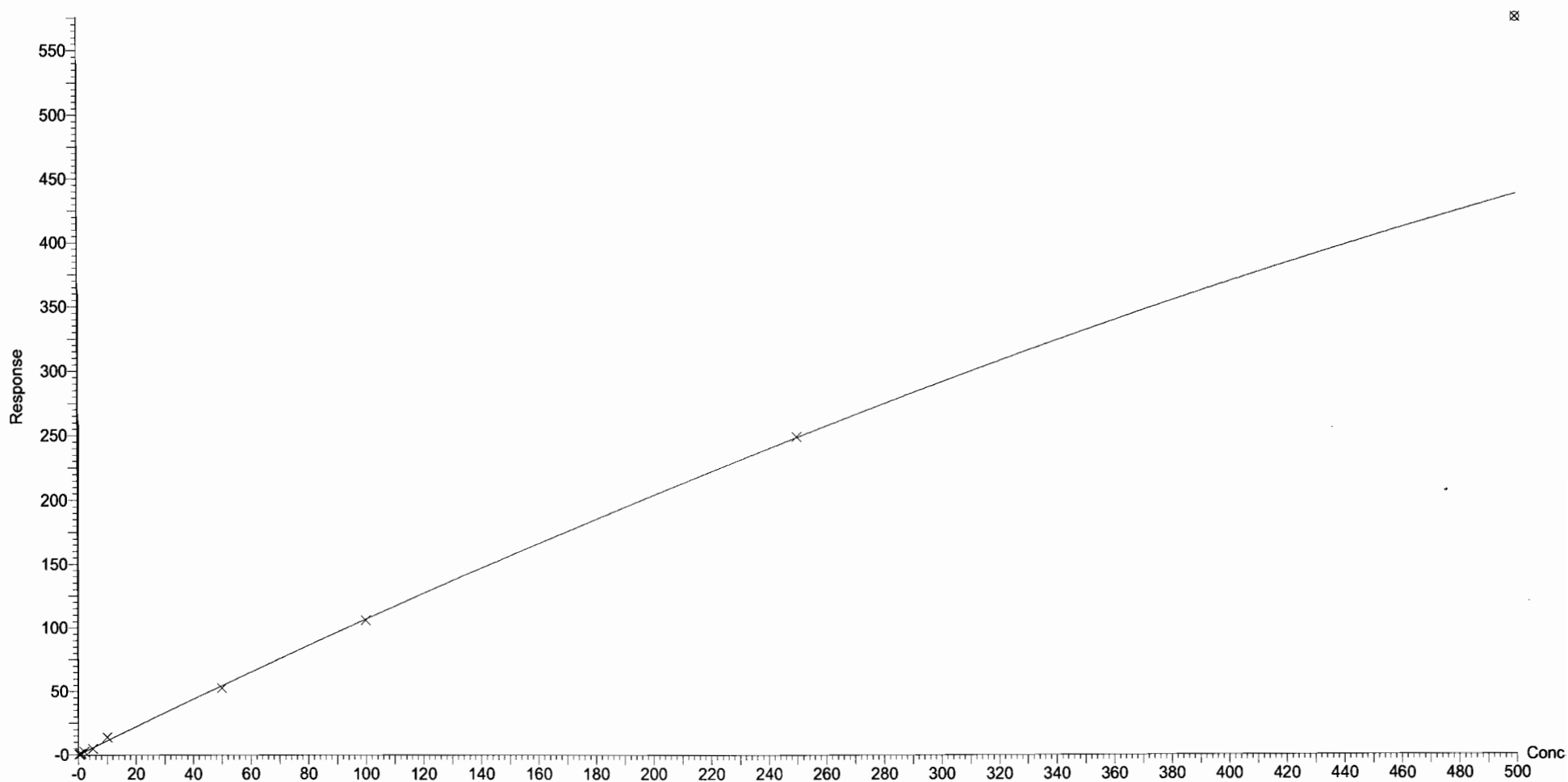
Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.997810$

Calibration curve: $-0.000475715 * x^2 + 1.11301 * x - 0.0478912$

Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

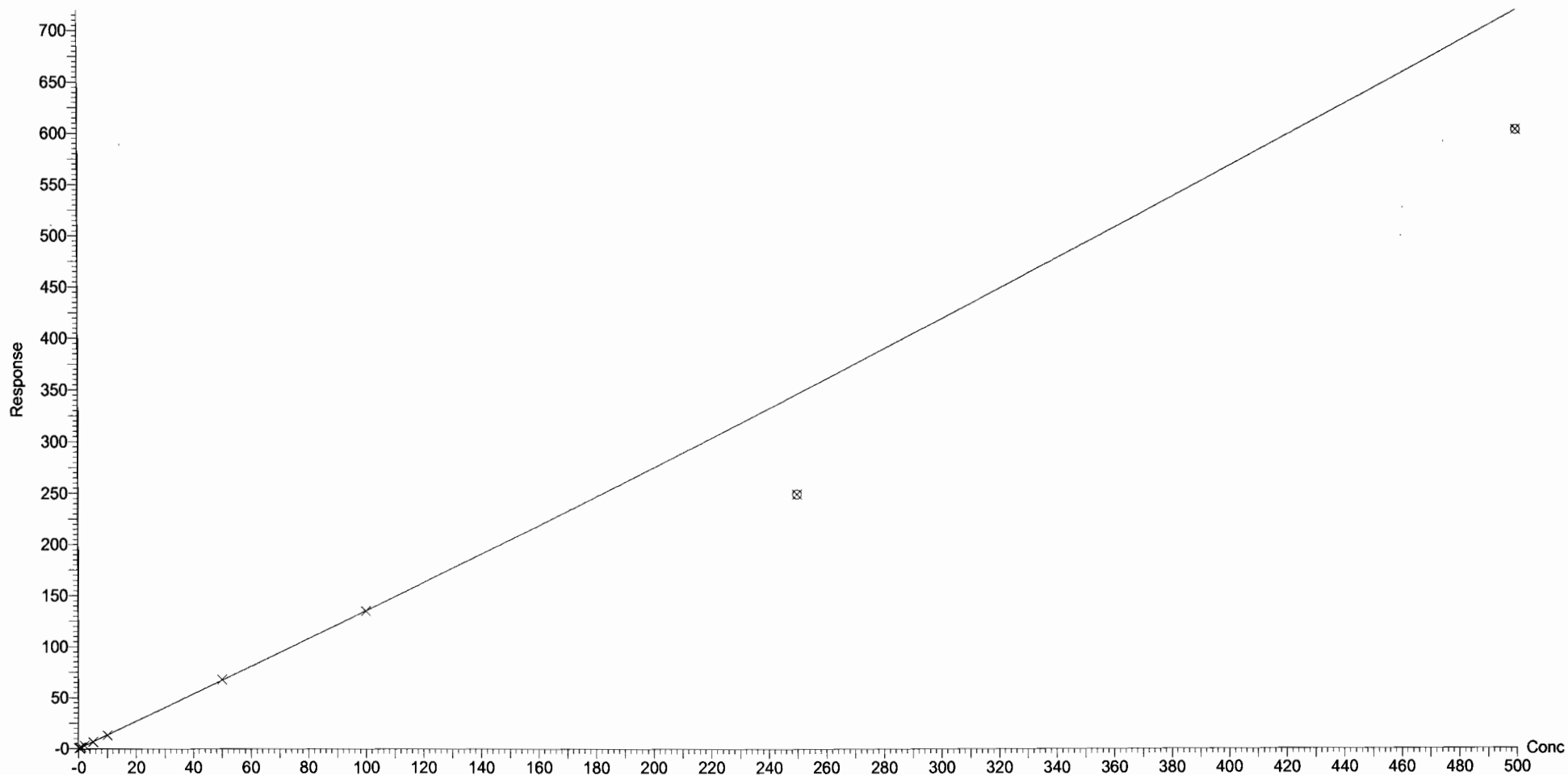
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999833$

Calibration curve: $0.000225764 * x^2 + 1.32666 * x + -0.0242113$

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\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

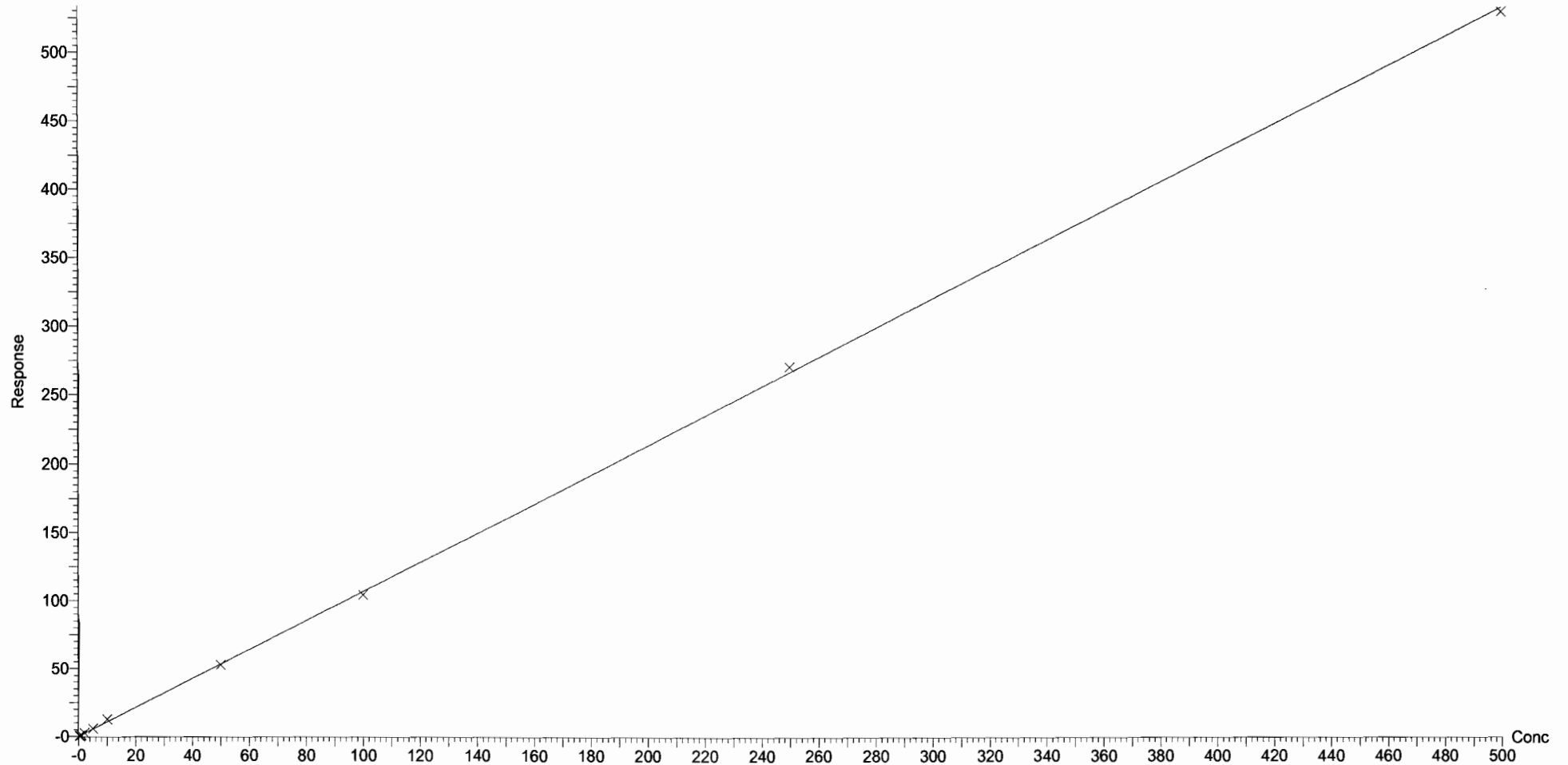
Compound name: PFOSA

Correlation coefficient: $r = 0.999710$, $r^2 = 0.999421$

Calibration curve: $1.06686 * x + 0.047332$

Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)

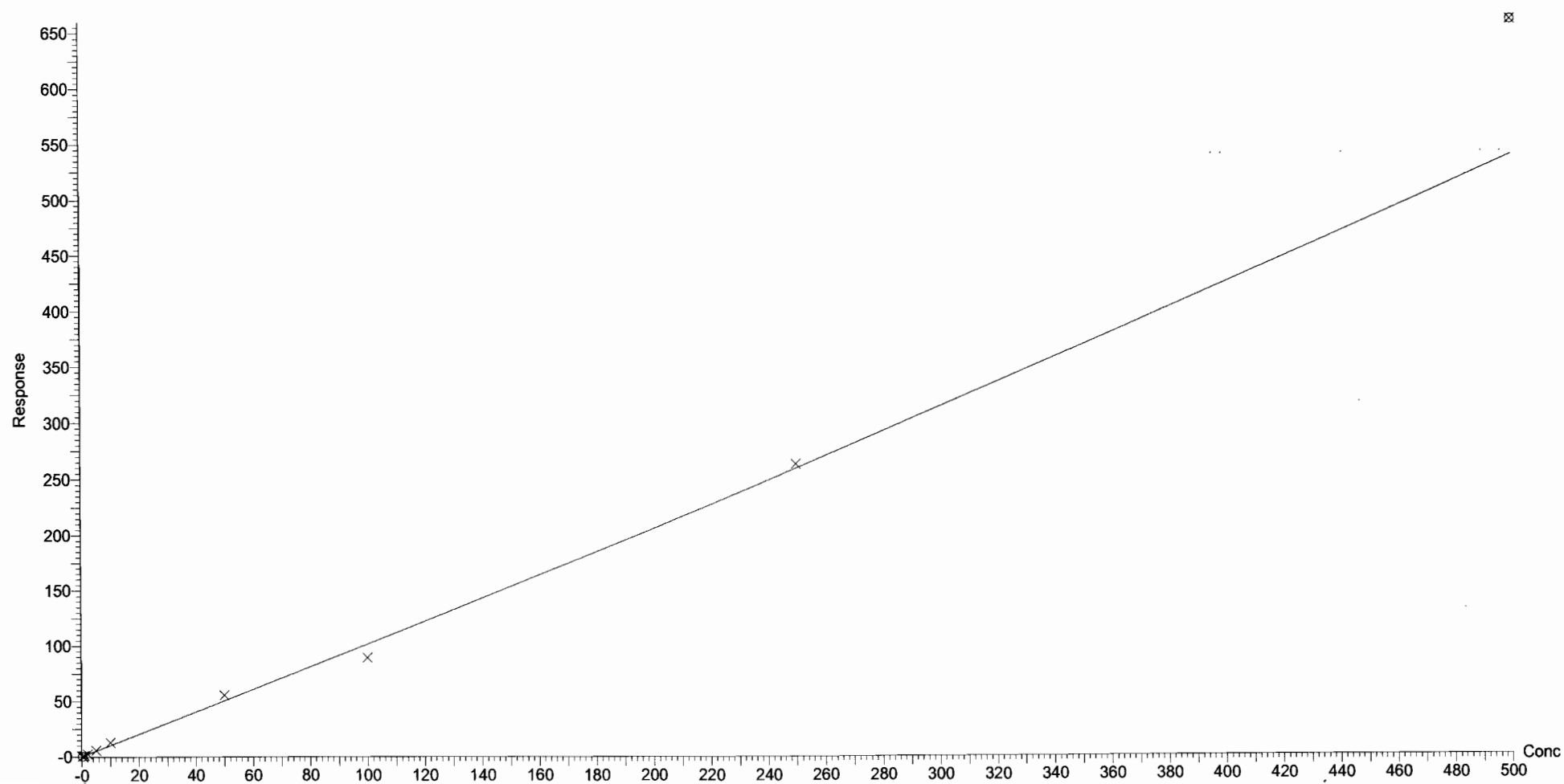
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time
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Compound name: L-PFOS
Coefficient of Determination: $R^2 = 0.993092$
Calibration curve: $0.0001614 * x^2 + 0.995037 * x + 0.208935$
Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

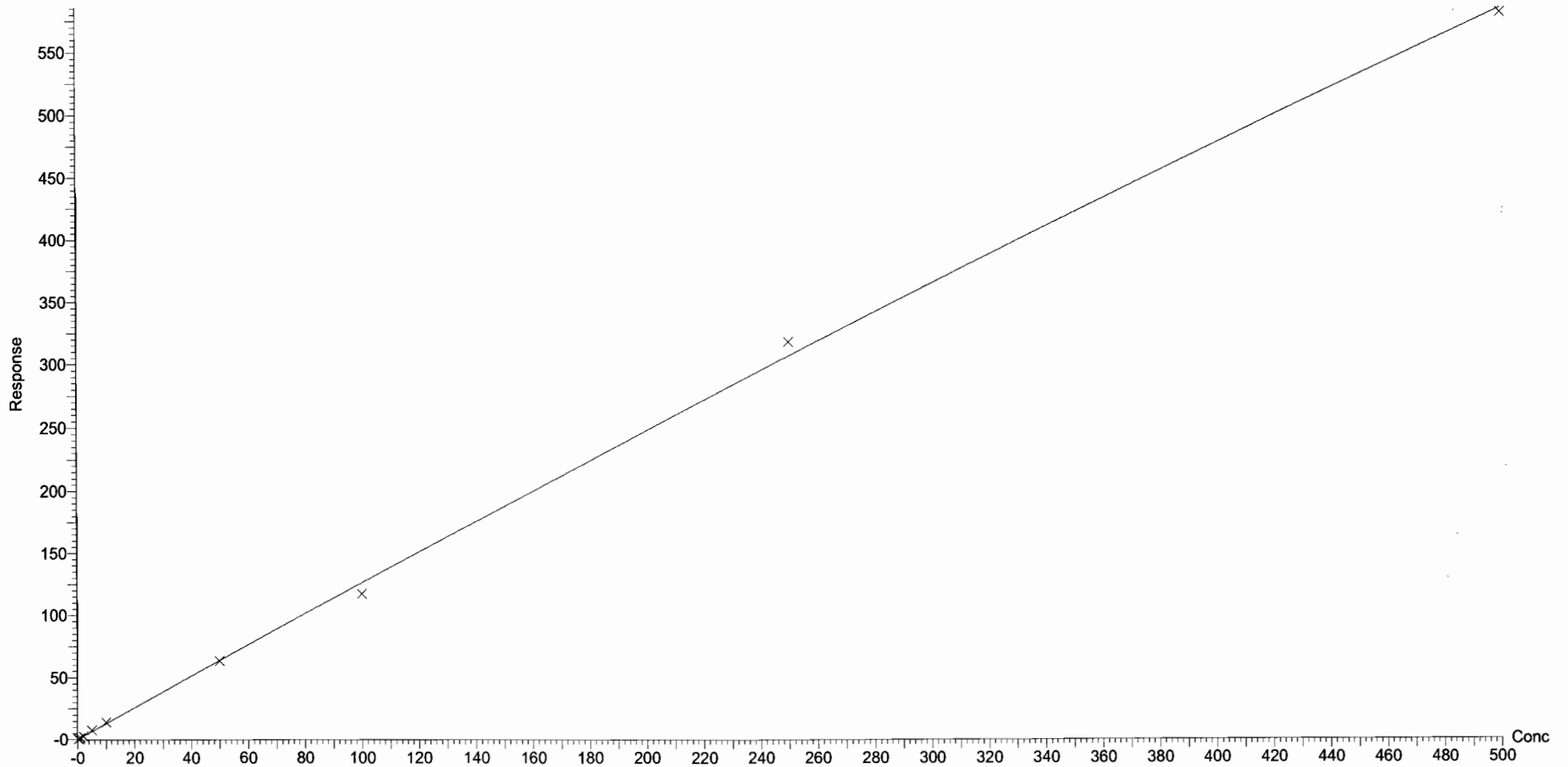
Compound name: PFDA

Coefficient of Determination: $R^2 = 0.998712$

Calibration curve: $-0.000224753 * x^2 + 1.28338 * x + 0.0811215$

Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

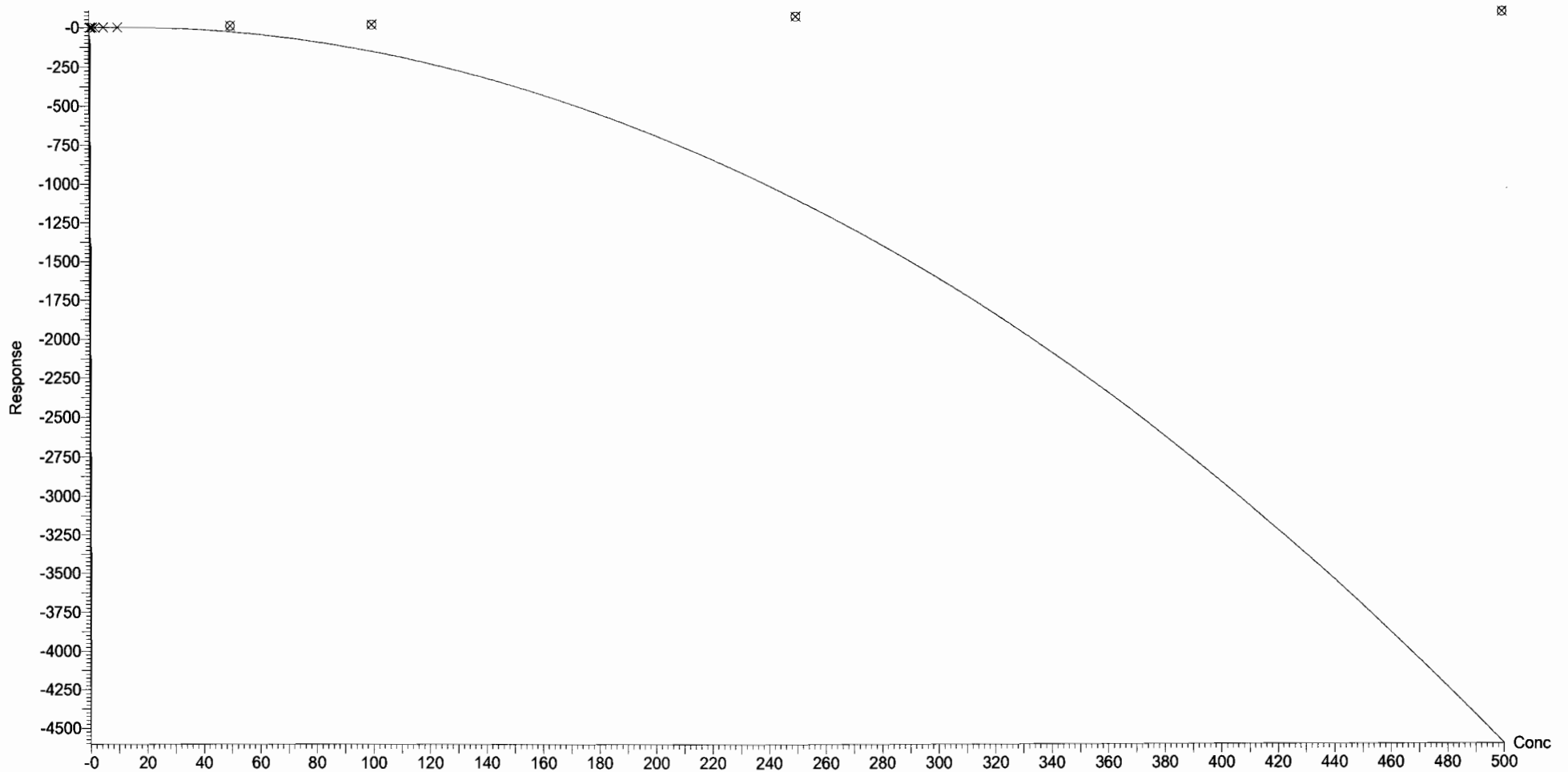
Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.992944$

Calibration curve: $-0.0192814 * x^2 + 0.436846 * x + -0.0529106$

Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

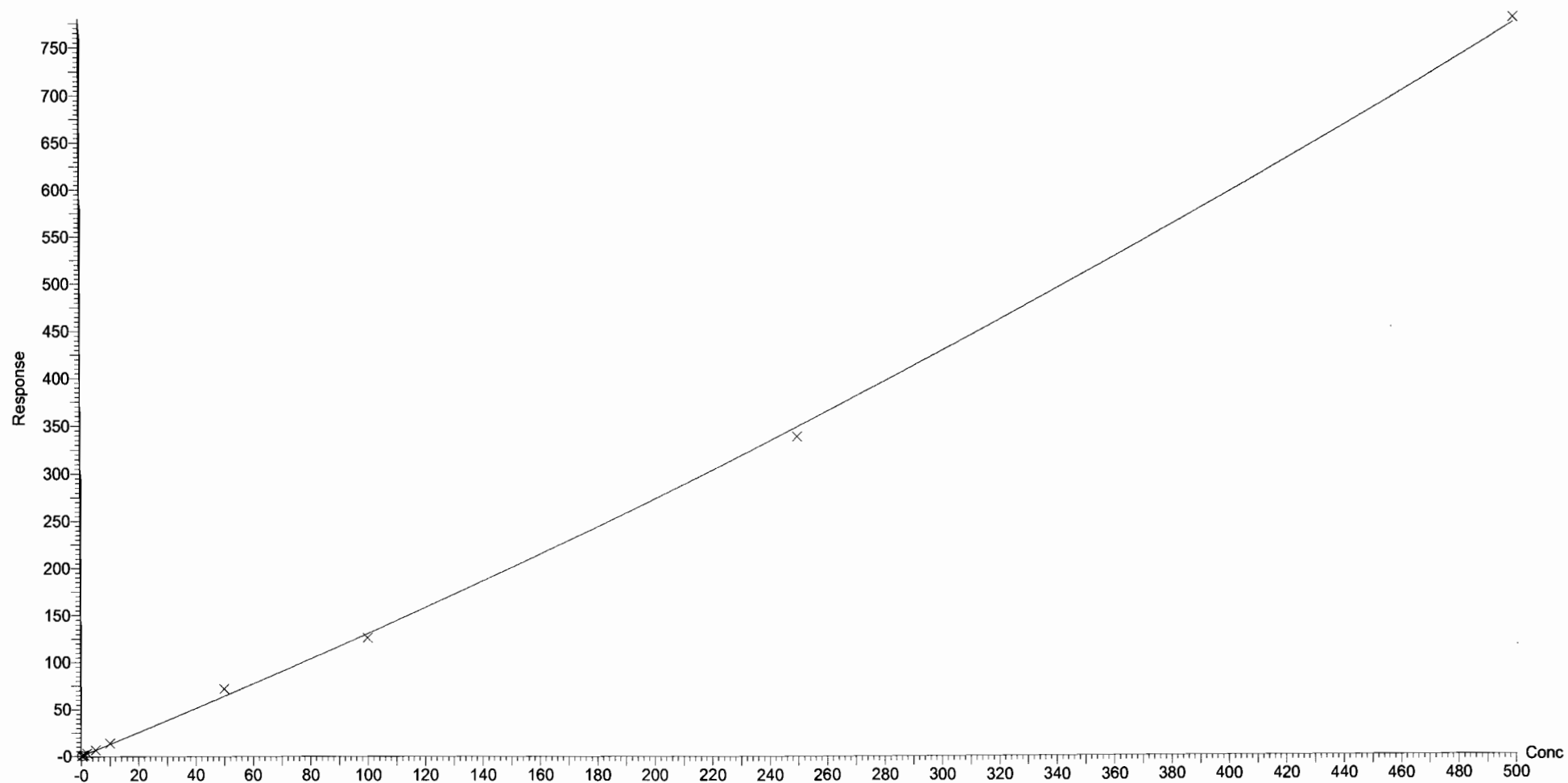
Compound name: N-MeFOSAA

Coefficient of Determination: $R^2 = 0.998867$

Calibration curve: $0.000620919 * x^2 + 1.23812 * x + 0.183756$

Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

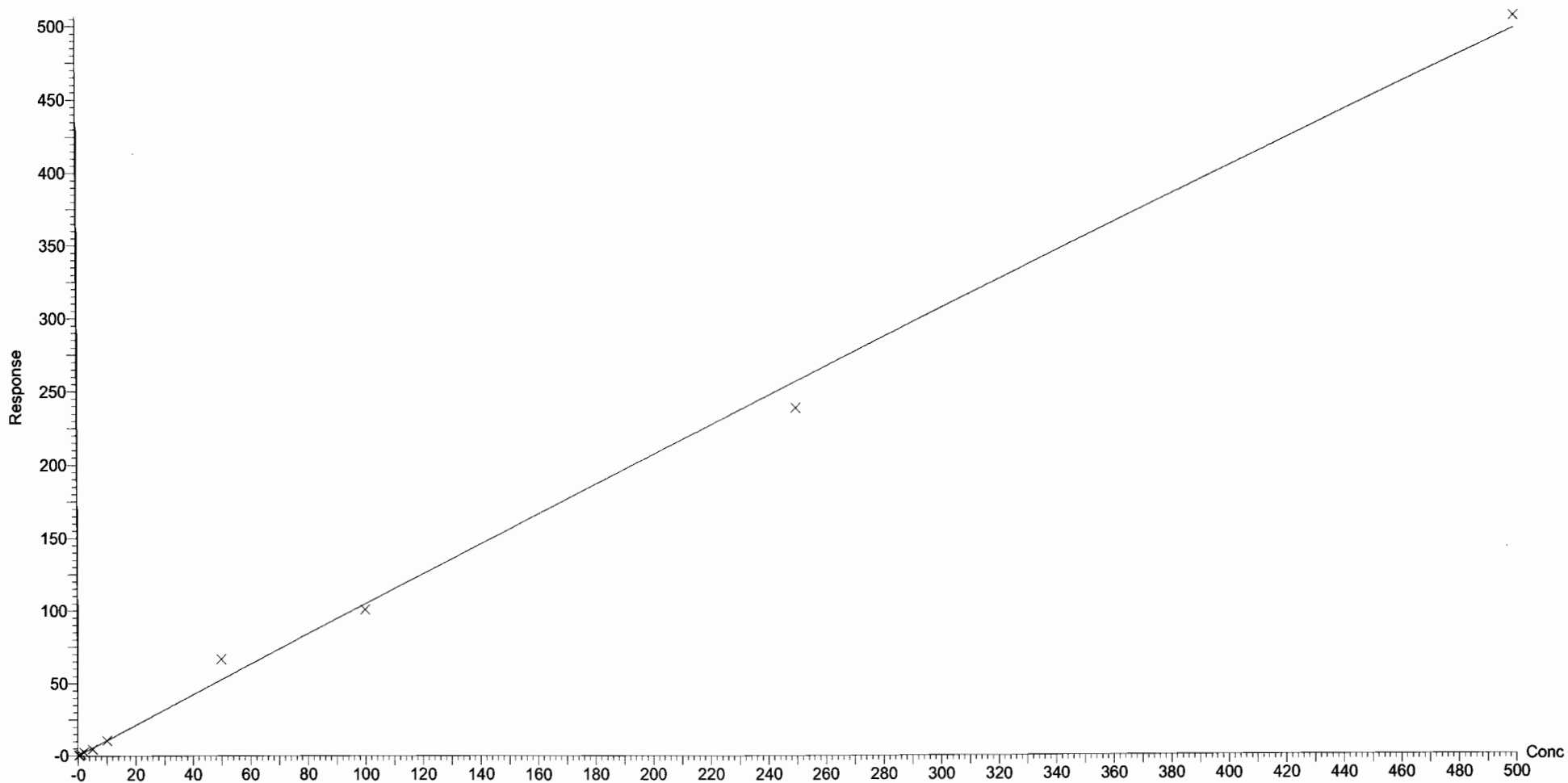
Compound name: N-EtFOSAA

Coefficient of Determination: $R^2 = 0.993759$

Calibration curve: $-0.000121041 * x^2 + 1.05647 * x + -0.00669187$

Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

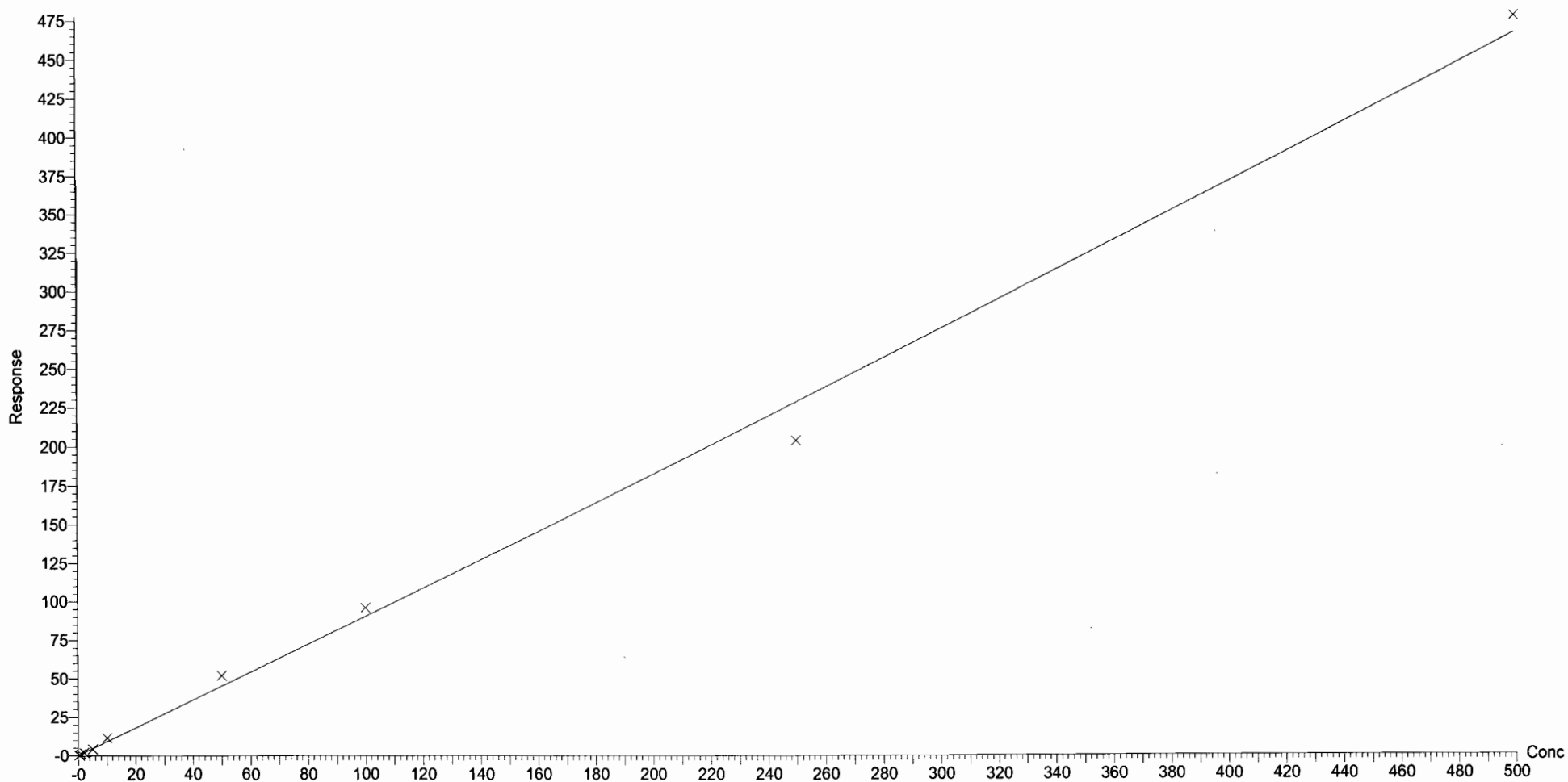
Compound name: PFUDa

Coefficient of Determination: $R^2 = 0.994258$

Calibration curve: $8.08656e-005 * x^2 + 0.892996 * x + 0.150656$

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\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

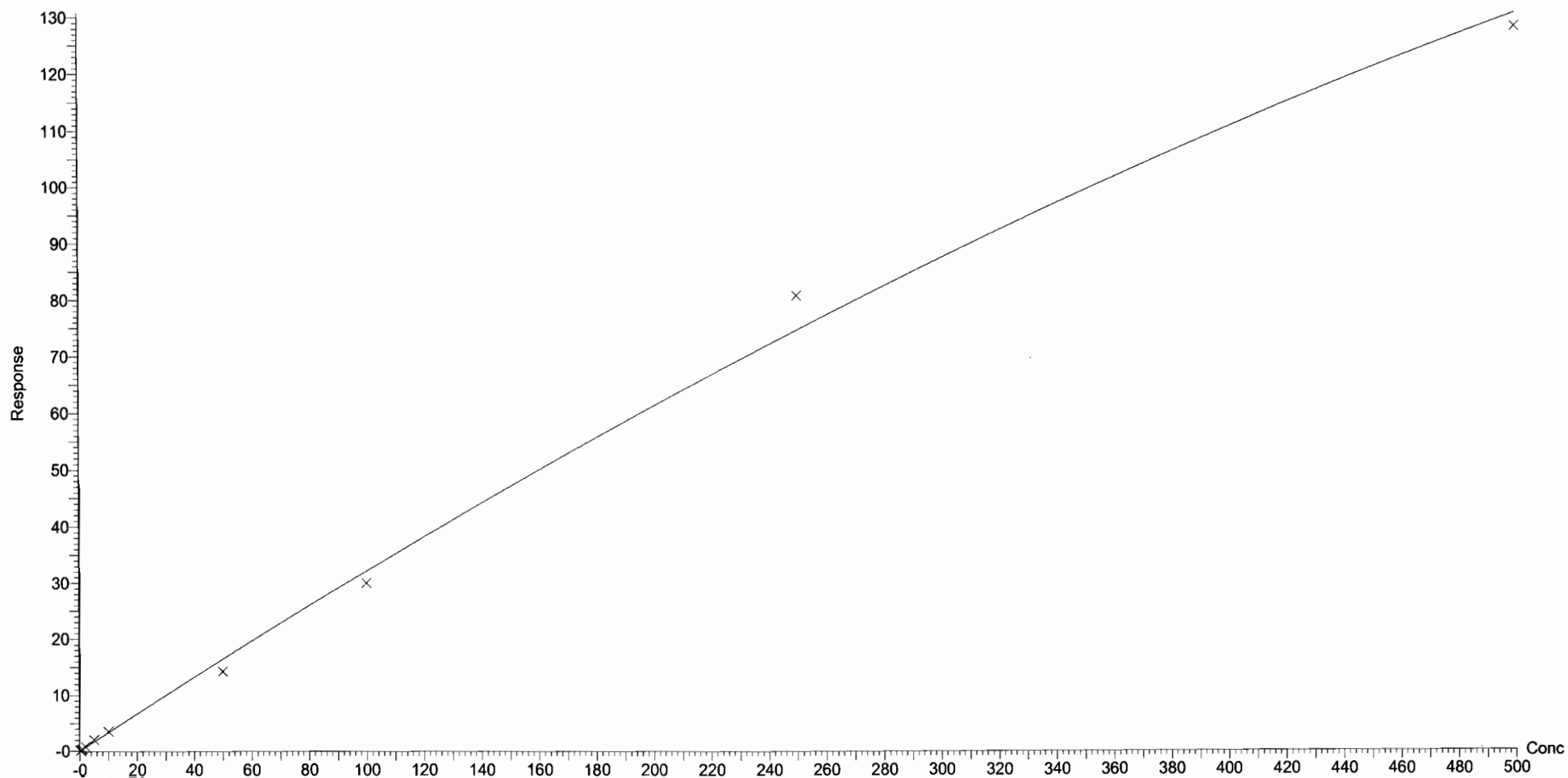
Compound name: PFDS

Coefficient of Determination: $R^2 = 0.995347$

Calibration curve: $-0.000148 * x^2 + 0.335398 * x + 0.0205381$

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\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

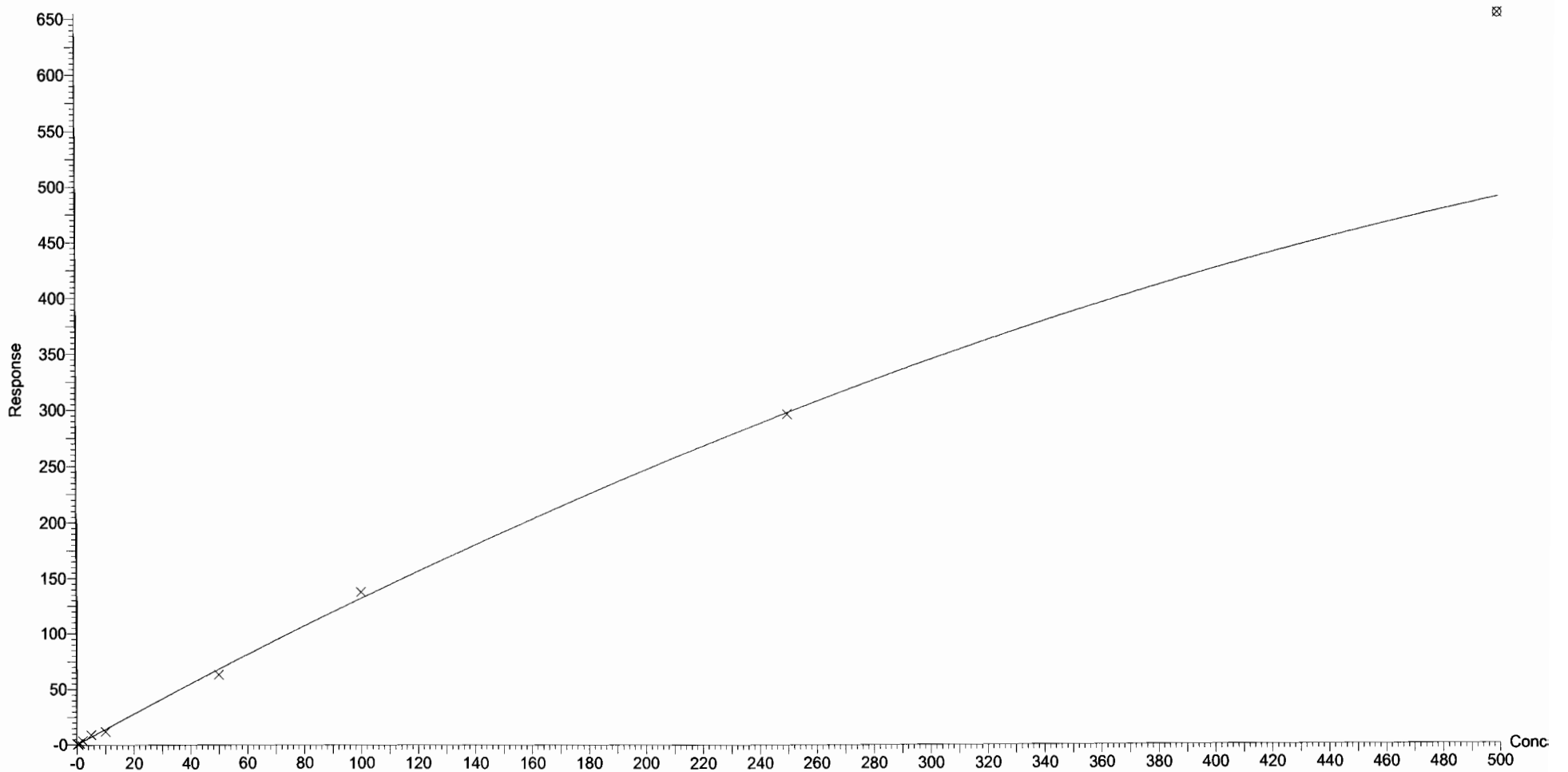
Compound name: PFDoA

Coefficient of Determination: $R^2 = 0.996461$

Calibration curve: $-0.0008418 * x^2 + 1.39944 * x + 0.0570527$

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\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

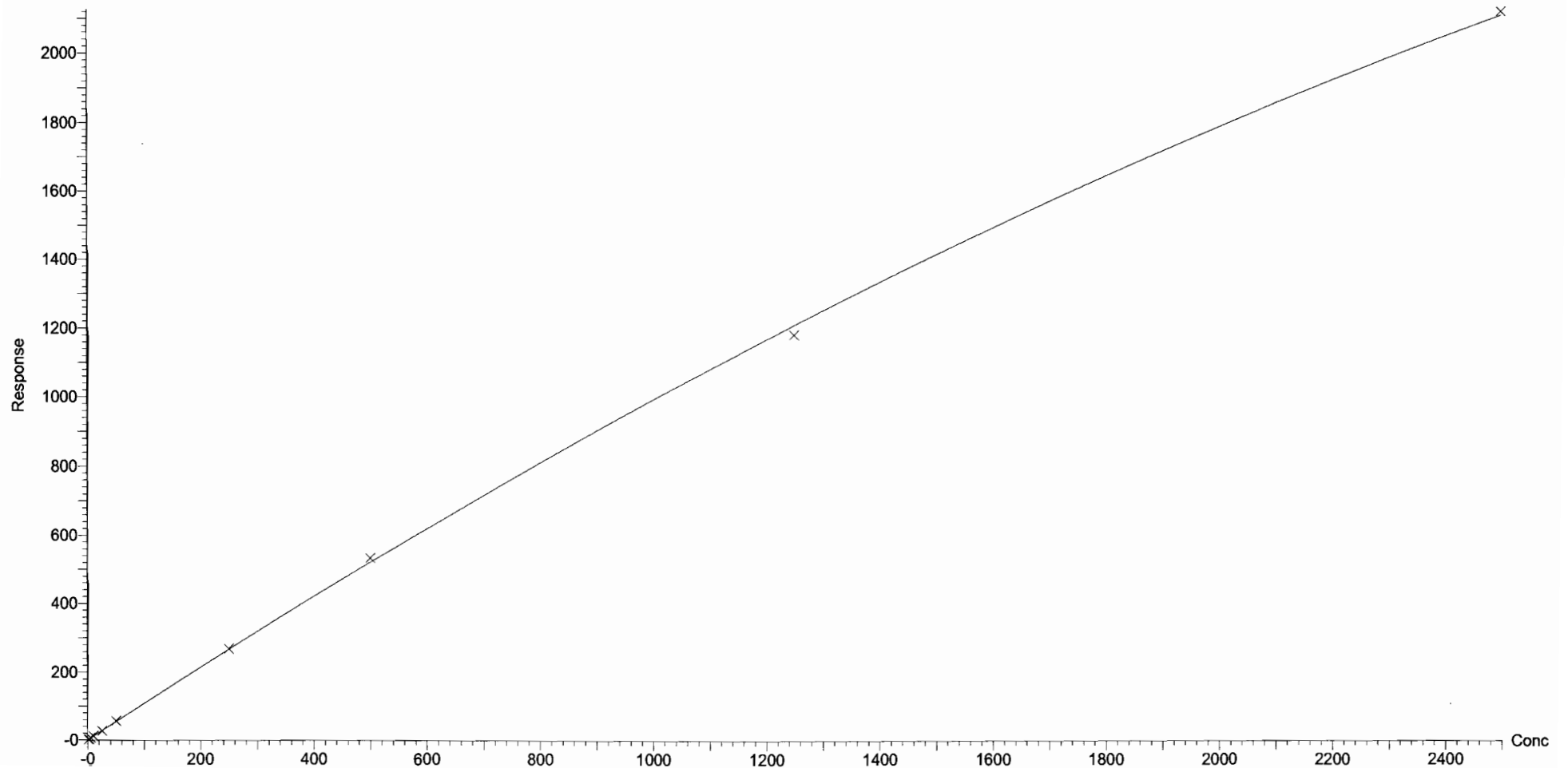
Compound name: N-MeFOSA

Coefficient of Determination: $R^2 = 0.999644$

Calibration curve: $-9.79129e-005 * x^2 + 1.09012 * x + 0.122568$

Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

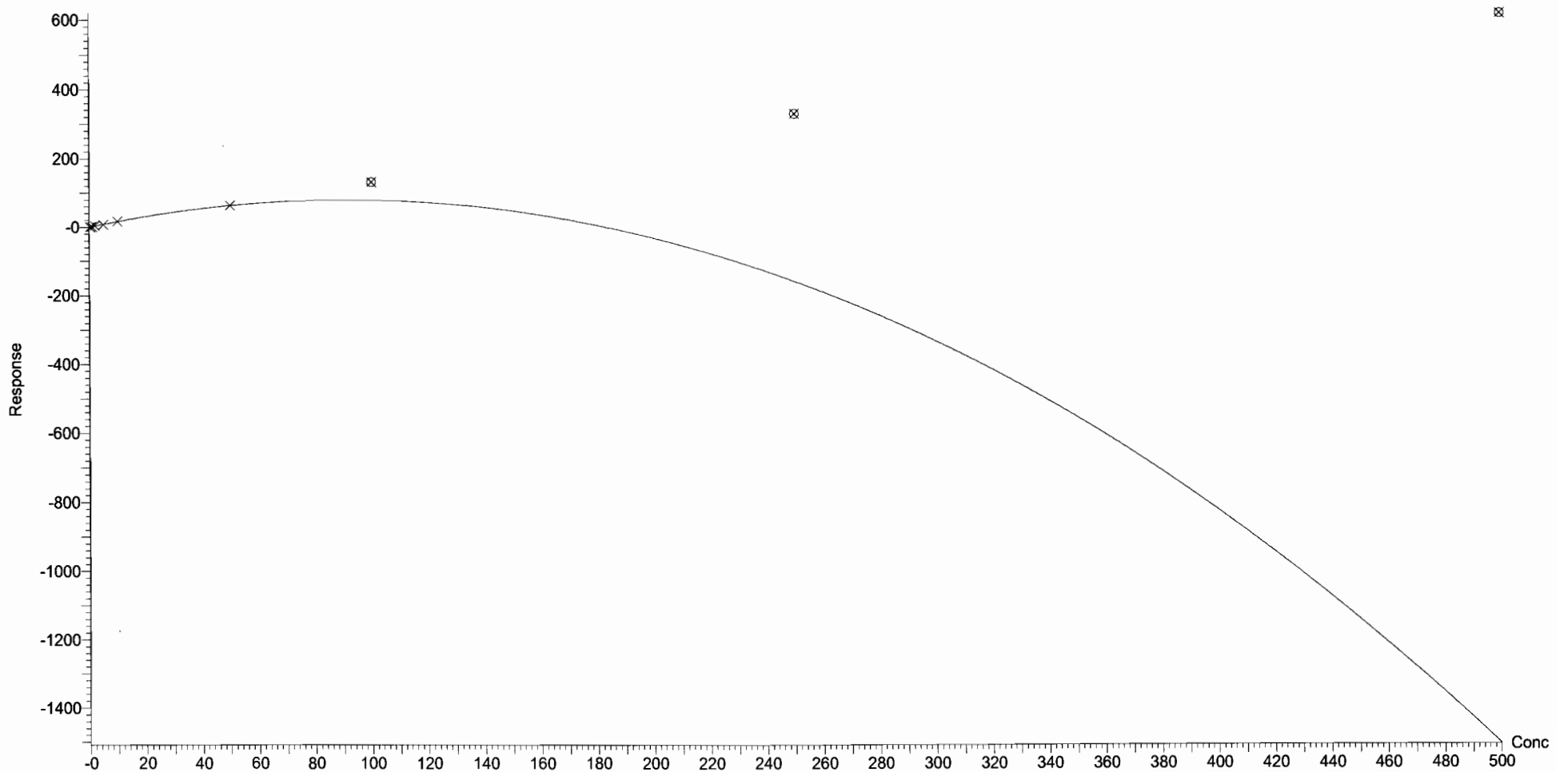


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

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Compound name: PFTrDA
Coefficient of Determination: $R^2 = 0.994323$
Calibration curve: $-0.00951009 * x^2 + 1.74135 * x + -0.020205$
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\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

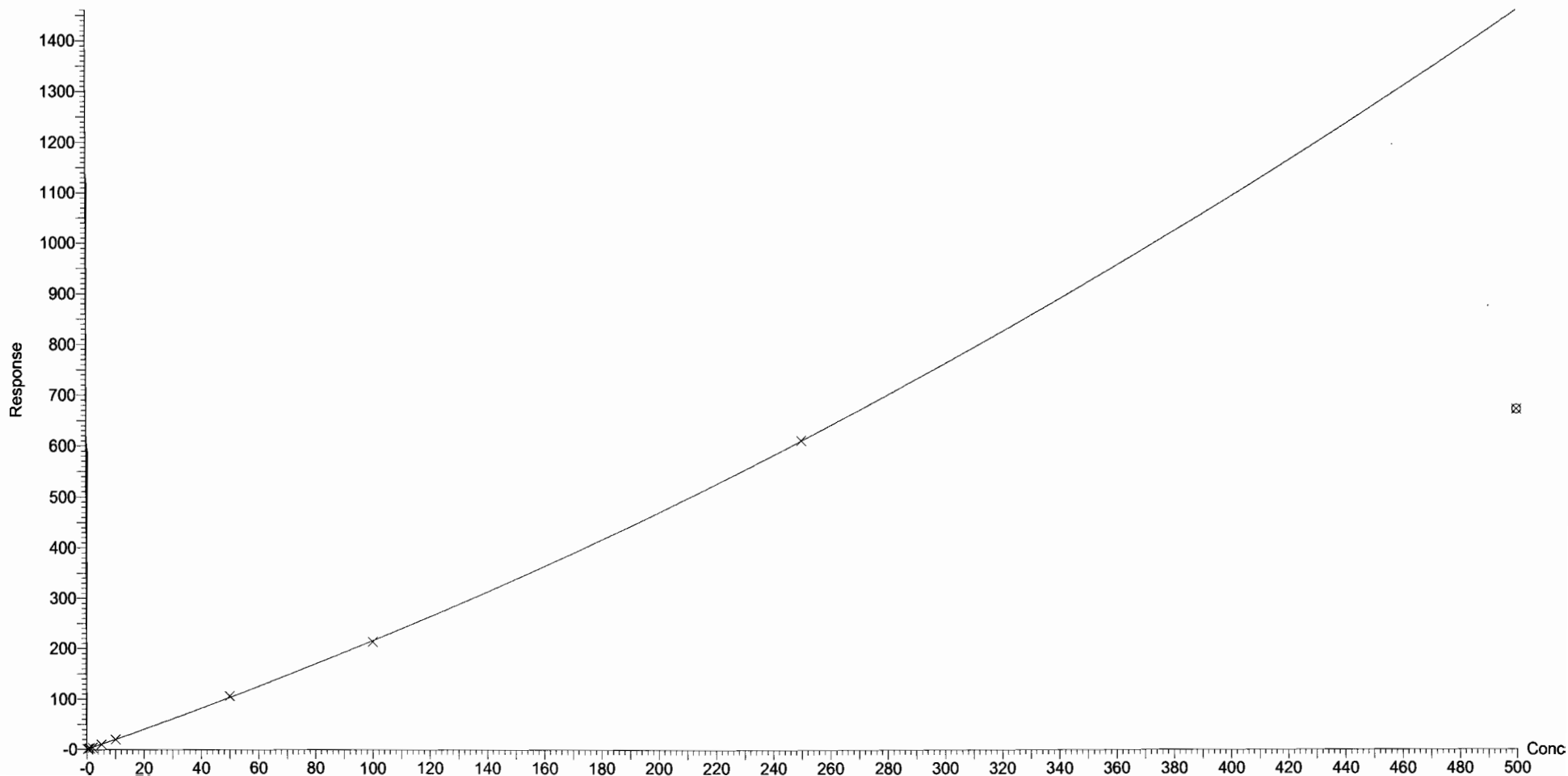
Compound name: PFTeDA

Coefficient of Determination: $R^2 = 0.999724$

Calibration curve: $0.00192332 * x^2 + 1.95818 * x + 0.258522$

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\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

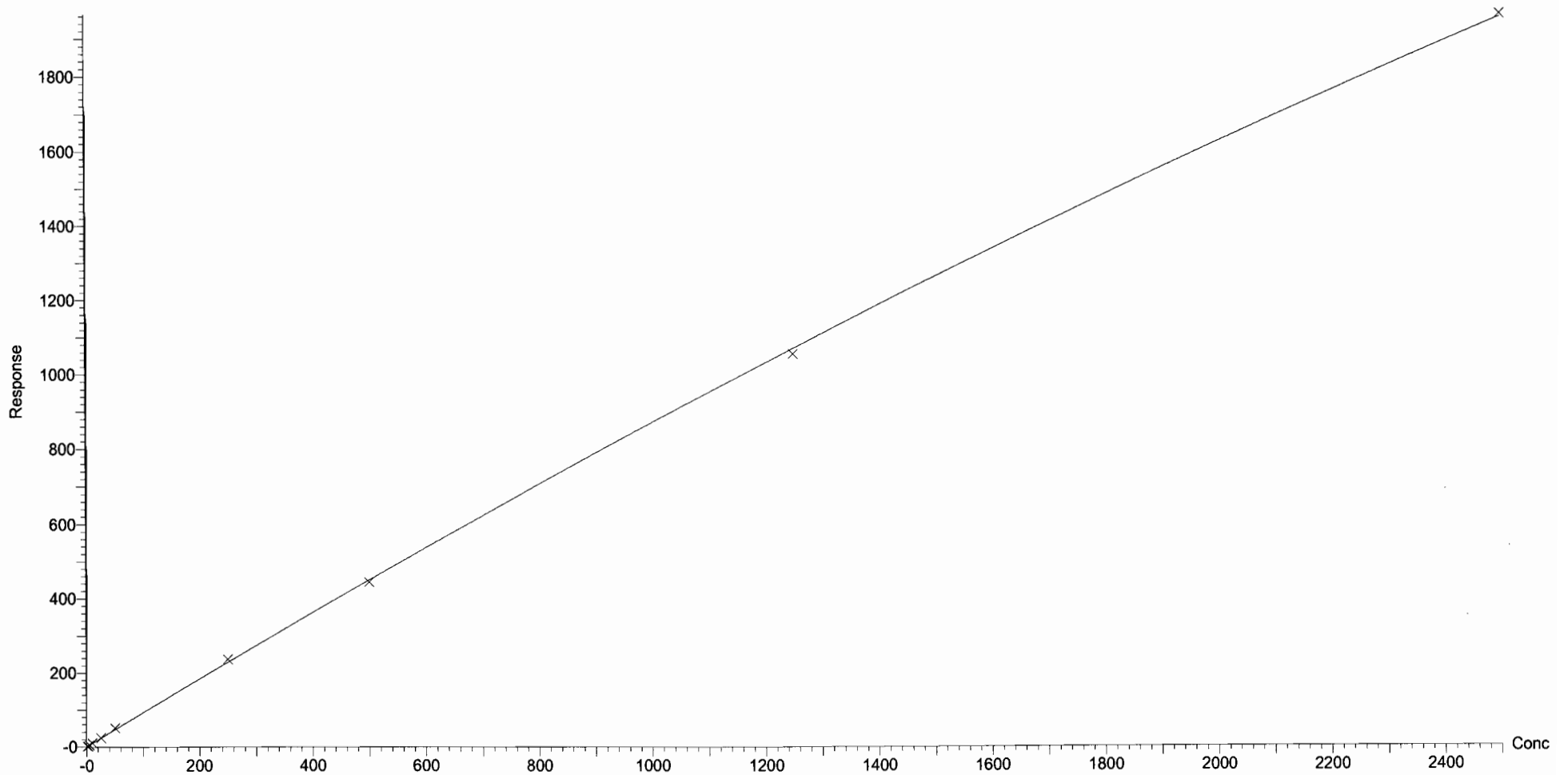
Compound name: N-EtFOSA

Coefficient of Determination: $R^2 = 0.999684$

Calibration curve: $-5.80992e-005 * x^2 + 0.927899 * x + 0.232976$

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

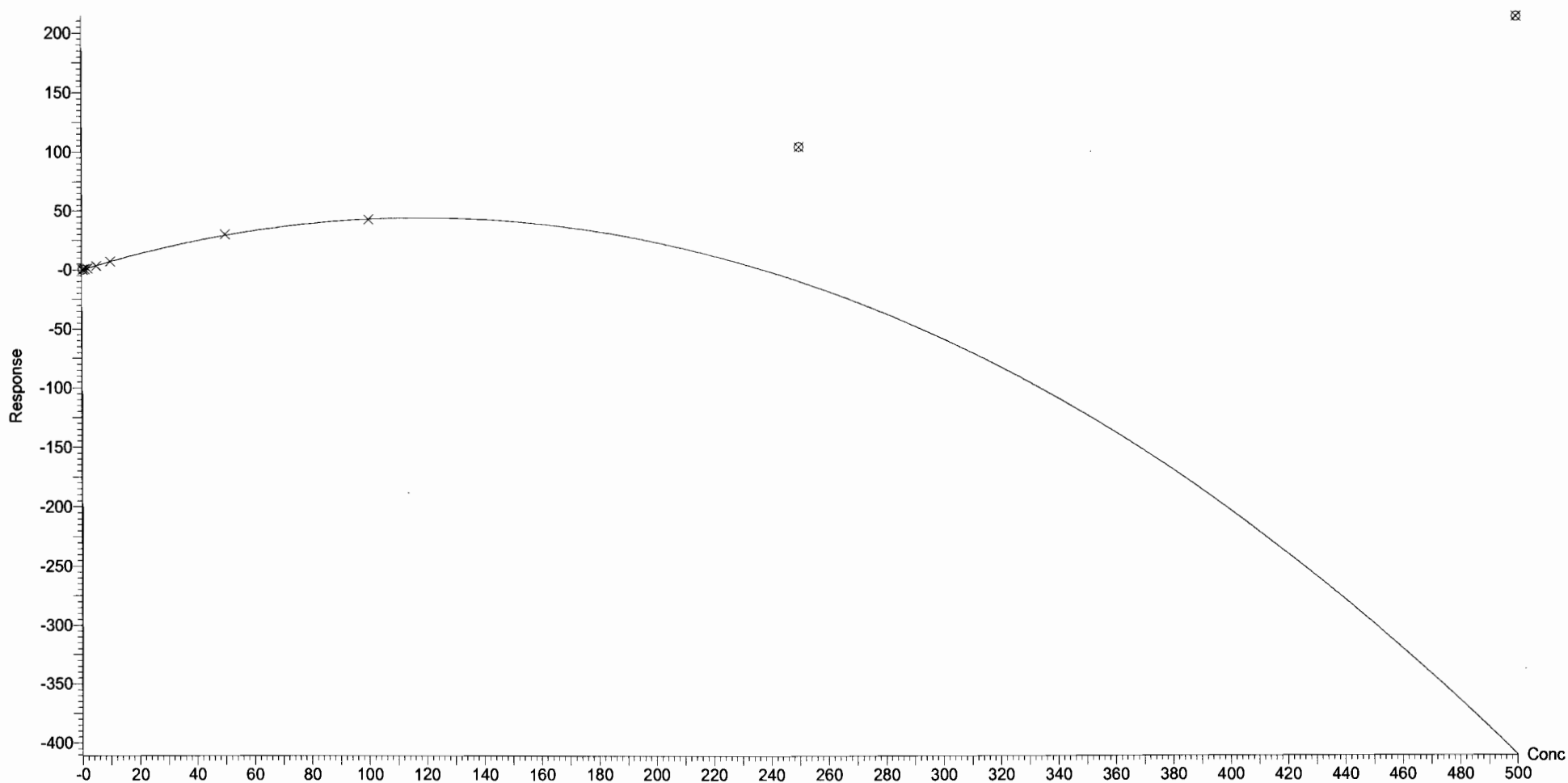
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.998624$

Calibration curve: $-0.00313125 * x^2 + 0.74485 * x + -0.160803$

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\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

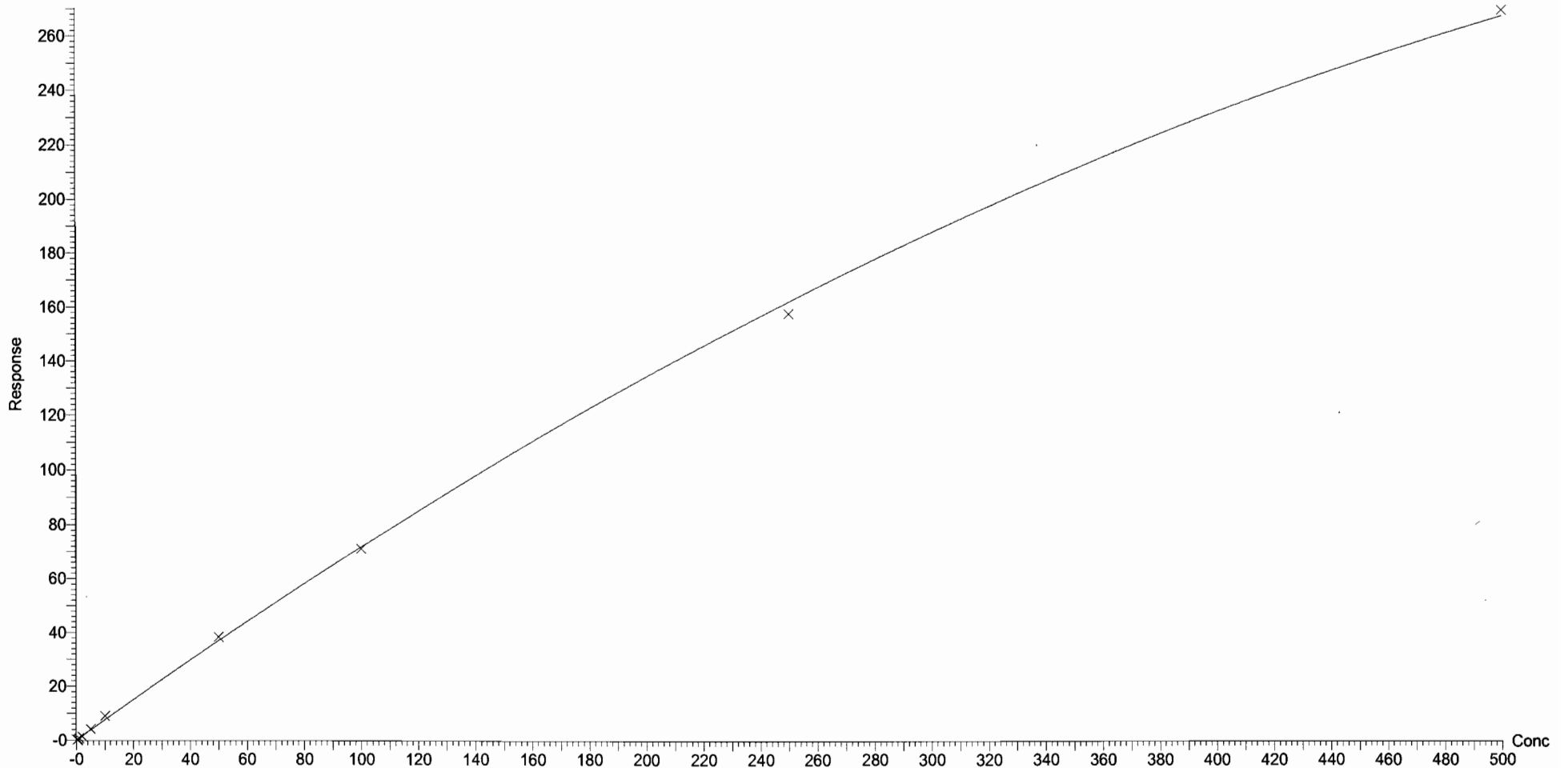
Compound name: PFODA

Coefficient of Determination: $R^2 = 0.998945$

Calibration curve: $-0.000452614 * x^2 + 0.762242 * x + 0.0254622$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

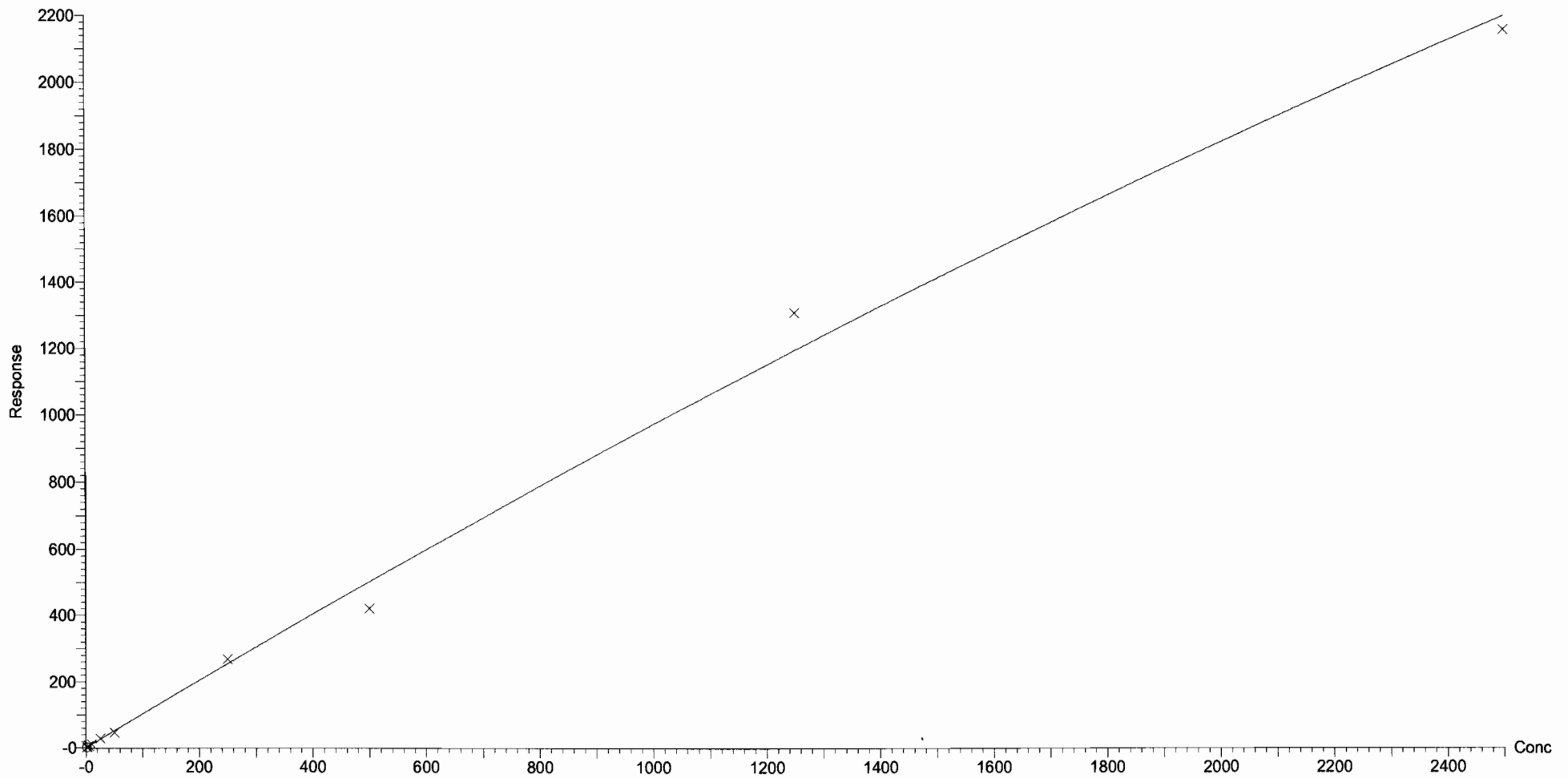
Compound name: N-MeFOSE

Coefficient of Determination: $R^2 = 0.993408$

Calibration curve: $-6.08443e-005 * x^2 + 1.03209 * x + 0.492632$

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\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:15:32 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:16:23 Pacific Standard Time

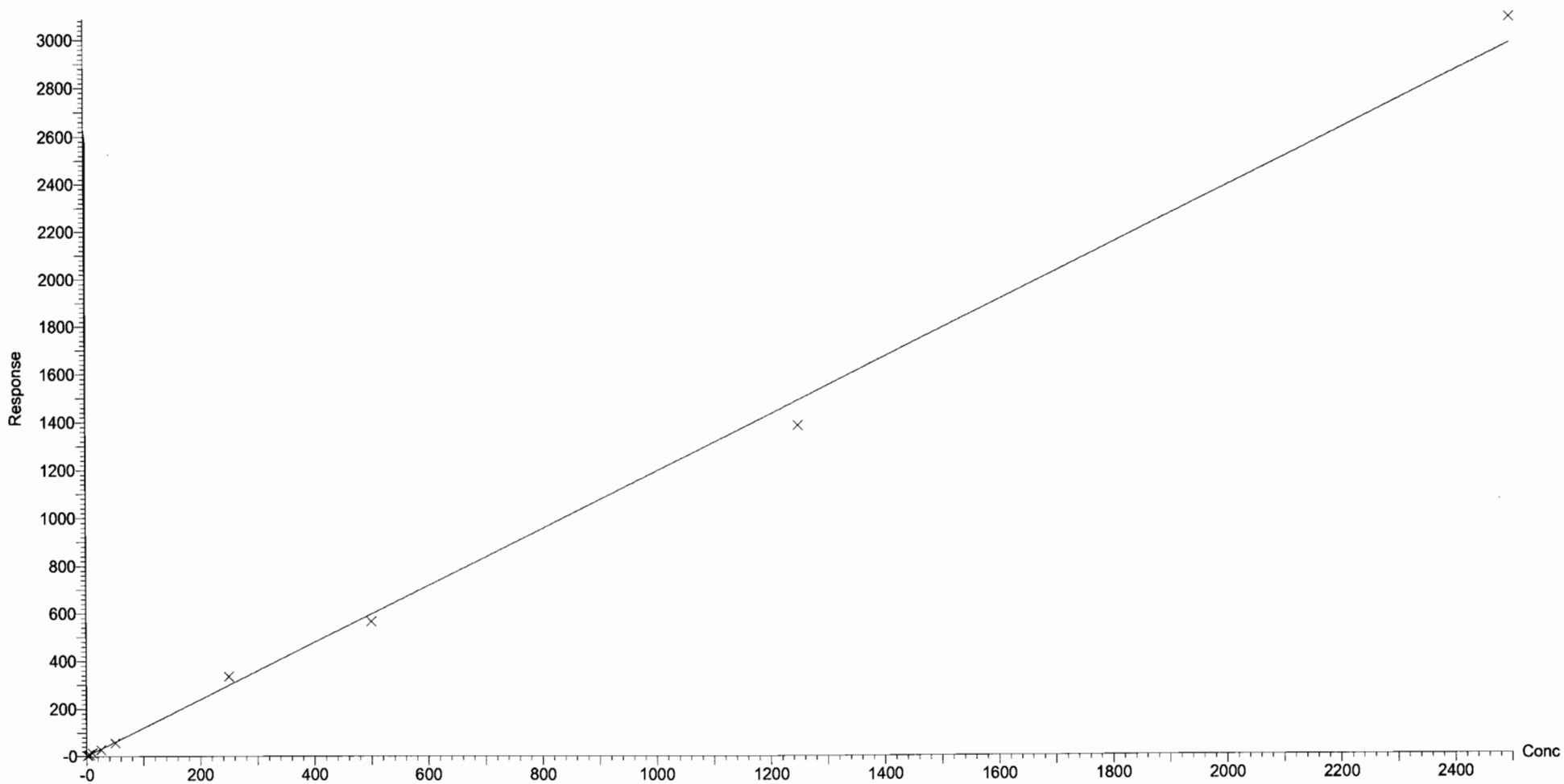
Compound name: N-EtFOSE

Correlation coefficient: $r = 0.998290$, $r^2 = 0.996584$

Calibration curve: $1.19143 * x + 0.336851$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

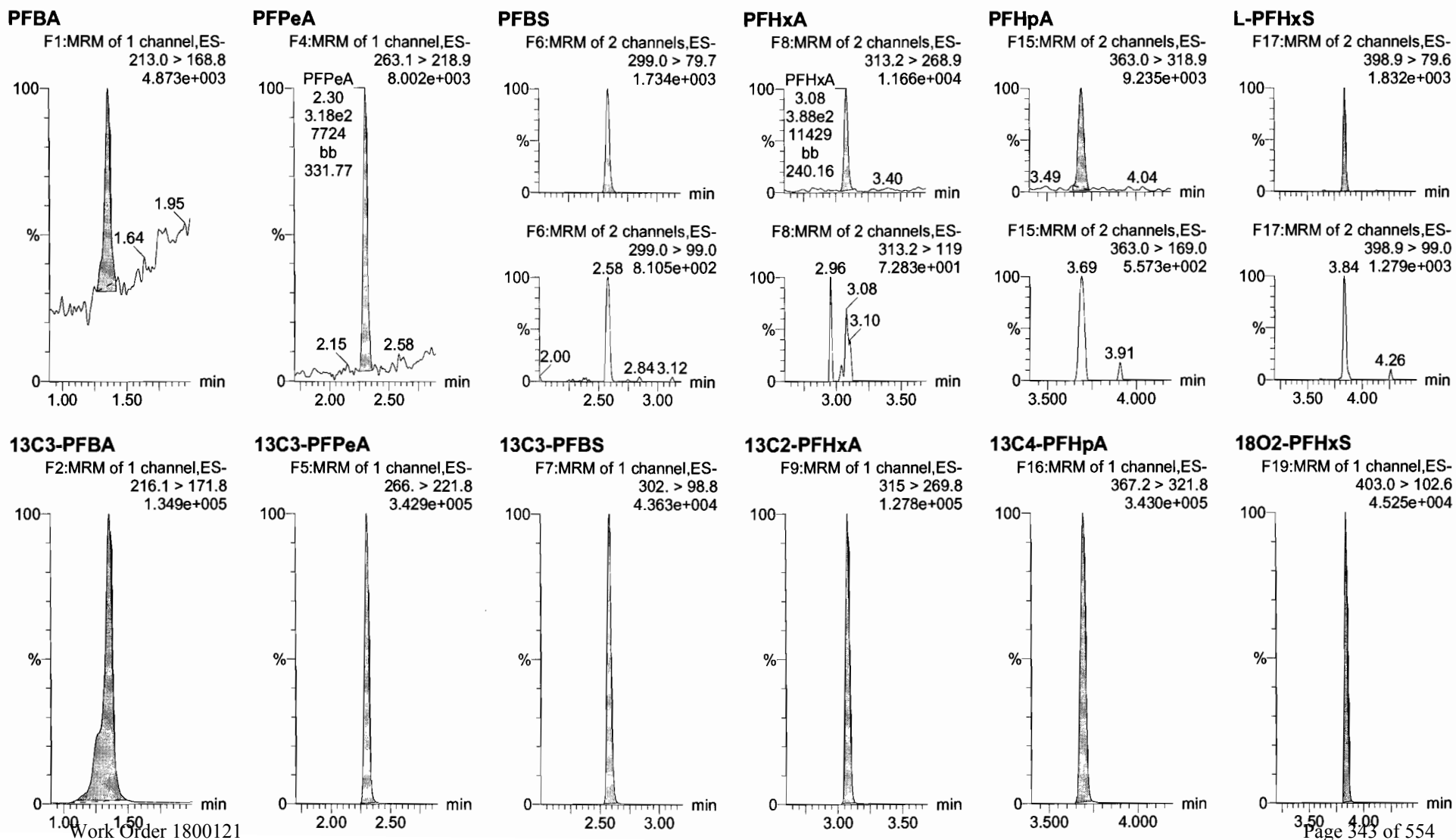
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 26 Jan 2018 09:01:53

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:01:26

Name: 180129M1_2, Date: 29-Jan-2018, Time: 10:27:35, ID: ST180129M1-1 PFC CS-2 18A1904, Description: PFC CS-2 18A1904



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

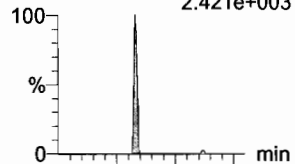
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

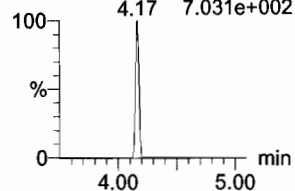
Name: 180129M1_2, Date: 29-Jan-2018, Time: 10:27:35, ID: ST180129M1-1 PFC CS-2 18A1904, Description: PFC CS-2 18A1904

6:2 FTS

F23:MRM of 2 channels,ES-
427.1 > 407
2.421e+003

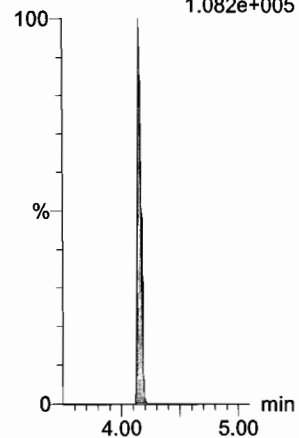


F23:MRM of 2 channels,ES-
427.1 > 80
7.031e+002



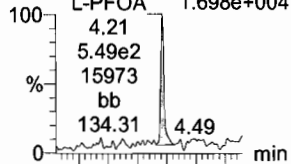
13C2-6:2 FTS

F24:MRM of 1 channel,ES-
429.1 > 408.9
1.082e+005

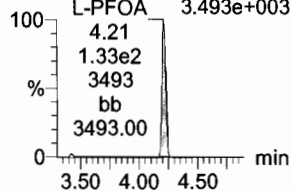


L-PFOA

F20:MRM of 2 channels,ES-
413 > 368.7
1.698e+004

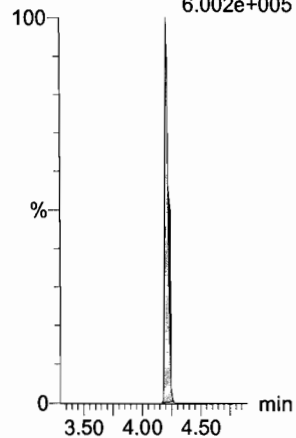


F20:MRM of 2 channels,ES-
413 > 169
3.493e+003



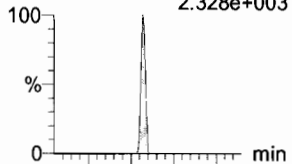
13C2-PFOA

F21:MRM of 1 channel,ES-
414.9 > 369.7
6.002e+005

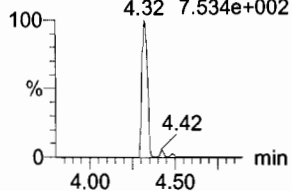


PFHpS

F25:MRM of 2 channels,ES-
449 > 80.0
2.328e+003

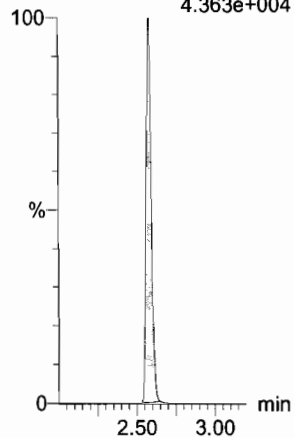


F25:MRM of 2 channels,ES-
449 > 98.7
7.534e+002



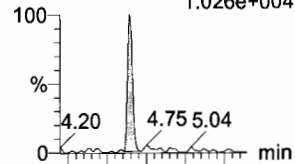
13C3-PFBS

F7:MRM of 1 channel,ES-
302. > 98.8
4.363e+004

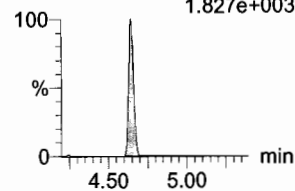


PFNA

F26:MRM of 2 channels,ES-
463.0 > 418.8
1.026e+004

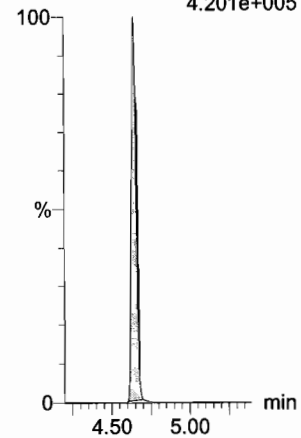


F26:MRM of 2 channels,ES-
463.0 > 219.0
1.827e+003



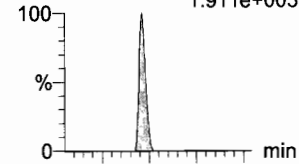
13C5-PFNA

F27:MRM of 1 channel,ES-
468.2 > 422.9
4.201e+005

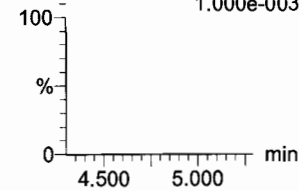


PFOSA

F29:MRM of 2 channels,ES-
498.1 > 77.8
1.911e+003

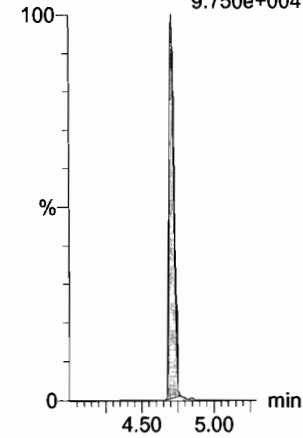


F29:MRM of 2 channels,ES-
498.1 > 478
1.000e+003



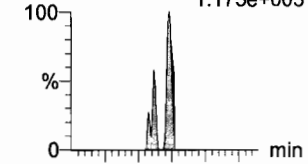
13C8-PFOA

F33:MRM of 1 channel,ES-
506.1 > 77.7
9.750e+004

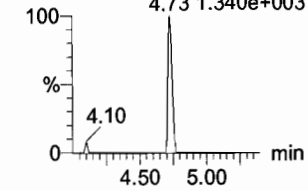


L-PFOS

F31:MRM of 2 channels,ES-
499 > 79.9
1.175e+003

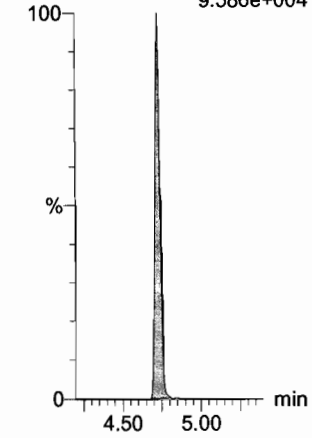


F31:MRM of 2 channels,ES-
499 > 99
1.340e+003



13C8-PFOS

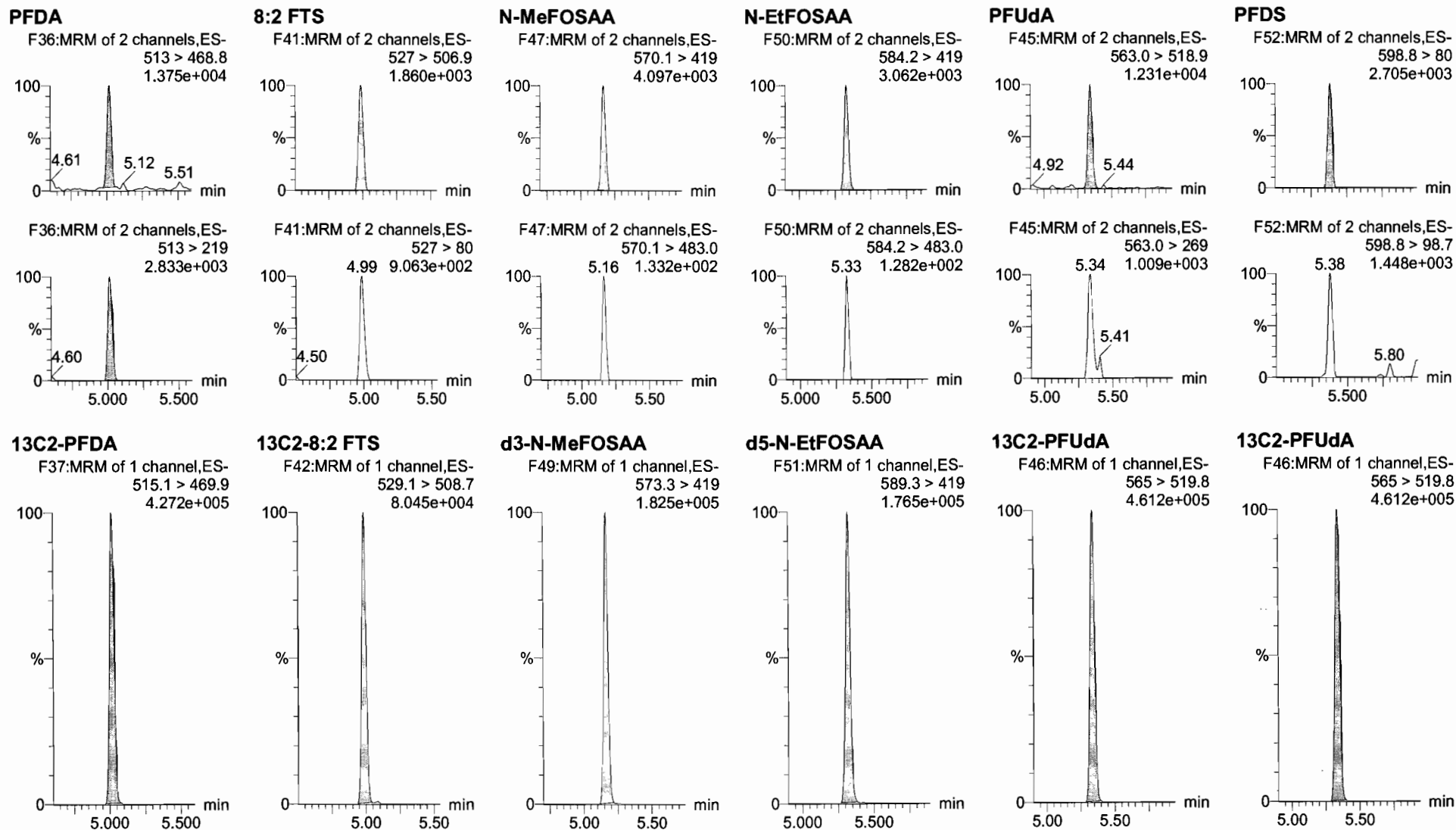
F34:MRM of 1 channel,ES-
507.0 > 79.9
9.586e+004



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

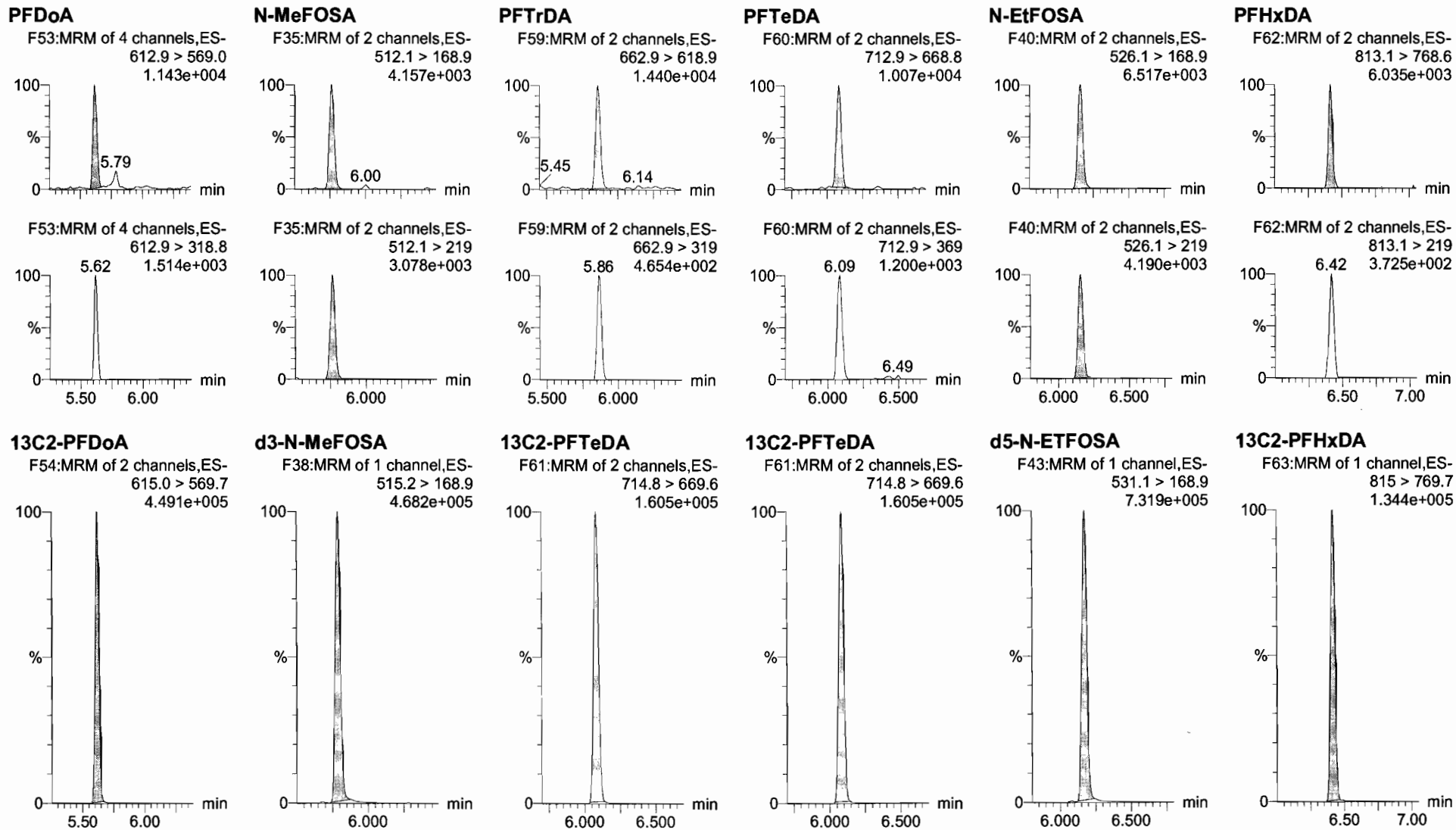
Name: 180129M1_2, Date: 29-Jan-2018, Time: 10:27:35, ID: ST180129M1-1 PFC CS-2 18A1904, Description: PFC CS-2 18A1904



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

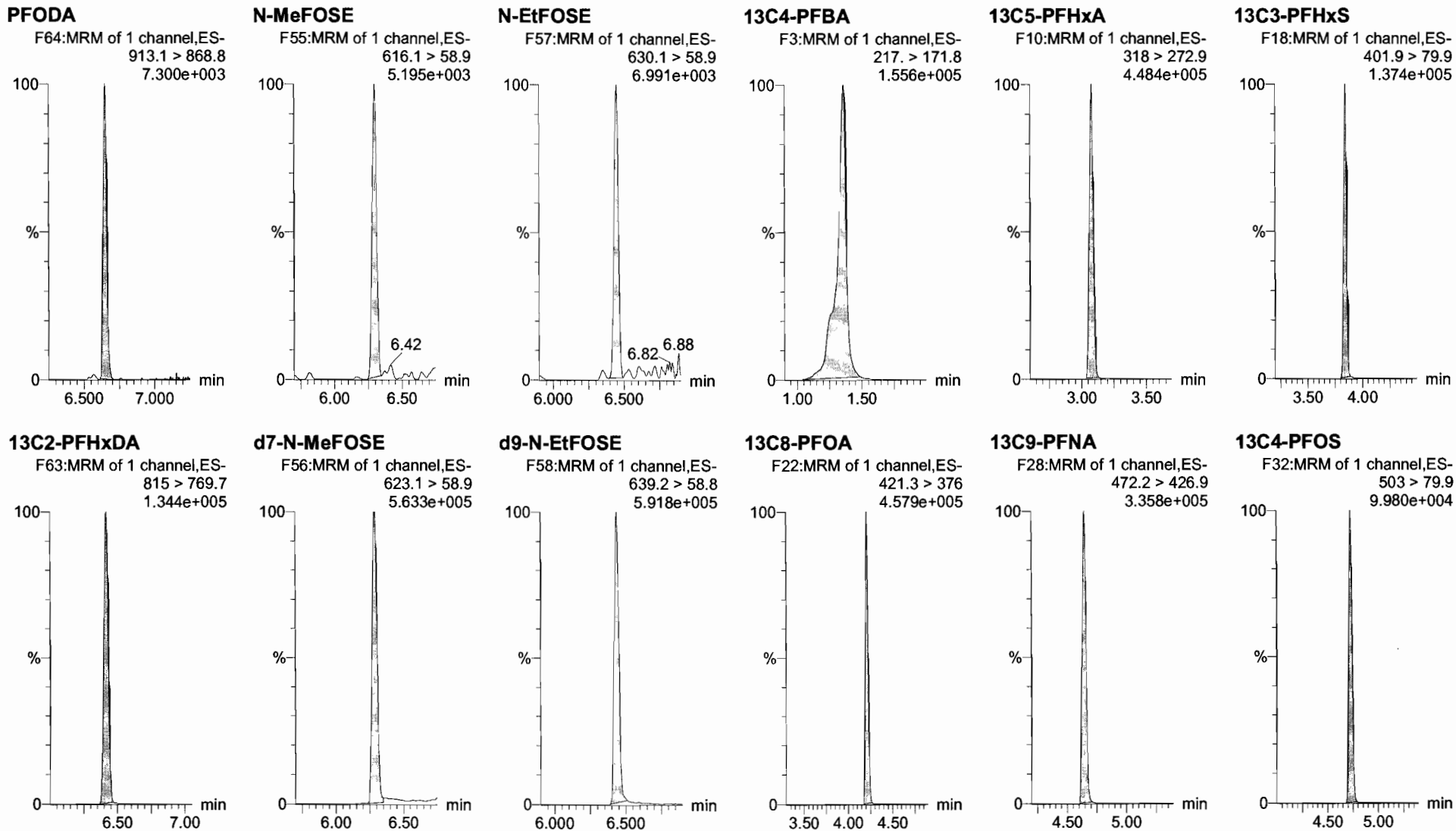
Name: 180129M1_2, Date: 29-Jan-2018, Time: 10:27:35, ID: ST180129M1-1 PFC CS-2 18A1904, Description: PFC CS-2 18A1904



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_2, Date: 29-Jan-2018, Time: 10:27:35, ID: ST180129M1-1 PFC CS-2 18A1904, Description: PFC CS-2 18A1904



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

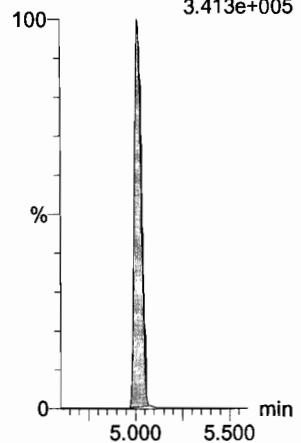
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_2, Date: 29-Jan-2018, Time: 10:27:35, ID: ST180129M1-1 PFC CS-2 18A1904, Description: PFC CS-2 18A1904

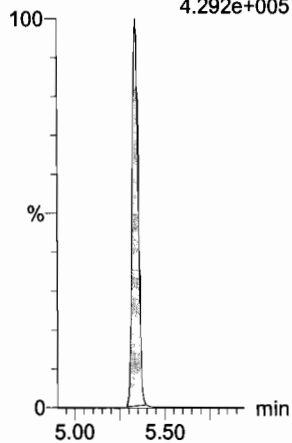
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
3.413e+005



13C7-PFUdA

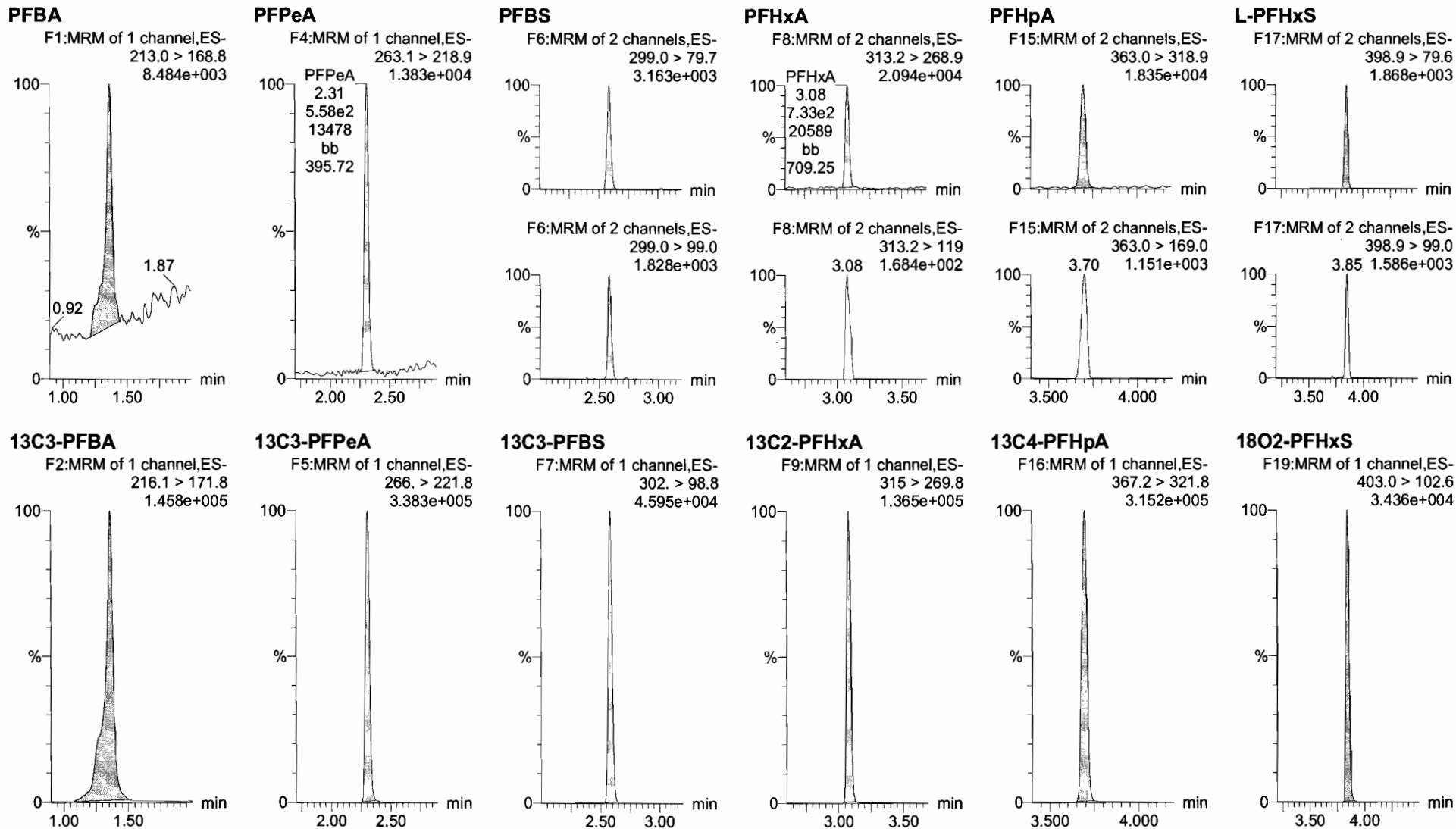
F48:MRM of 1 channel,ES-
570.1 > 524.8
4.292e+005



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_3, Date: 29-Jan-2018, Time: 10:39:02, ID: ST180129M1-2 PFC CS-1 18A1905, Description: PFC CS-1 18A1905

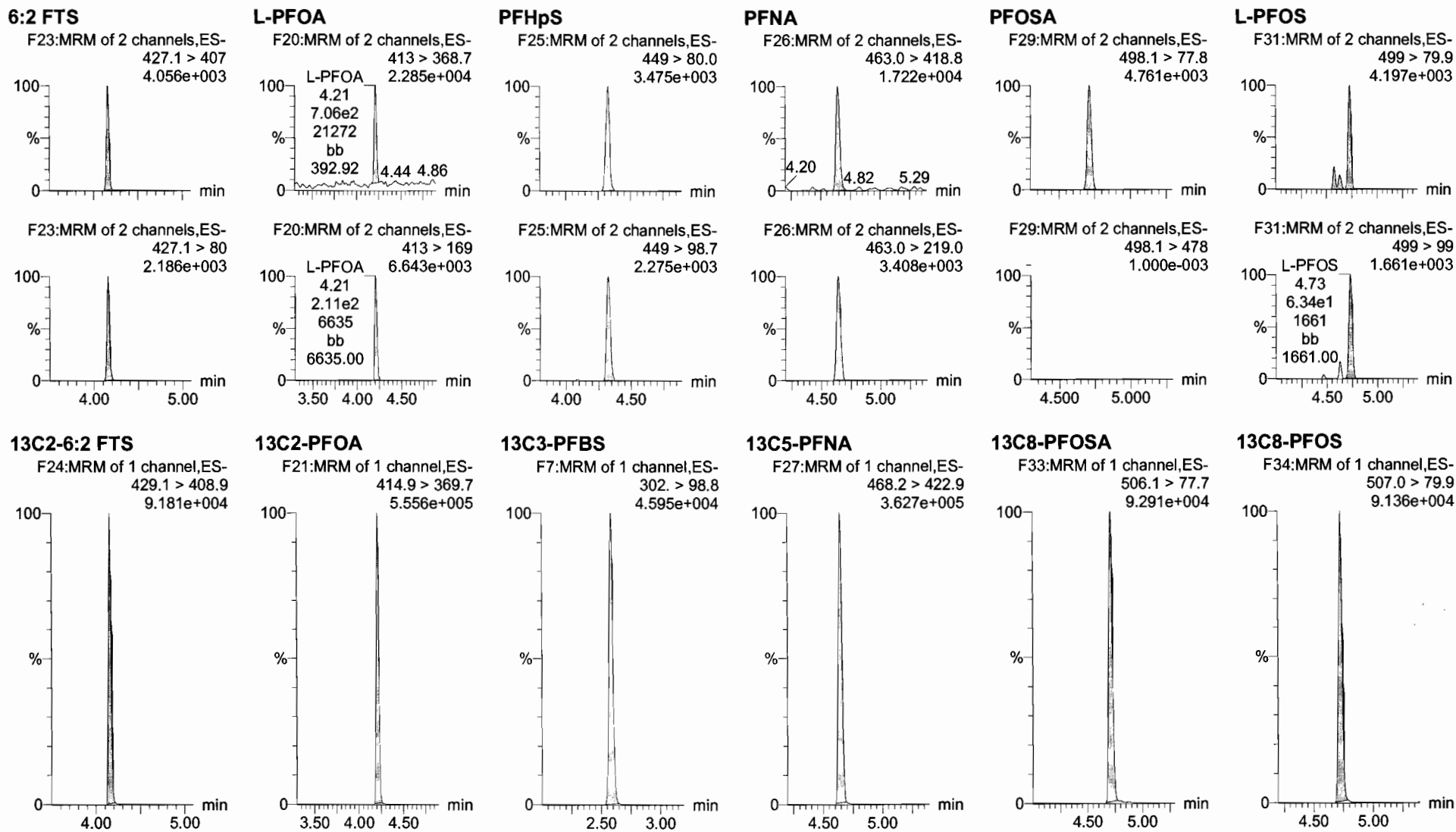


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_3, Date: 29-Jan-2018, Time: 10:39:02, ID: ST180129M1-2 PFC CS-1 18A1905, Description: PFC CS-1 18A1905



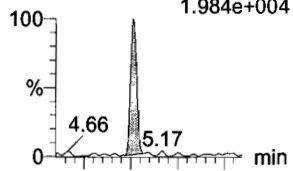
Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

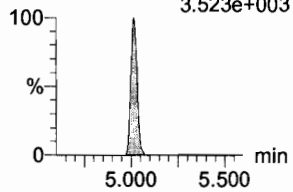
Name: 180129M1_3, Date: 29-Jan-2018, Time: 10:39:02, ID: ST180129M1-2 PFC CS-1 18A1905, Description: PFC CS-1 18A1905

PFDA

F36:MRM of 2 channels,ES-
513 > 468.8
1.984e+004

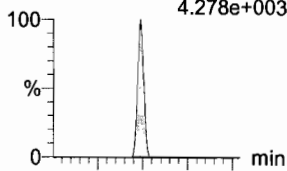


F36:MRM of 2 channels,ES-
513 > 219
3.523e+003

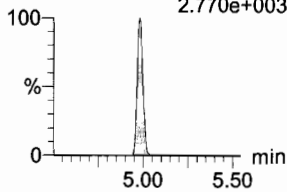


8:2 FTS

F41:MRM of 2 channels,ES-
527 > 506.9
4.278e+003

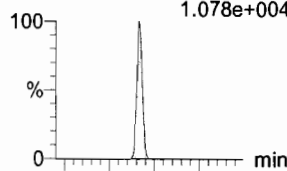


F41:MRM of 2 channels,ES-
527 > 80
2.770e+003

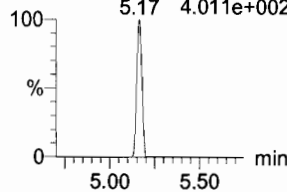


N-MeFOSAA

F47:MRM of 2 channels,ES-
570.1 > 419
1.078e+004

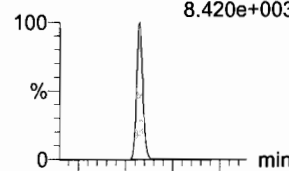


F47:MRM of 2 channels,ES-
570.1 > 483.0
4.011e+002

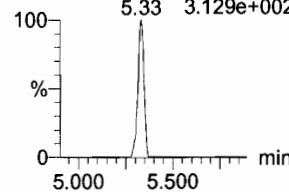


N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
8.420e+003

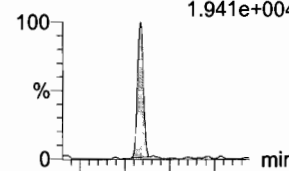


F50:MRM of 2 channels,ES-
584.2 > 483.0
3.129e+002

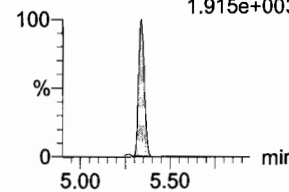


PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
1.941e+004

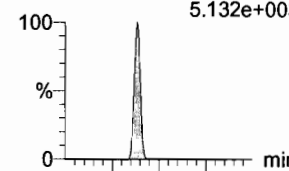


F45:MRM of 2 channels,ES-
563.0 > 269
1.915e+003

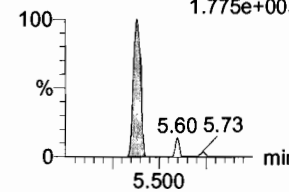


PFDS

F52:MRM of 2 channels,ES-
598.8 > 80
5.132e+003

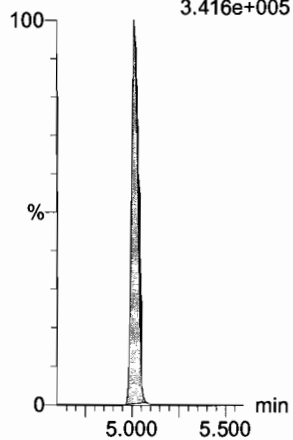


F52:MRM of 2 channels,ES-
598.8 > 98.7
1.775e+003



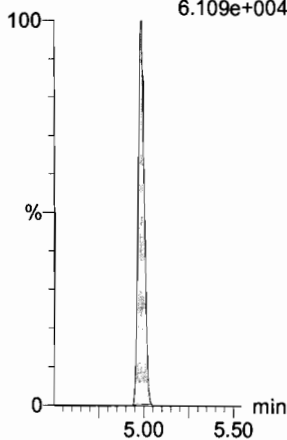
13C2-PFDA

F37:MRM of 1 channel,ES-
515.1 > 469.9
3.416e+005



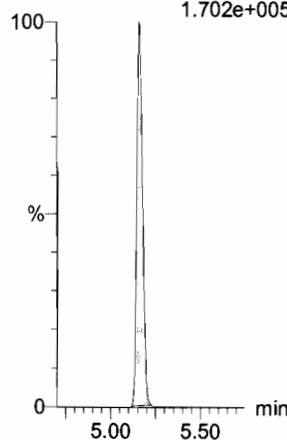
13C2-8:2 FTS

F42:MRM of 1 channel,ES-
529.1 > 508.7
6.109e+004



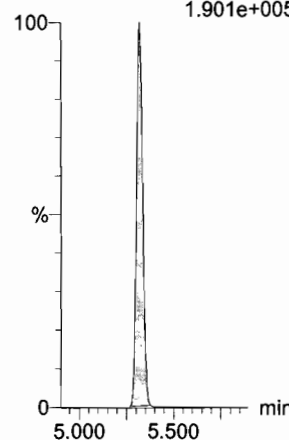
d3-N-MeFOSAA

F49:MRM of 1 channel,ES-
573.3 > 419
1.702e+005



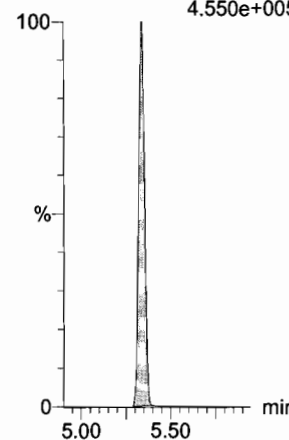
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
1.901e+005



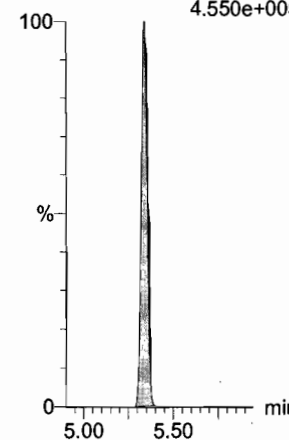
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
4.550e+005



13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
4.550e+005

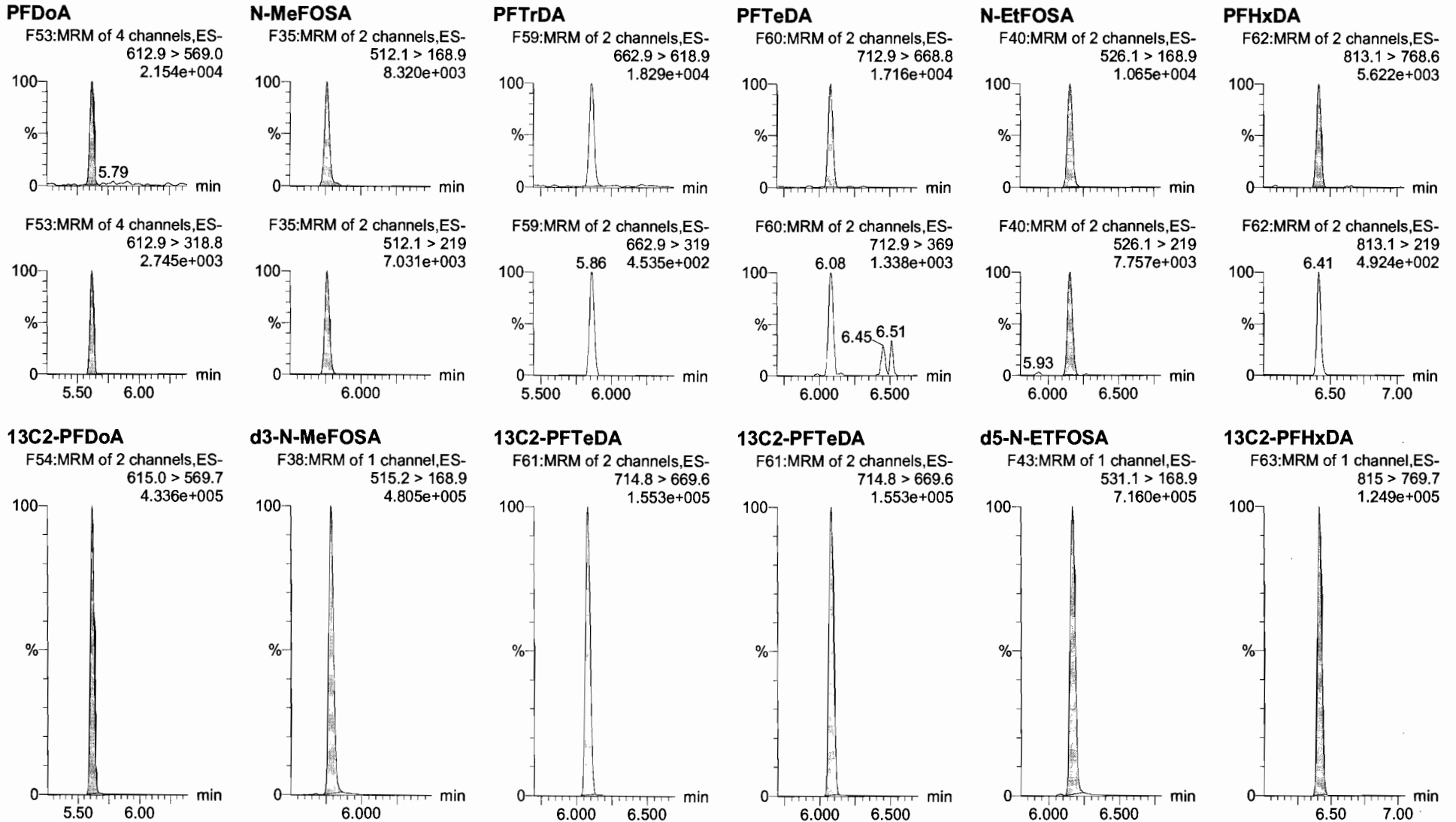


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_3, Date: 29-Jan-2018, Time: 10:39:02, ID: ST180129M1-2 PFC CS-1 18A1905, Description: PFC CS-1 18A1905



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

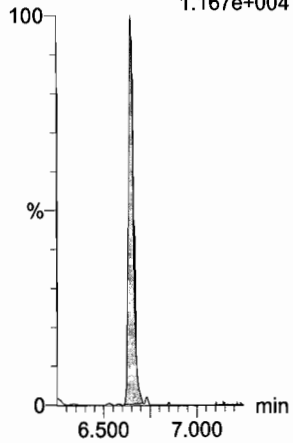
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_3, Date: 29-Jan-2018, Time: 10:39:02, ID: ST180129M1-2 PFC CS-1 18A1905, Description: PFC CS-1 18A1905

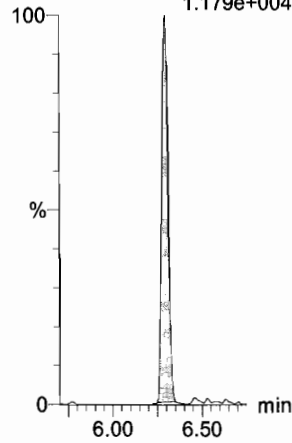
PFODA

F64:MRM of 1 channel,ES-
913.1 > 868.8
1.167e+004



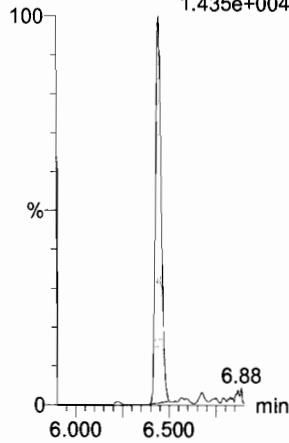
N-MeFOSE

F55:MRM of 1 channel,ES-
616.1 > 58.9
1.179e+004



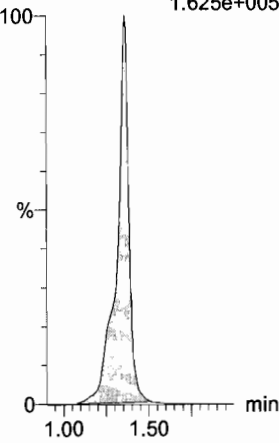
N-EtFOSE

F57:MRM of 1 channel,ES-
630.1 > 58.9
1.435e+004



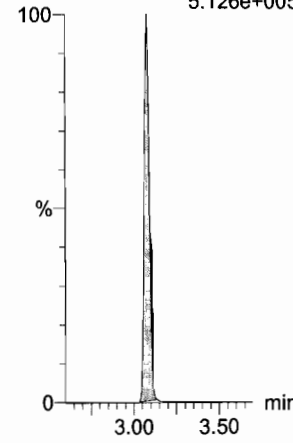
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.625e+005



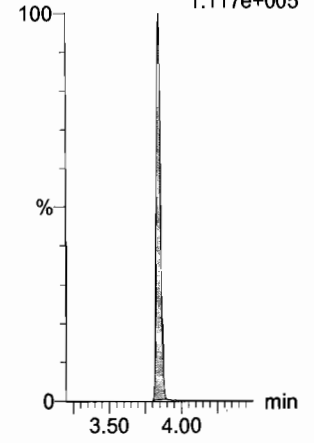
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
5.126e+005



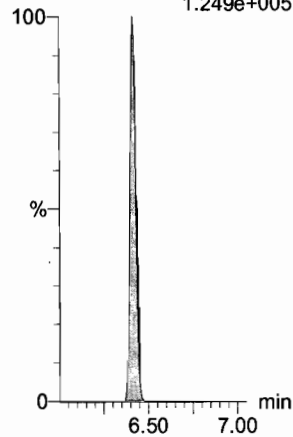
13C3-PFHxA

F18:MRM of 1 channel,ES-
401.9 > 79.9
1.117e+005



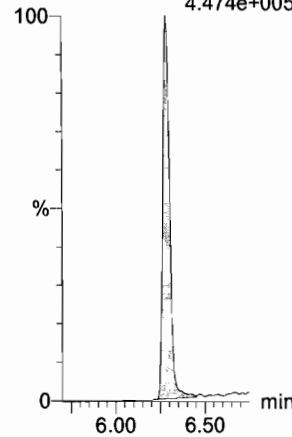
13C2-PFHxDA

F63:MRM of 1 channel,ES-
815 > 769.7
1.249e+005



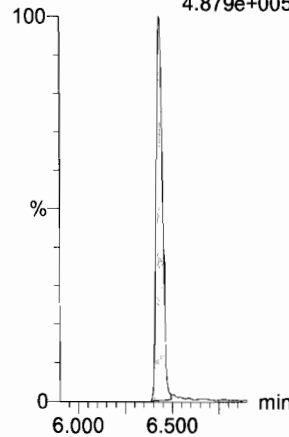
d7-N-MeFOSE

F56:MRM of 1 channel,ES-
623.1 > 58.9
4.474e+005



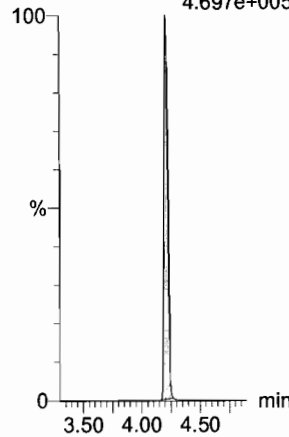
d9-N-EtFOSE

F58:MRM of 1 channel,ES-
639.2 > 58.8
4.879e+005



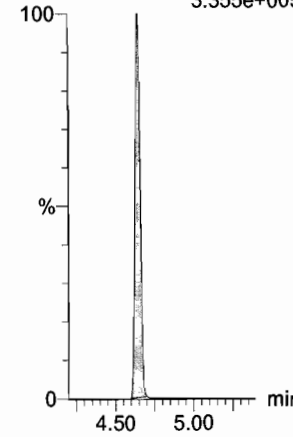
13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
4.697e+005



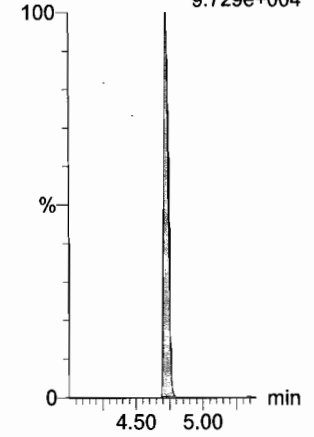
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
3.355e+005



13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
9.729e+004



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

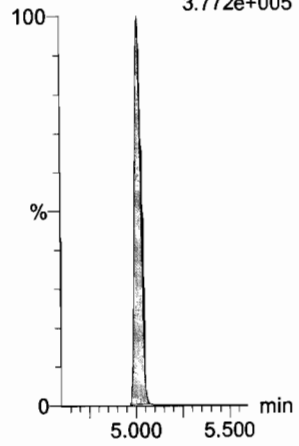
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_3, Date: 29-Jan-2018, Time: 10:39:02, ID: ST180129M1-2 PFC CS-1 18A1905, Description: PFC CS-1 18A1905

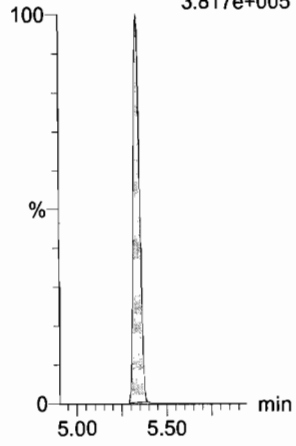
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
3.772e+005



13C7-PFUdA

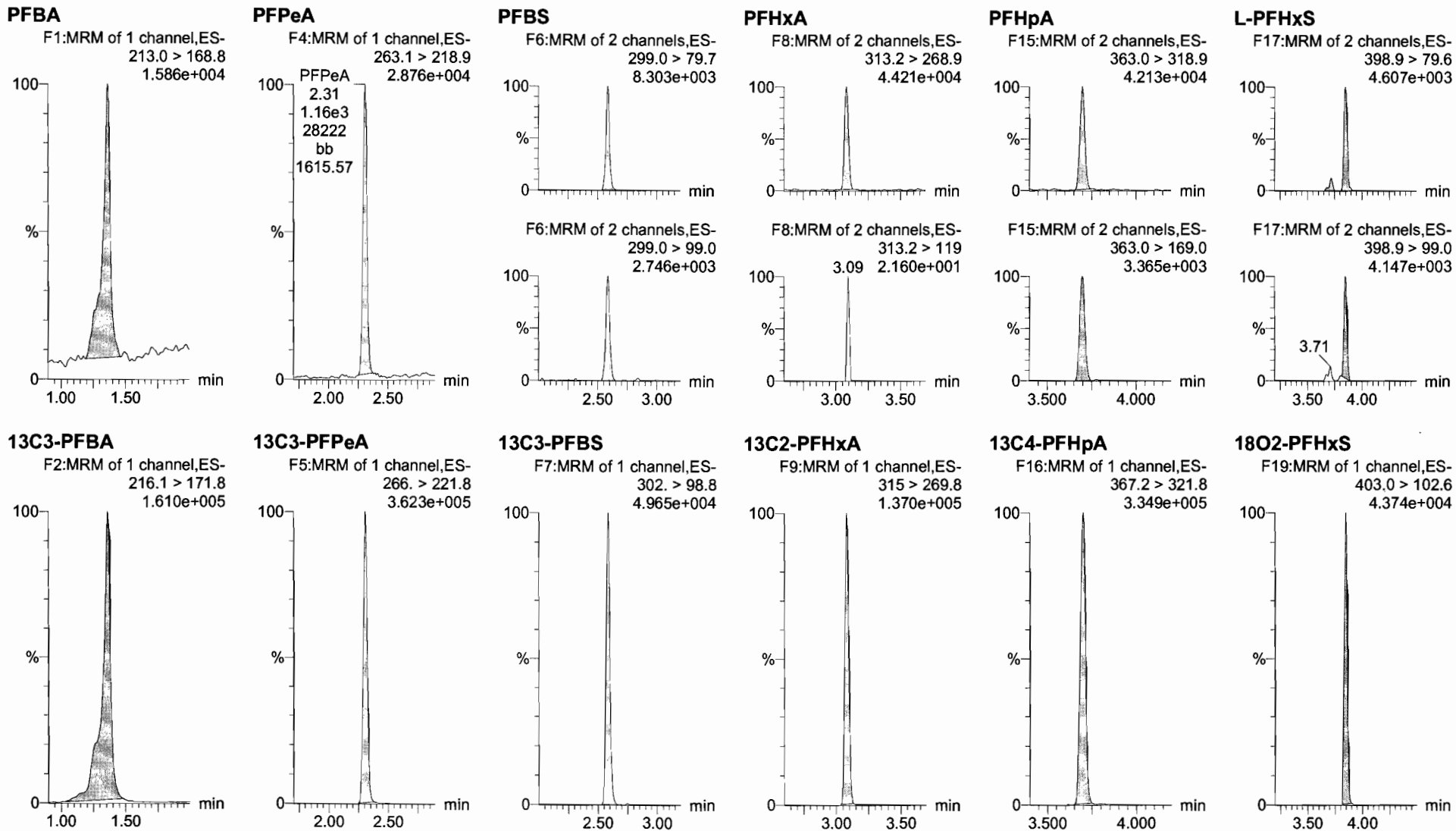
F48:MRM of 1 channel,ES-
570.1 > 524.8
3.817e+005



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

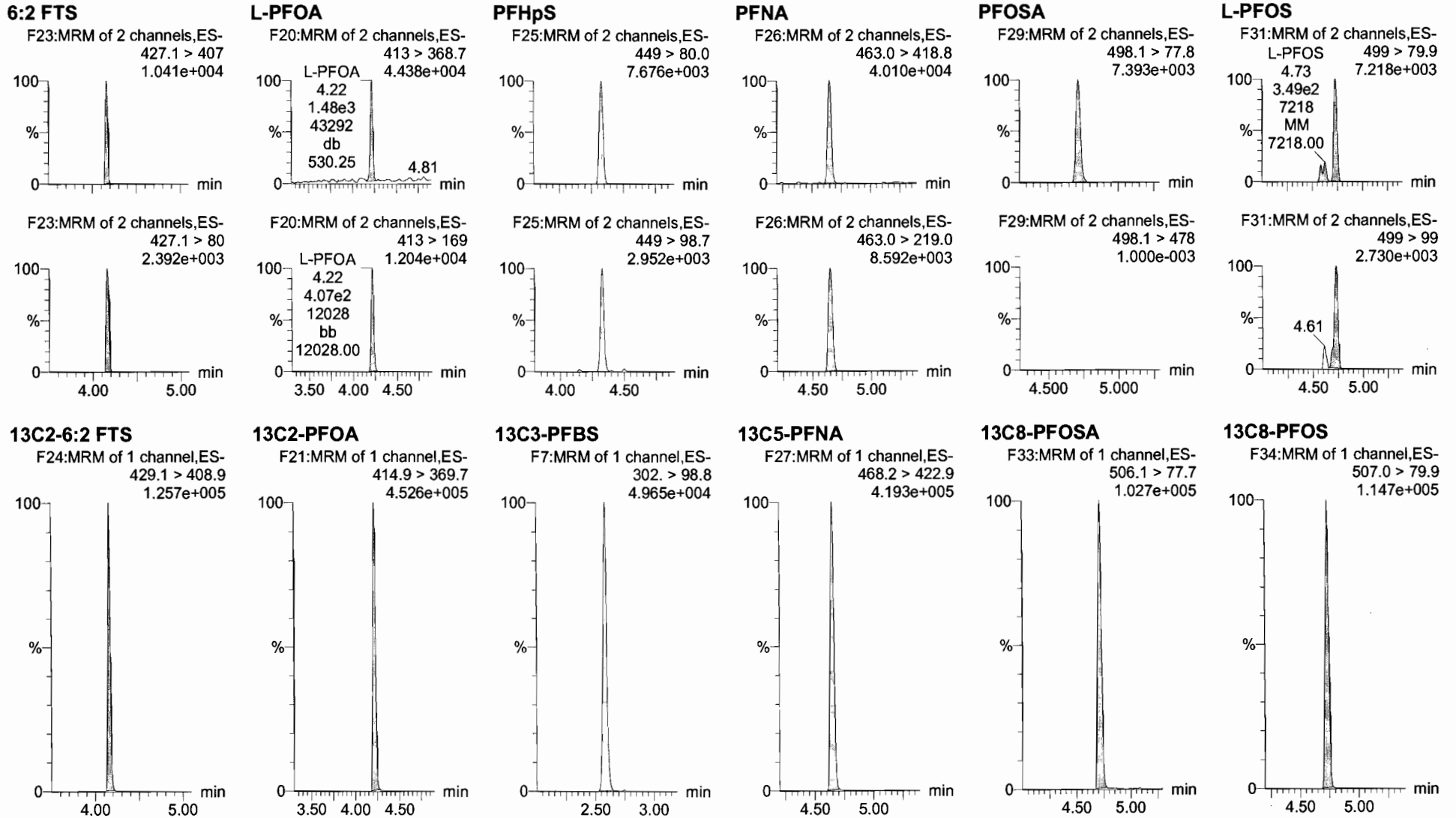
Name: 180129M1_4, Date: 29-Jan-2018, Time: 10:50:31, ID: ST180129M1-3 PFC CS0 18A1906, Description: PFC CS0 18A1906



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_4, Date: 29-Jan-2018, Time: 10:50:31, ID: ST180129M1-3 PFC CS0 18A1906, Description: PFC CS0 18A1906

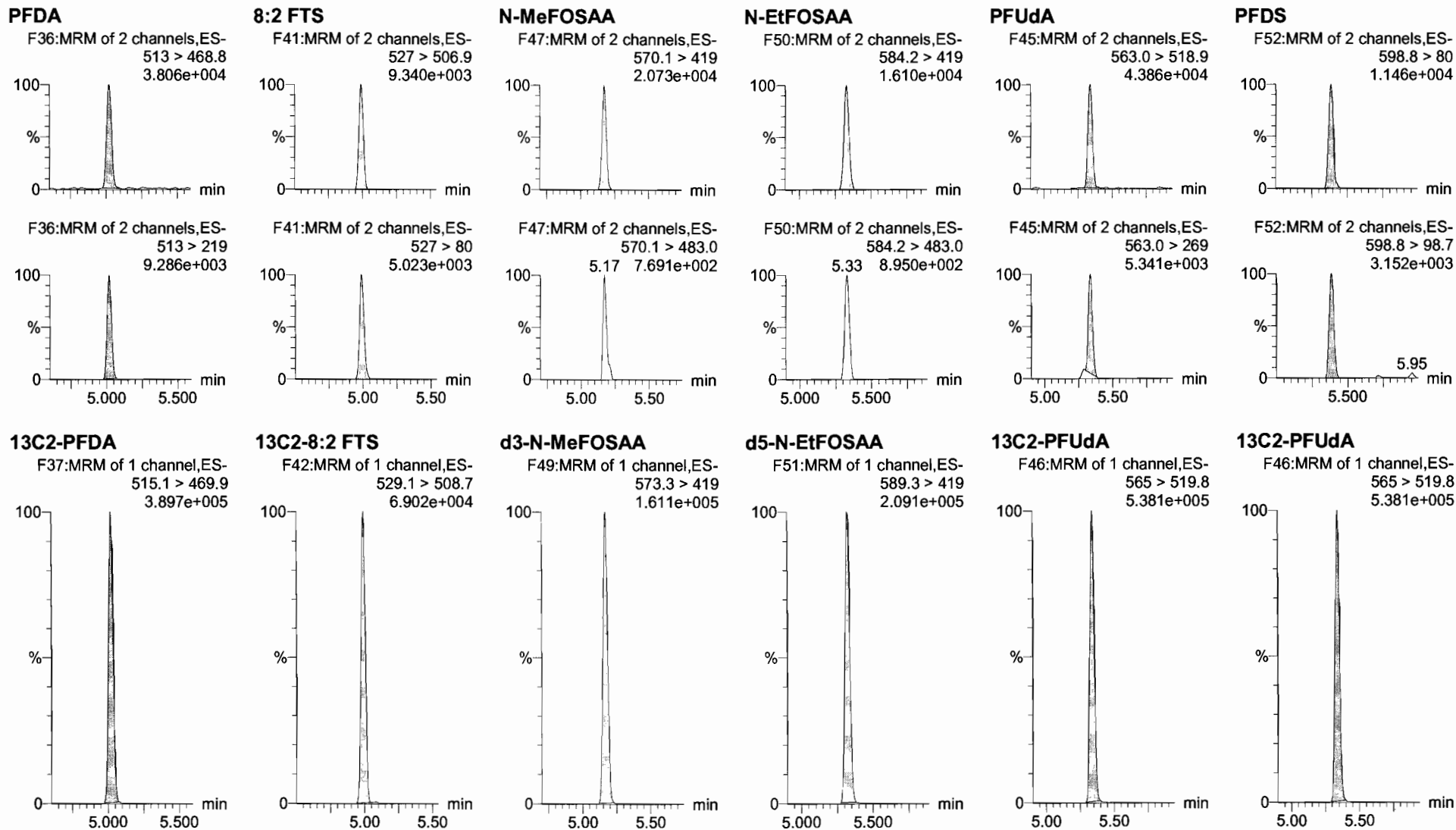


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

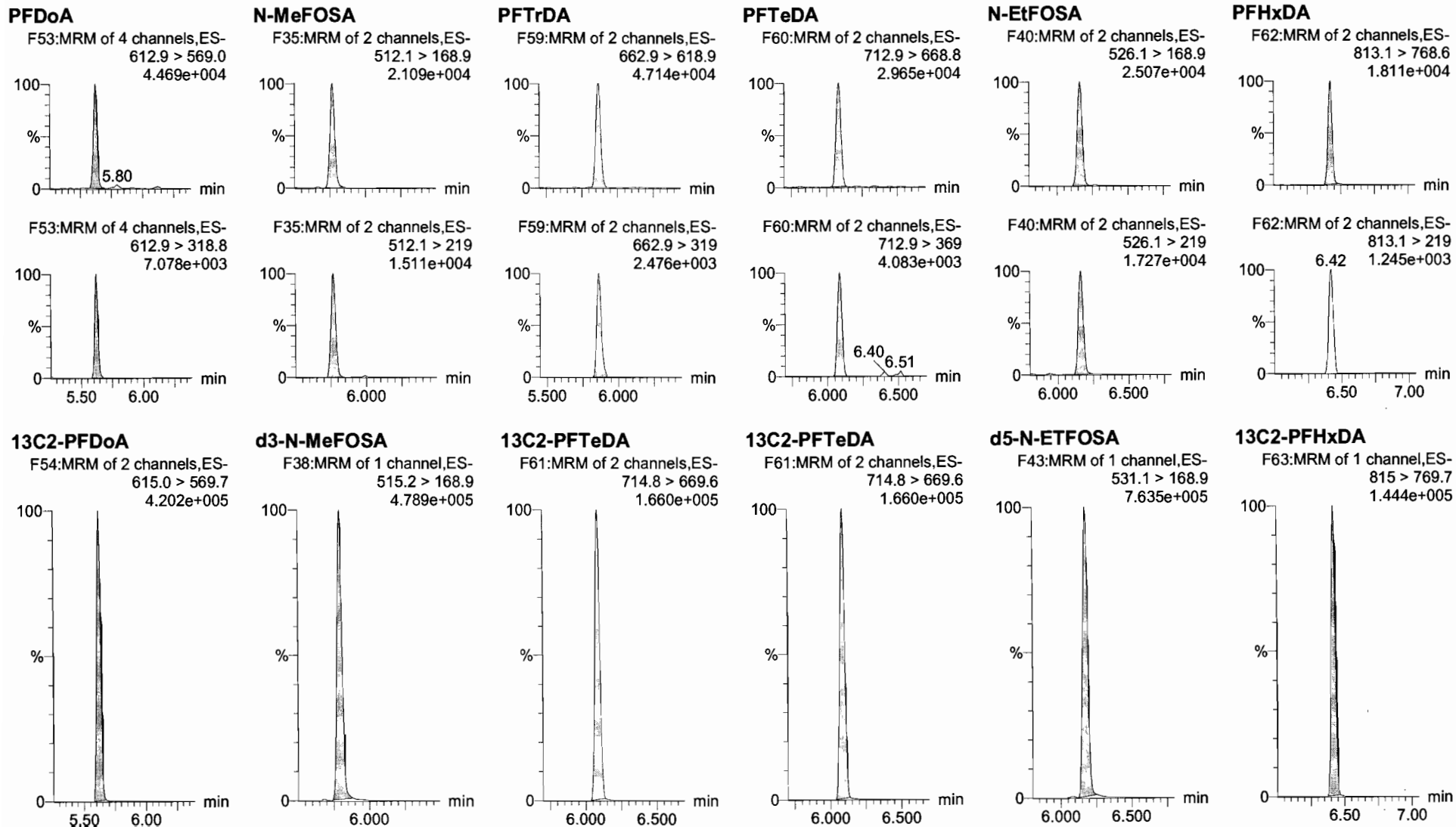
Name: 180129M1_4, Date: 29-Jan-2018, Time: 10:50:31, ID: ST180129M1-3 PFC CS0 18A1906, Description: PFC CS0 18A1906



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

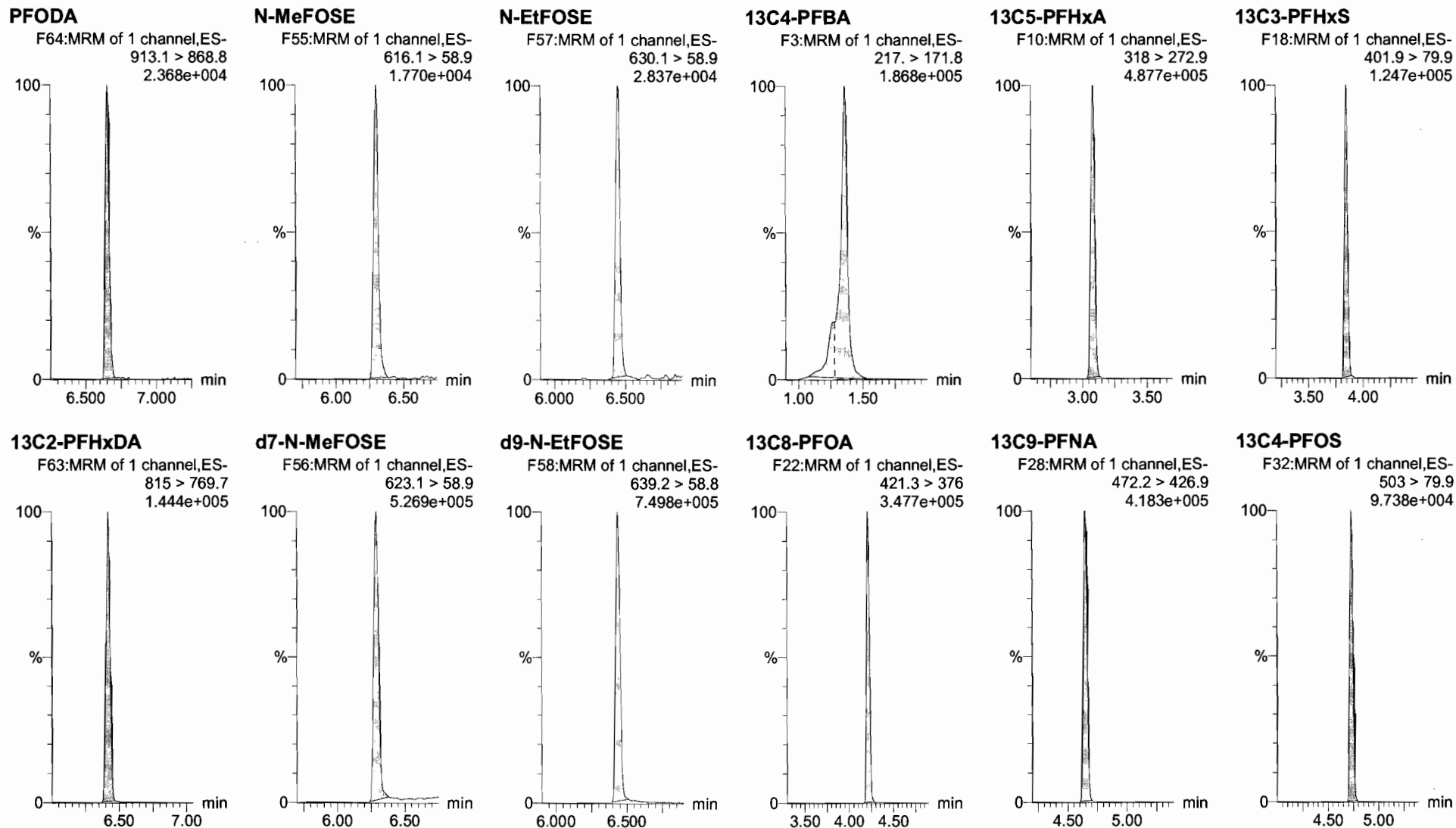
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Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_4, Date: 29-Jan-2018, Time: 10:50:31, ID: ST180129M1-3 PFC CS0 18A1906, Description: PFC CS0 18A1906



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

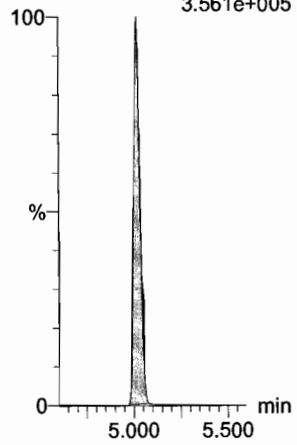
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Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

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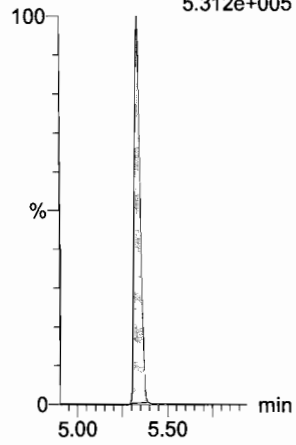
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
3.561e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8
5.312e+005



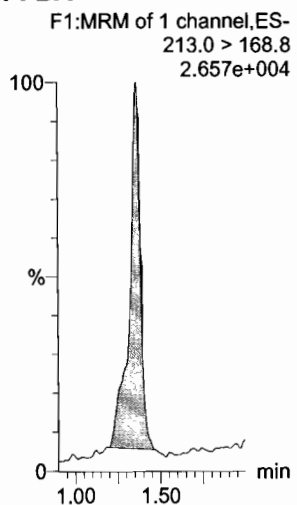
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Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

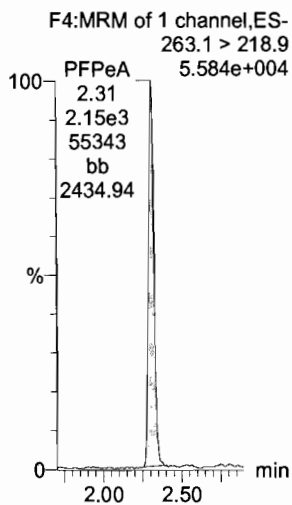
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_5, Date: 29-Jan-2018, Time: 11:02:00, ID: ST180129M1-4 PFC CS1 18A1907, Description: PFC CS1 18A1907

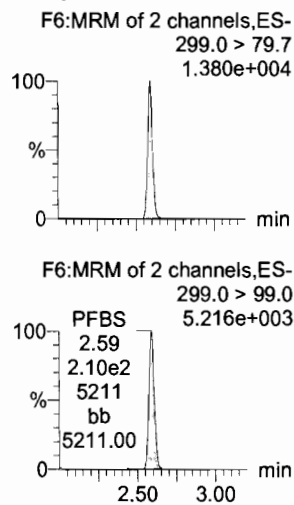
PFBA



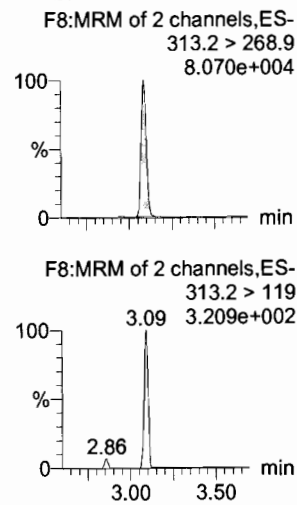
PFPeA



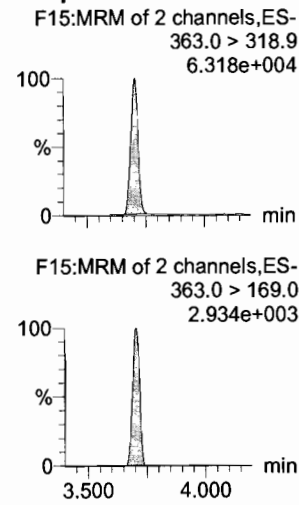
PFBS



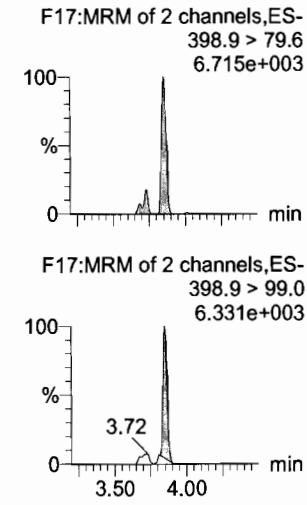
PFHxA



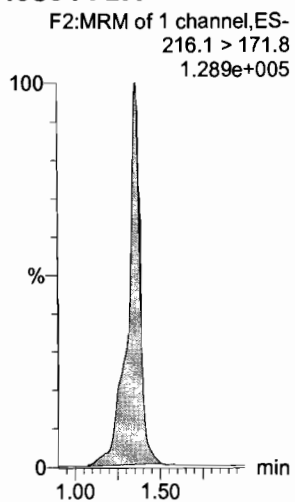
PFHpA



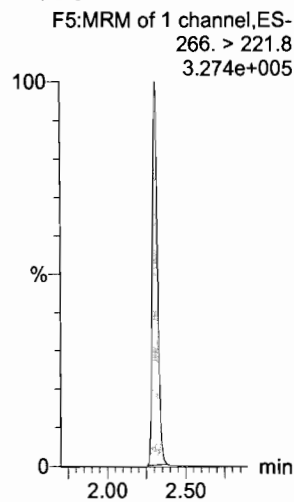
L-PFHxS



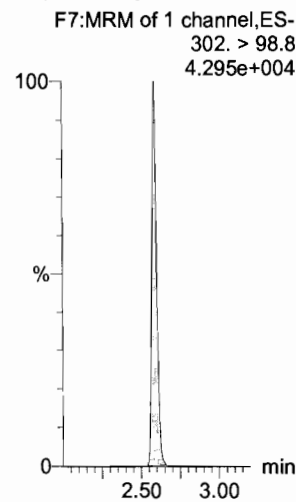
13C3-PFBA



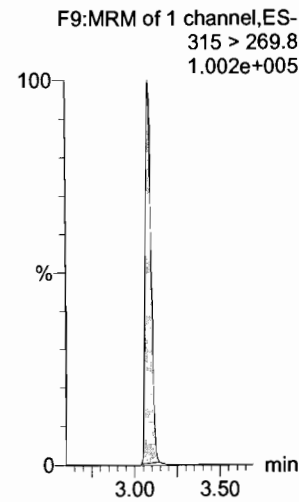
13C3-PFPeA



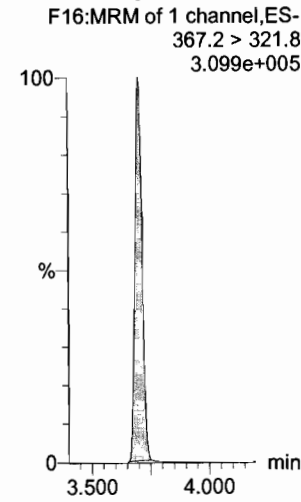
13C3-PFBS



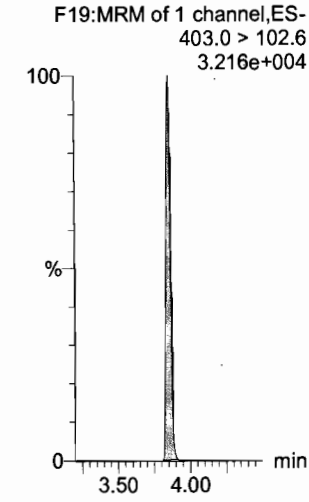
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS

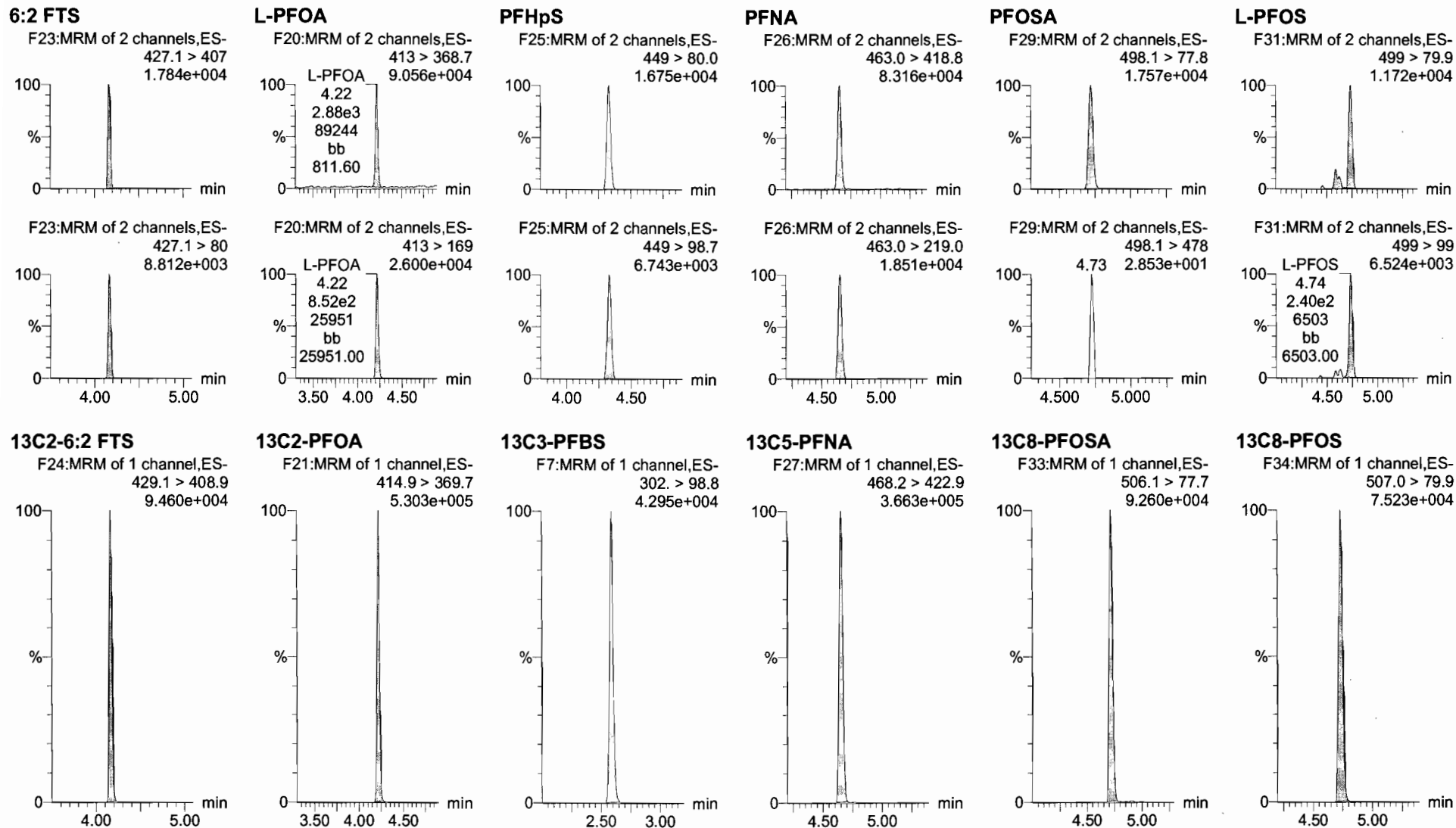


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

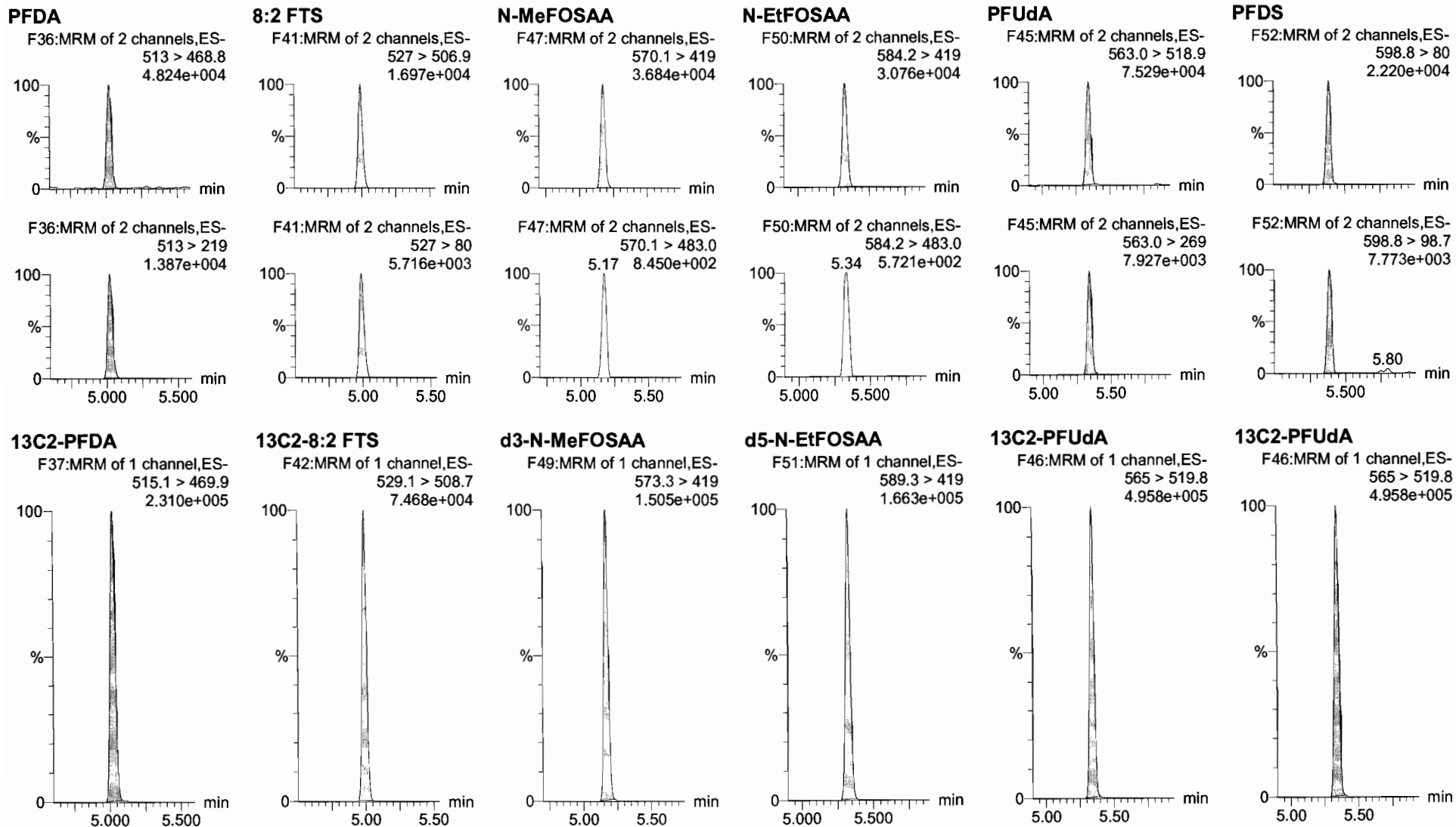
Name: 180129M1_5, Date: 29-Jan-2018, Time: 11:02:00, ID: ST180129M1-4 PFC CS1 18A1907, Description: PFC CS1 18A1907



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_5, Date: 29-Jan-2018, Time: 11:02:00, ID: ST180129M1-4 PFC CS1 18A1907, Description: PFC CS1 18A1907

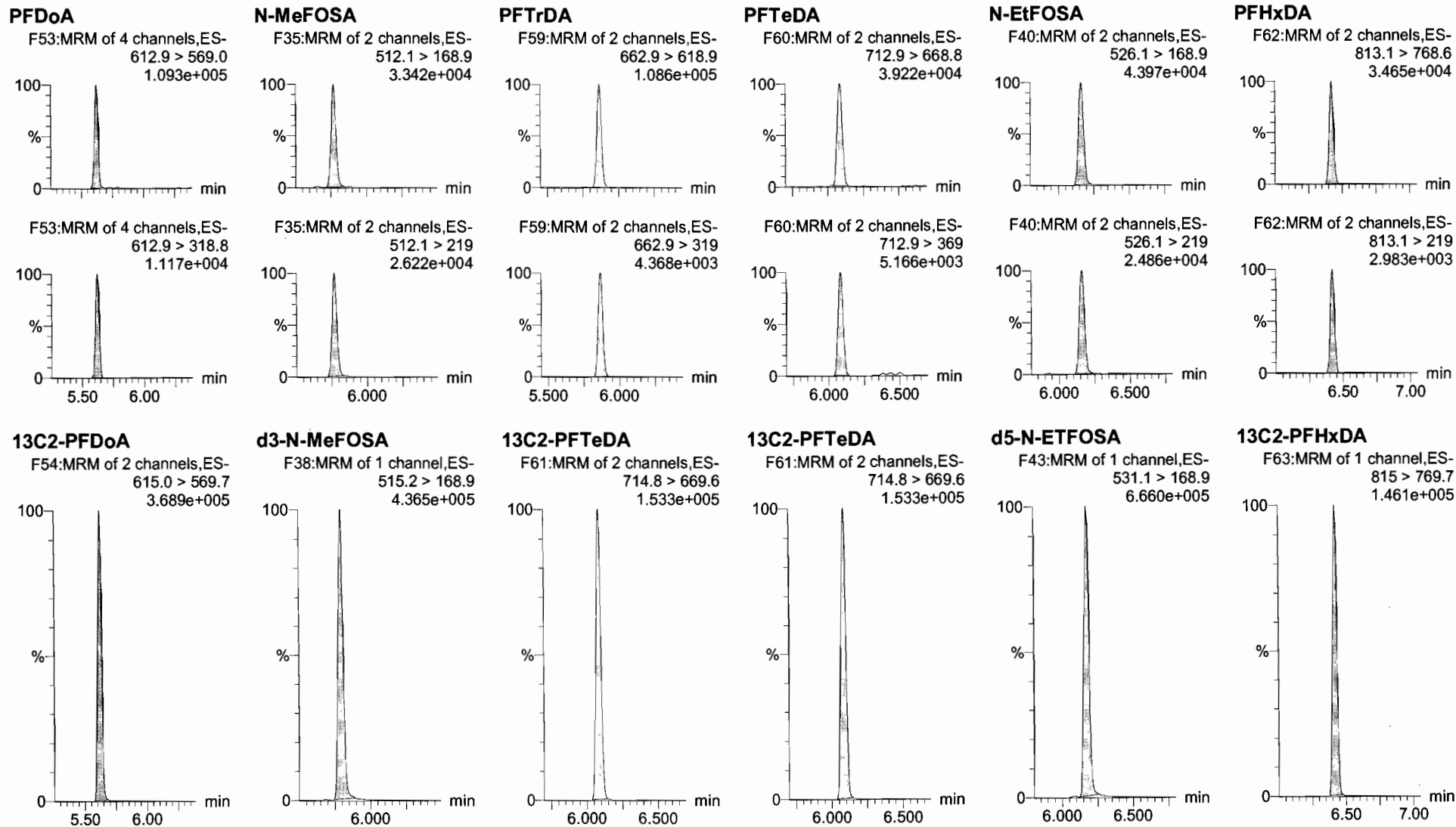


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

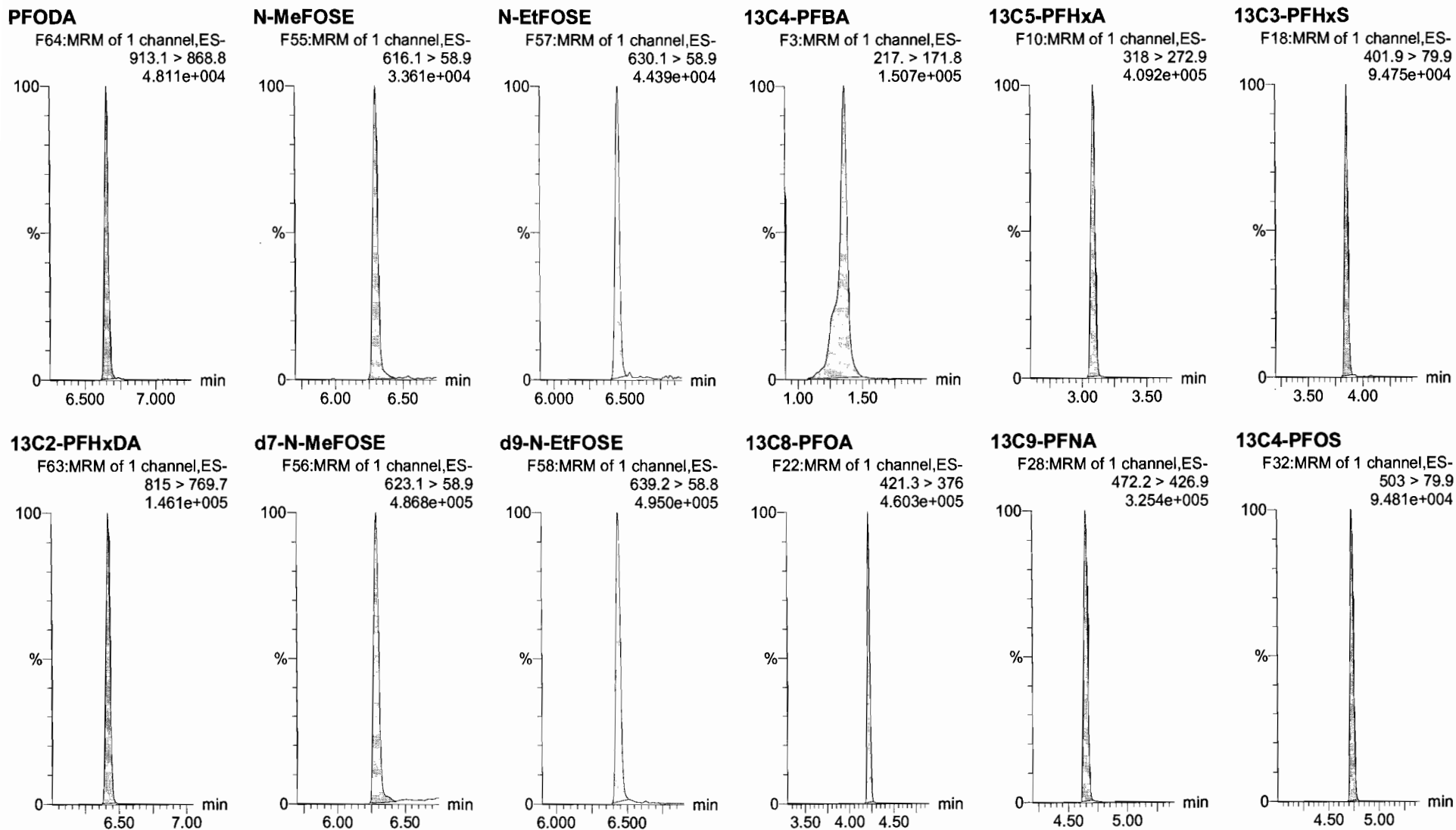
Name: 180129M1_5, Date: 29-Jan-2018, Time: 11:02:00, ID: ST180129M1-4 PFC CS1 18A1907, Description: PFC CS1 18A1907



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_5, Date: 29-Jan-2018, Time: 11:02:00, ID: ST180129M1-4 PFC CS1 18A1907, Description: PFC CS1 18A1907



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

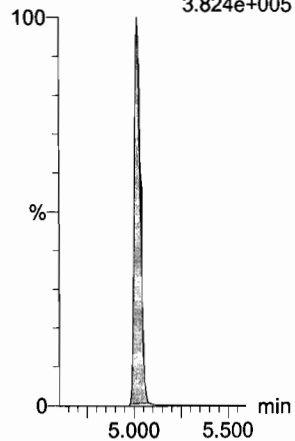
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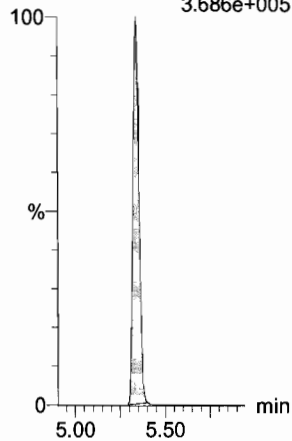
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
3.824e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8
3.686e+005

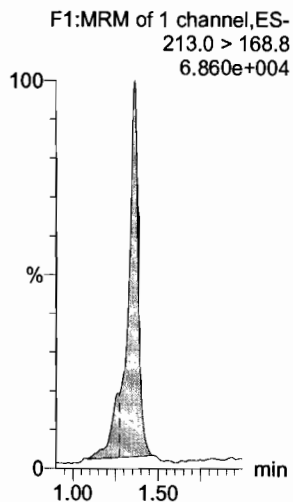


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

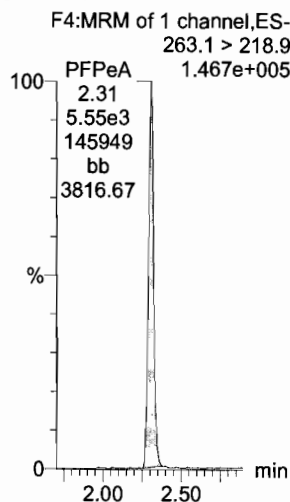
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_6, Date: 29-Jan-2018, Time: 11:13:30, ID: ST180129M1-5 PFC CS2 18A1908, Description: PFC CS2 18A1908

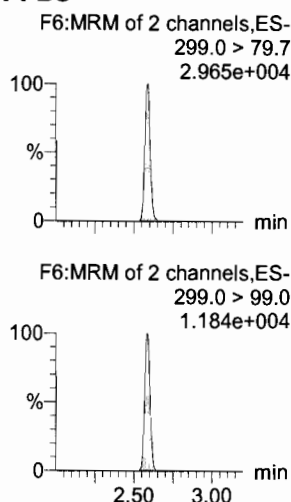
PFBA



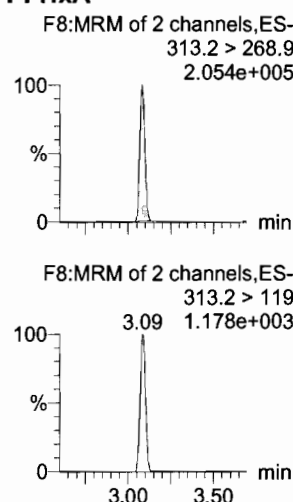
PFPeA



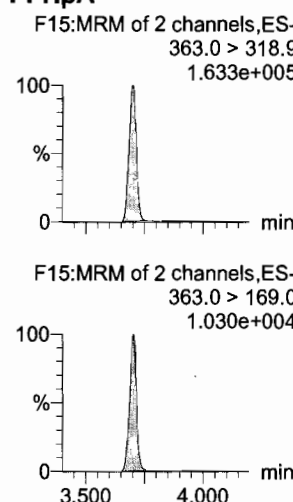
PFBS



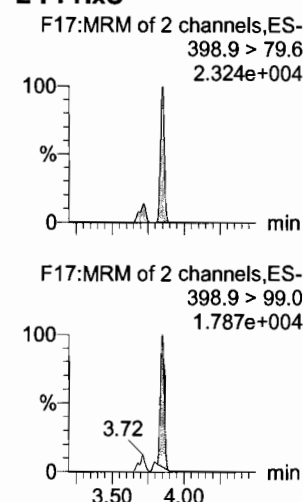
PFHxA



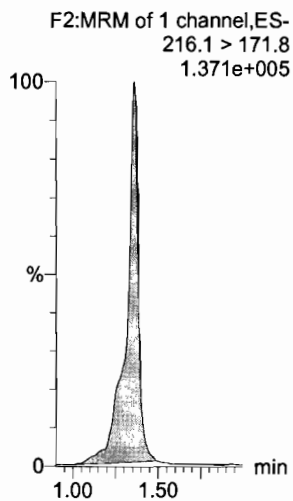
PFHpA



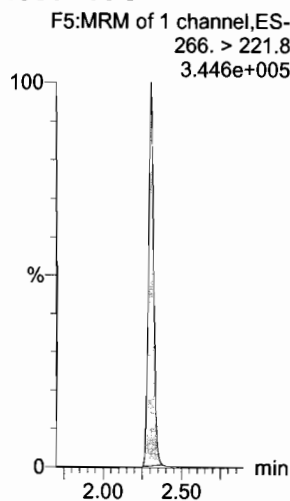
L-PFHxS



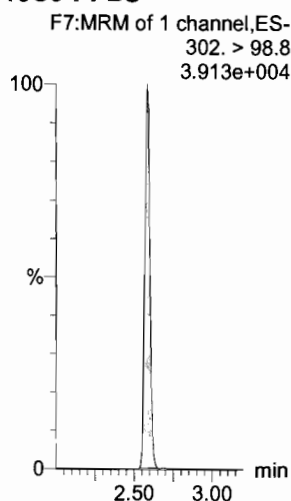
13C3-PFBA



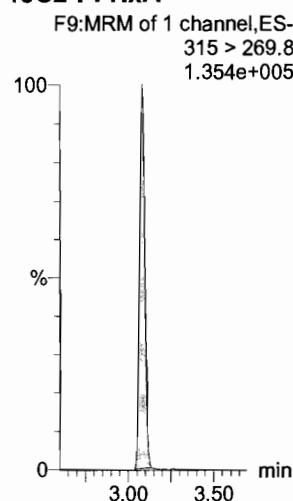
13C3-PFPeA



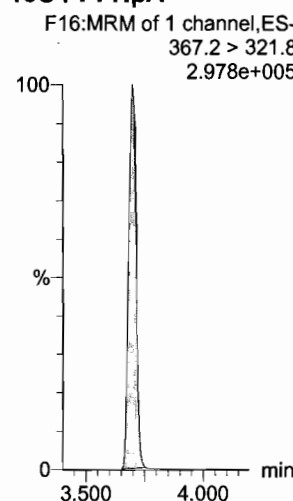
13C3-PFBS



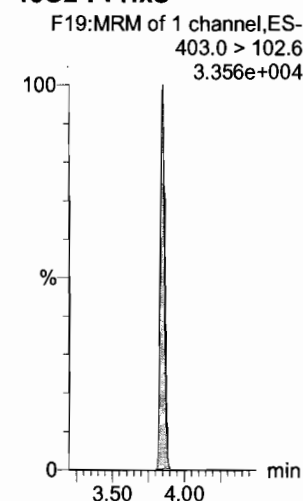
13C2-PFHxA



13C4-PFHpA



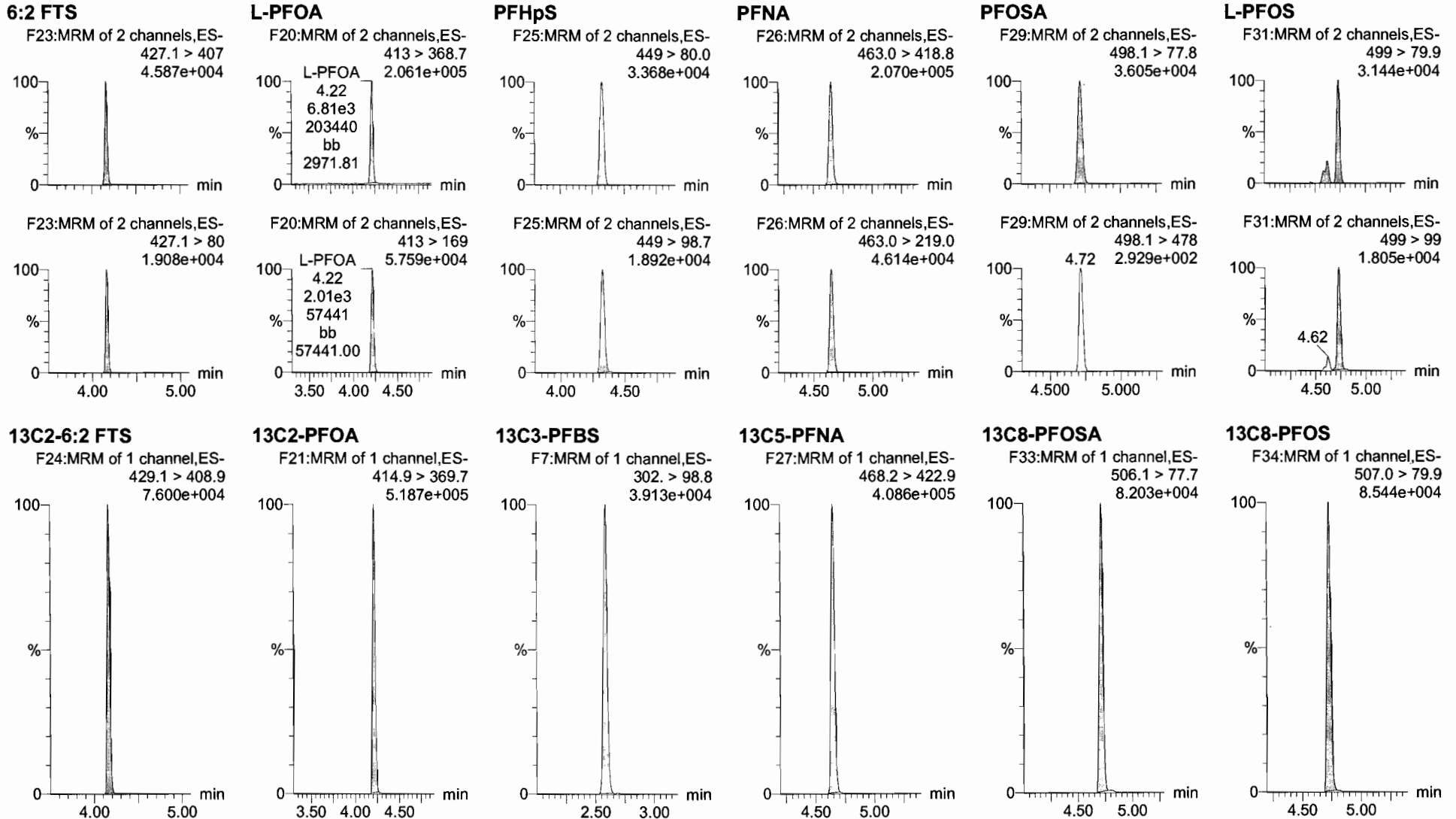
18O2-PFHxS



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

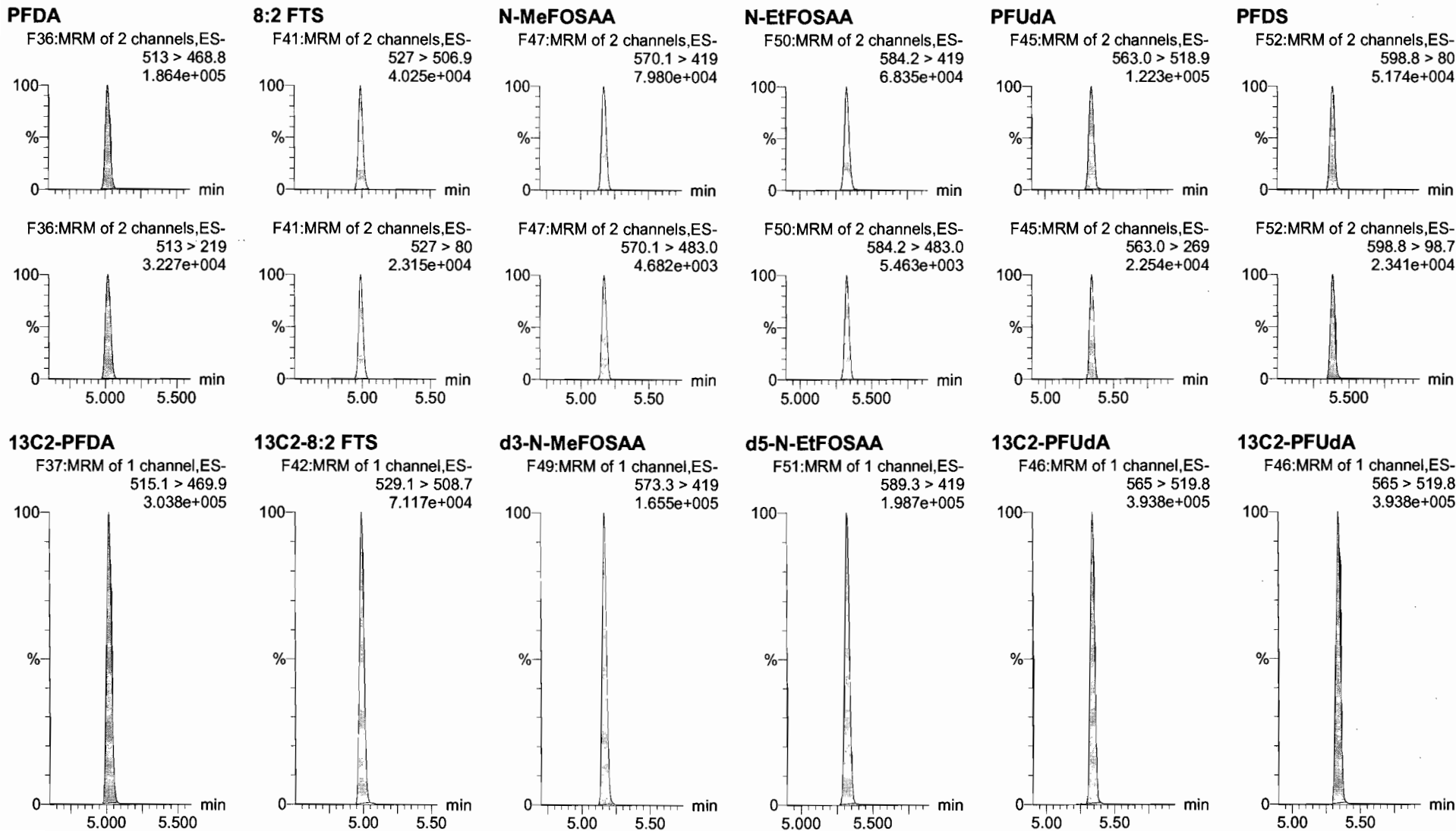
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Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_6, Date: 29-Jan-2018, Time: 11:13:30, ID: ST180129M1-5 PFC CS2 18A1908, Description: PFC CS2 18A1908



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

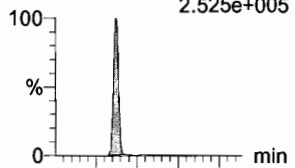
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

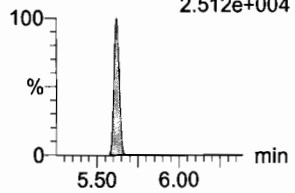
Name: 180129M1_6, Date: 29-Jan-2018, Time: 11:13:30, ID: ST180129M1-5 PFC CS2 18A1908, Description: PFC CS2 18A1908

PFDoA

F53:MRM of 4 channels,ES-
612.9 > 569.0
2.525e+005

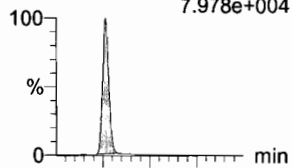


F53:MRM of 4 channels,ES-
612.9 > 318.8
2.512e+004

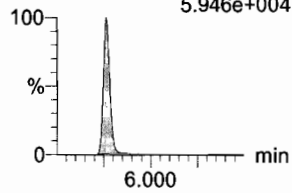


N-MeFOSA

F35:MRM of 2 channels,ES-
512.1 > 168.9
7.978e+004

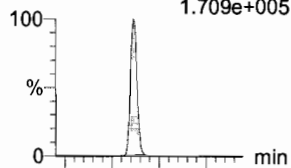


F35:MRM of 2 channels,ES-
512.1 > 219
5.946e+004

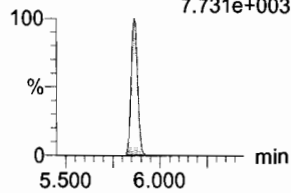


PFTrDA

F59:MRM of 2 channels,ES-
662.9 > 618.9
1.709e+005

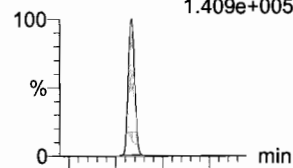


F59:MRM of 2 channels,ES-
662.9 > 319
7.731e+003

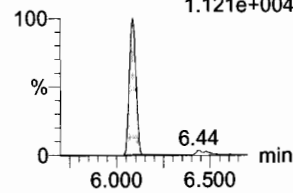


PFTeDA

F60:MRM of 2 channels,ES-
712.9 > 668.8
1.409e+005

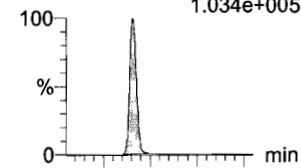


F60:MRM of 2 channels,ES-
712.9 > 369
1.121e+004

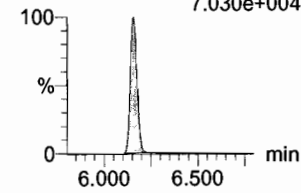


N-EtFOSA

F40:MRM of 2 channels,ES-
526.1 > 168.9
1.034e+005

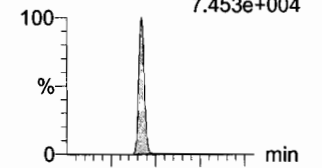


F40:MRM of 2 channels,ES-
526.1 > 219
7.030e+004

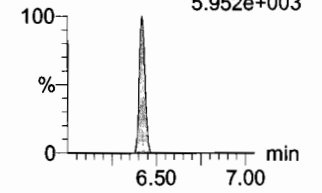


PFHxDA

F62:MRM of 2 channels,ES-
813.1 > 768.6
7.453e+004

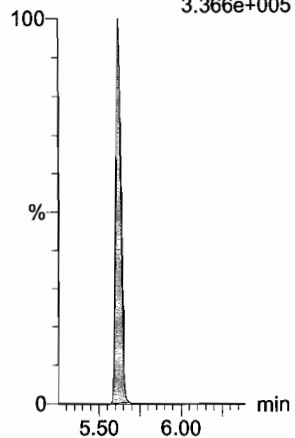


F62:MRM of 2 channels,ES-
813.1 > 219
5.952e+003



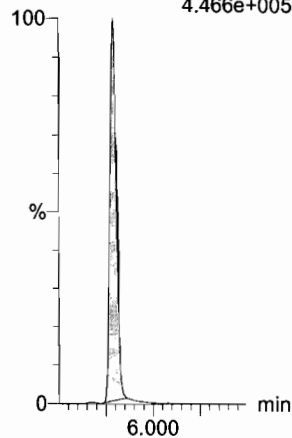
13C2-PFDoA

F54:MRM of 2 channels,ES-
615.0 > 569.7
3.366e+005



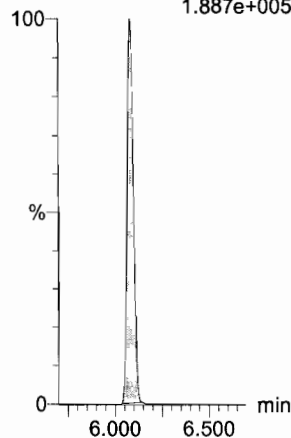
d3-N-MeFOSA

F38:MRM of 1 channel,ES-
515.2 > 168.9
4.466e+005



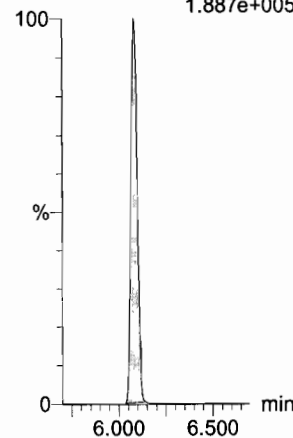
13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6
1.887e+005



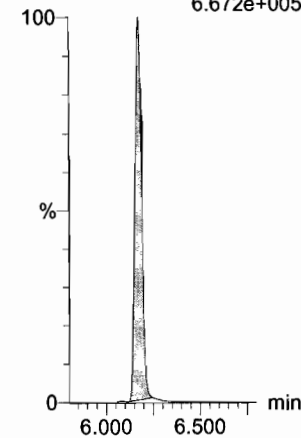
13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6
1.887e+005



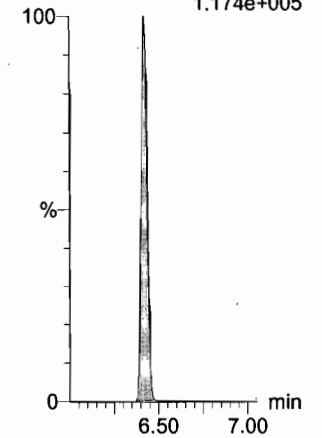
d5-N-ETFOSA

F43:MRM of 1 channel,ES-
531.1 > 168.9
6.672e+005



13C2-PFHxDA

F63:MRM of 1 channel,ES-
815 > 769.7
1.174e+005

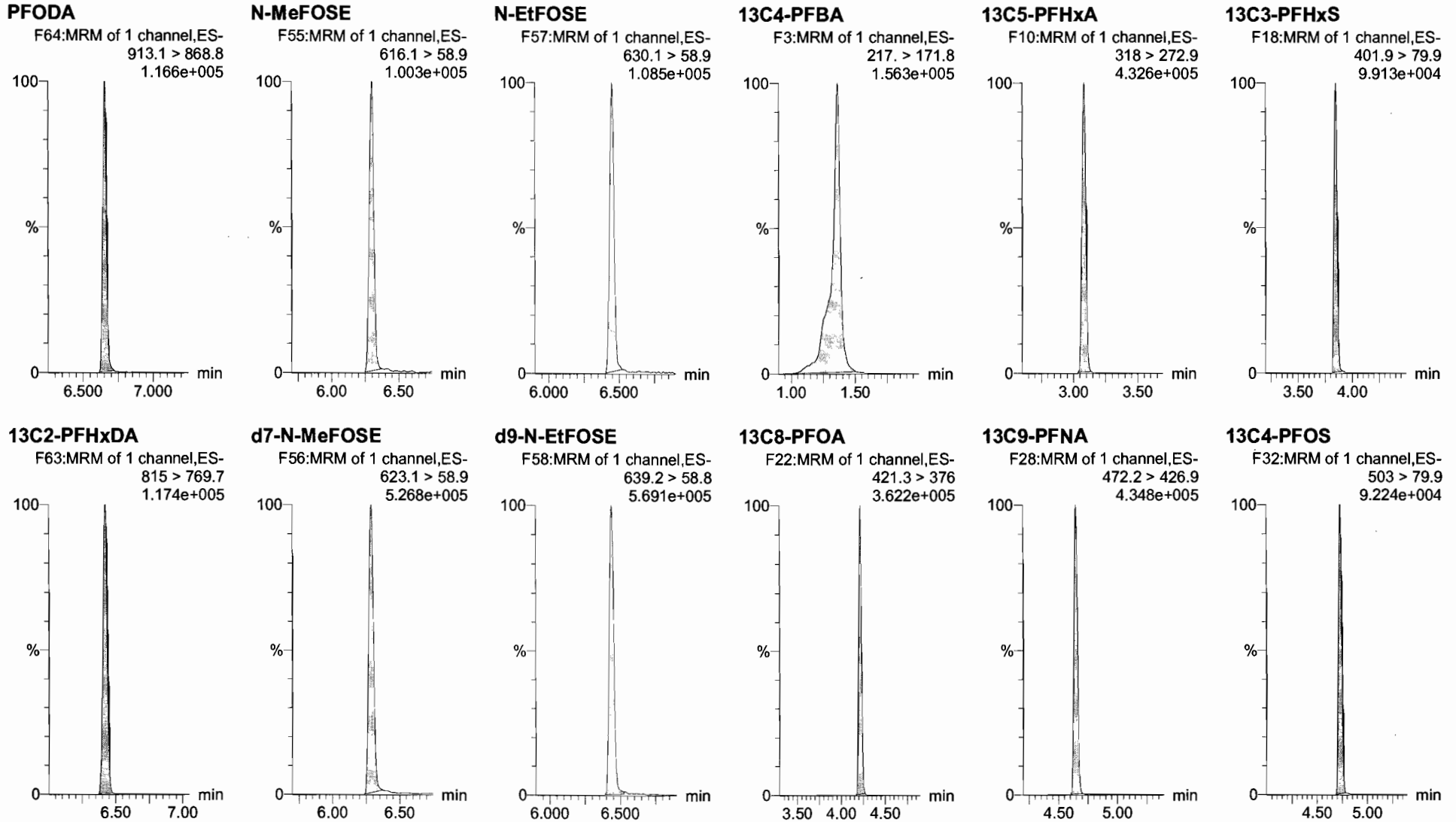


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_6, Date: 29-Jan-2018, Time: 11:13:30, ID: ST180129M1-5 PFC CS2 18A1908, Description: PFC CS2 18A1908



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

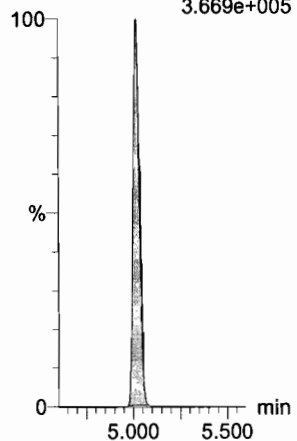
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_6, Date: 29-Jan-2018, Time: 11:13:30, ID: ST180129M1-5 PFC CS2 18A1908, Description: PFC CS2 18A1908

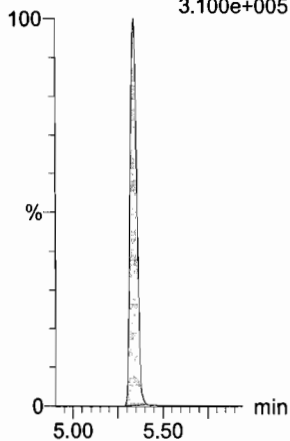
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
3.669e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8
3.100e+005



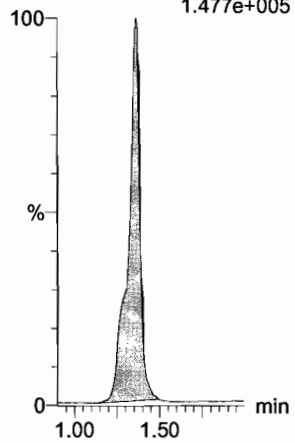
Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_7, Date: 29-Jan-2018, Time: 11:24:59, ID: ST180129M1-6 PFC CS3 18A1909, Description: PFC CS3 18A1909

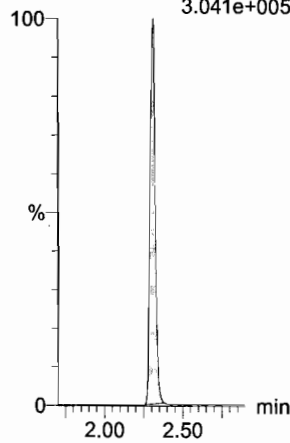
PFBA

F1:MRM of 1 channel,ES-
213.0 > 168.8
1.477e+005



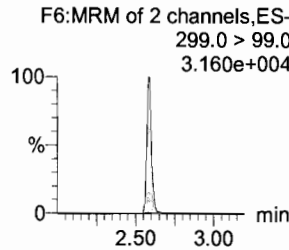
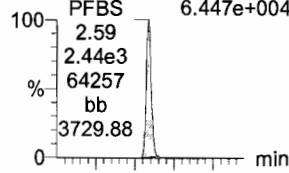
PFPeA

F4:MRM of 1 channel,ES-
263.1 > 218.9
3.041e+005



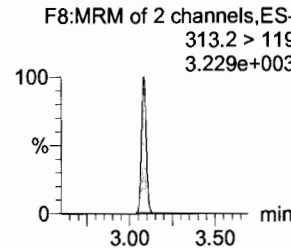
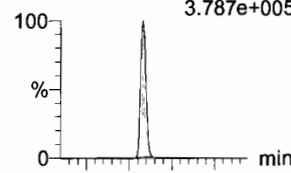
PFBS

F6:MRM of 2 channels,ES-
299.0 > 79.7
6.447e+004



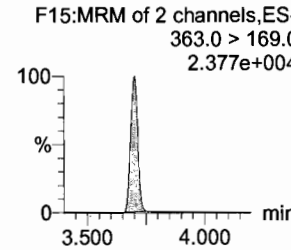
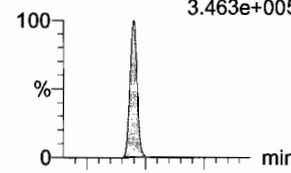
PFHxA

F8:MRM of 2 channels,ES-
313.2 > 268.9
3.787e+005



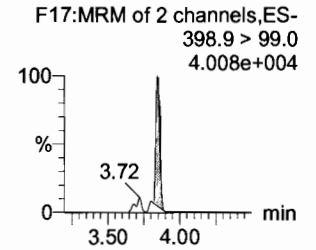
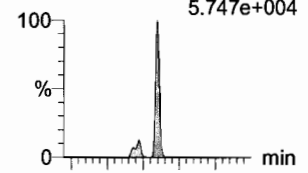
PFHpA

F15:MRM of 2 channels,ES-
363.0 > 318.9
3.463e+005



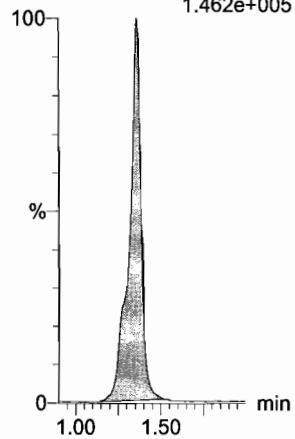
L-PFHxS

F17:MRM of 2 channels,ES-
398.9 > 79.6
5.747e+004



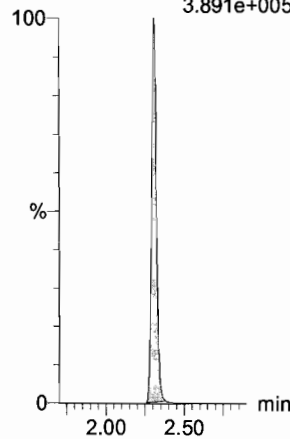
13C3-PFBA

F2:MRM of 1 channel,ES-
216.1 > 171.8
1.462e+005



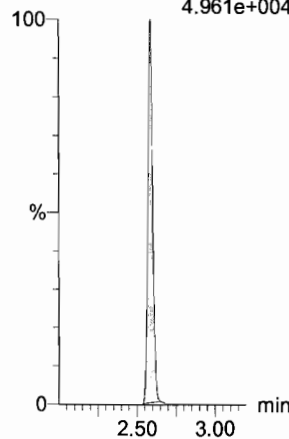
13C3-PFPeA

F5:MRM of 1 channel,ES-
266. > 221.8
3.891e+005



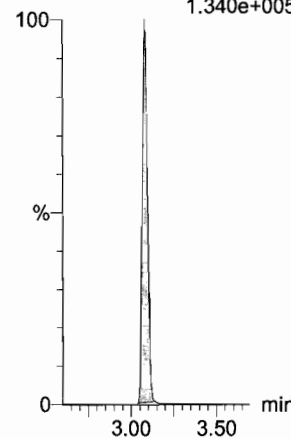
13C3-PFBS

F7:MRM of 1 channel,ES-
302. > 98.8
4.961e+004



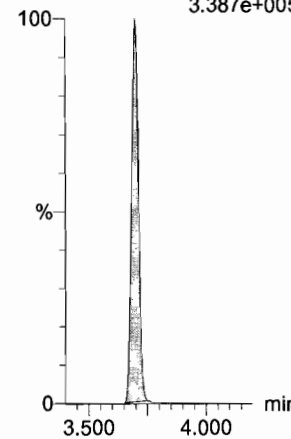
13C2-PFHxA

F9:MRM of 1 channel,ES-
315 > 269.8
1.340e+005



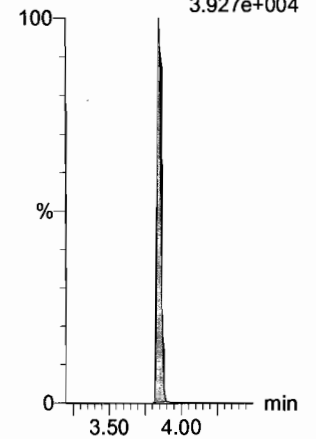
13C4-PFHpA

F16:MRM of 1 channel,ES-
367.2 > 321.8
3.387e+005



18O2-PFHxS

F19:MRM of 1 channel,ES-
403.0 > 102.6
3.927e+004

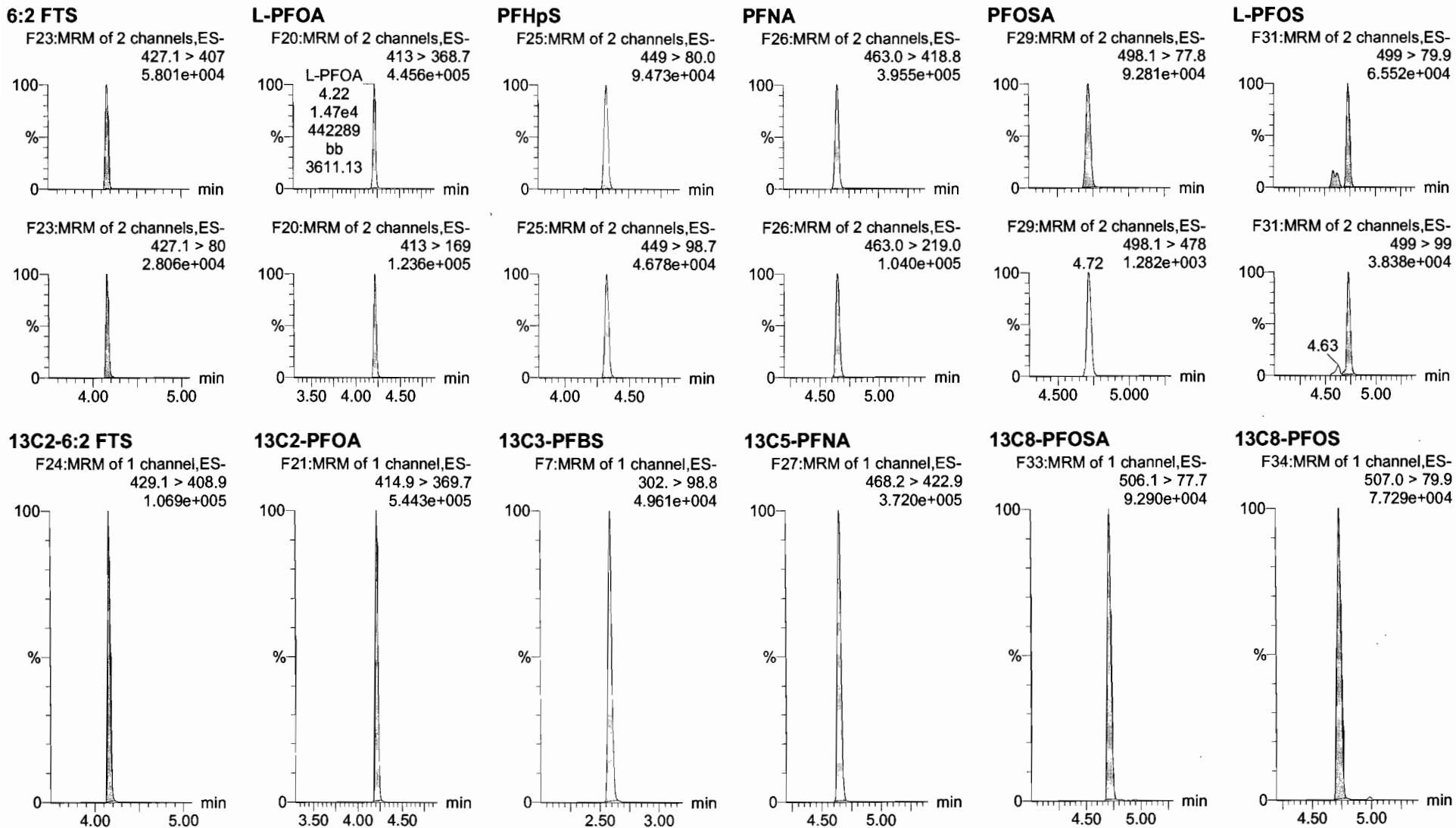


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_7, Date: 29-Jan-2018, Time: 11:24:59, ID: ST180129M1-6 PFC CS3 18A1909, Description: PFC CS3 18A1909



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

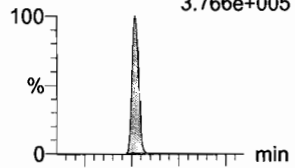
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

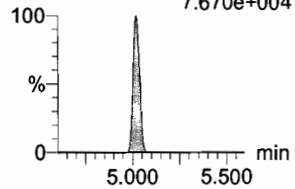
Name: 180129M1_7, Date: 29-Jan-2018, Time: 11:24:59, ID: ST180129M1-6 PFC CS3 18A1909, Description: PFC CS3 18A1909

PFDA

F36:MRM of 2 channels,ES-
513 > 468.8
3.766e+005

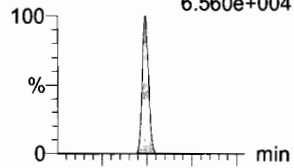


F36:MRM of 2 channels,ES-
513 > 219
7.670e+004

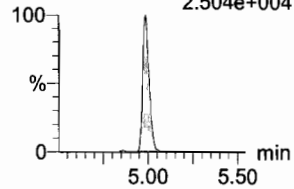


8:2 FTS

F41:MRM of 2 channels,ES-
527 > 506.9
6.560e+004

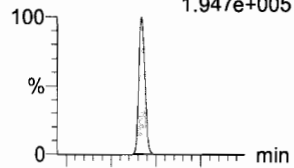


F41:MRM of 2 channels,ES-
527 > 80
2.504e+004

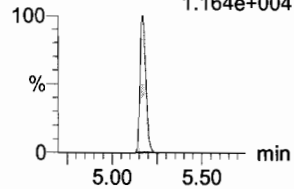


N-MeFOSAA

F47:MRM of 2 channels,ES-
570.1 > 419
1.947e+005

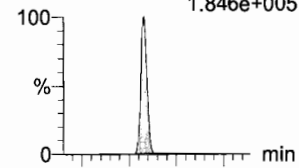


F47:MRM of 2 channels,ES-
570.1 > 483.0
1.164e+004

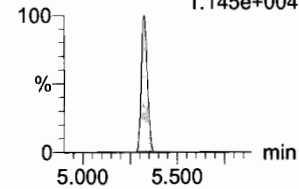


N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
1.846e+005

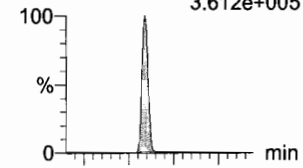


F50:MRM of 2 channels,ES-
584.2 > 483.0
1.145e+004

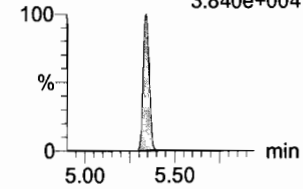


PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
3.612e+005

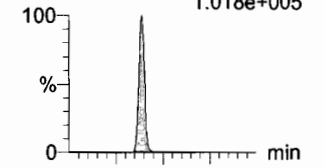


F45:MRM of 2 channels,ES-
563.0 > 269
3.840e+004

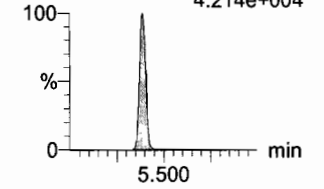


PFDS

F52:MRM of 2 channels,ES-
598.8 > 80
1.018e+005

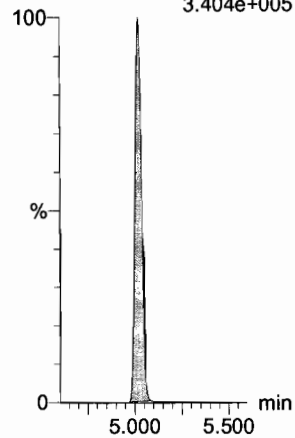


F52:MRM of 2 channels,ES-
598.8 > 98.7
4.214e+004



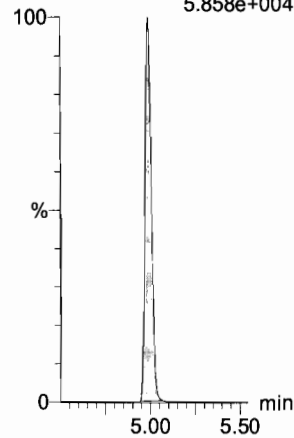
13C2-PFDA

F37:MRM of 1 channel,ES-
515.1 > 469.9
3.404e+005



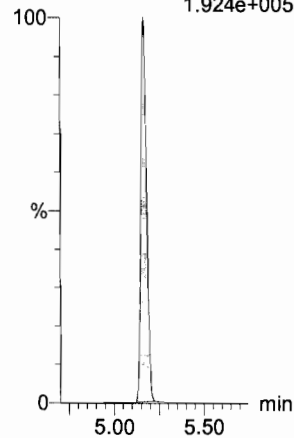
13C2-8:2 FTS

F42:MRM of 1 channel,ES-
529.1 > 508.7
5.858e+004



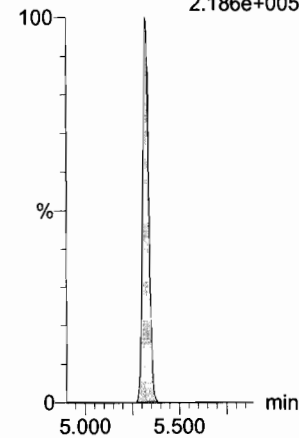
d3-N-MeFOSAA

F49:MRM of 1 channel,ES-
573.3 > 419
1.924e+005



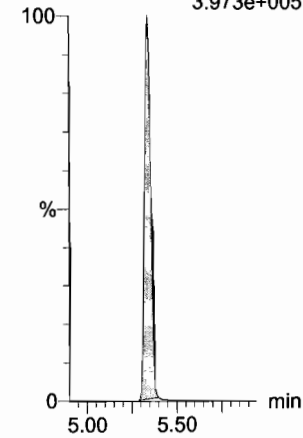
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
2.186e+005



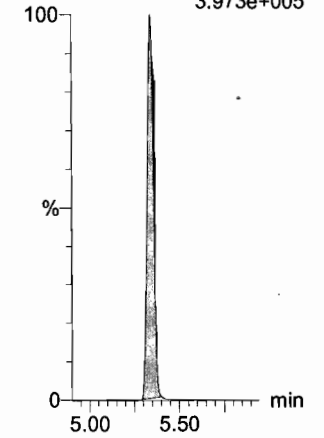
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.973e+005



13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.973e+005

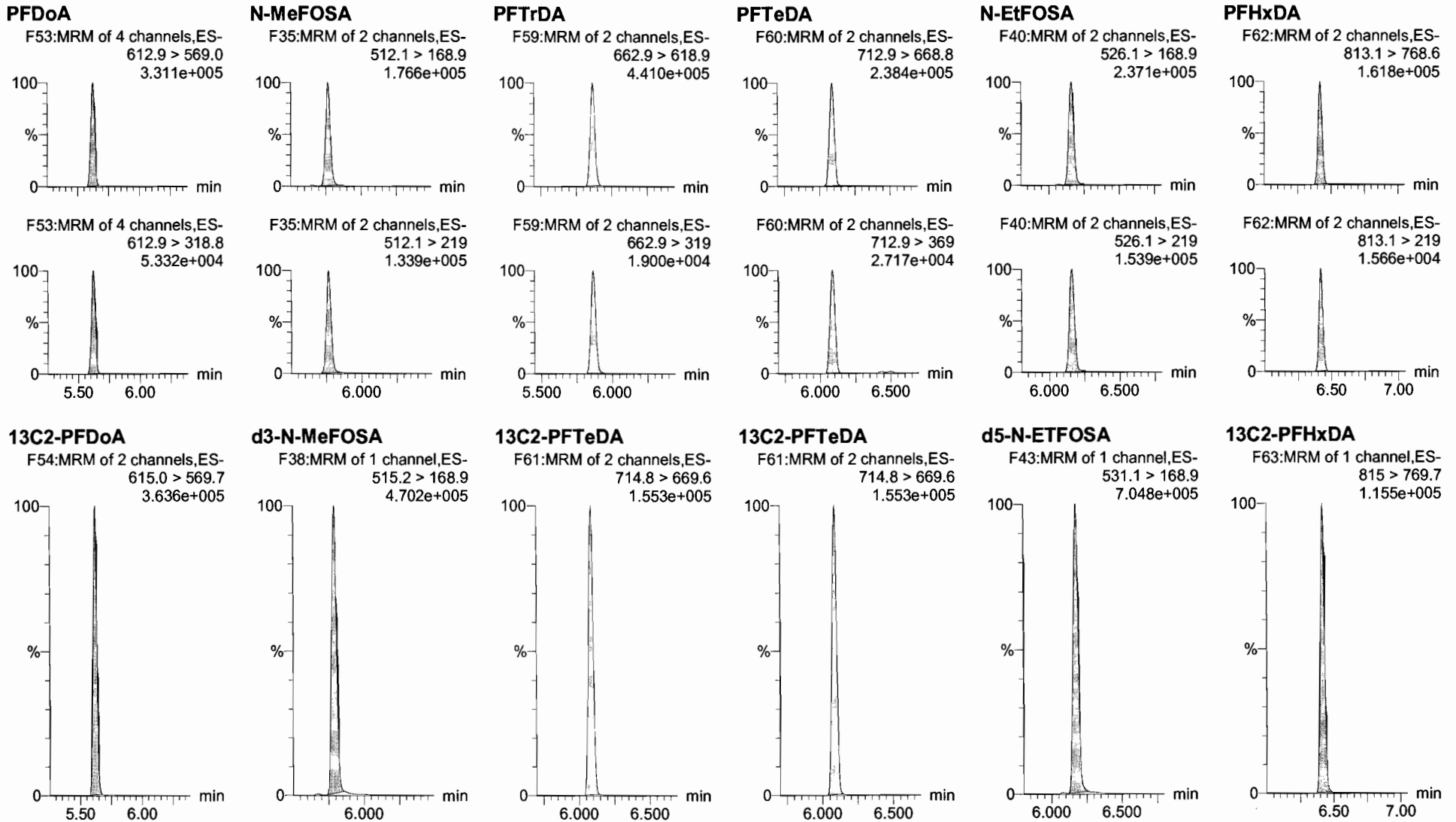


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_7, Date: 29-Jan-2018, Time: 11:24:59, ID: ST180129M1-6 PFC CS3 18A1909, Description: PFC CS3 18A1909



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

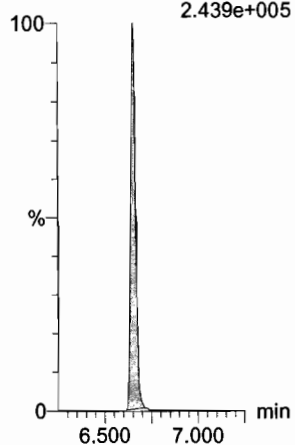
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_7, Date: 29-Jan-2018, Time: 11:24:59, ID: ST180129M1-6 PFC CS3 18A1909, Description: PFC CS3 18A1909

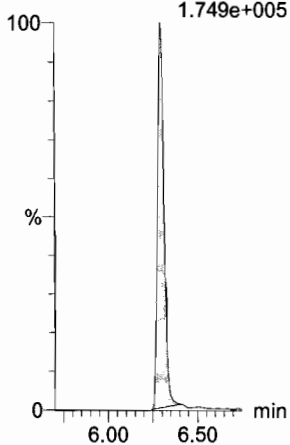
PFODA

F64:MRM of 1 channel,ES-
913.1 > 868.8
2.439e+005



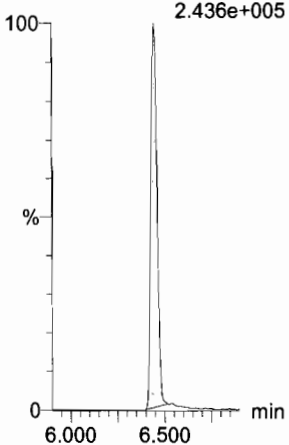
N-MeFOSE

F55:MRM of 1 channel,ES-
616.1 > 58.9
1.749e+005



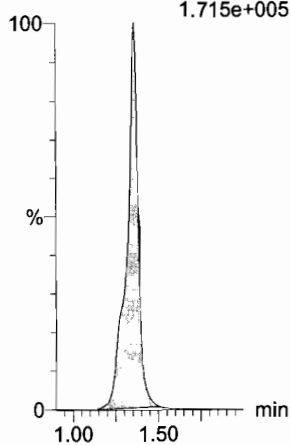
N-EtFOSE

F57:MRM of 1 channel,ES-
630.1 > 58.9
2.436e+005



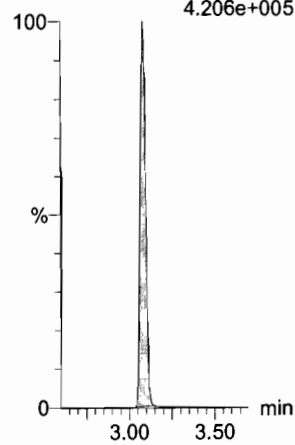
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.715e+005



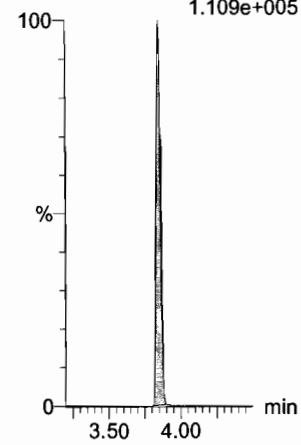
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
4.206e+005



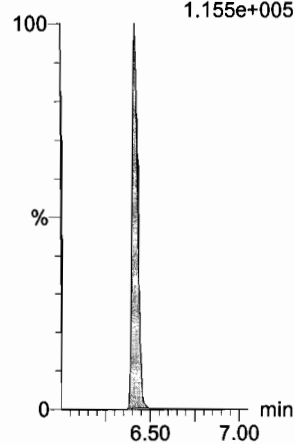
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
1.109e+005



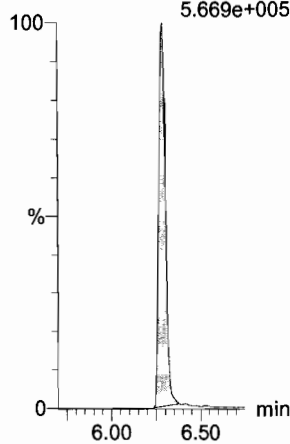
13C2-PFHxDA

F63:MRM of 1 channel,ES-
815 > 769.7
1.155e+005



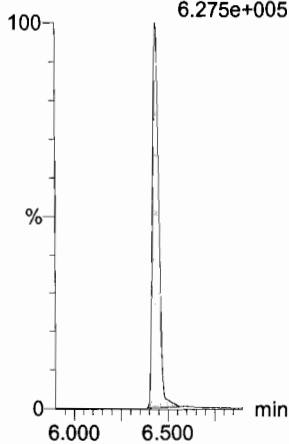
d7-N-MeFOSE

F56:MRM of 1 channel,ES-
623.1 > 58.9
5.669e+005



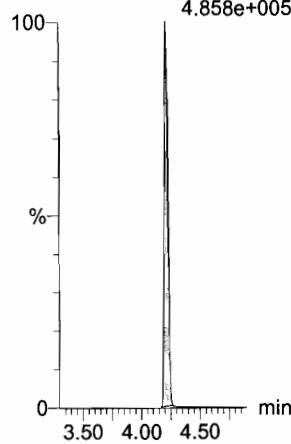
d9-N-EtFOSE

F58:MRM of 1 channel,ES-
639.2 > 58.8
6.275e+005



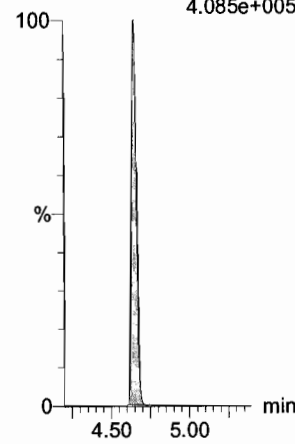
13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
4.858e+005



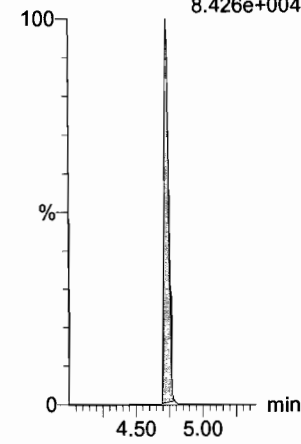
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
4.085e+005



13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
8.426e+004



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

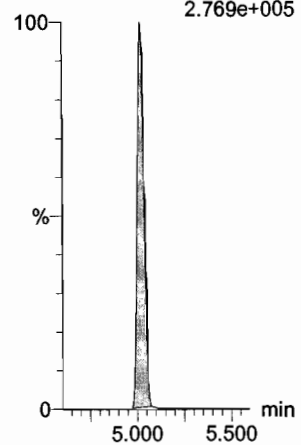
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_7, Date: 29-Jan-2018, Time: 11:24:59, ID: ST180129M1-6 PFC CS3 18A1909, Description: PFC CS3 18A1909

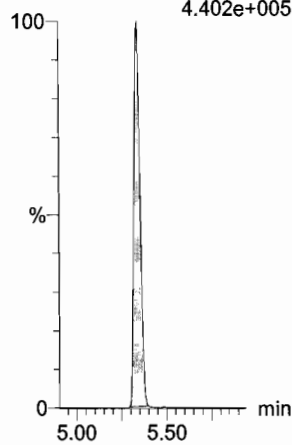
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
2.769e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8
4.402e+005

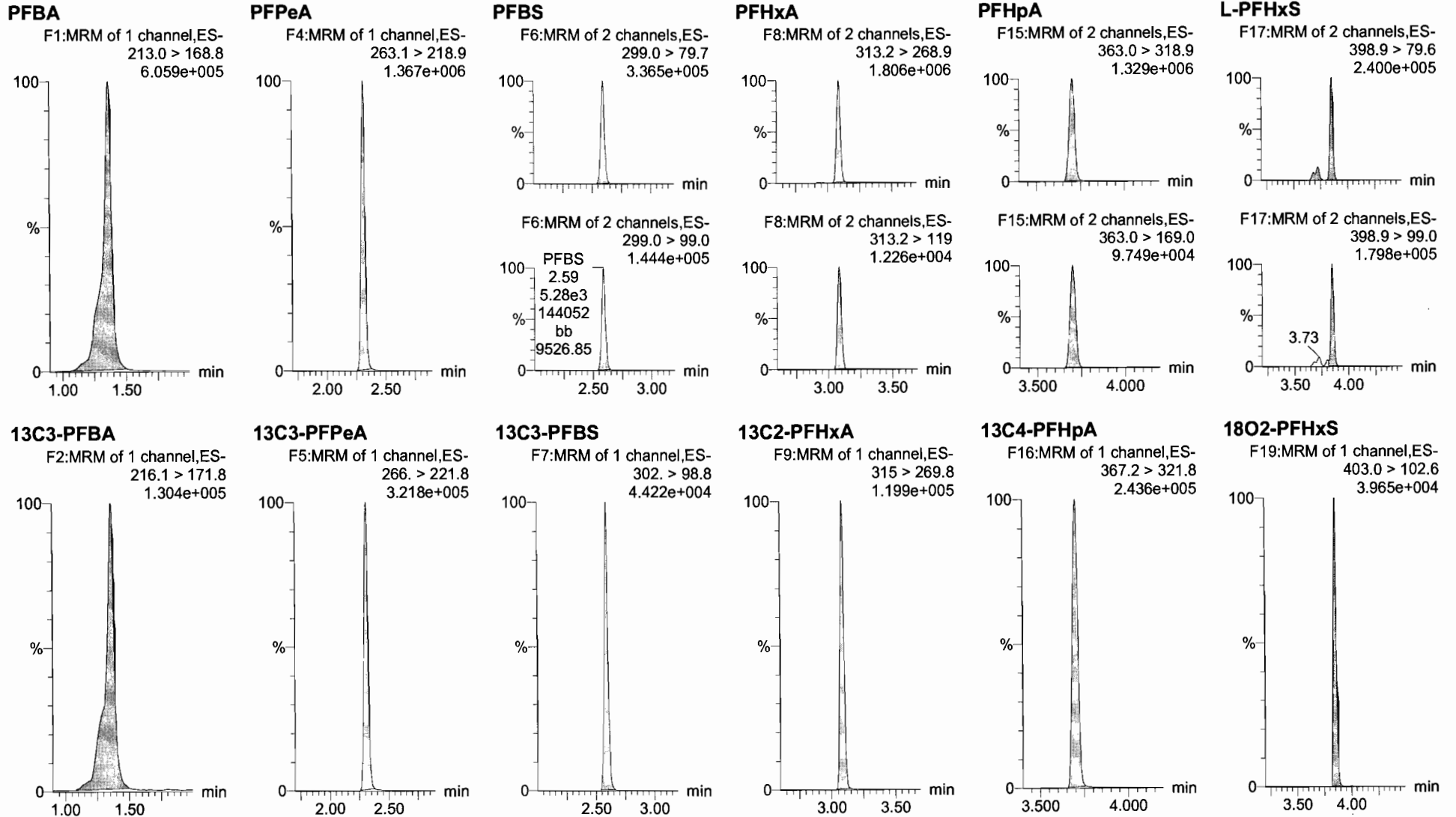


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_8, Date: 29-Jan-2018, Time: 11:36:29, ID: ST180129M1-7 PFC CS4 18A1910, Description: PFC CS4 18A1910

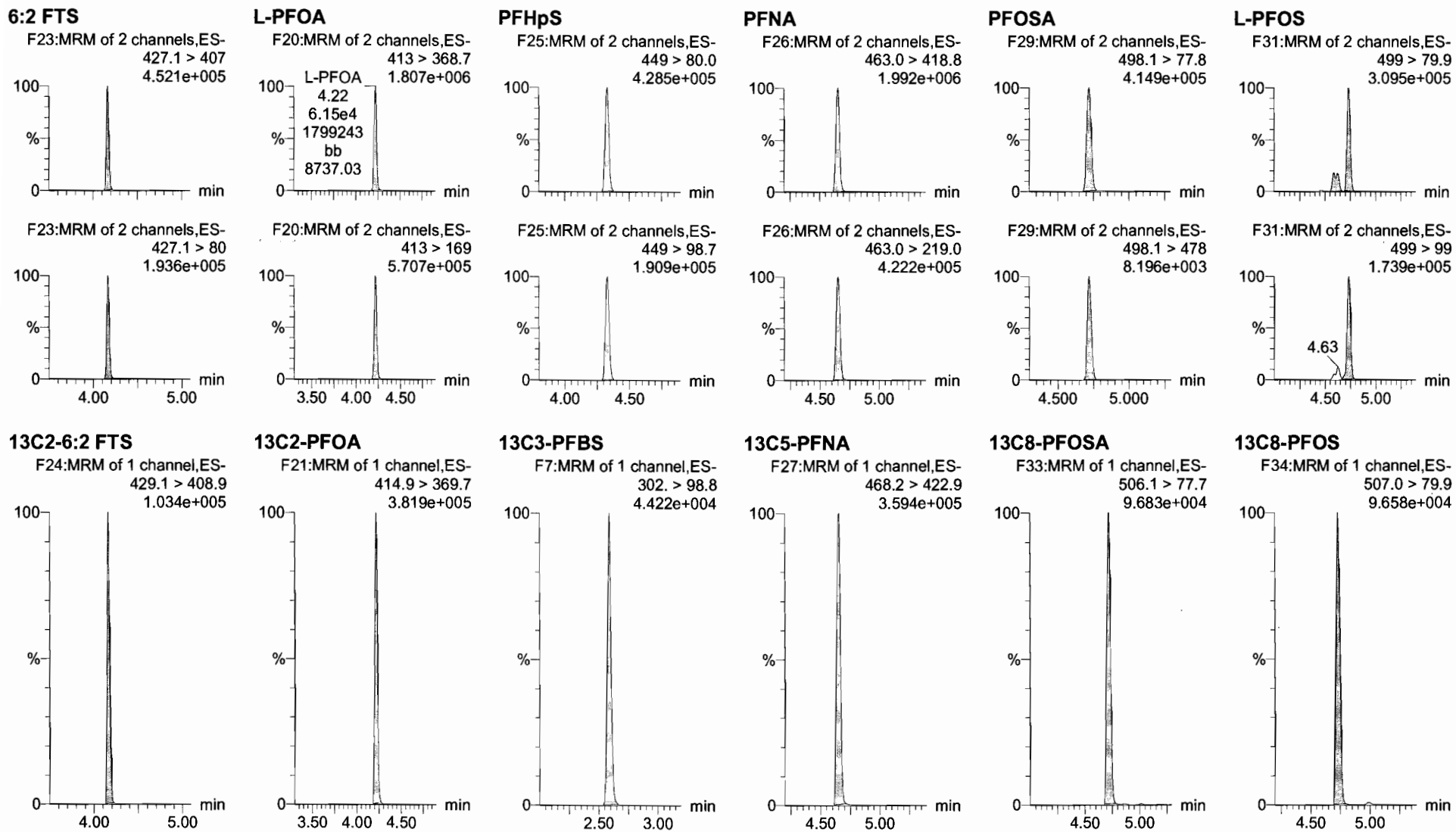


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_8, Date: 29-Jan-2018, Time: 11:36:29, ID: ST180129M1-7 PFC CS4 18A1910, Description: PFC CS4 18A1910

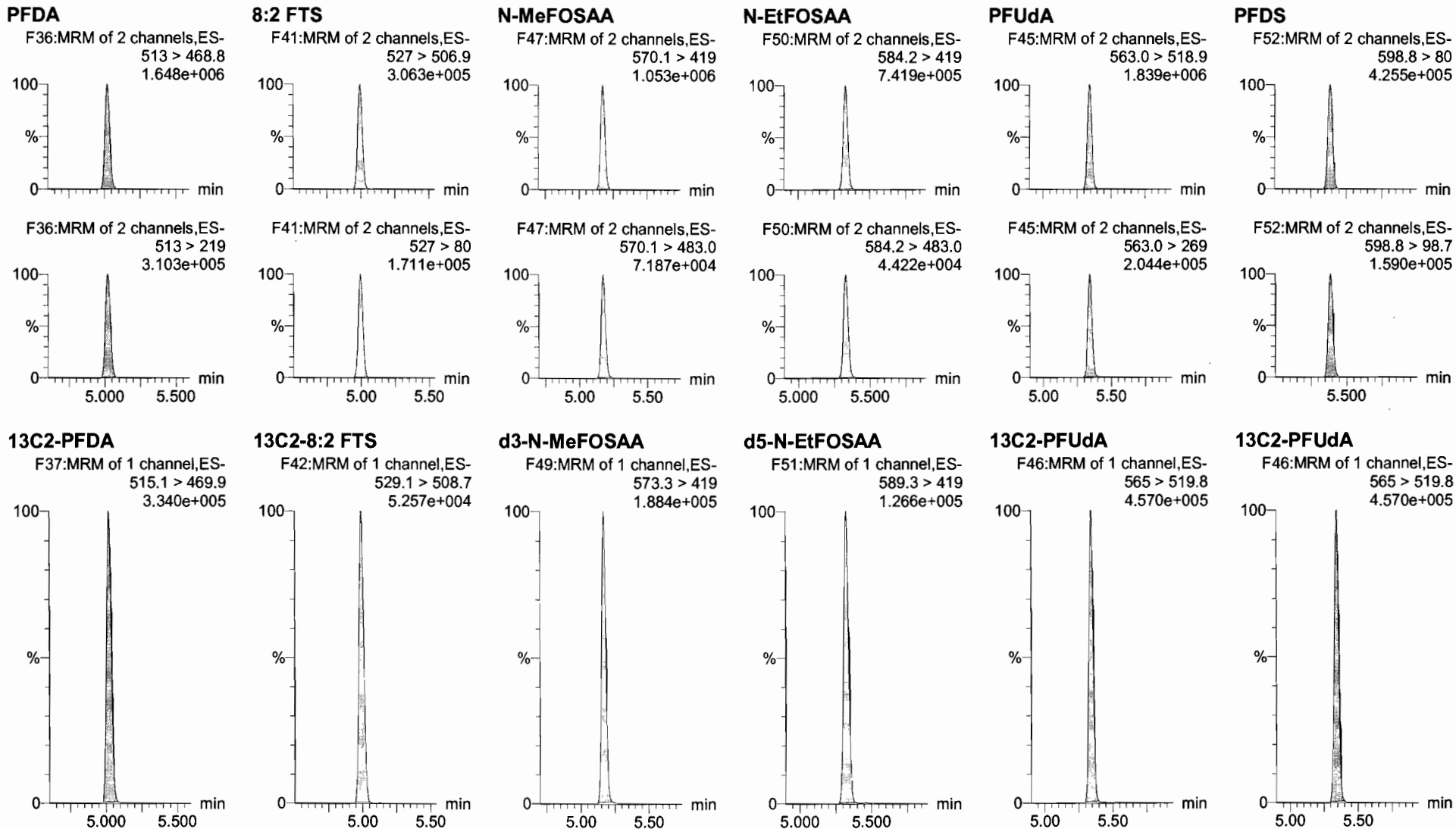


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_8, Date: 29-Jan-2018, Time: 11:36:29, ID: ST180129M1-7 PFC CS4 18A1910, Description: PFC CS4 18A1910

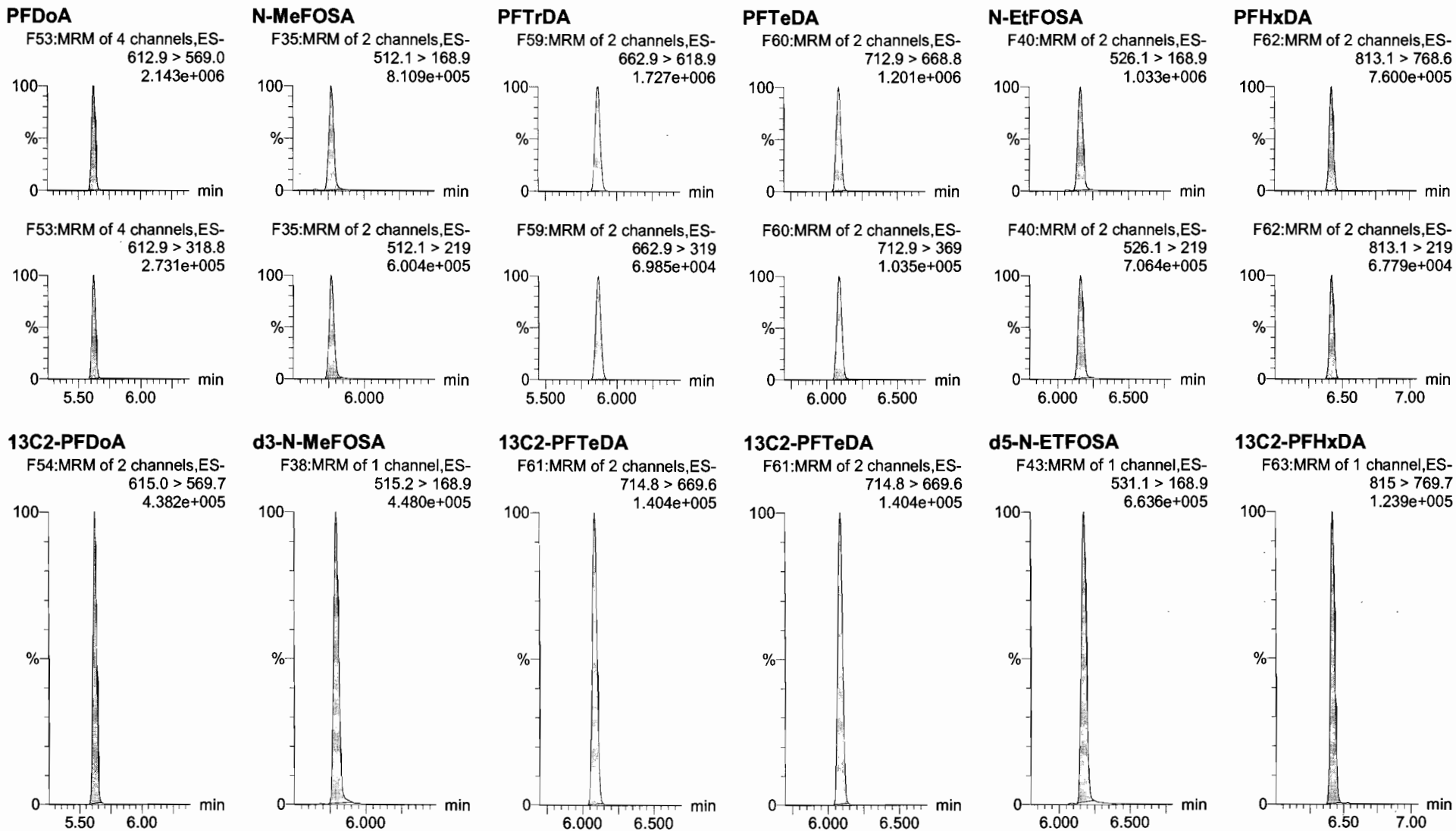


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Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_8, Date: 29-Jan-2018, Time: 11:36:29, ID: ST180129M1-7 PFC CS4 18A1910, Description: PFC CS4 18A1910



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

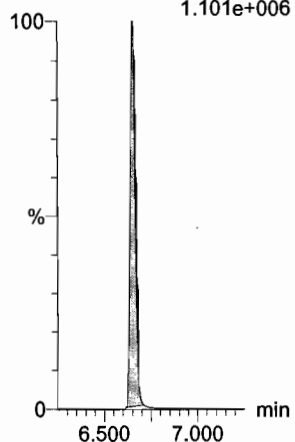
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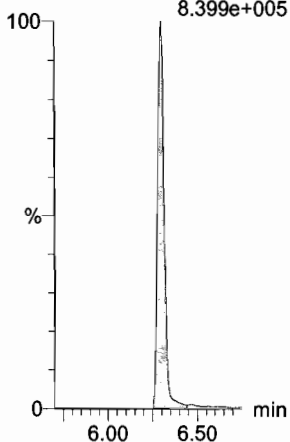
PFODA

F64:MRM of 1 channel,ES-
913.1 > 868.8
1.101e+006



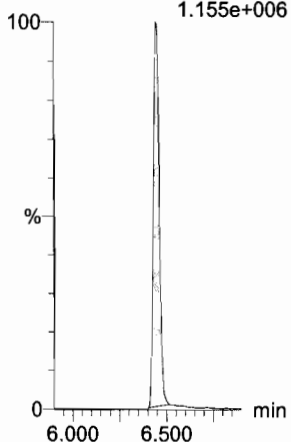
N-MeFOSE

F55:MRM of 1 channel,ES-
616.1 > 58.9
8.399e+005



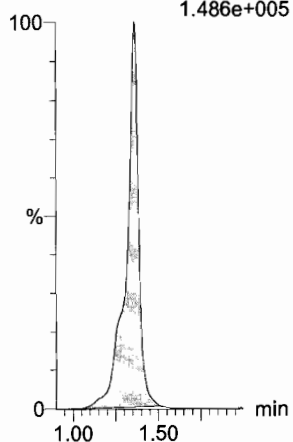
N-EtFOSE

F57:MRM of 1 channel,ES-
630.1 > 58.9
1.155e+006



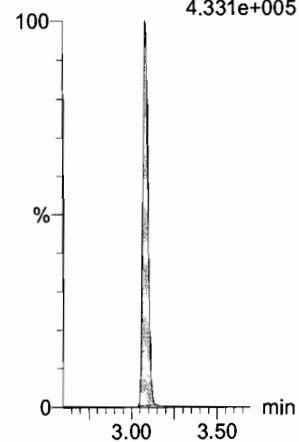
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.486e+005



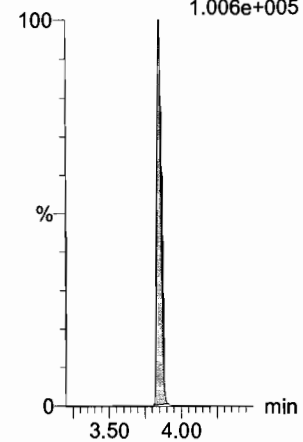
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
4.331e+005



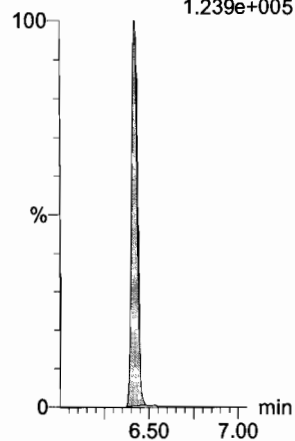
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
1.006e+005



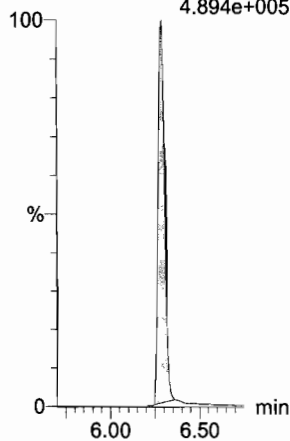
13C2-PFHxDA

F63:MRM of 1 channel,ES-
815 > 769.7
1.239e+005



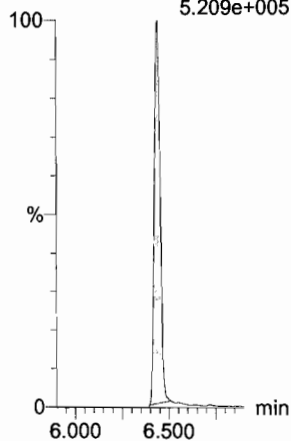
d7-N-MeFOSE

F56:MRM of 1 channel,ES-
623.1 > 58.9
4.894e+005



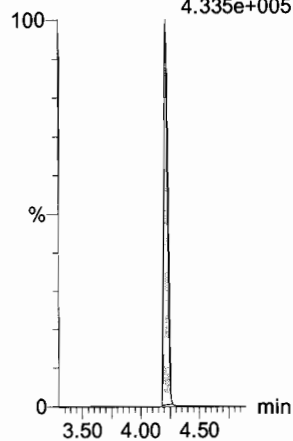
d9-N-EtFOSE

F58:MRM of 1 channel,ES-
639.2 > 58.8
5.209e+005



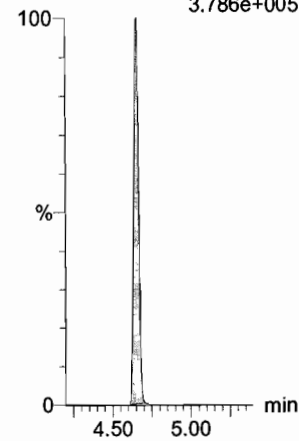
13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
4.335e+005



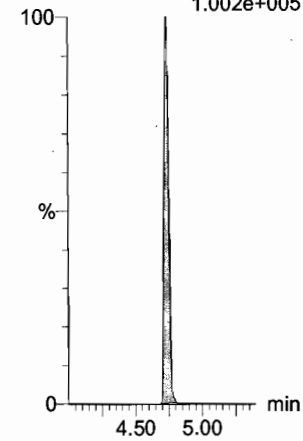
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
3.786e+005



13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
1.002e+005



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

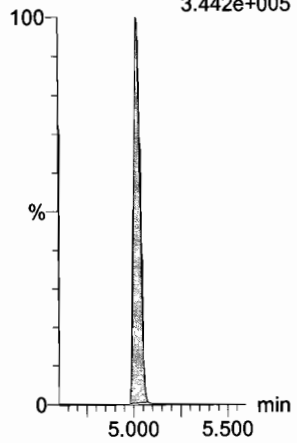
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_8, Date: 29-Jan-2018, Time: 11:36:29, ID: ST180129M1-7 PFC CS4 18A1910, Description: PFC CS4 18A1910

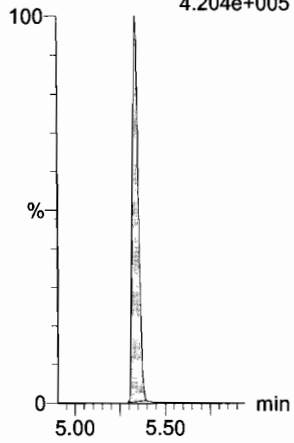
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
3.442e+005



13C7-PFUDA

F48:MRM of 1 channel,ES-
570.1 > 524.8
4.204e+005



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

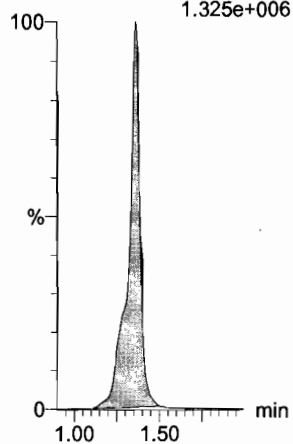
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_9, Date: 29-Jan-2018, Time: 11:47:59, ID: ST180129M1-8 PFC CS5 18A1911, Description: PFC CS5 18A1911

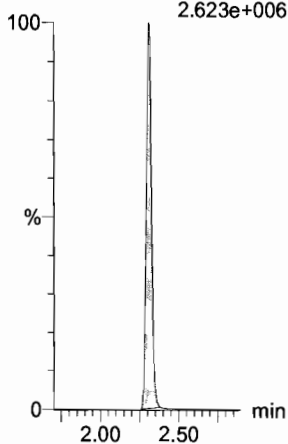
PFBA

F1:MRM of 1 channel,ES-
213.0 > 168.8
1.325e+006



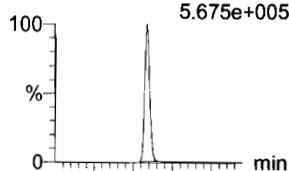
PFPeA

F4:MRM of 1 channel,ES-
263.1 > 218.9
2.623e+006

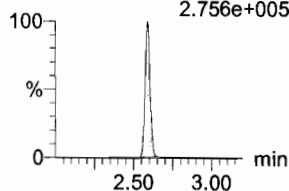


PFBS

F6:MRM of 2 channels,ES-
299.0 > 79.7
5.675e+005

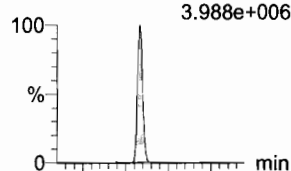


F6:MRM of 2 channels,ES-
299.0 > 99.0
2.756e+005

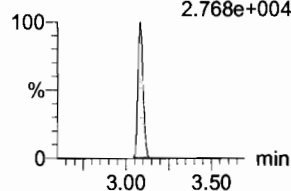


PFHxA

F8:MRM of 2 channels,ES-
313.2 > 268.9
3.988e+006

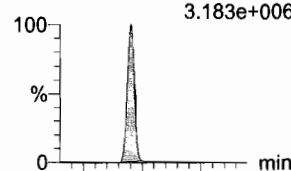


F8:MRM of 2 channels,ES-
313.2 > 119
2.768e+004

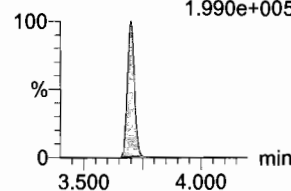


PFHpA

F15:MRM of 2 channels,ES-
363.0 > 318.9
3.183e+006

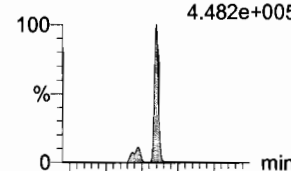


F15:MRM of 2 channels,ES-
363.0 > 169.0
1.990e+005

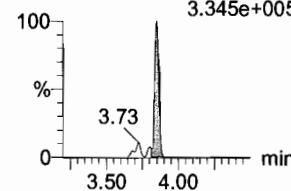


L-PFHxS

F17:MRM of 2 channels,ES-
398.9 > 79.6
4.482e+005

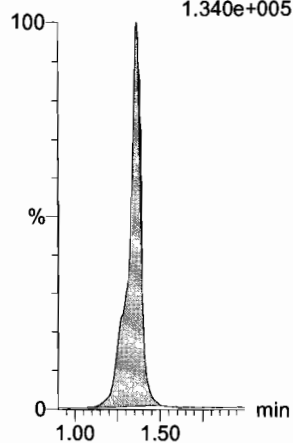


F17:MRM of 2 channels,ES-
398.9 > 99.0
3.345e+005



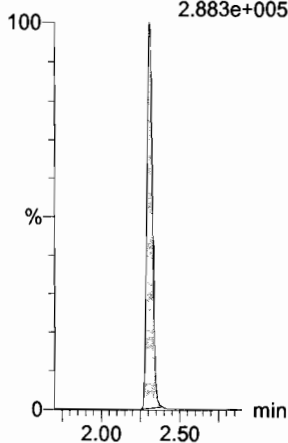
13C3-PFBA

F2:MRM of 1 channel,ES-
216.1 > 171.8
1.340e+005



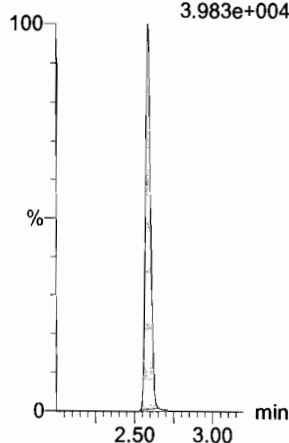
13C3-PFPeA

F5:MRM of 1 channel,ES-
266. > 221.8
2.883e+005



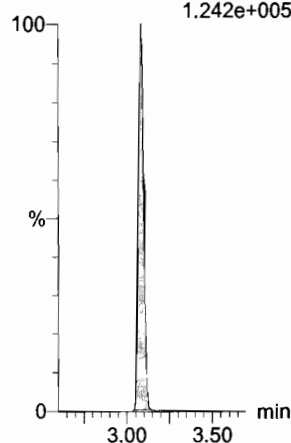
13C3-PFBS

F7:MRM of 1 channel,ES-
302. > 98.8
3.983e+004



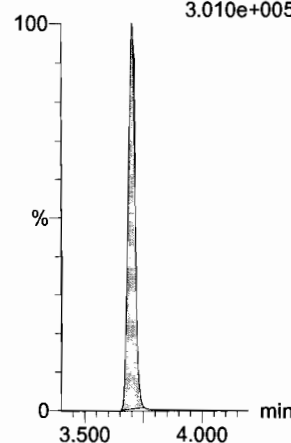
13C2-PFHxA

F9:MRM of 1 channel,ES-
315 > 269.8
1.242e+005



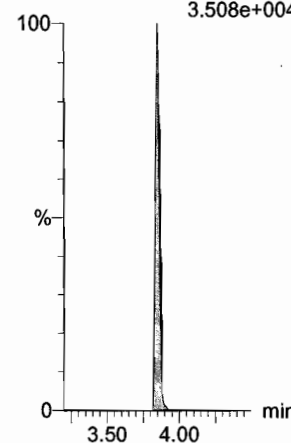
13C4-PFHpA

F16:MRM of 1 channel,ES-
367.2 > 321.8
3.010e+005



18O2-PFHxS

F19:MRM of 1 channel,ES-
403.0 > 102.6
3.508e+004

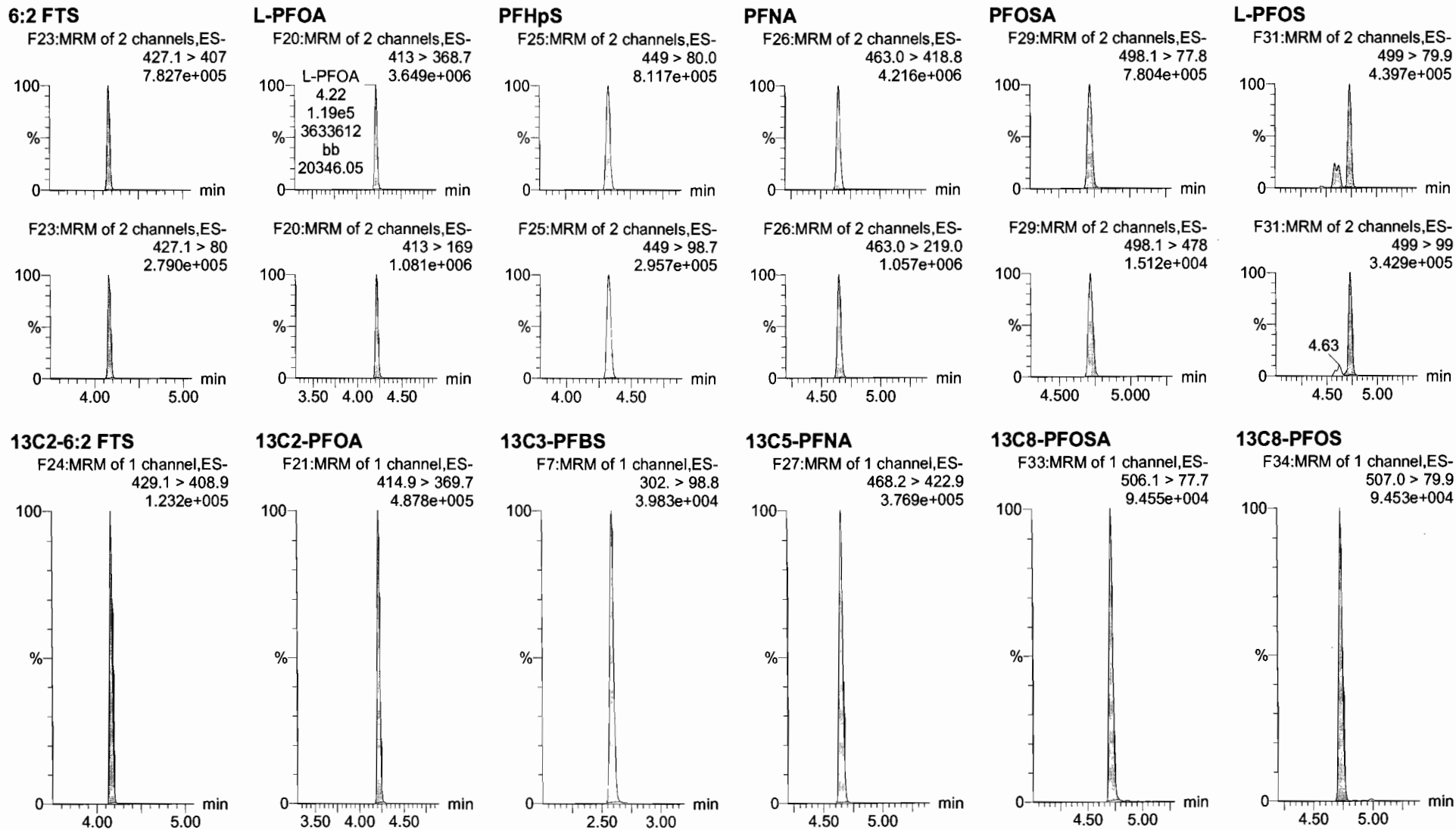


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

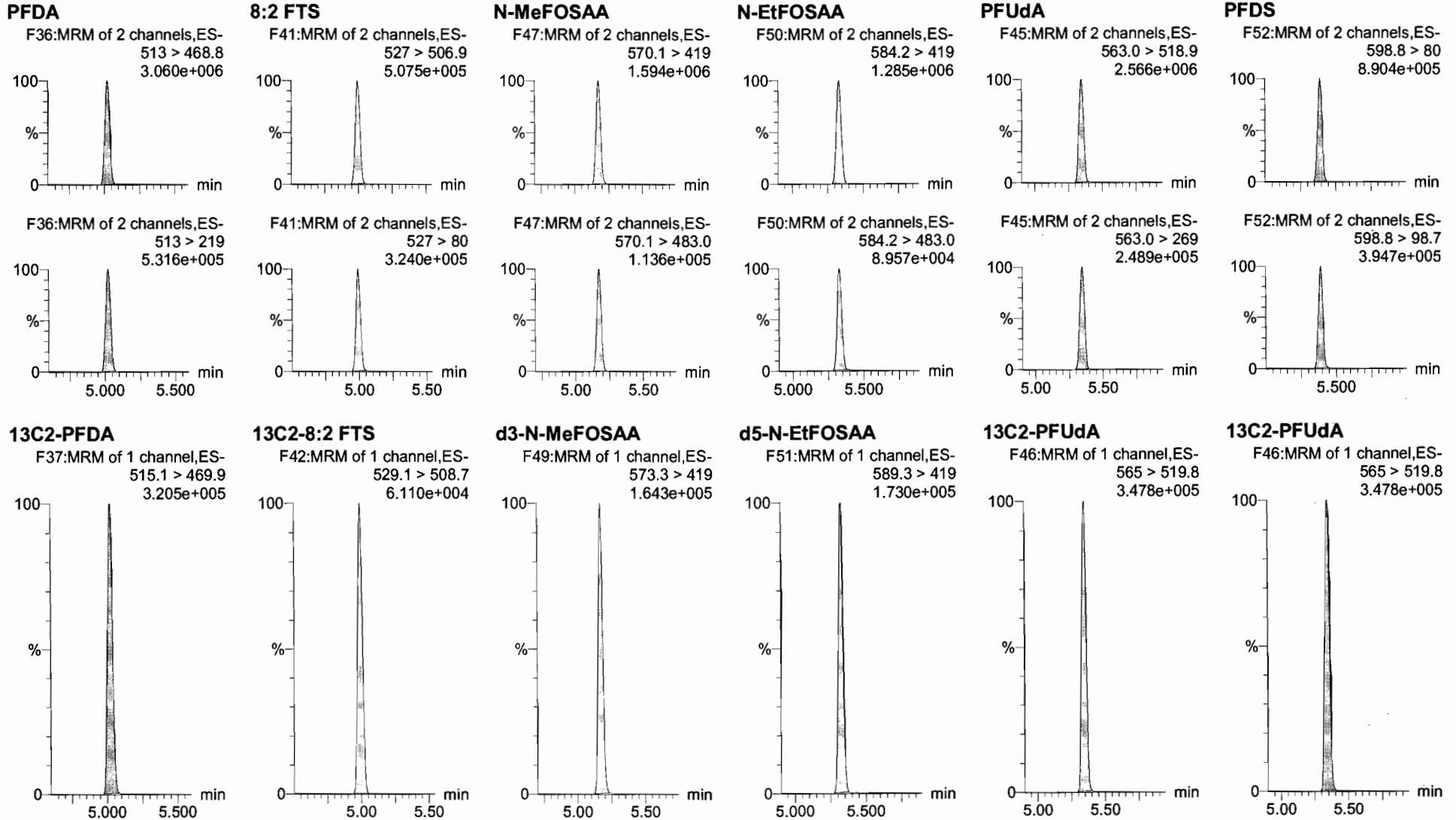
Name: 180129M1_9, Date: 29-Jan-2018, Time: 11:47:59, ID: ST180129M1-8 PFC CS5 18A1911, Description: PFC CS5 18A1911



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
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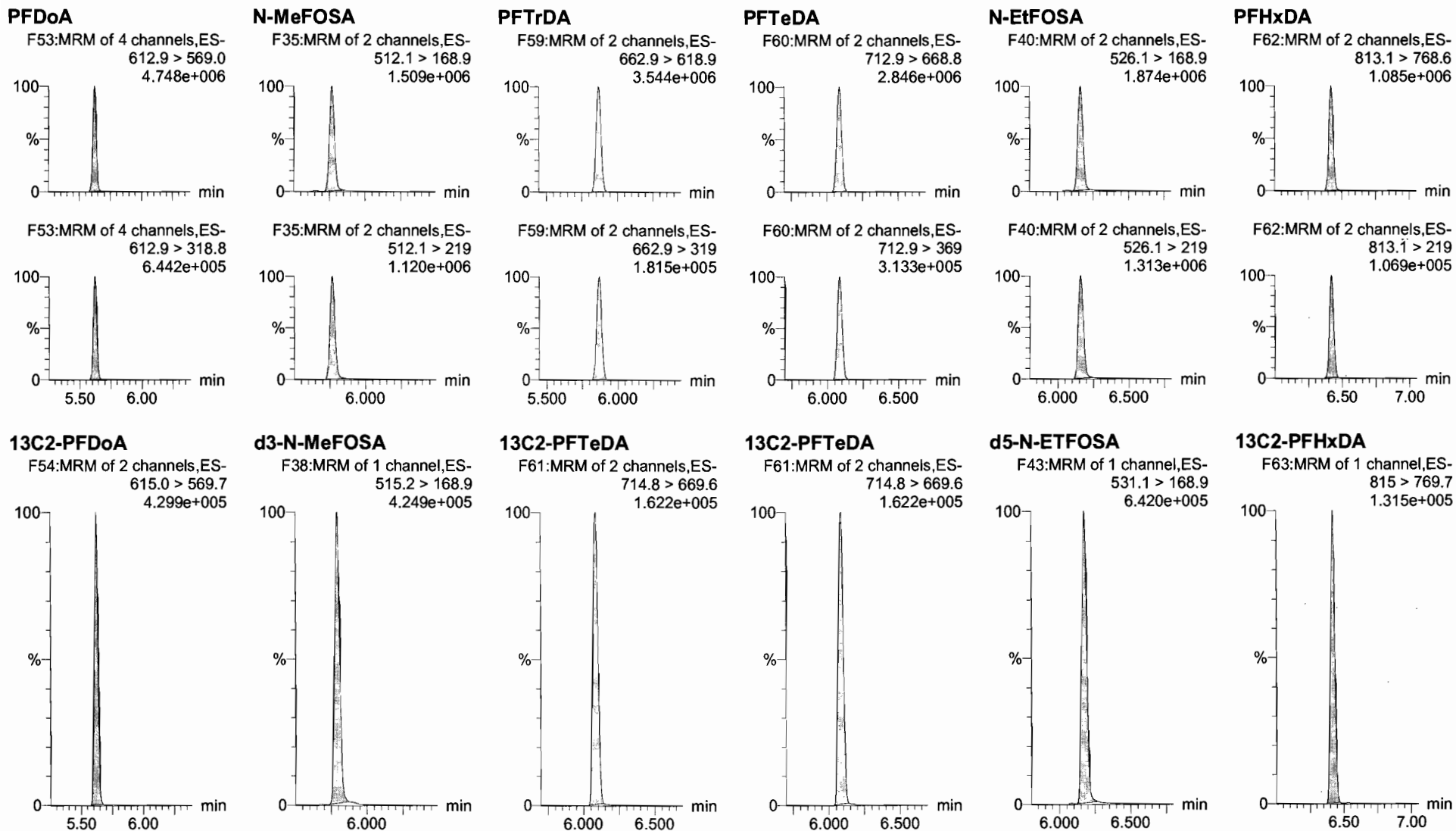
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Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
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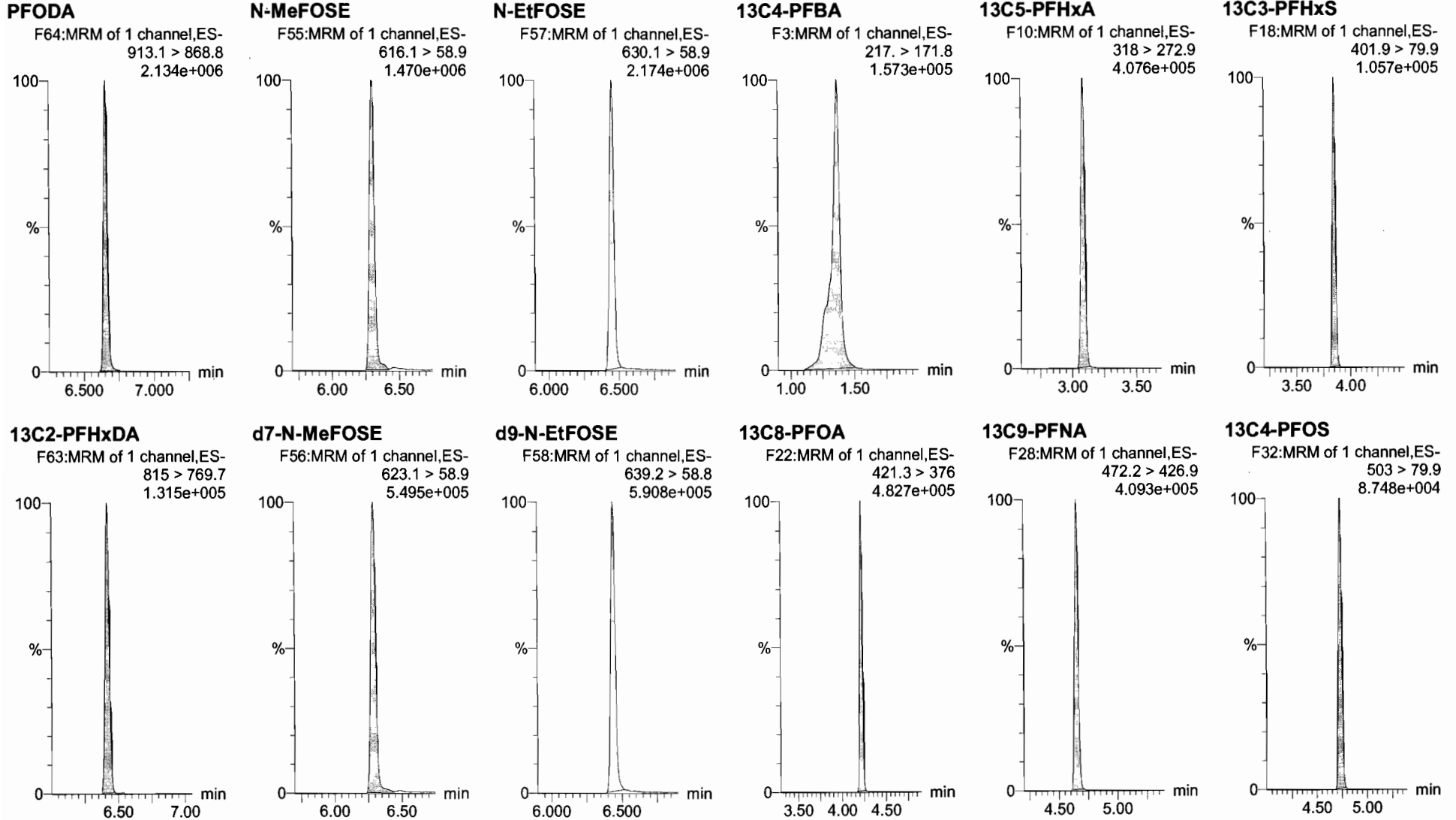
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Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
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Name: 180129M1_9, Date: 29-Jan-2018, Time: 11:47:59, ID: ST180129M1-8 PFC CS5 18A1911, Description: PFC CS5 18A1911



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

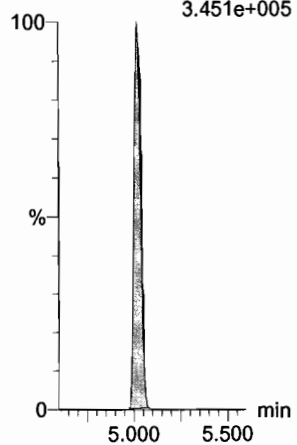
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

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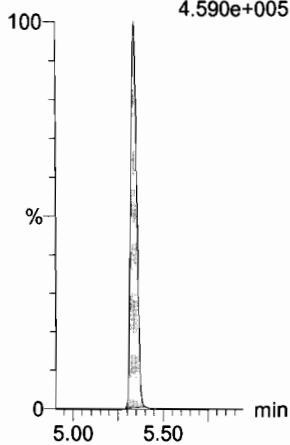
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
3.451e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8
4.590e+005

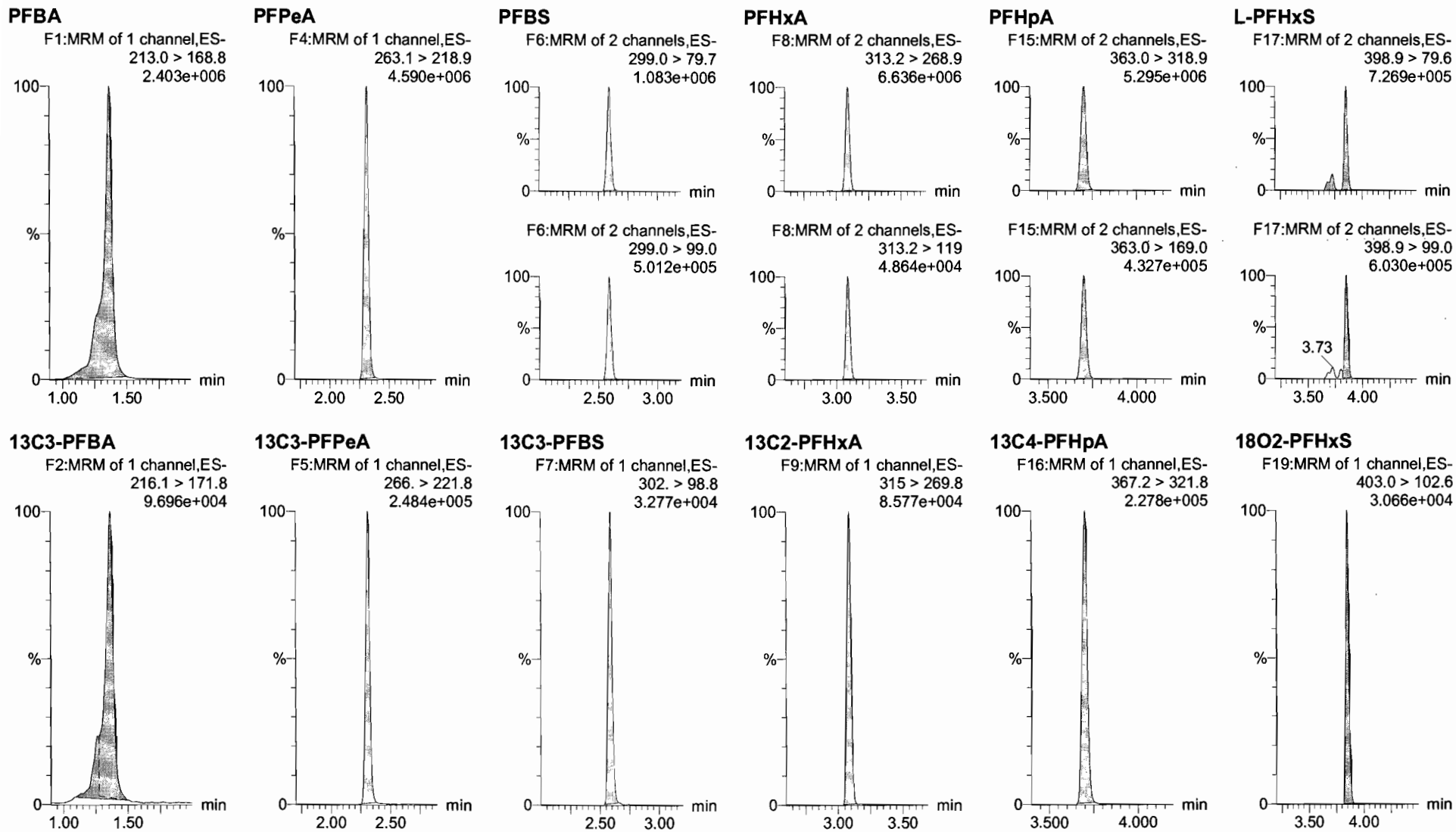


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Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_10, Date: 29-Jan-2018, Time: 11:59:26, ID: ST180129M1-9 PFC CS6 18A2403, Description: PFC CS6 18A2403

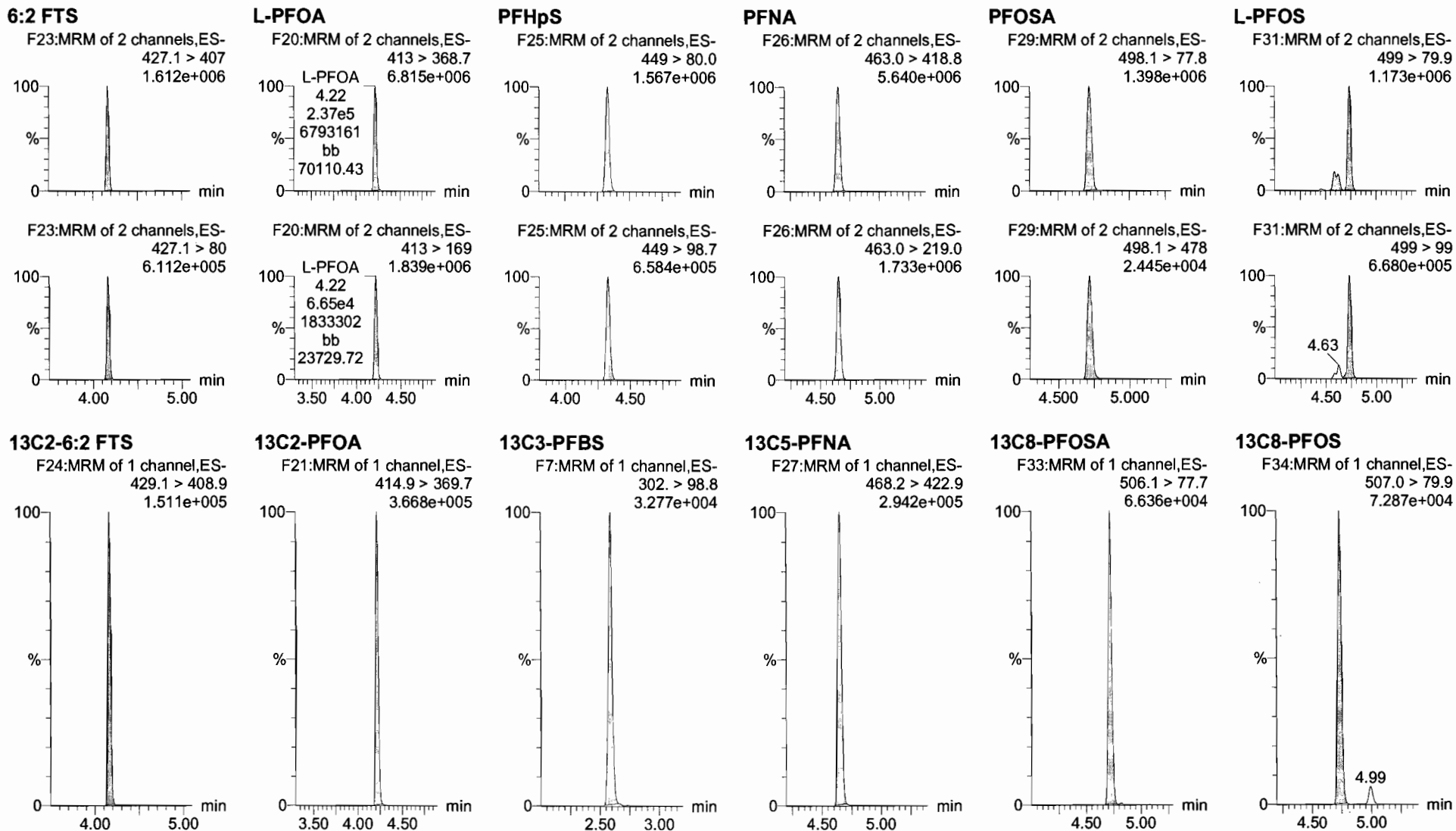


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_10, Date: 29-Jan-2018, Time: 11:59:26, ID: ST180129M1-9 PFC CS6 18A2403, Description: PFC CS6 18A2403



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

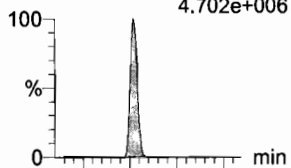
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

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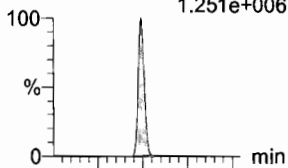
PFDA

F36:MRM of 2 channels,ES-
513 > 468.8
4.702e+006



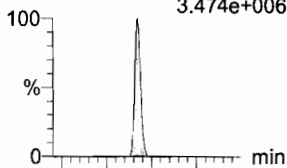
8:2 FTS

F41:MRM of 2 channels,ES-
527 > 506.9
1.251e+006



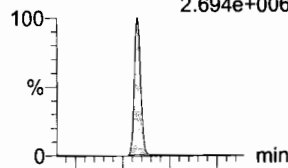
N-MeFOSAA

F47:MRM of 2 channels,ES-
570.1 > 419
3.474e+006



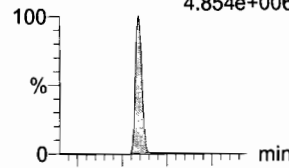
N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
2.694e+006



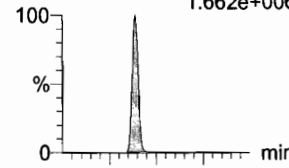
PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
4.854e+006

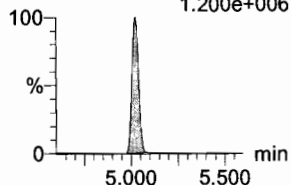


PFDS

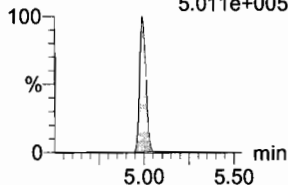
F52:MRM of 2 channels,ES-
598.8 > 80
1.662e+006



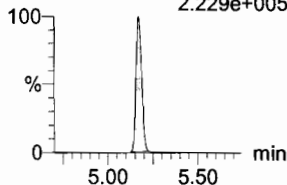
F36:MRM of 2 channels,ES-
513 > 219
1.200e+006



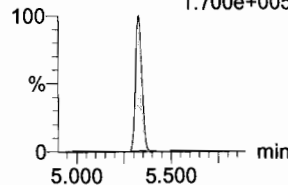
F41:MRM of 2 channels,ES-
527 > 80
5.011e+005



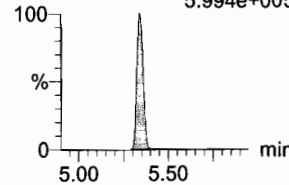
F47:MRM of 2 channels,ES-
570.1 > 483.0
2.229e+005



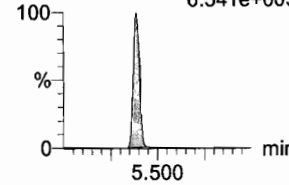
F50:MRM of 2 channels,ES-
584.2 > 483.0
1.700e+005



F45:MRM of 2 channels,ES-
563.0 > 269
5.994e+005

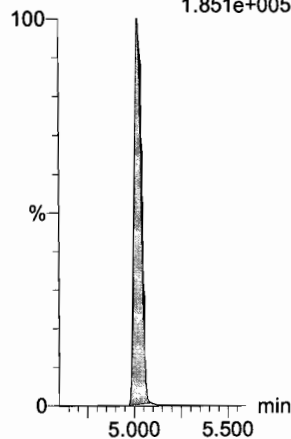


F52:MRM of 2 channels,ES-
598.8 > 98.7
6.541e+005



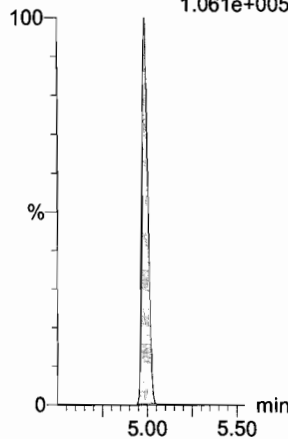
13C2-PFDA

F37:MRM of 1 channel,ES-
515.1 > 469.9
1.851e+005



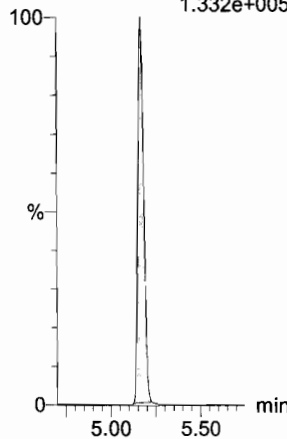
13C2-8:2 FTS

F42:MRM of 1 channel,ES-
529.1 > 508.7
1.061e+005



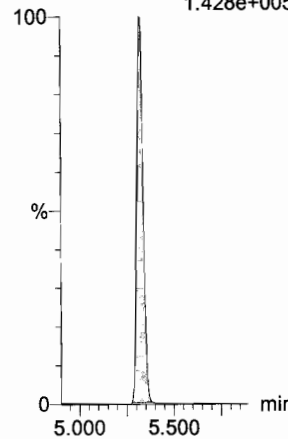
d3-N-MeFOSAA

F49:MRM of 1 channel,ES-
573.3 > 419
1.332e+005



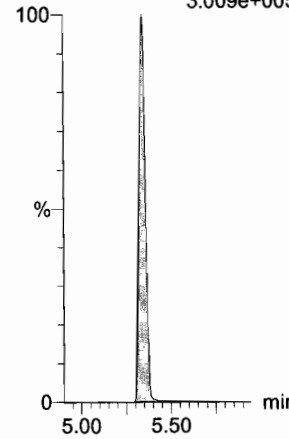
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
1.428e+005



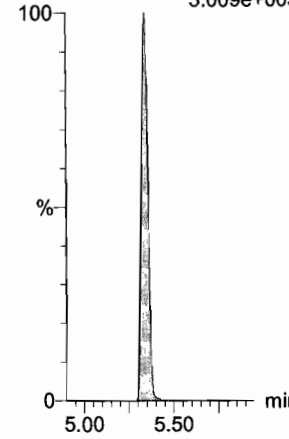
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.009e+005



13C2-PFUDa

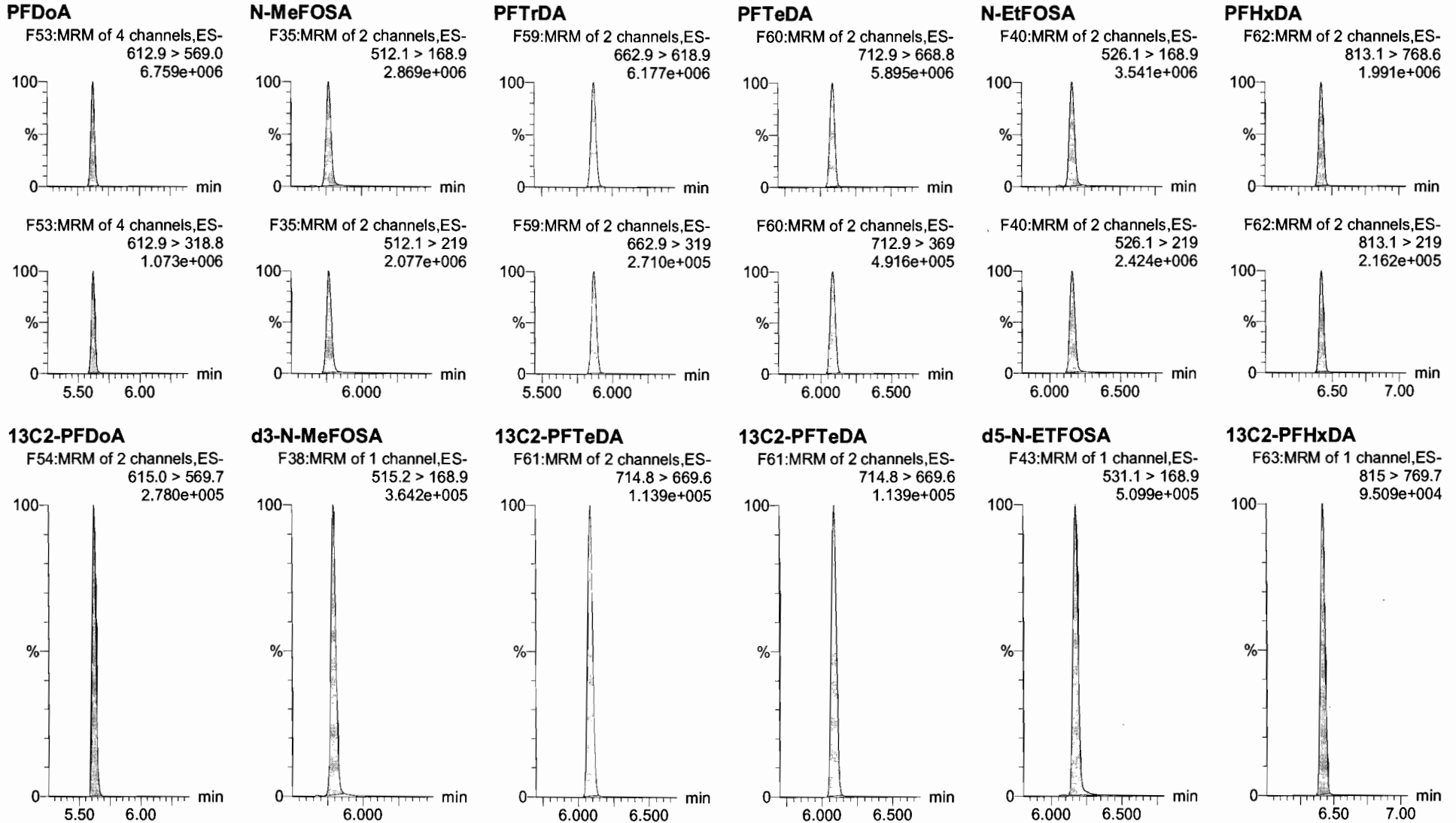
F46:MRM of 1 channel,ES-
565 > 519.8
3.009e+005



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_10, Date: 29-Jan-2018, Time: 11:59:26, ID: ST180129M1-9 PFC CS6 18A2403, Description: PFC CS6 18A2403

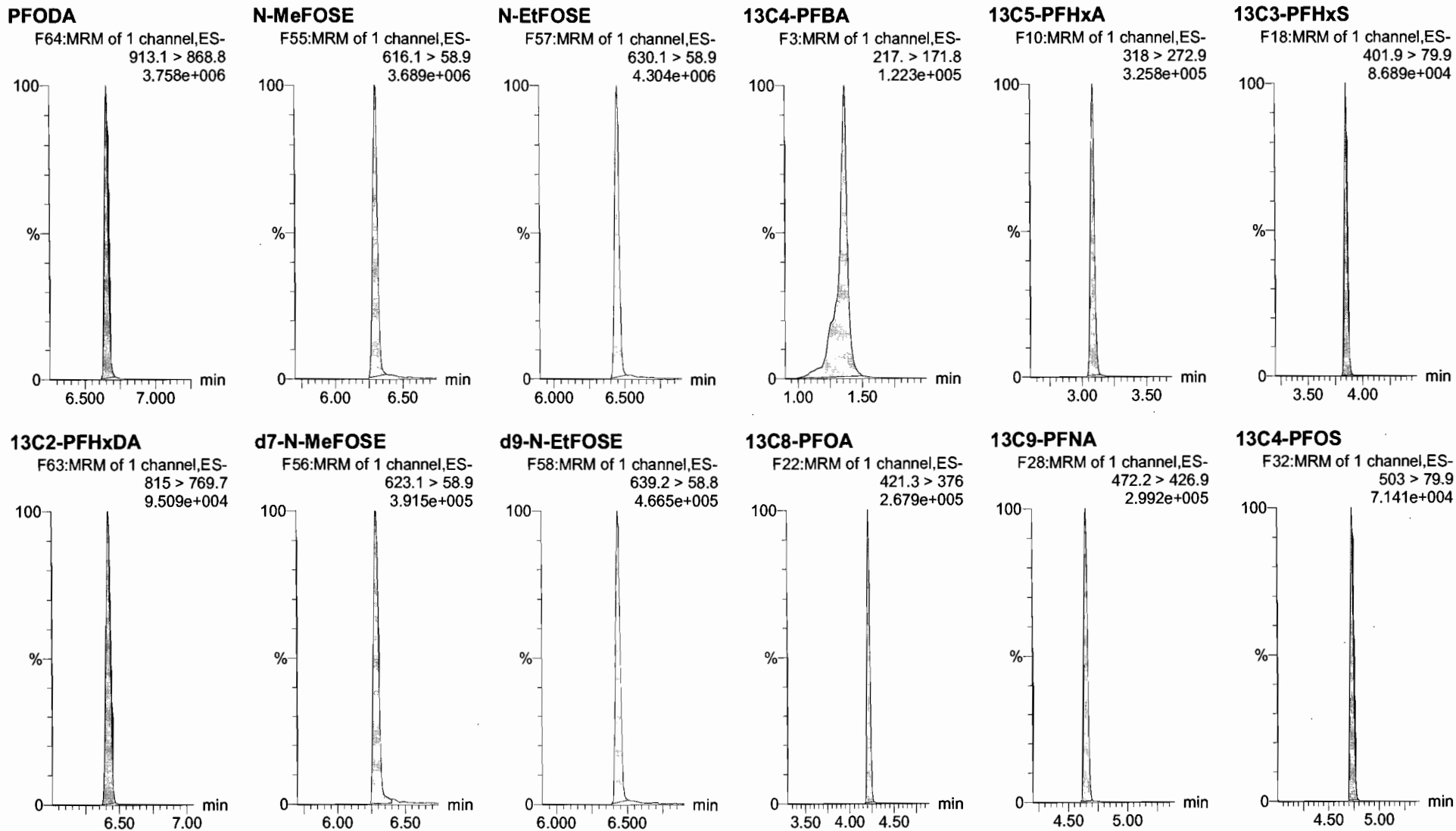


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_10, Date: 29-Jan-2018, Time: 11:59:26, ID: ST180129M1-9 PFC CS6 18A2403, Description: PFC CS6 18A2403



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

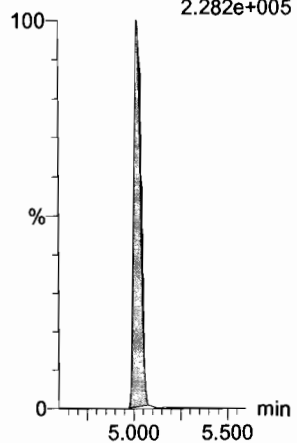
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_10, Date: 29-Jan-2018, Time: 11:59:26, ID: ST180129M1-9 PFC CS6 18A2403, Description: PFC CS6 18A2403

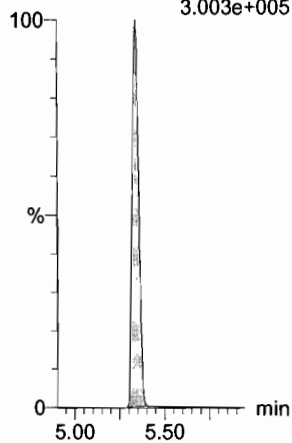
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
2.282e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8
3.003e+005



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

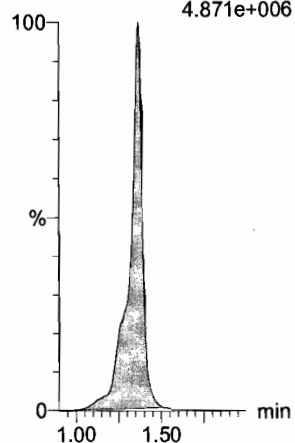
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_11, Date: 29-Jan-2018, Time: 12:10:56, ID: ST180129M1-10 PFC CS7 18A2404, Description: PFC CS7 18A2404

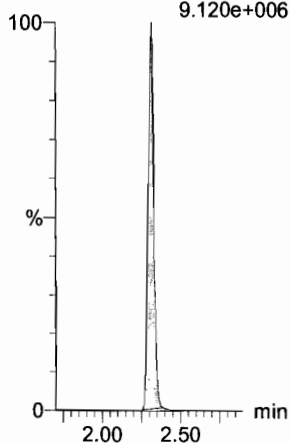
PFBA

F1:MRM of 1 channel,ES-
213.0 > 168.8
4.871e+006



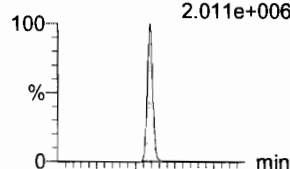
PFPeA

F4:MRM of 1 channel,ES-
263.1 > 218.9
9.120e+006

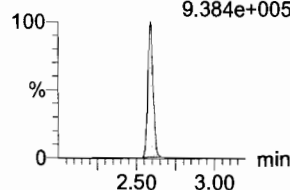


PFBS

F6:MRM of 2 channels,ES-
299.0 > 79.7
2.011e+006

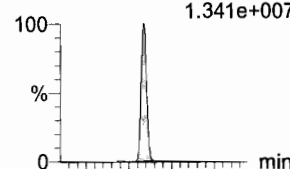


F6:MRM of 2 channels,ES-
299.0 > 99.0
9.384e+005

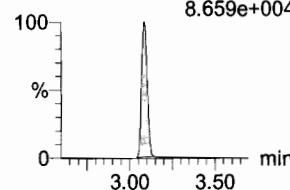


PFHxA

F8:MRM of 2 channels,ES-
313.2 > 268.9
1.341e+007

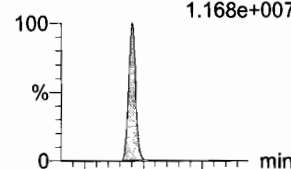


F8:MRM of 2 channels,ES-
313.2 > 119
8.659e+004

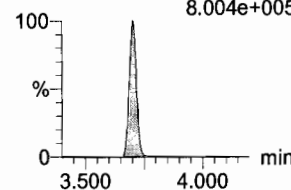


PFHpA

F15:MRM of 2 channels,ES-
363.0 > 318.9
1.168e+007

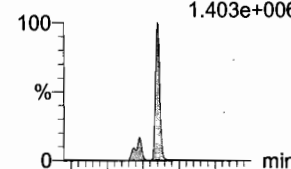


F15:MRM of 2 channels,ES-
363.0 > 169.0
8.004e+005

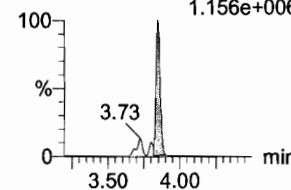


L-PFHxS

F17:MRM of 2 channels,ES-
398.9 > 79.6
1.403e+006

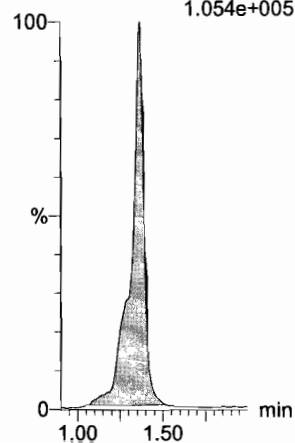


F17:MRM of 2 channels,ES-
398.9 > 99.0
1.156e+006



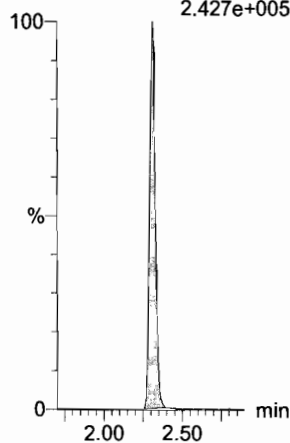
13C3-PFBA

F2:MRM of 1 channel,ES-
216.1 > 171.8
1.054e+005



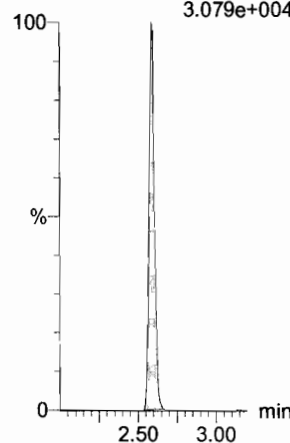
13C3-PFPeA

F5:MRM of 1 channel,ES-
266. > 221.8
2.427e+005



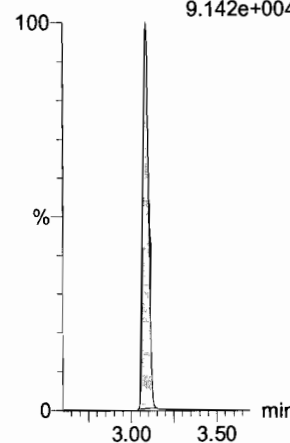
13C3-PFBS

F7:MRM of 1 channel,ES-
302. > 98.8
3.079e+004



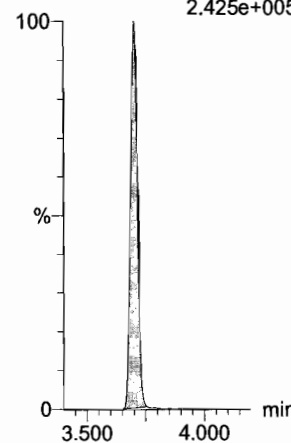
13C2-PFHxA

F9:MRM of 1 channel,ES-
315 > 269.8
9.142e+004



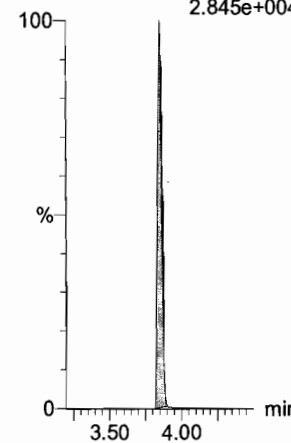
13C4-PFHpA

F16:MRM of 1 channel,ES-
367.2 > 321.8
2.425e+005



18O2-PFHxS

F19:MRM of 1 channel,ES-
403.0 > 102.6
2.845e+004

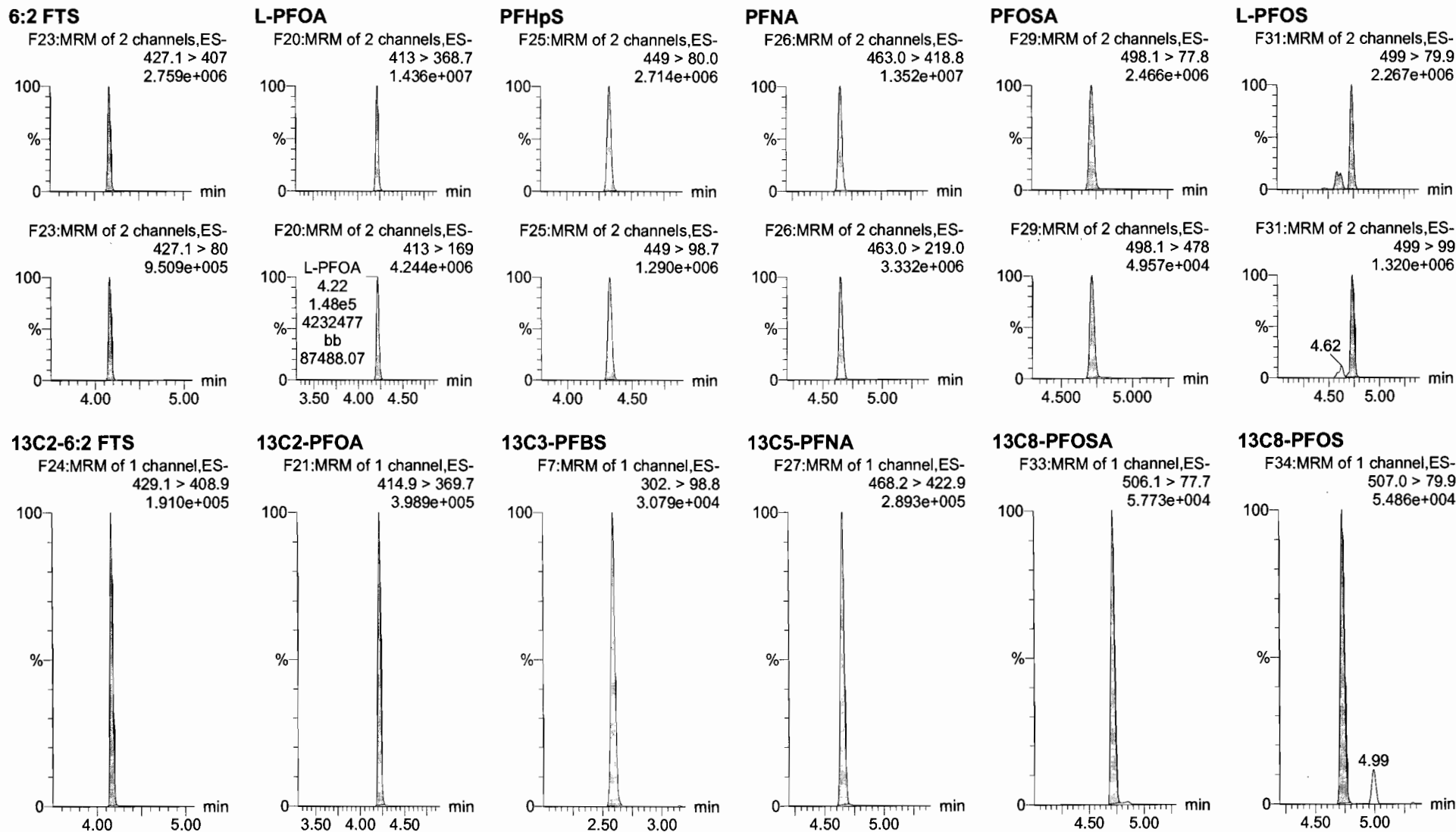


Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_11, Date: 29-Jan-2018, Time: 12:10:56, ID: ST180129M1-10 PFC CS7 18A2404, Description: PFC CS7 18A2404



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

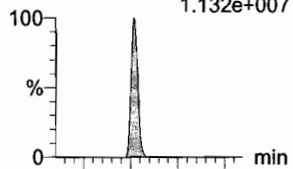
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_11, Date: 29-Jan-2018, Time: 12:10:56, ID: ST180129M1-10 PFC CS7 18A2404, Description: PFC CS7 18A2404

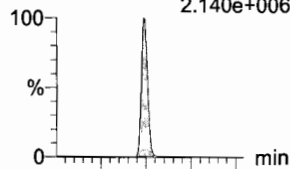
PFDA

F36:MRM of 2 channels,ES-
513 > 468.8
1.132e+007



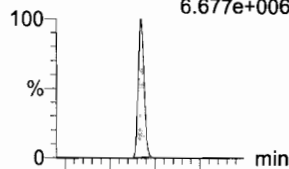
8:2 FTS

F41:MRM of 2 channels,ES-
527 > 506.9
2.140e+006



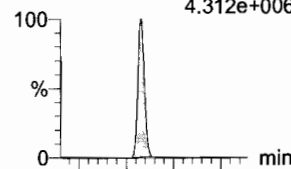
N-MeFOSAA

F47:MRM of 2 channels,ES-
570.1 > 419
6.677e+006



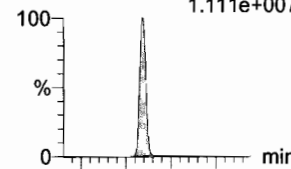
N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
4.312e+006



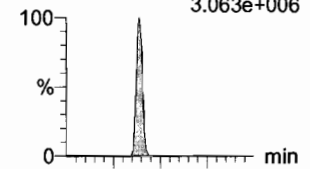
PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
1.111e+007

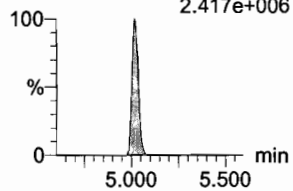


PFDS

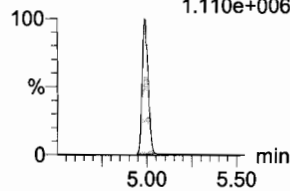
F52:MRM of 2 channels,ES-
598.8 > 80
3.063e+006



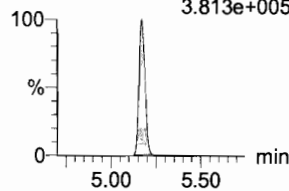
F36:MRM of 2 channels,ES-
513 > 219
2.417e+006



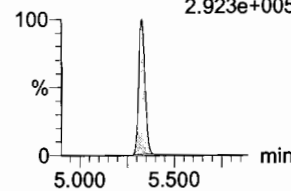
F41:MRM of 2 channels,ES-
527 > 80
1.110e+006



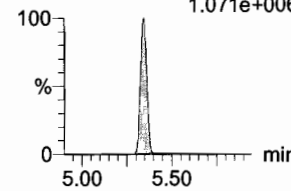
F47:MRM of 2 channels,ES-
570.1 > 483.0
3.813e+005



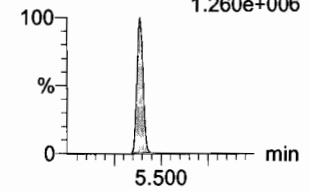
F50:MRM of 2 channels,ES-
584.2 > 483.0
2.923e+005



F45:MRM of 2 channels,ES-
563.0 > 269
1.071e+006

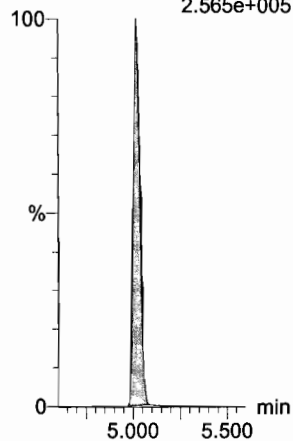


F52:MRM of 2 channels,ES-
598.8 > 98.7
1.260e+006



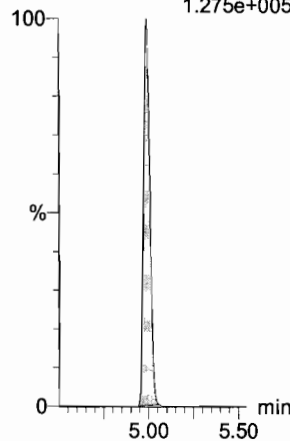
13C2-PFDA

F37:MRM of 1 channel,ES-
515.1 > 469.9
2.565e+005



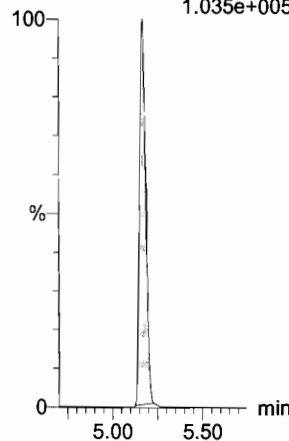
13C2-8:2 FTS

F42:MRM of 1 channel,ES-
529.1 > 508.7
1.275e+005



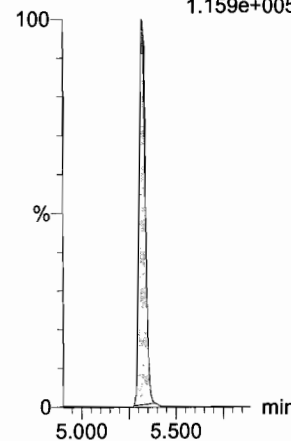
d3-N-MeFOSAA

F49:MRM of 1 channel,ES-
573.3 > 419
1.035e+005



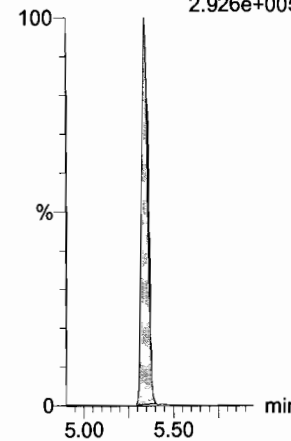
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
1.159e+005



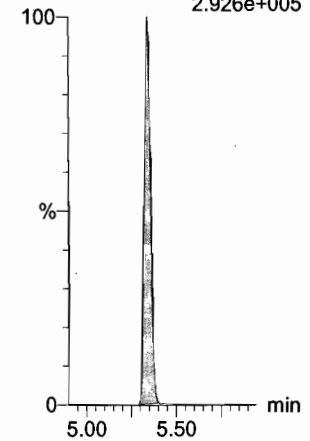
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
2.926e+005



13C2-PFUdA

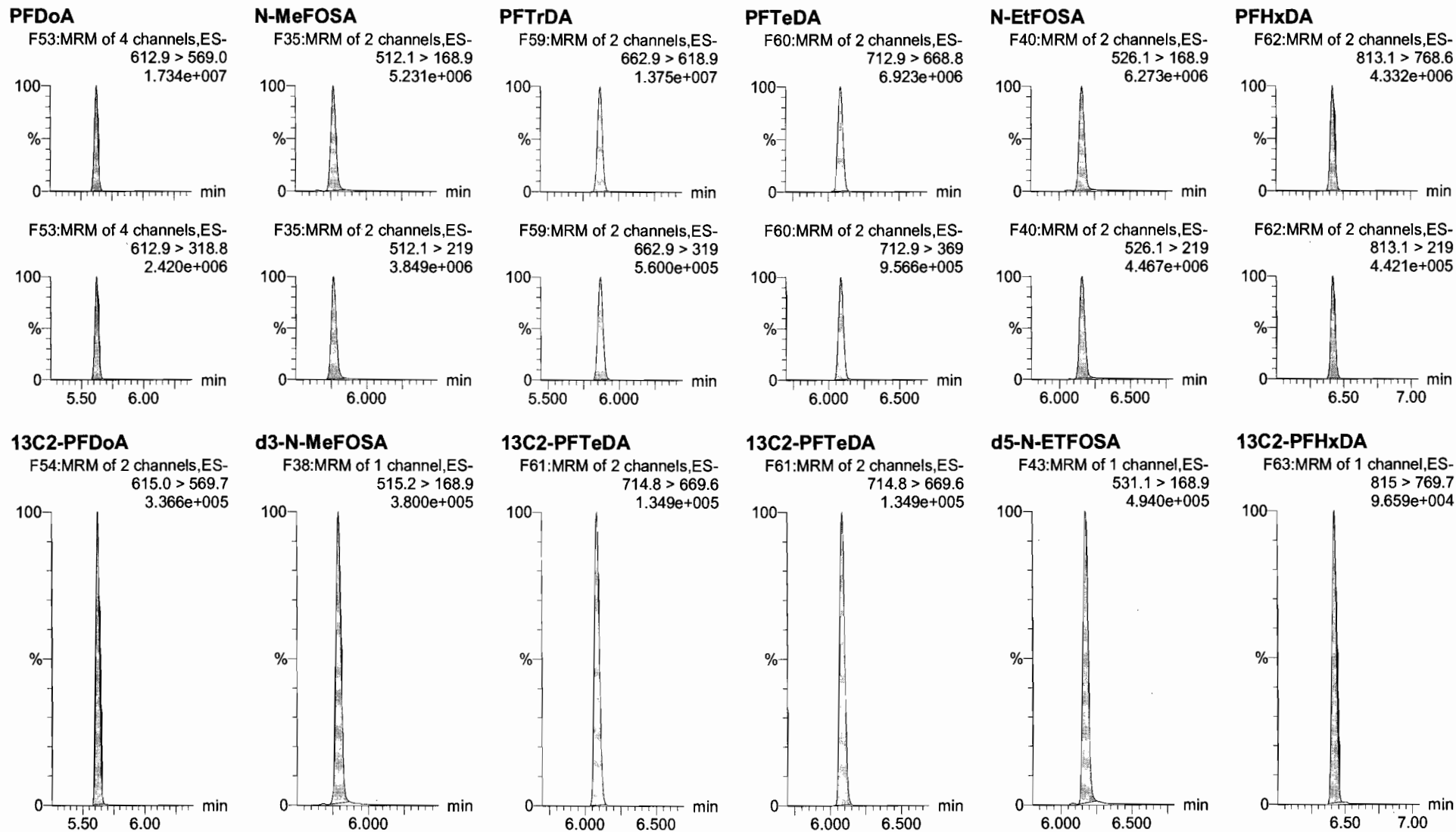
F46:MRM of 1 channel,ES-
565 > 519.8
2.926e+005



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time
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Name: 180129M1_11, Date: 29-Jan-2018, Time: 12:10:56, ID: ST180129M1-10 PFC CS7 18A2404, Description: PFC CS7 18A2404



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

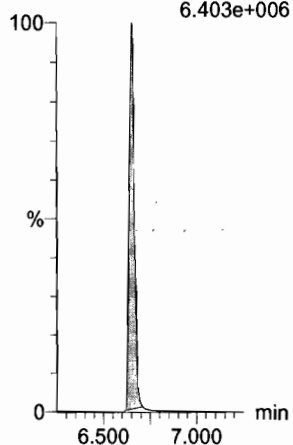
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_11, Date: 29-Jan-2018, Time: 12:10:56, ID: ST180129M1-10 PFC CS7 18A2404, Description: PFC CS7 18A2404

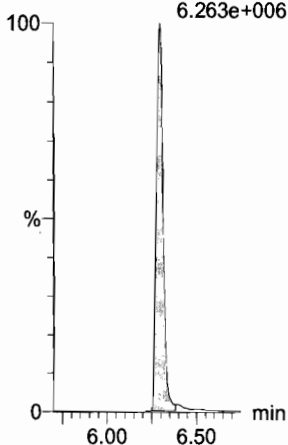
PFODA

F64:MRM of 1 channel,ES-
913.1 > 868.8
6.403e+006



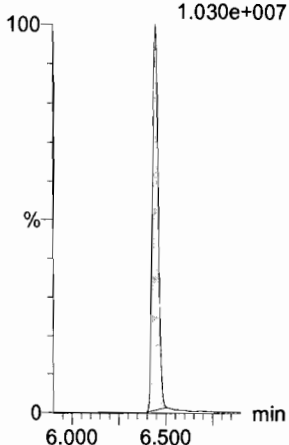
N-MeFOSE

F55:MRM of 1 channel,ES-
616.1 > 58.9
6.263e+006



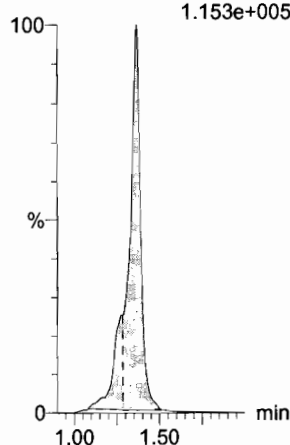
N-EtFOSE

F57:MRM of 1 channel,ES-
630.1 > 58.9
1.030e+007



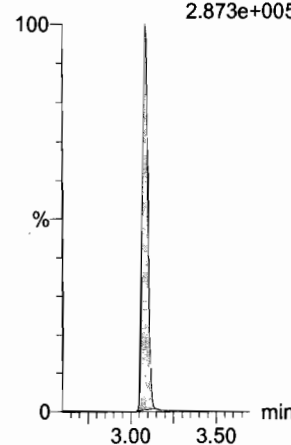
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.153e+005



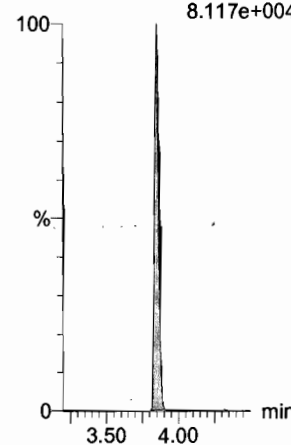
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
2.873e+005



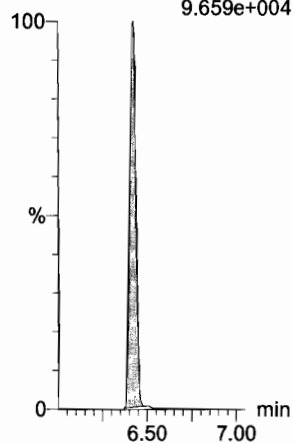
13C3-PFHxA

F18:MRM of 1 channel,ES-
401.9 > 79.9
8.117e+004



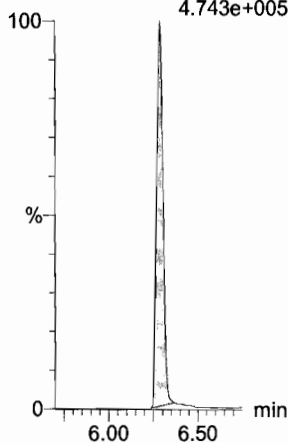
13C2-PFHxDA

F63:MRM of 1 channel,ES-
815 > 769.7
9.659e+004



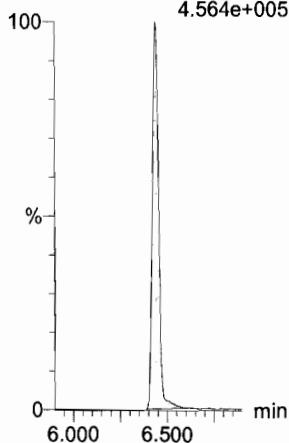
d9-N-MeFOSE

F56:MRM of 1 channel,ES-
623.1 > 58.9
4.743e+005



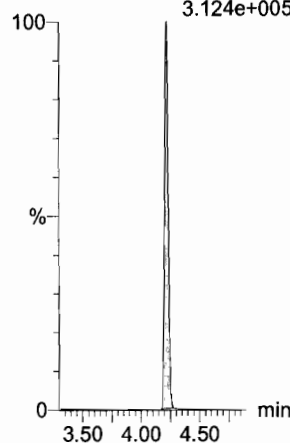
d9-N-EtFOSE

F58:MRM of 1 channel,ES-
639.2 > 58.8
4.564e+005



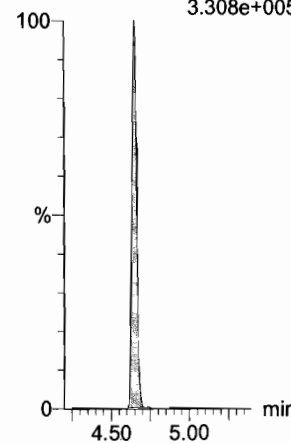
13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
3.124e+005



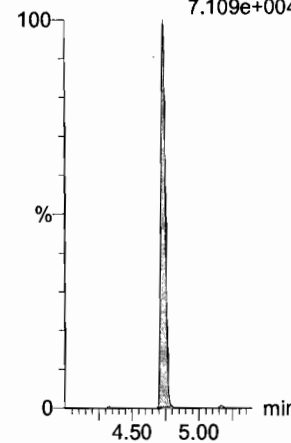
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
3.308e+005



13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
7.109e+004



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-CRV.qld

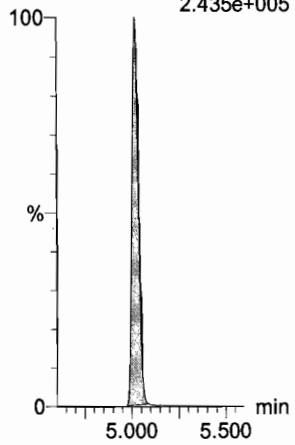
Last Altered: Tuesday, January 30, 2018 08:01:26 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:02:30 Pacific Standard Time

Name: 180129M1_11, Date: 29-Jan-2018, Time: 12:10:56, ID: ST180129M1-10 PFC CS7 18A2404, Description: PFC CS7 18A2404

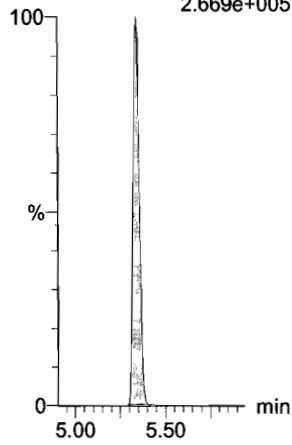
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
2.435e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8
2.669e+005



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-13.qld

Last Altered: Tuesday, January 30, 2018 08:37:51 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:38:23 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 26 Jan 2018 09:01:53

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Name: 180129M1_13, Date: 29-Jan-2018, Time: 12:33:53, ID: ICV180129M1-1 PFC ICV 18A1903, Description: PFC ICV 18A1903

AD
1/30/18
VJA.
01/30/2018

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	1.02e4	1.07e4	1.0000		1.29	1.37	11.9	10.022	100.2
2	2 PFPeA	263.1 > 218.9	1.08e4	1.23e4	1.0000		2.27	2.31	11.0	11.223	112.2
3	3 PFBS	299.0 > 79.7	2.21e3	1.68e3	1.0000		2.56	2.59	16.5	8.902	89.0
4	4 PFHxA	313.2 > 268.9	1.34e4	4.08e3	1.0000		3.05	3.09	16.4	10.910	109.1
5	5 PFHpA	363.0 > 318.9	1.21e4	1.10e4	1.0000		3.68	3.70	13.7	10.943	109.4
6	6 L-PFHxS	398.9 > 79.6	1.64e3	1.19e3	1.0000		3.80	3.85	17.3	9.673	96.7
7	8 6:2 FTS	427.1 > 407	2.32e3	1.52e4	1.0000		4.15	4.17	1.91	8.356	83.6
8	9 L-PFOA	413 > 368.7	1.17e4	1.52e4	1.0000		4.20	4.22	9.64	9.695	97.0
9	11 PFHpS	449 > 80.0	2.68e3	3.44e3	1.0000		4.30	4.33	9.73	8.823	88.2
10	12 PFNA	463.0 > 418.8	1.27e4	1.59e4	1.0000		4.65	4.65	10.0	7.550	75.5
11	13 PFOSA	498.1 > 77.8	2.94e3	3.29e3	1.0000		4.70	4.72	11.2	10.431	104.3
12	14 L-PFOS	499 > 79.9	2.50e3	3.44e3	1.0000		4.75	4.73	9.09	8.916	89.2
13	16 PFDA	513 > 468.8	1.64e4	1.44e4	1.0000		5.03	5.02	14.3	11.116	111.2
14	17 8:2 FTS	527 > 506.9	2.43e3	1.44e4	1.0000		5.00	4.99	2.11	7.327	73.3
15	18 N-MeFOSAA	570.1 > 419	7.91e3	6.09e3	1.0000		5.20	5.18	16.2	12.877	128.8
16	19 N-EtFOSAA	584.2 > 419	6.19e3	7.66e3	1.0000		5.30	5.33	10.1	9.581	95.8
17	20 PFUdA	563.0 > 518.9	1.31e4	1.45e4	1.0000		5.36	5.34	11.3	12.498	125.0
18	21 PFDS	598.8 > 80	2.87e3	1.40e4	1.0000		5.40	5.39	2.56	7.593	75.9
19	22 PFDoA	612.9 > 569.0	1.53e4	1.40e4	1.0000		5.65	5.62	13.6	9.747	97.5
20	23 N-MeFOSA	512.1 > 168.9		1.83e4	1.0000		5.70				
21	24 PFTrDA	662.9 > 618.9	1.69e4	1.40e4	1.0000		5.90	5.87	15.1	9.130	91.3
22	25 PFTeDA	712.9 > 668.8	1.06e4	6.04e3	1.0000		6.12	6.09	21.9	10.941	109.4
23	26 N-EtFOSA	526.1 > 168.9		2.80e4	1.0000		6.12				
24	27 PFHxDA	813.1 > 768.6		3.48e3	1.0000		6.46				
25	28 PFODA	913.1 > 868.8		3.48e3	1.0000		6.70				
26	29 N-MeFOSE	616.1 > 58.9		2.32e4	1.0000		6.31				
27	30 N-EtFOSE	630.1 > 58.9		2.28e4	1.0000		6.45				
28	31 13C3-PFBA	216.1 > 171.8	1.07e4	1.23e4	1.0000	0.861	1.30	1.36	10.8	12.594	100.8
29	32 13C3-PFPeA	266. > 221.8	1.23e4	1.32e4	1.0000	0.860	2.27	2.31	11.7	13.548	108.4
30	33 13C3-PFBS	302. > 98.8	1.68e3	1.32e4	1.0000	0.106	2.56	2.59	1.58	14.979	119.8
31	Work Order 180129M1-13	315 > 269.8	4.08e3	1.32e4	1.0000	0.705	3.05	3.09	3.85	5.469	109.4

70-130
↓

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-13.qld

Last Altered: Tuesday, January 30, 2018 08:37:51 Pacific Standard Time

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Name: 180129M1_13, Date: 29-Jan-2018, Time: 12:33:53, ID: ICV180129M1-1 PFC ICV 18A1903, Description: PFC ICV 18A1903

	# Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
32	35 13C4-PFHpA	367.2 > 321.8	1.10e4	1.32e4	1.0000	0.688	3.68	3.70	10.4	15.146	121.2
33	36 18O2-PFHxS	403.0 > 102.6	1.19e3	3.88e3	1.0000	0.348	3.80	3.85	3.83	10.989	87.9
34	37 13C2-6:2 FTS	429.1 > 408.9	3.43e3	1.29e4	1.0000	0.238	4.15	4.17	3.34	14.023	112.2
35	38 13C2-PFOA	414.9 > 369.7	1.52e4	1.29e4	1.0000	1.190	4.20	4.22	14.8	12.412	99.3
36	39 13C5-PFNA	468.2 > 422.9	1.59e4	1.43e4	1.0000	0.999	4.65	4.65	13.9	13.915	111.3
37	40 13C8-PFOSA	506.1 > 77.7	3.29e3	1.60e4	1.0000	0.211	4.70	4.72	2.56	12.134	97.1
38	41 13C8-PFOS	507.0 > 79.9	3.44e3	2.95e3	1.0000	0.957	4.75	4.73	14.6	15.248	122.0
39	42 13C2-PFDA	515.1 > 469.9	1.44e4	1.36e4	1.0000	0.965	5.03	5.02	13.2	13.688	109.5
40	43 13C2-8:2 FTS	529.1 > 508.7	2.52e3	1.32e4	1.0000	0.162	5.00	4.99	2.38	14.691	117.5
41	44 d3-N-MeFOSAA	573.3 > 419	6.09e3	1.60e4	1.0000	0.398	5.20	5.17	4.75	11.929	95.4
42	45 d5-N-EtFOSAA	589.3 > 419	7.66e3	1.60e4	1.0000	0.435	5.30	5.33	5.97	13.720	109.8
43	46 13C2-PFUdA	565 > 519.8	1.45e4	1.60e4	1.0000	1.057	5.36	5.34	11.3	10.664	85.3
44	47 13C2-PFDoA	615.0 > 569.7	1.40e4	1.60e4	1.0000	0.851	5.65	5.62	10.9	12.834	102.7
45	48 d3-N-MeFOSA	515.2 > 168.9	1.83e4	1.60e4	1.0000	0.098	5.70	5.79	14.3	146.380	97.6
46	49 13C2-PFTeDA	714.8 > 669.6	6.04e3	1.60e4	1.0000	0.403	6.12	6.09	4.71	11.677	93.4
47	50 d5-N-ETFOSA	531.1 > 168.9	2.80e4	1.60e4	1.0000	0.149	6.25	6.17	21.8	146.813	97.9
48	51 13C2-PFHxDA	815 > 769.7	3.48e3	1.60e4	1.0000	0.745	6.46	6.42	2.71	3.642	72.8
49	52 d7-N-MeFOSE	623.1 > 58.9	2.32e4	1.60e4	1.0000	0.118	6.31	6.28	18.1	153.554	102.4
50	53 d9-N-EtFOSE	639.2 > 58.8	2.28e4	1.60e4	1.0000	0.115	6.12	6.44	17.8	155.136	103.4
51	54 13C4-PFBA	217. > 171.8	1.23e4	1.23e4	1.0000	1.000	1.30	1.37	12.5	12.500	100.0
52	55 13C5-PFHxA	318 > 272.9	1.32e4	1.32e4	1.0000	1.000	3.05	3.09	12.5	12.500	100.0
53	56 13C3-PFHxS	401.9 > 79.9	3.88e3	3.88e3	1.0000	1.000	3.80	3.85	12.5	12.500	100.0
54	57 13C8-PFOA	421.3 > 376	1.29e4	1.29e4	1.0000	1.000	4.20	4.22	12.5	12.500	100.0
55	58 13C9-PFNA	472.2 > 426.9	1.43e4	1.43e4	1.0000	1.000	4.65	4.65	12.5	12.500	100.0
56	59 13C4-PFOS	503 > 79.9	2.95e3	2.95e3	1.0000	1.000	4.60	4.73	12.5	12.500	100.0
57	60 13C6-PFDA	519.1 > 473.7	1.36e4	1.36e4	1.0000	1.000	5.03	5.02	12.5	12.500	100.0
58	61 13C7-PFUdA	570.1 > 524.8	1.60e4	1.60e4	1.0000	1.000	5.36	5.34	12.5	12.500	100.0

Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-13.qld

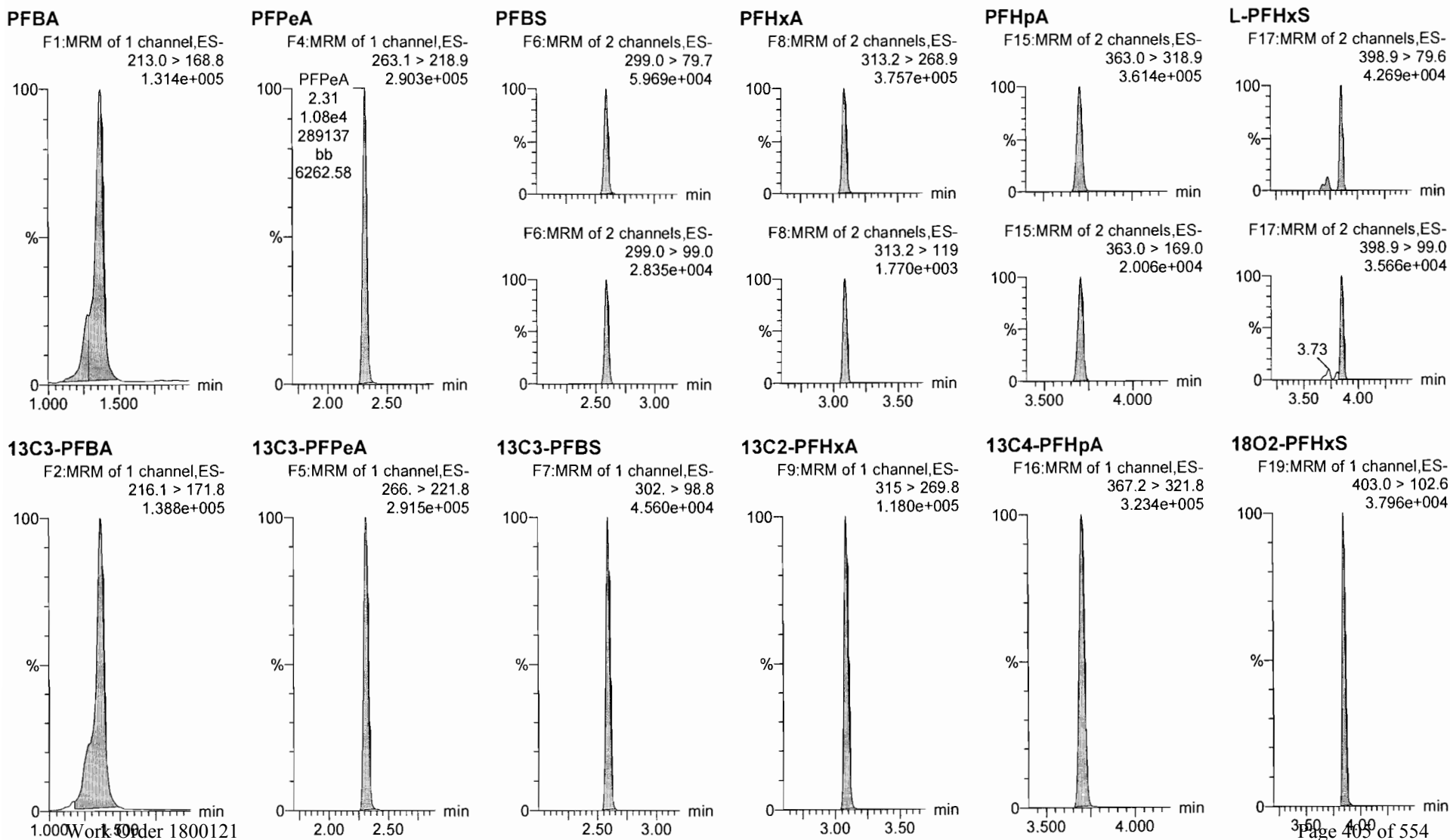
Last Altered: Tuesday, January 30, 2018 08:37:51 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:38:23 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_012518.mdb 26 Jan 2018 09:01:53

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-29-18-FULL.cdb 30 Jan 2018 08:15:32

Name: 180129M1_13, Date: 29-Jan-2018, Time: 12:33:53, ID: ICV180129M1-1 PFC ICV 18A1903, Description: PFC ICV 18A1903

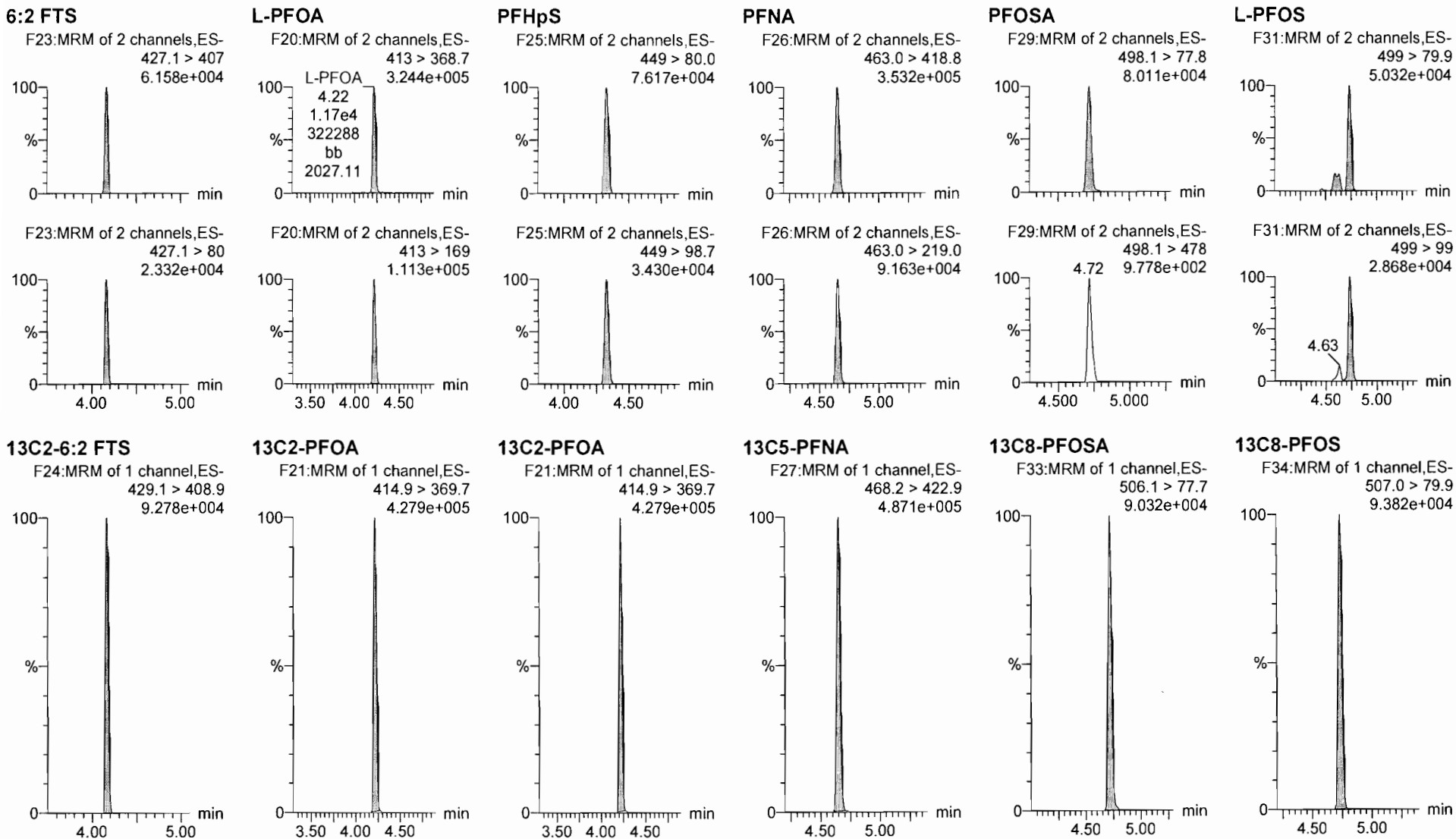


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Printed: Tuesday, January 30, 2018 08:38:23 Pacific Standard Time

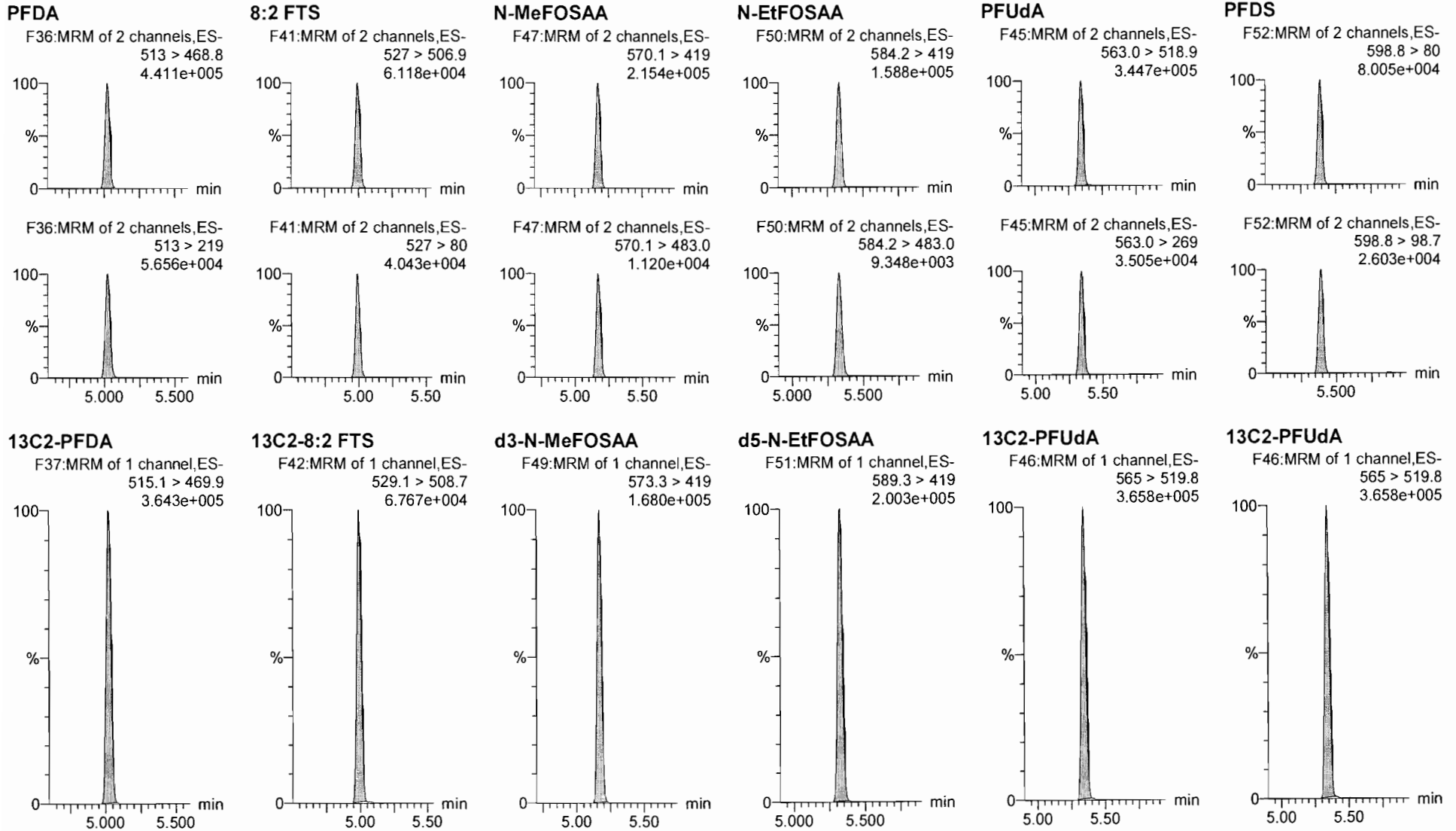
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Last Altered: Tuesday, January 30, 2018 08:37:51 Pacific Standard Time
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Name: 180129M1_13, Date: 29-Jan-2018, Time: 12:33:53, ID: ICV180129M1-1 PFC ICV 18A1903, Description: PFC ICV 18A1903



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-13.qld

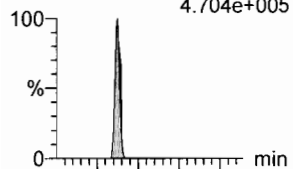
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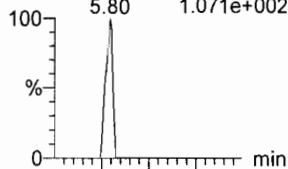
PFDoA

F53:MRM of 4 channels,ES-
612.9 > 569.0
4.704e+005



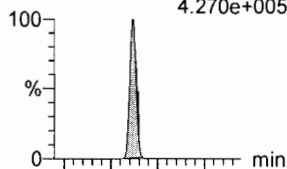
N-MeFOSA

F35:MRM of 2 channels,ES-
512.1 > 168.9
1.071e+002



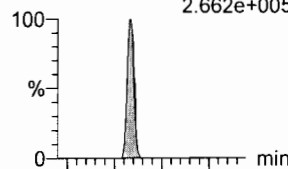
PFTrDA

F59:MRM of 2 channels,ES-
662.9 > 618.9
4.270e+005



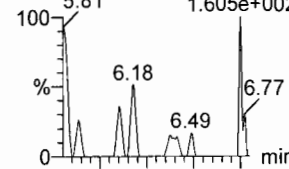
PFTeDA

F60:MRM of 2 channels,ES-
712.9 > 668.8
2.662e+005



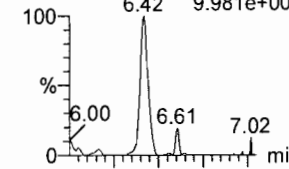
N-EtFOSA

F40:MRM of 2 channels,ES-
526.1 > 168.9
1.605e+002

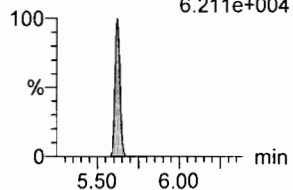


PFHxDA

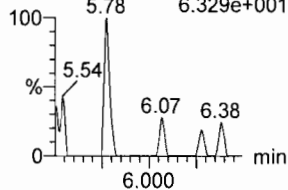
F62:MRM of 2 channels,ES-
813.1 > 768.6
9.981e+002



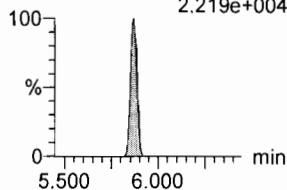
F53:MRM of 4 channels,ES-
612.9 > 318.8
6.211e+004



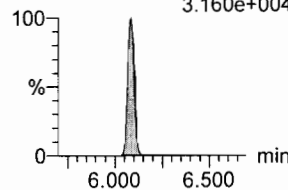
F35:MRM of 2 channels,ES-
512.1 > 219
6.329e+001



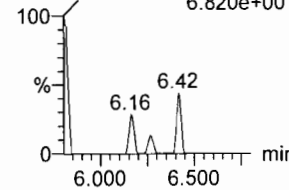
F59:MRM of 2 channels,ES-
662.9 > 319
2.219e+004



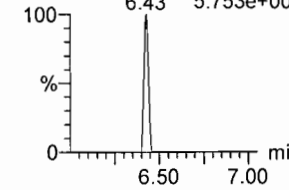
F60:MRM of 2 channels,ES-
712.9 > 369
3.160e+004



F40:MRM of 2 channels,ES-
526.1 > 219
6.820e+001

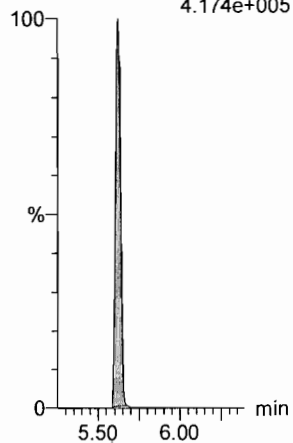


F62:MRM of 2 channels,ES-
813.1 > 219
5.753e+001



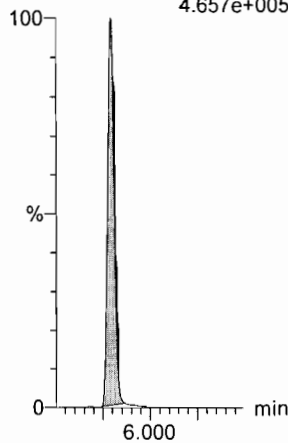
13C2-PFDoA

F54:MRM of 2 channels,ES-
615.0 > 569.7
4.174e+005



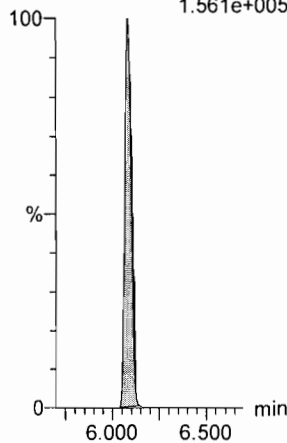
d3-N-MeFOSA

F38:MRM of 1 channel,ES-
515.2 > 168.9
4.657e+005



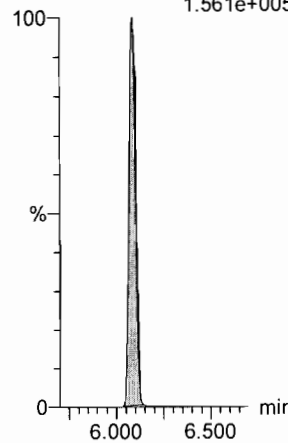
13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6
1.561e+005



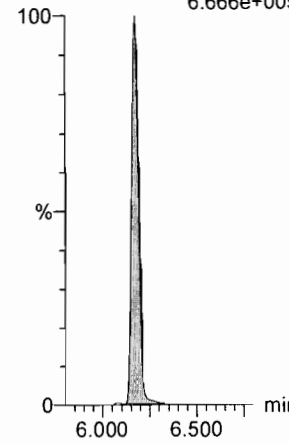
13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6
1.561e+005



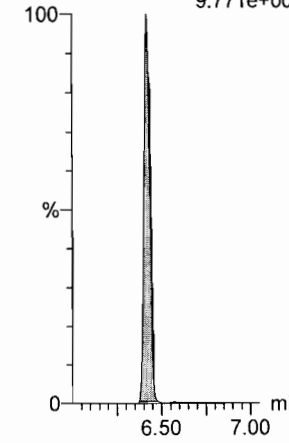
d5-N-ETFOSA

F43:MRM of 1 channel,ES-
531.1 > 168.9
6.666e+005



13C2-PFHxDA

F63:MRM of 1 channel,ES-
815 > 769.7
9.771e+004

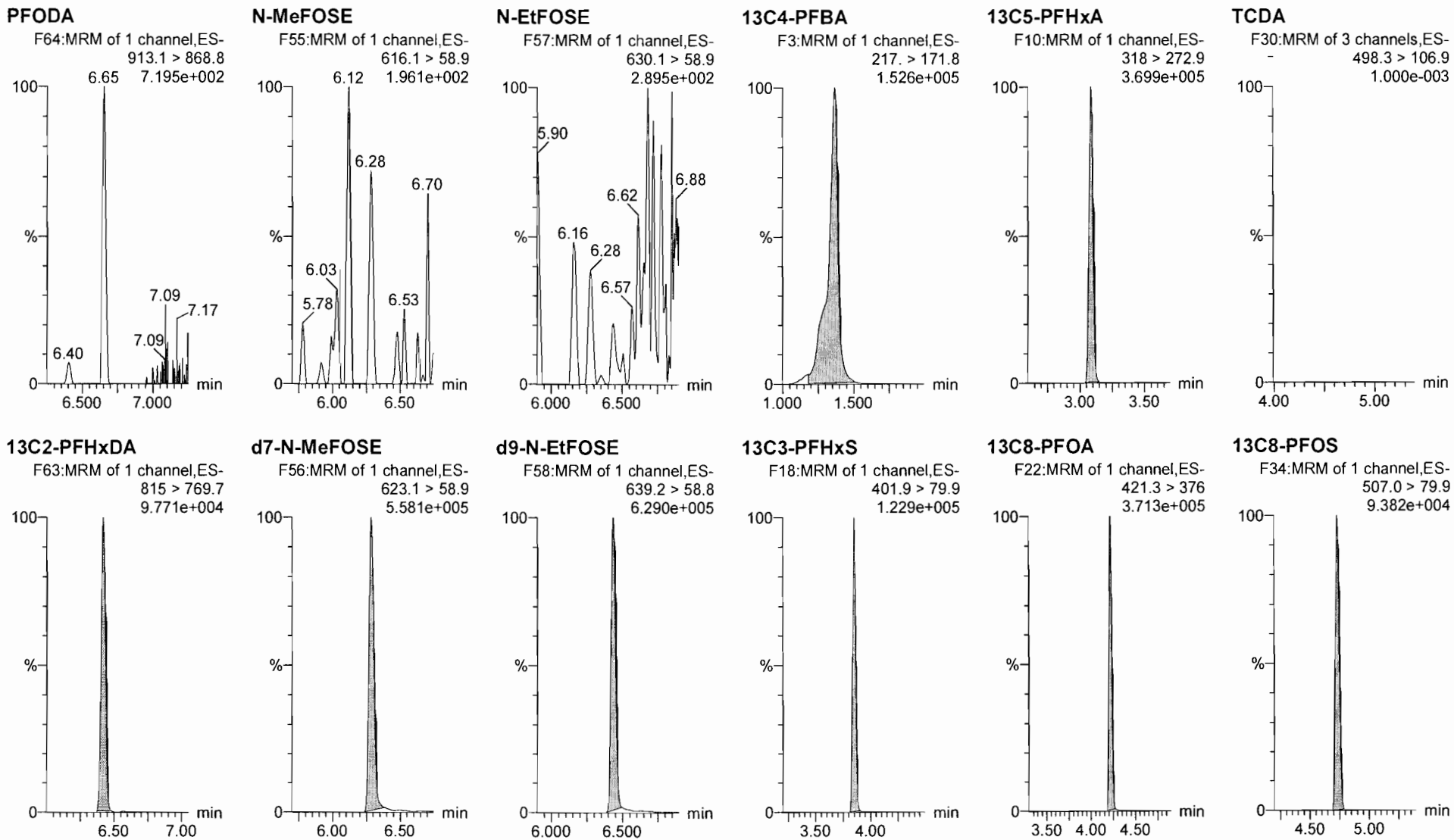


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Last Altered: Tuesday, January 30, 2018 08:37:51 Pacific Standard Time

Printed: Tuesday, January 30, 2018 08:38:23 Pacific Standard Time

Name: 180129M1_13, Date: 29-Jan-2018, Time: 12:33:53, ID: ICV180129M1-1 PFC ICV 18A1903, Description: PFC ICV 18A1903



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-13.qld

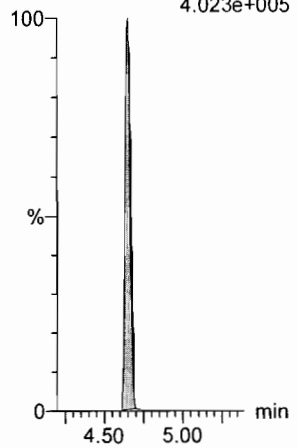
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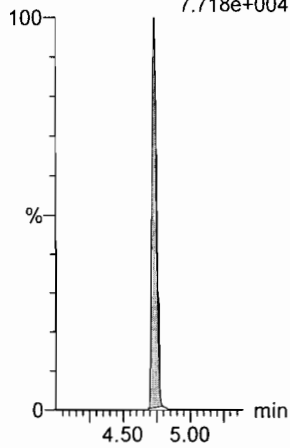
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
4.023e+005



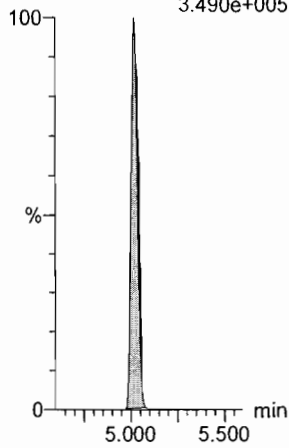
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
7.718e+004



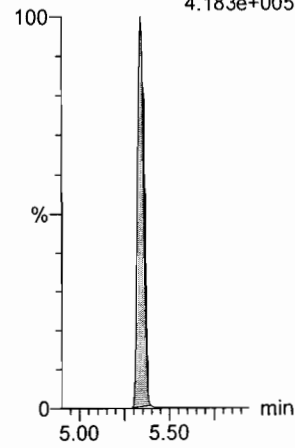
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
3.490e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8
4.183e+005



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Last Altered: Tuesday, January 30, 2018 08:41:59 Pacific Standard Time

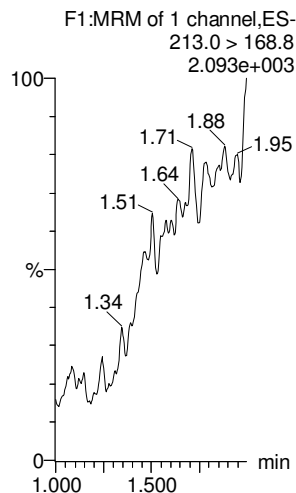
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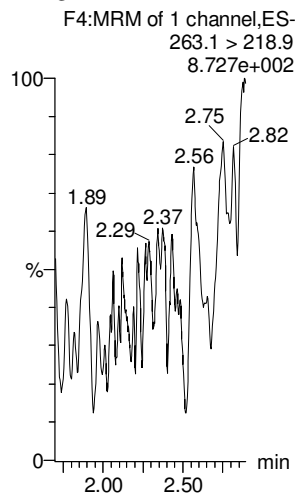
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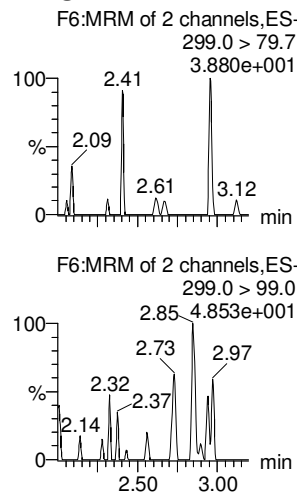
PFBA



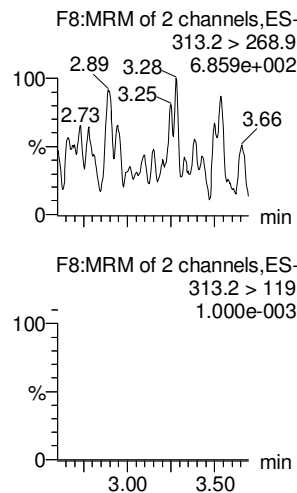
PFPeA



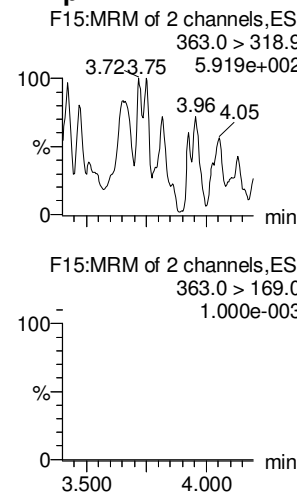
PFBS



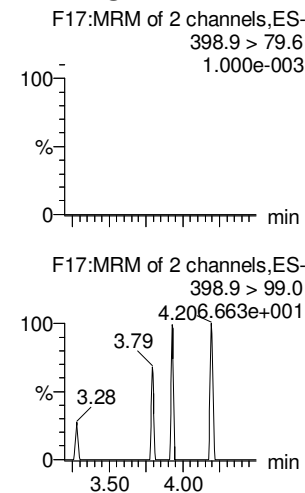
PFHxA



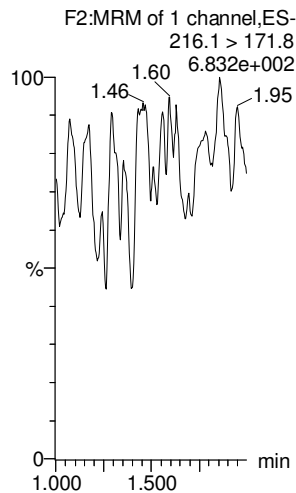
PFHpA



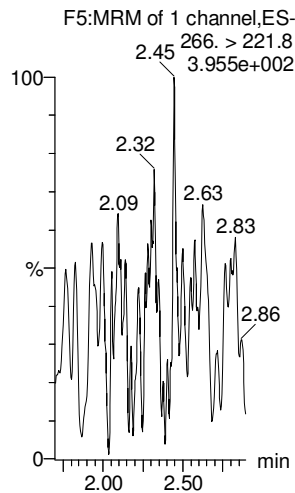
L-PFHxS



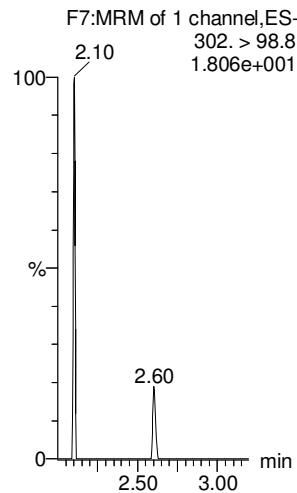
13C3-PFBA



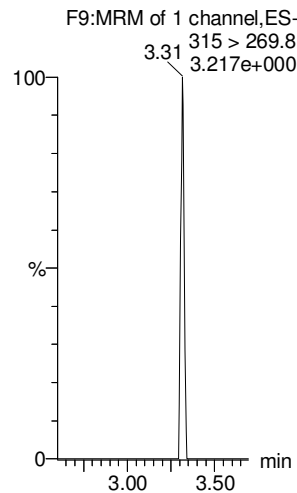
13C3-PFPeA



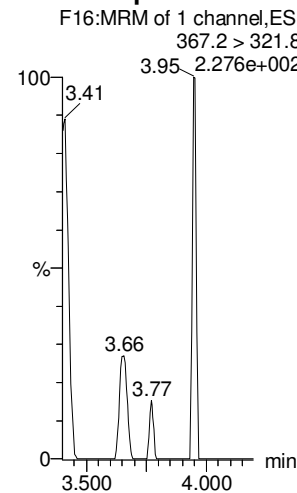
13C3-PFBS



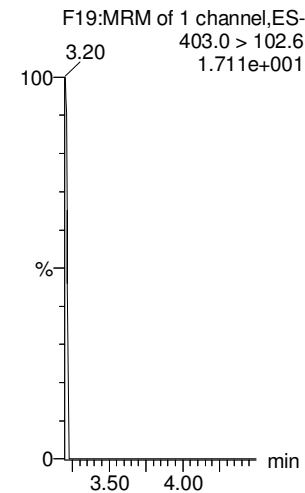
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



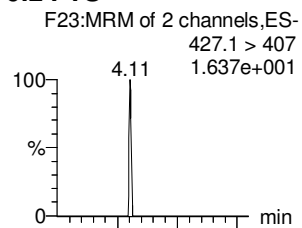
Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-12.qld

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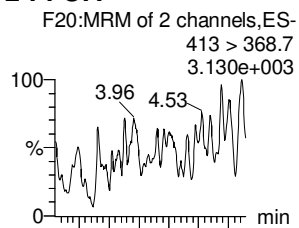
Printed: Tuesday, January 30, 2018 08:42:21 Pacific Standard Time

Name: 180129M1_12, Date: 29-Jan-2018, Time: 12:22:23, ID: IPA, Description: IPA

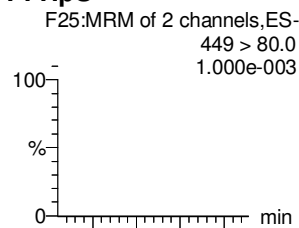
6:2 FTS



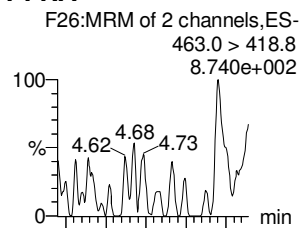
L-PFOA



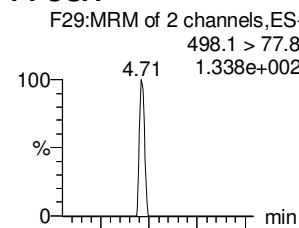
PFHpS



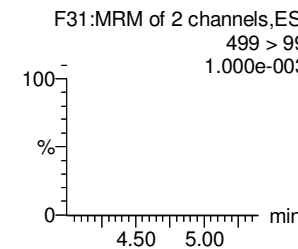
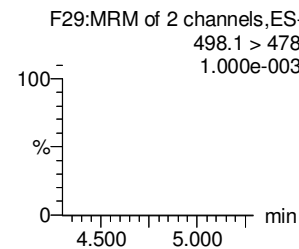
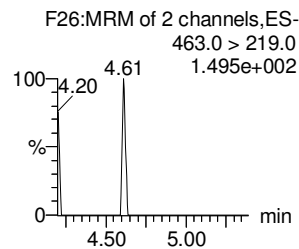
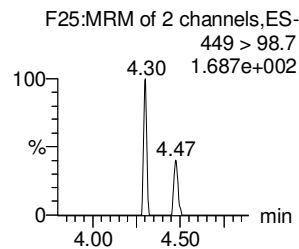
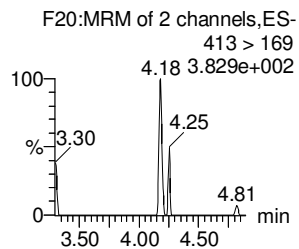
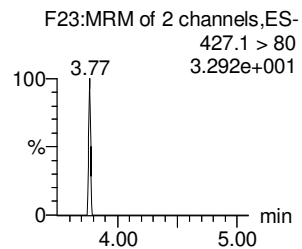
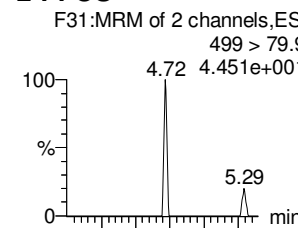
PFNA



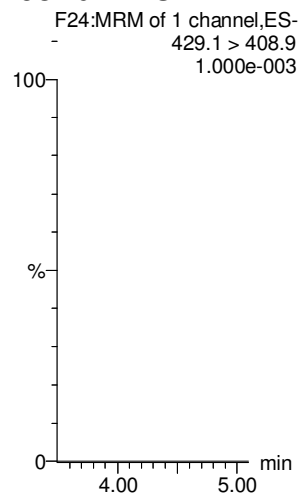
PFOSA



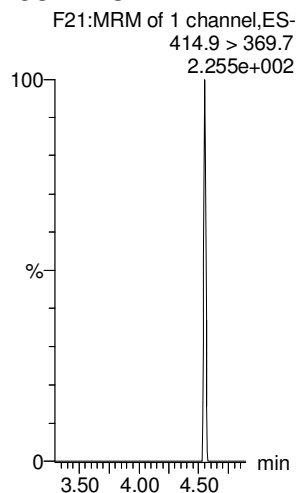
L-PFOS



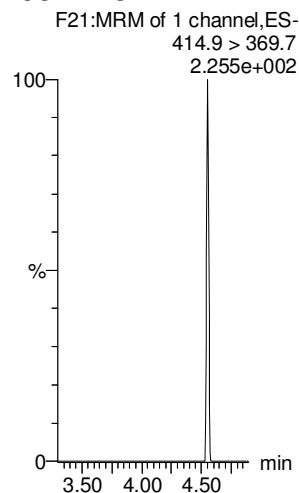
13C2-6:2 FTS



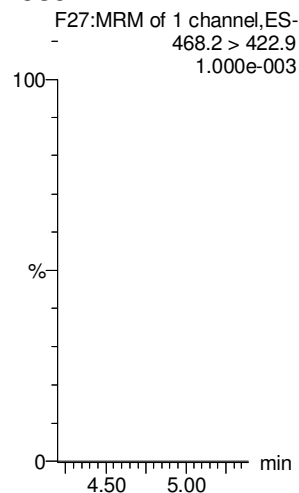
13C2-PFOA



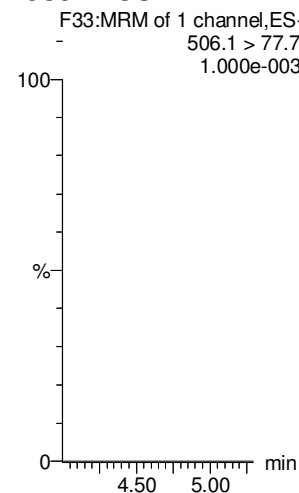
13C2-PFOA



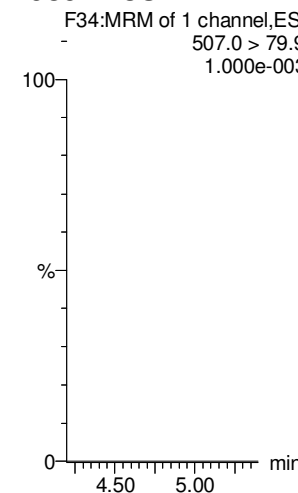
13C5-PFNA



13C8-PFOSA



13C8-PFOS



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Name: 180129M1_12, Date: 29-Jan-2018, Time: 12:22:23, ID: IPA, Description: IPA

PFDA

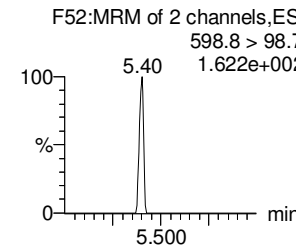
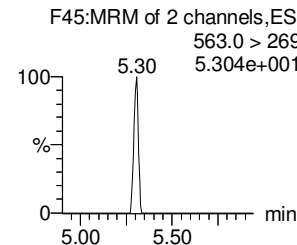
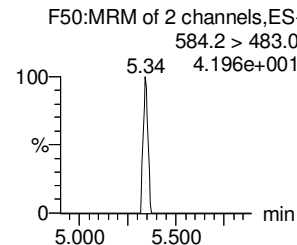
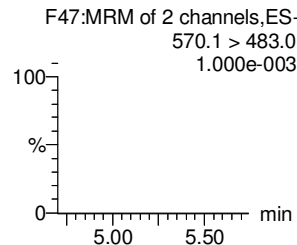
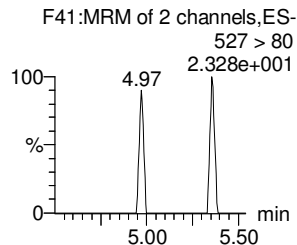
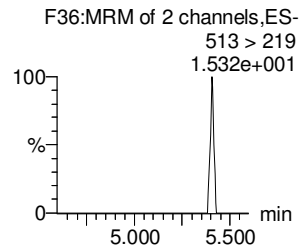
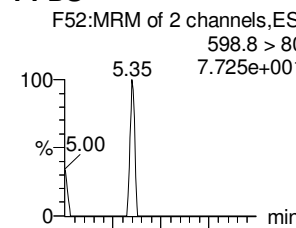
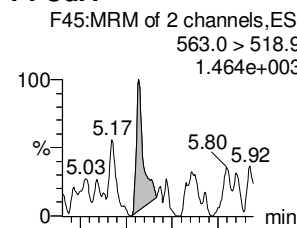
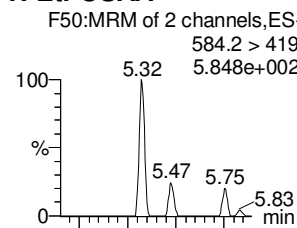
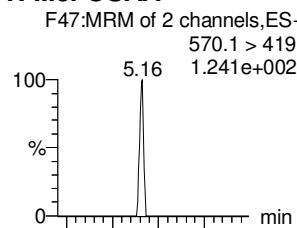
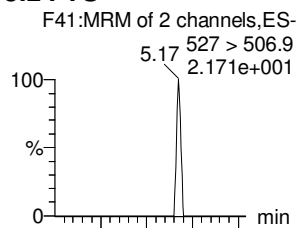
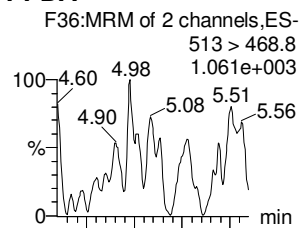
8:2 FTS

N-MeFOSAA

N-EtFOSAA

PFUdA

PFDS



13C2-PFDA

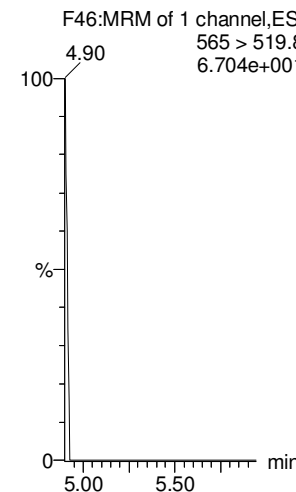
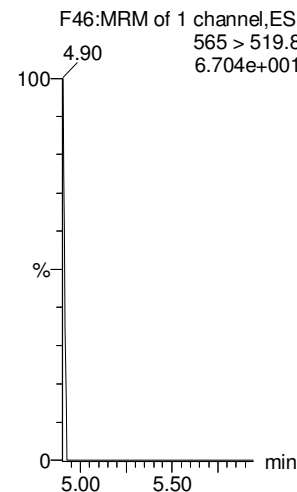
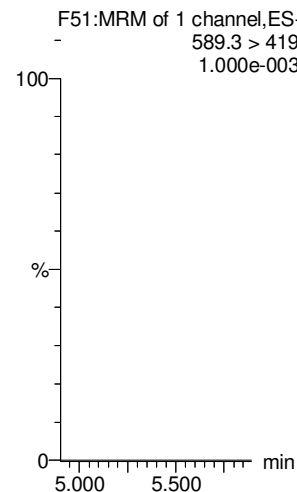
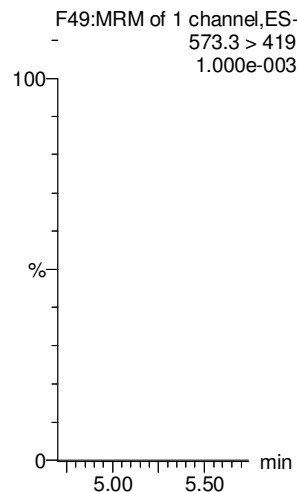
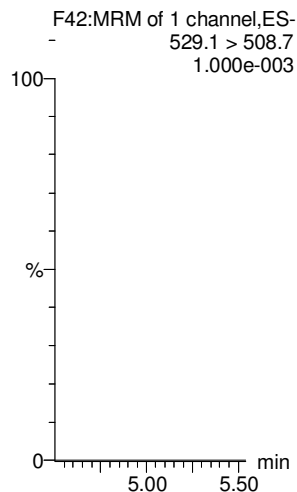
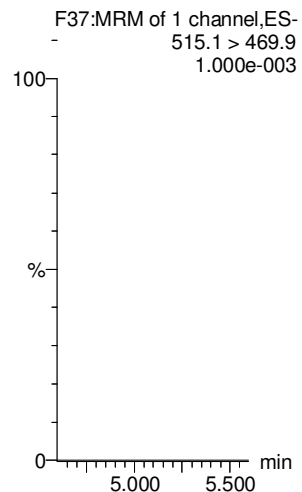
13C2-8:2 FTS

d3-N-MeFOSAA

d5-N-EtFOSAA

13C2-PFUdA

13C2-PFUdA



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Last Altered: Tuesday, January 30, 2018 08:41:59 Pacific Standard Time

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Name: 180129M1_12, Date: 29-Jan-2018, Time: 12:22:23, ID: IPA, Description: IPA

PFDoA

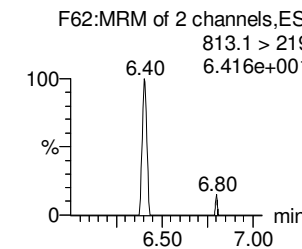
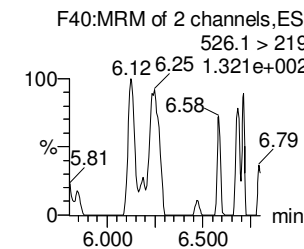
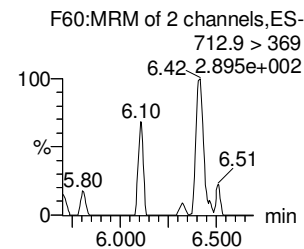
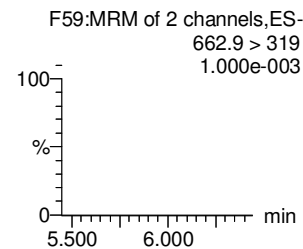
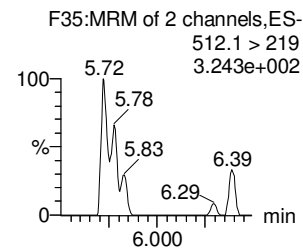
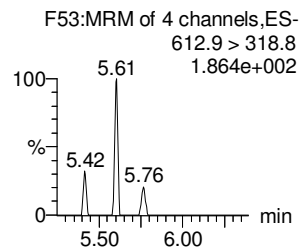
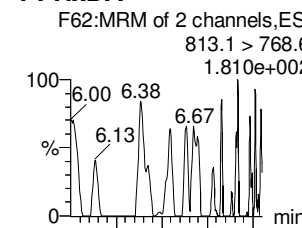
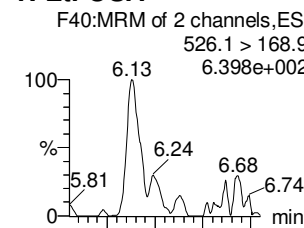
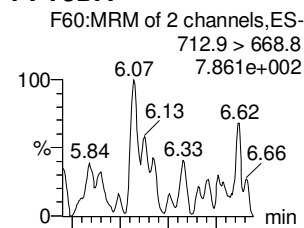
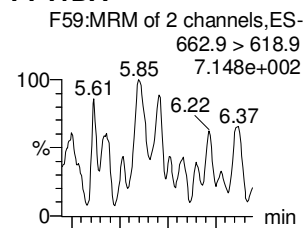
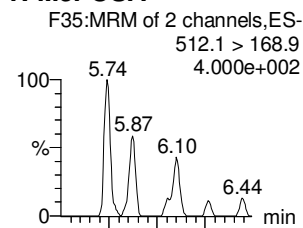
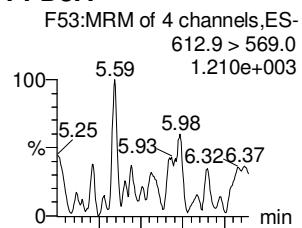
N-MeFOSA

PFTrDA

PFTeDA

N-EtFOSA

PFHxDA



13C2-PFDoA

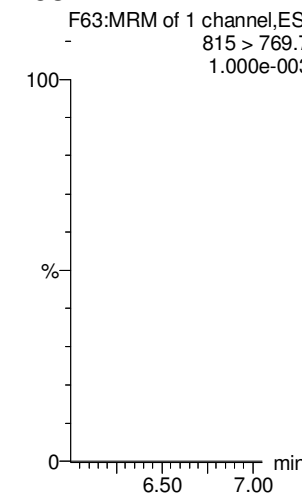
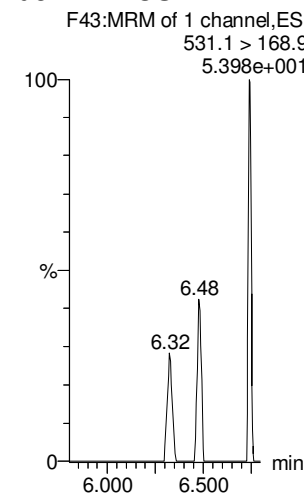
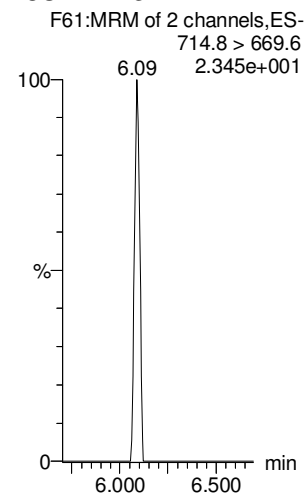
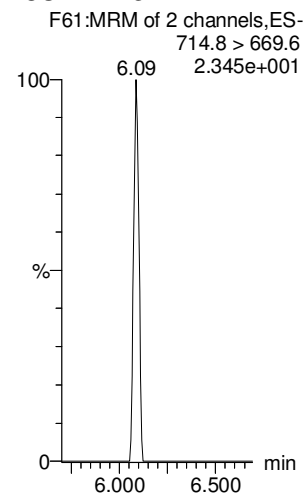
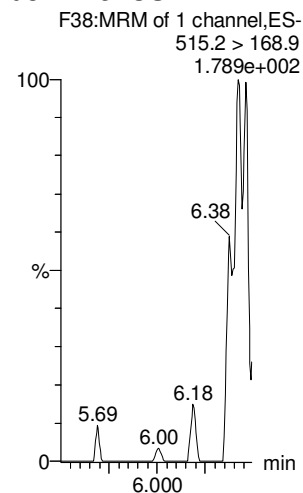
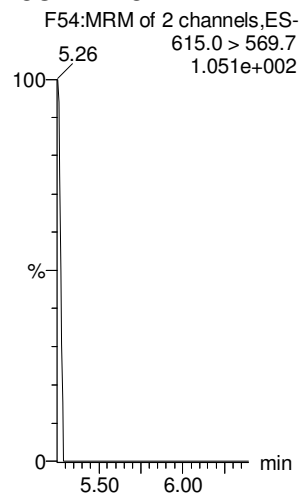
d3-N-MeFOSA

13C2-PFTeDA

13C2-PFTeDA

d5-N-ETFOSA

13C2-PFHxDA



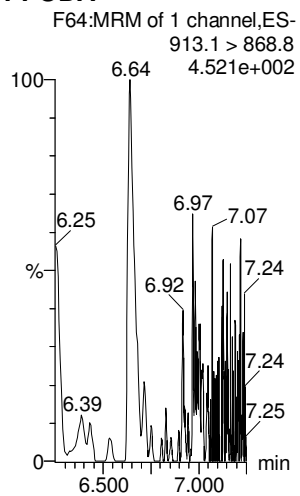
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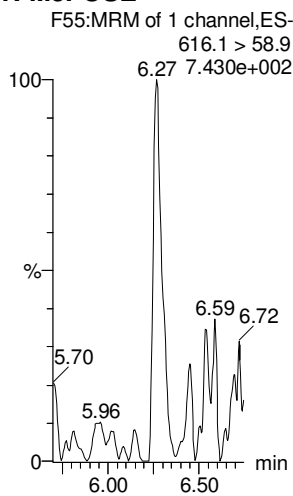
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Name: 180129M1_12, Date: 29-Jan-2018, Time: 12:22:23, ID: IPA, Description: IPA

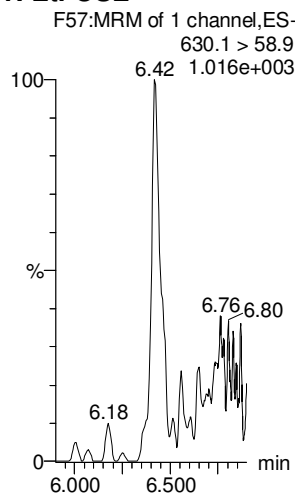
PFODA



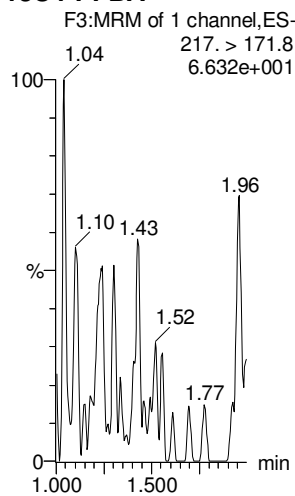
N-MeFOSE



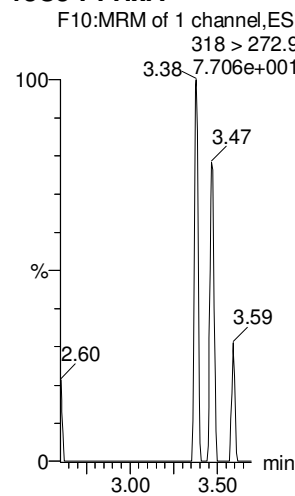
N-EtFOSE



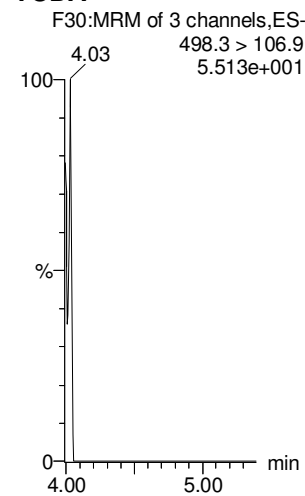
13C4-PFBA



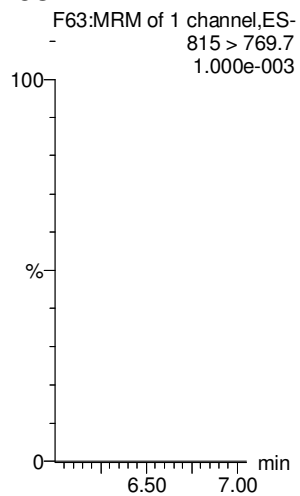
13C5-PFHxA



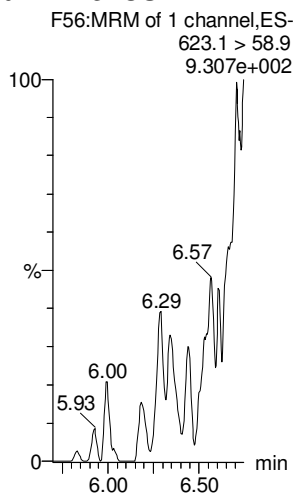
TCDA



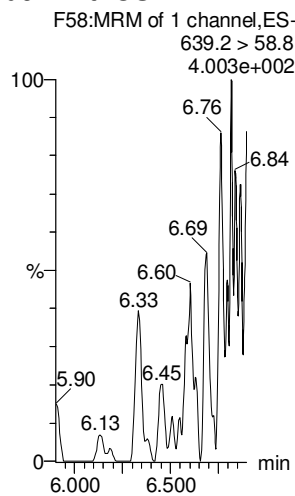
13C2-PFHxDA



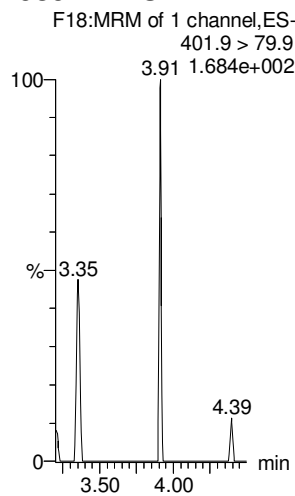
d7-N-MeFOSE



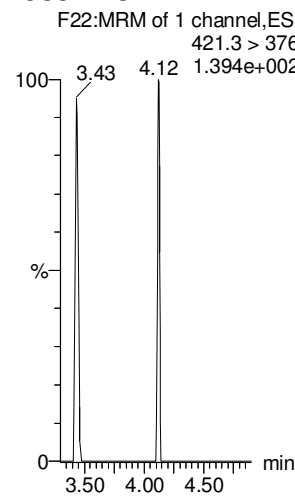
d9-N-EtFOSE



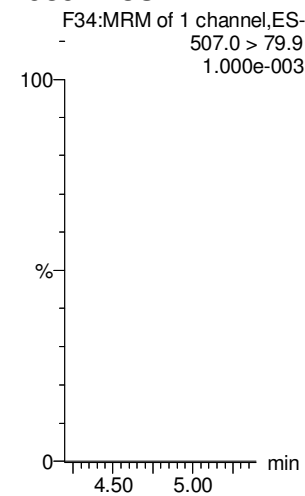
13C3-PFHxS



13C8-PFOA



13C8-PFOS



Dataset: F:\Projects\PFAS.PRO\Results\180129M1\180129M1-12.qld

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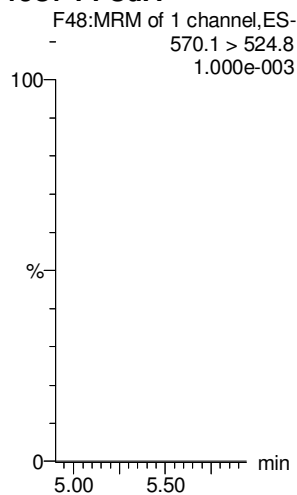
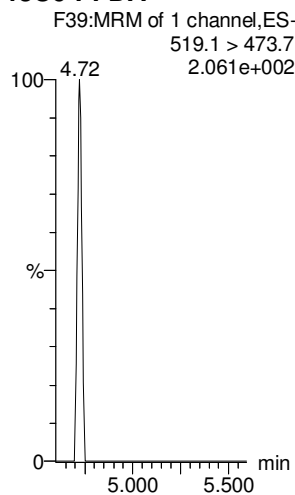
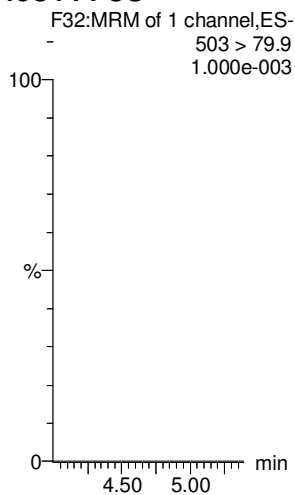
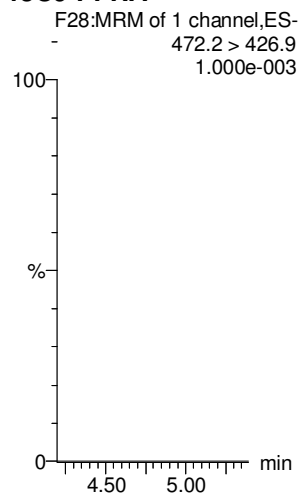
Name: 180129M1_12, Date: 29-Jan-2018, Time: 12:22:23, ID: IPA, Description: IPA

13C9-PFNA

13C4-PFOS

13C6-PFDA

13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:02:09 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 31 Jan 2018 08:59:53

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

AC
 1/31/18
 ✓ JA
 01/31/2018

Compound name: PFBA

Correlation coefficient: $r = 0.999349$, $r^2 = 0.998699$

Calibration curve: $1.16442 * x + -0.0439979$

Response type: Internal Std (Ref 34), Area * (IS Conc. / IS Area)

Curve type: Linear, 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 180130M2_2	Standard	0.250	1.29	145.752	6876.616	0.265	0.3	6.1	NO	0.999	NO	MM
2	2 180130M2_3	Standard	0.500	1.28	242.794	6670.910	0.455	0.4	-14.3	NO	0.999	NO	bb
3	3 180130M2_4	Standard	1.000	1.29	489.506	6686.141	0.915	0.8	-17.6	NO	0.999	NO	bb
4	4 180130M2_5	Standard	2.000	1.29	1313.948	7453.242	2.204	1.9	-3.5	NO	0.999	NO	MM
5	5 180130M2_6	Standard	5.000	1.28	3497.962	7296.654	5.992	5.2	3.7	NO	0.999	NO	MM
6	6 180130M2_7	Standard	10.000	1.29	6875.646	7576.361	11.344	9.8	-2.2	NO	0.999	NO	MM
7	7 180130M2_8	Standard	50.000	1.29	40954.395	7914.732	64.681	55.6	11.2	NO	0.999	NO	bb
8	8 180130M2_9	Standard	100.000	1.29	85612.492	8748.384	122.326	105.1	5.1	NO	0.999	NO	bb
9	9 180130M2_10	Standard	250.000	1.29	180015.000	7969.932	282.335	242.5	-3.0	NO	0.999	NO	MM
10	10 180130M2_11	Standard	500.000	1.29	396476.313	8561.667	578.854	497.2	-0.6	NO	0.999	NO	MM

Compound name: PFPeA

Correlation coefficient: $r = 0.999864$, $r^2 = 0.999727$

Calibration curve: $1.00957 * x + 0.0379804$

Response type: Internal Std (Ref 35), 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 180130M2_2	Standard	0.250	2.24	250.834	11593.497	0.270	0.2	-7.9	NO	1.000	NO	bb
2	2 180130M2_3	Standard	0.500	2.24	484.132	11553.364	0.524	0.5	-3.8	NO	1.000	NO	bb
3	3 180130M2_4	Standard	1.000	2.24	1019.479	12093.586	1.054	1.0	0.6	NO	1.000	NO	bb
4	4 180130M2_5	Standard	2.000	2.25	1989.568	11420.756	2.178	2.1	6.0	NO	1.000	NO	bb
5	5 180130M2_6	Standard	5.000	2.25	4738.599	11755.113	5.039	5.0	-0.9	NO	1.000	NO	bb
6	6 180130M2_7	Standard	10.000	2.25	10036.212	12249.239	10.242	10.1	1.1	NO	1.000	NO	bb
7	7 180130M2_8	Standard	50.000	2.25	48651.629	11794.470	51.562	51.0	2.1	NO	1.000	NO	bb
8	8 180130M2_9	Standard	100.000	2.24	103238.492	12359.346	104.413	103.4	3.4	NO	1.000	NO	bb
9	9 180130M2_10	Standard	250.000	2.25	227881.016	11197.215	254.395	251.9	0.8	NO	1.000	NO	bb

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Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-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 180130M2_11	Standard	500.000	2.25	428860.938	10759.299	498.245	493.5	-1.3	NO	1.000	NO	bb

Compound name: PFBS

Coefficient of Determination: R² = 0.999648

Calibration curve: -0.000192588 * x² + 1.79867 * x + 0.0797843

Response type: Internal Std (Ref 36), 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 180130M2_2	Standard	0.250	2.52	67.222	1557.144	0.540	0.3	2.3	NO	1.000	NO	bb
2	2 180130M2_3	Standard	0.500	2.52	120.004	1504.408	0.997	0.5	2.0	NO	1.000	NO	bb
3	3 180130M2_4	Standard	1.000	2.52	194.592	1373.188	1.771	0.9	-5.9	NO	1.000	NO	bb
4	4 180130M2_5	Standard	2.000	2.53	408.037	1405.841	3.628	2.0	-1.3	NO	1.000	NO	bb
5	5 180130M2_6	Standard	5.000	2.53	1040.156	1473.915	8.821	4.9	-2.7	NO	1.000	NO	bb
6	6 180130M2_7	Standard	10.000	2.53	2277.262	1524.539	18.672	10.3	3.5	NO	1.000	NO	bb
7	7 180130M2_8	Standard	50.000	2.52	11245.538	1550.796	90.643	50.6	1.2	NO	1.000	NO	bb
8	8 180130M2_9	Standard	100.000	2.53	22382.773	1524.122	183.571	103.2	3.2	NO	1.000	NO	bb
9	9 180130M2_10	Standard	250.000	2.52	48666.789	1426.854	426.347	243.3	-2.7	NO	1.000	NO	bb
10	10 180130M2_11	Standard	500.000	2.53	89676.133	1309.955	855.718	502.8	0.6	NO	1.000	NO	bb

Compound name: 4:2 FTS

Coefficient of Determination: R² = 0.998629

Calibration curve: -0.00142534 * x² + 1.86892 * x + 0.00922081

Response type: Internal Std (Ref 36), 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 180130M2_2	Standard	0.250	2.92	56.679	1557.144	0.455	0.2	-4.6	NO	0.999	NO	MM
2	2 180130M2_3	Standard	0.500	2.92	96.315	1504.408	0.800	0.4	-15.3	NO	0.999	NO	bb
3	3 180130M2_4	Standard	1.000	2.93	230.535	1373.188	2.099	1.1	11.9	NO	0.999	NO	bb
4	4 180130M2_5	Standard	2.000	2.93	438.188	1405.841	3.896	2.1	4.2	NO	0.999	NO	bb
5	5 180130M2_6	Standard	5.000	2.93	1114.400	1473.915	9.451	5.1	1.4	NO	0.999	NO	bb
6	6 180130M2_7	Standard	10.000	2.93	2270.168	1524.539	18.614	10.0	0.3	NO	0.999	NO	bb
7	7 180130M2_8	Standard	50.000	2.93	11859.719	1550.796	95.594	53.3	6.6	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-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 180130M2_9	Standard	100.000	2.93	20043.510	1524.122	164.386	94.8	-5.2	NO	0.999	NO	bb
9	9 180130M2_10	Standard	250.000	2.93	43412.172	1426.854	380.314	251.9	0.7	NO	0.999	NO	bb
10	10 180130M2_11	Standard	500.000	2.93	82473.906	1309.955	786.992			NO	0.999	NO	bbXI

Compound name: PFHxA

Correlation coefficient: $r = 0.999536$, $r^2 = 0.999072$

Calibration curve: $1.59305 * x + 0.154027$

Response type: Internal Std (Ref 37), 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 180130M2_2	Standard	0.250	3.02	331.469	3444.513	0.481	0.2	-17.9	NO	0.999	NO	bb
2	2 180130M2_3	Standard	0.500	3.02	650.080	3804.890	0.854	0.4	-12.1	NO	0.999	NO	bb
3	3 180130M2_4	Standard	1.000	3.02	1395.178	3925.958	1.777	1.0	1.9	NO	0.999	NO	bb
4	4 180130M2_5	Standard	2.000	3.02	2678.964	3424.845	3.911	2.4	17.9	NO	0.999	NO	bb
5	5 180130M2_6	Standard	5.000	3.02	5585.022	3509.592	7.957	4.9	-2.0	NO	0.999	NO	bb
6	6 180130M2_7	Standard	10.000	3.02	12463.603	3506.838	17.770	11.1	10.6	NO	0.999	NO	bb
7	7 180130M2_8	Standard	50.000	3.02	61713.707	3857.463	79.993	50.1	0.2	NO	0.999	NO	bb
8	8 180130M2_9	Standard	100.000	3.02	134421.234	4084.247	164.561	103.2	3.2	NO	0.999	NO	bb
9	9 180130M2_10	Standard	250.000	3.02	282436.156	3610.123	391.172	245.5	-1.8	NO	0.999	NO	bb
10	10 180130M2_11	Standard	500.000	3.02	516166.313	3550.825	726.826	456.2	-8.8	NO	0.999	NO	bbX

Compound name: PFPeS

Correlation coefficient: $r = 0.999248$, $r^2 = 0.998497$

Calibration curve: $1.92186 * x + 0.239017$

Response type: Internal Std (Ref 36), 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 180130M2_2	Standard	0.250	3.22	76.302	1557.144	0.613	0.2	-22.3	NO	0.998	NO	bb
2	2 180130M2_3	Standard	0.500	3.22	121.595	1504.408	1.010	0.4	-19.7	NO	0.998	NO	bb
3	3 180130M2_4	Standard	1.000	3.22	269.333	1373.188	2.452	1.2	15.1	NO	0.998	NO	bb
4	4 180130M2_5	Standard	2.000	3.22	490.172	1405.841	4.358	2.1	7.2	NO	0.998	NO	bb
5	5 180130M2_6	Standard	5.000	3.22	1168.320	1473.915	9.908	5.0	0.6	NO	0.998	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-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 180130M2_7	Standard	10.000	3.23	2708.861	1524.539	22.210	11.4	14.3	NO	0.998	NO	bb
7	7 180130M2_8	Standard	50.000	3.22	12544.337	1550.796	101.112	52.5	5.0	NO	0.998	NO	bb
8	8 180130M2_9	Standard	100.000	3.23	24011.297	1524.122	196.927	102.3	2.3	NO	0.998	NO	bb
9	9 180130M2_10	Standard	250.000	3.23	53459.953	1426.854	468.338	243.6	-2.6	NO	0.998	NO	bb
10	10 180130M2_11	Standard	500.000	3.23	92783.516	1309.955	885.369	460.6	-7.9	NO	0.998	NO	bbX

Compound name: PFHpA

Correlation coefficient: $r = 0.996911$, $r^2 = 0.993832$

Calibration curve: $1.17843 * x + 0.12989$

Response type: Internal Std (Ref 38), 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 180130M2_2	Standard	0.250	3.64	276.059	8881.518	0.389	0.2	-12.2	NO	0.994	NO	bb
2	2 180130M2_3	Standard	0.500	3.63	578.274	9917.206	0.729	0.5	1.7	NO	0.994	NO	bb
3	3 180130M2_4	Standard	1.000	3.64	911.291	11092.101	1.027	0.8	-23.9	NO	0.994	NO	bb
4	4 180130M2_5	Standard	2.000	3.64	1904.880	8887.327	2.679	2.2	8.2	NO	0.994	NO	bb
5	5 180130M2_6	Standard	5.000	3.64	5238.723	10858.797	6.031	5.0	0.1	NO	0.994	NO	bb
6	6 180130M2_7	Standard	10.000	3.64	10266.113	10289.855	12.471	10.5	4.7	NO	0.994	NO	bb
7	7 180130M2_8	Standard	50.000	3.64	48742.094	9713.688	62.723	53.1	6.2	NO	0.994	NO	bb
8	8 180130M2_9	Standard	100.000	3.64	117605.617	10630.633	138.286	117.2	17.2	NO	0.994	NO	bb
9	9 180130M2_10	Standard	250.000	3.64	222412.031	9057.838	306.933	260.3	4.1	NO	0.994	NO	bb
10	10 180130M2_11	Standard	500.000	3.64	392791.625	8883.200	552.717	468.9	-6.2	NO	0.994	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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Compound name: L-PFHxS

Correlation coefficient: $r = 0.998763$, $r^2 = 0.997528$

Calibration curve: $1.85703 * x + 0.0178379$

Response type: Internal Std (Ref 39), 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 180130M2_2	Standard	0.250	3.79	38.095	1053.045	0.452	0.2	-6.4	NO	0.998	NO	MM
2	2 180130M2_3	Standard	0.500	3.79	56.207	903.095	0.778	0.4	-18.1	NO	0.998	NO	MM
3	3 180130M2_4	Standard	1.000	3.80	149.560	997.103	1.875	1.0	0.0	NO	0.998	NO	MM
4	4 180130M2_5	Standard	2.000	3.80	342.842	989.370	4.332	2.3	16.1	NO	0.998	NO	MM
5	5 180130M2_6	Standard	5.000	3.80	761.813	1029.990	9.245	5.0	-0.6	NO	0.998	NO	MM
6	6 180130M2_7	Standard	10.000	3.80	1705.721	963.713	22.124	11.9	19.0	NO	0.998	NO	MM
7	7 180130M2_8	Standard	50.000	3.79	8106.228	1168.792	86.695	46.7	-6.7	NO	0.998	NO	MM
8	8 180130M2_9	Standard	100.000	3.80	16188.136	1095.959	184.634	99.4	-0.6	NO	0.998	NO	MM
9	9 180130M2_10	Standard	250.000	3.79	35013.383	1005.605	435.228	234.4	-6.3	NO	0.998	NO	MM
10	10 180130M2_11	Standard	500.000	3.80	69247.547	900.761	960.959	517.5	3.5	NO	0.998	NO	MM

Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.998989$

Calibration curve: $-3.58558e-005 * x^2 + 0.231183 * x + 0.00652079$

Response type: Internal Std (Ref 41), 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 180130M2_2	Standard	0.250	4.11	67.447	13083.550	0.064	0.3	0.2	NO	0.999	NO	bb
2	2 180130M2_3	Standard	0.500	4.11	150.687	12909.832	0.146	0.6	20.6	NO	0.999	NO	bb
3	3 180130M2_4	Standard	1.000	4.11	204.662	13755.024	0.186	0.8	-22.4	NO	0.999	NO	bb
4	4 180130M2_5	Standard	2.000	4.11	595.523	12662.505	0.588	2.5	25.8	NO	0.999	NO	bb
5	5 180130M2_6	Standard	5.000	4.11	1126.442	13917.645	1.012	4.4	-13.0	NO	0.999	NO	bb
6	6 180130M2_7	Standard	10.000	4.11	2534.244	13938.184	2.273	9.8	-1.8	NO	0.999	NO	bb
7	7 180130M2_8	Standard	50.000	4.11	13119.515	14519.339	11.295	49.2	-1.6	NO	0.999	NO	bb
8	8 180130M2_9	Standard	100.000	4.11	28912.900	15012.127	24.075	105.8	5.8	NO	0.999	NO	bb
9	9 180130M2_10	Standard	250.000	4.11	56401.480	13058.033	53.991	242.6	-2.9	NO	0.999	NO	bb
10	10 180130M2_11	Standard	500.000	4.11	104634.672	12203.416	107.178	502.8	0.6	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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Compound name: L-PFOA

Coefficient of Determination: R² = 0.999566

Calibration curve: -0.000857391 * x² + 1.05615 * x + 0.0717082

Response type: Internal Std (Ref 41), 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 180130M2_2	Standard	0.250	4.16	283.962	13083.550	0.271	0.2	-24.4	NO	1.000	NO	bb
2	2 180130M2_3	Standard	0.500	4.16	635.267	12909.832	0.615	0.5	2.9	NO	1.000	NO	bb
3	3 180130M2_4	Standard	1.000	4.17	1321.400	13755.024	1.201	1.1	7.0	NO	1.000	NO	bb
4	4 180130M2_5	Standard	2.000	4.17	2500.635	12662.505	2.469	2.3	13.7	NO	1.000	NO	bb
5	5 180130M2_6	Standard	5.000	4.16	5673.434	13917.645	5.096	4.8	-4.5	NO	1.000	NO	bb
6	6 180130M2_7	Standard	10.000	4.16	12457.271	13938.184	11.172	10.6	6.0	NO	1.000	NO	bb
7	7 180130M2_8	Standard	50.000	4.16	59362.699	14519.339	51.107	50.4	0.8	NO	1.000	NO	bb
8	8 180130M2_9	Standard	100.000	4.17	114676.961	15012.127	95.487	98.2	-1.8	NO	1.000	NO	bb
9	9 180130M2_10	Standard	250.000	4.16	220499.109	13058.033	211.076	250.9	0.4	NO	1.000	NO	bb
10	10 180130M2_11	Standard	500.000	4.16	484021.500	12203.416	495.785			NO	1.000	NO	bbXI

Compound name: PFHpS

Coefficient of Determination: R² = 0.998172

Calibration curve: -0.000111162 * x² + 1.01876 * x + -0.0937669

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 180130M2_2	Standard	0.250	4.27	55.597	3303.503	0.210	0.3	19.4	NO	0.998	NO	MMX
2	2 180130M2_3	Standard	0.500	4.27	161.011	2799.563	0.719	0.8	59.6	YES	0.998	NO	bbX
3	3 180130M2_4	Standard	1.000	4.28	197.510	3313.572	0.745	0.8	-17.7	NO	0.998	NO	bb
4	4 180130M2_5	Standard	2.000	4.28	518.409	3118.645	2.078	2.1	6.6	NO	0.998	NO	bb
5	5 180130M2_6	Standard	5.000	4.28	1173.845	3222.721	4.553	4.6	-8.7	NO	0.998	NO	bb
6	6 180130M2_7	Standard	10.000	4.28	3051.811	3355.895	11.367	11.3	12.6	NO	0.998	NO	bb
7	7 180130M2_8	Standard	50.000	4.28	13264.415	3007.765	55.126	54.5	9.1	NO	0.998	NO	bb
8	8 180130M2_9	Standard	100.000	4.28	25959.848	3145.492	103.163	102.5	2.5	NO	0.998	NO	bb
9	9 180130M2_10	Standard	250.000	4.28	54278.594	2900.628	233.909	235.8	-5.7	NO	0.998	NO	bb
10	10 180130M2_11	Standard	500.000	4.28	105607.602	2708.485	487.392	506.5	1.3	NO	0.998	NO	bb

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Compound name: PFNA

Coefficient of Determination: $R^2 = 0.998285$

Calibration curve: $3.72704e-005 * x^2 + 1.22337 * x + 0.164766$

Response type: Internal Std (Ref 42), 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 180130M2_2	Standard	0.250	4.60	391.378	11924.658	0.410	0.2	-19.7	NO	0.998	NO	bb
2	2 180130M2_3	Standard	0.500	4.60	658.152	12590.917	0.653	0.4	-20.1	NO	0.998	NO	bb
3	3 180130M2_4	Standard	1.000	4.61	1541.535	13916.688	1.385	1.0	-0.3	NO	0.998	NO	bb
4	4 180130M2_5	Standard	2.000	4.61	2803.837	11553.559	3.034	2.3	17.2	NO	0.998	NO	bb
5	5 180130M2_6	Standard	5.000	4.61	6190.618	11286.473	6.856	5.5	9.4	NO	0.998	NO	bb
6	6 180130M2_7	Standard	10.000	4.61	14313.167	12654.078	14.139	11.4	14.2	NO	0.998	NO	bb
7	7 180130M2_8	Standard	50.000	4.60	62601.695	13283.173	58.911	47.9	-4.1	NO	0.998	NO	bb
8	8 180130M2_9	Standard	100.000	4.61	147308.750	13966.063	131.845	107.3	7.3	NO	0.998	NO	bb
9	9 180130M2_10	Standard	250.000	4.60	279544.344	11905.473	293.504	238.1	-4.8	NO	0.998	NO	bb
10	10 180130M2_11	Standard	500.000	4.61	470219.375	9374.423	626.998	504.6	0.9	NO	0.998	NO	bb

Compound name: PFOSA

Correlation coefficient: $r = 0.997452$, $r^2 = 0.994909$

Calibration curve: $1.09599 * x + -0.0345352$

Response type: Internal Std (Ref 43), 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 180130M2_2	Standard	0.250	4.66	87.580	3565.097	0.307	0.3	24.7	NO	0.995	NO	bb
2	2 180130M2_3	Standard	0.500	4.67	113.860	3407.638	0.418	0.4	-17.5	NO	0.995	NO	bb
3	3 180130M2_4	Standard	1.000	4.67	279.787	3539.375	0.988	0.9	-6.7	NO	0.995	NO	bb
4	4 180130M2_5	Standard	2.000	4.67	491.604	3497.803	1.757	1.6	-18.3	NO	0.995	NO	bb
5	5 180130M2_6	Standard	5.000	4.67	1455.735	3378.658	5.386	4.9	-1.1	NO	0.995	NO	bb
6	6 180130M2_7	Standard	10.000	4.67	3636.421	3567.036	12.743	11.7	16.6	NO	0.995	NO	bb
7	7 180130M2_8	Standard	50.000	4.66	15118.188	3558.686	53.103	48.5	-3.0	NO	0.995	NO	bb
8	8 180130M2_9	Standard	100.000	4.67	31501.756	3598.307	109.433	99.9	-0.1	NO	0.995	NO	bb
9	9 180130M2_10	Standard	250.000	4.67	66896.695	2758.122	303.180	276.7	10.7	NO	0.995	NO	bb
10	10 180130M2_11	Standard	500.000	4.67	122858.055	2957.394	519.283	473.8	-5.2	NO	0.995	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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Compound name: L-PFOS

Coefficient of Determination: R² = 0.999249

Calibration curve: $-8.58479e-006 * x^2 + 1.08539 * x + -0.177739$

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 180130M2_2	Standard	0.250	4.68	35.012	3303.503	0.132	0.3	14.3	NO	0.999	NO	MM
2	2 180130M2_3	Standard	0.500	4.69	85.749	2799.563	0.383	0.5	3.3	NO	0.999	NO	MM
3	3 180130M2_4	Standard	1.000	4.69	225.209	3313.572	0.850	0.9	-5.4	NO	0.999	NO	MM
4	4 180130M2_5	Standard	2.000	4.69	427.639	3118.645	1.714	1.7	-12.9	NO	0.999	NO	MM
5	5 180130M2_6	Standard	5.000	4.69	1205.209	3222.721	4.675	4.5	-10.6	NO	0.999	NO	MM
6	6 180130M2_7	Standard	10.000	4.69	3022.715	3355.895	11.259	10.5	5.4	NO	0.999	NO	MM
7	7 180130M2_8	Standard	50.000	4.69	13878.184	3007.765	57.676	53.3	6.7	NO	0.999	NO	MM
8	8 180130M2_9	Standard	100.000	4.69	27726.719	3145.492	110.184	101.8	1.8	NO	0.999	NO	MM
9	9 180130M2_10	Standard	250.000	4.69	60713.430	2900.628	261.639	241.7	-3.3	NO	0.999	NO	MM
10	10 180130M2_11	Standard	500.000	4.69	117899.492	2708.485	544.121	503.5	0.7	NO	0.999	NO	MM

Compound name: PFDA

Coefficient of Determination: R² = 0.998012

Calibration curve: $-0.000420231 * x^2 + 1.29941 * x + 0.0888209$

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 180130M2_2	Standard	0.250	4.98	282.483	10373.150	0.340	0.2	-22.6	NO	0.998	NO	bb
2	2 180130M2_3	Standard	0.500	4.98	679.340	11181.896	0.759	0.5	3.2	NO	0.998	NO	bb
3	3 180130M2_4	Standard	1.000	4.98	1513.492	11103.892	1.704	1.2	24.3	NO	0.998	NO	bb
4	4 180130M2_5	Standard	2.000	4.98	2667.157	11098.916	3.004	2.2	12.2	NO	0.998	NO	bb
5	5 180130M2_6	Standard	5.000	4.98	6734.641	13841.649	6.082	4.6	-7.6	NO	0.998	NO	bb
6	6 180130M2_7	Standard	10.000	4.98	12574.135	13395.807	11.733	9.0	-10.1	NO	0.998	NO	bb
7	7 180130M2_8	Standard	50.000	4.98	64611.910	13454.328	60.029	46.8	-6.3	NO	0.998	NO	bb
8	8 180130M2_9	Standard	100.000	4.98	139965.906	12731.192	137.424	109.6	9.6	NO	0.998	NO	bb
9	9 180130M2_10	Standard	250.000	4.98	262682.469	11335.476	289.669	241.8	-3.3	NO	0.998	NO	bb
10	10 180130M2_11	Standard	500.000	4.98	561688.938	12827.448	547.351	503.0	0.6	NO	0.998	NO	bb

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Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.994120$

Calibration curve: $-0.00010241 * x^2 + 0.250291 * x + -0.0155588$

Response type: Internal Std (Ref 41), 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 180130M2_2	Standard	0.250	4.94	52.953	13083.550	0.051	0.3	5.7	NO	0.994	NO	MM
2	2 180130M2_3	Standard	0.500	4.94	106.263	12909.832	0.103	0.5	-5.3	NO	0.994	NO	bb
3	3 180130M2_4	Standard	1.000	4.95	228.735	13755.024	0.208	0.9	-10.7	NO	0.994	NO	bb
4	4 180130M2_5	Standard	2.000	4.96	618.064	12662.505	0.610	2.5	25.1	NO	0.994	NO	bb
5	5 180130M2_6	Standard	5.000	4.95	1014.381	13917.645	0.911	3.7	-25.8	NO	0.994	NO	bb
6	6 180130M2_7	Standard	10.000	4.95	2724.675	13938.184	2.444	9.9	-1.4	NO	0.994	NO	bb
7	7 180130M2_8	Standard	50.000	4.95	11034.815	14519.339	9.500	38.6	-22.7	NO	0.994	NO	bb
8	8 180130M2_9	Standard	100.000	4.95	30446.711	15012.127	25.352	105.9	5.9	NO	0.994	NO	bb
9	9 180130M2_10	Standard	250.000	4.95	62080.234	13058.033	59.427	266.6	6.6	NO	0.994	NO	bb
10	10 180130M2_11	Standard	500.000	4.95	95574.258	12203.416	97.897	489.1	-2.2	NO	0.994	NO	bb

Compound name: PFNS

Coefficient of Determination: $R^2 = 0.998923$

Calibration curve: $-0.000173469 * x^2 + 0.881199 * x + 0.0764053$

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 180130M2_2	Standard	0.250	5.04	76.733	3303.503	0.290	0.2	-2.9	NO	0.999	NO	MM
2	2 180130M2_3	Standard	0.500	5.04	110.619	2799.563	0.494	0.5	-5.2	NO	0.999	NO	MM
3	3 180130M2_4	Standard	1.000	5.04	245.261	3313.572	0.925	1.0	-3.7	NO	0.999	NO	MM
4	4 180130M2_5	Standard	2.000	5.05	456.775	3118.645	1.831	2.0	-0.4	NO	0.999	NO	MM
5	5 180130M2_6	Standard	5.000	5.05	1180.659	3222.721	4.579	5.1	2.3	NO	0.999	NO	MM
6	6 180130M2_7	Standard	10.000	5.05	2547.639	3355.895	9.489	10.7	7.0	NO	0.999	NO	MM
7	7 180130M2_8	Standard	50.000	5.05	10629.551	3007.765	44.175	50.5	1.1	NO	0.999	NO	bb
8	8 180130M2_9	Standard	100.000	5.05	22925.211	3145.492	91.103	105.5	5.5	NO	0.999	NO	MM
9	9 180130M2_10	Standard	250.000	5.05	46405.703	2900.628	199.981	238.0	-4.8	NO	0.999	NO	MM
10	10 180130M2_11	Standard	500.000	5.05	86909.063	2708.485	401.096	505.4	1.1	NO	0.999	NO	MM

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Compound name: N-MeFOSAA

Coefficient of Determination: R² = 0.998886
 Calibration curve: $-0.000656005 * x^2 + 1.57527 * x + -0.0430991$
 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 180130M2_2	Standard	0.250	5.14	208.223	5651.358	0.461	0.3	27.9	NO	0.999	NO	bb
2	2 180130M2_3	Standard	0.500	5.13	281.203	5094.401	0.690	0.5	-6.9	NO	0.999	NO	bb
3	3 180130M2_4	Standard	1.000	5.14	612.965	5659.655	1.354	0.9	-11.3	NO	0.999	NO	bb
4	4 180130M2_5	Standard	2.000	5.14	1255.902	5256.864	2.986	1.9	-3.8	NO	0.999	NO	bb
5	5 180130M2_6	Standard	5.000	5.14	3001.708	5623.414	6.672	4.3	-14.6	NO	0.999	NO	bb
6	6 180130M2_7	Standard	10.000	5.14	7005.630	5524.531	15.851	10.1	1.3	NO	0.999	NO	bb
7	7 180130M2_8	Standard	50.000	5.14	33344.656	5612.226	74.268	48.1	-3.7	NO	0.999	NO	bb
8	8 180130M2_9	Standard	100.000	5.14	71311.117	6113.146	145.815	96.5	-3.5	NO	0.999	NO	bb
9	9 180130M2_10	Standard	250.000	5.14	150630.297	5111.627	368.352	262.6	5.0	NO	0.999	NO	bb
10	10 180130M2_11	Standard	500.000	5.14	254017.859	5145.271	617.115	493.0	-1.4	NO	0.999	NO	bb

Compound name: N-EtFOSAA

Coefficient of Determination: R² = 0.998912
 Calibration curve: $5.26453e-005 * x^2 + 1.09334 * x + 0.022349$
 Response type: Internal Std (Ref 48), 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 180130M2_2	Standard	0.250	5.29	133.930	6094.616	0.275	0.2	-7.7	NO	0.999	NO	bb
2	2 180130M2_3	Standard	0.500	5.29	320.345	6234.195	0.642	0.6	13.4	NO	0.999	NO	bb
3	3 180130M2_4	Standard	1.000	5.30	429.622	6814.311	0.788	0.7	-30.0	NO	0.999	NO	bb
4	4 180130M2_5	Standard	2.000	5.29	1072.044	4971.428	2.696	2.4	22.2	NO	0.999	NO	MM
5	5 180130M2_6	Standard	5.000	5.30	2632.858	5897.333	5.581	5.1	1.7	NO	0.999	NO	bb
6	6 180130M2_7	Standard	10.000	5.29	5970.152	6240.996	11.958	10.9	9.1	NO	0.999	NO	bb
7	7 180130M2_8	Standard	50.000	5.29	29335.684	6520.371	56.239	51.3	2.6	NO	0.999	NO	bb
8	8 180130M2_9	Standard	100.000	5.29	53490.738	6313.640	105.903	96.4	-3.6	NO	0.999	NO	bb
9	9 180130M2_10	Standard	250.000	5.29	112534.500	5061.634	277.911	251.1	0.5	NO	0.999	NO	bb
10	10 180130M2_11	Standard	500.000	5.29	189063.281	4643.514	508.945	455.5	-8.9	NO	0.999	NO	bbX

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Compound name: PFUDa

Coefficient of Determination: R² = 0.999294

Calibration curve: -0.000458526 * x² + 1.17709 * x + 0.0278308

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 180130M2_2	Standard	0.250	5.30	513.076	16376.577	0.392	0.3	23.6	NO	0.999	NO	bb
2	2 180130M2_3	Standard	0.500	5.31	801.007	14143.141	0.708	0.6	15.6	NO	0.999	NO	bb
3	3 180130M2_4	Standard	1.000	5.31	1303.505	14888.429	1.094	0.9	-9.4	NO	0.999	NO	bb
4	4 180130M2_5	Standard	2.000	5.31	2653.989	15103.803	2.196	1.8	-7.8	NO	0.999	NO	bb
5	5 180130M2_6	Standard	5.000	5.31	6411.717	14910.061	5.375	4.6	-9.0	NO	0.999	NO	bb
6	6 180130M2_7	Standard	10.000	5.31	11567.065	14939.002	9.679	8.2	-17.7	NO	0.999	NO	bb
7	7 180130M2_8	Standard	50.000	5.31	64903.789	13571.186	59.781	51.8	3.6	NO	0.999	NO	bb
8	8 180130M2_9	Standard	100.000	5.31	133786.313	14580.421	114.697	101.4	1.4	NO	0.999	NO	bb
9	9 180130M2_10	Standard	250.000	5.30	269359.000	12712.355	264.859	249.2	-0.3	NO	0.999	NO	bb
10	10 180130M2_11	Standard	500.000	5.31	501339.500	13224.735	473.865	499.9	-0.0	NO	0.999	NO	bb

Compound name: PFDS

Coefficient of Determination: R² = 0.998560

Calibration curve: -0.000101601 * x² + 0.27335 * x + -0.0126321

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 180130M2_2	Standard	0.250	5.35	96.284	16376.577	0.073	0.3	26.0	NO	0.999	NO	bb
2	2 180130M2_3	Standard	0.500	5.35	101.634	14143.141	0.090	0.4	-25.0	NO	0.999	NO	bb
3	3 180130M2_4	Standard	1.000	5.35	361.620	14888.429	0.304	1.2	15.7	NO	0.999	NO	bb
4	4 180130M2_5	Standard	2.000	5.36	607.828	15103.803	0.503	1.9	-5.6	NO	0.999	NO	bb
5	5 180130M2_6	Standard	5.000	5.36	1591.206	14910.061	1.334	4.9	-1.3	NO	0.999	NO	bb
6	6 180130M2_7	Standard	10.000	5.36	2949.842	14939.002	2.468	9.1	-8.9	NO	0.999	NO	bb
7	7 180130M2_8	Standard	50.000	5.36	14836.292	13571.186	13.665	51.0	2.0	NO	0.999	NO	bb
8	8 180130M2_9	Standard	100.000	5.36	28720.633	14580.421	24.623	93.4	-6.6	NO	0.999	NO	bb
9	9 180130M2_10	Standard	250.000	5.36	65810.180	12712.355	64.711	262.4	4.9	NO	0.999	NO	bb
10	10 180130M2_11	Standard	500.000	5.36	116599.281	13224.735	110.209	493.9	-1.2	NO	0.999	NO	bb

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Compound name: PFDoA

Coefficient of Determination: R² = 0.997610

Calibration curve: -0.000594455 * x² + 1.49079 * x + 0.049628

Response type: Internal Std (Ref 50), 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 180130M2_2	Standard	0.250	5.59	313.215	9896.215	0.396	0.2	-7.2	NO	0.998	NO	bb
2	2 180130M2_3	Standard	0.500	5.59	687.082	9179.814	0.936	0.6	18.9	NO	0.998	NO	bb
3	3 180130M2_4	Standard	1.000	5.60	1309.532	11021.308	1.485	1.0	-3.7	NO	0.998	NO	bb
4	4 180130M2_5	Standard	2.000	5.60	3337.135	12445.758	3.352	2.2	10.8	NO	0.998	NO	bb
5	5 180130M2_6	Standard	5.000	5.60	6438.053	12067.352	6.669	4.4	-11.0	NO	0.998	NO	bb
6	6 180130M2_7	Standard	10.000	5.59	13914.285	12514.131	13.899	9.3	-6.8	NO	0.998	NO	bb
7	7 180130M2_8	Standard	50.000	5.59	57706.848	10850.401	66.480	45.4	-9.2	NO	0.998	NO	bb
8	8 180130M2_9	Standard	100.000	5.59	141099.344	11191.926	157.591	110.5	10.5	NO	0.998	NO	bb
9	9 180130M2_10	Standard	250.000	5.59	282392.344	10785.471	327.283	243.1	-2.8	NO	0.998	NO	bb
10	10 180130M2_11	Standard	500.000	5.59	501426.281	10467.454	598.792	502.2	0.4	NO	0.998	NO	bb

Compound name: N-MeFOSA

Correlation coefficient: r = 0.997510, r² = 0.995026

Calibration curve: 0.967768 * x + 0.447867

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: Linear, 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 180130M2_2	Standard	1.250	5.70	160.330	16447.836	1.462	1.0	-16.2	NO	0.995	NO	bb
2	2 180130M2_3	Standard	2.500	5.71	327.477	16202.515	3.032	2.7	6.8	NO	0.995	NO	bb
3	3 180130M2_4	Standard	5.000	5.71	629.732	17642.555	5.354	5.1	1.4	NO	0.995	NO	bb
4	4 180130M2_5	Standard	10.000	5.71	1248.572	16327.131	11.471	11.4	13.9	NO	0.995	NO	bb
5	5 180130M2_6	Standard	25.000	5.71	2841.527	16733.125	25.472	25.9	3.4	NO	0.995	NO	bb
6	6 180130M2_7	Standard	50.000	5.71	6451.300	17104.477	56.576	58.0	16.0	NO	0.995	NO	bb
7	7 180130M2_8	Standard	250.000	5.71	31397.322	17488.910	269.291	277.8	11.1	NO	0.995	NO	bb
8	8 180130M2_9	Standard	500.000	5.71	61615.895	18006.723	513.274	529.9	6.0	NO	0.995	NO	bb
9	9 180130M2_10	Standard	1250.000	5.71	130970.477	17167.242	1144.364	1182.0	-5.4	NO	0.995	NO	bb
10	10 180130M2_11	Standard	2500.000	5.71	247164.484	17554.230	2112.008	2181.9	-12.7	NO	0.995	NO	bdX

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Compound name: PFTrDA

Coefficient of Determination: R² = 0.998380

Calibration curve: 0.00116218 * x² + 3.72741 * x + 0.213622

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 180130M2_2	Standard	0.250	5.84	506.435	4814.393	1.315	0.3	18.2	NO	0.998	NO	bbX
2	2 180130M2_3	Standard	0.500	5.84	847.558	4451.768	2.380	0.6	16.2	NO	0.998	NO	bb
3	3 180130M2_4	Standard	1.000	5.84	1567.660	4605.410	4.255	1.1	8.4	NO	0.998	NO	bb
4	4 180130M2_5	Standard	2.000	5.85	2448.959	5326.945	5.747	1.5	-25.8	NO	0.998	NO	bb
5	5 180130M2_6	Standard	5.000	5.85	6981.399	4987.994	17.496	4.6	-7.4	NO	0.998	NO	bb
6	6 180130M2_7	Standard	10.000	5.84	18375.619	5603.112	40.994	10.9	9.0	NO	0.998	NO	bb
7	7 180130M2_8	Standard	50.000	5.84	77382.305	5129.476	188.573	49.8	-0.5	NO	0.998	NO	bb
8	8 180130M2_9	Standard	100.000	5.84	155153.625	5040.080	384.800	100.1	0.1	NO	0.998	NO	bb
9	9 180130M2_10	Standard	250.000	5.84	250574.375	5446.927	575.036	147.4	-41.0	YES	0.998	NO	bbX
10	10 180130M2_11	Standard	500.000	5.84	511010.469	5008.250	1275.422	311.8	-37.6	YES	0.998	NO	bbX

Compound name: PFTeDA

Coefficient of Determination: R² = 0.998712

Calibration curve: -0.00135735 * x² + 2.29654 * x + 0.279781

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 180130M2_2	Standard	0.250	6.06	325.508	4814.393	0.845	0.2	-1.5	NO	0.999	NO	bb
2	2 180130M2_3	Standard	0.500	6.06	414.491	4451.768	1.164	0.4	-23.0	NO	0.999	NO	bb
3	3 180130M2_4	Standard	1.000	6.06	1012.122	4605.410	2.747	1.1	7.5	NO	0.999	NO	bb
4	4 180130M2_5	Standard	2.000	6.06	2114.865	5326.945	4.963	2.0	2.1	NO	0.999	NO	bb
5	5 180130M2_6	Standard	5.000	6.07	4774.646	4987.994	11.965	5.1	2.1	NO	0.999	NO	bb
6	6 180130M2_7	Standard	10.000	6.06	11289.290	5603.112	25.185	10.9	9.2	NO	0.999	NO	bb
7	7 180130M2_8	Standard	50.000	6.06	47881.004	5129.476	116.681	52.3	4.6	NO	0.999	NO	bb
8	8 180130M2_9	Standard	100.000	6.06	89751.586	5040.080	222.595	103.1	3.1	NO	0.999	NO	bb
9	9 180130M2_10	Standard	250.000	6.06	203120.719	5446.927	466.136	235.7	-5.7	NO	0.999	NO	bb
10	10 180130M2_11	Standard	500.000	6.06	328198.250	5008.250	819.144	510.7	2.1	NO	0.999	NO	bb

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Compound name: N-EtFOSA

Coefficient of Determination: R^2 = 0.999373

Calibration curve: $-4.62743e-005 * x^2 + 0.907515 * x + 0.0608264$

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 180130M2_2	Standard	1.250	6.12	194.223	26732.176	1.090	1.1	-9.3	NO	0.999	NO	bb
2	2 180130M2_3	Standard	2.500	6.13	383.935	25847.691	2.228	2.4	-4.5	NO	0.999	NO	bb
3	3 180130M2_4	Standard	5.000	6.13	805.617	25791.316	4.685	5.1	1.9	NO	0.999	NO	bb
4	4 180130M2_5	Standard	10.000	6.13	1585.093	26573.410	8.947	9.8	-2.0	NO	0.999	NO	bb
5	5 180130M2_6	Standard	25.000	6.13	3895.365	25316.451	23.080	25.4	1.6	NO	0.999	NO	bb
6	6 180130M2_7	Standard	50.000	6.13	8377.025	25481.031	49.313	54.4	8.8	NO	0.999	NO	bb
7	7 180130M2_8	Standard	250.000	6.13	41299.340	26351.174	235.090	262.5	5.0	NO	0.999	NO	bb
8	8 180130M2_9	Standard	500.000	6.13	79129.008	26572.170	446.684	505.1	1.0	NO	0.999	NO	bb
9	9 180130M2_10	Standard	1250.000	6.13	169427.813	24740.119	1027.245	1206.0	-3.5	NO	0.999	NO	bb
10	10 180130M2_11	Standard	2500.000	6.13	304852.156	22921.061	1995.013	2522.8	0.9	NO	0.999	NO	bb

Compound name: PFHxDA

Coefficient of Determination: R^2 = 0.999557

Calibration curve: $-0.0005817 * x^2 + 0.611008 * x + 0.0713706$

Response type: Internal Std (Ref 54), 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 180130M2_2	Standard	0.250	6.40	150.321	3669.718	0.205	0.2	-12.6	NO	1.000	NO	bb
2	2 180130M2_3	Standard	0.500	6.40	279.687	3465.723	0.404	0.5	8.8	NO	1.000	NO	bb
3	3 180130M2_4	Standard	1.000	6.41	508.604	4127.492	0.616	0.9	-10.8	NO	1.000	NO	bb
4	4 180130M2_5	Standard	2.000	6.41	1078.192	4006.979	1.345	2.1	4.5	NO	1.000	NO	bb
5	5 180130M2_6	Standard	5.000	6.41	2710.907	4192.145	3.233	5.2	4.0	NO	1.000	NO	bb
6	6 180130M2_7	Standard	10.000	6.41	4673.373	3563.170	6.558	10.7	7.3	NO	1.000	NO	bb
7	7 180130M2_8	Standard	50.000	6.40	22944.072	3902.427	29.397	50.4	0.8	NO	1.000	NO	bb
8	8 180130M2_9	Standard	100.000	6.40	46612.691	4303.081	54.162	97.6	-2.4	NO	1.000	NO	bb
9	9 180130M2_10	Standard	250.000	6.40	99023.617	4236.179	116.878	251.3	0.5	NO	1.000	NO	bb
10	10 180130M2_11	Standard	500.000	6.40	170139.297	4049.145	210.093			NO	1.000	NO	bbXI

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Compound name: PFODA

Coefficient of Determination: $R^2 = 0.996012$

Calibration curve: $-0.000908448 * x^2 + 0.81449 * x + 0.0357617$

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 180130M2_2	Standard	0.250	6.64	158.263	3669.718	0.216	0.2	-11.6	NO	0.996	NO	bb
2	2 180130M2_3	Standard	0.500	6.64	338.998	3465.723	0.489	0.6	11.4	NO	0.996	NO	bb
3	3 180130M2_4	Standard	1.000	6.64	697.983	4127.492	0.846	1.0	-0.5	NO	0.996	NO	bb
4	4 180130M2_5	Standard	2.000	6.64	1245.379	4006.979	1.554	1.9	-6.6	NO	0.996	NO	bb
5	5 180130M2_6	Standard	5.000	6.64	3540.888	4192.145	4.223	5.2	3.4	NO	0.996	NO	bb
6	6 180130M2_7	Standard	10.000	6.64	7111.718	3563.170	9.979	12.4	23.8	NO	0.996	NO	bb
7	7 180130M2_8	Standard	50.000	6.64	31255.189	3902.427	40.046	52.2	4.3	NO	0.996	NO	bb
8	8 180130M2_9	Standard	100.000	6.64	57852.383	4303.081	67.222	91.9	-8.1	NO	0.996	NO	bb
9	9 180130M2_10	Standard	250.000	6.64	125867.570	4236.179	148.563	254.7	1.9	NO	0.996	NO	bb
10	10 180130M2_11	Standard	500.000	6.64	234253.500	4049.145	289.263			NO	0.996	NO	bbXI

Compound name: N-MeFOSE

Correlation coefficient: $r = 0.996418$, $r^2 = 0.992848$

Calibration curve: $0.916664 * x + 0.283188$

Response type: Internal Std (Ref 55), 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 180130M2_2	Standard	1.250	6.30	163.462	20511.127	1.195	1.0	-20.4	NO	0.993	NO	bb
2	2 180130M2_3	Standard	2.500	6.30	420.015	25191.553	2.501	2.4	-3.2	NO	0.993	NO	bb
3	3 180130M2_4	Standard	5.000	6.30	787.427	25217.705	4.684	4.8	-4.0	NO	0.993	NO	bb
4	4 180130M2_5	Standard	10.000	6.30	1354.469	18800.625	10.807	11.5	14.8	NO	0.993	NO	bb
5	5 180130M2_6	Standard	25.000	6.30	3749.616	24643.811	22.823	24.6	-1.6	NO	0.993	NO	bb
6	6 180130M2_7	Standard	50.000	6.30	6708.870	21160.852	47.556	51.6	3.1	NO	0.993	NO	bd
7	7 180130M2_8	Standard	250.000	6.30	37693.520	25076.201	225.474	245.7	-1.7	NO	0.993	NO	bb
8	8 180130M2_9	Standard	500.000	6.30	85510.313	23019.229	557.210	607.6	21.5	NO	0.993	NO	bb
9	9 180130M2_10	Standard	1250.000	6.30	180450.969	25816.693	1048.455	1143.5	-8.5	NO	0.993	NO	bb
10	10 180130M2_11	Standard	2500.000	6.30	375097.469	24536.986	2293.053	2501.2	0.0	NO	0.993	NO	bb

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Compound name: N-EtFOSE

Correlation coefficient: $r = 0.996106$, $r^2 = 0.992228$

Calibration curve: $1.16767 * x + 0.0208375$

Response type: Internal Std (Ref 56), 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	180130M2_2	Standard	1.250	6.45	218.313	19448.451	1.684	1.4	13.9	NO	0.992	NO	bb
2	180130M2_3	Standard	2.500	6.45	434.112	24035.443	2.709	2.3	-7.9	NO	0.992	NO	bb
3	180130M2_4	Standard	5.000	6.45	698.316	24472.643	4.280	3.6	-27.0	NO	0.992	NO	bb
4	180130M2_5	Standard	10.000	6.45	1828.057	18758.516	14.618	12.5	25.0	NO	0.992	NO	bb
5	180130M2_6	Standard	25.000	6.45	3869.933	20007.965	29.013	24.8	-0.7	NO	0.992	NO	bb
6	180130M2_7	Standard	50.000	6.45	8816.345	25158.520	52.565	45.0	-10.0	NO	0.992	NO	bb
7	180130M2_8	Standard	250.000	6.45	47240.699	21715.514	326.315	279.4	11.8	NO	0.992	NO	bb
8	180130M2_9	Standard	500.000	6.45	87762.852	23753.662	554.206	474.6	-5.1	NO	0.992	NO	bb
9	180130M2_10	Standard	1250.000	6.45	236022.172	20525.086	1724.881	1477.2	18.2	NO	0.992	NO	bbX
10	180130M2_11	Standard	2500.000	6.45	382955.969	21442.361	2678.968	2294.3	-8.2	NO	0.992	NO	bbX

Compound name: 13C3-PFBA

Response Factor: 0.841532

RRF SD: 0.0337006, Relative SD: 4.00468

Response type: Internal Std (Ref 57), 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	180130M2_2	Standard	12.500	1.29	6876.616	8210.687	10.469	12.4	-0.5	NO		NO	MM
2	180130M2_3	Standard	12.500	1.29	6670.910	8326.326	10.015	11.9	-4.8	NO		NO	MM
3	180130M2_4	Standard	12.500	1.29	6686.141	8545.569	9.780	11.6	-7.0	NO		NO	MM
4	180130M2_5	Standard	12.500	1.29	7453.242	8399.944	11.091	13.2	5.4	NO		NO	MM
5	180130M2_6	Standard	12.500	1.29	7296.654	8315.953	10.968	13.0	4.3	NO		NO	MM
6	180130M2_7	Standard	12.500	1.29	7576.361	8964.952	10.564	12.6	0.4	NO		NO	MM
7	180130M2_8	Standard	12.500	1.29	7914.732	9521.732	10.390	12.3	-1.2	NO		NO	MM
8	180130M2_9	Standard	12.500	1.29	8748.384	10081.110	10.847	12.9	3.1	NO		NO	bb
9	180130M2_10	Standard	12.500	1.29	7969.932	9700.431	10.270	12.2	-2.4	NO		NO	MM
10	180130M2_11	Standard	12.500	1.29	8561.667	9912.341	10.797	12.8	2.6	NO		NO	MM

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Compound name: 13C3-PFPeA

Response Factor: 0.870345

RRF SD: 0.0403566, Relative SD: 4.63686

Response type: Internal Std (Ref 58), 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 180130M2_2	Standard	12.500	2.24	11593.497	13011.596	11.138	12.8	2.4	NO		NO	bb
2	2 180130M2_3	Standard	12.500	2.24	11553.364	13195.139	10.945	12.6	0.6	NO		NO	bb
3	3 180130M2_4	Standard	12.500	2.24	12093.586	13969.374	10.822	12.4	-0.5	NO		NO	bb
4	4 180130M2_5	Standard	12.500	2.25	11420.756	13576.036	10.516	12.1	-3.3	NO		NO	bb
5	5 180130M2_6	Standard	12.500	2.25	11755.113	12245.354	12.000	13.8	10.3	NO		NO	bb
6	6 180130M2_7	Standard	12.500	2.25	12249.239	14139.857	10.829	12.4	-0.5	NO		NO	bb
7	7 180130M2_8	Standard	12.500	2.24	11794.470	14528.324	10.148	11.7	-6.7	NO		NO	bb
8	8 180130M2_9	Standard	12.500	2.25	12359.346	14090.640	10.964	12.6	0.8	NO		NO	bb
9	9 180130M2_10	Standard	12.500	2.25	11197.215	13488.114	10.377	11.9	-4.6	NO		NO	bb
10	10 180130M2_11	Standard	12.500	2.25	10759.299	12163.914	11.057	12.7	1.6	NO		NO	bb

Compound name: 13C3-PFBS

Response Factor: 0.109211

RRF SD: 0.00692146, Relative SD: 6.3377

Response type: Internal Std (Ref 58), 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 180130M2_2	Standard	12.500	2.53	1557.144	13011.596	1.496	13.7	9.6	NO		NO	bb
2	2 180130M2_3	Standard	12.500	2.52	1504.408	13195.139	1.425	13.0	4.4	NO		NO	bb
3	3 180130M2_4	Standard	12.500	2.53	1373.188	13969.374	1.229	11.3	-10.0	NO		NO	bb
4	4 180130M2_5	Standard	12.500	2.53	1405.841	13576.036	1.294	11.9	-5.2	NO		NO	bb
5	5 180130M2_6	Standard	12.500	2.52	1473.915	12245.354	1.505	13.8	10.2	NO		NO	bb
6	6 180130M2_7	Standard	12.500	2.52	1524.539	14139.857	1.348	12.3	-1.3	NO		NO	bb
7	7 180130M2_8	Standard	12.500	2.52	1550.796	14528.324	1.334	12.2	-2.3	NO		NO	bb
8	8 180130M2_9	Standard	12.500	2.52	1524.122	14090.640	1.352	12.4	-1.0	NO		NO	bb
9	9 180130M2_10	Standard	12.500	2.53	1426.854	13488.114	1.322	12.1	-3.1	NO		NO	bb
10	10 180130M2_11	Standard	12.500	2.53	1309.955	12163.914	1.346	12.3	-1.4	NO		NO	bb

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Compound name: 13C2-PFHxA

Response Factor: 0.683986

RRF SD: 0.0402348, Relative SD: 5.8824

Response type: Internal Std (Ref 58), 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 180130M2_2	Standard	5.000	3.02	3444.513	13011.596	3.309	4.8	-3.2	NO		NO	bb
2	2 180130M2_3	Standard	5.000	3.02	3804.890	13195.139	3.604	5.3	5.4	NO		NO	bb
3	3 180130M2_4	Standard	5.000	3.02	3925.958	13969.374	3.513	5.1	2.7	NO		NO	bb
4	4 180130M2_5	Standard	5.000	3.02	3424.845	13576.036	3.153	4.6	-7.8	NO		NO	bb
5	5 180130M2_6	Standard	5.000	3.02	3509.592	12245.354	3.583	5.2	4.8	NO		NO	bb
6	6 180130M2_7	Standard	5.000	3.02	3506.838	14139.857	3.100	4.5	-9.4	NO		NO	bb
7	7 180130M2_8	Standard	5.000	3.02	3857.463	14528.324	3.319	4.9	-3.0	NO		NO	bb
8	8 180130M2_9	Standard	5.000	3.02	4084.247	14090.640	3.623	5.3	5.9	NO		NO	bb
9	9 180130M2_10	Standard	5.000	3.02	3610.123	13488.114	3.346	4.9	-2.2	NO		NO	bb
10	10 180130M2_11	Standard	5.000	3.02	3550.825	12163.914	3.649	5.3	6.7	NO		NO	bb

Compound name: 13C4-PFHpA

Response Factor: 0.73222

RRF SD: 0.0705618, Relative SD: 9.6367

Response type: Internal Std (Ref 58), 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 180130M2_2	Standard	12.500	3.64	8881.518	13011.596	8.532	11.7	-6.8	NO		NO	bb
2	2 180130M2_3	Standard	12.500	3.64	9917.206	13195.139	9.395	12.8	2.6	NO		NO	bb
3	3 180130M2_4	Standard	12.500	3.64	11092.101	13969.374	9.925	13.6	8.4	NO		NO	bb
4	4 180130M2_5	Standard	12.500	3.64	8887.327	13576.036	8.183	11.2	-10.6	NO		NO	bb
5	5 180130M2_6	Standard	12.500	3.64	10858.797	12245.354	11.085	15.1	21.1	NO		NO	bb
6	6 180130M2_7	Standard	12.500	3.64	10289.855	14139.857	9.096	12.4	-0.6	NO		NO	bb
7	7 180130M2_8	Standard	12.500	3.64	9713.688	14528.324	8.358	11.4	-8.7	NO		NO	bb
8	8 180130M2_9	Standard	12.500	3.64	10630.633	14090.640	9.431	12.9	3.0	NO		NO	bb
9	9 180130M2_10	Standard	12.500	3.64	9057.838	13488.114	8.394	11.5	-8.3	NO		NO	bb
10	10 180130M2_11	Standard	12.500	3.64	8883.200	12163.914	9.129	12.5	-0.3	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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Compound name: 18O2-PFHxS

Response Factor: 0.318489

RRF SD: 0.026213, Relative SD: 8.23042

Response type: Internal Std (Ref 59), 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 180130M2_2	Standard	12.500	3.79	1053.045	3133.309	4.201	13.2	5.5	NO		NO	bb
2	2 180130M2_3	Standard	12.500	3.79	903.095	3317.915	3.402	10.7	-14.5	NO		NO	bb
3	3 180130M2_4	Standard	12.500	3.79	997.103	3208.628	3.884	12.2	-2.4	NO		NO	bb
4	4 180130M2_5	Standard	12.500	3.80	989.370	3366.284	3.674	11.5	-7.7	NO		NO	bb
5	5 180130M2_6	Standard	12.500	3.80	1029.990	2940.188	4.379	13.7	10.0	NO		NO	bb
6	6 180130M2_7	Standard	12.500	3.80	963.713	3305.314	3.645	11.4	-8.5	NO		NO	bb
7	7 180130M2_8	Standard	12.500	3.79	1168.792	3393.047	4.306	13.5	8.2	NO		NO	bb
8	8 180130M2_9	Standard	12.500	3.80	1095.959	3208.935	4.269	13.4	7.2	NO		NO	bb
9	9 180130M2_10	Standard	12.500	3.80	1005.605	3056.239	4.113	12.9	3.3	NO		NO	bb
10	10 180130M2_11	Standard	12.500	3.79	900.761	2859.102	3.938	12.4	-1.1	NO		NO	bb

Compound name: 13C2-6:2 FTS

Response Factor: 0.263169

RRF SD: 0.050723, Relative SD: 19.2739

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

not used.

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180130M2_2	Standard	12.500	4.11	3156.692	13162.293	2.998	11.4	-8.9	NO		NO	bb
2	2 180130M2_3	Standard	12.500	4.11	3107.359	13413.036	2.896	11.0	-12.0	NO		NO	bb
3	3 180130M2_4	Standard	12.500	4.11	3000.727	12444.263	3.014	11.5	-8.4	NO		NO	bb
4	4 180130M2_5	Standard	12.500	4.11	3251.060	10618.383	3.827	14.5	16.3	NO		NO	bb
5	5 180130M2_6	Standard	12.500	4.11	2980.632	10983.482	3.392	12.9	3.1	NO		NO	bb
6	6 180130M2_7	Standard	12.500	4.11	2653.478	13183.299	2.516	9.6	-23.5	NO		NO	bb
7	7 180130M2_8	Standard	12.500	4.11	4002.189	11411.057	4.384	16.7	33.3	NO		NO	bb
8	8 180130M2_9	Standard	12.500	4.11	4850.995	14180.067	4.276	16.2	30.0	NO		NO	bbX
9	9 180130M2_10	Standard	12.500	4.11	5655.589	12593.902	5.613	21.3	70.6	NO		NO	bbX
10	10 180130M2_11	Standard	12.500	4.11	8018.997	9719.872	10.313	39.2	213.5	NO		NO	bbX

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Compound name: 13C2-PFOA

Response Factor: 1.12022

RRF SD: 0.11738, Relative SD: 10.4783

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 180130M2_2	Standard	12.500	4.16	13083.550	13162.293	12.425	11.1	-11.3	NO		NO	bb
2	2 180130M2_3	Standard	12.500	4.16	12909.832	13413.036	12.031	10.7	-14.1	NO		NO	bb
3	3 180130M2_4	Standard	12.500	4.16	13755.024	12444.263	13.817	12.3	-1.3	NO		NO	bb
4	4 180130M2_5	Standard	12.500	4.17	12662.505	10618.383	14.906	13.3	6.5	NO		NO	bb
5	5 180130M2_6	Standard	12.500	4.17	13917.645	10983.482	15.839	14.1	13.1	NO		NO	bb
6	6 180130M2_7	Standard	12.500	4.17	13938.184	13183.299	13.216	11.8	-5.6	NO		NO	bb
7	7 180130M2_8	Standard	12.500	4.16	14519.339	11411.057	15.905	14.2	13.6	NO		NO	bb
8	8 180130M2_9	Standard	12.500	4.16	15012.127	14180.067	13.233	11.8	-5.5	NO		NO	bb
9	9 180130M2_10	Standard	12.500	4.16	13058.033	12593.902	12.961	11.6	-7.4	NO		NO	bb
10	10 180130M2_11	Standard	12.500	4.16	12203.416	9719.872	15.694	14.0	12.1	NO		NO	bb

Compound name: 13C5-PFNA

Response Factor: 0.920666

RRF SD: 0.0784975, Relative SD: 8.52617

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 180130M2_2	Standard	12.500	4.60	11924.658	13730.651	10.856	11.8	-5.7	NO		NO	bb
2	2 180130M2_3	Standard	12.500	4.60	12590.917	13491.499	11.666	12.7	1.4	NO		NO	bb
3	3 180130M2_4	Standard	12.500	4.61	13916.688	13218.265	13.160	14.3	14.4	NO		NO	bb
4	4 180130M2_5	Standard	12.500	4.61	11553.559	14457.424	9.989	10.9	-13.2	NO		NO	bb
5	5 180130M2_6	Standard	12.500	4.60	11286.473	13628.121	10.352	11.2	-10.0	NO		NO	bb
6	6 180130M2_7	Standard	12.500	4.60	12654.078	14589.838	10.842	11.8	-5.8	NO		NO	bb
7	7 180130M2_8	Standard	12.500	4.60	13283.173	13391.367	12.399	13.5	7.7	NO		NO	bb
8	8 180130M2_9	Standard	12.500	4.61	13966.063	14545.903	12.002	13.0	4.3	NO		NO	bb
9	9 180130M2_10	Standard	12.500	4.60	11905.473	12351.872	12.048	13.1	4.7	NO		NO	bb
10	10 180130M2_11	Standard	12.500	4.60	9374.423	9956.430	11.769	12.8	2.3	NO		NO	bb

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Compound name: 13C8-PFOSA

Response Factor: 0.244741

RRF SD: 0.0264031, Relative SD: 10.7882

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 180130M2_2	Standard	12.500	4.66	3565.097	15755.338	2.828	11.6	-7.5	NO		NO	bb
2	2 180130M2_3	Standard	12.500	4.66	3407.638	15660.628	2.720	11.1	-11.1	NO		NO	bb
3	3 180130M2_4	Standard	12.500	4.67	3539.375	12675.027	3.491	14.3	14.1	NO		NO	bb
4	4 180130M2_5	Standard	12.500	4.67	3497.803	14189.852	3.081	12.6	0.7	NO		NO	bb
5	5 180130M2_6	Standard	12.500	4.67	3378.658	11842.846	3.566	14.6	16.6	NO		NO	bb
6	6 180130M2_7	Standard	12.500	4.67	3567.036	14412.081	3.094	12.6	1.1	NO		NO	bb
7	7 180130M2_8	Standard	12.500	4.66	3558.686	14198.612	3.133	12.8	2.4	NO		NO	bb
8	8 180130M2_9	Standard	12.500	4.67	3598.307	16312.248	2.757	11.3	-9.9	NO		NO	bb
9	9 180130M2_10	Standard	12.500	4.66	2758.122	13227.100	2.607	10.7	-14.8	NO		NO	bb
10	10 180130M2_11	Standard	12.500	4.66	2957.394	11149.031	3.316	13.5	8.4	NO		NO	bb

Compound name: 13C8-PFOS

Response Factor: 1.03353

RRF SD: 0.0998805, Relative SD: 9.66405

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 180130M2_2	Standard	12.500	4.69	3303.503	3212.197	12.855	12.4	-0.5	NO		NO	bb
2	2 180130M2_3	Standard	12.500	4.69	2799.563	3362.358	10.408	10.1	-19.4	NO		NO	bb
3	3 180130M2_4	Standard	12.500	4.69	3313.572	3363.125	12.316	11.9	-4.7	NO		NO	bb
4	4 180130M2_5	Standard	12.500	4.69	3118.645	2718.791	14.338	13.9	11.0	NO		NO	bb
5	5 180130M2_6	Standard	12.500	4.69	3222.721	2720.529	14.807	14.3	14.6	NO		NO	bb
6	6 180130M2_7	Standard	12.500	4.69	3355.895	3128.131	13.410	13.0	3.8	NO		NO	bb
7	7 180130M2_8	Standard	12.500	4.69	3007.765	2802.440	13.416	13.0	3.8	NO		NO	bb
8	8 180130M2_9	Standard	12.500	4.69	3145.492	3275.906	12.002	11.6	-7.1	NO		NO	bb
9	9 180130M2_10	Standard	12.500	4.69	2900.628	2730.239	13.280	12.8	2.8	NO		NO	bb
10	10 180130M2_11	Standard	12.500	4.69	2708.485	2739.693	12.358	12.0	-4.3	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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Compound name: 13C2-PFDA

Response Factor: 1.07972

RRF SD: 0.153332, Relative SD: 14.2011

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	180130M2_2	Standard	12.500	4.98	10373.150	11681.606	11.100	10.3	-17.8	NO		NO	bb
2	180130M2_3	Standard	12.500	4.98	11181.896	11524.776	12.128	11.2	-10.1	NO		NO	bb
3	180130M2_4	Standard	12.500	4.98	11103.892	10147.010	13.679	12.7	1.4	NO		NO	bb
4	180130M2_5	Standard	12.500	4.98	11098.916	12501.062	11.098	10.3	-17.8	NO		NO	bb
5	180130M2_6	Standard	12.500	4.98	13841.649	11576.651	14.946	13.8	10.7	NO		NO	bb
6	180130M2_7	Standard	12.500	4.98	13395.807	11702.526	14.309	13.3	6.0	NO		NO	bb
7	180130M2_8	Standard	12.500	4.98	13454.328	11645.483	14.442	13.4	7.0	NO		NO	bb
8	180130M2_9	Standard	12.500	4.98	12731.192	12593.452	12.637	11.7	-6.4	NO		NO	bb
9	180130M2_10	Standard	12.500	4.98	11335.476	10707.824	13.233	12.3	-2.0	NO		NO	bb
10	180130M2_11	Standard	12.500	4.98	12827.448	9217.814	17.395	16.1	28.9	NO		NO	bb

Compound name: 13C2-8:2 FTS

Response Factor: 0.164841

RRF SD: 0.0113088, Relative SD: 6.86043

Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)

Curve type: RF

not used.

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180130M2_2	Standard	12.500	4.95	2169.507	13011.596	2.084	12.6	1.1	NO		NO	bb
2	180130M2_3	Standard	12.500	4.95	2044.149	13195.139	1.936	11.7	-6.0	NO		NO	bb
3	180130M2_4	Standard	12.500	4.95	2397.072	13969.374	2.145	13.0	4.1	NO		NO	bb
4	180130M2_5	Standard	12.500	4.95	2070.323	13576.030	1.906	11.6	-7.5	NO		NO	bb
5	180130M2_6	Standard	12.500	4.95	2248.008	12245.354	2.295	13.9	11.4	NO		NO	bb
6	180130M2_7	Standard	12.500	4.95	2193.182	14139.857	1.939	11.8	-5.9	NO		NO	bb
7	180130M2_8	Standard	12.500	4.95	2461.959	14528.324	2.118	12.9	2.8	NO		NO	bb
8	180130M2_9	Standard	12.500	4.95	3667.879	14090.640	3.254	19.7	57.9	NO		NO	bbX
9	180130M2_10	Standard	12.500	4.95	4299.694	13488.114	3.985	24.2	93.4	NO		NO	bbX
10	180130M2_11	Standard	12.500	4.95	5071.375	12163.914	5.211	31.6	152.9	NO		NO	bbX

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Compound name: d3-N-MeFOSAA

Response Factor: 0.397712

RRF SD: 0.048044, Relative SD: 12.0801

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 180130M2_2	Standard	12.500	5.13	5651.358	15755.338	4.484	11.3	-9.8	NO		NO	bb
2	2 180130M2_3	Standard	12.500	5.13	5094.401	15660.628	4.066	10.2	-18.2	NO		NO	bb
3	3 180130M2_4	Standard	12.500	5.13	5659.655	12675.027	5.582	14.0	12.3	NO		NO	bb
4	4 180130M2_5	Standard	12.500	5.14	5256.864	14189.852	4.631	11.6	-6.9	NO		NO	bb
5	5 180130M2_6	Standard	12.500	5.13	5623.414	11842.846	5.935	14.9	19.4	NO		NO	bb
6	6 180130M2_7	Standard	12.500	5.13	5524.531	14412.081	4.792	12.0	-3.6	NO		NO	bb
7	7 180130M2_8	Standard	12.500	5.13	5612.226	14198.612	4.941	12.4	-0.6	NO		NO	bb
8	8 180130M2_9	Standard	12.500	5.13	6113.146	16312.248	4.684	11.8	-5.8	NO		NO	bb
9	9 180130M2_10	Standard	12.500	5.13	5111.627	13227.100	4.831	12.1	-2.8	NO		NO	bb
10	10 180130M2_11	Standard	12.500	5.13	5145.271	11149.031	5.769	14.5	16.0	NO		NO	bb

Compound name: d5-N-EtFOSAA

Response Factor: 0.424932

RRF SD: 0.0580241, Relative SD: 13.6549

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 180130M2_2	Standard	12.500	5.28	6094.616	15755.338	4.835	11.4	-9.0	NO		NO	MM
2	2 180130M2_3	Standard	12.500	5.29	6234.195	15660.628	4.976	11.7	-6.3	NO		NO	MM
3	3 180130M2_4	Standard	12.500	5.29	6814.311	12675.027	6.720	15.8	26.5	NO		NO	MM
4	4 180130M2_5	Standard	12.500	5.29	4971.428	14189.852	4.379	10.3	-17.6	NO		NO	MM
5	5 180130M2_6	Standard	12.500	5.29	5897.333	11842.846	6.225	14.6	17.2	NO		NO	bb
6	6 180130M2_7	Standard	12.500	5.29	6240.996	14412.081	5.413	12.7	1.9	NO		NO	bb
7	7 180130M2_8	Standard	12.500	5.29	6520.371	14198.612	5.740	13.5	8.1	NO		NO	bb
8	8 180130M2_9	Standard	12.500	5.29	6313.640	16312.248	4.838	11.4	-8.9	NO		NO	bb
9	9 180130M2_10	Standard	12.500	5.29	5061.634	13227.100	4.783	11.3	-9.9	NO		NO	bb
10	10 180130M2_11	Standard	12.500	5.29	4643.514	11149.031	5.206	12.3	-2.0	NO		NO	bb

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Compound name: 13C2-PFUdA

Response Factor: 1.0474

RRF SD: 0.125136, Relative SD: 11.9473

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 180130M2_2	Standard	12.500	5.30	16376.577	15755.338	12.993	12.4	-0.8	NO		NO	bb
2	2 180130M2_3	Standard	12.500	5.30	14143.141	15660.628	11.289	10.8	-13.8	NO		NO	bb
3	3 180130M2_4	Standard	12.500	5.31	14888.429	12675.027	14.683	14.0	12.1	NO		NO	bb
4	4 180130M2_5	Standard	12.500	5.31	15103.803	14189.852	13.305	12.7	1.6	NO		NO	bb
5	5 180130M2_6	Standard	12.500	5.31	14910.061	11842.846	15.737	15.0	20.2	NO		NO	bb
6	6 180130M2_7	Standard	12.500	5.31	14939.002	14412.081	12.957	12.4	-1.0	NO		NO	bb
7	7 180130M2_8	Standard	12.500	5.31	13571.186	14198.612	11.948	11.4	-8.7	NO		NO	bb
8	8 180130M2_9	Standard	12.500	5.31	14580.421	16312.248	11.173	10.7	-14.7	NO		NO	bb
9	9 180130M2_10	Standard	12.500	5.31	12712.355	13227.100	12.014	11.5	-8.2	NO		NO	bb
10	10 180130M2_11	Standard	12.500	5.31	13224.735	11149.031	14.827	14.2	13.2	NO		NO	bb

Compound name: 13C2-PFDoA

Response Factor: 0.805274

RRF SD: 0.138303, Relative SD: 17.1746

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 180130M2_2	Standard	12.500	5.59	9896.215	15755.338	7.851	9.8	-22.0	NO		NO	bb
2	2 180130M2_3	Standard	12.500	5.59	9179.814	15660.628	7.327	9.1	-27.2	NO		NO	bb
3	3 180130M2_4	Standard	12.500	5.59	11021.308	12675.027	10.869	13.5	8.0	NO		NO	bb
4	4 180130M2_5	Standard	12.500	5.59	12445.758	14189.852	10.964	13.6	8.9	NO		NO	bb
5	5 180130M2_6	Standard	12.500	5.59	12067.352	11842.846	12.737	15.8	26.5	NO		NO	bb
6	6 180130M2_7	Standard	12.500	5.60	12514.131	14412.081	10.854	13.5	7.8	NO		NO	bb
7	7 180130M2_8	Standard	12.500	5.60	10850.401	14198.612	9.552	11.9	-5.1	NO		NO	bb
8	8 180130M2_9	Standard	12.500	5.59	11191.926	16312.248	8.576	10.7	-14.8	NO		NO	bb
9	9 180130M2_10	Standard	12.500	5.59	10785.471	13227.100	10.193	12.7	1.3	NO		NO	bb
10	10 180130M2_11	Standard	12.500	5.59	10467.454	11149.031	11.736	14.6	16.6	NO		NO	bb

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Compound name: d3-N-MeFOSA

Response Factor: 0.103574

RRF SD: 0.0146509, Relative SD: 14.1454

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 180130M2_2	Standard	150.000	5.74	16447.836	15755.338	13.049	126.0	-16.0	NO		NO	bb
2	2 180130M2_3	Standard	150.000	5.74	16202.515	15660.628	12.933	124.9	-16.8	NO		NO	bb
3	3 180130M2_4	Standard	150.000	5.74	17642.555	12675.027	17.399	168.0	12.0	NO		NO	bb
4	4 180130M2_5	Standard	150.000	5.74	16327.131	14189.852	14.383	138.9	-7.4	NO		NO	bb
5	5 180130M2_6	Standard	150.000	5.74	16733.125	11842.846	17.662	170.5	13.7	NO		NO	bb
6	6 180130M2_7	Standard	150.000	5.74	17104.477	14412.081	14.835	143.2	-4.5	NO		NO	bb
7	7 180130M2_8	Standard	150.000	5.74	17488.910	14198.612	15.397	148.7	-0.9	NO		NO	bb
8	8 180130M2_9	Standard	150.000	5.74	18006.723	16312.248	13.798	133.2	-11.2	NO		NO	bb
9	9 180130M2_10	Standard	150.000	5.74	17167.242	13227.100	16.224	156.6	4.4	NO		NO	bb
10	10 180130M2_11	Standard	150.000	5.74	17554.230	11149.031	19.681	190.0	26.7	NO		NO	bb

Compound name: 13C2-PFTeDA

Response Factor: 0.36698

RRF SD: 0.0540347, Relative SD: 14.7241

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 180130M2_2	Standard	12.500	6.07	4814.393	15755.338	3.820	10.4	-16.7	NO		NO	bb
2	2 180130M2_3	Standard	12.500	6.07	4451.768	15660.628	3.553	9.7	-22.5	NO		NO	bb
3	3 180130M2_4	Standard	12.500	6.06	4605.410	12675.027	4.542	12.4	-1.0	NO		NO	bb
4	4 180130M2_5	Standard	12.500	6.06	5326.945	14189.852	4.693	12.8	2.3	NO		NO	bb
5	5 180130M2_6	Standard	12.500	6.06	4987.994	11842.846	5.265	14.3	14.8	NO		NO	bb
6	6 180130M2_7	Standard	12.500	6.06	5603.112	14412.081	4.860	13.2	5.9	NO		NO	bb
7	7 180130M2_8	Standard	12.500	6.07	5129.476	14198.612	4.516	12.3	-1.6	NO		NO	bb
8	8 180130M2_9	Standard	12.500	6.06	5040.080	16312.248	3.862	10.5	-15.8	NO		NO	bb
9	9 180130M2_10	Standard	12.500	6.07	5446.927	13227.100	5.148	14.0	12.2	NO		NO	bb
10	10 180130M2_11	Standard	12.500	6.06	5008.250	11149.031	5.615	15.3	22.4	NO		NO	bb

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Compound name: d5-N-ETFOSA

Response Factor: 0.154763

RRF SD: 0.014663, Relative SD: 9.47446

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 180130M2_2	Standard	150.000	6.14	26732.176	15755.338	21.209	137.0	-8.6	NO		NO	bb
2	2 180130M2_3	Standard	150.000	6.14	25847.691	15660.628	20.631	133.3	-11.1	NO		NO	bb
3	3 180130M2_4	Standard	150.000	6.15	25791.316	12675.027	25.435	164.3	9.6	NO		NO	bb
4	4 180130M2_5	Standard	150.000	6.15	26573.410	14189.852	23.409	151.3	0.8	NO		NO	bb
5	5 180130M2_6	Standard	150.000	6.15	25316.451	11842.846	26.721	172.7	15.1	NO		NO	bb
6	6 180130M2_7	Standard	150.000	6.15	25481.031	14412.081	22.100	142.8	-4.8	NO		NO	bb
7	7 180130M2_8	Standard	150.000	6.15	26351.174	14198.612	23.199	149.9	-0.1	NO		NO	bb
8	8 180130M2_9	Standard	150.000	6.15	26572.170	16312.248	20.362	131.6	-12.3	NO		NO	bb
9	9 180130M2_10	Standard	150.000	6.15	24740.119	13227.100	23.380	151.1	0.7	NO		NO	bb
10	10 180130M2_11	Standard	150.000	6.15	22921.061	11149.031	25.698	166.1	10.7	NO		NO	bb

Compound name: 13C2-PFHxDA

Response Factor: 0.721387

RRF SD: 0.12471, Relative SD: 17.2875

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 180130M2_2	Standard	5.000	6.40	3669.718	15755.338	2.911	4.0	-19.3	NO		NO	bb
2	2 180130M2_3	Standard	5.000	6.40	3465.723	15660.628	2.766	3.8	-23.3	NO		NO	bb
3	3 180130M2_4	Standard	5.000	6.41	4127.492	12675.027	4.070	5.6	12.9	NO		NO	bb
4	4 180130M2_5	Standard	5.000	6.41	4006.979	14189.852	3.530	4.9	-2.1	NO		NO	bb
5	5 180130M2_6	Standard	5.000	6.41	4192.145	11842.846	4.425	6.1	22.7	NO		NO	bb
6	6 180130M2_7	Standard	5.000	6.41	3563.170	14412.081	3.090	4.3	-14.3	NO		NO	bb
7	7 180130M2_8	Standard	5.000	6.40	3902.427	14198.612	3.436	4.8	-4.8	NO		NO	bb
8	8 180130M2_9	Standard	5.000	6.40	4303.081	16312.248	3.297	4.6	-8.6	NO		NO	bb
9	9 180130M2_10	Standard	5.000	6.40	4236.179	13227.100	4.003	5.5	11.0	NO		NO	bb
10	10 180130M2_11	Standard	5.000	6.40	4049.145	11149.031	4.540	6.3	25.9	NO		NO	bb

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Compound name: d7-N-MeFOSE

Response Factor: 0.142533

RRF SD: 0.0276541, Relative SD: 19.4019

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 180130M2_2	Standard	150.000	6.28	20511.127	15755.338	16.273	114.2	-23.9	NO		NO	bb
2	2 180130M2_3	Standard	150.000	6.28	25191.553	15660.628	20.107	141.1	-6.0	NO		NO	bb
3	3 180130M2_4	Standard	150.000	6.29	25217.705	12675.027	24.869	174.5	16.3	NO		NO	bb
4	4 180130M2_5	Standard	150.000	6.29	18800.625	14189.852	16.562	116.2	-22.5	NO		NO	bd
5	5 180130M2_6	Standard	150.000	6.30	24643.811	11842.846	26.011	182.5	21.7	NO		NO	bb
6	6 180130M2_7	Standard	150.000	6.29	21160.852	14412.081	18.353	128.8	-14.2	NO		NO	bb
7	7 180130M2_8	Standard	150.000	6.29	25076.201	14198.612	22.076	154.9	3.3	NO		NO	bb
8	8 180130M2_9	Standard	150.000	6.29	23019.229	16312.248	17.640	123.8	-17.5	NO		NO	bb
9	9 180130M2_10	Standard	150.000	6.29	25816.693	13227.100	24.398	171.2	14.1	NO		NO	bb
10	10 180130M2_11	Standard	150.000	6.28	24536.986	11149.031	27.510	193.0	28.7	NO		NO	bb

Compound name: d9-N-EtFOSE

Response Factor: 0.132647

RRF SD: 0.019358, Relative SD: 14.5937

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 180130M2_2	Standard	150.000	6.44	19448.451	15755.338	15.430	116.3	-22.5	NO		NO	bb
2	2 180130M2_3	Standard	150.000	6.44	24035.443	15660.628	19.185	144.6	-3.6	NO		NO	bd
3	3 180130M2_4	Standard	150.000	6.44	24472.643	12675.027	24.135	181.9	21.3	NO		NO	bb
4	4 180130M2_5	Standard	150.000	6.44	18758.516	14189.852	16.525	124.6	-16.9	NO		NO	bb
5	5 180130M2_6	Standard	150.000	6.44	20007.965	11842.846	21.118	159.2	6.1	NO		NO	bb
6	6 180130M2_7	Standard	150.000	6.44	25158.520	14412.081	21.821	164.5	9.7	NO		NO	bb
7	7 180130M2_8	Standard	150.000	6.44	21715.514	14198.612	19.118	144.1	-3.9	NO		NO	bb
8	8 180130M2_9	Standard	150.000	6.44	23753.662	16312.248	18.202	137.2	-8.5	NO		NO	bb
9	9 180130M2_10	Standard	150.000	6.44	20525.086	13227.100	19.397	146.2	-2.5	NO		NO	bb
10	10 180130M2_11	Standard	150.000	6.44	21442.361	11149.031	24.041	181.2	20.8	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 57), 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 180130M2_2	Standard	12.500	1.28	8210.687	8210.687	12.500	12.5	0.0	NO		NO	MM
2	2 180130M2_3	Standard	12.500	1.28	8326.326	8326.326	12.500	12.5	0.0	NO		NO	MM
3	3 180130M2_4	Standard	12.500	1.28	8545.569	8545.569	12.500	12.5	0.0	NO		NO	MM
4	4 180130M2_5	Standard	12.500	1.29	8399.944	8399.944	12.500	12.5	0.0	NO		NO	MM
5	5 180130M2_6	Standard	12.500	1.28	8315.953	8315.953	12.500	12.5	0.0	NO		NO	MM
6	6 180130M2_7	Standard	12.500	1.29	8964.952	8964.952	12.500	12.5	0.0	NO		NO	bb
7	7 180130M2_8	Standard	12.500	1.29	9521.732	9521.732	12.500	12.5	0.0	NO		NO	MM
8	8 180130M2_9	Standard	12.500	1.29	10081.110	10081.110	12.500	12.5	0.0	NO		NO	bb
9	9 180130M2_10	Standard	12.500	1.29	9700.431	9700.431	12.500	12.5	0.0	NO		NO	db
10	10 180130M2_11	Standard	12.500	1.29	9912.341	9912.341	12.500	12.5	0.0	NO		NO	MM

Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 58), 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 180130M2_2	Standard	12.500	3.02	13011.596	13011.596	12.500	12.5	0.0	NO		NO	bb
2	2 180130M2_3	Standard	12.500	3.02	13195.139	13195.139	12.500	12.5	0.0	NO		NO	bb
3	3 180130M2_4	Standard	12.500	3.02	13969.374	13969.374	12.500	12.5	0.0	NO		NO	bb
4	4 180130M2_5	Standard	12.500	3.02	13576.036	13576.036	12.500	12.5	0.0	NO		NO	bb
5	5 180130M2_6	Standard	12.500	3.02	12245.354	12245.354	12.500	12.5	0.0	NO		NO	bb
6	6 180130M2_7	Standard	12.500	3.02	14139.857	14139.857	12.500	12.5	0.0	NO		NO	bb
7	7 180130M2_8	Standard	12.500	3.02	14528.324	14528.324	12.500	12.5	0.0	NO		NO	bb
8	8 180130M2_9	Standard	12.500	3.02	14090.640	14090.640	12.500	12.5	0.0	NO		NO	bb
9	9 180130M2_10	Standard	12.500	3.02	13488.114	13488.114	12.500	12.5	0.0	NO		NO	bb
10	10 180130M2_11	Standard	12.500	3.02	12163.914	12163.914	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 59), 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 180130M2_2	Standard	12.500	3.79	3133.309	3133.309	12.500	12.5	0.0	NO		NO	bb
2	2 180130M2_3	Standard	12.500	3.79	3317.915	3317.915	12.500	12.5	0.0	NO		NO	bb
3	3 180130M2_4	Standard	12.500	3.79	3208.628	3208.628	12.500	12.5	0.0	NO		NO	bb
4	4 180130M2_5	Standard	12.500	3.80	3366.284	3366.284	12.500	12.5	0.0	NO		NO	bb
5	5 180130M2_6	Standard	12.500	3.80	2940.188	2940.188	12.500	12.5	0.0	NO		NO	bb
6	6 180130M2_7	Standard	12.500	3.80	3305.314	3305.314	12.500	12.5	0.0	NO		NO	bb
7	7 180130M2_8	Standard	12.500	3.79	3393.047	3393.047	12.500	12.5	0.0	NO		NO	bb
8	8 180130M2_9	Standard	12.500	3.80	3208.935	3208.935	12.500	12.5	0.0	NO		NO	bb
9	9 180130M2_10	Standard	12.500	3.79	3056.239	3056.239	12.500	12.5	0.0	NO		NO	bb
10	10 180130M2_11	Standard	12.500	3.80	2859.102	2859.102	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 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 180130M2_2	Standard	12.500	4.16	13162.293	13162.293	12.500	12.5	0.0	NO		NO	bb
2	2 180130M2_3	Standard	12.500	4.16	13413.036	13413.036	12.500	12.5	0.0	NO		NO	bb
3	3 180130M2_4	Standard	12.500	4.16	12444.263	12444.263	12.500	12.5	0.0	NO		NO	bb
4	4 180130M2_5	Standard	12.500	4.17	10618.383	10618.383	12.500	12.5	0.0	NO		NO	bb
5	5 180130M2_6	Standard	12.500	4.17	10983.482	10983.482	12.500	12.5	0.0	NO		NO	bb
6	6 180130M2_7	Standard	12.500	4.17	13183.299	13183.299	12.500	12.5	0.0	NO		NO	bb
7	7 180130M2_8	Standard	12.500	4.16	11411.057	11411.057	12.500	12.5	0.0	NO		NO	bb
8	8 180130M2_9	Standard	12.500	4.16	14180.067	14180.067	12.500	12.5	0.0	NO		NO	bb
9	9 180130M2_10	Standard	12.500	4.16	12593.902	12593.902	12.500	12.5	0.0	NO		NO	bb
10	10 180130M2_11	Standard	12.500	4.17	9719.872	9719.872	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 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 180130M2_2	Standard	12.500	4.60	13730.651	13730.651	12.500	12.5	0.0	NO		NO	bb
2	2 180130M2_3	Standard	12.500	4.60	13491.499	13491.499	12.500	12.5	0.0	NO		NO	bb
3	3 180130M2_4	Standard	12.500	4.60	13218.265	13218.265	12.500	12.5	0.0	NO		NO	bb
4	4 180130M2_5	Standard	12.500	4.61	14457.424	14457.424	12.500	12.5	0.0	NO		NO	bb
5	5 180130M2_6	Standard	12.500	4.60	13628.121	13628.121	12.500	12.5	0.0	NO		NO	bb
6	6 180130M2_7	Standard	12.500	4.60	14589.838	14589.838	12.500	12.5	0.0	NO		NO	bb
7	7 180130M2_8	Standard	12.500	4.60	13391.367	13391.367	12.500	12.5	0.0	NO		NO	bb
8	8 180130M2_9	Standard	12.500	4.61	14545.903	14545.903	12.500	12.5	0.0	NO		NO	bb
9	9 180130M2_10	Standard	12.500	4.60	12351.872	12351.872	12.500	12.5	0.0	NO		NO	bb
10	10 180130M2_11	Standard	12.500	4.60	9956.430	9956.430	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 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 180130M2_2	Standard	12.500	4.69	3212.197	3212.197	12.500	12.5	0.0	NO		NO	bb
2	2 180130M2_3	Standard	12.500	4.69	3362.358	3362.358	12.500	12.5	0.0	NO		NO	bb
3	3 180130M2_4	Standard	12.500	4.69	3363.125	3363.125	12.500	12.5	0.0	NO		NO	bb
4	4 180130M2_5	Standard	12.500	4.69	2718.791	2718.791	12.500	12.5	0.0	NO		NO	bb
5	5 180130M2_6	Standard	12.500	4.69	2720.529	2720.529	12.500	12.5	0.0	NO		NO	bb
6	6 180130M2_7	Standard	12.500	4.69	3128.131	3128.131	12.500	12.5	0.0	NO		NO	bb
7	7 180130M2_8	Standard	12.500	4.69	2802.440	2802.440	12.500	12.5	0.0	NO		NO	bb
8	8 180130M2_9	Standard	12.500	4.69	3275.906	3275.906	12.500	12.5	0.0	NO		NO	bb
9	9 180130M2_10	Standard	12.500	4.69	2730.239	2730.239	12.500	12.5	0.0	NO		NO	bb
10	10 180130M2_11	Standard	12.500	4.69	2739.693	2739.693	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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Compound name: 13C6-PFDA

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 180130M2_2	Standard	12.500	4.98	11681.606	11681.606	12.500	12.5	0.0	NO		NO	bb
2	2 180130M2_3	Standard	12.500	4.98	11524.776	11524.776	12.500	12.5	0.0	NO		NO	bb
3	3 180130M2_4	Standard	12.500	4.98	10147.010	10147.010	12.500	12.5	0.0	NO		NO	bb
4	4 180130M2_5	Standard	12.500	4.98	12501.062	12501.062	12.500	12.5	0.0	NO		NO	bb
5	5 180130M2_6	Standard	12.500	4.98	11576.651	11576.651	12.500	12.5	0.0	NO		NO	bb
6	6 180130M2_7	Standard	12.500	4.98	11702.526	11702.526	12.500	12.5	0.0	NO		NO	bb
7	7 180130M2_8	Standard	12.500	4.98	11645.483	11645.483	12.500	12.5	0.0	NO		NO	bb
8	8 180130M2_9	Standard	12.500	4.98	12593.452	12593.452	12.500	12.5	0.0	NO		NO	bb
9	9 180130M2_10	Standard	12.500	4.98	10707.824	10707.824	12.500	12.5	0.0	NO		NO	bb
10	10 180130M2_11	Standard	12.500	4.98	9217.814	9217.814	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 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 180130M2_2	Standard	12.500	5.30	15755.338	15755.338	12.500	12.5	0.0	NO		NO	bb
2	2 180130M2_3	Standard	12.500	5.30	15660.628	15660.628	12.500	12.5	0.0	NO		NO	bb
3	3 180130M2_4	Standard	12.500	5.30	12675.027	12675.027	12.500	12.5	0.0	NO		NO	bb
4	4 180130M2_5	Standard	12.500	5.31	14189.852	14189.852	12.500	12.5	0.0	NO		NO	bb
5	5 180130M2_6	Standard	12.500	5.31	11842.846	11842.846	12.500	12.5	0.0	NO		NO	bb
6	6 180130M2_7	Standard	12.500	5.31	14412.081	14412.081	12.500	12.5	0.0	NO		NO	bb
7	7 180130M2_8	Standard	12.500	5.31	14198.612	14198.612	12.500	12.5	0.0	NO		NO	bb
8	8 180130M2_9	Standard	12.500	5.31	16312.248	16312.248	12.500	12.5	0.0	NO		NO	bb
9	9 180130M2_10	Standard	12.500	5.30	13227.100	13227.100	12.500	12.5	0.0	NO		NO	bb
10	10 180130M2_11	Standard	12.500	5.30	11149.031	11149.031	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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Compound name: 13C2-4:2 FTS

Response Factor: 0.2749

RRF SD: 0.0536262, Relative SD: 19.5075

Response type: Internal Std (Ref 58), 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 180130M2_2	Standard	12.500	2.93	3217.796	13011.596	3.091	11.2	-10.0	NO		NO	bb
2	2 180130M2_3	Standard	12.500	2.93	3239.996	13195.139	3.069	11.2	-10.7	NO		NO	bb
3	3 180130M2_4	Standard	12.500	2.93	3408.473	13969.374	3.050	11.1	-11.2	NO		NO	bb
4	4 180130M2_5	Standard	12.500	2.93	2957.988	13576.036	2.724	9.9	-20.7	NO		NO	bb
5	5 180130M2_6	Standard	12.500	2.93	3295.877	12245.354	3.364	12.2	-2.1	NO		NO	bb
6	6 180130M2_7	Standard	12.500	2.93	3567.222	14139.857	3.154	11.5	-8.2	NO		NO	bb
7	7 180130M2_8	Standard	12.500	2.93	4012.883	14528.324	3.453	12.6	0.5	NO		NO	bb
8	8 180130M2_9	Standard	12.500	2.93	4656.155	14090.640	4.131	15.0	20.2	NO		NO	bb
9	9 180130M2_10	Standard	12.500	2.93	5277.693	13488.114	4.891	17.8	42.3	NO		NO	bb
10	10 180130M2_11	Standard	12.500	2.93	7300.226	12163.914	7.502	27.3	118.3	NO		NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 31 Jan 2018 08:59:53

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_2, Date: 30-Jan-2018, Time: 11:44:38, ID: ST180130M2-1 PFC CS-2 18A1904, Description: PFC CS-2 18A1904

#	Name	CoD	CoD Flag	%RSD
1	1 PFBA	0.9987	NO	
2	2 PFPeA	0.9997	NO	
3	3 PFBS	0.9996	NO	
4	4 4:2 FTS	0.9986	NO	
5	5 PFHxA	0.9991	NO	
6	6 PFPeS	0.9985	NO	
7	7 PFHpA	0.9938	NO	
8	8 L-PFHxS	0.9975	NO	
9	10 6:2 FTS	0.9990	NO	
10	11 L-PFOA	0.9996	NO	
11	13 PFHpS	0.9982	NO	
12	14 PFNA	0.9983	NO	
13	15 PFOSA	0.9949	NO	
14	16 L-PFOS	0.9992	NO	
15	18 PFDA	0.9980	NO	
16	19 8:2 FTS	0.9941	NO	
17	20 PFNS	0.9989	NO	
18	21 N-MeFOSAA	0.9989	NO	
19	22 N-EtFOSAA	0.9989	NO	
20	23 PFUdA	0.9993	NO	
21	24 PFDS	0.9986	NO	
22	25 PFDoA	0.9976	NO	
23	26 N-MeFOSA	0.9950	NO	
24	27 PFTTrDA	0.9984	NO	
25	28 PFTeDA	0.9987	NO	
26	29 N-EtFOSA	0.9994	NO	
27	30 PFHxDA	0.9996	NO	
28	31 PFODA	0.9960	NO	
29	32 N-MeFOSE	0.9928	NO	
30	33 N-EtFOSE	0.9922	NO	
31	34 13C3-PFBA		NO	4.005

Dataset: Untitled

Last Altered: Wednesday, January 31, 2018 10:09:07 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:09:21 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 31 Jan 2018 09:53:30

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180130M2_1	IPA	30-Jan-18	11:33:07
2	180130M2_2	ST180130M2-1 PFC CS-2 18A1904	30-Jan-18	11:44:38
3	180130M2_3	ST180130M2-2 PFC CS-1 18A1905	30-Jan-18	11:56:07
4	180130M2_4	ST180130M2-3 PFC CS0 18A1906	30-Jan-18	12:07:36
5	180130M2_5	ST180130M2-4 PFC CS1 18A1907	30-Jan-18	12:19:06
6	180130M2_6	ST180130M2-5 PFC CS2 18A1908	30-Jan-18	12:30:35
7	180130M2_7	ST180130M2-6 PFC CS3 18A1909	30-Jan-18	12:42:05
8	180130M2_8	ST180130M2-7 PFC CS4 18A1910	30-Jan-18	12:53:35
9	180130M2_9	ST180130M2-8 PFC CS5 18A1911	30-Jan-18	13:05:04
10	180130M2_10	ST180130M2-9 PFC CS6 18A2403	30-Jan-18	13:16:34
11	180130M2_11	ST180130M2-10 PFC CS7 18A2404	30-Jan-18	13:28:04
12	180130M2_12	IPA	30-Jan-18	13:39:34
13	180130M2_13	ICV180130M2-1 PFC ICV 18A1903	30-Jan-18	13:51:03
14	180130M2_14	IPA	30-Jan-18	14:02:33

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 31 Jan 2018 08:59:53

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

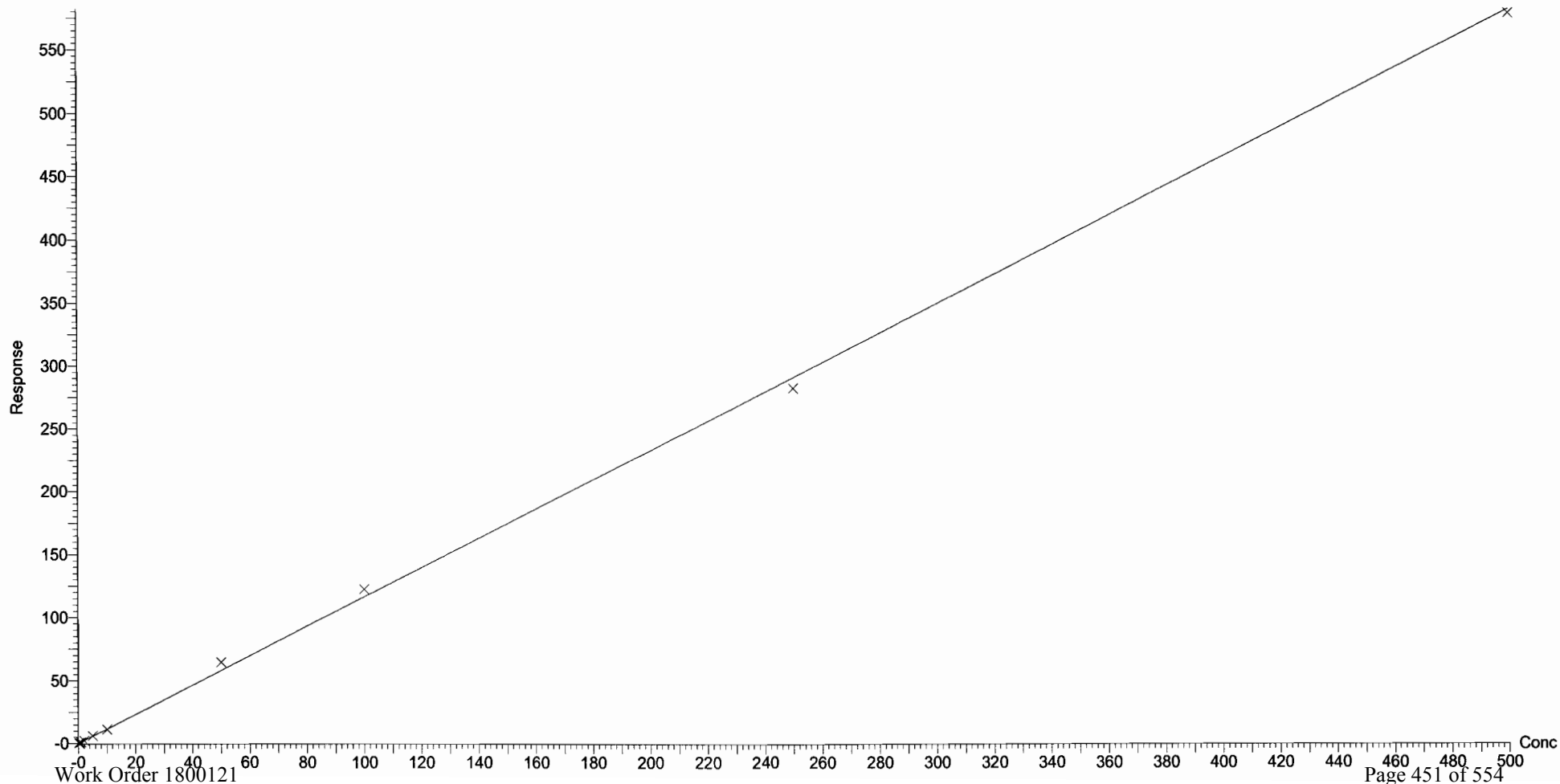
Compound name: PFBA

Correlation coefficient: $r = 0.999349$, $r^2 = 0.998699$

Calibration curve: $1.16442 * x + -0.0439979$

Response type: Internal Std (Ref 34), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

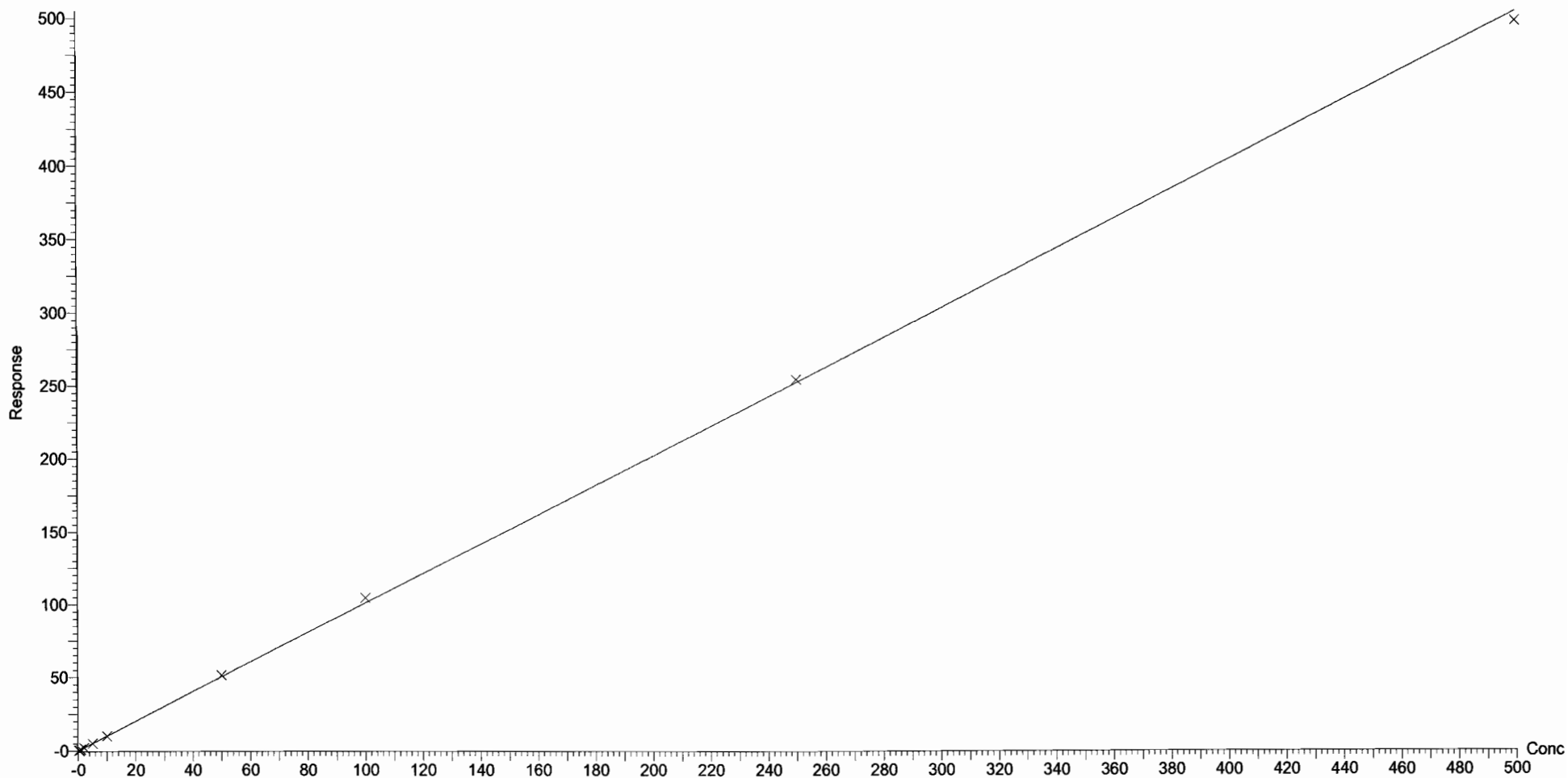
Compound name: PFPeA

Correlation coefficient: $r = 0.999864$, $r^2 = 0.999727$

Calibration curve: $1.00957 * x + 0.0379804$

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

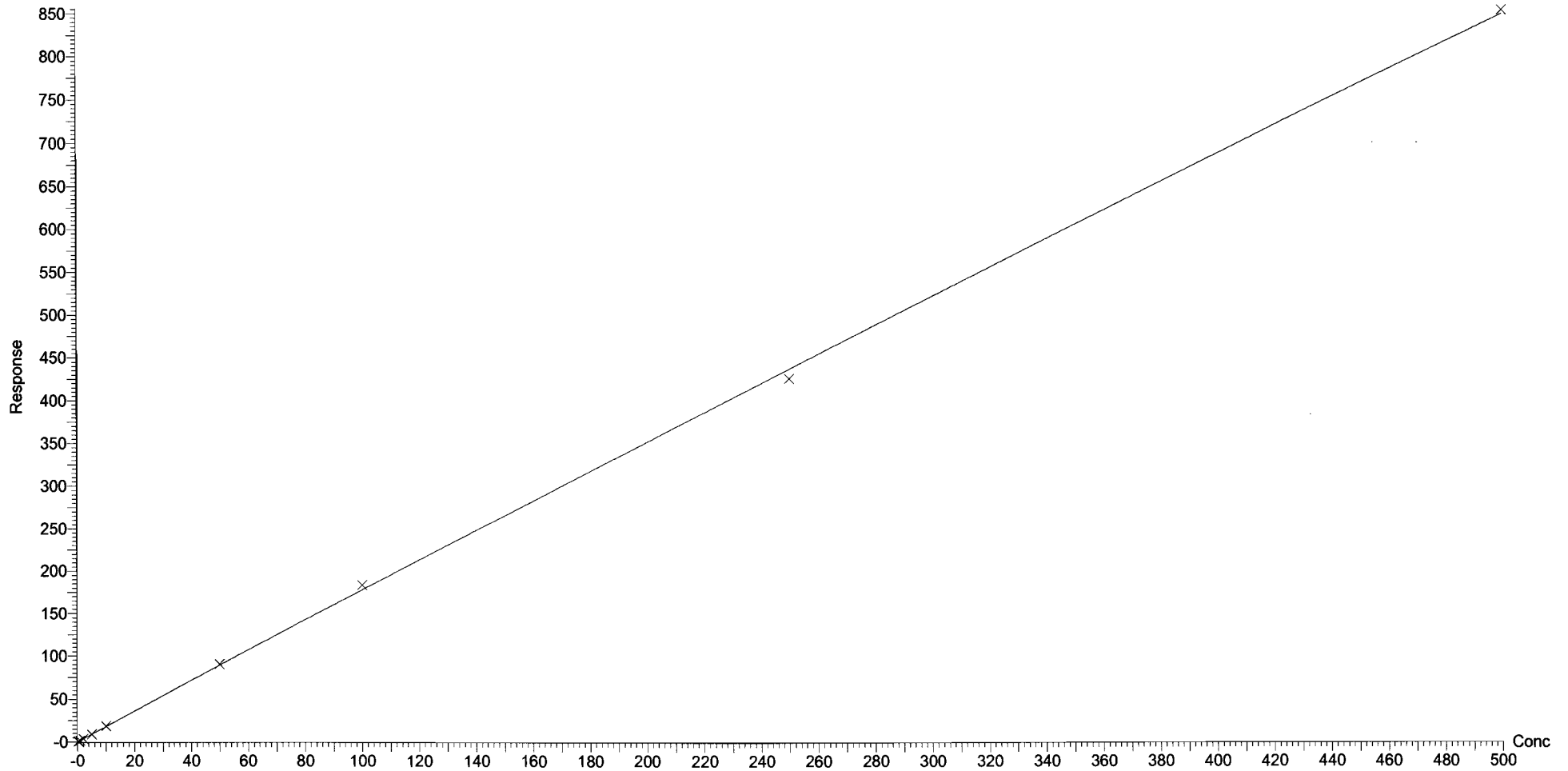
Compound name: PFBS

Coefficient of Determination: $R^2 = 0.999648$

Calibration curve: $-0.000192588 * x^2 + 1.79867 * x + 0.0797843$

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

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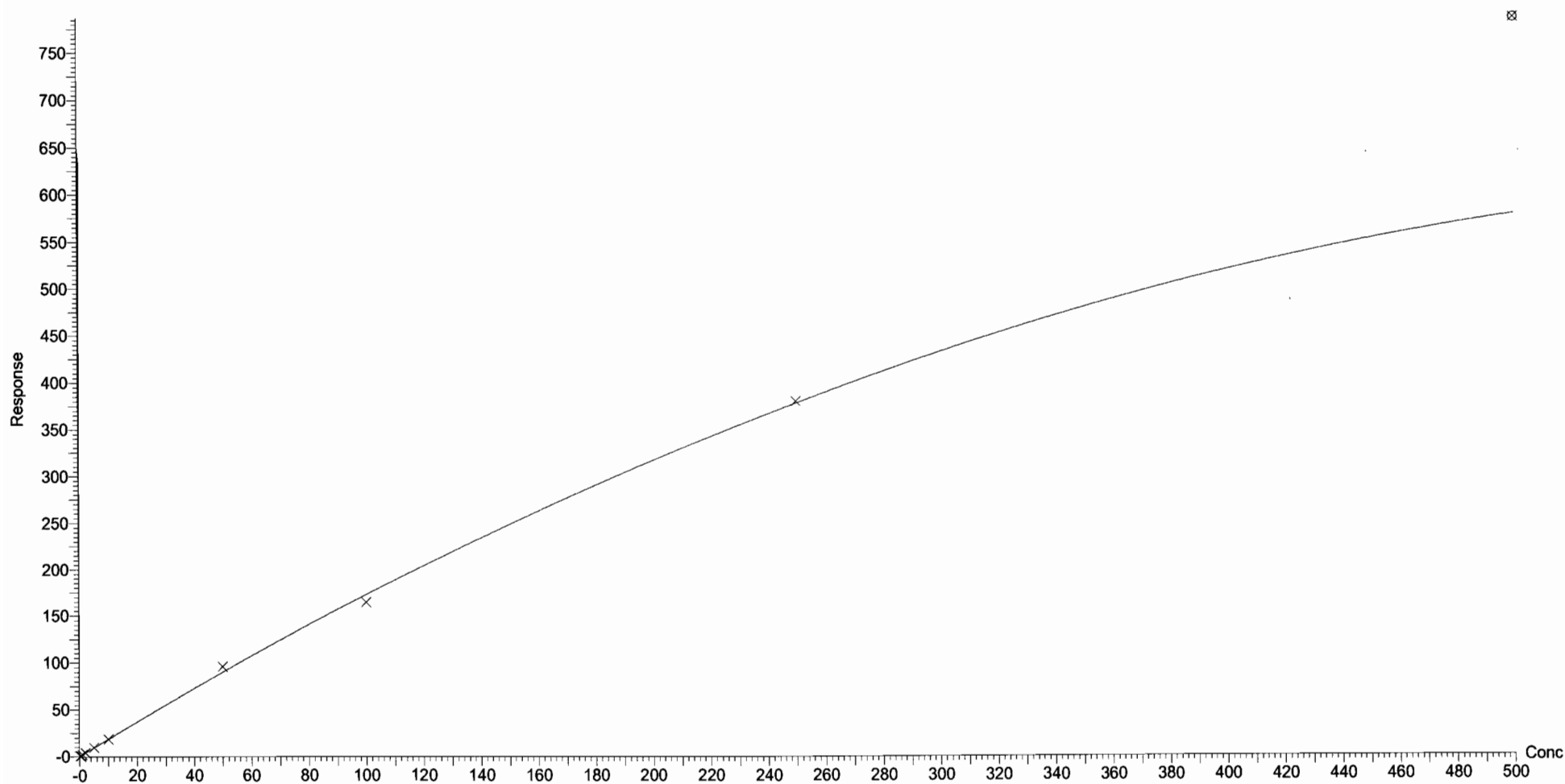
Compound name: 4:2 FTS

Coefficient of Determination: $R^2 = 0.998629$

Calibration curve: $-0.00142534 * x^2 + 1.86892 * x + 0.00922081$

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

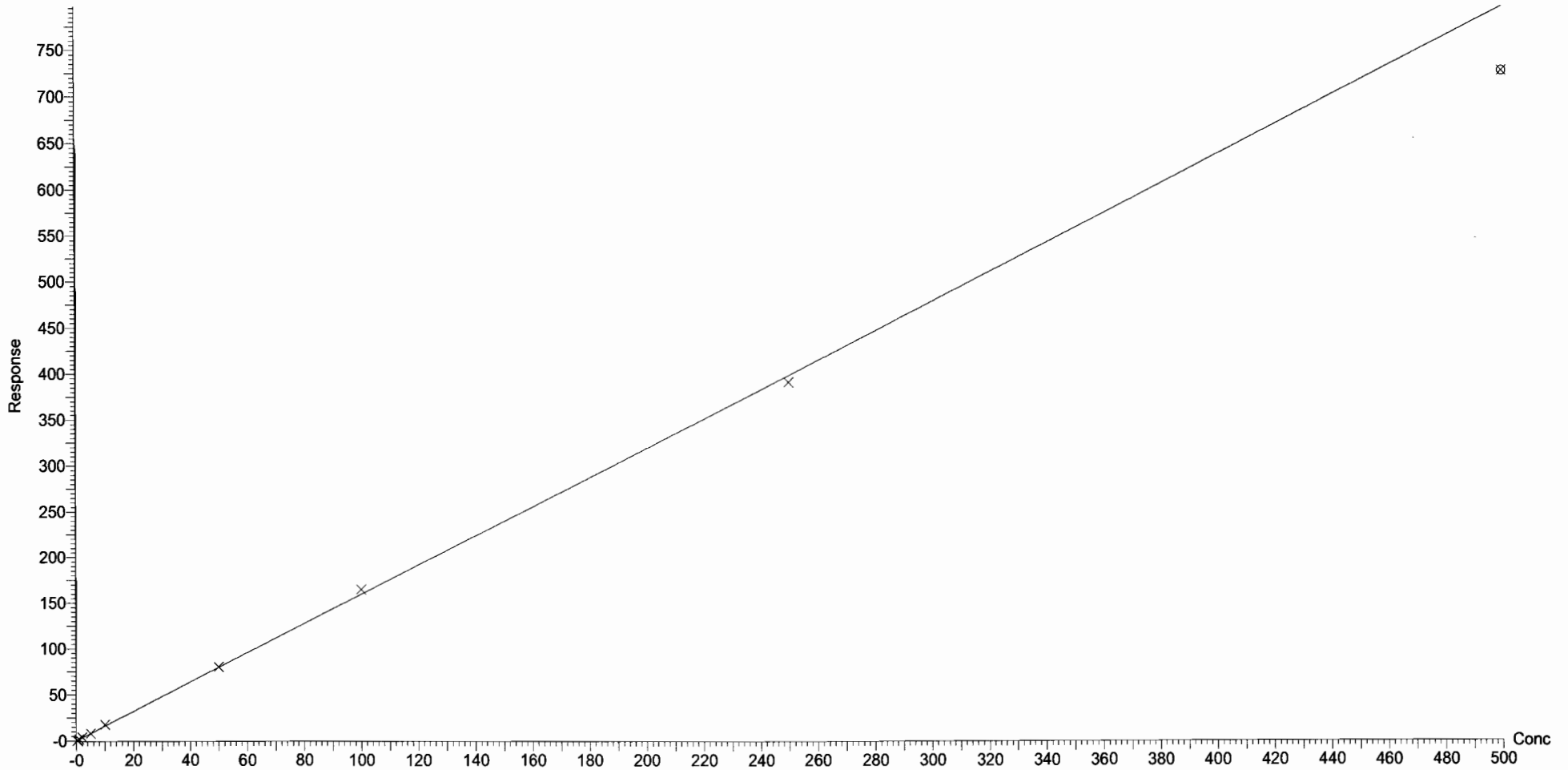
Compound name: PFHxA

Correlation coefficient: $r = 0.999536$, $r^2 = 0.999072$

Calibration curve: $1.59305 * x + 0.154027$

Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

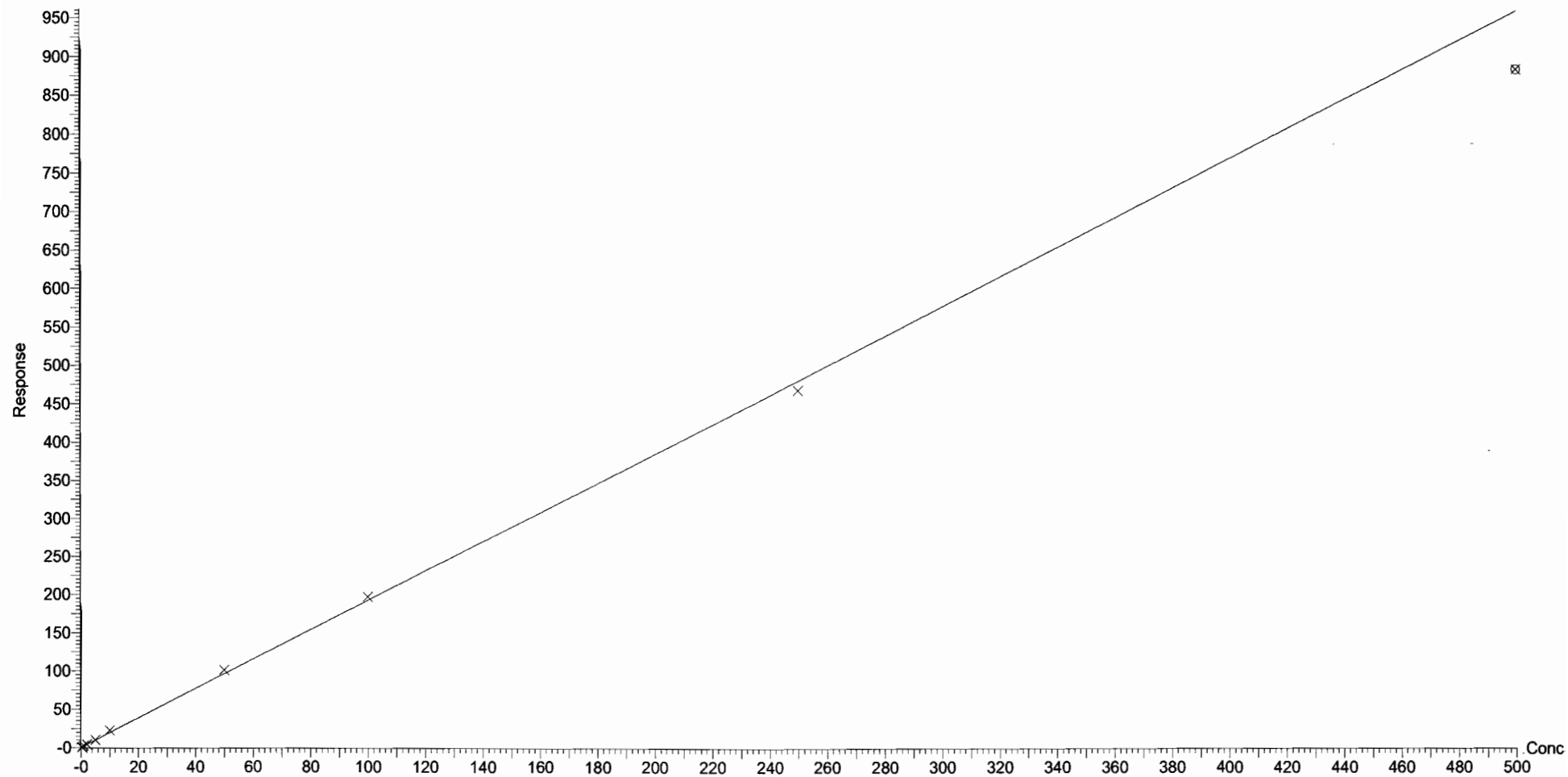
Compound name: PFPeS

Correlation coefficient: $r = 0.999248$, $r^2 = 0.998497$

Calibration curve: $1.92186 * x + 0.239017$

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\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

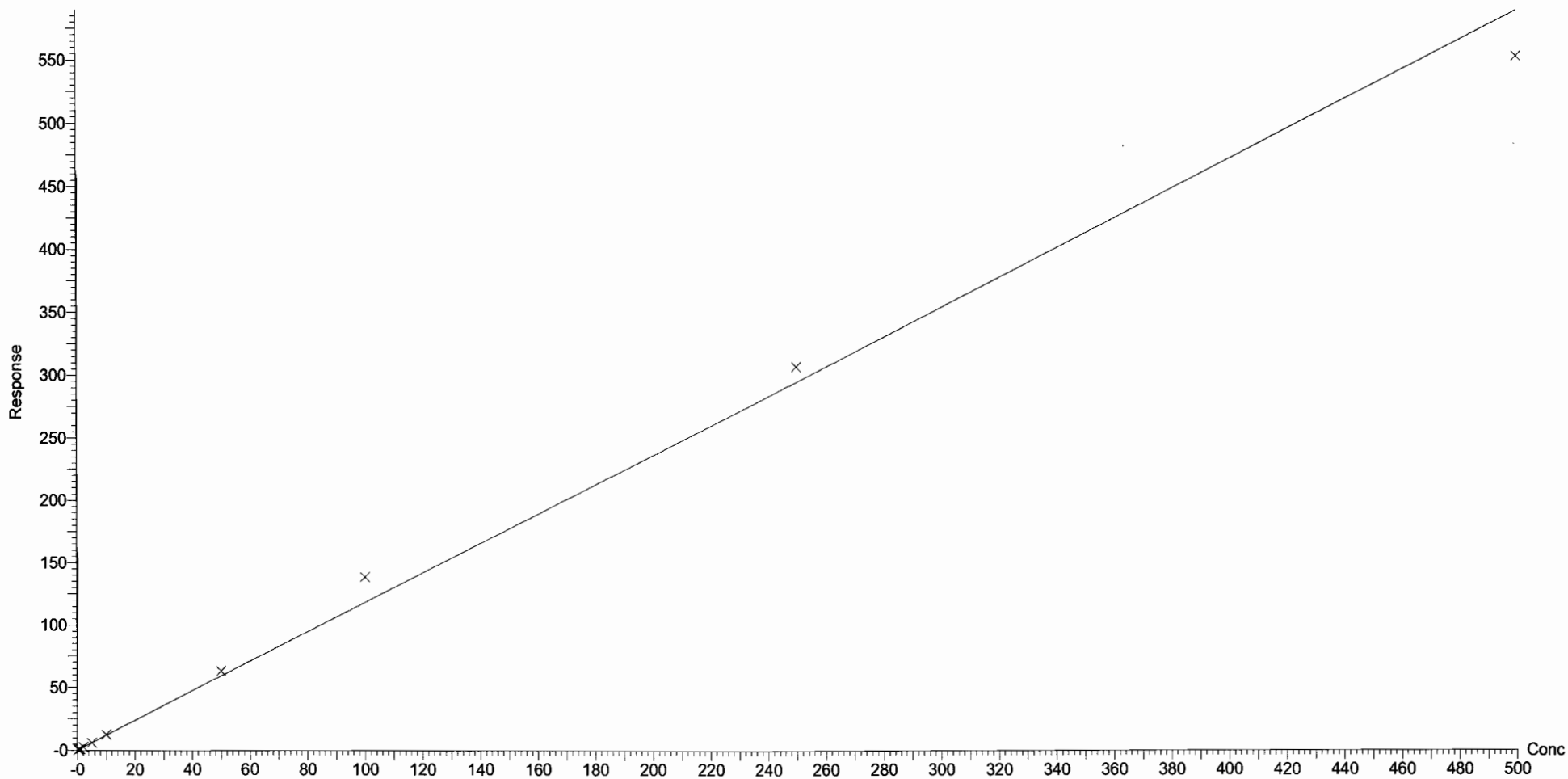
Compound name: PFHpA

Correlation coefficient: $r = 0.996911$, $r^2 = 0.993832$

Calibration curve: $1.17843 * x + 0.12989$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

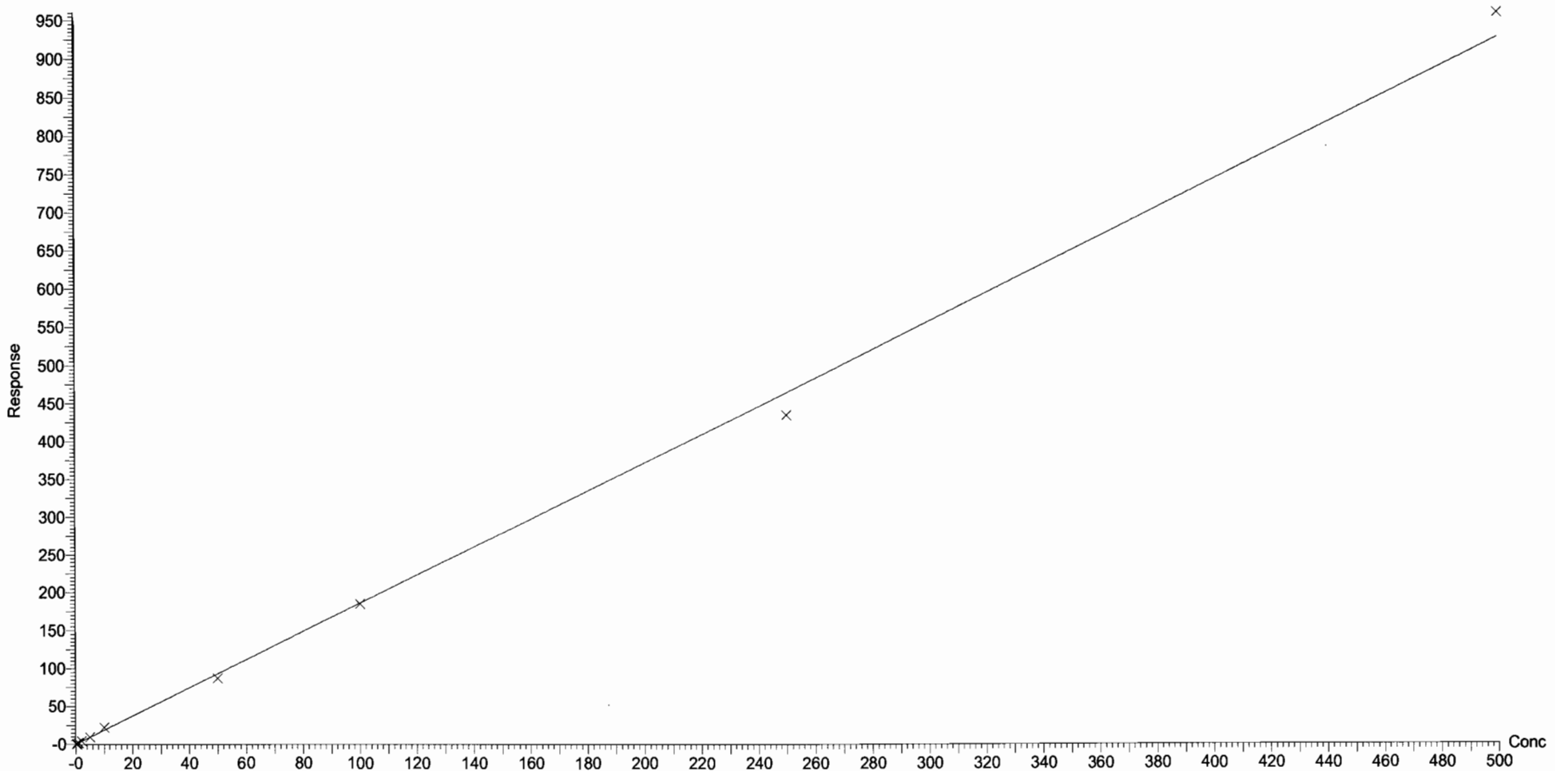
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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Compound name: L-PFHxS
Correlation coefficient: $r = 0.998763$, $r^2 = 0.997528$
Calibration curve: $1.85703 * x + 0.0178379$
Response type: Internal Std (Ref 39), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

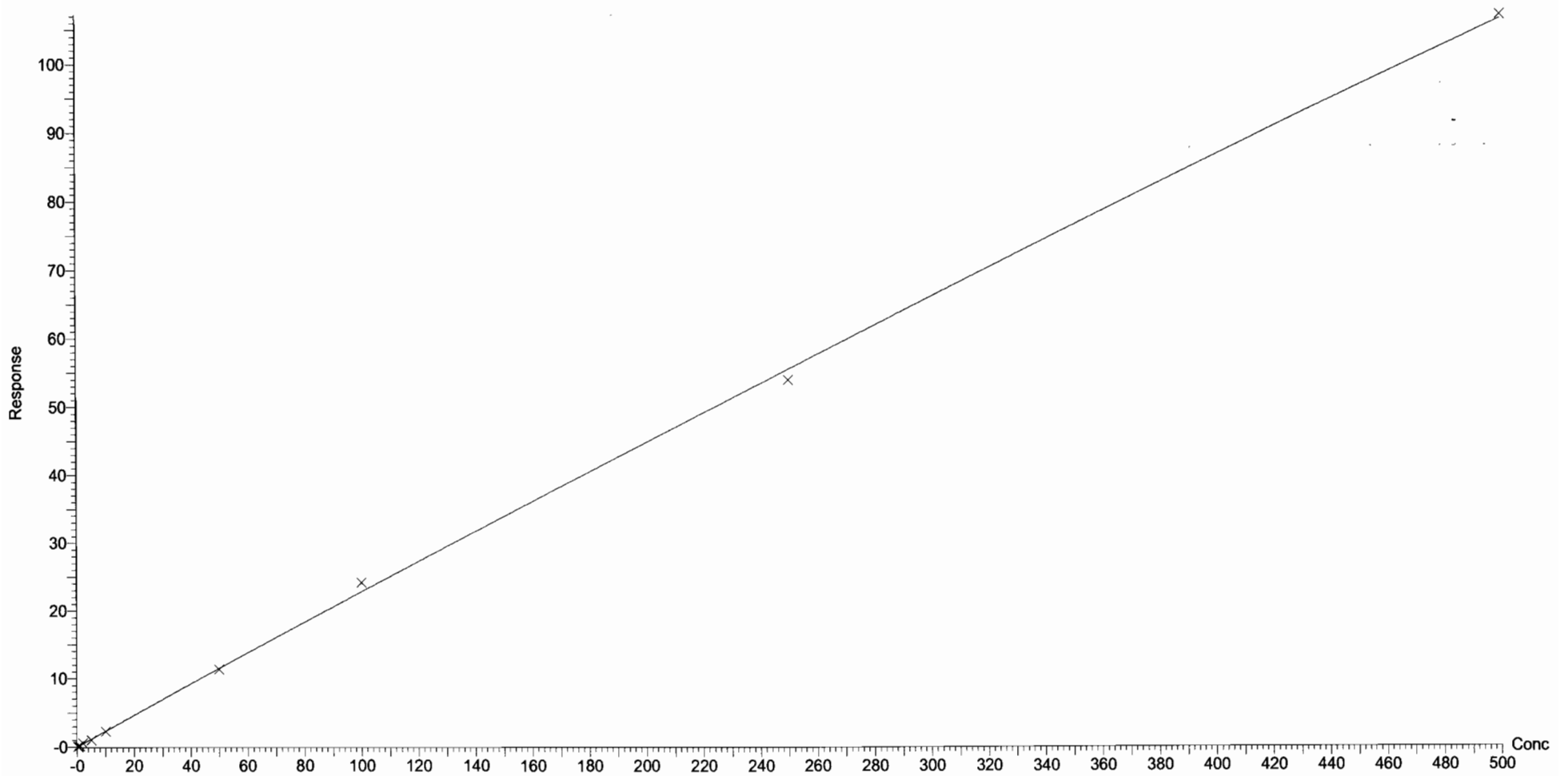
Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.998989$

Calibration curve: $-3.58558e-005 * x^2 + 0.231183 * x + 0.00652079$

Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

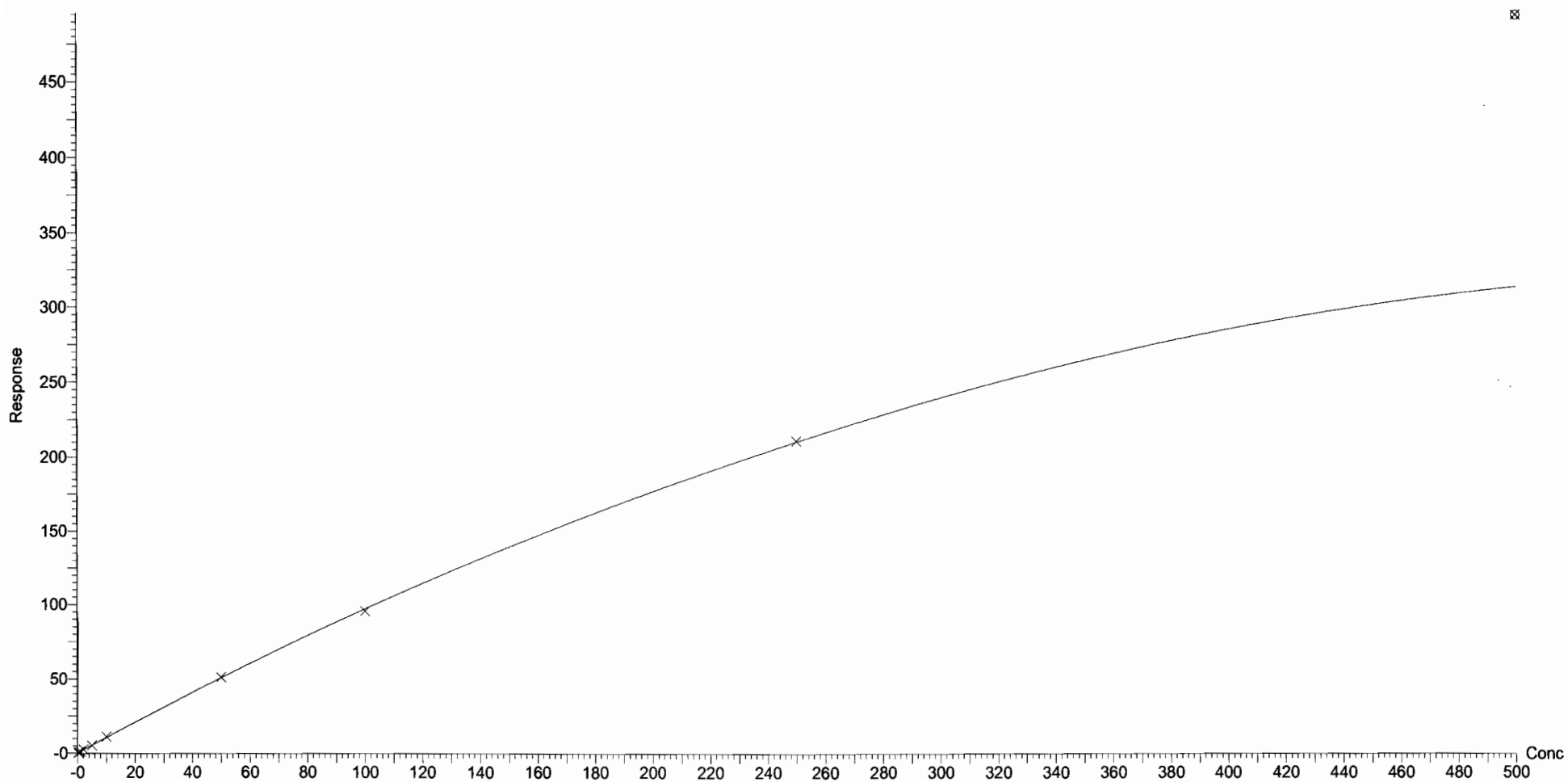
Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.999566$

Calibration curve: $-0.000857391 * x^2 + 1.05615 * x + 0.0717082$

Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

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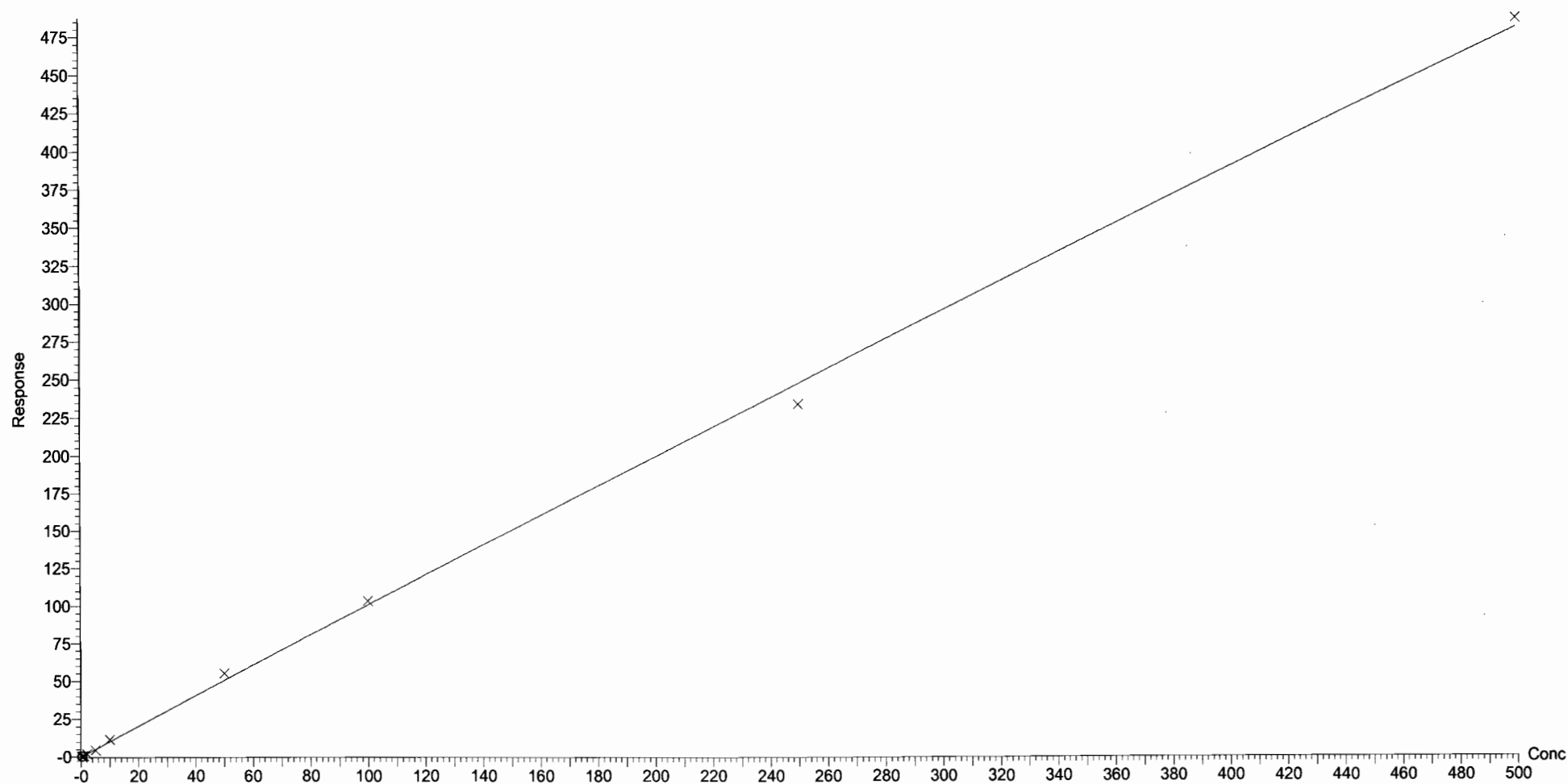
Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.998172$

Calibration curve: $-0.000111162 * x^2 + 1.01876 * x + -0.0937669$

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\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

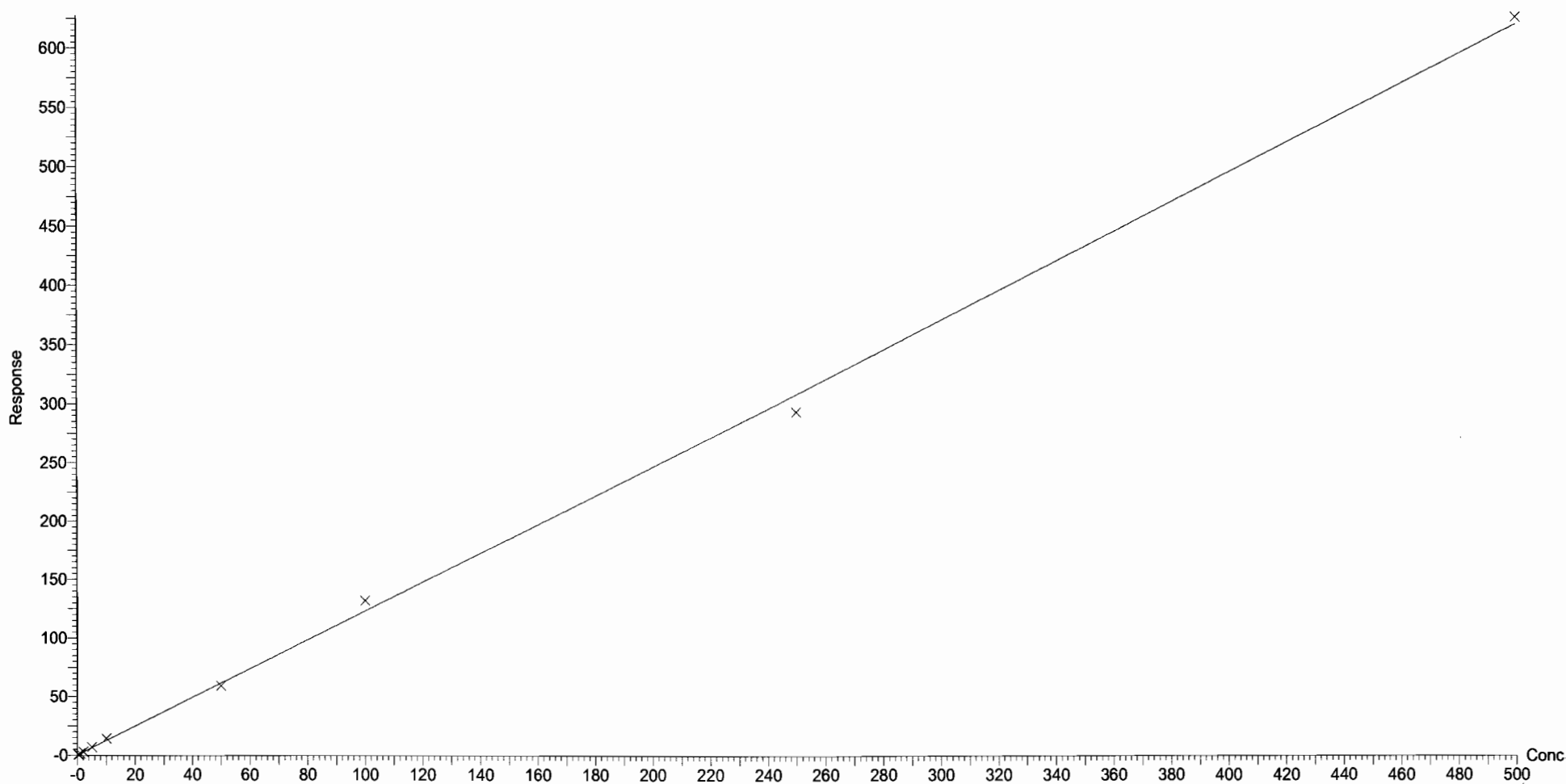
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.998285$

Calibration curve: $3.72704e-005 * x^2 + 1.22337 * x + 0.164766$

Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

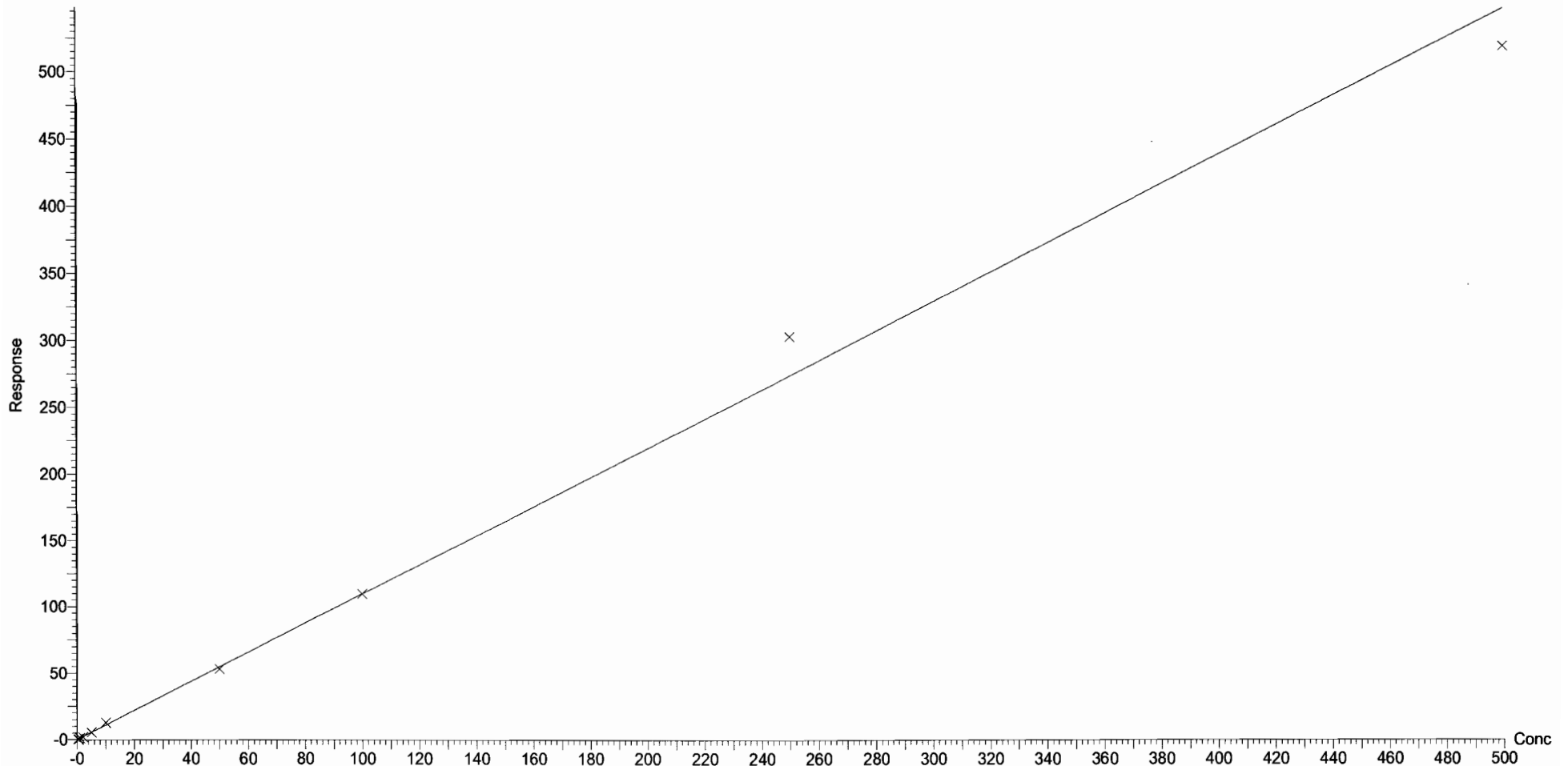
Compound name: PFOSA

Correlation coefficient: $r = 0.997452$, $r^2 = 0.994909$

Calibration curve: $1.09599 * x + -0.0345352$

Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

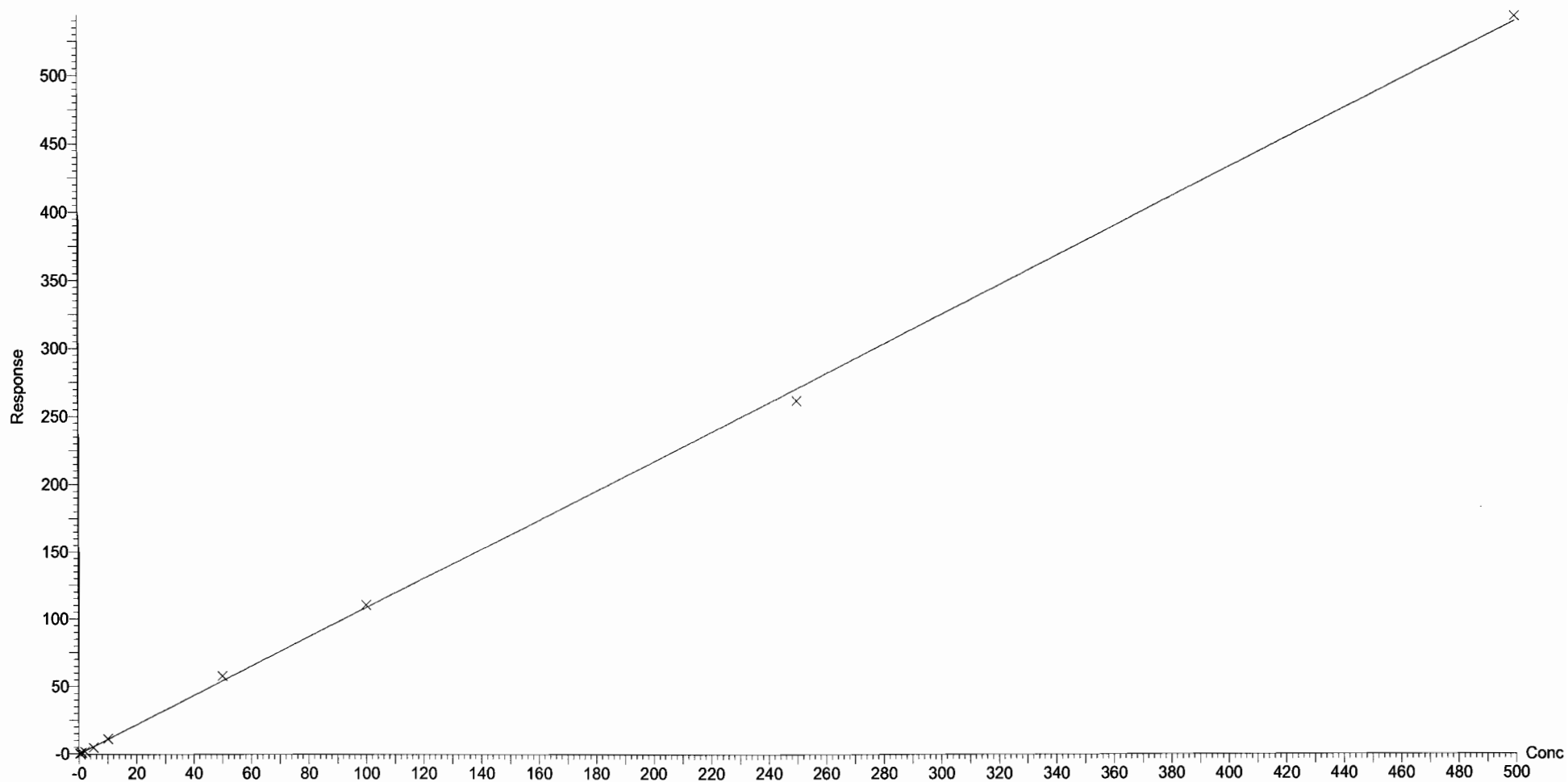
Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.999249$

Calibration curve: $-8.58479e-006 * x^2 + 1.08539 * x + -0.177739$

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\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

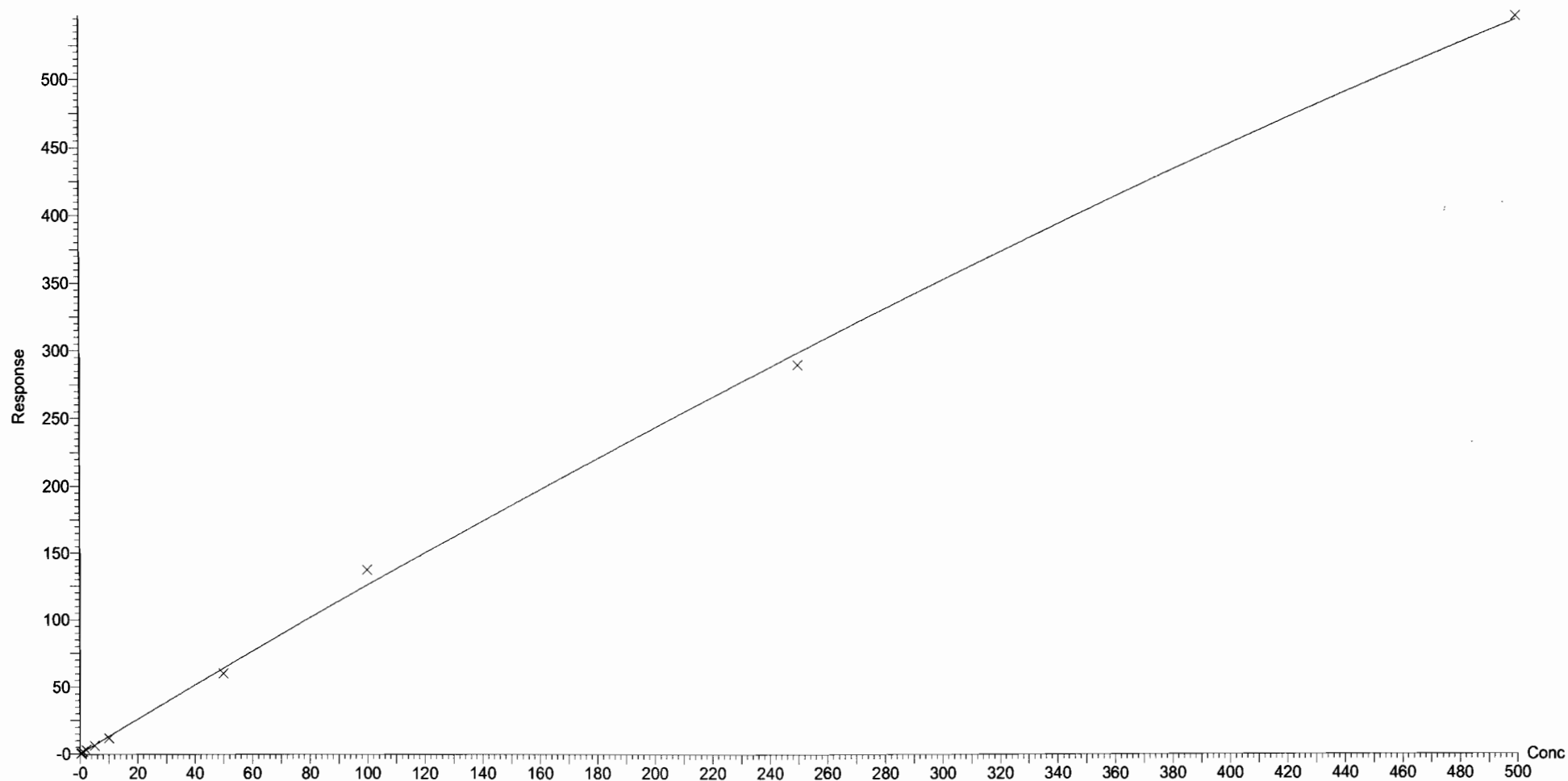
Compound name: PFDA

Coefficient of Determination: $R^2 = 0.998012$

Calibration curve: $-0.000420231 * x^2 + 1.29941 * x + 0.0888209$

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\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

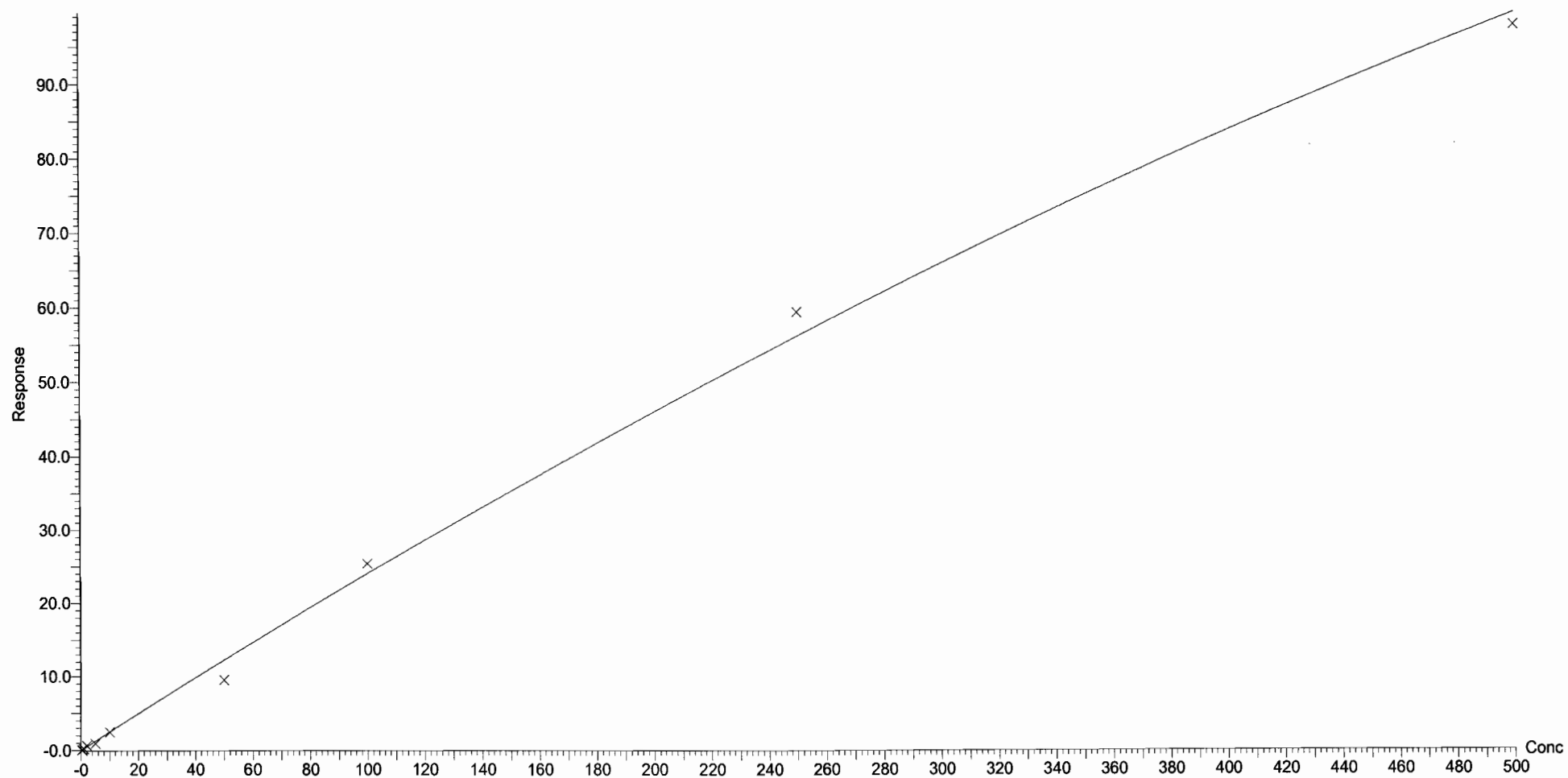
Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.994120$

Calibration curve: $-0.00010241 * x^2 + 0.250291 * x + -0.0155588$

Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

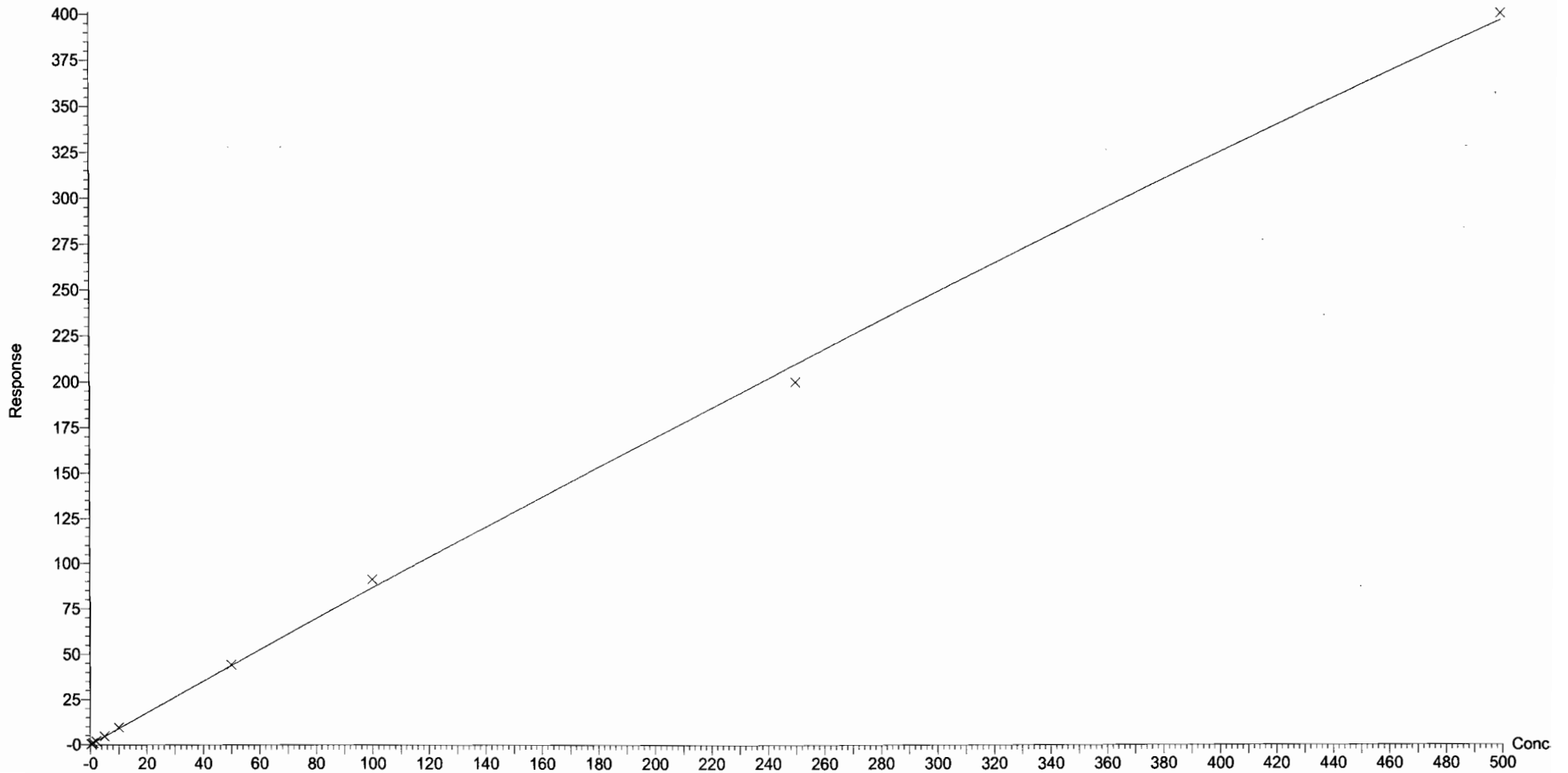


Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

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Compound name: PFNS
Coefficient of Determination: $R^2 = 0.998923$
Calibration curve: $-0.000173469 * x^2 + 0.881199 * x + 0.0764053$
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\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

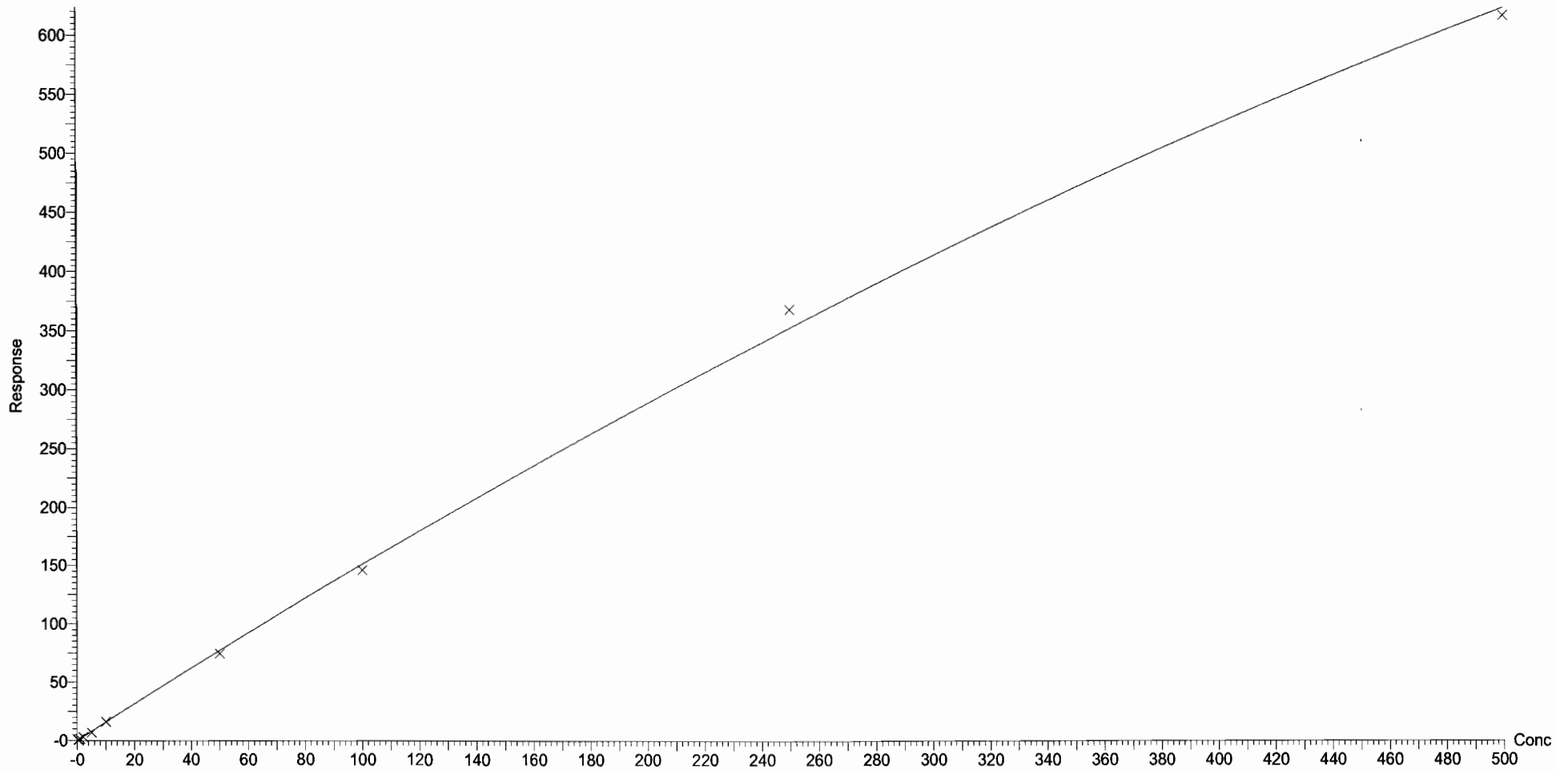
Compound name: N-MeFOSAA

Coefficient of Determination: $R^2 = 0.998886$

Calibration curve: $-0.000656005 * x^2 + 1.57527 * x + -0.0430991$

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\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

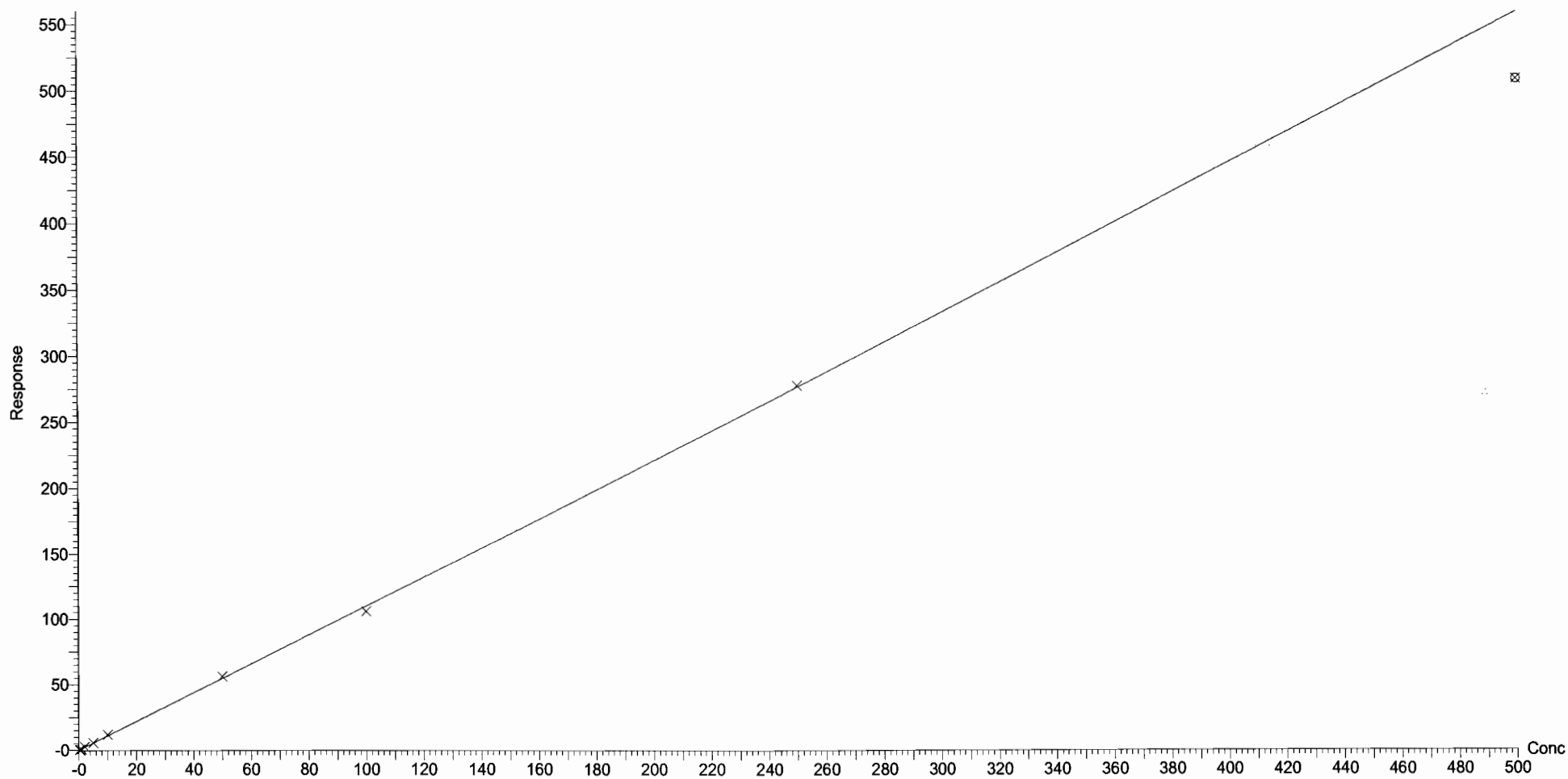
Compound name: N-EtFOSAA

Coefficient of Determination: $R^2 = 0.998912$

Calibration curve: $5.26453e-005 * x^2 + 1.09334 * x + 0.022349$

Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

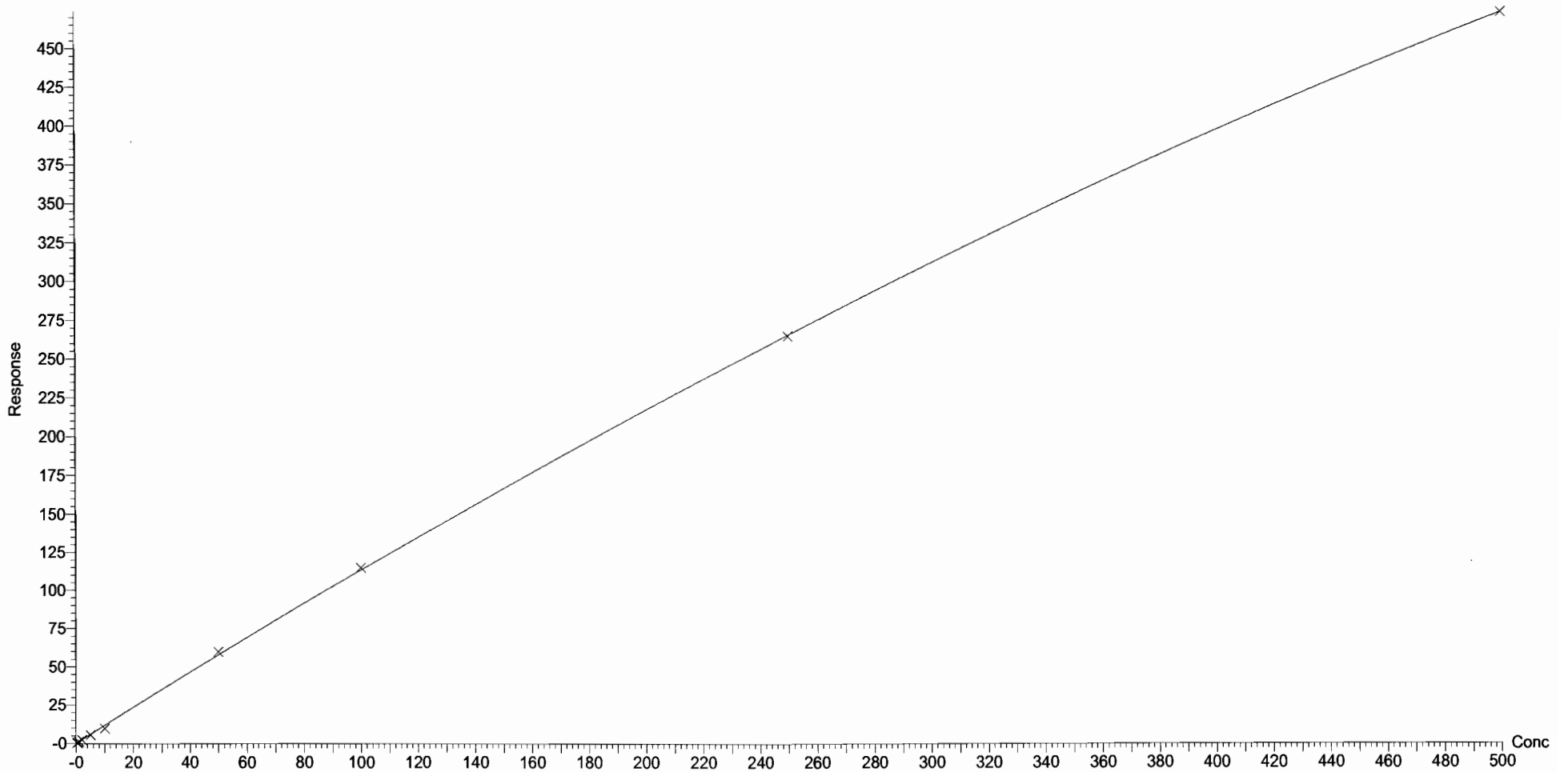
Compound name: PFUdA

Coefficient of Determination: $R^2 = 0.999294$

Calibration curve: $-0.000458526 * x^2 + 1.17709 * x + 0.0278308$

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\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

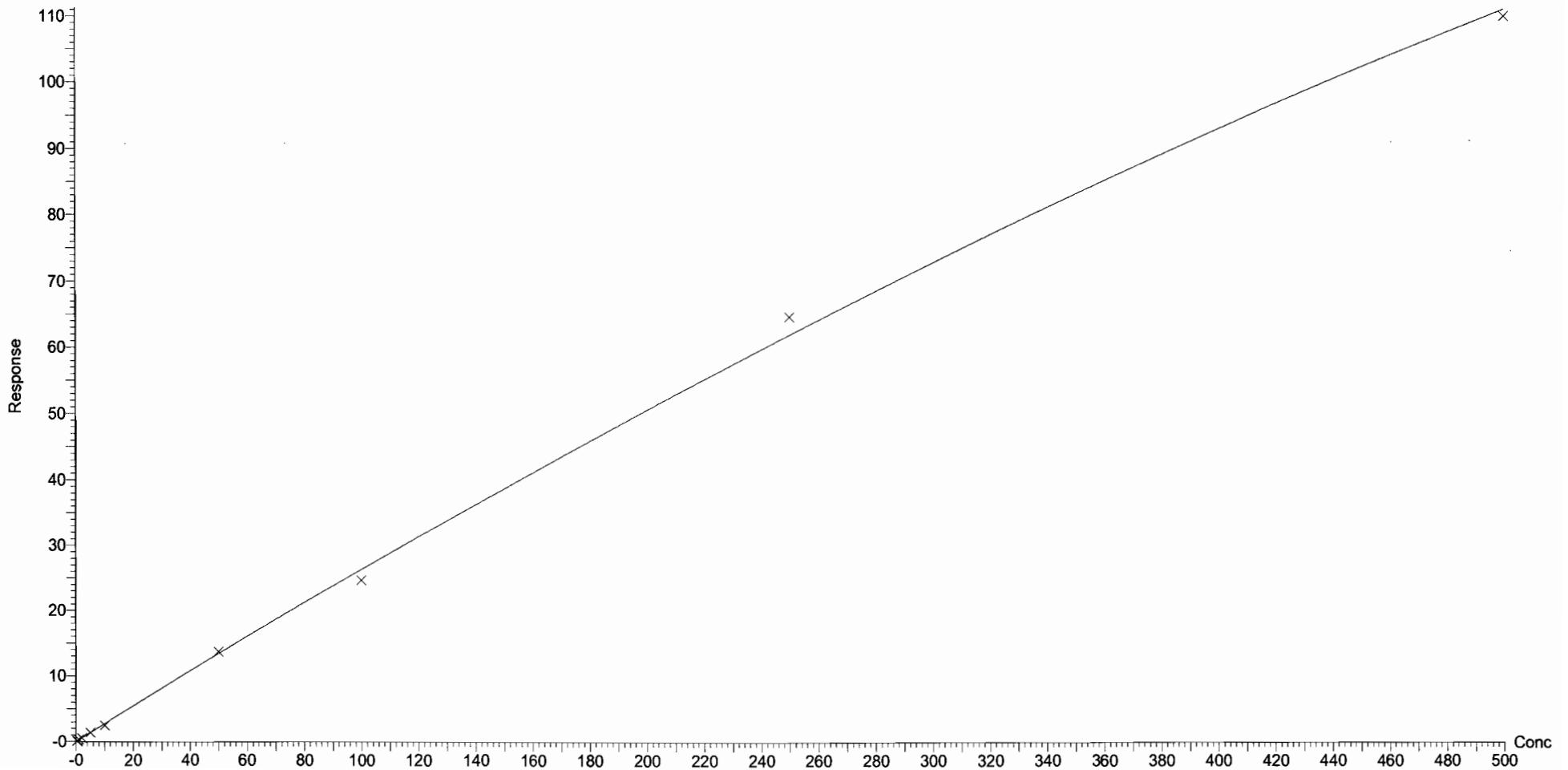
Compound name: PFDS

Coefficient of Determination: $R^2 = 0.998560$

Calibration curve: $-0.000101601 * x^2 + 0.27335 * x + -0.0126321$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

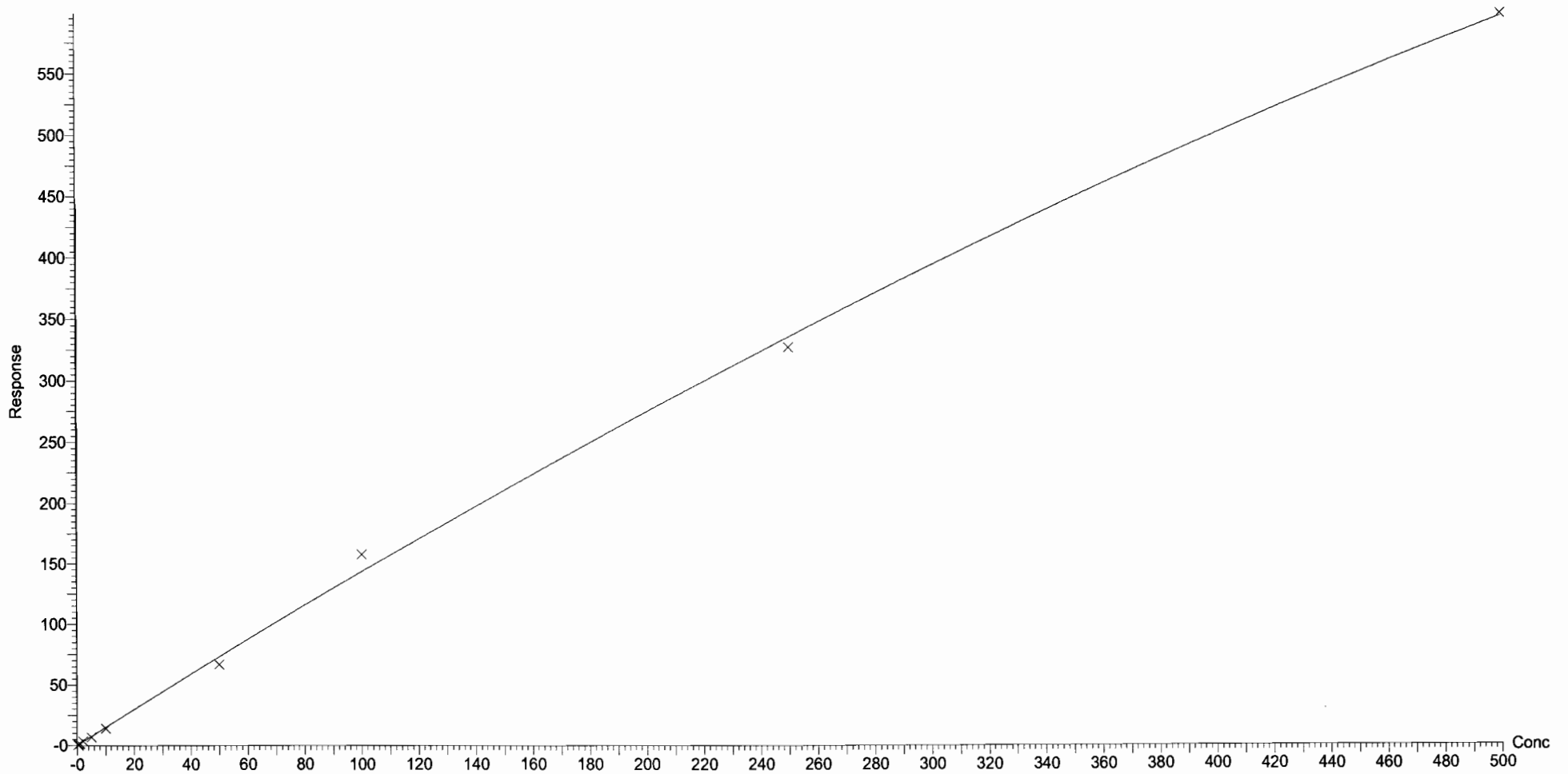


Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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Compound name: PFDaA
Coefficient of Determination: $R^2 = 0.997610$
Calibration curve: $-0.000594455 * x^2 + 1.49079 * x + 0.049628$
Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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Compound name: N-MeFOSA

Correlation coefficient: $r = 0.997510$, $r^2 = 0.995026$

Calibration curve: $0.967768 * x + 0.447867$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

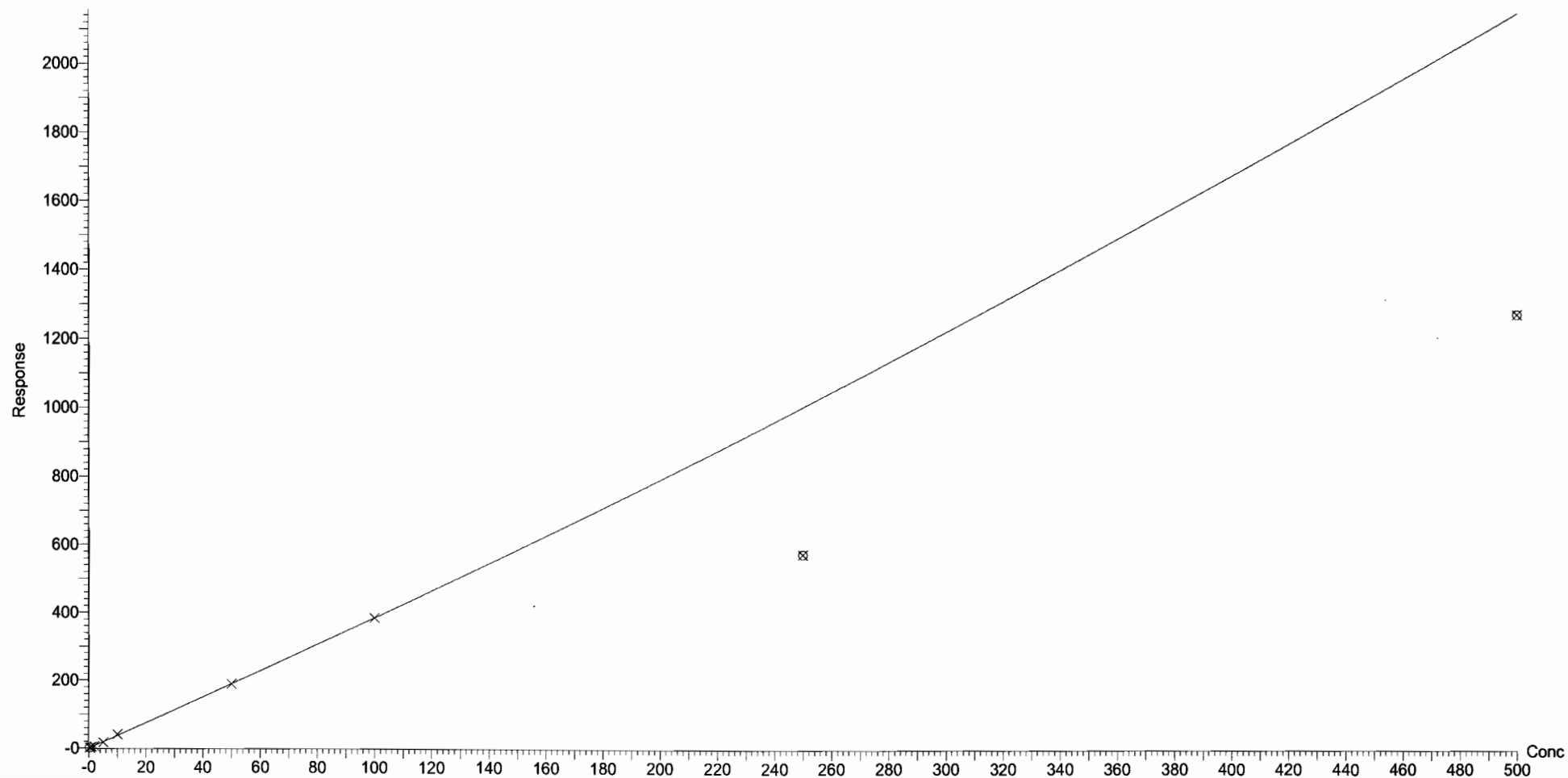


Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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Compound name: PFTrDA
Coefficient of Determination: $R^2 = 0.998380$
Calibration curve: $0.00116218 * x^2 + 3.72741 * x + 0.213622$
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\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:01:31 Pacific Standard Time

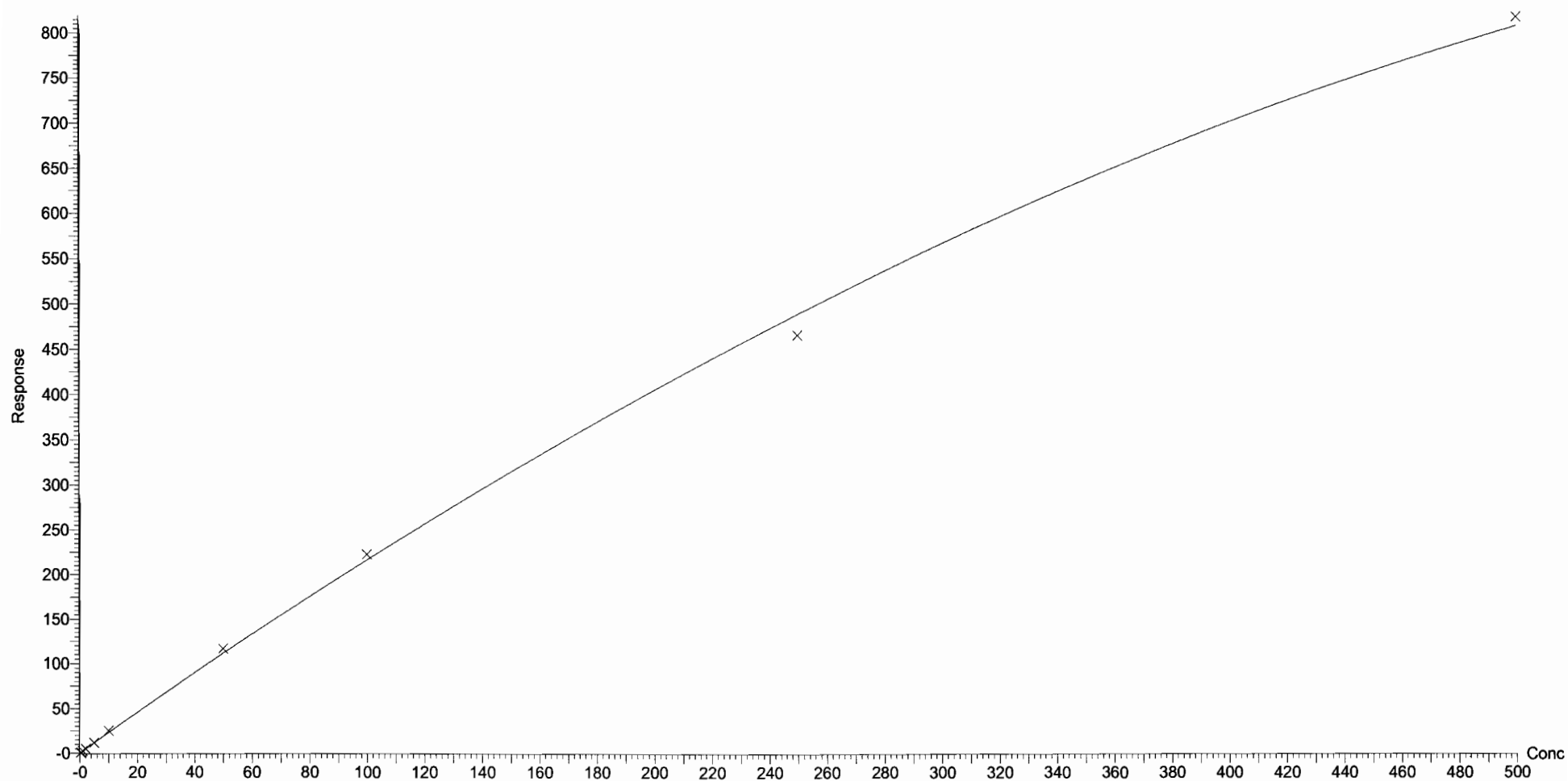
Compound name: PFTeDA

Coefficient of Determination: $R^2 = 0.998712$

Calibration curve: $-0.00135735 * x^2 + 2.29654 * x + 0.279781$

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\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

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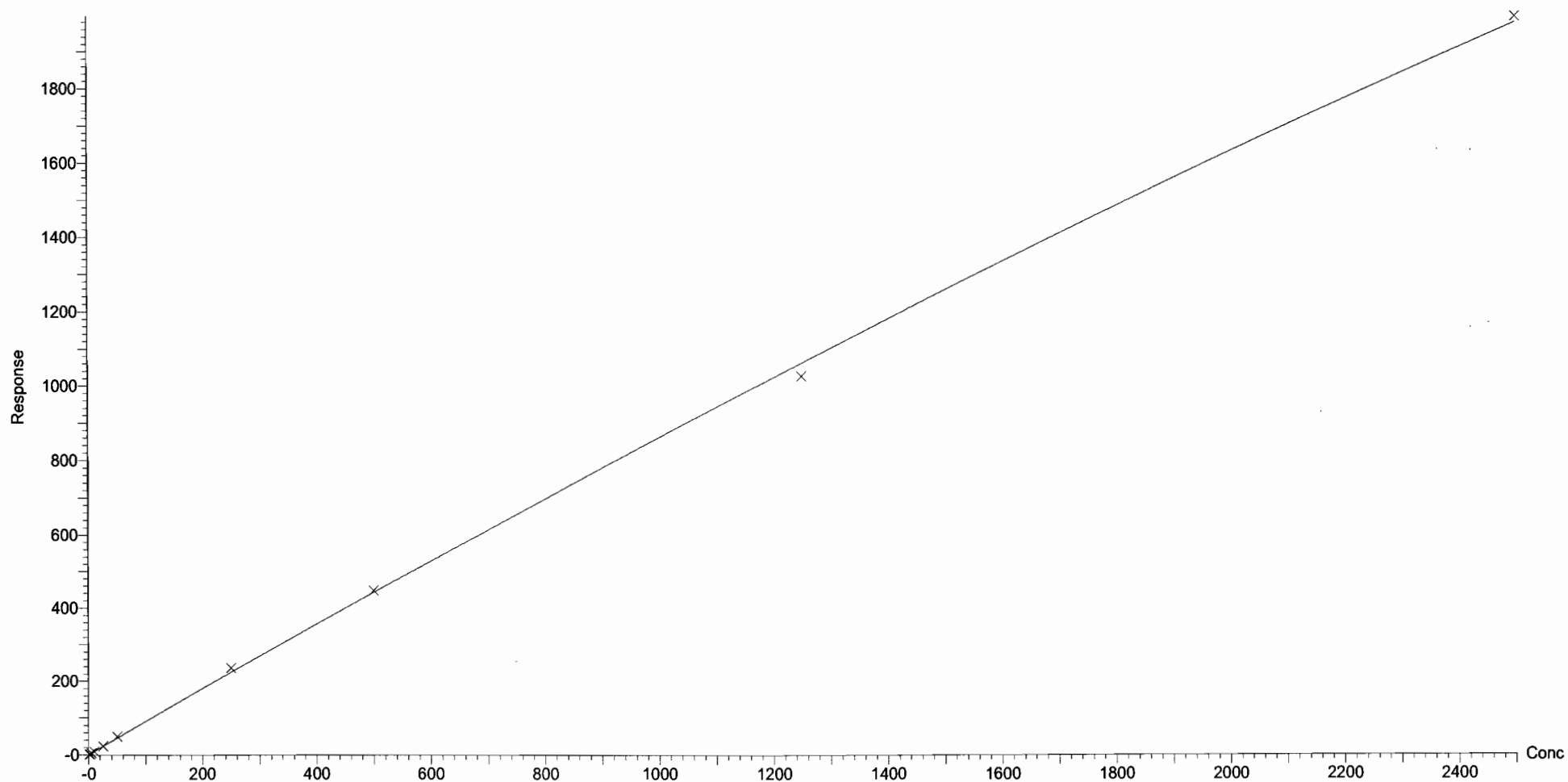
Compound name: N-EtFOSA

Coefficient of Determination: $R^2 = 0.999373$

Calibration curve: $-4.62743e-005 * x^2 + 0.907515 * x + 0.0608264$

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\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

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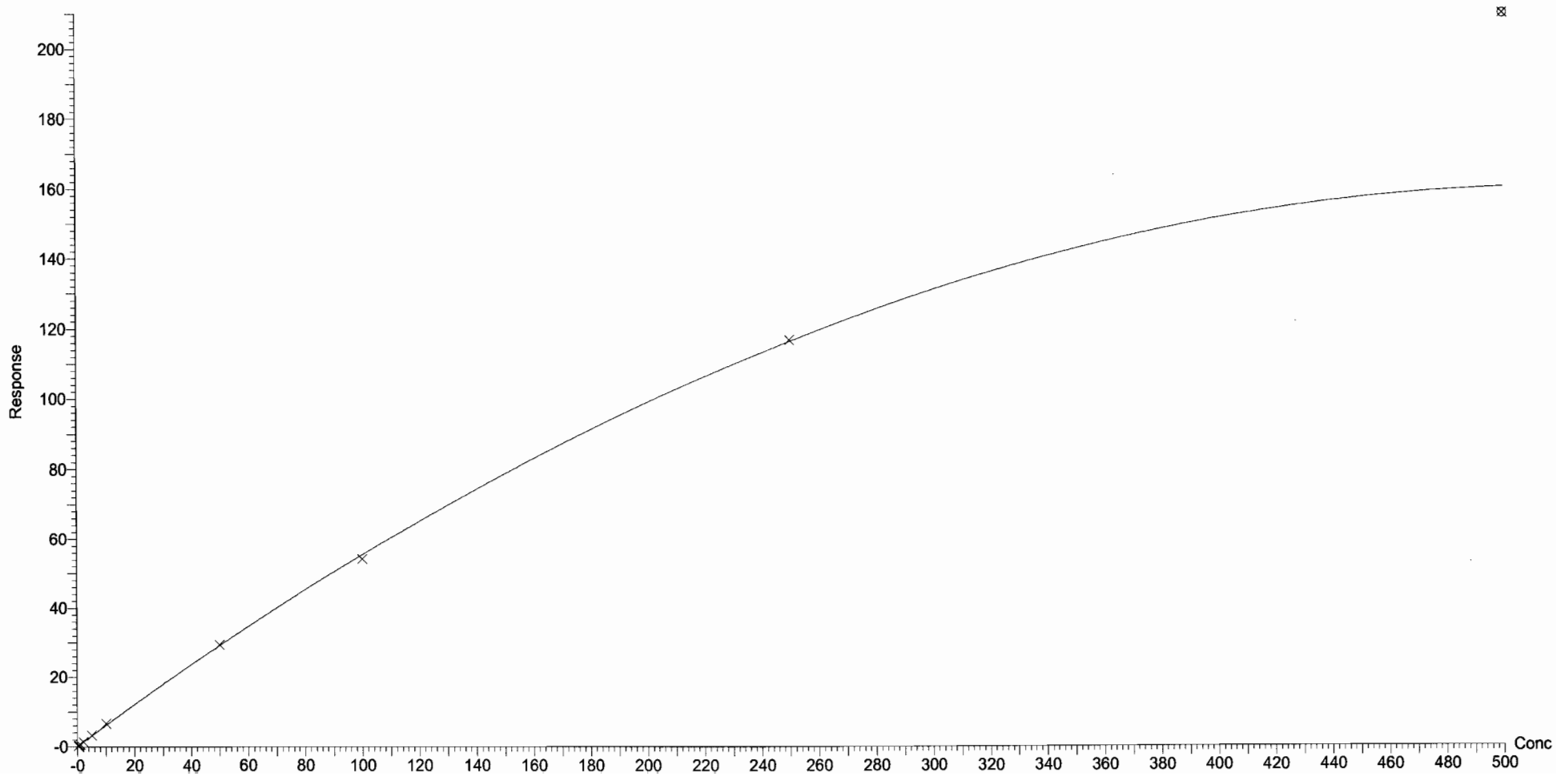
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999557$

Calibration curve: $-0.0005817 * x^2 + 0.611008 * x + 0.0713706$

Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

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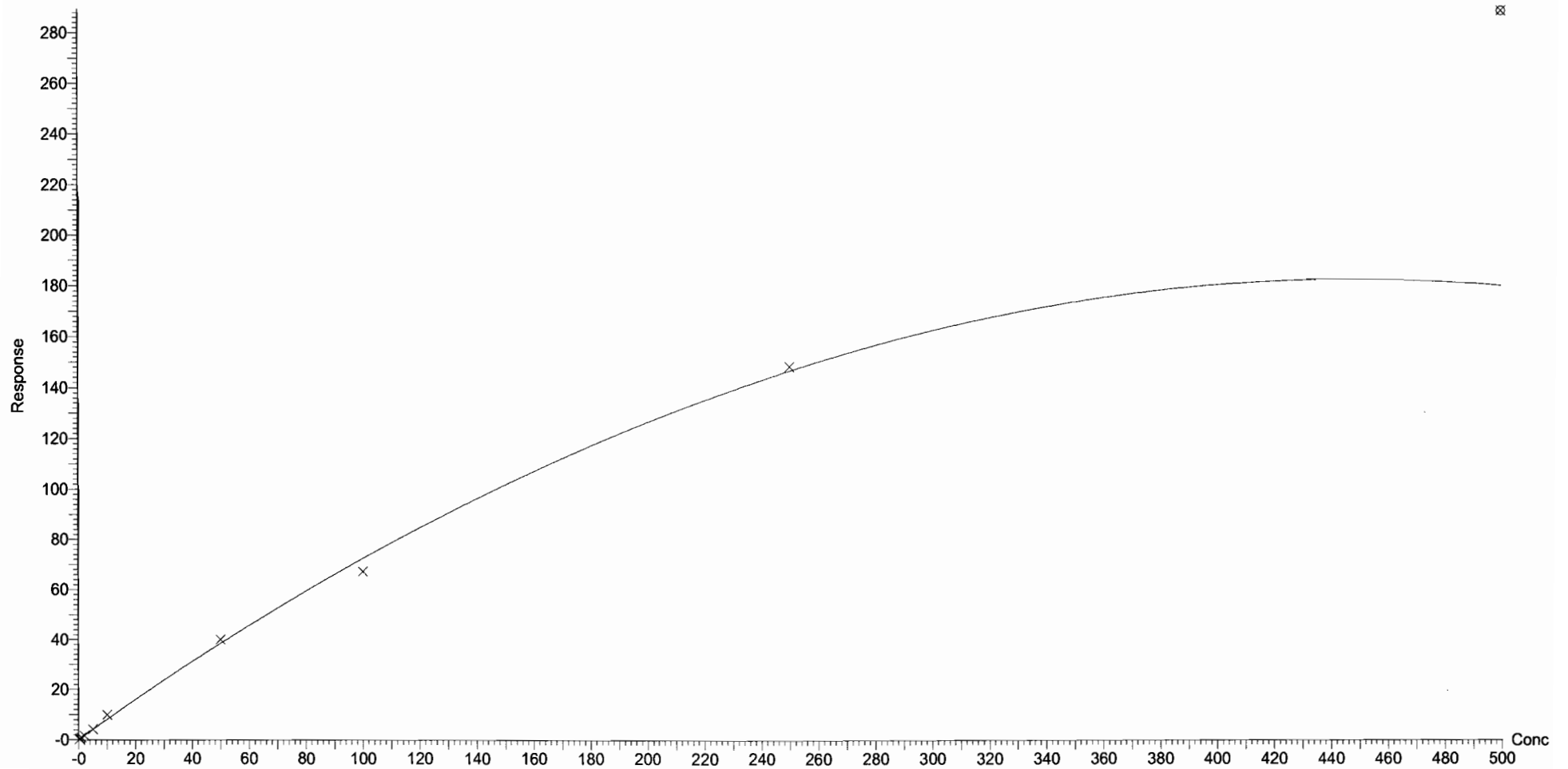
Compound name: PFODA

Coefficient of Determination: $R^2 = 0.996012$

Calibration curve: $-0.000908448 * x^2 + 0.81449 * x + 0.0357617$

Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

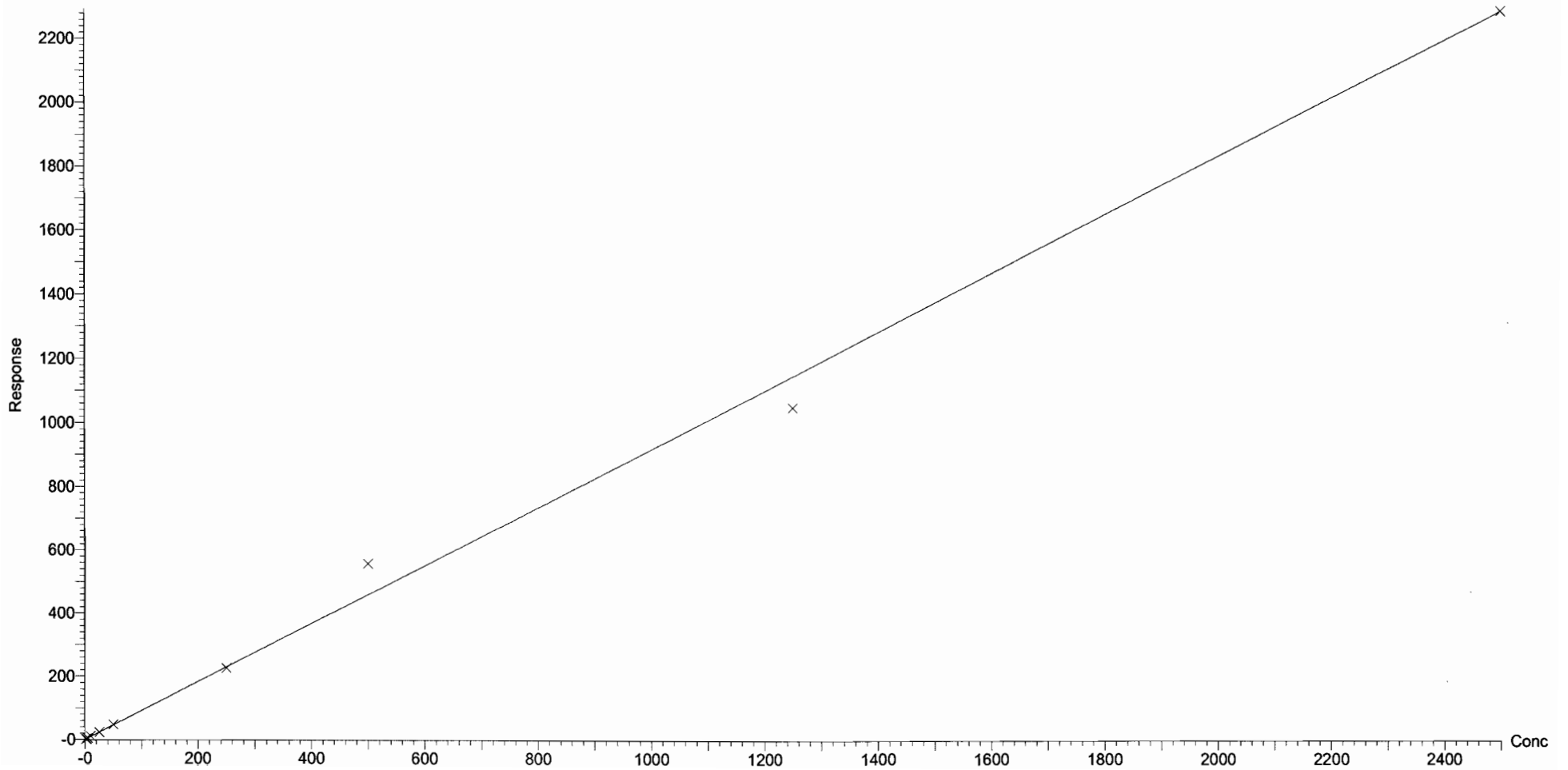


Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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Compound name: N-MeFOSE
Correlation coefficient: $r = 0.996418$, $r^2 = 0.992848$
Calibration curve: $0.916664 * x + 0.283188$
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

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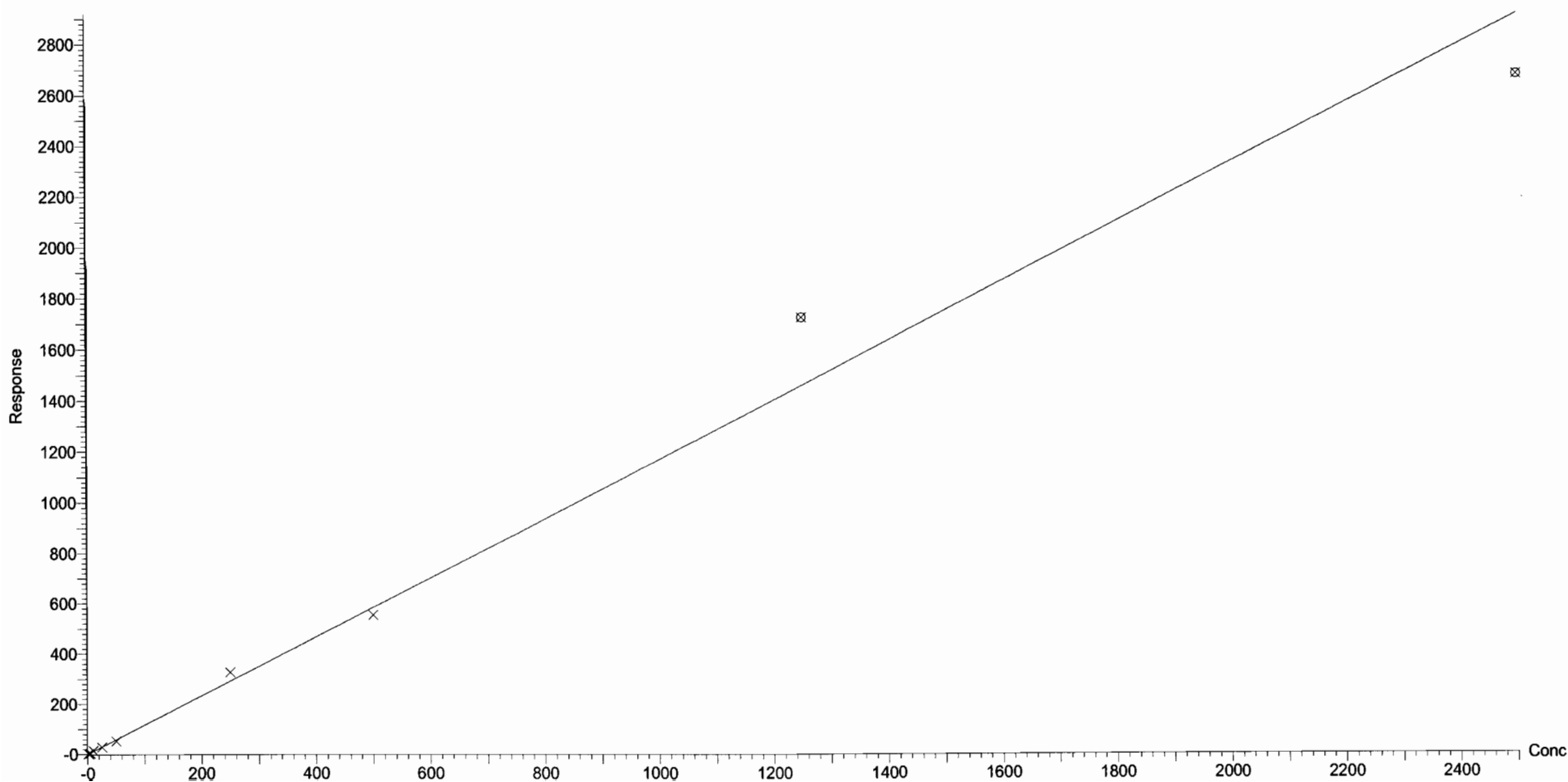
Compound name: N-EtFOSE

Correlation coefficient: $r = 0.996106$, $r^2 = 0.992228$

Calibration curve: $1.16767 * x + 0.0208375$

Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



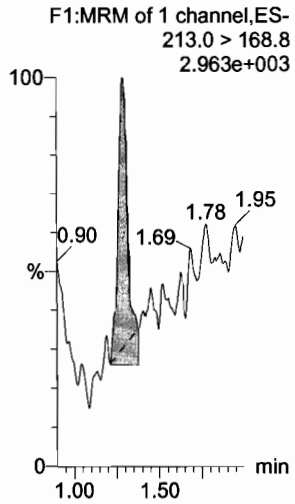
Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

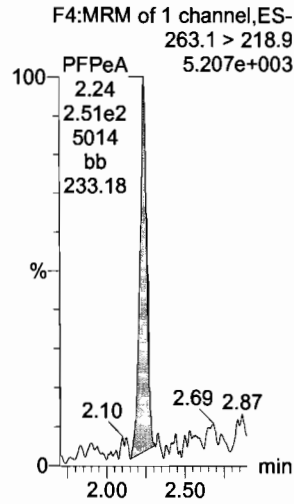
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 31 Jan 2018 08:59:53
Calibration: 31 Jan 2018 09:33:43

Name: 180130M2_2, Date: 30-Jan-2018, Time: 11:44:38, ID: ST180130M2-1 PFC CS-2 18A1904, Description: PFC CS-2 18A1904

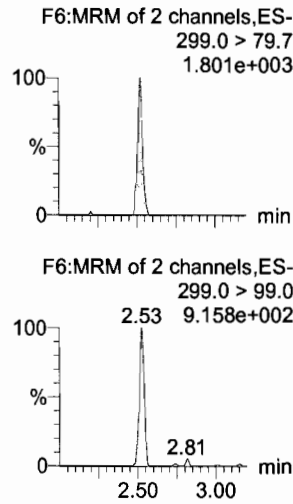
PFBA



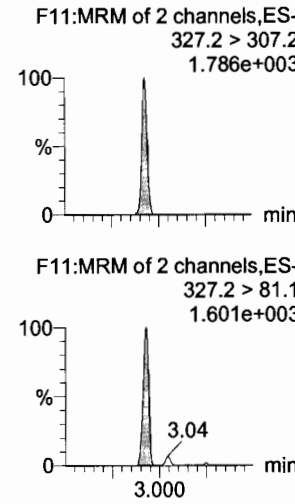
PFPeA



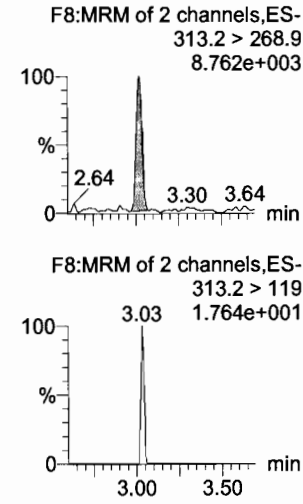
PFBS



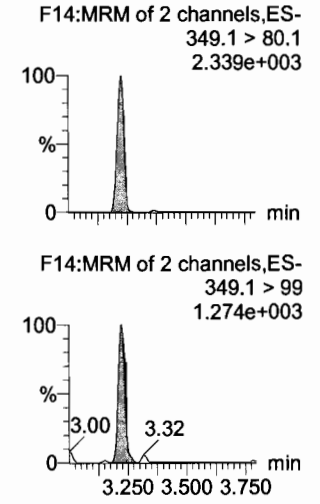
4:2 FTS



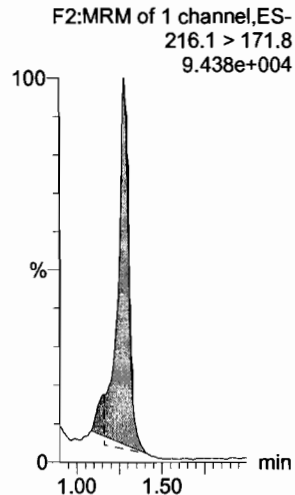
PFHxA



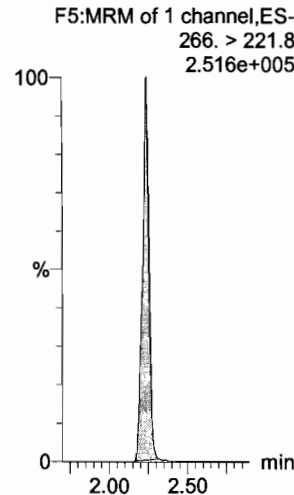
PFPeS



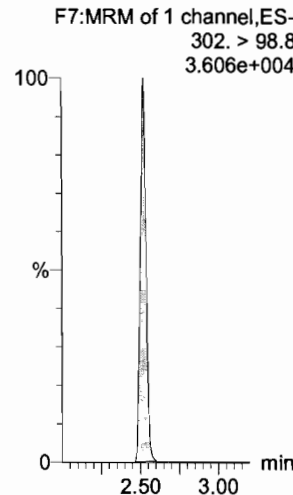
13C3-PFBA



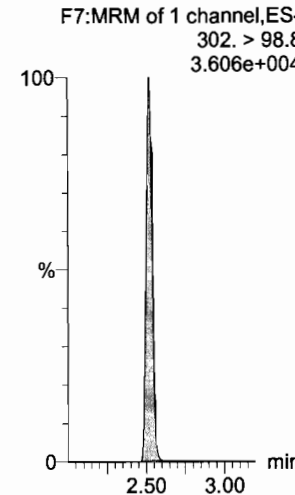
13C3-PFPeA



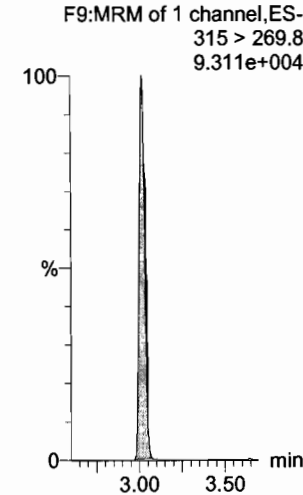
13C3-PFBS



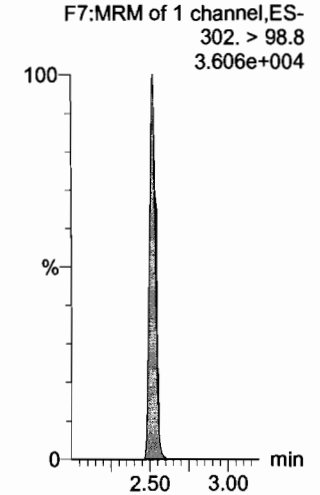
13C3-PFBS



13C2-PFHxA



13C3-PFBS



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

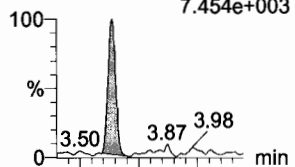
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

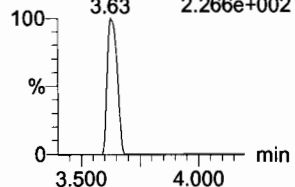
Name: 180130M2_2, Date: 30-Jan-2018, Time: 11:44:38, ID: ST180130M2-1 PFC CS-2 18A1904, Description: PFC CS-2 18A1904

PFHpA

F15:MRM of 2 channels,ES-
363.0 > 318.9
7.454e+003

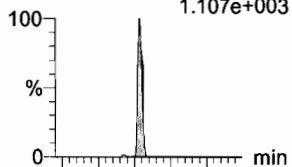


F15:MRM of 2 channels,ES-
363.0 > 169.0
2.266e+002

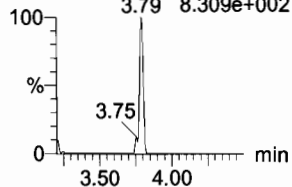


L-PFHxS

F17:MRM of 2 channels,ES-
398.9 > 79.6
1.107e+003

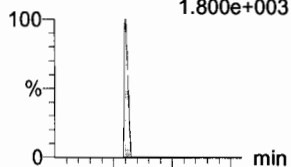


F17:MRM of 2 channels,ES-
398.9 > 99.0
8.309e+002

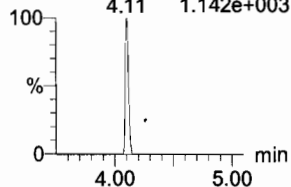


6:2 FTS

F23:MRM of 2 channels,ES-
427.1 > 407
1.800e+003

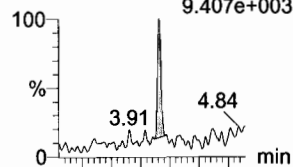


F23:MRM of 2 channels,ES-
427.1 > 80
1.142e+003

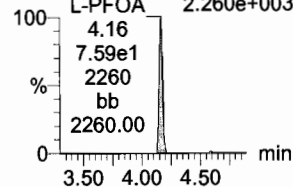


L-PFOA

F20:MRM of 2 channels,ES-
413 > 368.7
9.407e+003

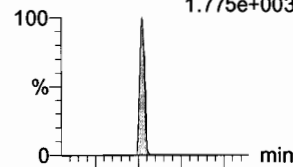


F20:MRM of 2 channels,ES-
413 > 169
2.260e+003

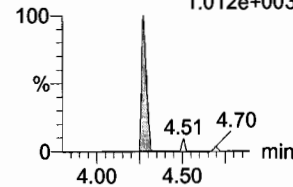


PFHpS

F25:MRM of 2 channels,ES-
449 > 80.0
1.775e+003

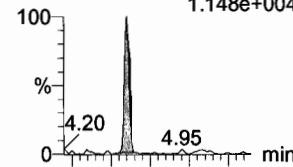


F25:MRM of 2 channels,ES-
449 > 98.7
1.012e+003

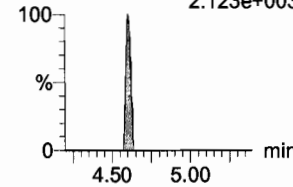


PFNA

F26:MRM of 2 channels,ES-
463.0 > 418.8
1.148e+004

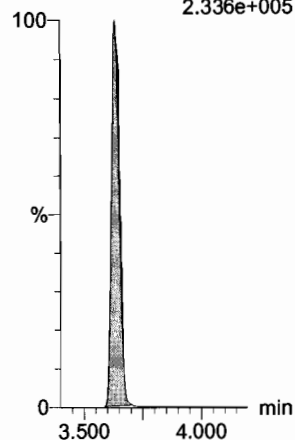


F26:MRM of 2 channels,ES-
463.0 > 219.0
2.123e+003



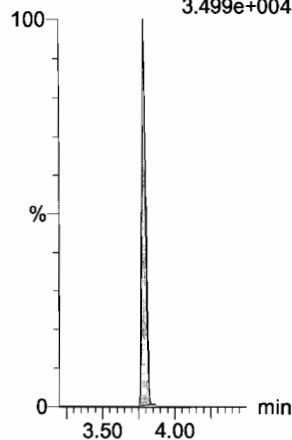
13C4-PFHpA

F16:MRM of 1 channel,ES-
367.2 > 321.8
2.336e+005



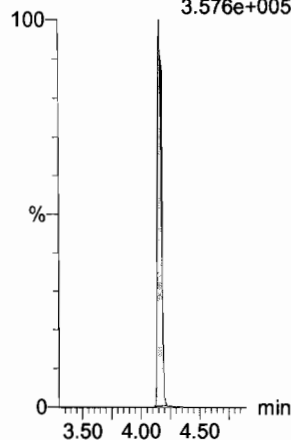
18O2-PFHxS

F19:MRM of 1 channel,ES-
403.0 > 102.6
3.499e+004



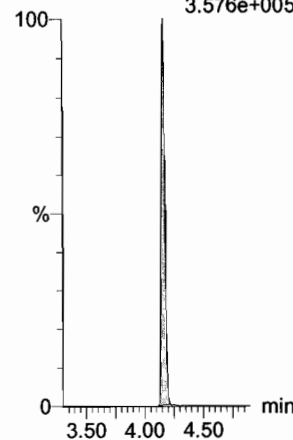
13C2-PFOA

F21:MRM of 1 channel,ES-
414.9 > 369.7
3.576e+005



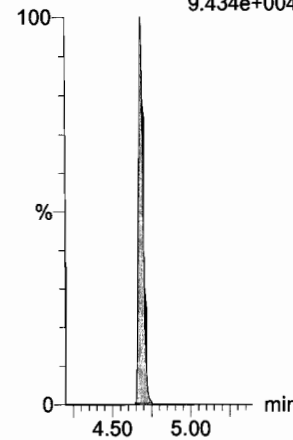
13C2-PFOA

F21:MRM of 1 channel,ES-
414.9 > 369.7
3.576e+005



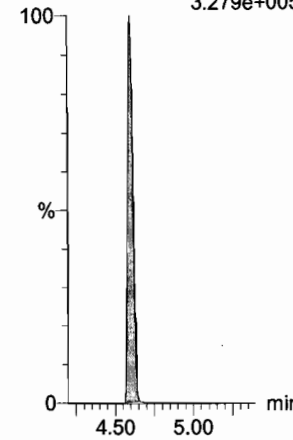
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9
9.434e+004



13C5-PFNA

F27:MRM of 1 channel,ES-
468.2 > 422.9
3.279e+005

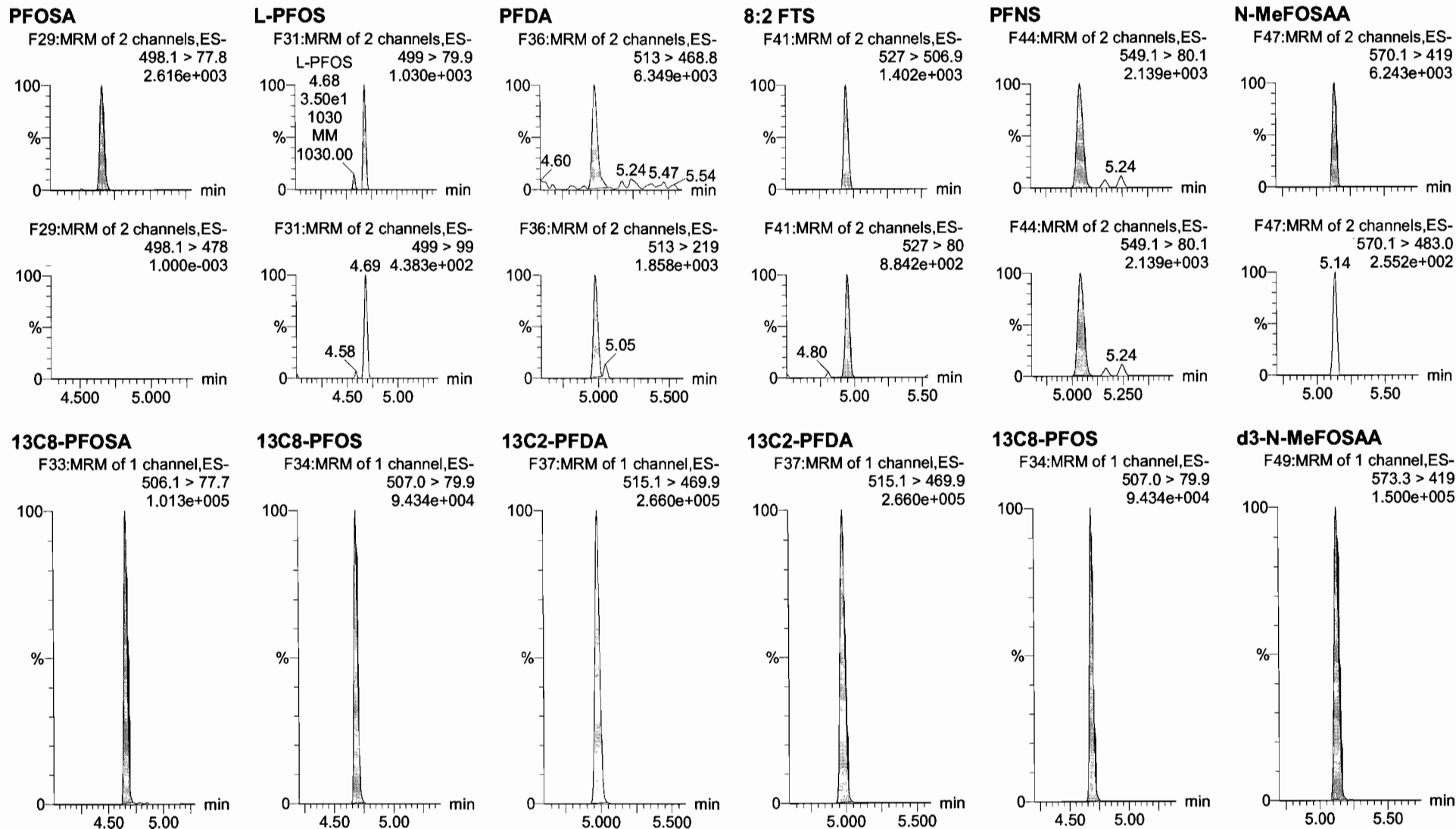


Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_2, Date: 30-Jan-2018, Time: 11:44:38, ID: ST180130M2-1 PFC CS-2 18A1904, Description: PFC CS-2 18A1904



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

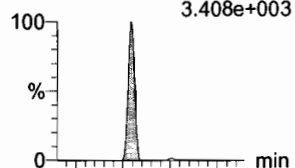
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

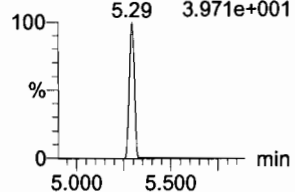
Name: 180130M2_2, Date: 30-Jan-2018, Time: 11:44:38, ID: ST180130M2-1 PFC CS-2 18A1904, Description: PFC CS-2 18A1904

N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
3.408e+003

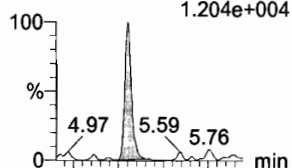


F50:MRM of 2 channels,ES-
584.2 > 483.0
3.971e+001

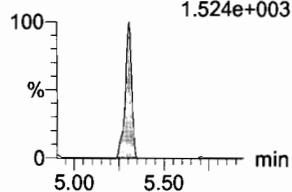


PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
1.204e+004

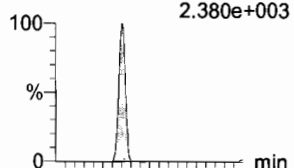


F45:MRM of 2 channels,ES-
563.0 > 269
1.524e+003

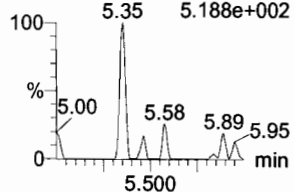


PFDS

F52:MRM of 2 channels,ES-
598.8 > 80
2.380e+003

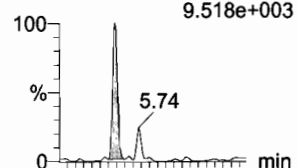


F52:MRM of 2 channels,ES-
598.8 > 98.7
5.188e+002

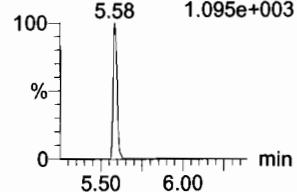


PFDaA

F53:MRM of 4 channels,ES-
612.9 > 569.0
9.518e+003

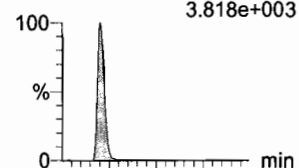


F53:MRM of 4 channels,ES-
612.9 > 318.8
1.095e+003

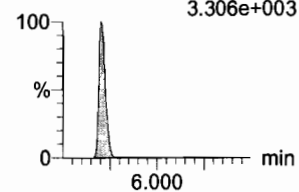


N-MeFOSA

F35:MRM of 2 channels,ES-
512.1 > 168.9
3.818e+003

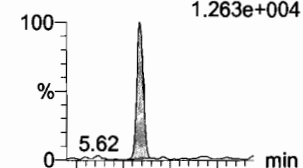


F35:MRM of 2 channels,ES-
512.1 > 219
3.306e+003

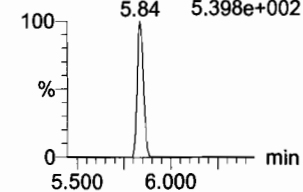


PFTrDA

F59:MRM of 2 channels,ES-
662.9 > 618.9
1.263e+004

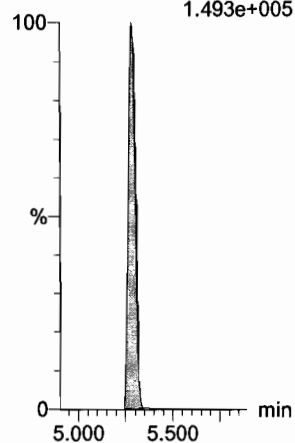


F59:MRM of 2 channels,ES-
662.9 > 319
5.398e+002



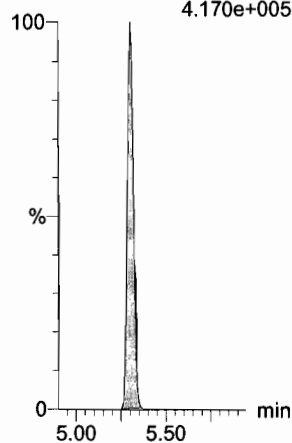
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
1.493e+005



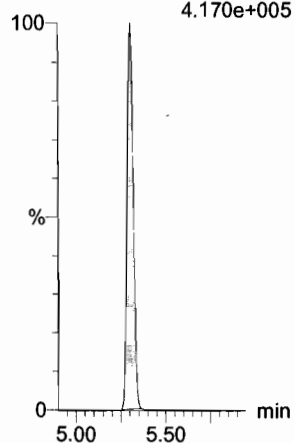
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
4.170e+005



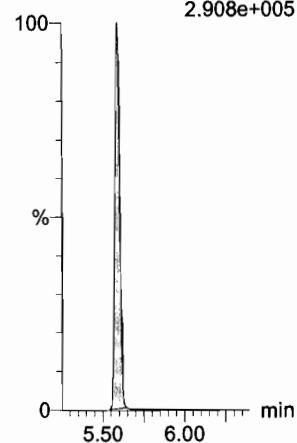
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
4.170e+005



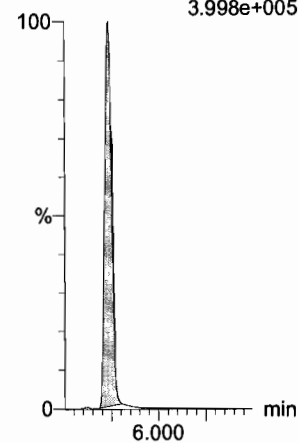
13C2-PFDaA

F54:MRM of 2 channels,ES-
615.0 > 569.7
2.908e+005



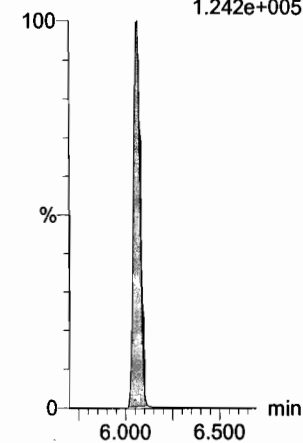
d3-N-MeFOSA

F38:MRM of 1 channel,ES-
515.2 > 168.9
3.998e+005



13C2-PFTeDA

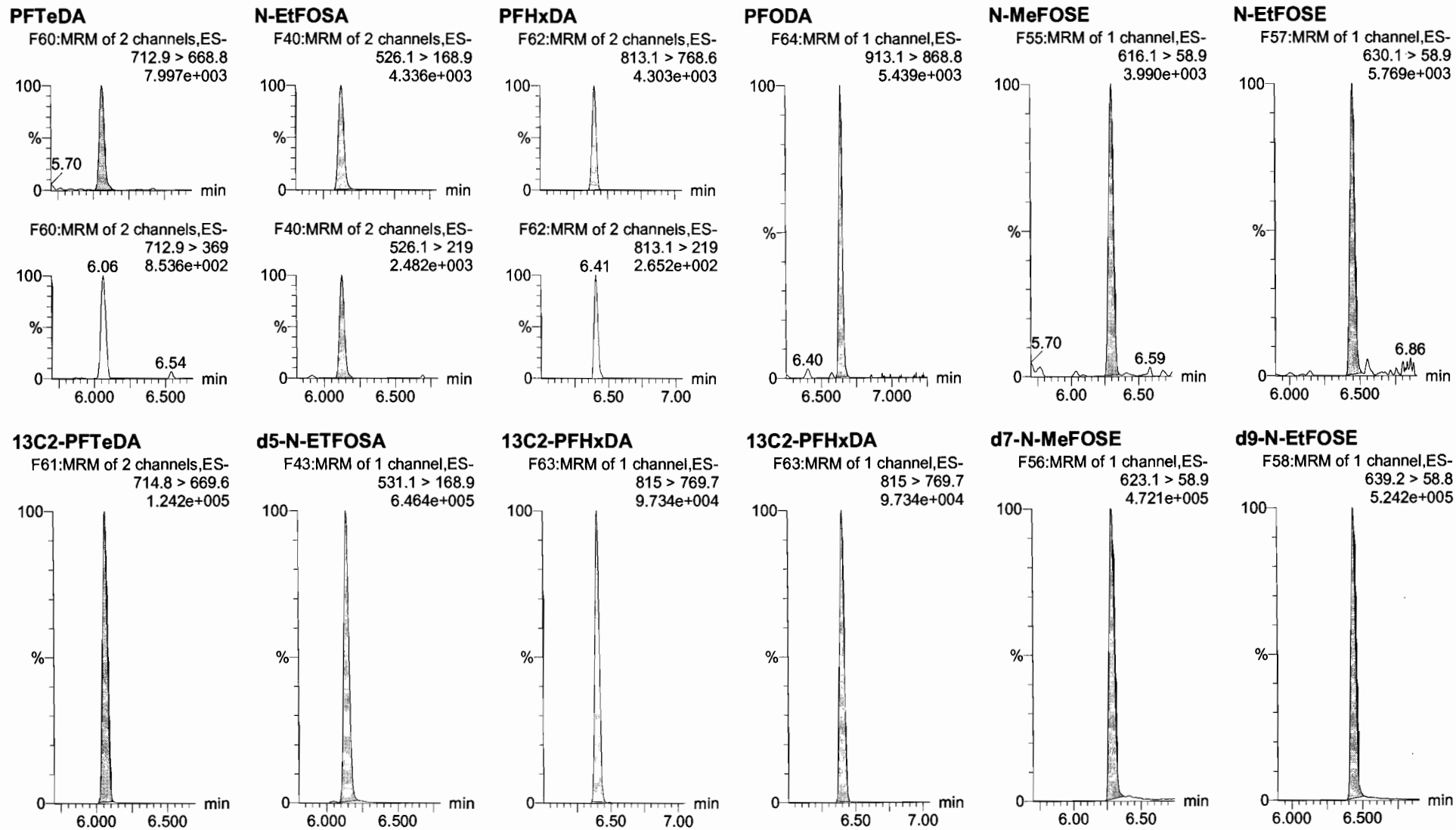
F61:MRM of 2 channels,ES-
714.8 > 669.6
1.242e+005



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_2, Date: 30-Jan-2018, Time: 11:44:38, ID: ST180130M2-1 PFC CS-2 18A1904, Description: PFC CS-2 18A1904

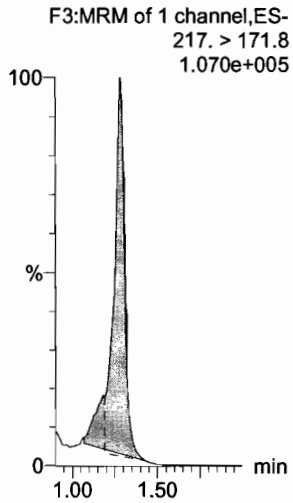


Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

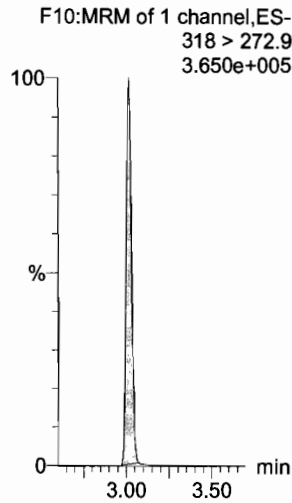
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_2, Date: 30-Jan-2018, Time: 11:44:38, ID: ST180130M2-1 PFC CS-2 18A1904, Description: PFC CS-2 18A1904

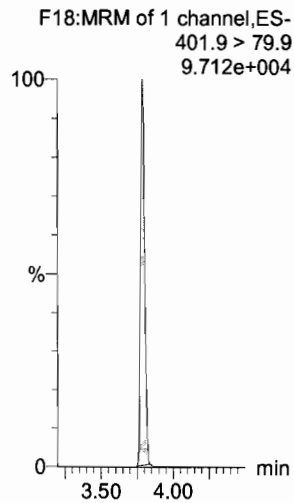
13C4-PFBA



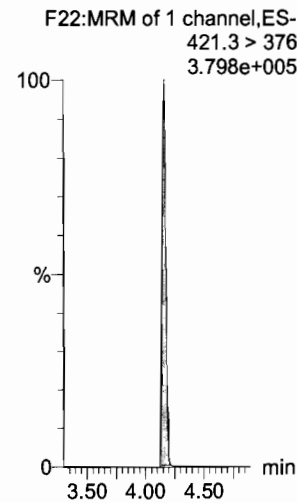
13C5-PFHxA



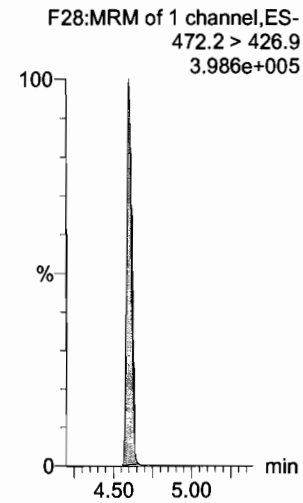
13C3-PFHxS



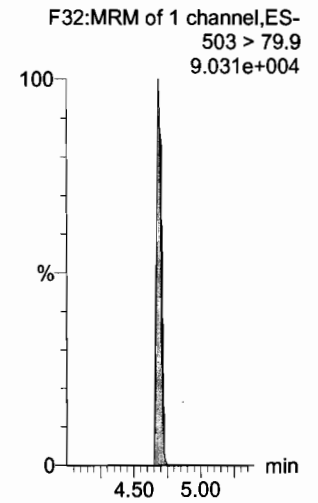
13C8-PFOA



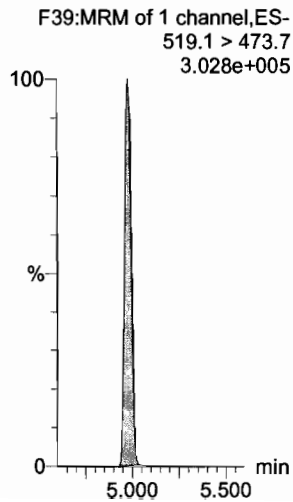
13C9-PFNA



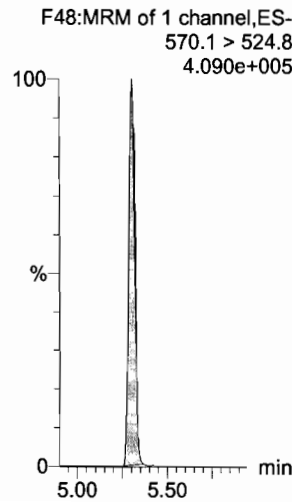
13C4-PFOS



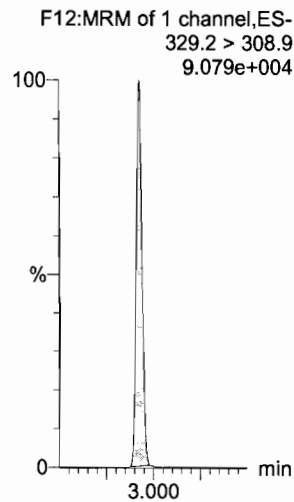
13C6-PFDA



13C7-PFUDa



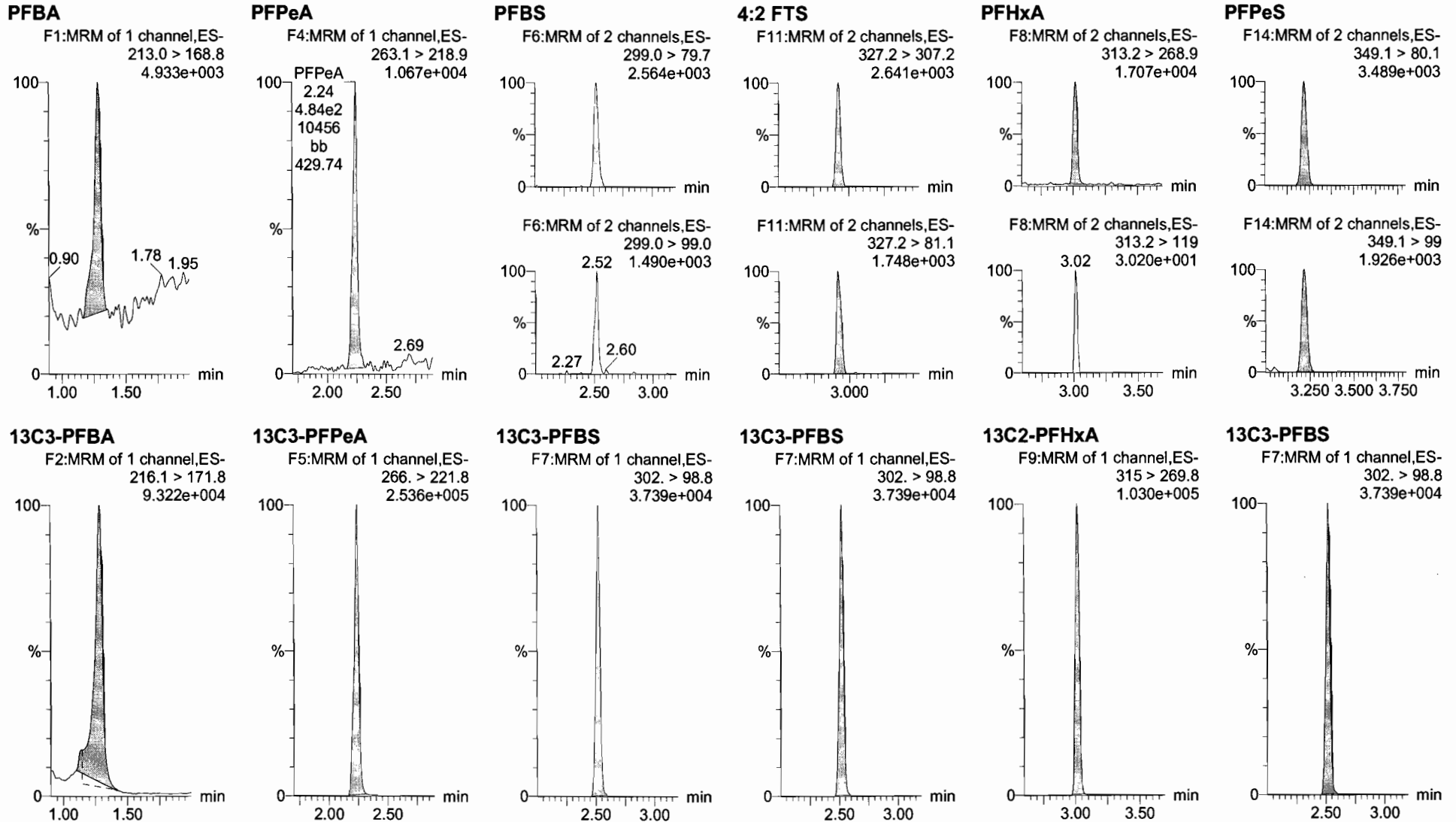
13C2-4:2 FTS



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

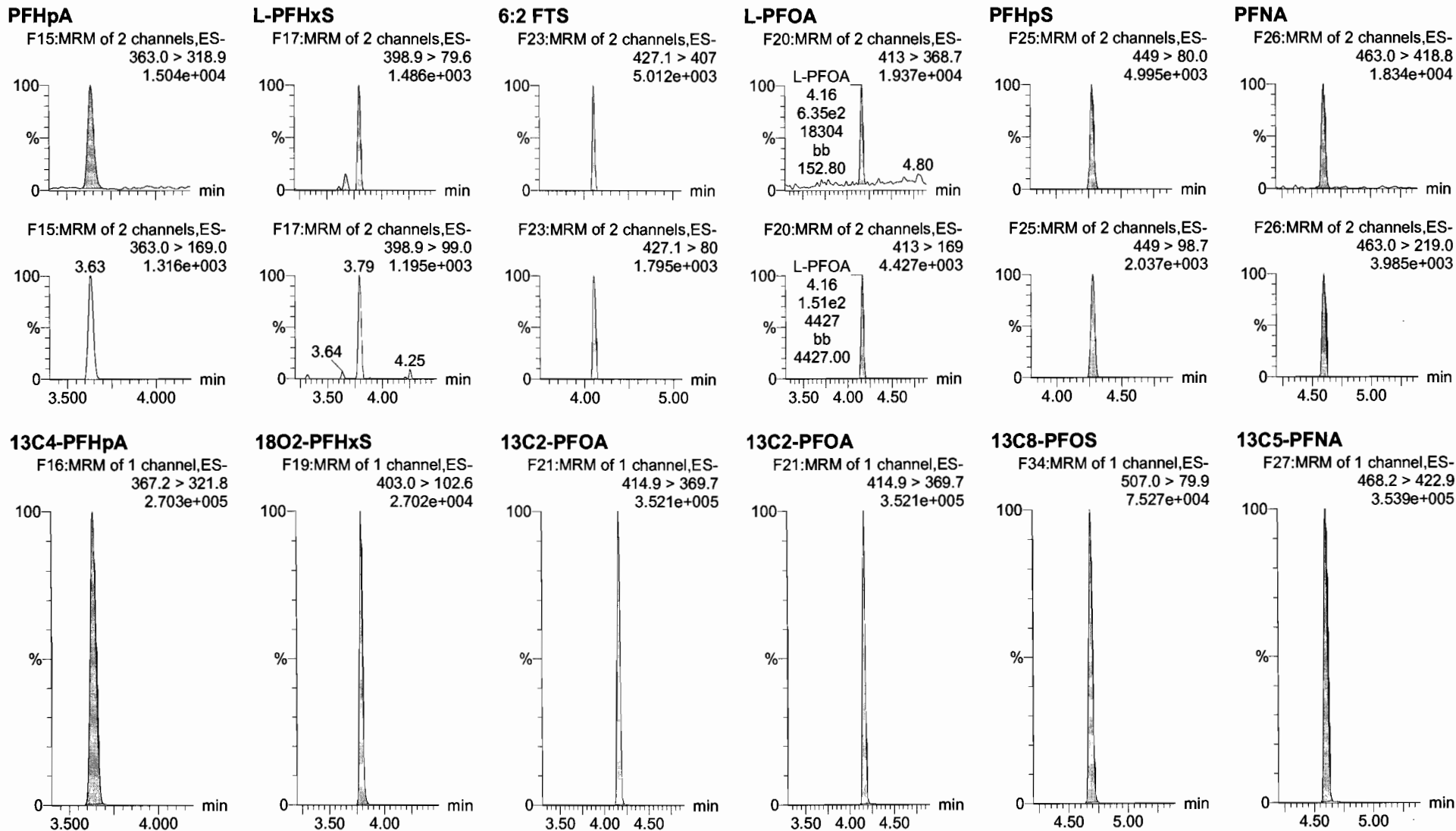
Name: 180130M2_3, Date: 30-Jan-2018, Time: 11:56:07, ID: ST180130M2-2 PFC CS-1 18A1905, Description: PFC CS-1 18A1905



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_3, Date: 30-Jan-2018, Time: 11:56:07, ID: ST180130M2-2 PFC CS-1 18A1905, Description: PFC CS-1 18A1905



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

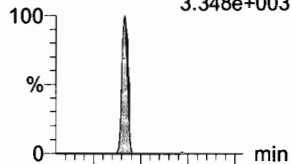
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

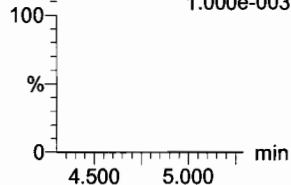
Name: 180130M2_3, Date: 30-Jan-2018, Time: 11:56:07, ID: ST180130M2-2 PFC CS-1 18A1905, Description: PFC CS-1 18A1905

PFOSA

F29:MRM of 2 channels,ES-
498.1 > 77.8
3.348e+003

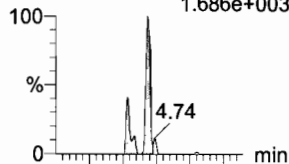


F29:MRM of 2 channels,ES-
498.1 > 478
1.000e-003

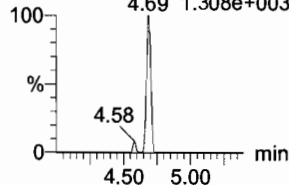


L-PFOS

F31:MRM of 2 channels,ES-
499 > 79.9
1.686e+003

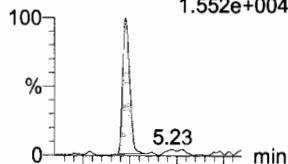


F31:MRM of 2 channels,ES-
499 > 99
1.308e+003

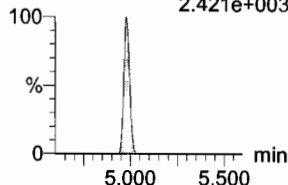


PFDA

F36:MRM of 2 channels,ES-
513 > 468.8
1.552e+004

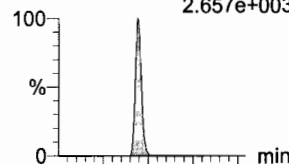


F36:MRM of 2 channels,ES-
513 > 219
2.421e+003

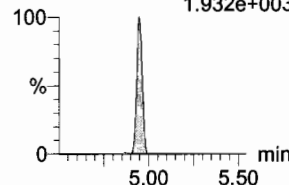


8:2 FTS

F41:MRM of 2 channels,ES-
527 > 506.9
2.657e+003

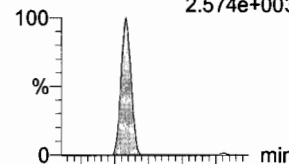


F41:MRM of 2 channels,ES-
527 > 80
1.932e+003

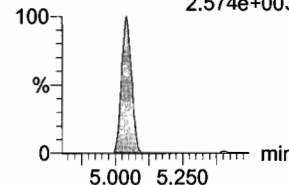


PFNS

F44:MRM of 2 channels,ES-
549.1 > 80.1
2.574e+003

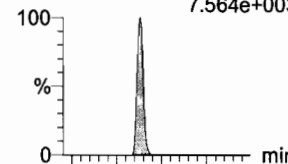


F44:MRM of 2 channels,ES-
549.1 > 80.1
2.574e+003

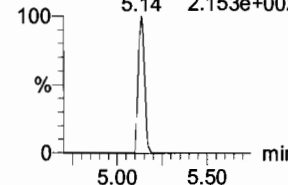


N-MeFOSAA

F47:MRM of 2 channels,ES-
570.1 > 419
7.564e+003

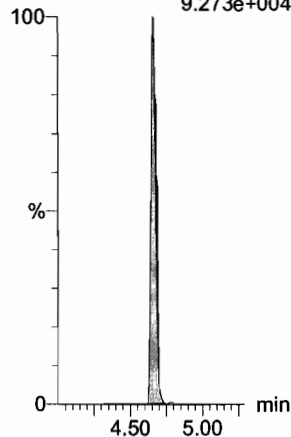


F47:MRM of 2 channels,ES-
570.1 > 483.0
2.153e+002



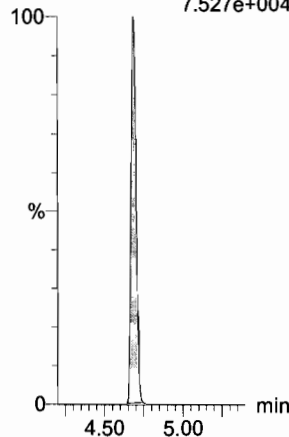
13C8-PFOA

F33:MRM of 1 channel,ES-
506.1 > 77.7
9.273e+004



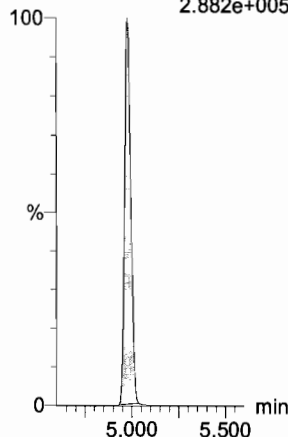
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9
7.527e+004



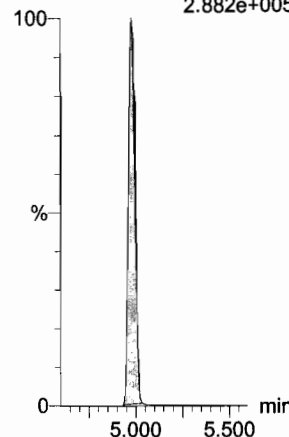
13C2-PFDA

F37:MRM of 1 channel,ES-
515.1 > 469.9
2.882e+005



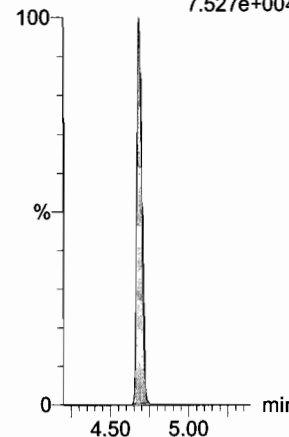
13C2-PFDA

F37:MRM of 1 channel,ES-
515.1 > 469.9
2.882e+005



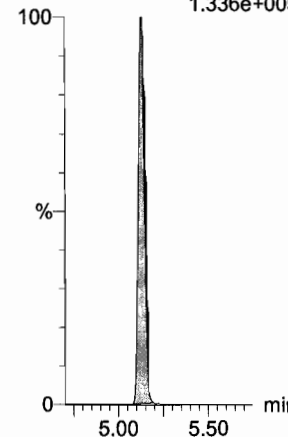
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9
7.527e+004



d3-N-MeFOSAA

F49:MRM of 1 channel,ES-
573.3 > 419
1.336e+005



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

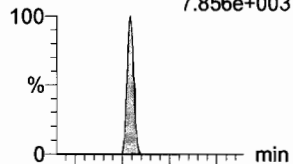
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

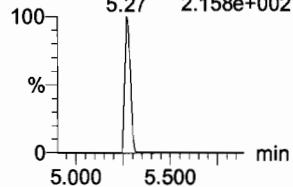
Name: 180130M2_3, Date: 30-Jan-2018, Time: 11:56:07, ID: ST180130M2-2 PFC CS-1 18A1905, Description: PFC CS-1 18A1905

N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
7.856e+003

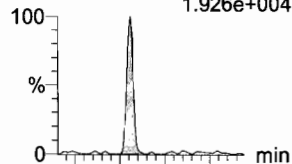


F50:MRM of 2 channels,ES-
584.2 > 483.0
2.158e+002

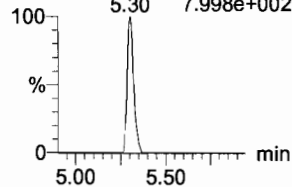


PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
1.926e+004

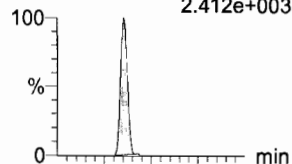


F45:MRM of 2 channels,ES-
563.0 > 269
7.998e+002

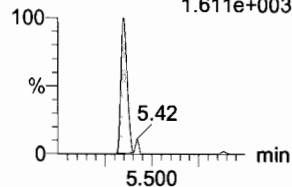


PFDS

F52:MRM of 2 channels,ES-
598.8 > 80
2.412e+003

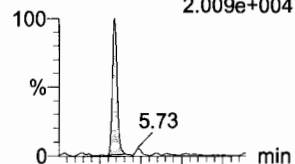


F52:MRM of 2 channels,ES-
598.8 > 98.7
1.611e+003

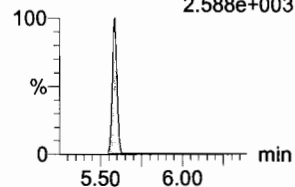


PFDaA

F53:MRM of 4 channels,ES-
612.9 > 569.0
2.009e+004

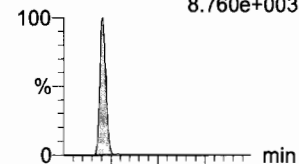


F53:MRM of 4 channels,ES-
612.9 > 318.8
2.588e+003

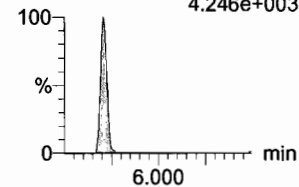


N-MeFOSA

F35:MRM of 2 channels,ES-
512.1 > 168.9
8.760e+003

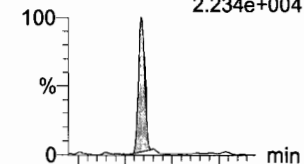


F35:MRM of 2 channels,ES-
512.1 > 219
4.246e+003

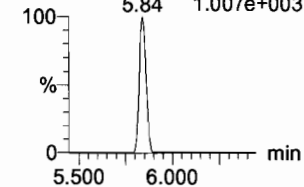


PFTrDA

F59:MRM of 2 channels,ES-
662.9 > 618.9
2.234e+004

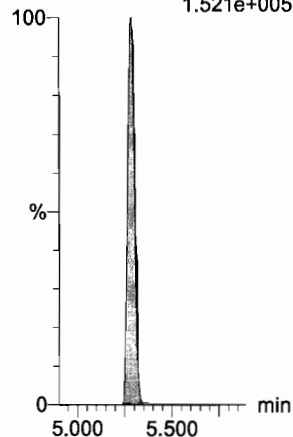


F59:MRM of 2 channels,ES-
662.9 > 319
1.007e+003



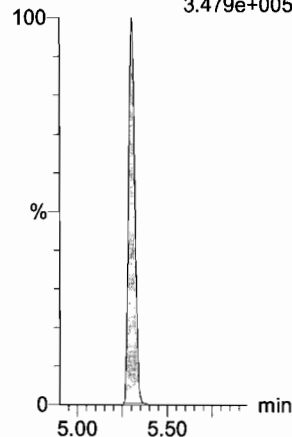
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
1.521e+005



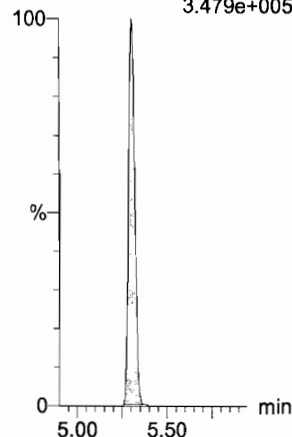
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.479e+005



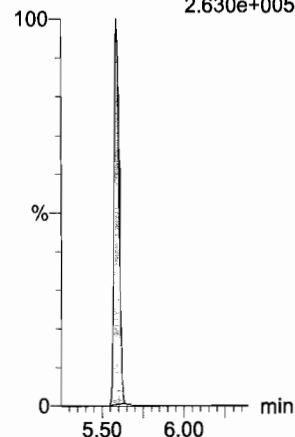
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.479e+005



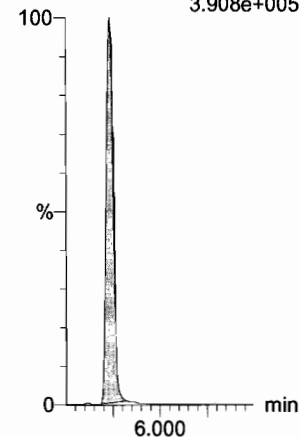
13C2-PFDaA

F54:MRM of 2 channels,ES-
615.0 > 569.7
2.630e+005



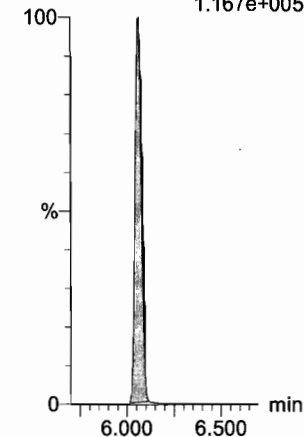
d3-N-MeFOSA

F38:MRM of 1 channel,ES-
515.2 > 168.9
3.908e+005



13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6
1.167e+005



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

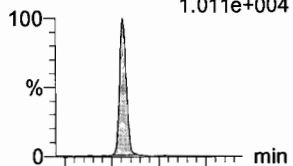
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

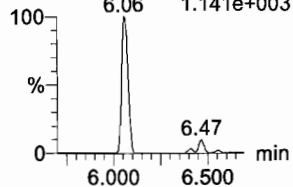
Name: 180130M2_3, Date: 30-Jan-2018, Time: 11:56:07, ID: ST180130M2-2 PFC CS-1 18A1905, Description: PFC CS-1 18A1905

PFTeDA

F60:MRM of 2 channels,ES-
712.9 > 668.8
1.011e+004

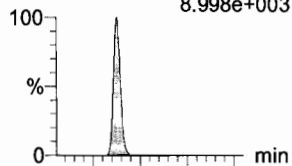


F60:MRM of 2 channels,ES-
712.9 > 369
1.141e+003

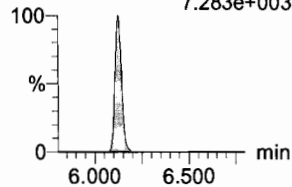


N-EtFOSA

F40:MRM of 2 channels,ES-
526.1 > 168.9
8.998e+003

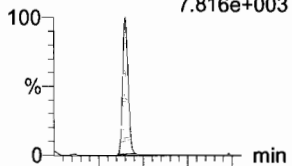


F40:MRM of 2 channels,ES-
526.1 > 219
7.283e+003

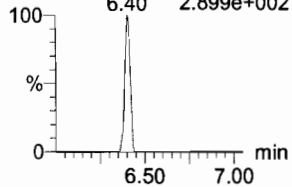


PFHxDA

F62:MRM of 2 channels,ES-
813.1 > 768.6
7.816e+003

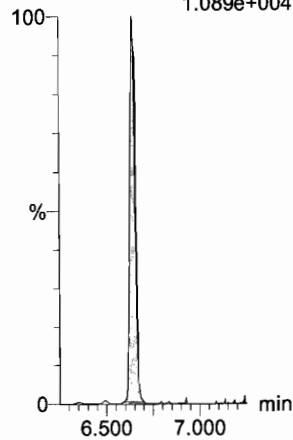


F62:MRM of 2 channels,ES-
813.1 > 219
2.899e+002



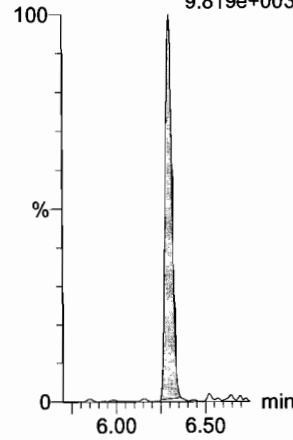
PFODA

F64:MRM of 1 channel,ES-
913.1 > 868.8
1.089e+004



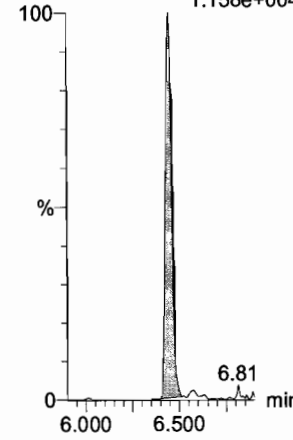
N-MeFOSE

F55:MRM of 1 channel,ES-
616.1 > 58.9
9.819e+003



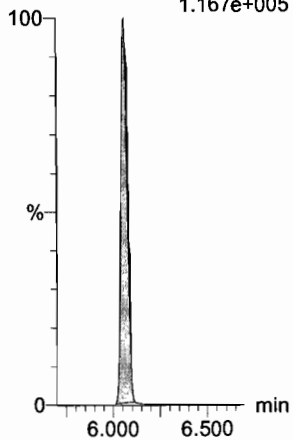
N-EtFOSE

F57:MRM of 1 channel,ES-
630.1 > 58.9
1.158e+004



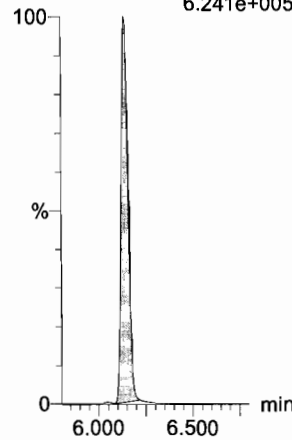
13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6
1.167e+005



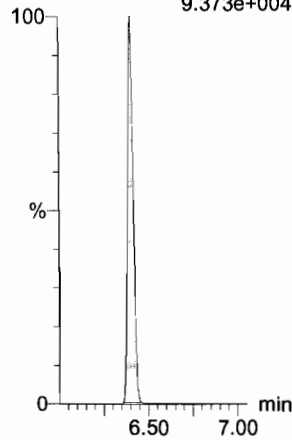
d5-N-ETFOSA

F43:MRM of 1 channel,ES-
531.1 > 168.9
6.241e+005



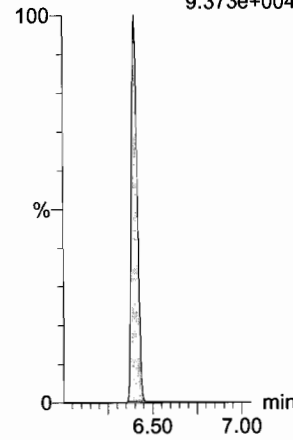
13C2-PFHxDA

F63:MRM of 1 channel,ES-
815 > 769.7
9.373e+004



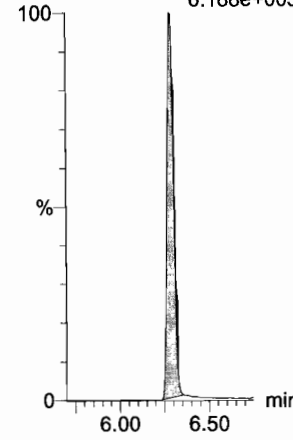
13C2-PFHxDA

F63:MRM of 1 channel,ES-
815 > 769.7
9.373e+004



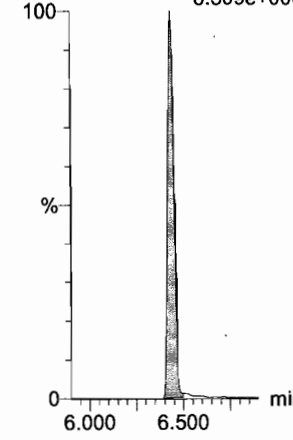
d7-N-MeFOSE

F56:MRM of 1 channel,ES-
623.1 > 58.9
6.188e+005



d9-N-EtFOSE

F58:MRM of 1 channel,ES-
639.2 > 58.8
6.509e+005



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

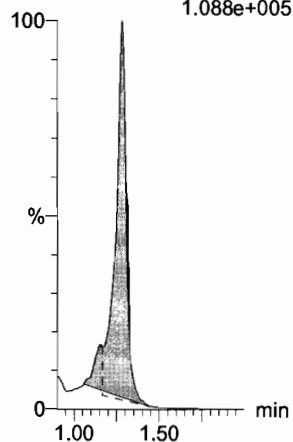
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_3, Date: 30-Jan-2018, Time: 11:56:07, ID: ST180130M2-2 PFC CS-1 18A1905, Description: PFC CS-1 18A1905

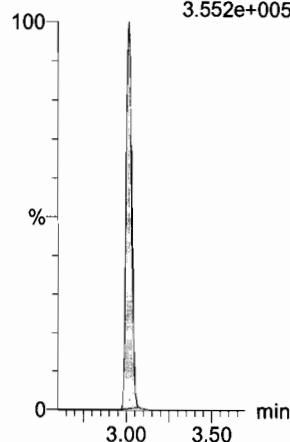
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.088e+005



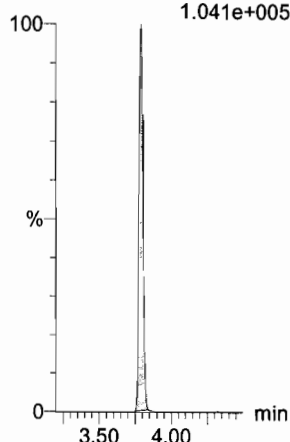
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
3.552e+005



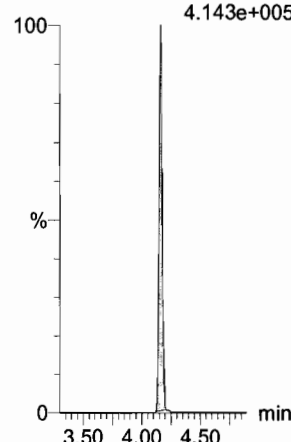
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
1.041e+005



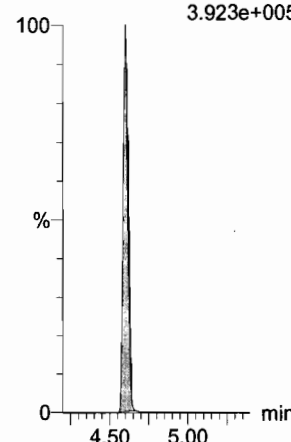
13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
4.143e+005



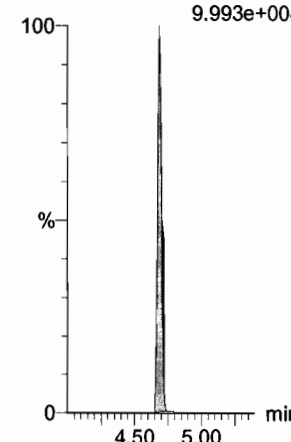
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
3.923e+005



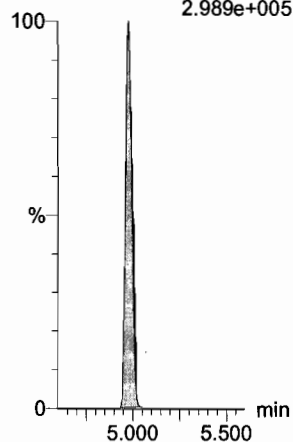
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
9.993e+004



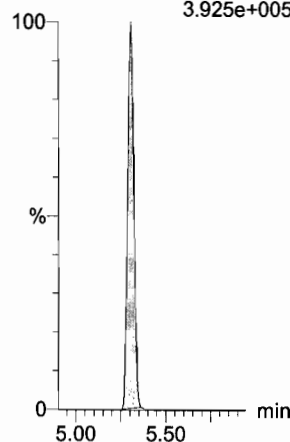
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
2.989e+005



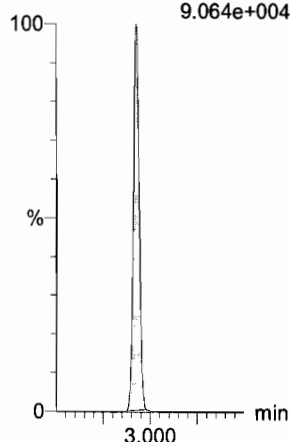
13C7-PFUDa

F48:MRM of 1 channel,ES-
570.1 > 524.8
3.925e+005



13C2-4:2 FTS

F12:MRM of 1 channel,ES-
329.2 > 308.9
9.064e+004



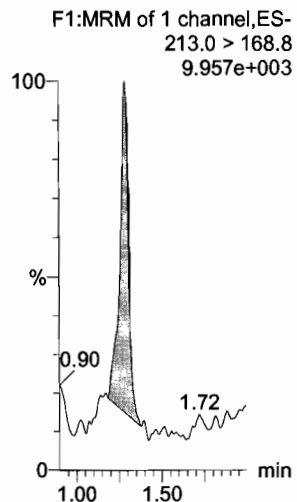
Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

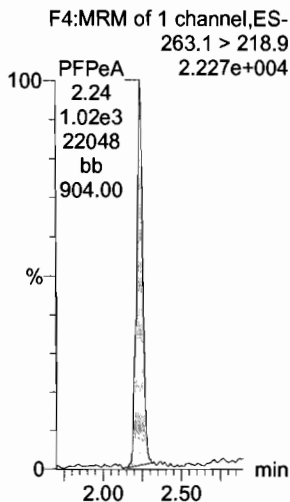
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_4, Date: 30-Jan-2018, Time: 12:07:36, ID: ST180130M2-3 PFC CS0 18A1906, Description: PFC CS0 18A1906

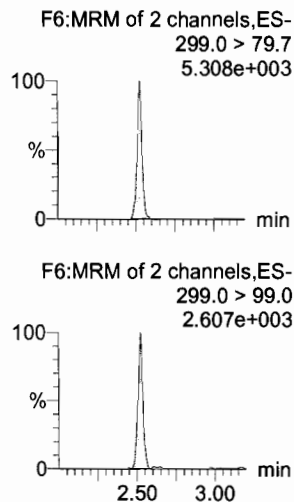
PFBA



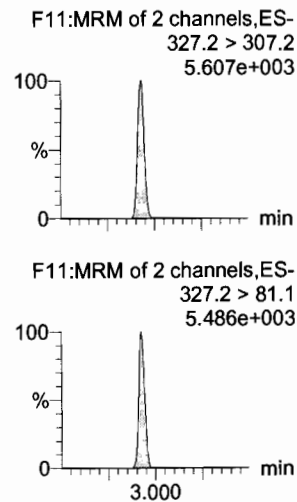
PFPeA



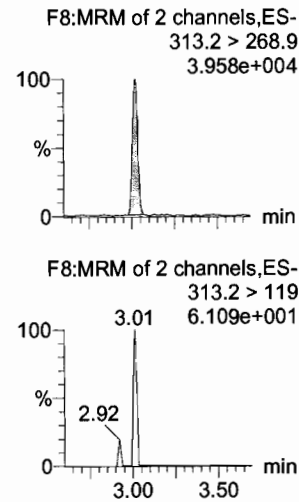
PFBS



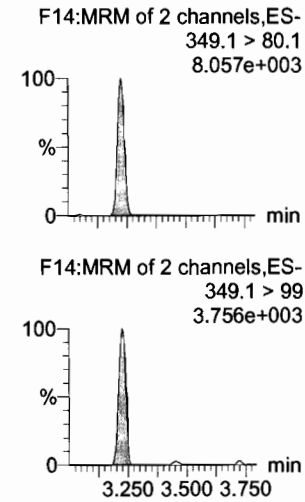
4:2 FTS



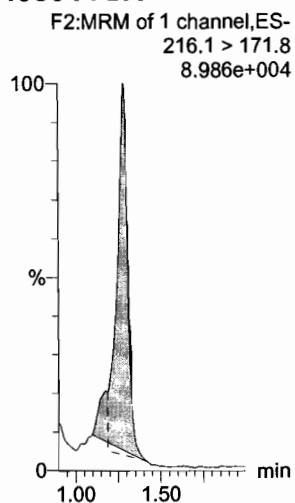
PFHxA



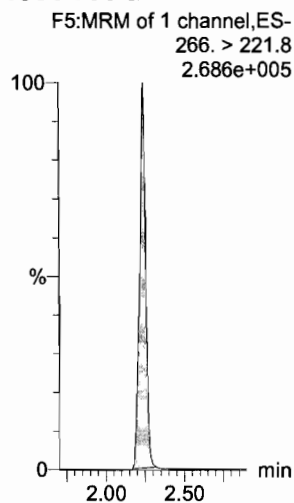
PFPeS



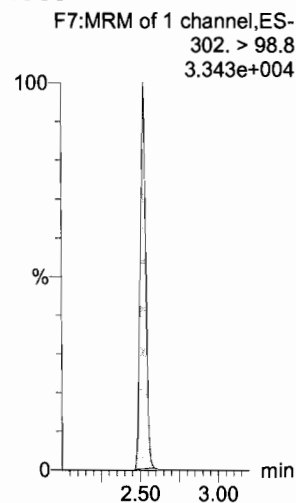
13C3-PFBA



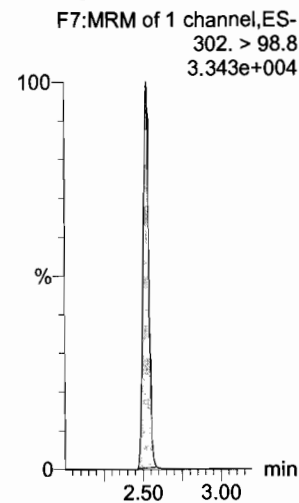
13C3-PFPeA



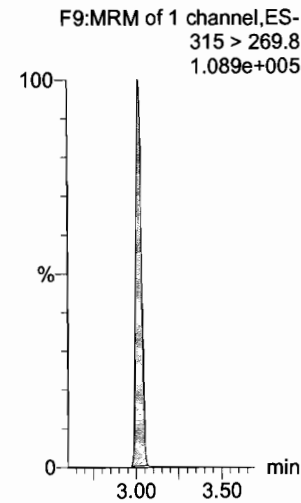
13C3-PFBS



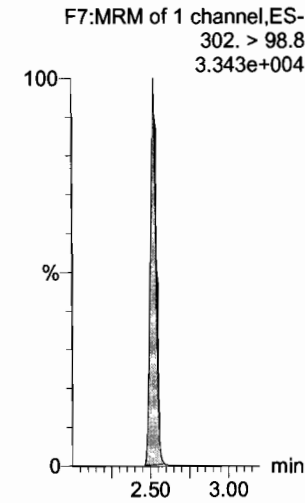
13C3-PFBS



13C2-PFHxA



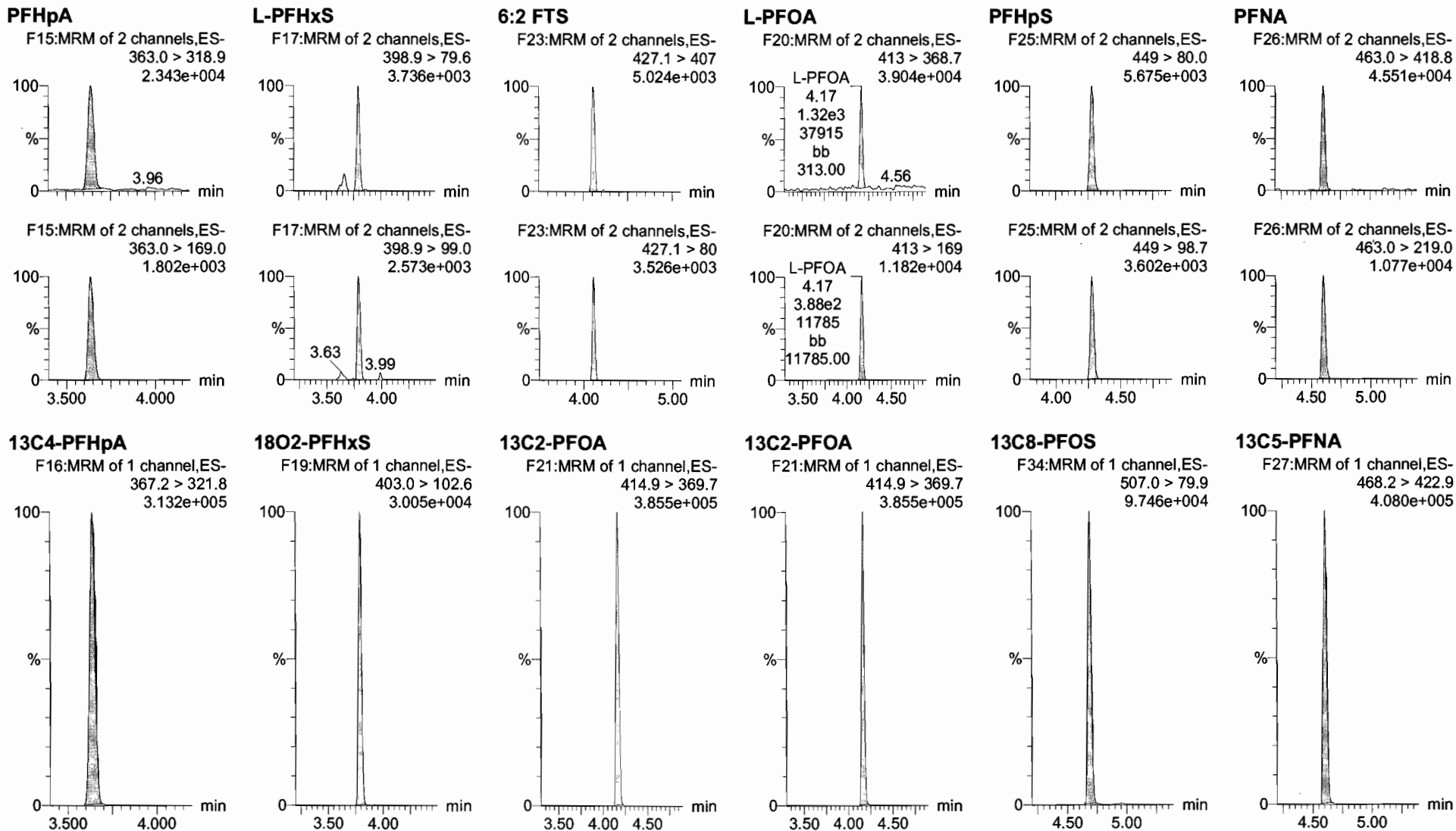
13C3-PFBS



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_4, Date: 30-Jan-2018, Time: 12:07:36, ID: ST180130M2-3 PFC CS0 18A1906, Description: PFC CS0 18A1906



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

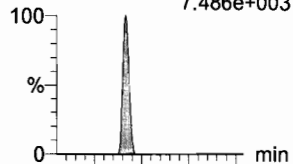
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

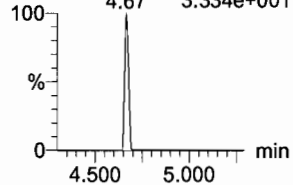
Name: 180130M2_4, Date: 30-Jan-2018, Time: 12:07:36, ID: ST180130M2-3 PFC CS0 18A1906, Description: PFC CS0 18A1906

PFOSA

F29:MRM of 2 channels,ES-
498.1 > 77.8
7.486e+003

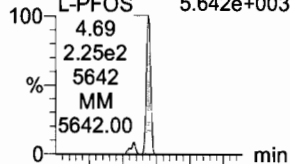


F29:MRM of 2 channels,ES-
498.1 > 478
3.334e+001

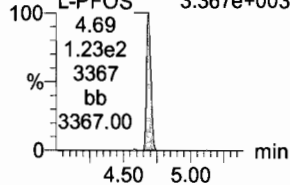


L-PFOS

F31:MRM of 2 channels,ES-
499 > 79.9
5.642e+003

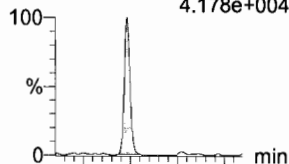


F31:MRM of 2 channels,ES-
499 > 99
3.367e+003

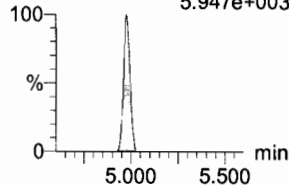


PFDA

F36:MRM of 2 channels,ES-
513 > 468.8
4.178e+004

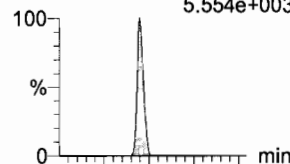


F36:MRM of 2 channels,ES-
513 > 219
5.947e+003

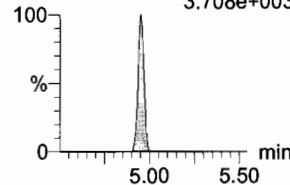


8:2 FTS

F41:MRM of 2 channels,ES-
527 > 506.9
5.554e+003

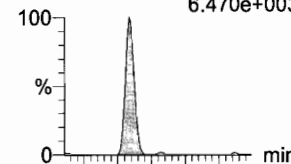


F41:MRM of 2 channels,ES-
527 > 80
3.708e+003

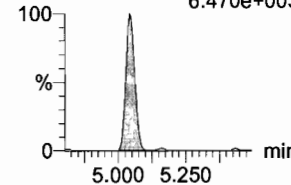


PFNS

F44:MRM of 2 channels,ES-
549.1 > 80.1
6.470e+003

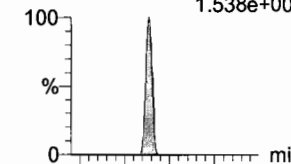


F44:MRM of 2 channels,ES-
549.1 > 80.1
6.470e+003

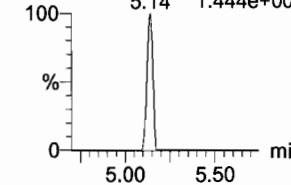


N-MeFOSAA

F47:MRM of 2 channels,ES-
570.1 > 419
1.538e+004

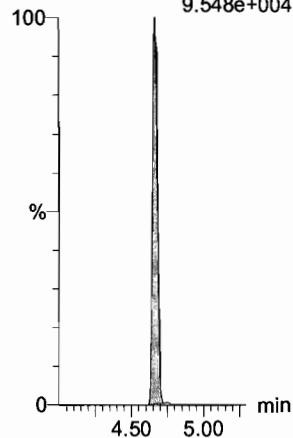


F47:MRM of 2 channels,ES-
570.1 > 483.0
1.444e+003



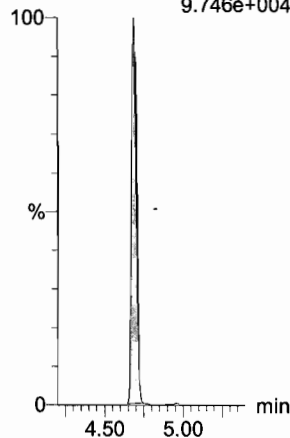
13C8-PFOSA

F33:MRM of 1 channel,ES-
506.1 > 77.7
9.548e+004



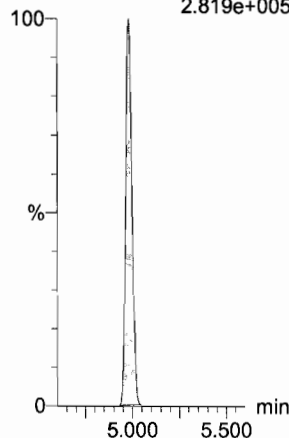
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9
9.746e+004



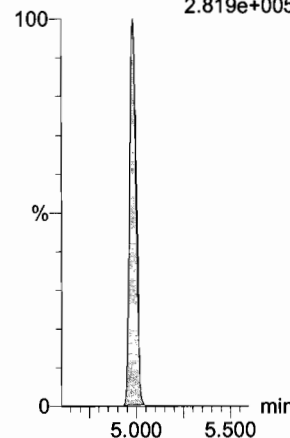
13C2-PFDA

F37:MRM of 1 channel,ES-
515.1 > 469.9
2.819e+005



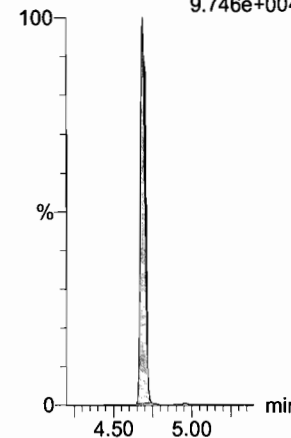
13C2-PFDA

F37:MRM of 1 channel,ES-
515.1 > 469.9
2.819e+005



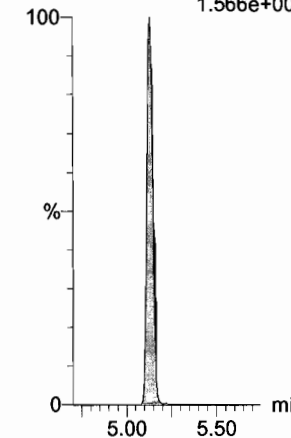
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9
9.746e+004



d3-N-MeFOSAA

F49:MRM of 1 channel,ES-
573.3 > 419
1.566e+005



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

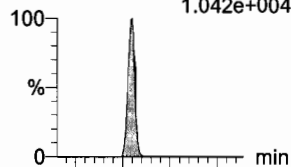
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

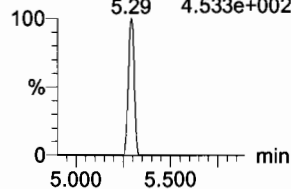
Name: 180130M2_4, Date: 30-Jan-2018, Time: 12:07:36, ID: ST180130M2-3 PFC CS0 18A1906, Description: PFC CS0 18A1906

N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
1.042e+004

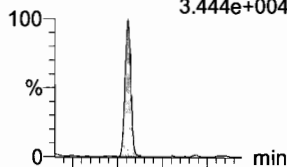


F50:MRM of 2 channels,ES-
584.2 > 483.0
4.533e+002

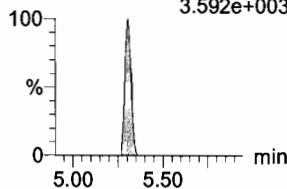


PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
3.444e+004

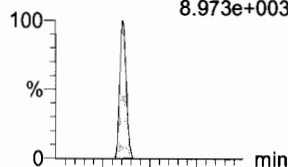


F45:MRM of 2 channels,ES-
563.0 > 269
3.592e+003

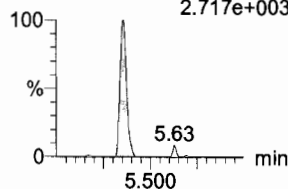


PFDS

F52:MRM of 2 channels,ES-
598.8 > 80
8.973e+003

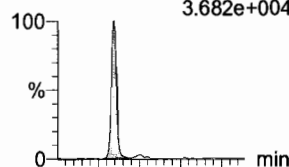


F52:MRM of 2 channels,ES-
598.8 > 98.7
2.717e+003

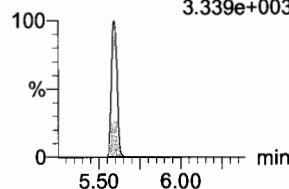


PFDaA

F53:MRM of 4 channels,ES-
612.9 > 569.0
3.682e+004

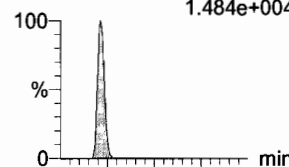


F53:MRM of 4 channels,ES-
612.9 > 318.8
3.339e+003

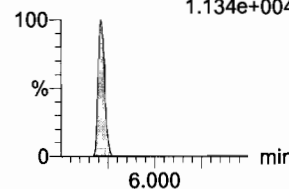


N-MeFOSA

F35:MRM of 2 channels,ES-
512.1 > 168.9
1.484e+004

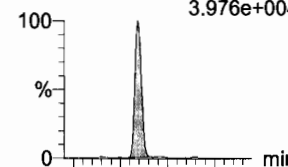


F35:MRM of 2 channels,ES-
512.1 > 219
1.134e+004

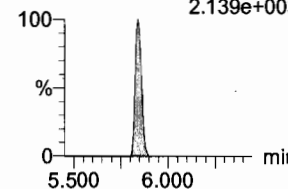


PFTrDA

F59:MRM of 2 channels,ES-
662.9 > 618.9
3.976e+004

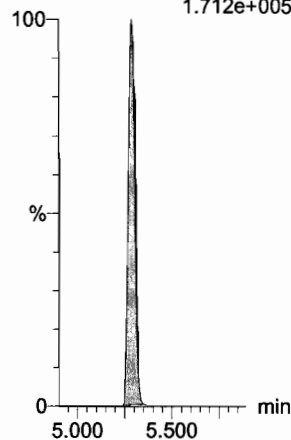


F59:MRM of 2 channels,ES-
662.9 > 319
2.139e+003



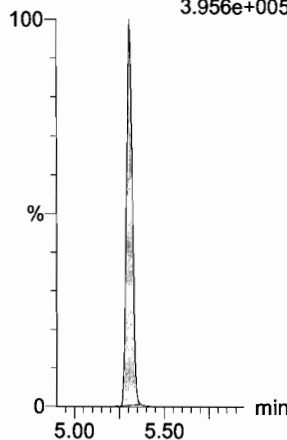
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
1.712e+005



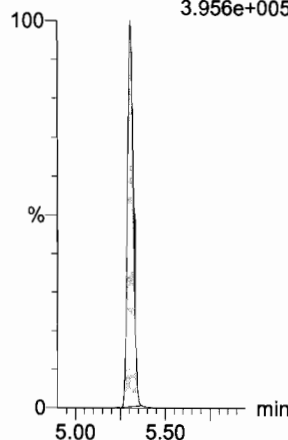
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.956e+005



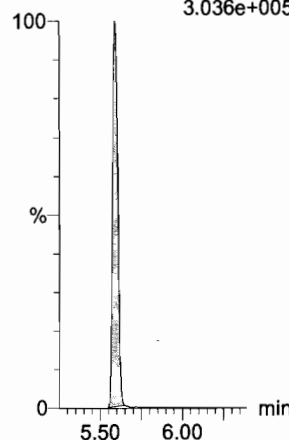
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.956e+005



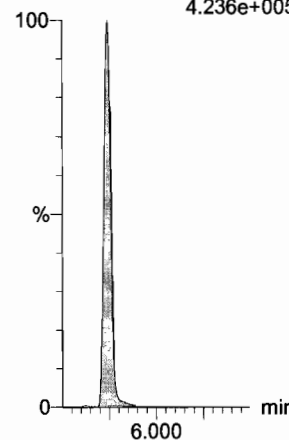
13C2-PFDaA

F54:MRM of 2 channels,ES-
615.0 > 569.7
3.036e+005



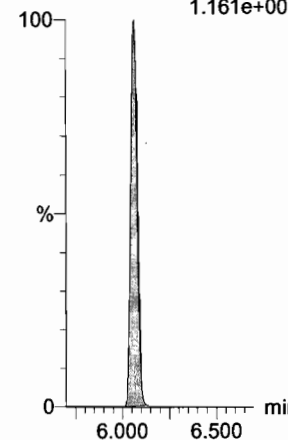
d3-N-MeFOSA

F38:MRM of 1 channel,ES-
515.2 > 168.9
4.236e+005



13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6
1.161e+005

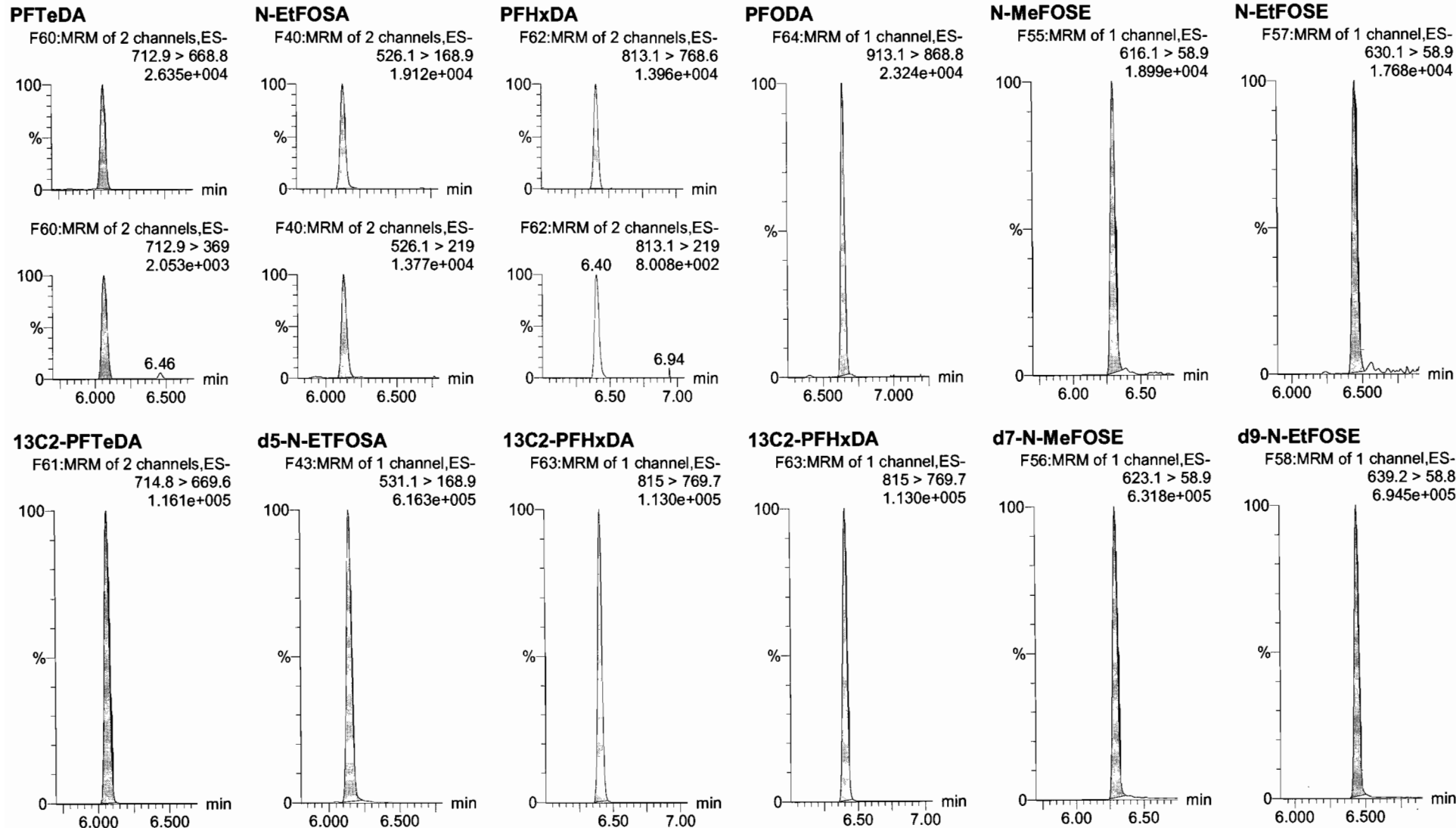


Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_4, Date: 30-Jan-2018, Time: 12:07:36, ID: ST180130M2-3 PFC CS0 18A1906, Description: PFC CS0 18A1906



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

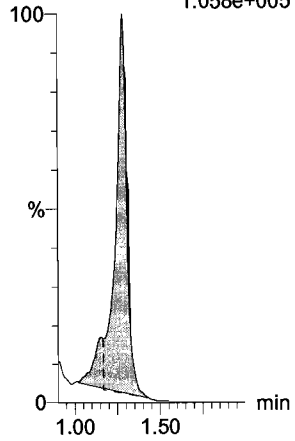
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_4, Date: 30-Jan-2018, Time: 12:07:36, ID: ST180130M2-3 PFC CS0 18A1906, Description: PFC CS0 18A1906

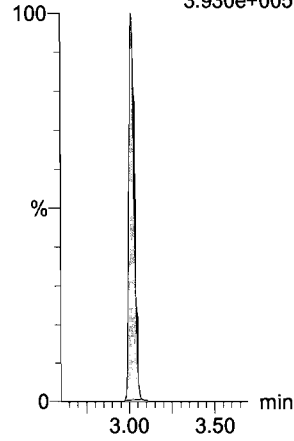
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.058e+005



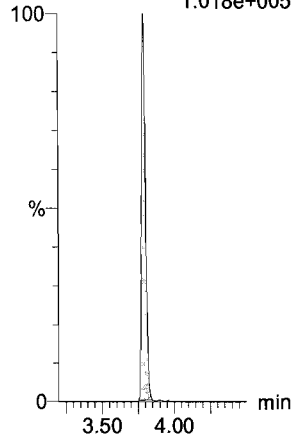
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
3.930e+005



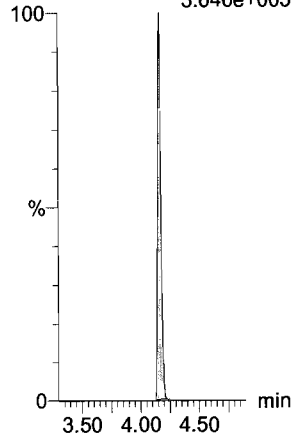
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
1.018e+005



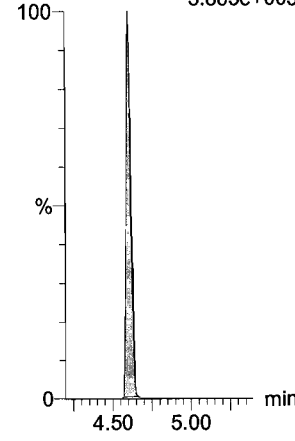
13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
3.646e+005



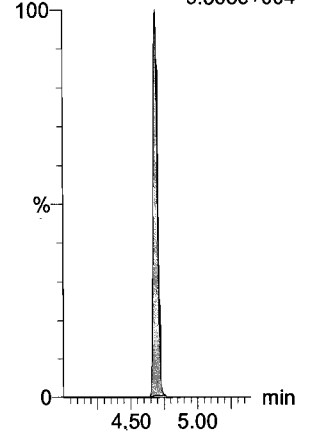
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
3.865e+005



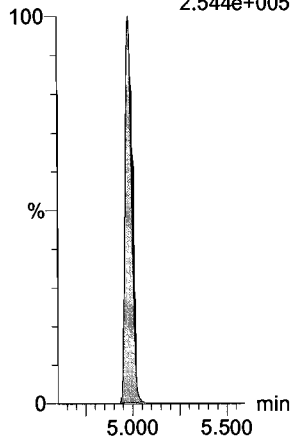
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
9.563e+004



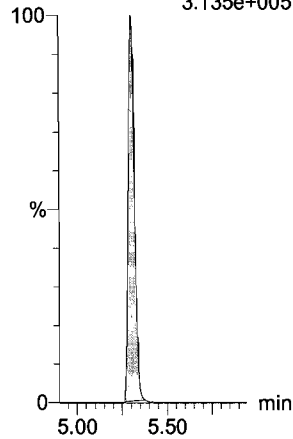
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
2.544e+005



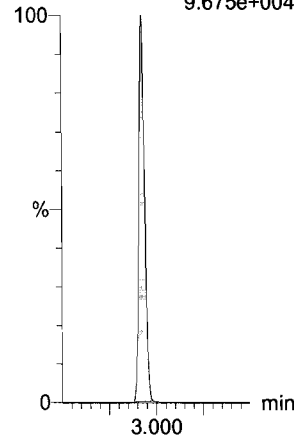
13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8
3.135e+005



13C2-4:2 FTS

F12:MRM of 1 channel,ES-
329.2 > 308.9
9.675e+004



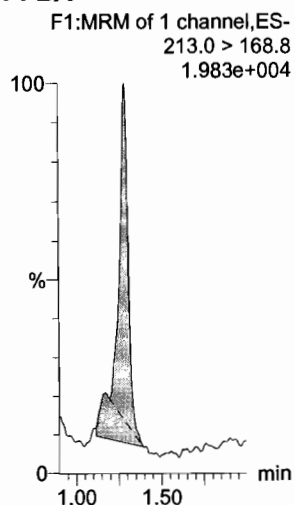
Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

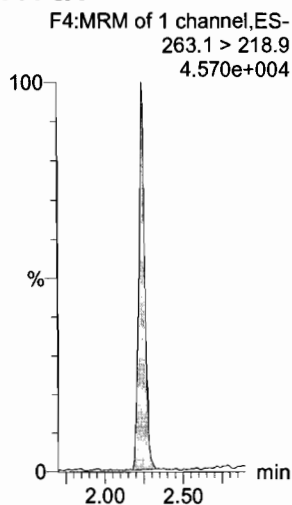
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_5, Date: 30-Jan-2018, Time: 12:19:06, ID: ST180130M2-4 PFC CS1 18A1907, Description: PFC CS1 18A1907

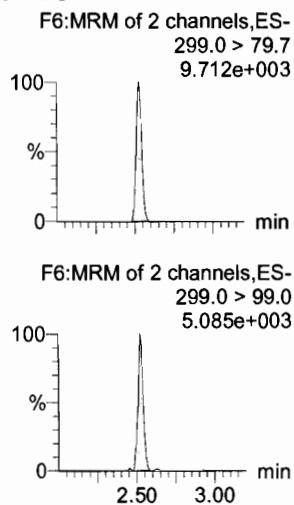
PFBA



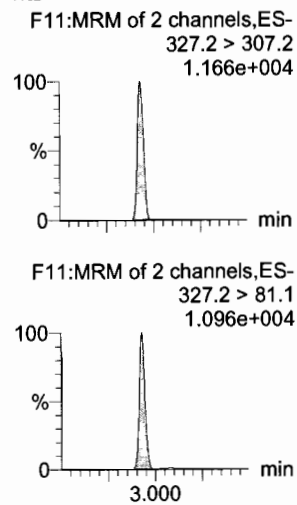
PFPeA



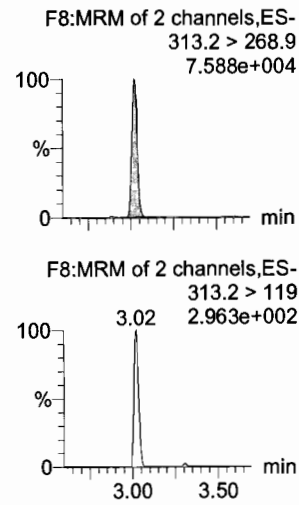
PFBS



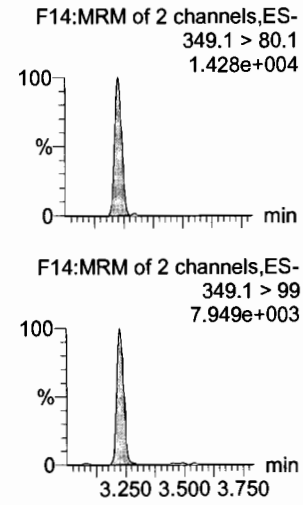
4:2 FTS



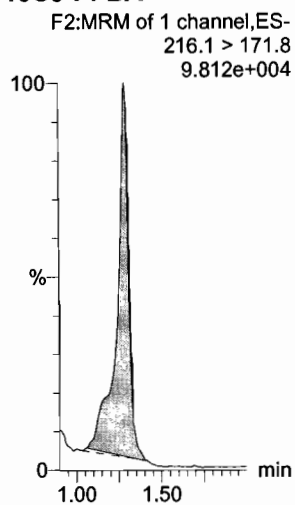
PFHxA



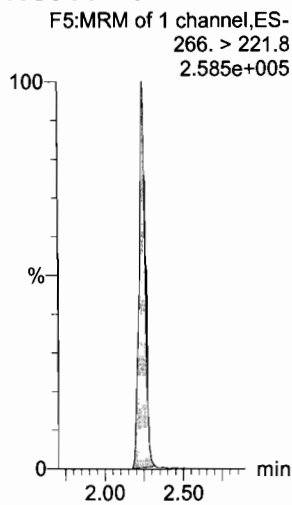
PFPeS



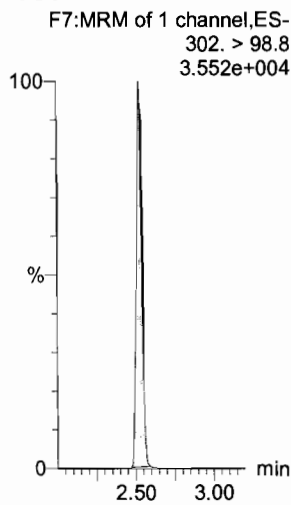
13C3-PFBA



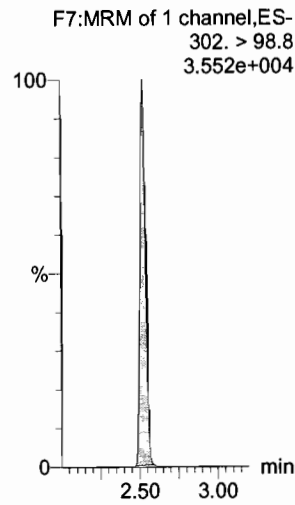
13C3-PFPeA



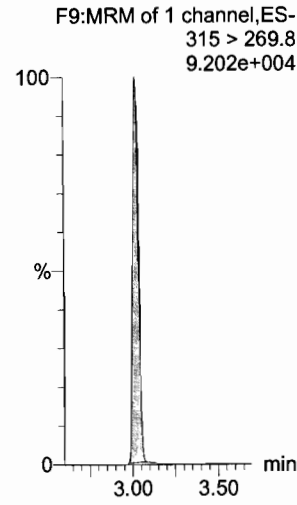
13C3-PFBS



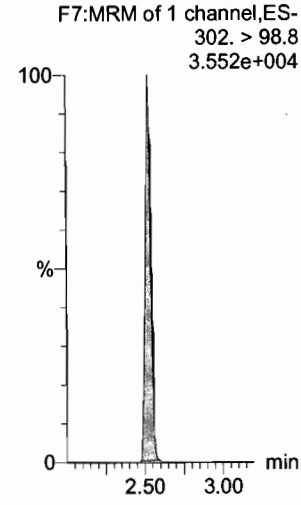
13C3-PFBS



13C2-PFHxA



13C3-PFBS



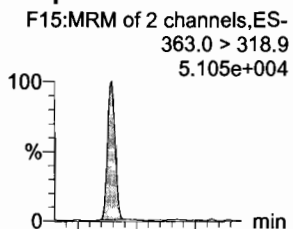
Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

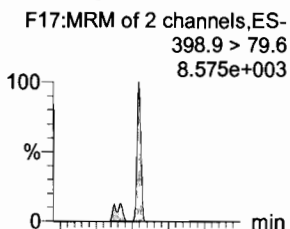
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_5, Date: 30-Jan-2018, Time: 12:19:06, ID: ST180130M2-4 PFC CS1 18A1907, Description: PFC CS1 18A1907

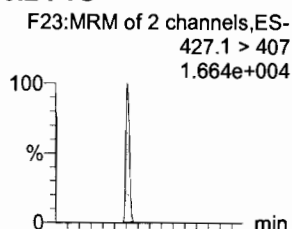
PFHpa



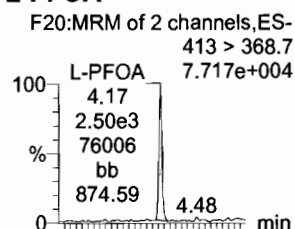
L-PFHxS



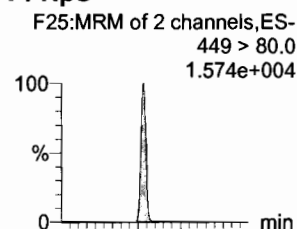
6:2 FTS



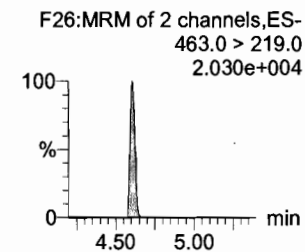
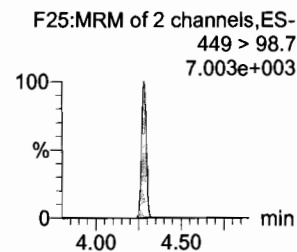
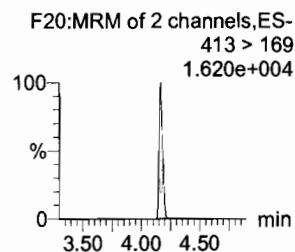
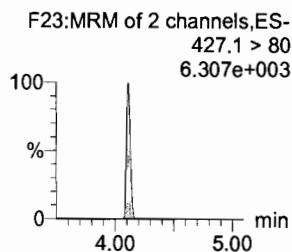
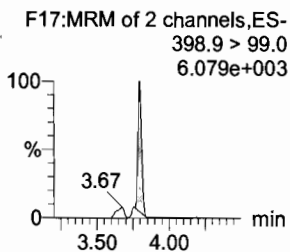
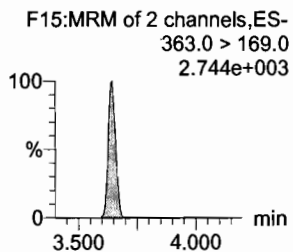
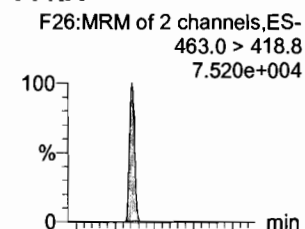
L-PFOA



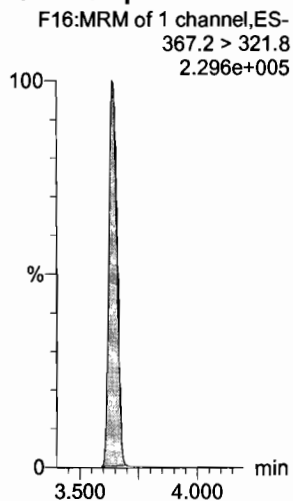
PFHps



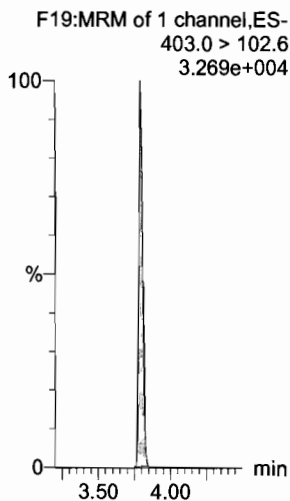
PFNA



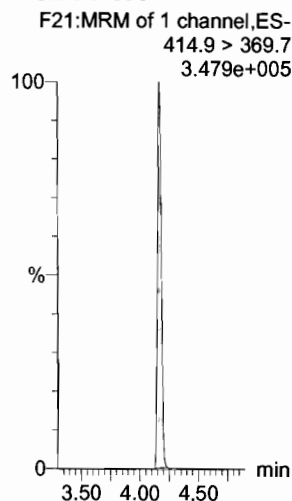
13C4-PFHpa



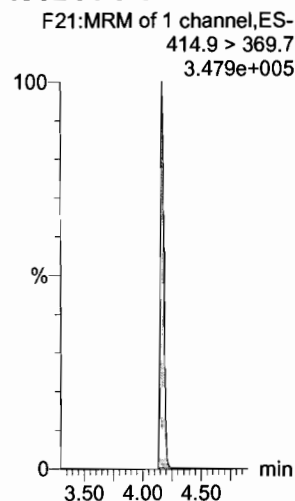
18O2-PFHxS



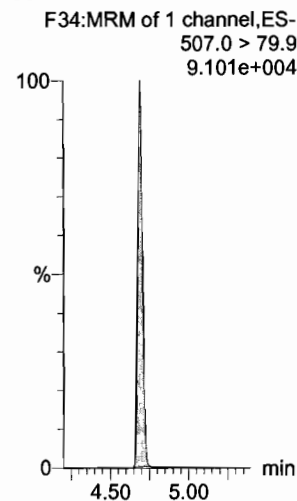
13C2-PFOA



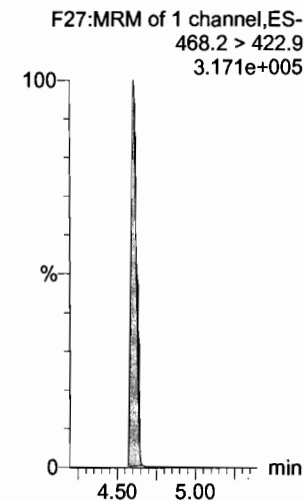
13C2-PFOA



13C8-PFOS



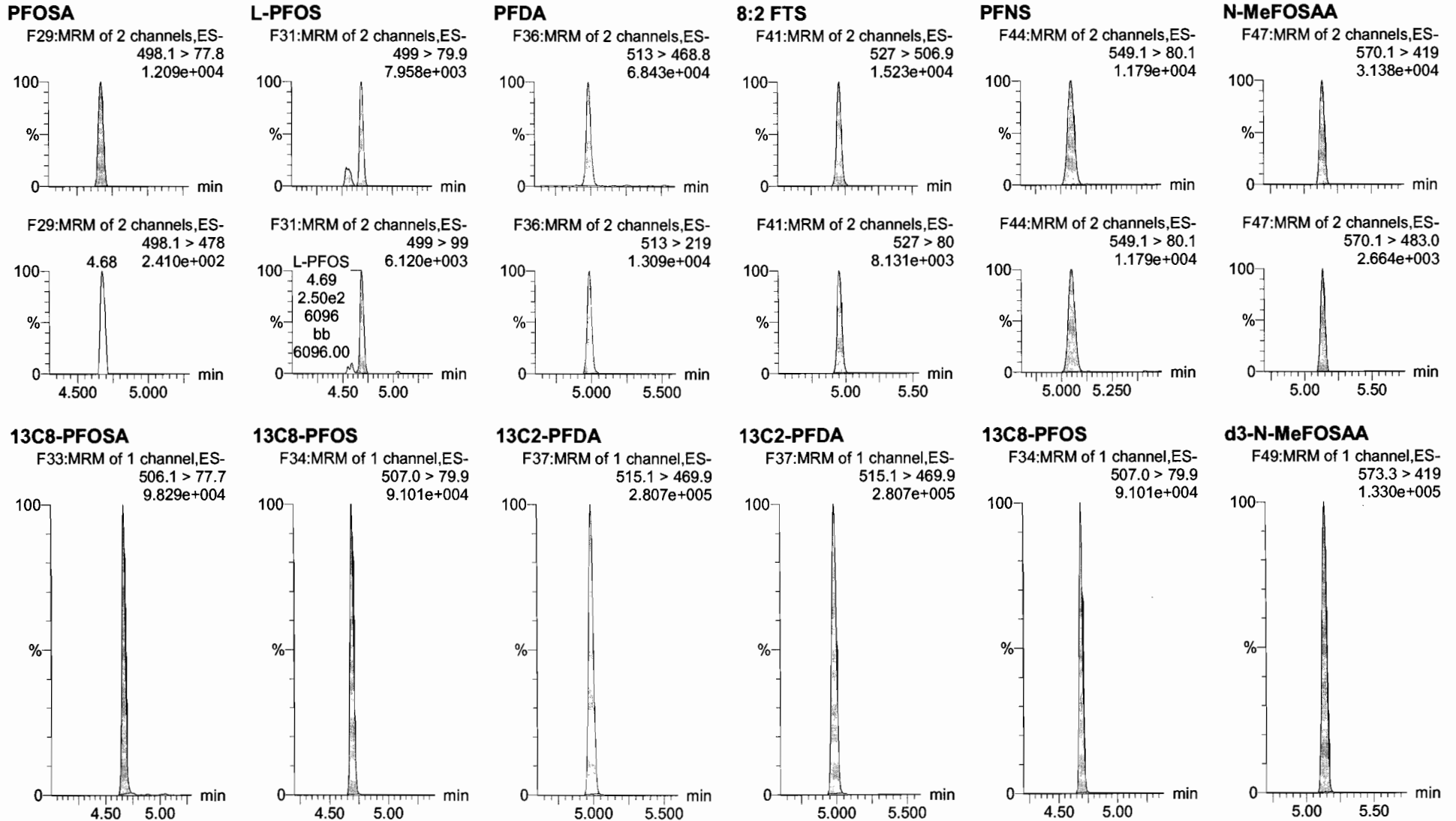
13C5-PFNA



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
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Name: 180130M2_5, Date: 30-Jan-2018, Time: 12:19:06, ID: ST180130M2-4 PFC CS1 18A1907, Description: PFC CS1 18A1907



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

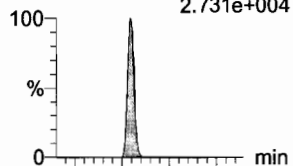
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

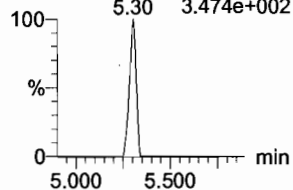
Name: 180130M2_5, Date: 30-Jan-2018, Time: 12:19:06, ID: ST180130M2-4 PFC CS1 18A1907, Description: PFC CS1 18A1907

N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
2.731e+004

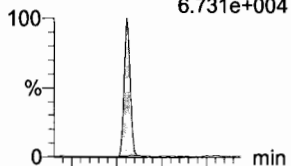


F50:MRM of 2 channels,ES-
584.2 > 483.0
3.474e+002

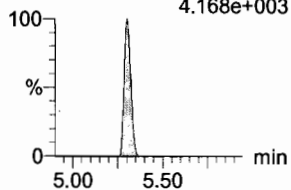


PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
6.731e+004

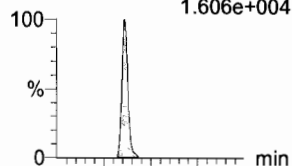


F45:MRM of 2 channels,ES-
563.0 > 269
4.168e+003

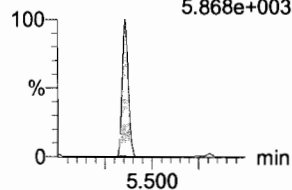


PFDS

F52:MRM of 2 channels,ES-
598.8 > 80
1.606e+004

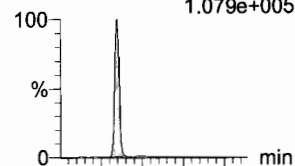


F52:MRM of 2 channels,ES-
598.8 > 98.7
5.868e+003

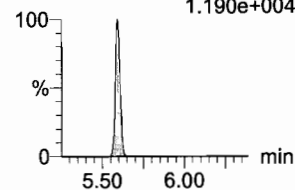


PFDaA

F53:MRM of 4 channels,ES-
612.9 > 569.0
1.079e+005

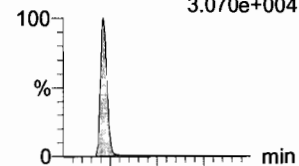


F53:MRM of 4 channels,ES-
612.9 > 318.8
1.190e+004

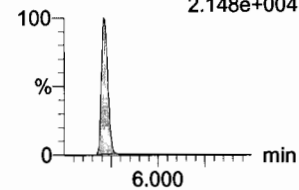


N-MeFOSA

F35:MRM of 2 channels,ES-
512.1 > 168.9
3.070e+004

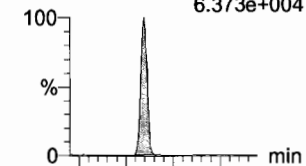


F35:MRM of 2 channels,ES-
512.1 > 219
2.148e+004

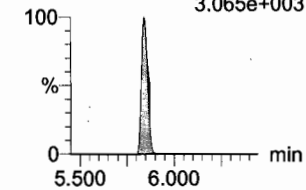


PFTrDA

F59:MRM of 2 channels,ES-
662.9 > 618.9
6.373e+004

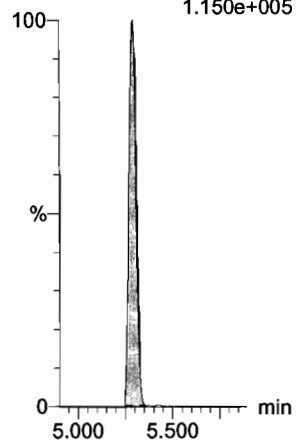


F59:MRM of 2 channels,ES-
662.9 > 319
3.065e+003



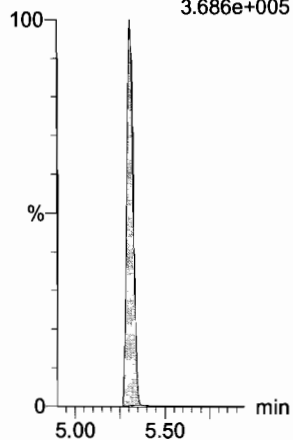
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
1.150e+005



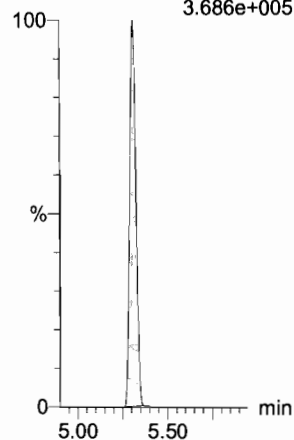
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.686e+005



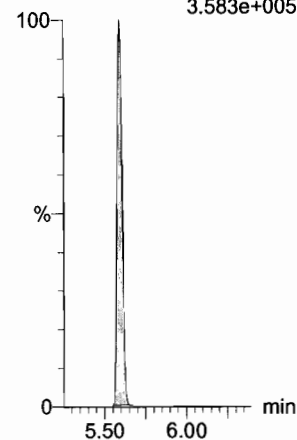
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.686e+005



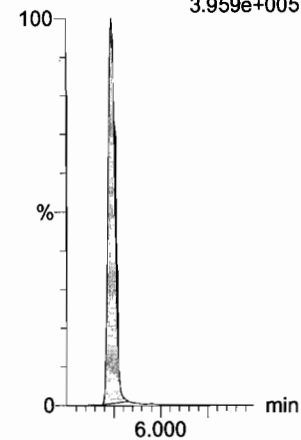
13C2-PFDaA

F54:MRM of 2 channels,ES-
615.0 > 569.7
3.583e+005



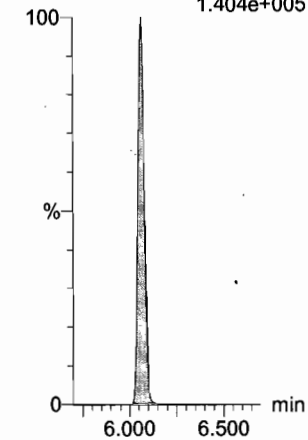
d3-N-MeFOSA

F38:MRM of 1 channel,ES-
515.2 > 168.9
3.959e+005



13C2-PFTeDA

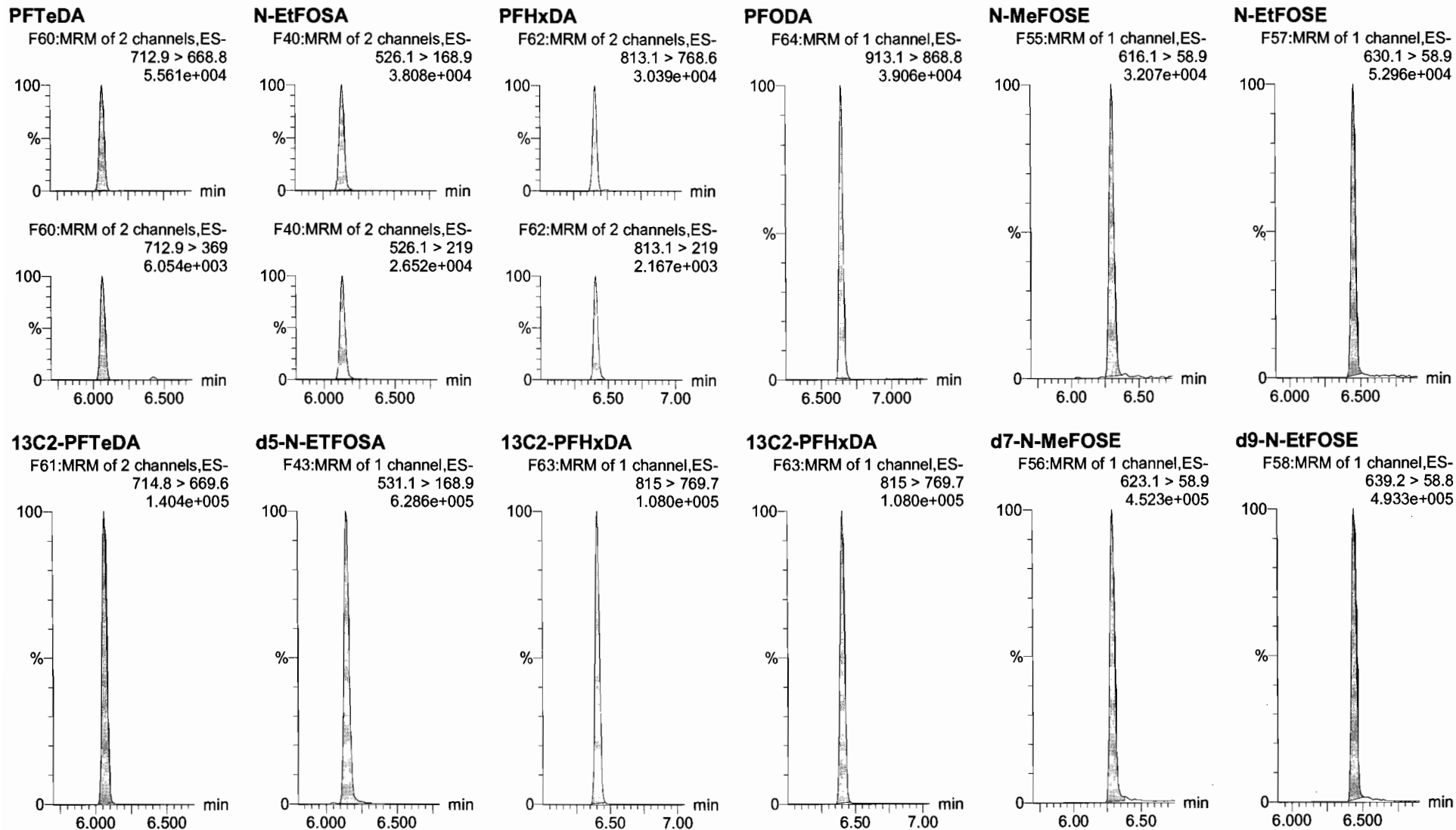
F61:MRM of 2 channels,ES-
714.8 > 669.6
1.404e+005



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_5, Date: 30-Jan-2018, Time: 12:19:06, ID: ST180130M2-4 PFC CS1 18A1907, Description: PFC CS1 18A1907



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

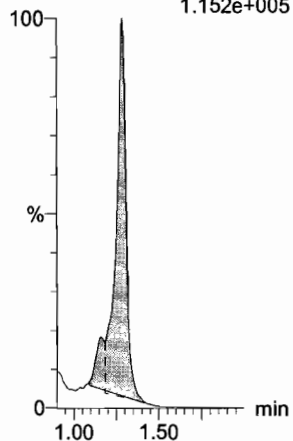
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_5, Date: 30-Jan-2018, Time: 12:19:06, ID: ST180130M2-4 PFC CS1 18A1907, Description: PFC CS1 18A1907

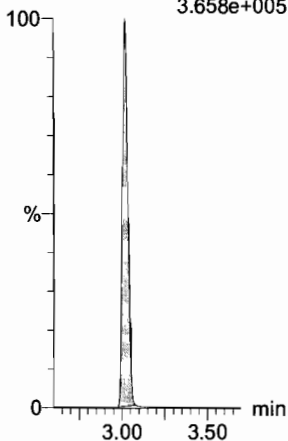
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.152e+005



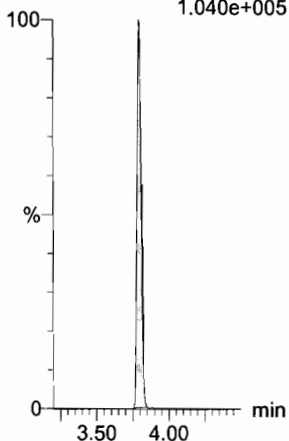
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
3.658e+005



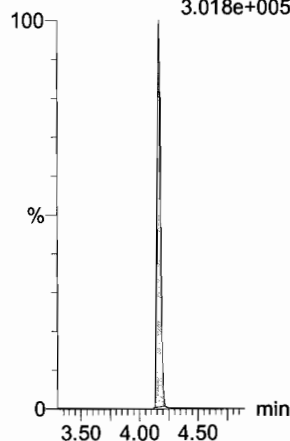
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
1.040e+005



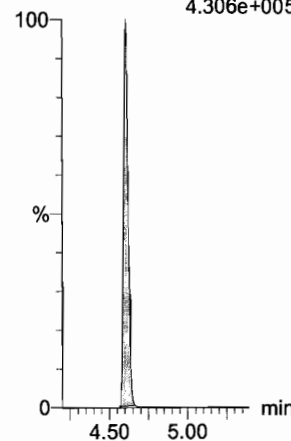
13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
3.018e+005



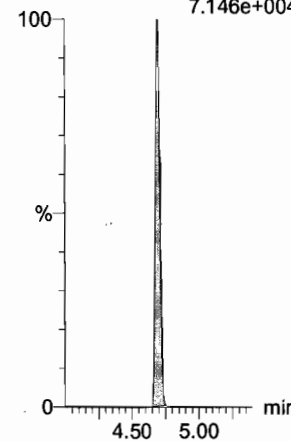
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
4.306e+005



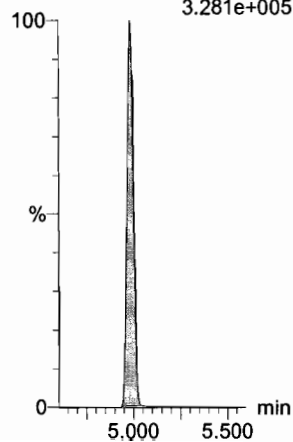
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
7.146e+004



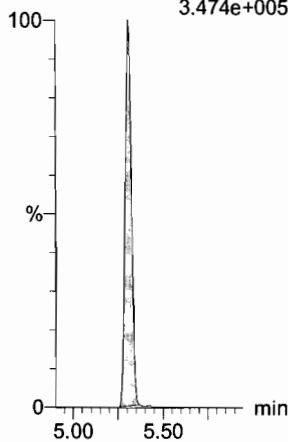
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
3.281e+005



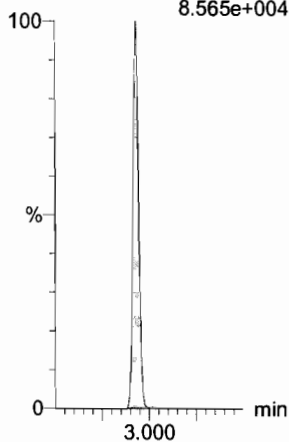
13C7-PFuDA

F48:MRM of 1 channel,ES-
570.1 > 524.8
3.474e+005



13C2-4:2 FTS

F12:MRM of 1 channel,ES-
329.2 > 308.9
8.565e+004

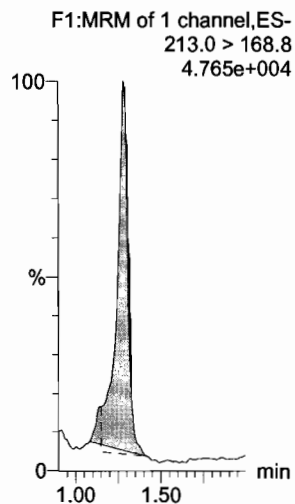


Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

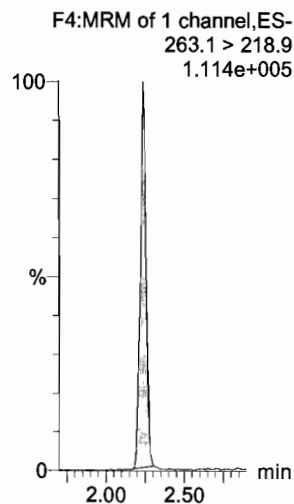
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_6, Date: 30-Jan-2018, Time: 12:30:35, ID: ST180130M2-5 PFC CS2 18A1908, Description: PFC CS2 18A1908

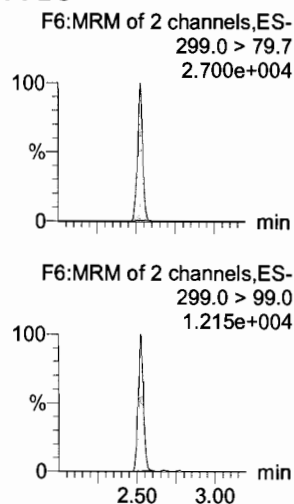
PFBA



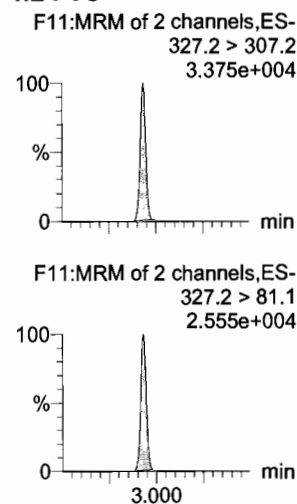
PFPeA



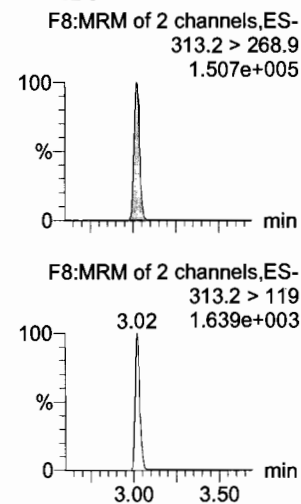
PFBS



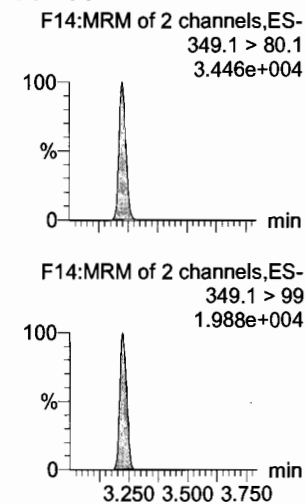
4:2 FTS



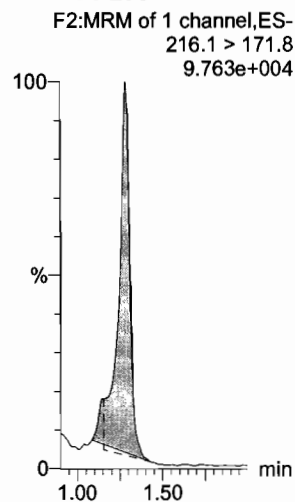
PFHxA



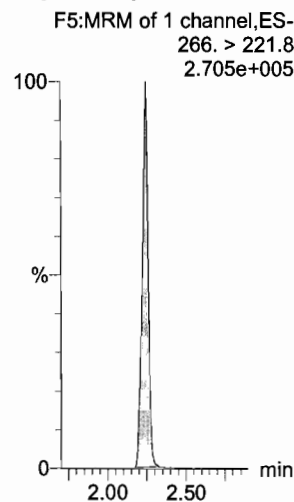
PFPeS



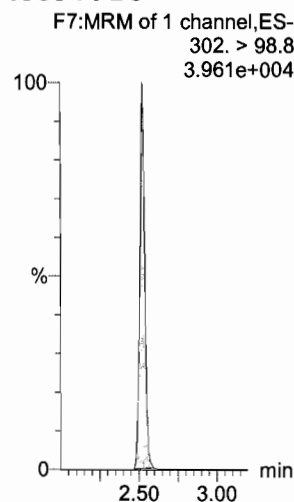
13C3-PFBA



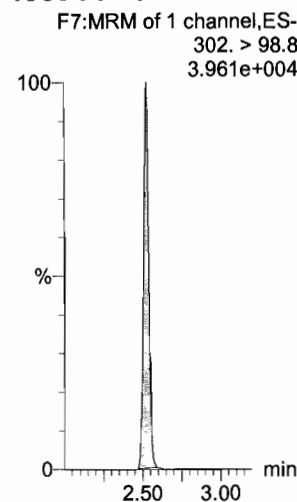
13C3-PFPeA



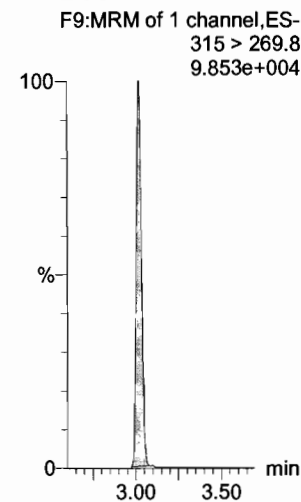
13C3-PFBS



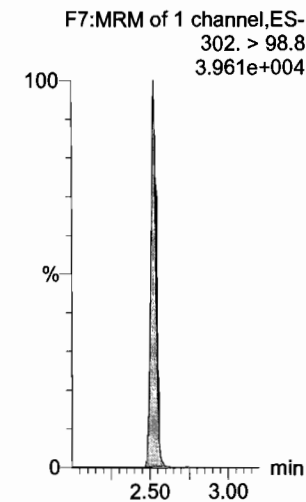
13C3-PFBS



13C2-PFHxA



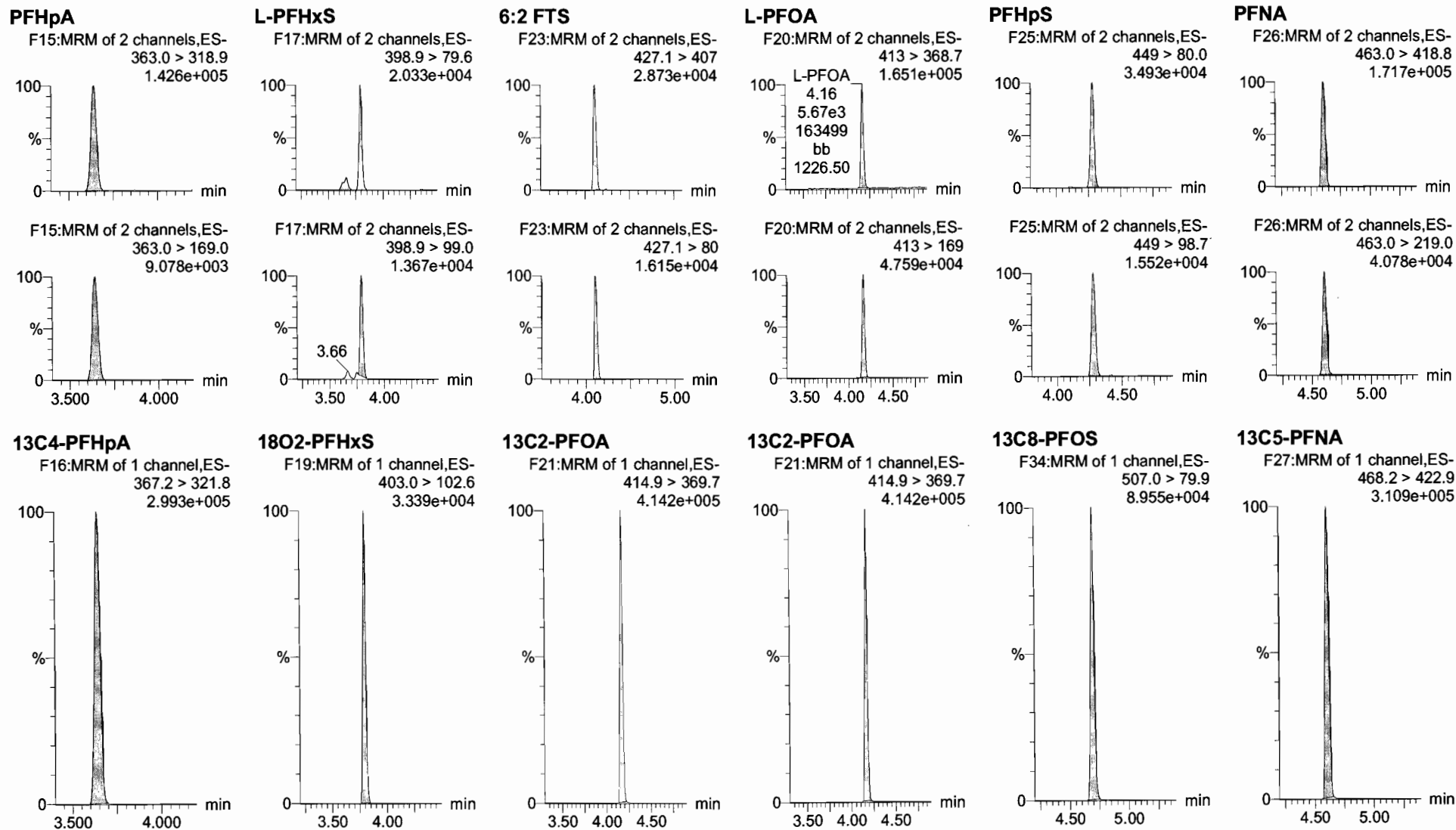
13C3-PFBS



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

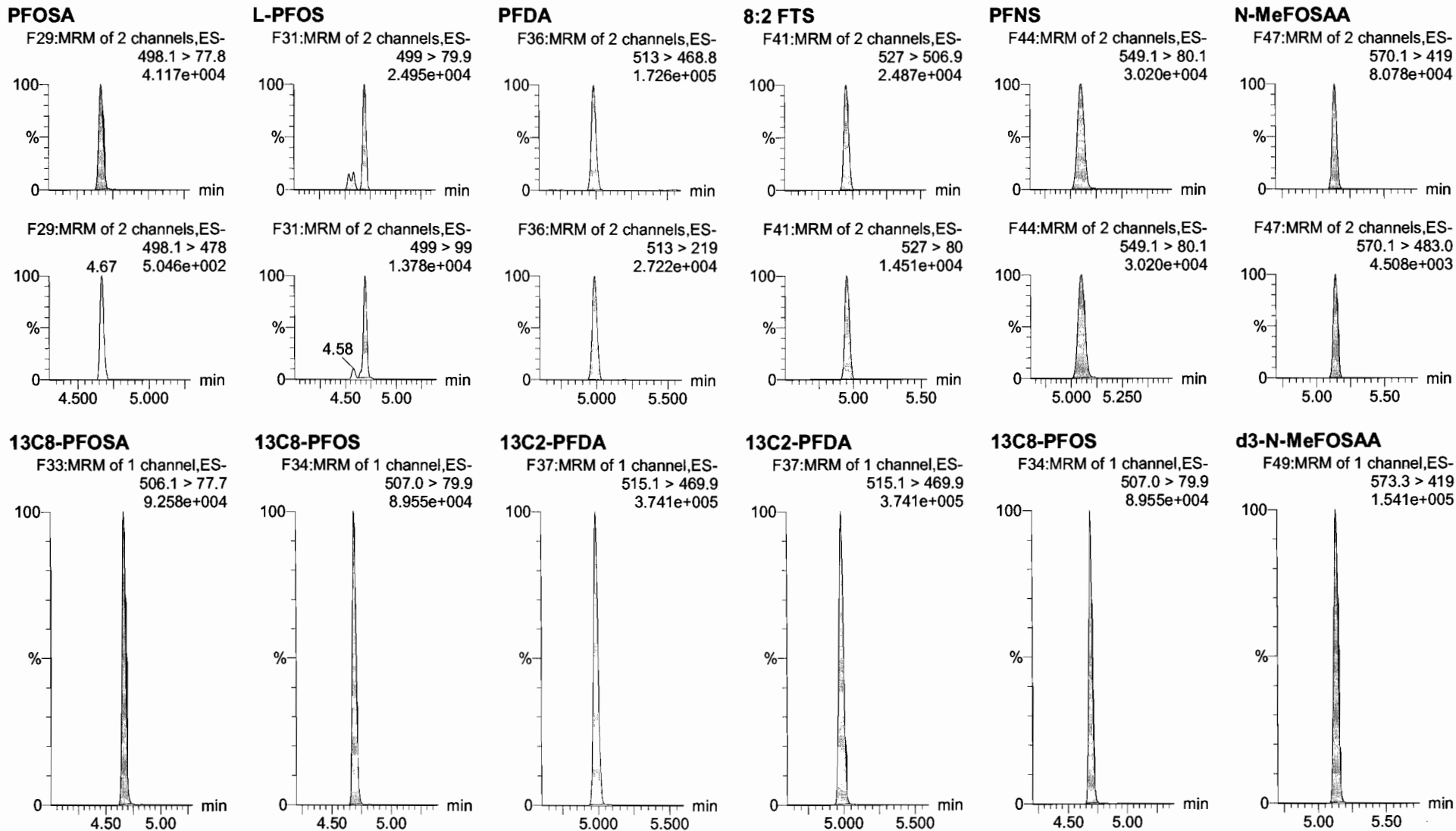
Name: 180130M2_6, Date: 30-Jan-2018, Time: 12:30:35, ID: ST180130M2-5 PFC CS2 18A1908, Description: PFC CS2 18A1908



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_6, Date: 30-Jan-2018, Time: 12:30:35, ID: ST180130M2-5 PFC CS2 18A1908, Description: PFC CS2 18A1908



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

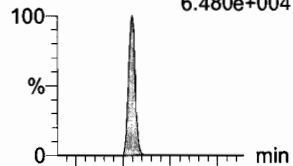
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

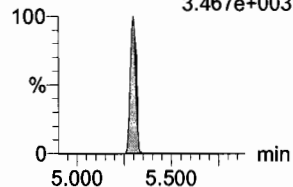
Name: 180130M2_6, Date: 30-Jan-2018, Time: 12:30:35, ID: ST180130M2-5 PFC CS2 18A1908, Description: PFC CS2 18A1908

N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
6.480e+004

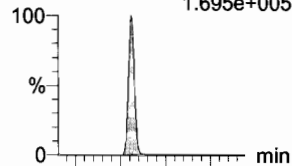


F50:MRM of 2 channels,ES-
584.2 > 483.0
3.467e+003

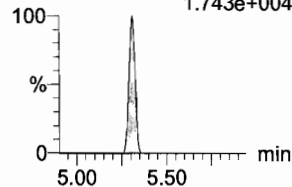


PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
1.695e+005

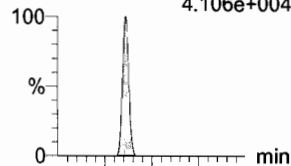


F45:MRM of 2 channels,ES-
563.0 > 269
1.743e+004

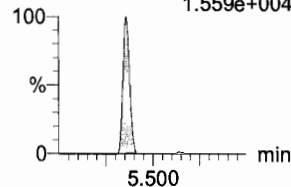


PFDS

F52:MRM of 2 channels,ES-
598.8 > 80
4.106e+004

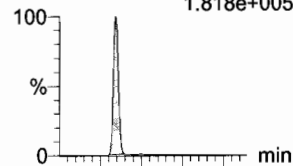


F52:MRM of 2 channels,ES-
598.8 > 98.7
1.559e+004

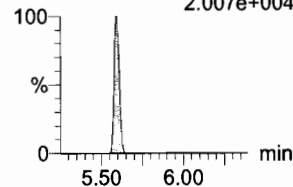


PFDoA

F53:MRM of 4 channels,ES-
612.9 > 569.0
1.818e+005

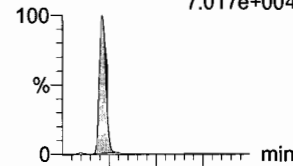


F53:MRM of 4 channels,ES-
612.9 > 318.8
2.007e+004

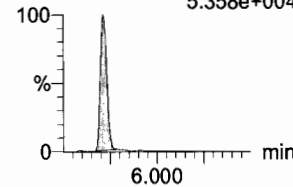


N-MeFOSA

F35:MRM of 2 channels,ES-
512.1 > 168.9
7.017e+004

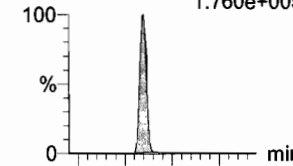


F35:MRM of 2 channels,ES-
512.1 > 219
5.358e+004

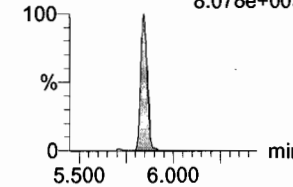


PFTrDA

F59:MRM of 2 channels,ES-
662.9 > 618.9
1.760e+005

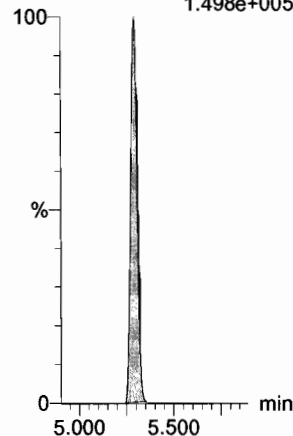


F59:MRM of 2 channels,ES-
662.9 > 319
8.078e+003



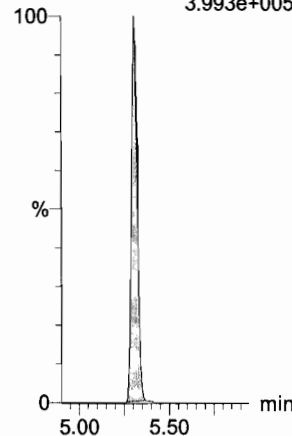
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
1.498e+005



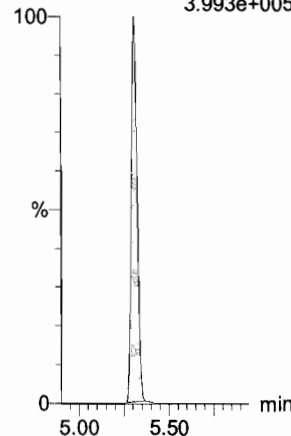
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.993e+005



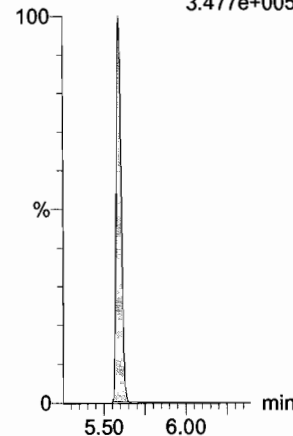
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.993e+005



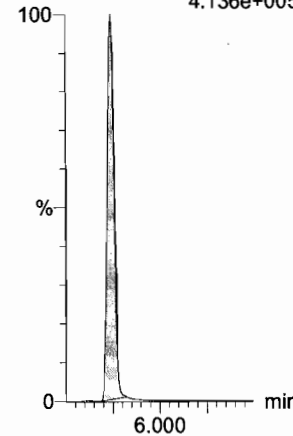
13C2-PFDoA

F54:MRM of 2 channels,ES-
615.0 > 569.7
3.477e+005



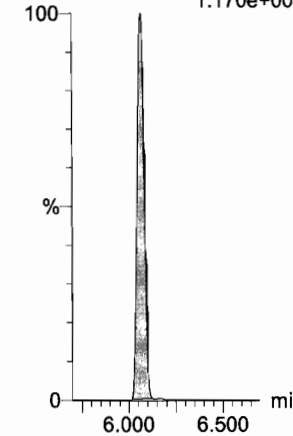
d3-N-MeFOSA

F38:MRM of 1 channel,ES-
515.2 > 168.9
4.136e+005



13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6
1.170e+005



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

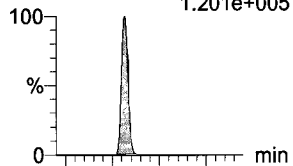
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

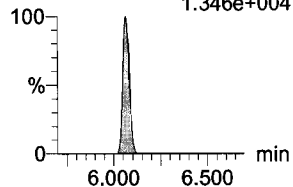
Name: 180130M2_6, Date: 30-Jan-2018, Time: 12:30:35, ID: ST180130M2-5 PFC CS2 18A1908, Description: PFC CS2 18A1908

PFTeDA

F60:MRM of 2 channels,ES-
712.9 > 668.8
1.201e+005

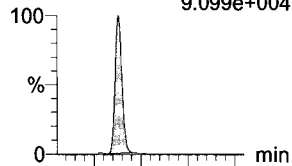


F60:MRM of 2 channels,ES-
712.9 > 369
1.346e+004

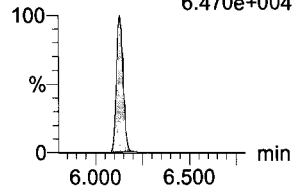


N-EtFOSA

F40:MRM of 2 channels,ES-
526.1 > 168.9
9.099e+004

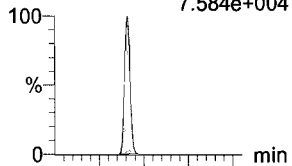


F40:MRM of 2 channels,ES-
526.1 > 219
6.470e+004

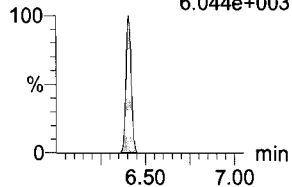


PFHxDA

F62:MRM of 2 channels,ES-
813.1 > 768.6
7.584e+004

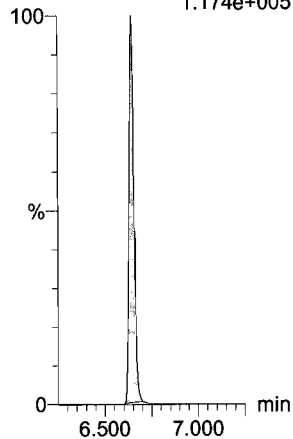


F62:MRM of 2 channels,ES-
813.1 > 219
6.044e+003



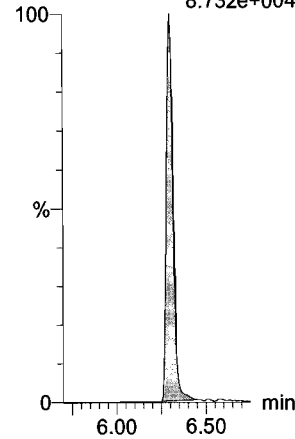
PFODA

F64:MRM of 1 channel,ES-
913.1 > 868.8
1.174e+005



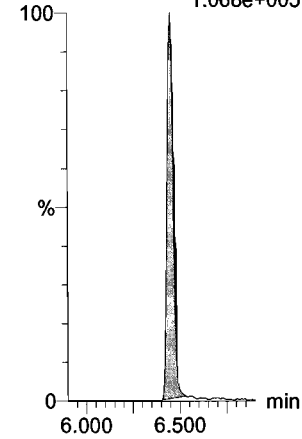
N-MeFOSE

F55:MRM of 1 channel,ES-
616.1 > 58.9
8.732e+004



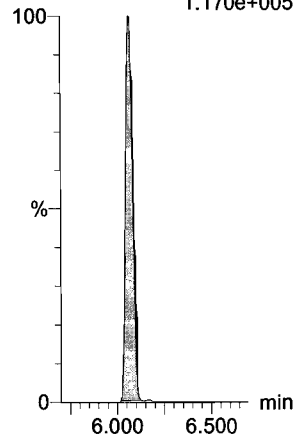
N-EtFOSE

F57:MRM of 1 channel,ES-
630.1 > 58.9
1.068e+005



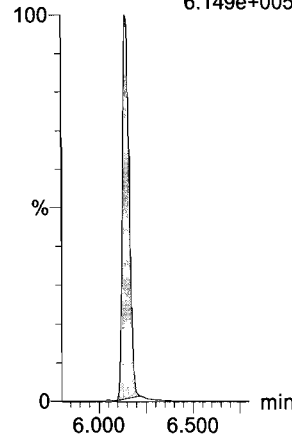
13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6
1.170e+005



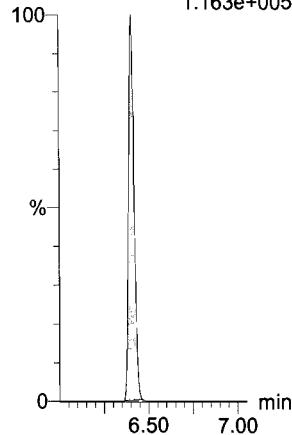
d5-N-ETFOSA

F43:MRM of 1 channel,ES-
531.1 > 168.9
6.149e+005



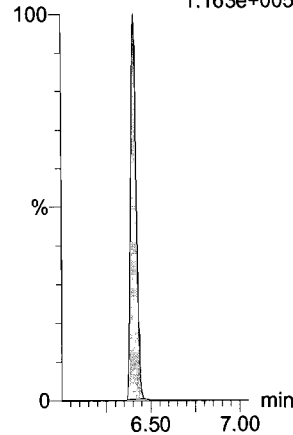
13C2-PFHxDA

F63:MRM of 1 channel,ES-
815 > 769.7
1.163e+005



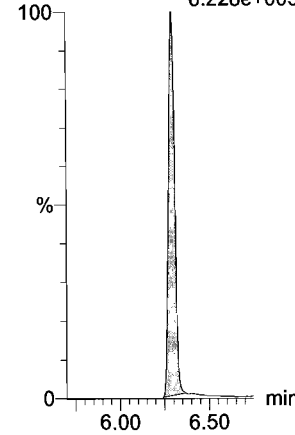
13C2-PFHxDA

F63:MRM of 1 channel,ES-
815 > 769.7
1.163e+005



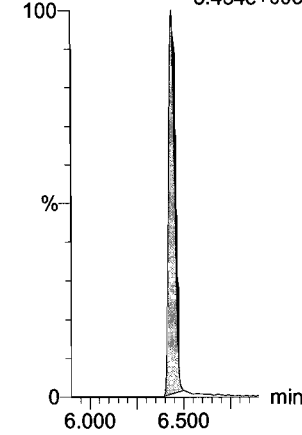
d7-N-MeFOSE

F56:MRM of 1 channel,ES-
623.1 > 58.9
6.228e+005



d9-N-EtFOSE

F58:MRM of 1 channel,ES-
639.2 > 58.8
5.434e+005



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

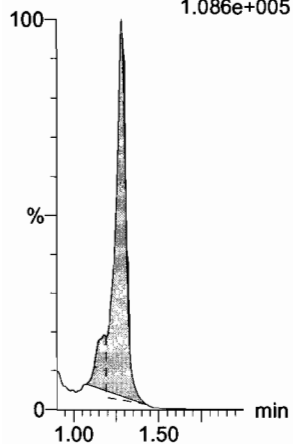
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_6, Date: 30-Jan-2018, Time: 12:30:35, ID: ST180130M2-5 PFC CS2 18A1908, Description: PFC CS2 18A1908

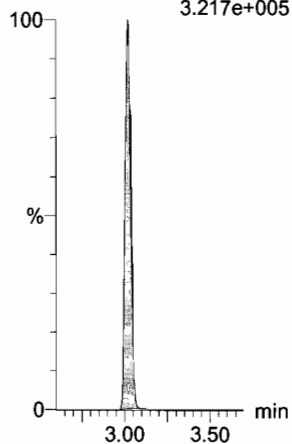
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.086e+005



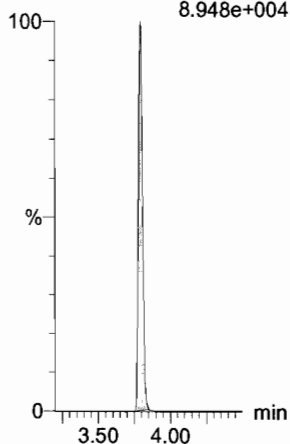
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
3.217e+005



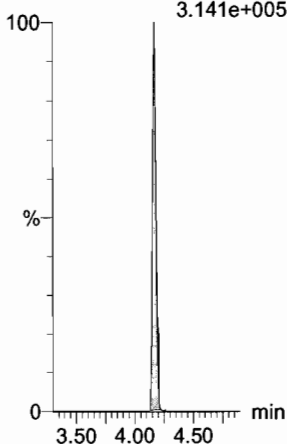
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
8.948e+004



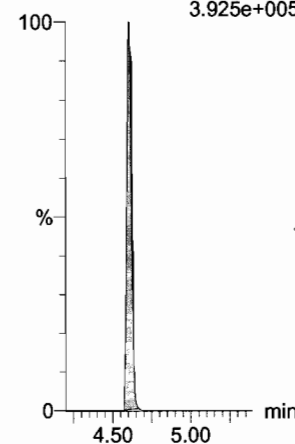
13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
3.141e+005



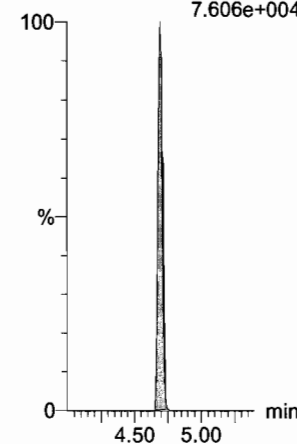
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
3.925e+005



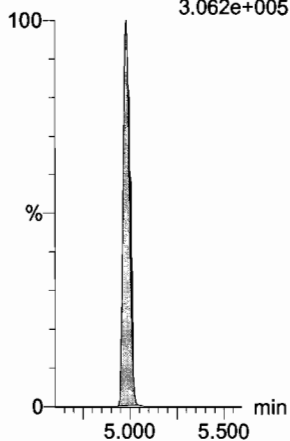
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
7.606e+004



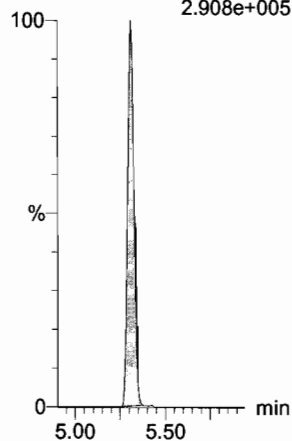
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
3.062e+005



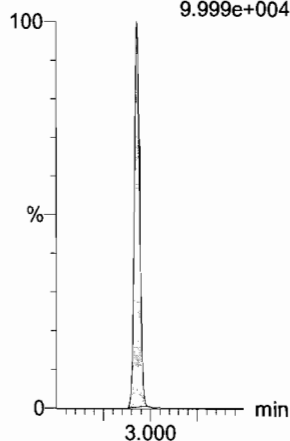
13C7-PFuDA

F48:MRM of 1 channel,ES-
570.1 > 524.8
2.908e+005



13C2-4:2 FTS

F12:MRM of 1 channel,ES-
329.2 > 308.9
9.999e+004



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

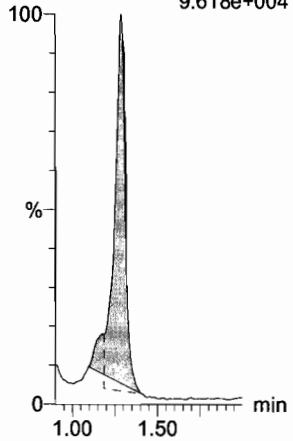
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_7, Date: 30-Jan-2018, Time: 12:42:05, ID: ST180130M2-6 PFC CS3 18A1909, Description: PFC CS3 18A1909

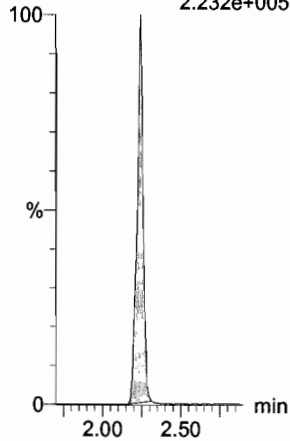
PFBA

F1:MRM of 1 channel,ES-
213.0 > 168.8
9.618e+004



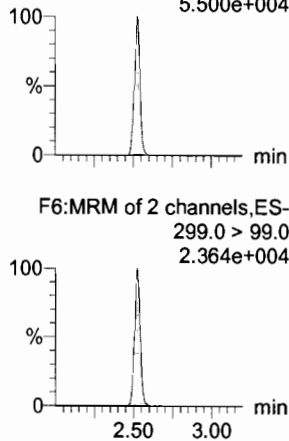
PFPeA

F4:MRM of 1 channel,ES-
263.1 > 218.9
2.232e+005



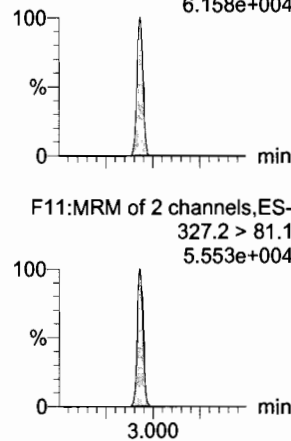
PFBS

F6:MRM of 2 channels,ES-
299.0 > 79.7
5.500e+004



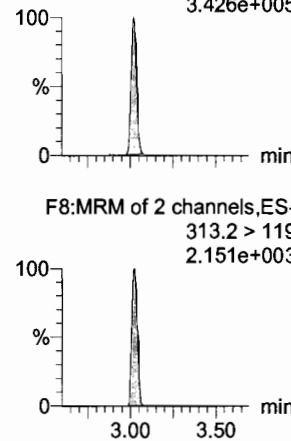
4:2 FTS

F11:MRM of 2 channels,ES-
327.2 > 307.2
6.158e+004



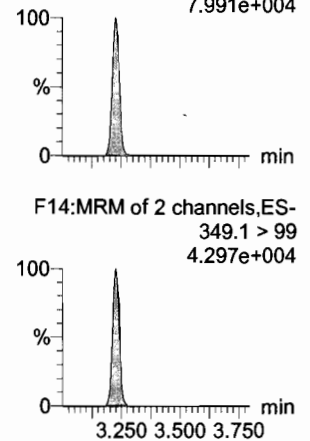
PFHxA

F8:MRM of 2 channels,ES-
313.2 > 268.9
3.426e+005



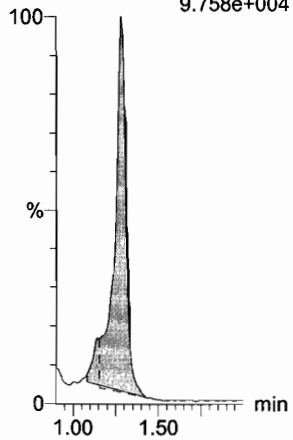
PFPeS

F14:MRM of 2 channels,ES-
349.1 > 80.1
7.991e+004



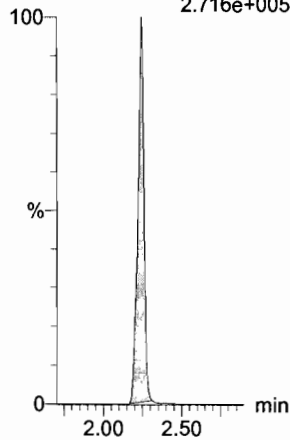
13C3-PFBA

F2:MRM of 1 channel,ES-
216.1 > 171.8
9.758e+004



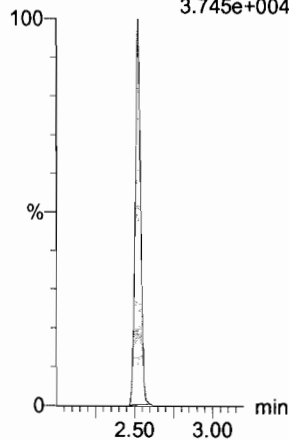
13C3-PFPeA

F5:MRM of 1 channel,ES-
266. > 221.8
2.716e+005



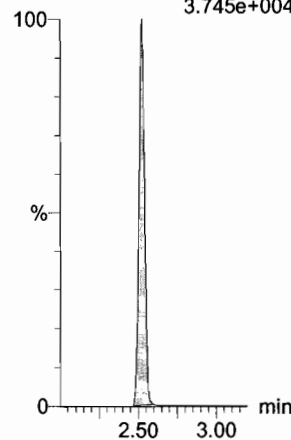
13C3-PFBS

F7:MRM of 1 channel,ES-
302. > 98.8
3.745e+004



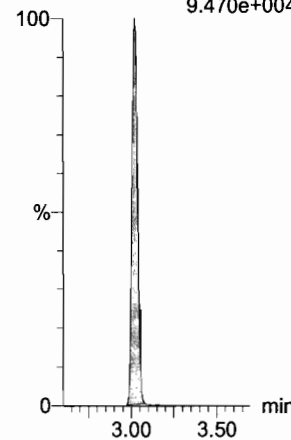
13C3-PFBS

F7:MRM of 1 channel,ES-
302. > 98.8
3.745e+004



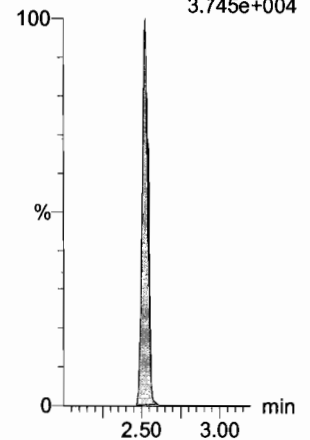
13C2-PFHxA

F9:MRM of 1 channel,ES-
315 > 269.8
9.470e+004



13C3-PFBS

F7:MRM of 1 channel,ES-
302. > 98.8
3.745e+004



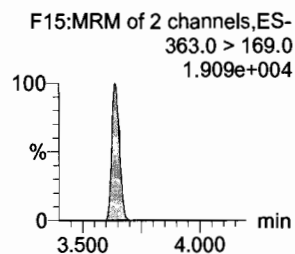
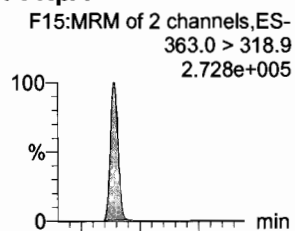
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Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

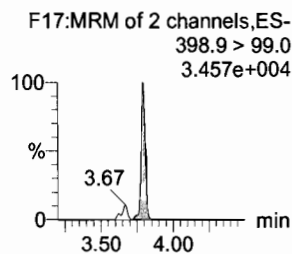
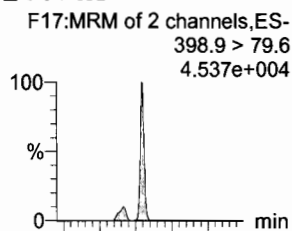
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Name: 180130M2_7, Date: 30-Jan-2018, Time: 12:42:05, ID: ST180130M2-6 PFC CS3 18A1909, Description: PFC CS3 18A1909

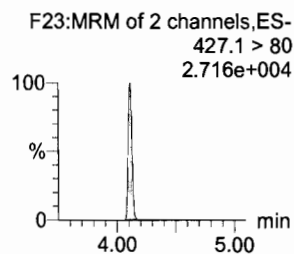
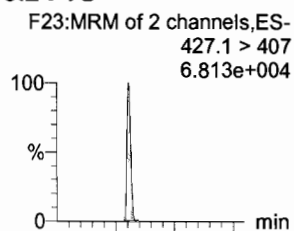
PFHpA



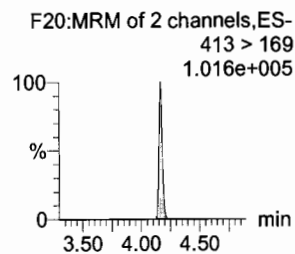
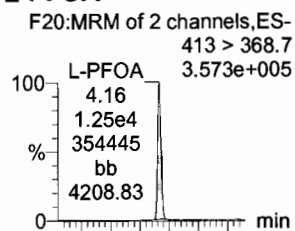
L-PFHxS



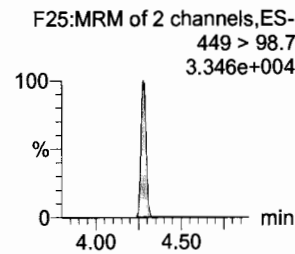
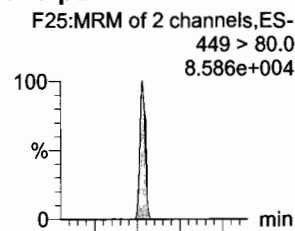
6:2 FTS



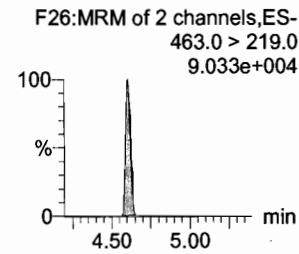
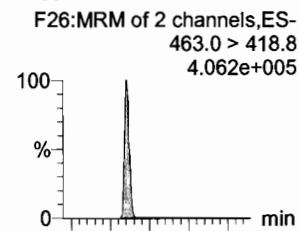
L-PFOA



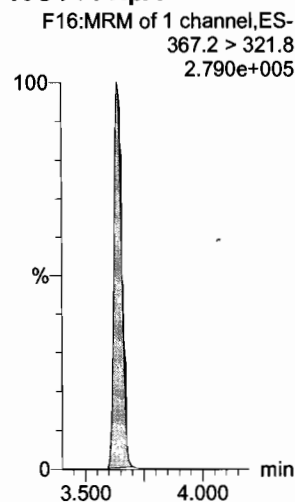
PFHpS



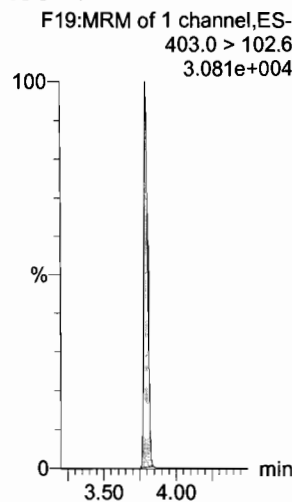
PFNA



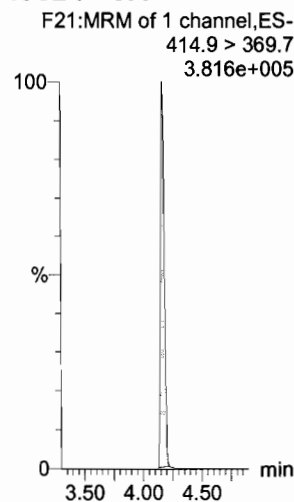
13C4-PFHpA



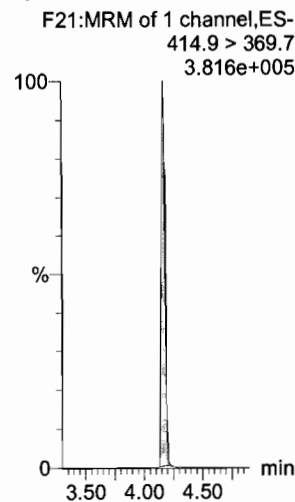
18O2-PFHxS



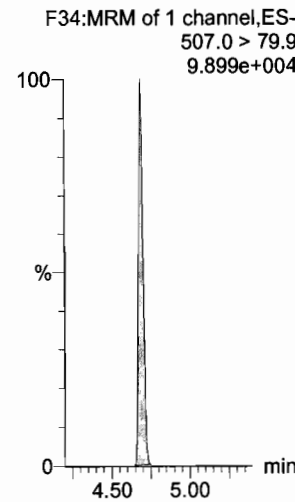
13C2-PFOA



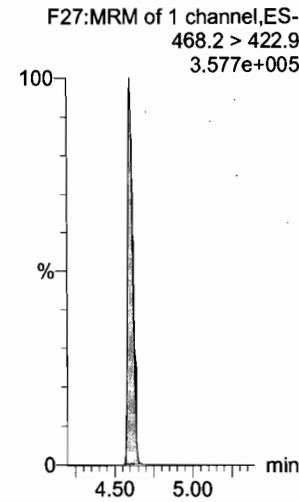
13C2-PFOA



13C8-PFOS



13C5-PFNA



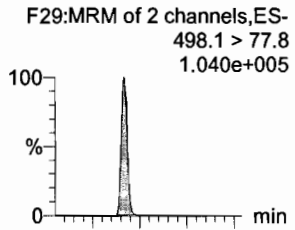
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Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

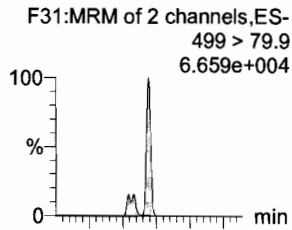
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Name: 180130M2_7, Date: 30-Jan-2018, Time: 12:42:05, ID: ST180130M2-6 PFC CS3 18A1909, Description: PFC CS3 18A1909

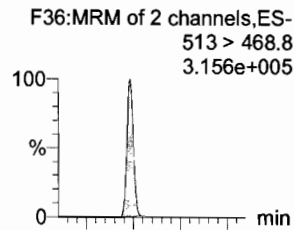
PFOSA



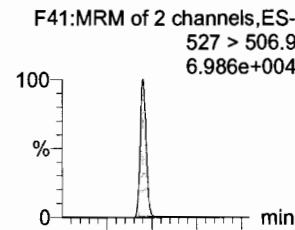
L-PFOS



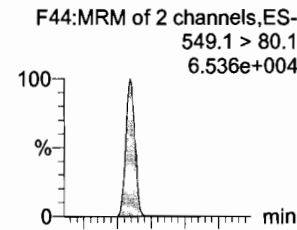
PFDA



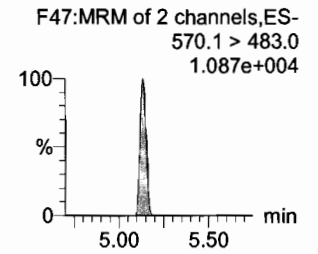
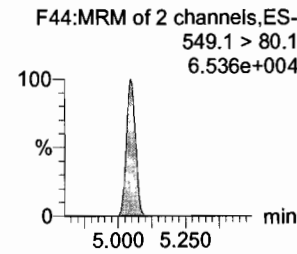
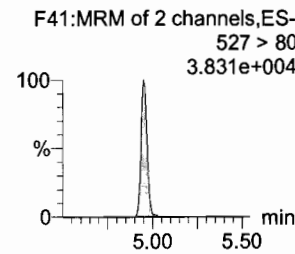
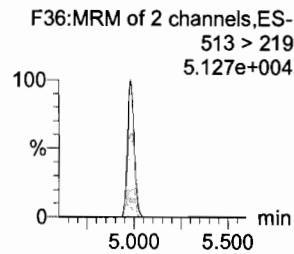
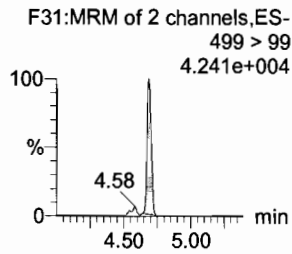
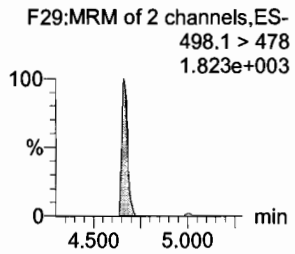
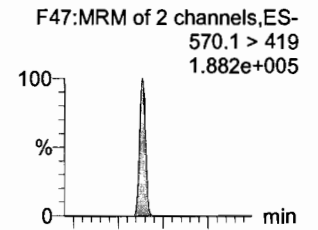
8:2 FTS



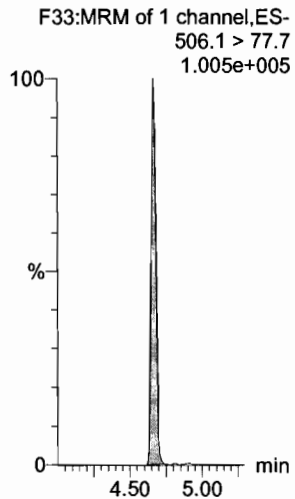
PFNS



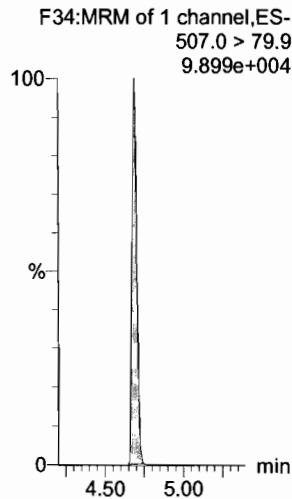
N-MeFOSAA



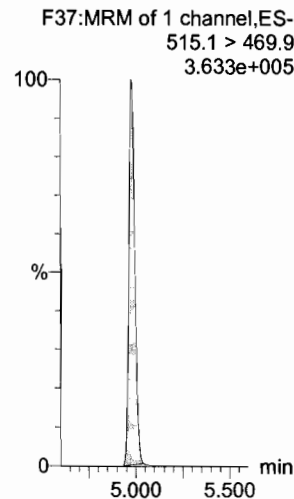
13C8-PFOSA



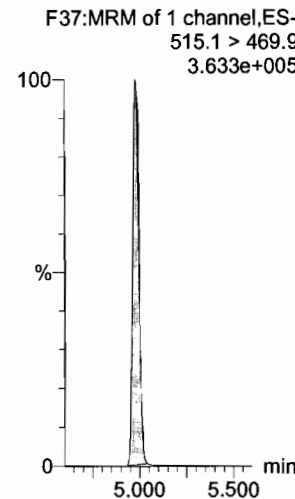
13C8-PFOS



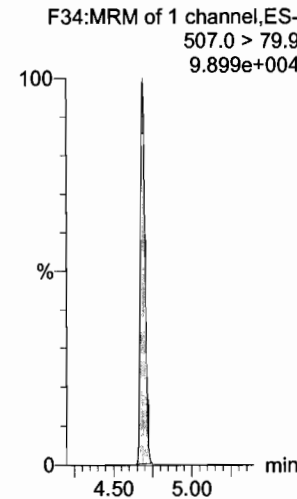
13C2-PFDA



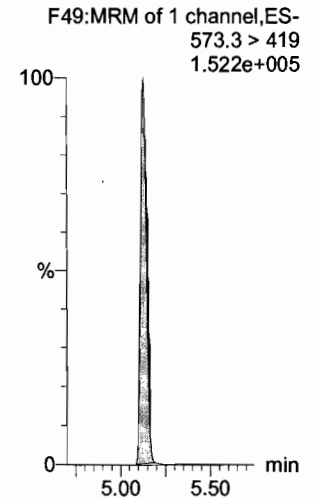
13C2-PFDA



13C8-PFOS



d3-N-MeFOSAA



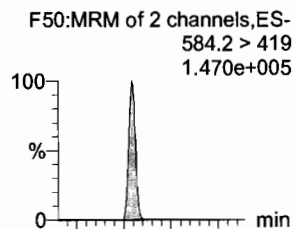
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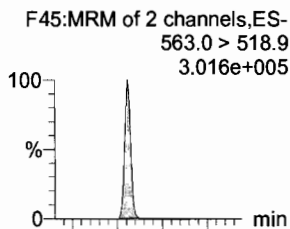
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Name: 180130M2_7, Date: 30-Jan-2018, Time: 12:42:05, ID: ST180130M2-6 PFC CS3 18A1909, Description: PFC CS3 18A1909

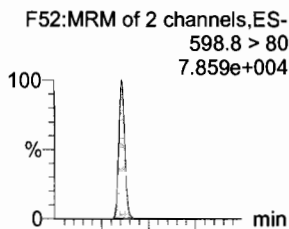
N-EtFOSAA



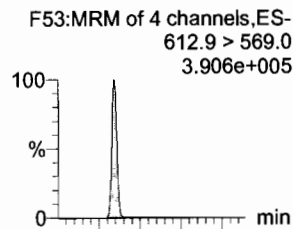
PFUdA



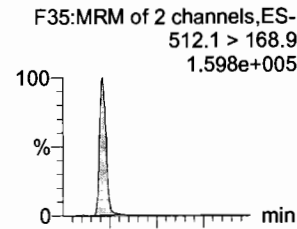
PFDS



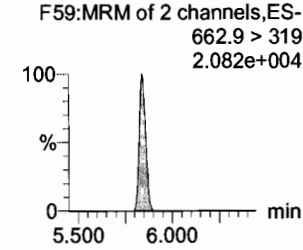
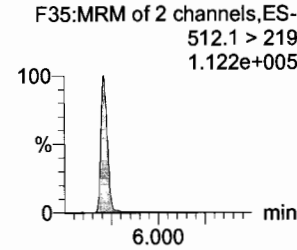
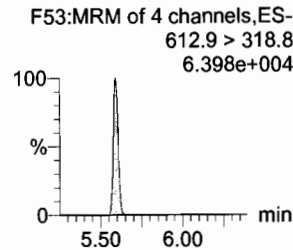
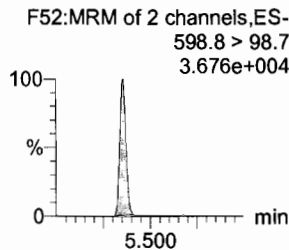
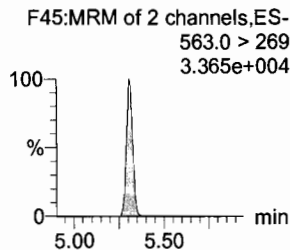
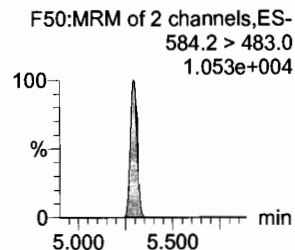
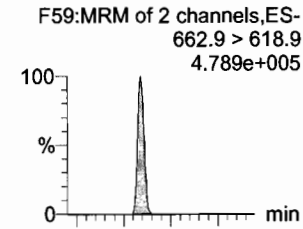
PFDoA



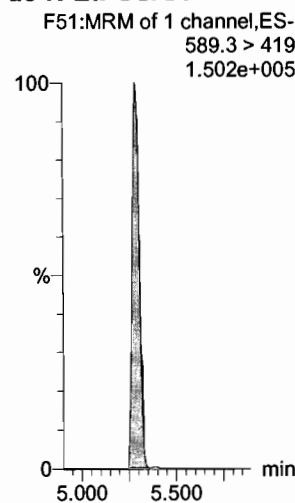
N-MeFOSA



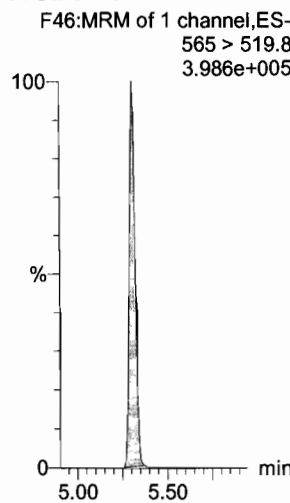
PFTrDA



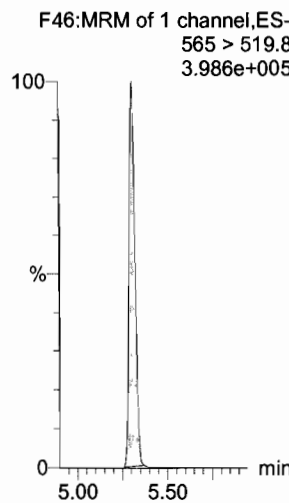
d5-N-EtFOSAA



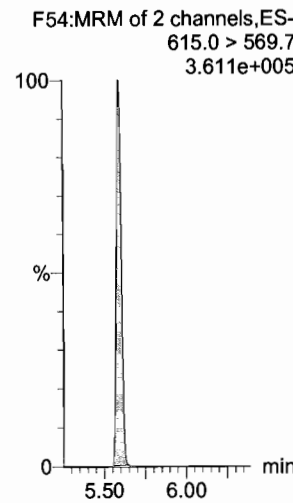
13C2-PFUdA



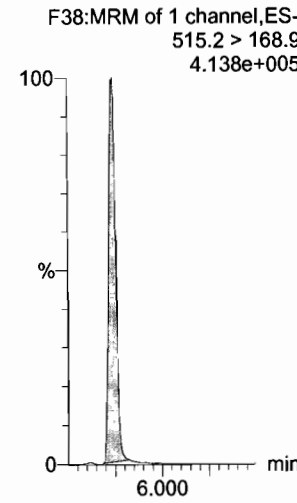
13C2-PFUdA



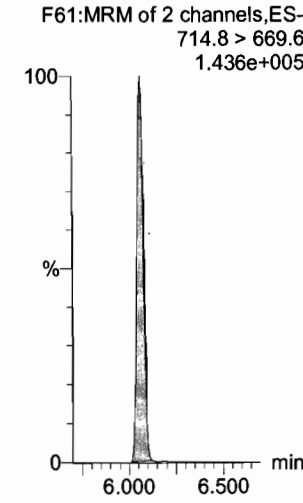
13C2-PFDoA



d3-N-MeFOSA



13C2-PFTeDA

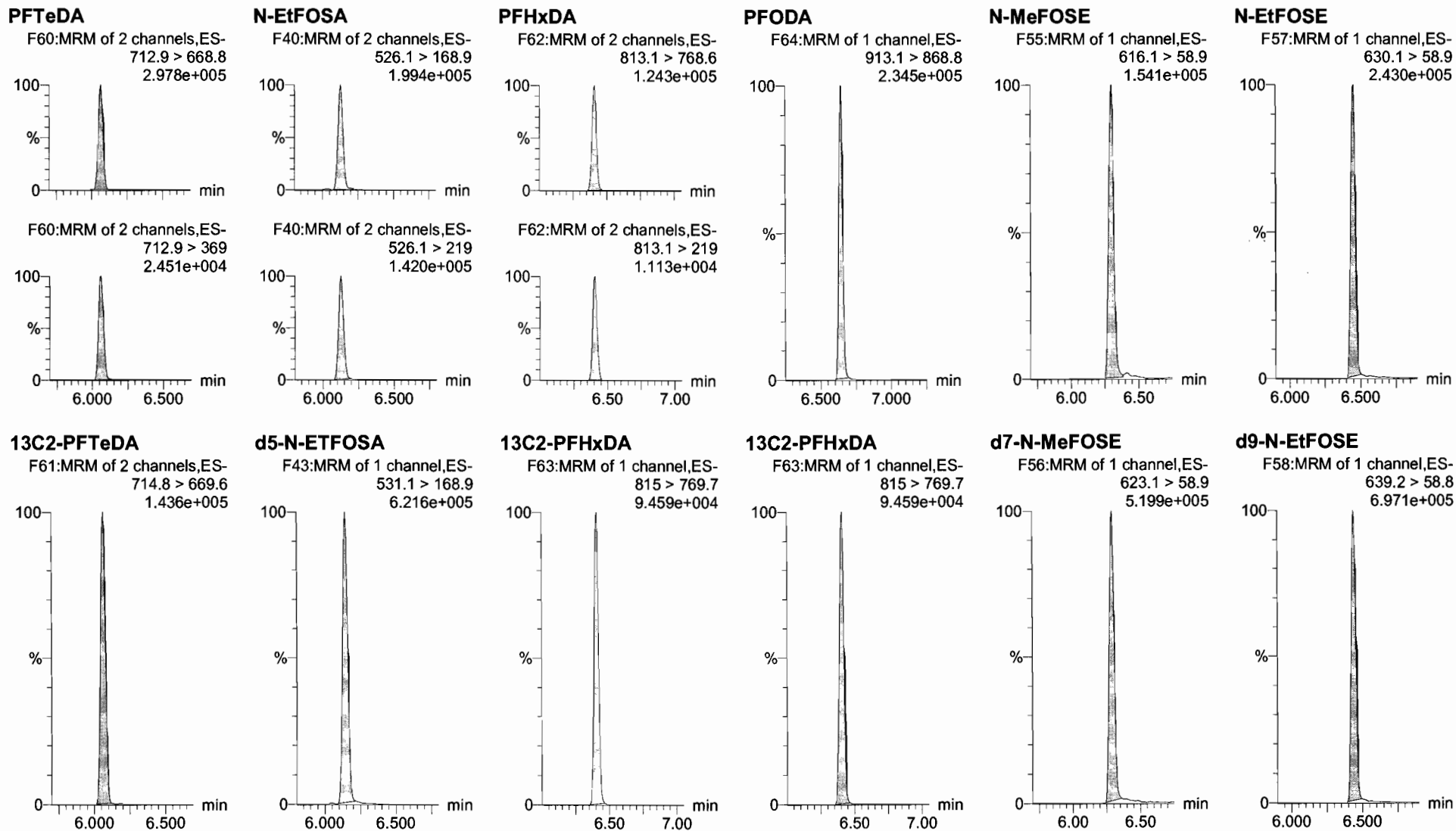


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Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_7, Date: 30-Jan-2018, Time: 12:42:05, ID: ST180130M2-6 PFC CS3 18A1909, Description: PFC CS3 18A1909



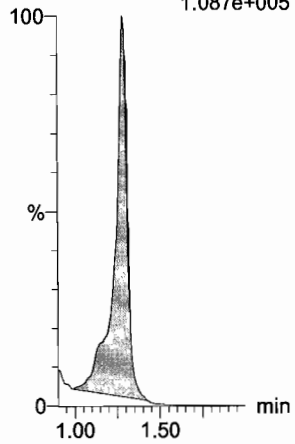
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Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_7, Date: 30-Jan-2018, Time: 12:42:05, ID: ST180130M2-6 PFC CS3 18A1909, Description: PFC CS3 18A1909

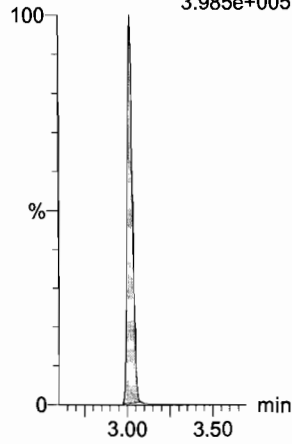
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.087e+005



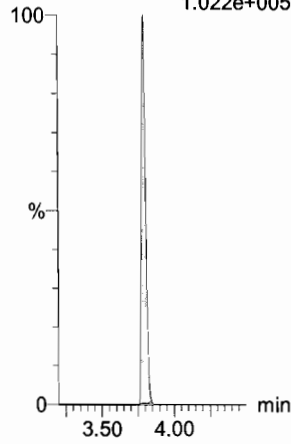
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
3.985e+005



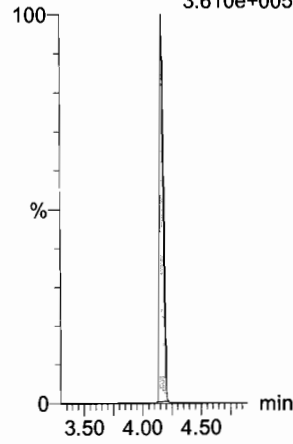
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
1.022e+005



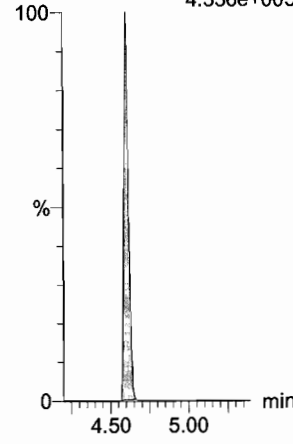
13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
3.610e+005



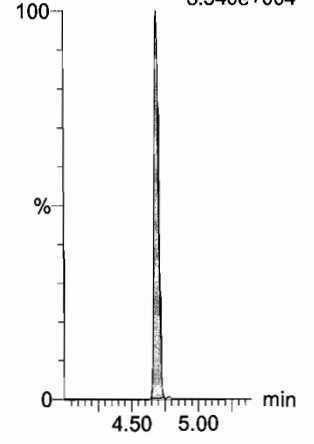
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
4.336e+005



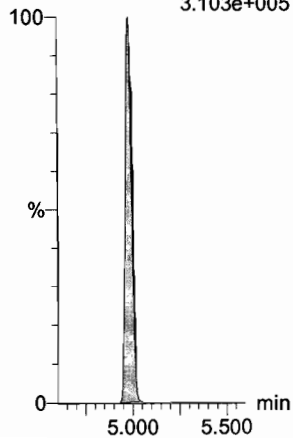
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
8.540e+004



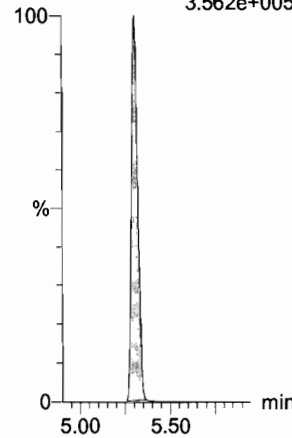
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
3.103e+005



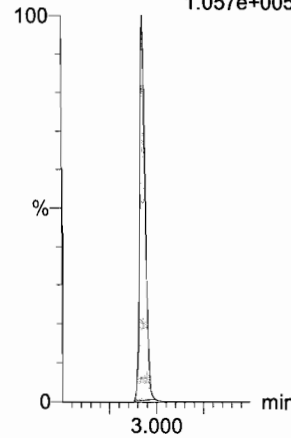
13C7-PFUDa

F48:MRM of 1 channel,ES-
570.1 > 524.8
3.562e+005



13C2-4:2 FTS

F12:MRM of 1 channel,ES-
329.2 > 308.9
1.057e+005



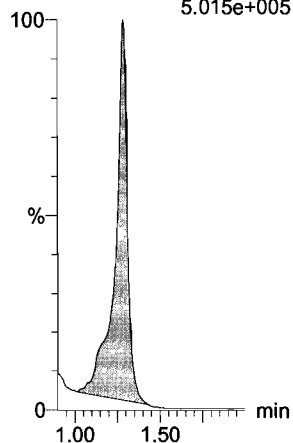
Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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Name: 180130M2_8, Date: 30-Jan-2018, Time: 12:53:35, ID: ST180130M2-7 PFC CS4 18A1910, Description: PFC CS4 18A1910

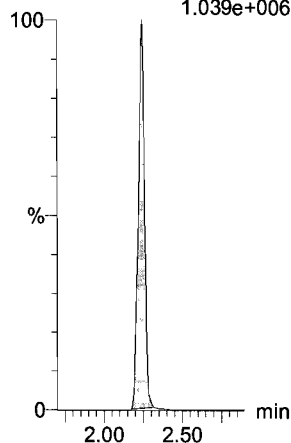
PFBA

F1:MRM of 1 channel,ES-
213.0 > 168.8
5.015e+005



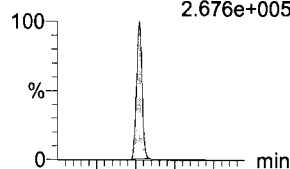
PFPeA

F4:MRM of 1 channel,ES-
263.1 > 218.9
1.039e+006

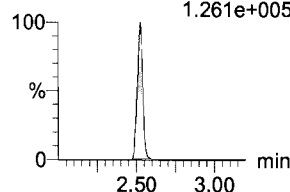


PFBS

F6:MRM of 2 channels,ES-
299.0 > 79.7
2.676e+005

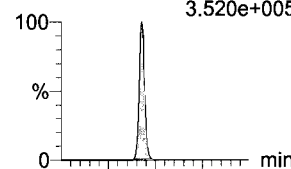


F6:MRM of 2 channels,ES-
299.0 > 99.0
1.261e+005

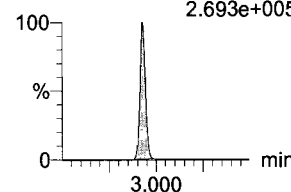


4:2 FTS

F11:MRM of 2 channels,ES-
327.2 > 307.2
3.520e+005

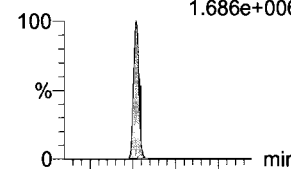


F11:MRM of 2 channels,ES-
327.2 > 81.1
2.693e+005

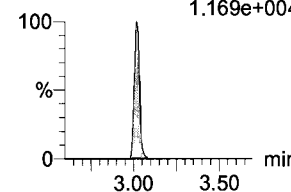


PFHxA

F8:MRM of 2 channels,ES-
313.2 > 268.9
1.686e+006

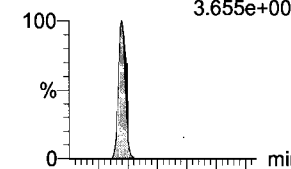


F8:MRM of 2 channels,ES-
313.2 > 119
1.169e+004

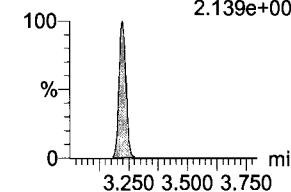


PFPeS

F14:MRM of 2 channels,ES-
349.1 > 80.1
3.655e+005

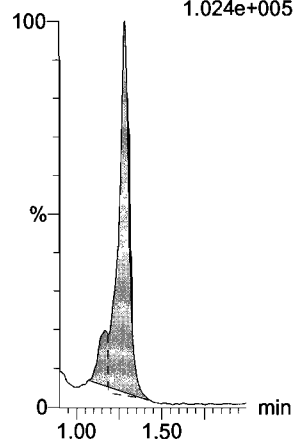


F14:MRM of 2 channels,ES-
349.1 > 99
2.139e+005



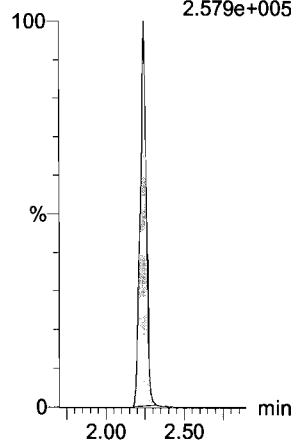
13C3-PFBA

F2:MRM of 1 channel,ES-
216.1 > 171.8
1.024e+005



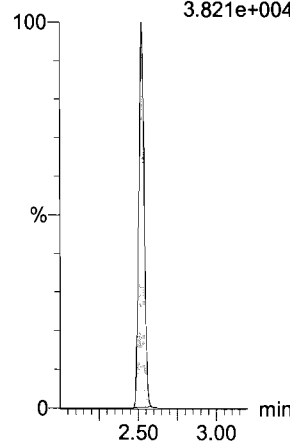
13C3-PFPeA

F5:MRM of 1 channel,ES-
266. > 221.8
2.579e+005



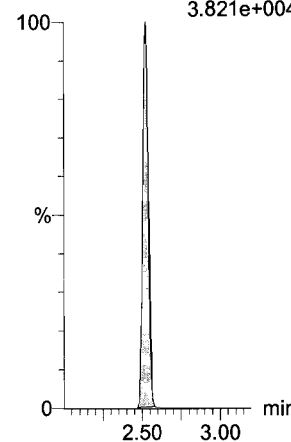
13C3-PFBS

F7:MRM of 1 channel,ES-
302. > 98.8
3.821e+004



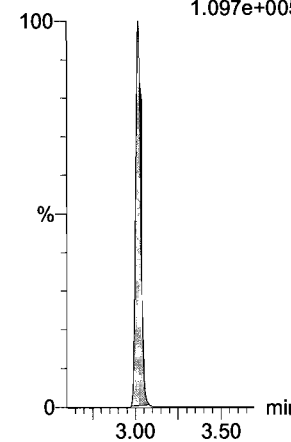
13C3-PFBS

F7:MRM of 1 channel,ES-
302. > 98.8
3.821e+004



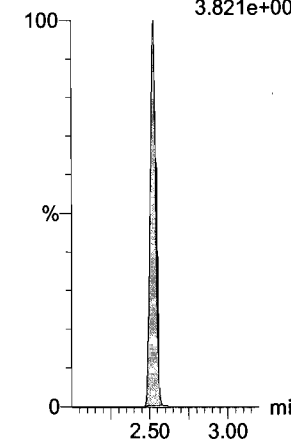
13C2-PFHxA

F9:MRM of 1 channel,ES-
315 > 269.8
1.097e+005



13C3-PFBS

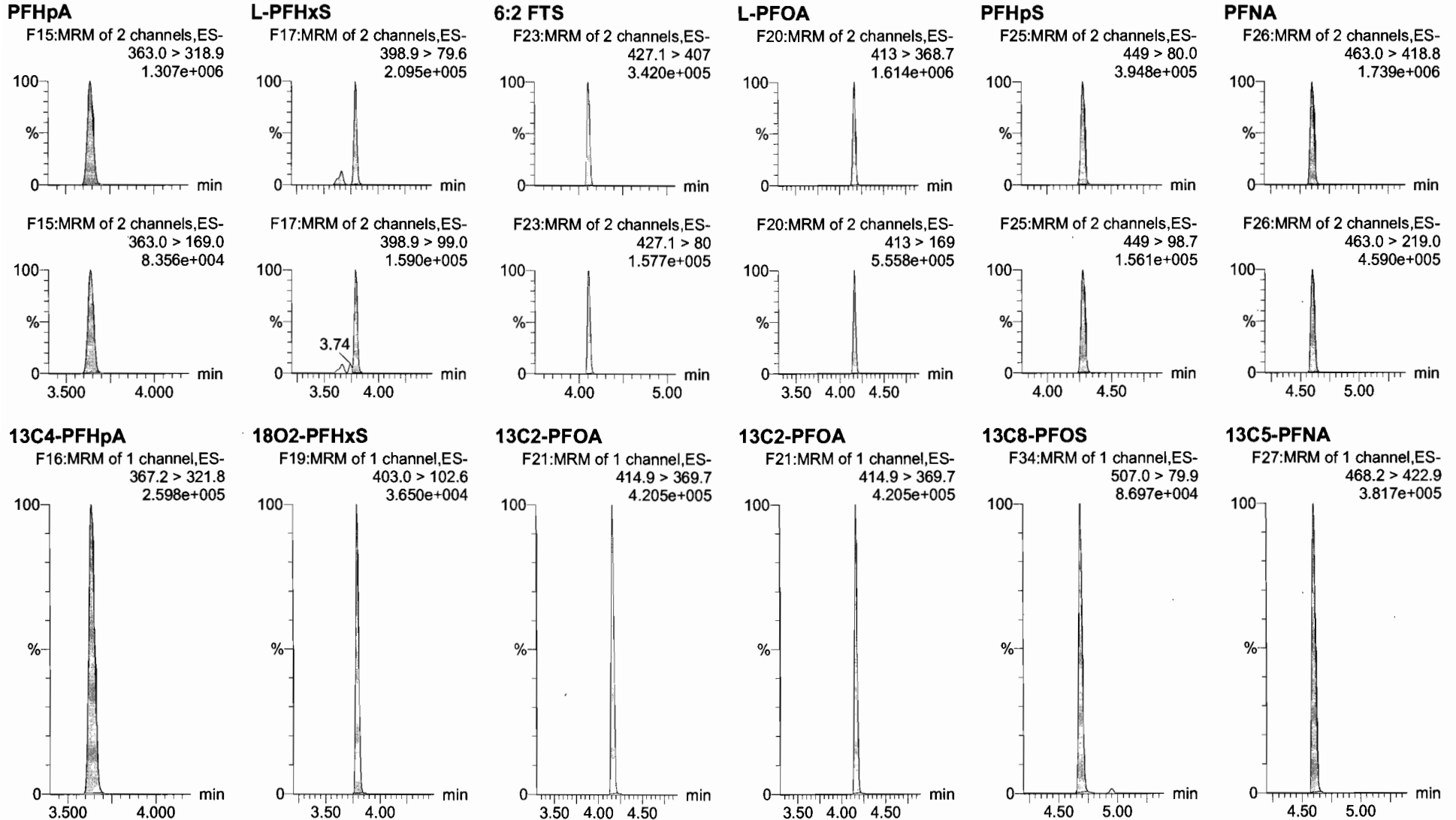
F7:MRM of 1 channel,ES-
302. > 98.8
3.821e+004



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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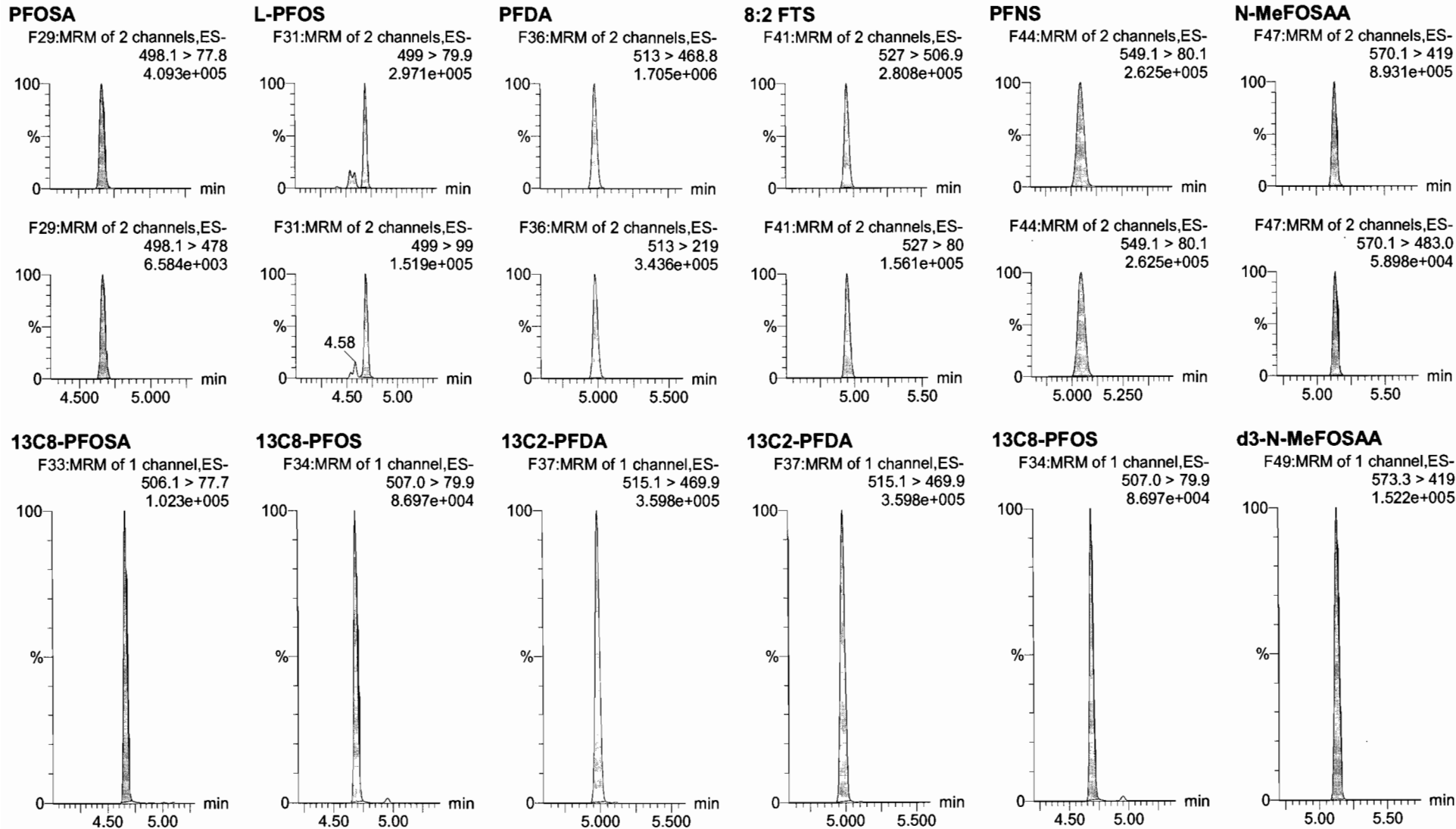
Name: 180130M2_8, Date: 30-Jan-2018, Time: 12:53:35, ID: ST180130M2-7 PFC CS4 18A1910, Description: PFC CS4 18A1910



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
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Name: 180130M2_8, Date: 30-Jan-2018, Time: 12:53:35, ID: ST180130M2-7 PFC CS4 18A1910, Description: PFC CS4 18A1910



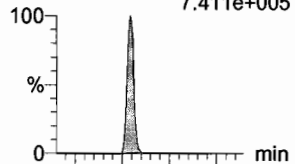
Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

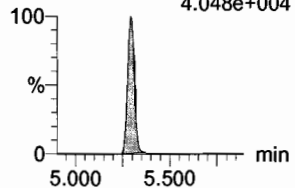
Name: 180130M2_8, Date: 30-Jan-2018, Time: 12:53:35, ID: ST180130M2-7 PFC CS4 18A1910, Description: PFC CS4 18A1910

N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
7.411e+005

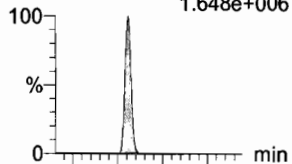


F50:MRM of 2 channels,ES-
584.2 > 483.0
4.048e+004

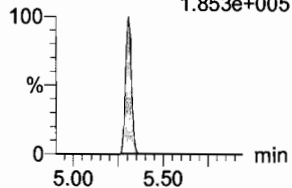


PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
1.648e+006

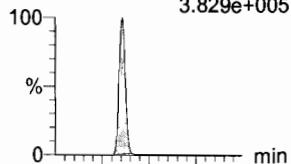


F45:MRM of 2 channels,ES-
563.0 > 269
1.853e+005

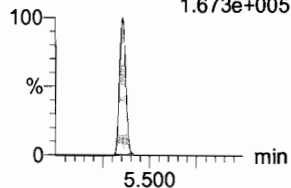


PFDS

F52:MRM of 2 channels,ES-
598.8 > 80
3.829e+005

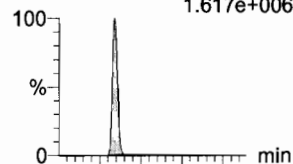


F52:MRM of 2 channels,ES-
598.8 > 98.7
1.673e+005

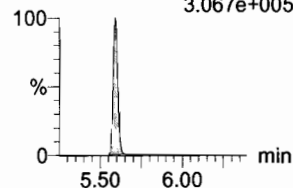


PFDoA

F53:MRM of 4 channels,ES-
612.9 > 569.0
1.617e+006

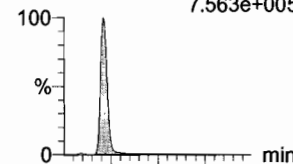


F53:MRM of 4 channels,ES-
612.9 > 318.8
3.067e+005

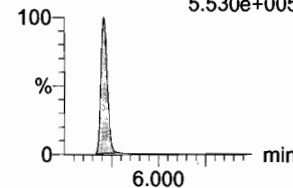


N-MeFOSA

F35:MRM of 2 channels,ES-
512.1 > 168.9
7.563e+005

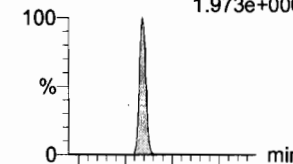


F35:MRM of 2 channels,ES-
512.1 > 219
5.530e+005

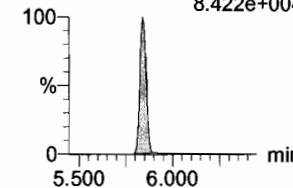


PFTrDA

F59:MRM of 2 channels,ES-
662.9 > 618.9
1.973e+006

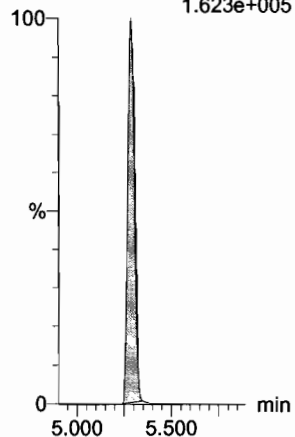


F59:MRM of 2 channels,ES-
662.9 > 319
8.422e+004



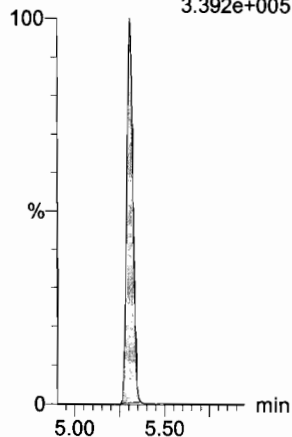
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
1.623e+005



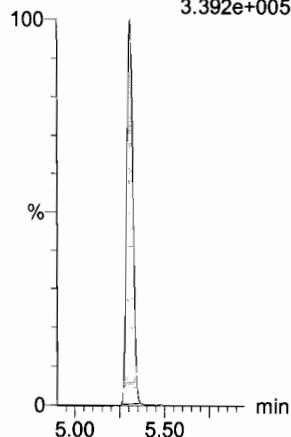
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.392e+005



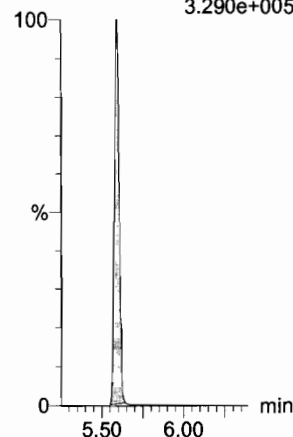
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.392e+005



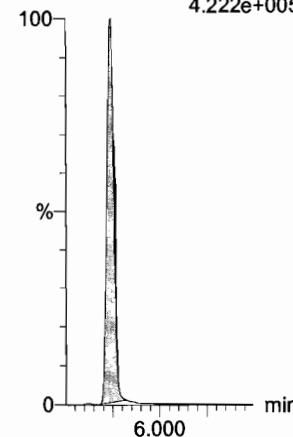
13C2-PFDoA

F54:MRM of 2 channels,ES-
615.0 > 569.7
3.290e+005



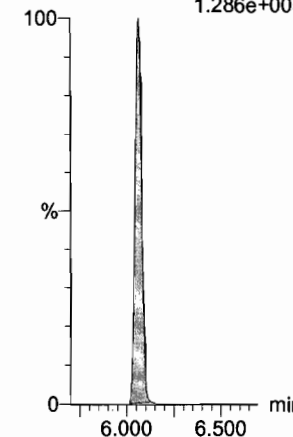
d3-N-MeFOSA

F38:MRM of 1 channel,ES-
515.2 > 168.9
4.222e+005



13C2-PFTeDA

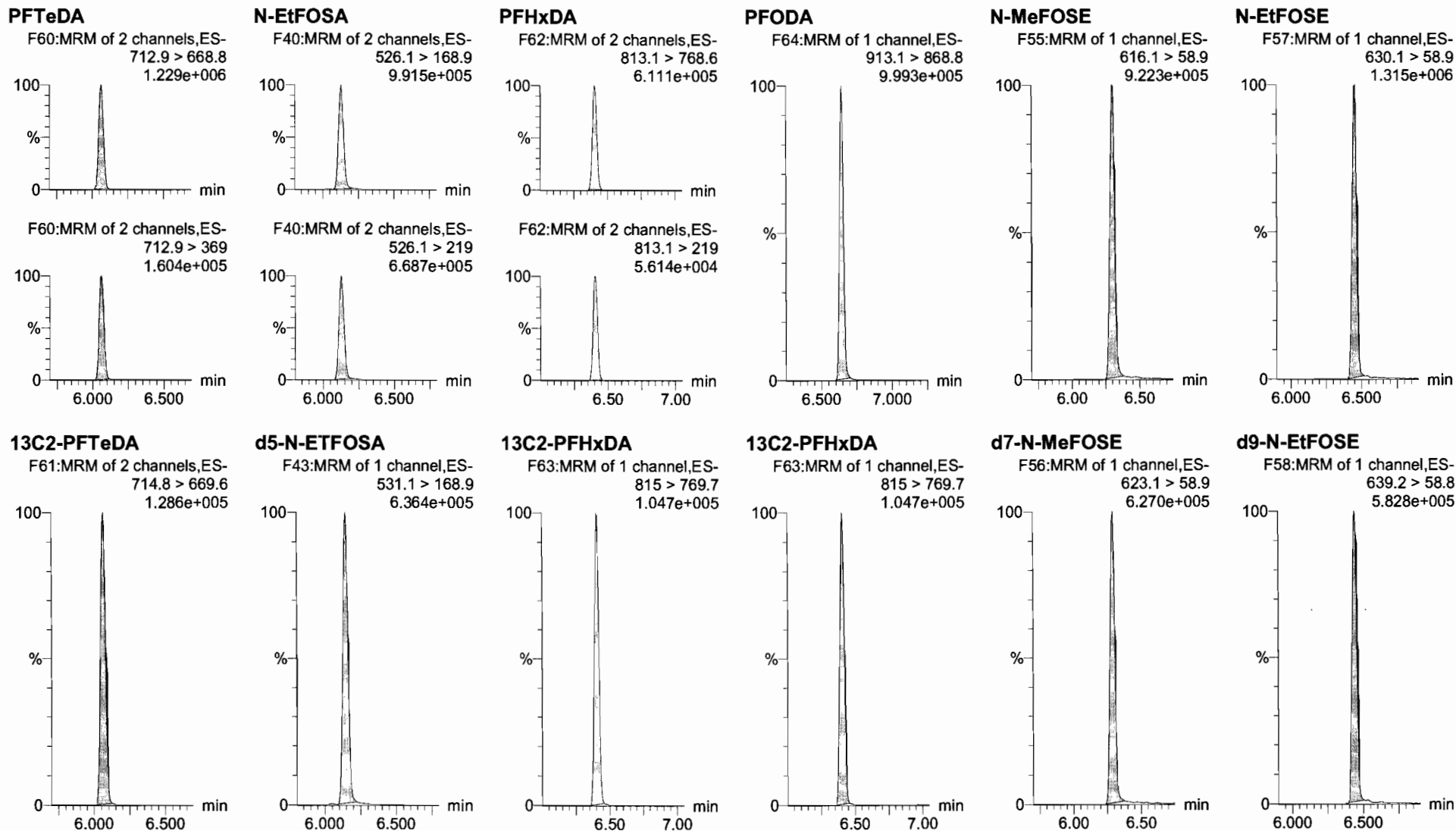
F61:MRM of 2 channels,ES-
714.8 > 669.6
1.286e+005



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Name: 180130M2_8, Date: 30-Jan-2018, Time: 12:53:35, ID: ST180130M2-7 PFC CS4 18A1910, Description: PFC CS4 18A1910



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

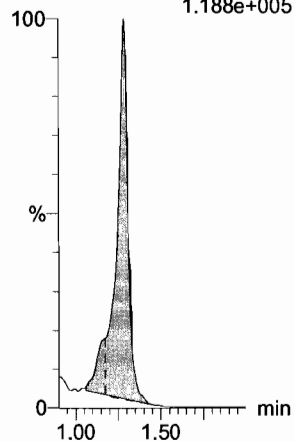
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_8, Date: 30-Jan-2018, Time: 12:53:35, ID: ST180130M2-7 PFC CS4 18A1910, Description: PFC CS4 18A1910

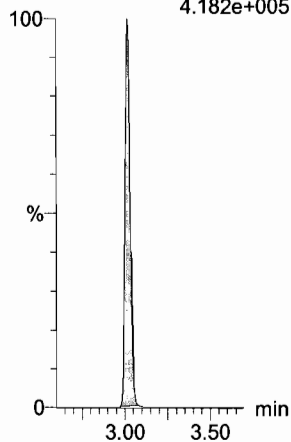
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.188e+005



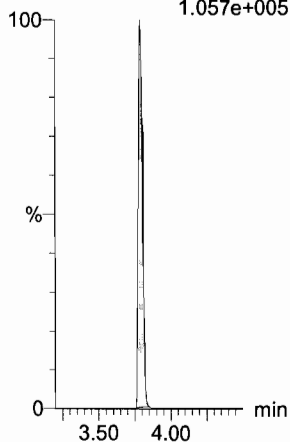
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
4.182e+005



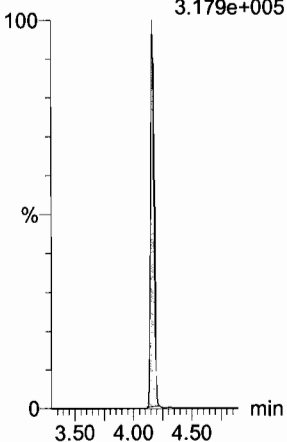
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
1.057e+005



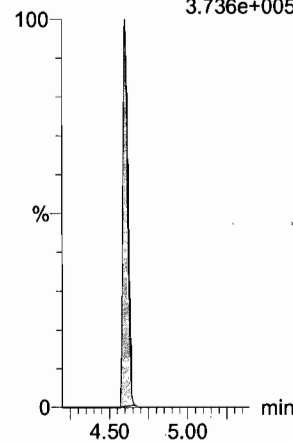
13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
3.179e+005



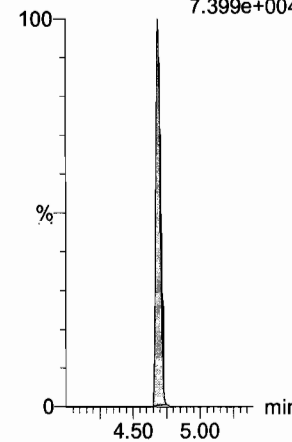
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
3.736e+005



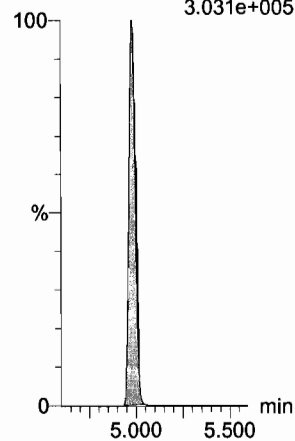
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
7.399e+004



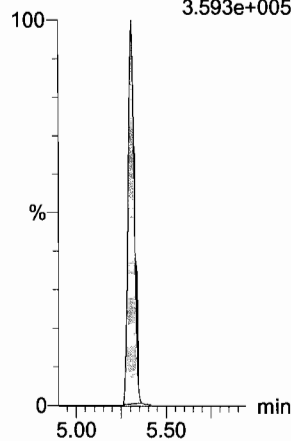
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
3.031e+005



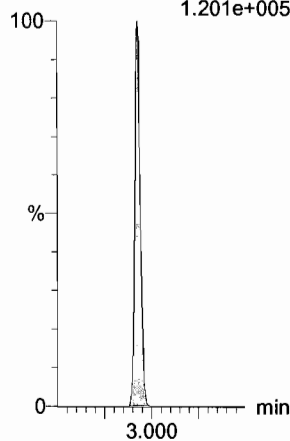
13C7-PFuDA

F48:MRM of 1 channel,ES-
570.1 > 524.8
3.593e+005



13C2-4:2 FTS

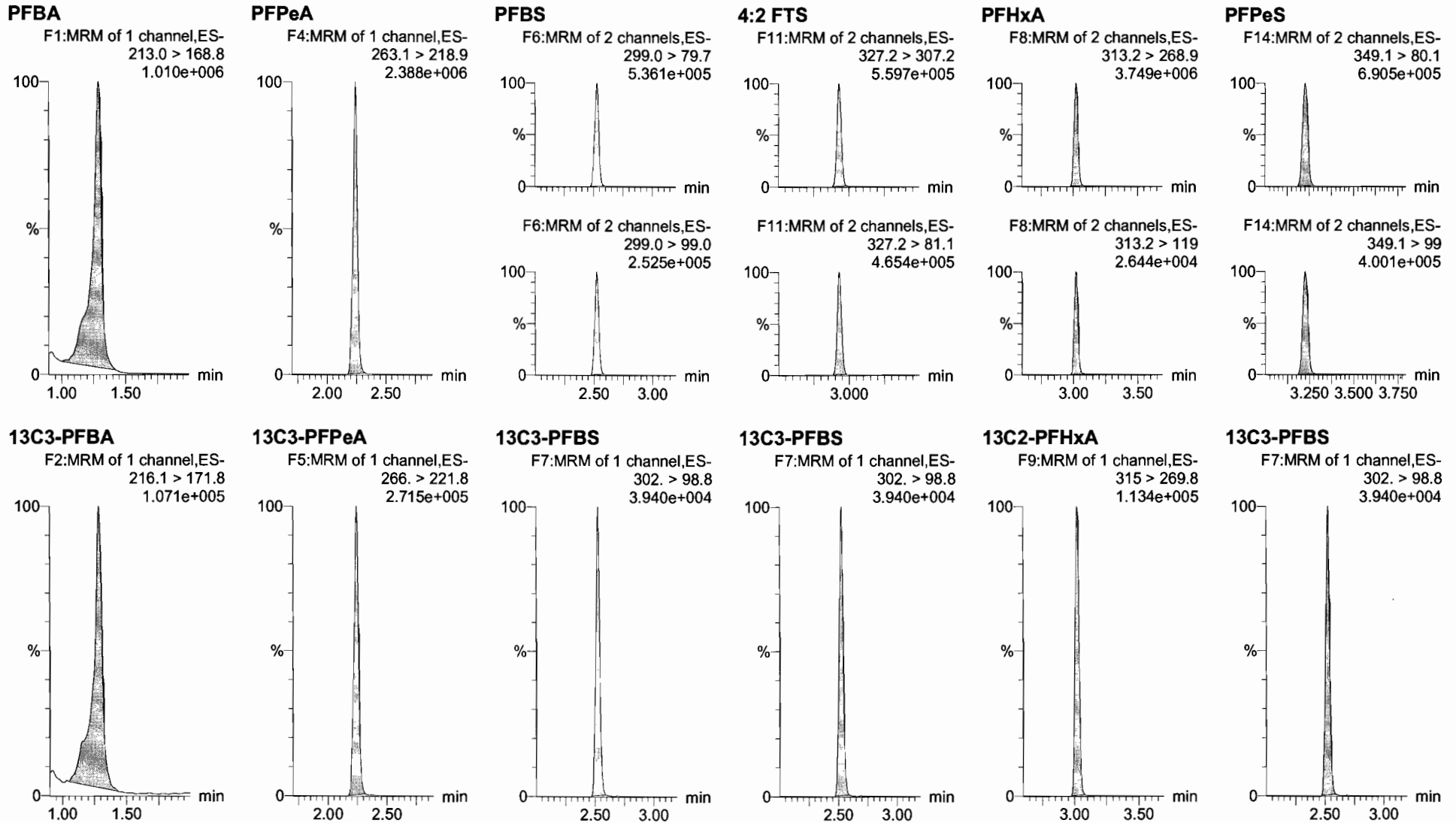
F12:MRM of 1 channel,ES-
329.2 > 308.9
1.201e+005



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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Name: 180130M2_9, Date: 30-Jan-2018, Time: 13:05:04, ID: ST180130M2-8 PFC CS5 18A1911, Description: PFC CS5 18A1911



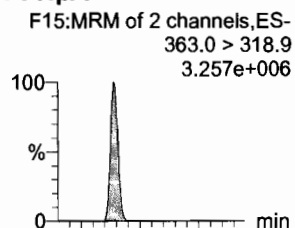
Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

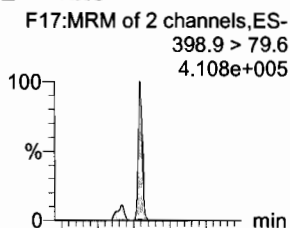
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_9, Date: 30-Jan-2018, Time: 13:05:04, ID: ST180130M2-8 PFC CS5 18A1911, Description: PFC CS5 18A1911

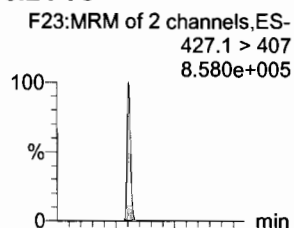
PFHpA



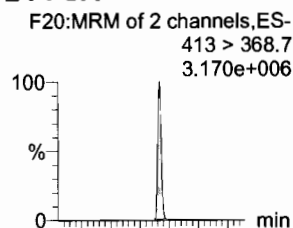
L-PFHxS



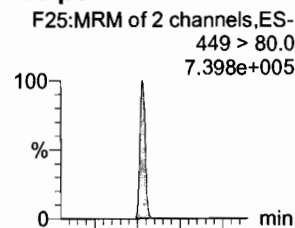
6:2 FTS



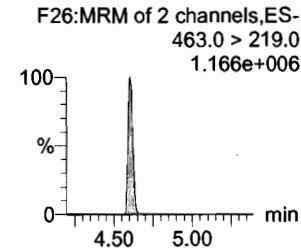
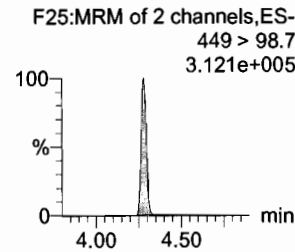
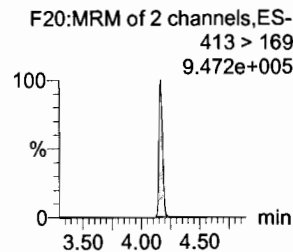
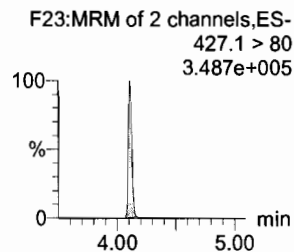
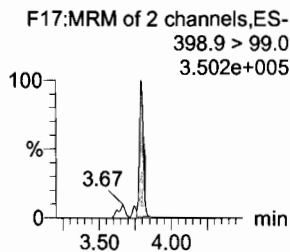
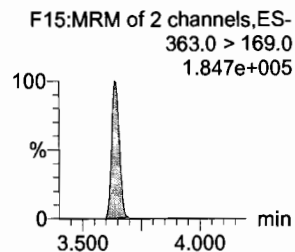
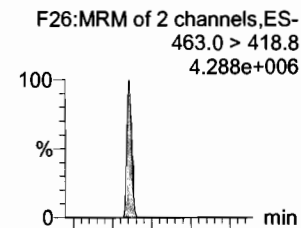
L-PFOA



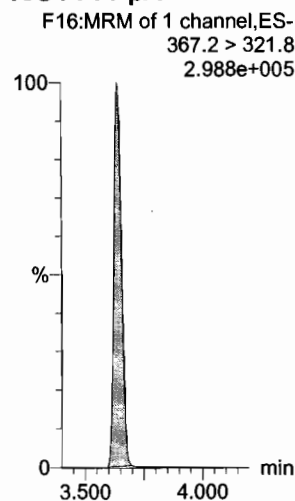
PFHpS



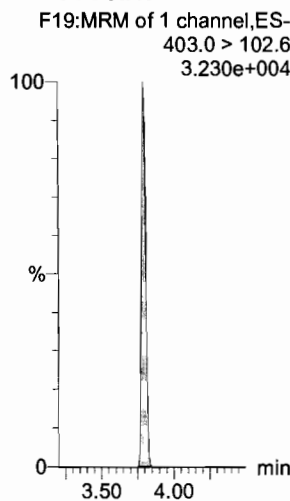
PFNA



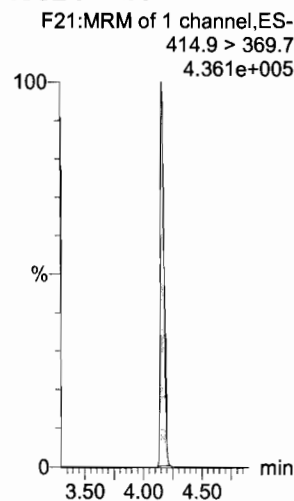
13C4-PFHpA



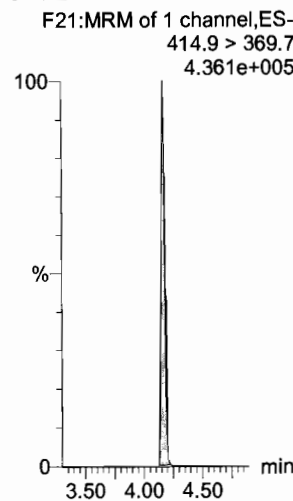
18O2-PFHxS



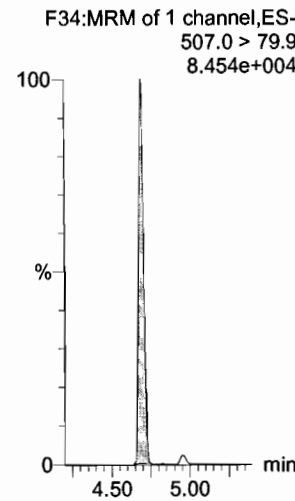
13C2-PFOA



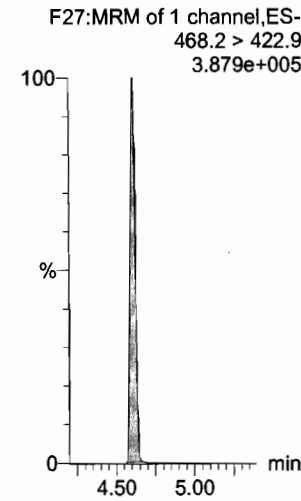
13C2-PFOA



13C8-PFOS



13C5-PFNA

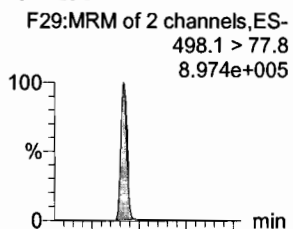


Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

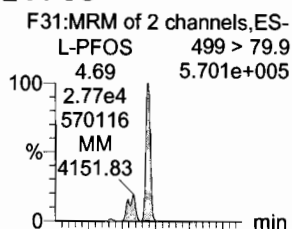
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_9, Date: 30-Jan-2018, Time: 13:05:04, ID: ST180130M2-8 PFC CS5 18A1911, Description: PFC CS5 18A1911

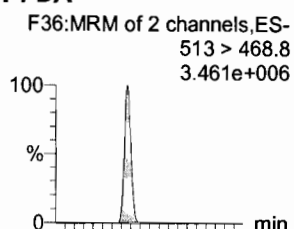
PFOSA



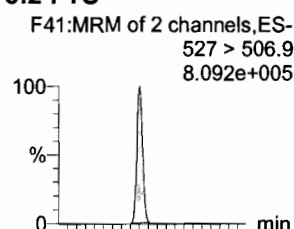
L-PFOS



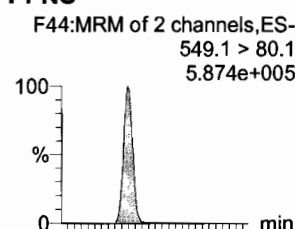
PFDA



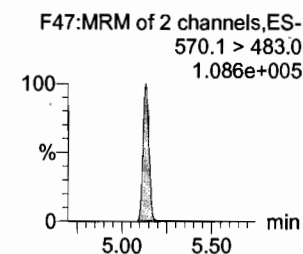
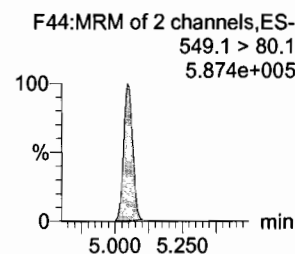
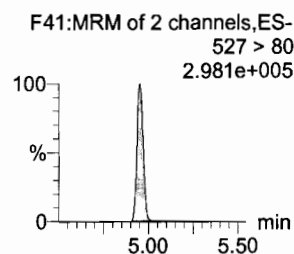
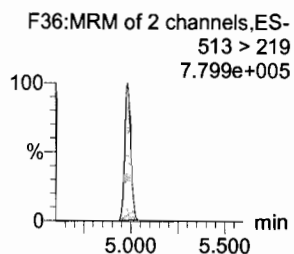
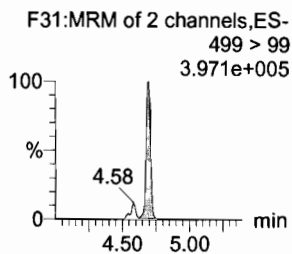
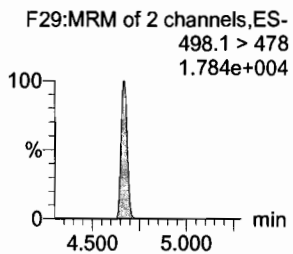
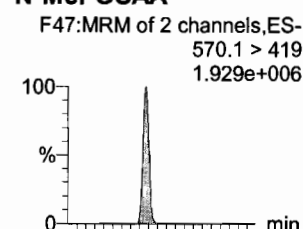
8:2 FTS



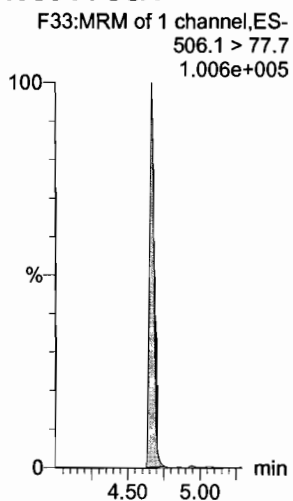
PFNS



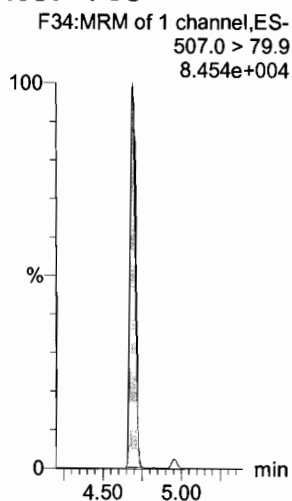
N-MeFOSAA



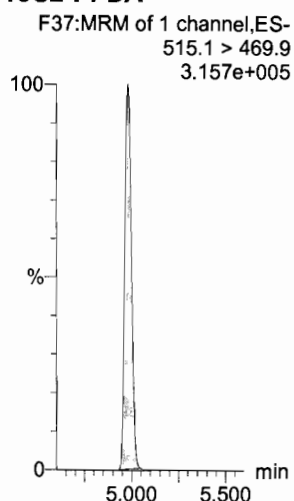
13C8-PFOSA



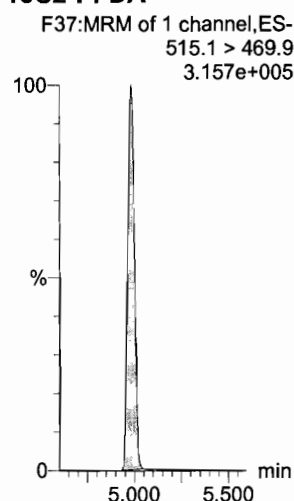
13C8-PFOS



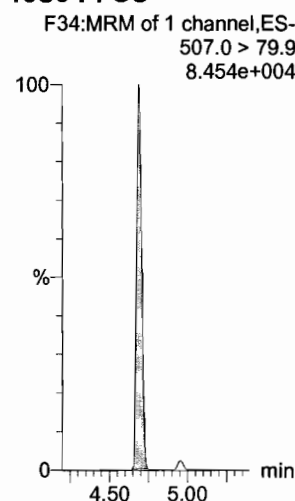
13C2-PFDA



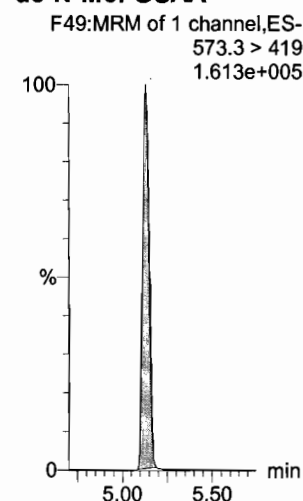
13C2-PFDA



13C8-PFOS



d3-N-MeFOSAA



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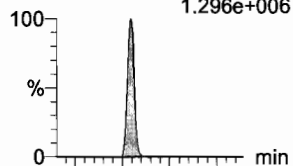
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Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

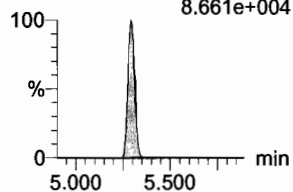
Name: 180130M2_9, Date: 30-Jan-2018, Time: 13:05:04, ID: ST180130M2-8 PFC CS5 18A1911, Description: PFC CS5 18A1911

N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
1.296e+006

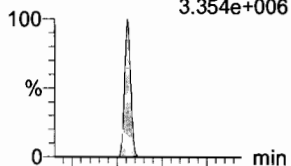


F50:MRM of 2 channels,ES-
584.2 > 483.0
8.661e+004

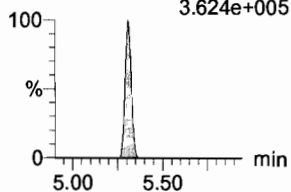


PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
3.354e+006

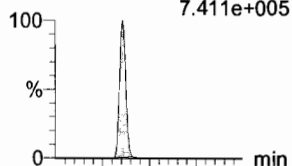


F45:MRM of 2 channels,ES-
563.0 > 269
3.624e+005

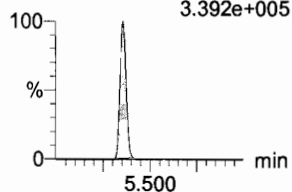


PFDS

F52:MRM of 2 channels,ES-
598.8 > 80
7.411e+005

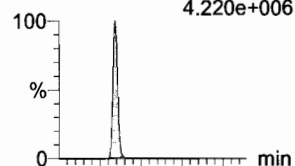


F52:MRM of 2 channels,ES-
598.8 > 98.7
3.392e+005

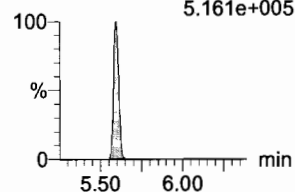


PFDoA

F53:MRM of 4 channels,ES-
612.9 > 569.0
4.220e+006

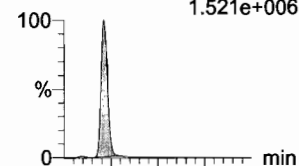


F53:MRM of 4 channels,ES-
612.9 > 318.8
5.161e+005

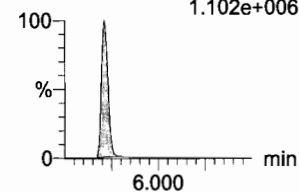


N-MeFOSA

F35:MRM of 2 channels,ES-
512.1 > 168.9
1.521e+006

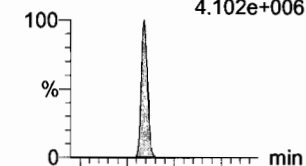


F35:MRM of 2 channels,ES-
512.1 > 219
1.102e+006

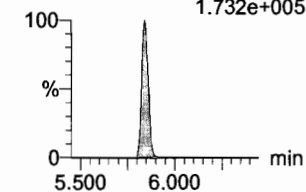


PFTrDA

F59:MRM of 2 channels,ES-
662.9 > 618.9
4.102e+006

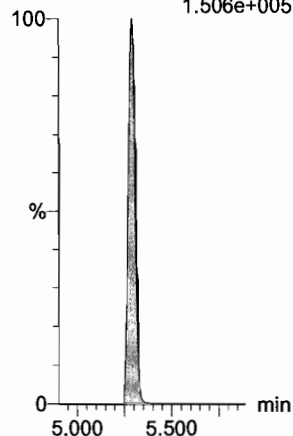


F59:MRM of 2 channels,ES-
662.9 > 319
1.732e+005



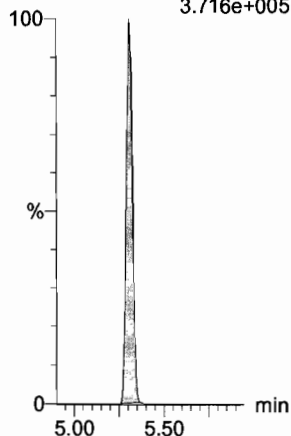
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
1.506e+005



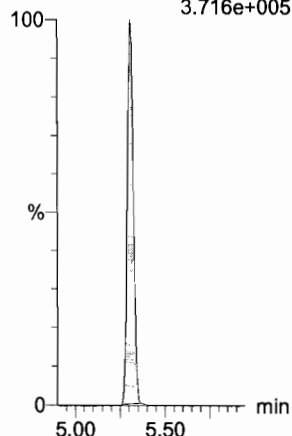
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.716e+005



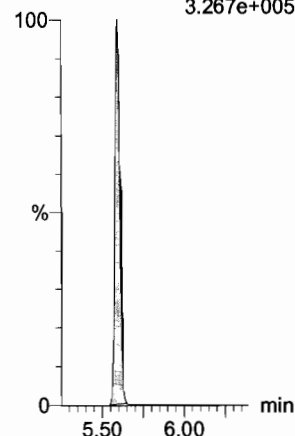
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.716e+005



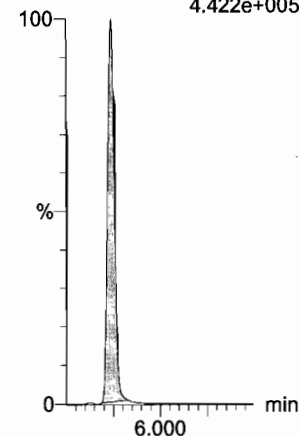
13C2-PFDoA

F54:MRM of 2 channels,ES-
615.0 > 569.7
3.267e+005



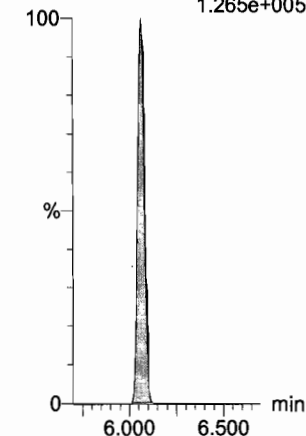
d3-N-MeFOSA

F38:MRM of 1 channel,ES-
515.2 > 168.9
4.422e+005



13C2-PFTeDA

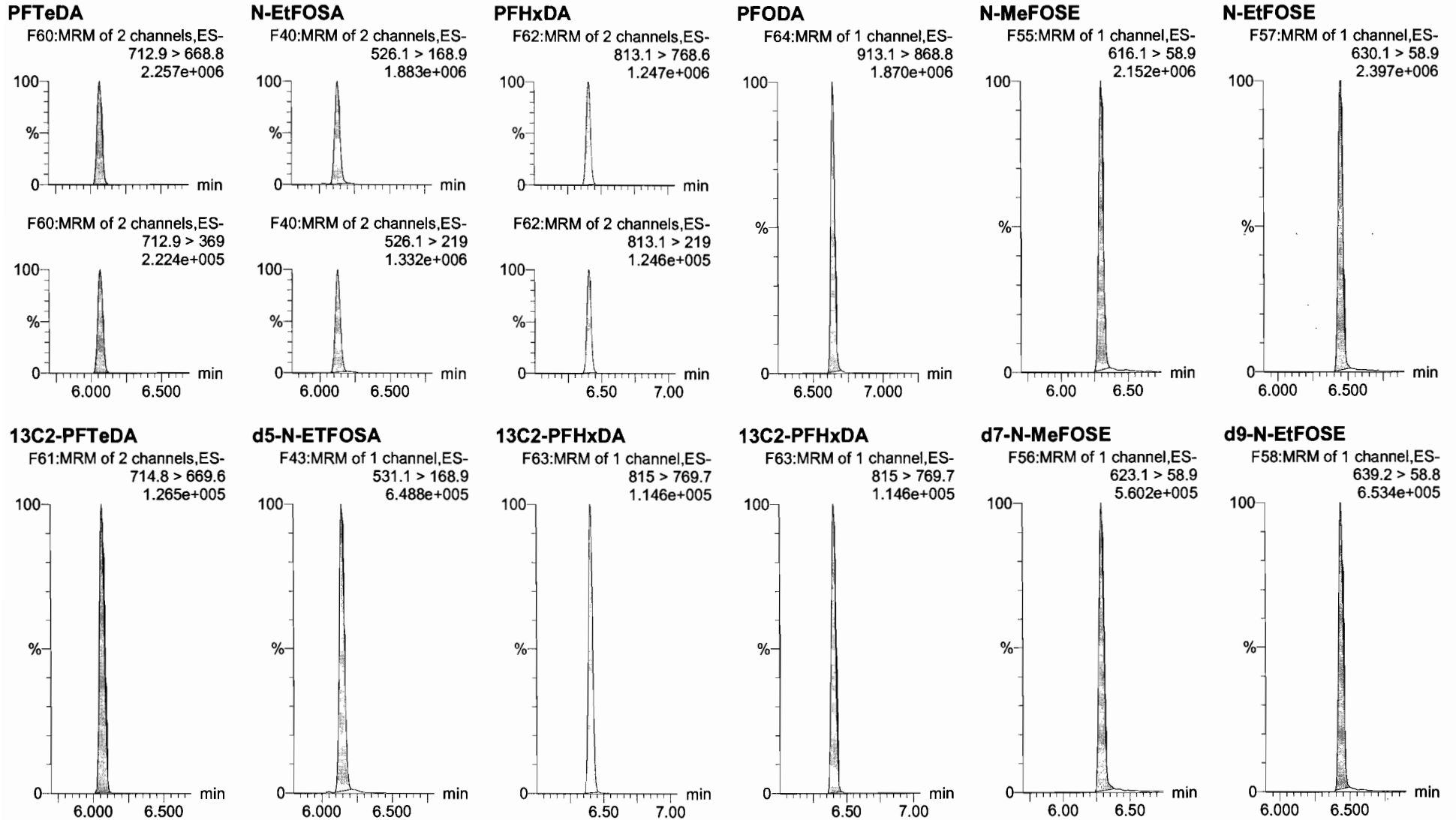
F61:MRM of 2 channels,ES-
714.8 > 669.6
1.265e+005



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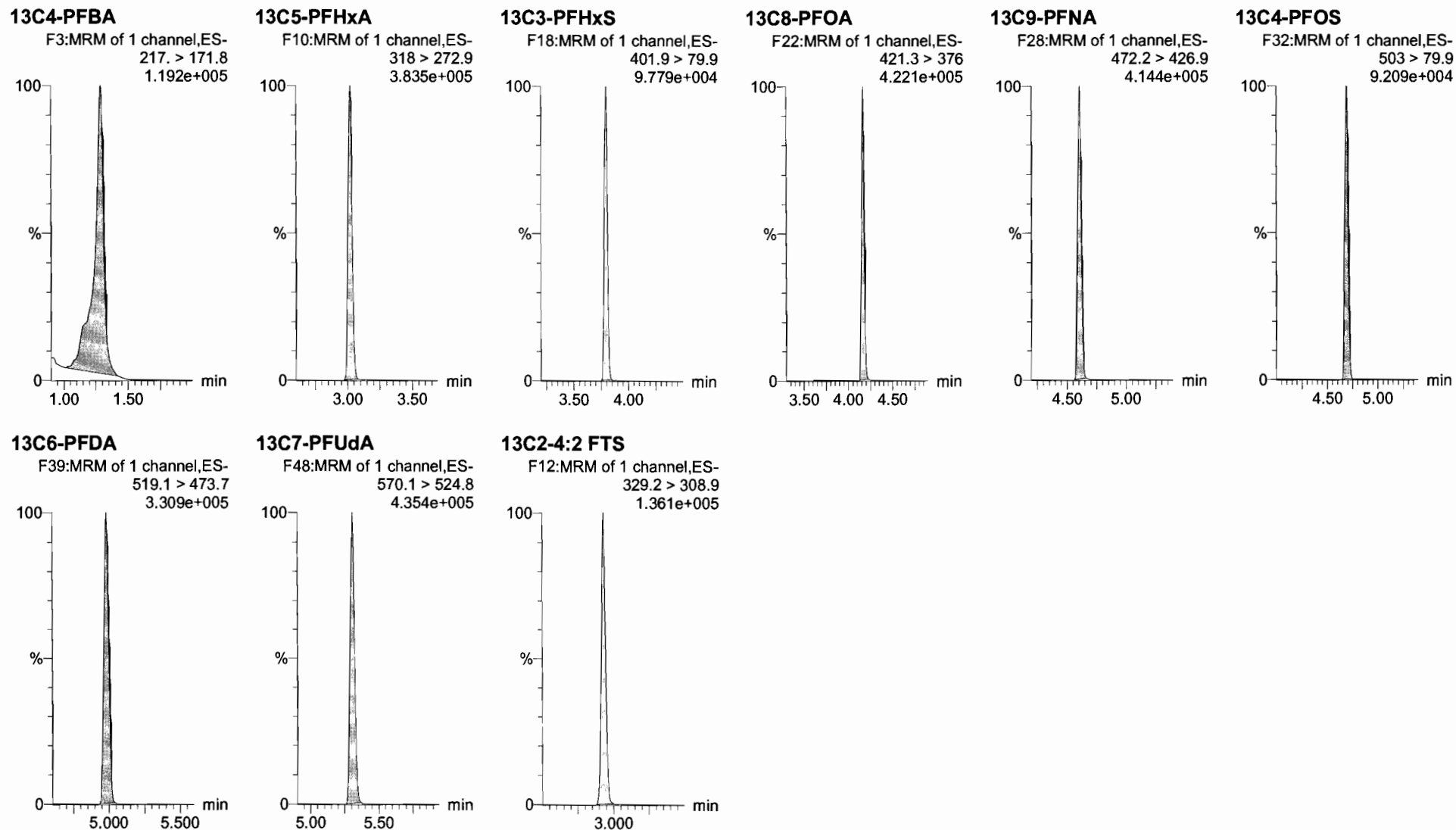
Name: 180130M2_9, Date: 30-Jan-2018, Time: 13:05:04, ID: ST180130M2-8 PFC CS5 18A1911, Description: PFC CS5 18A1911



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
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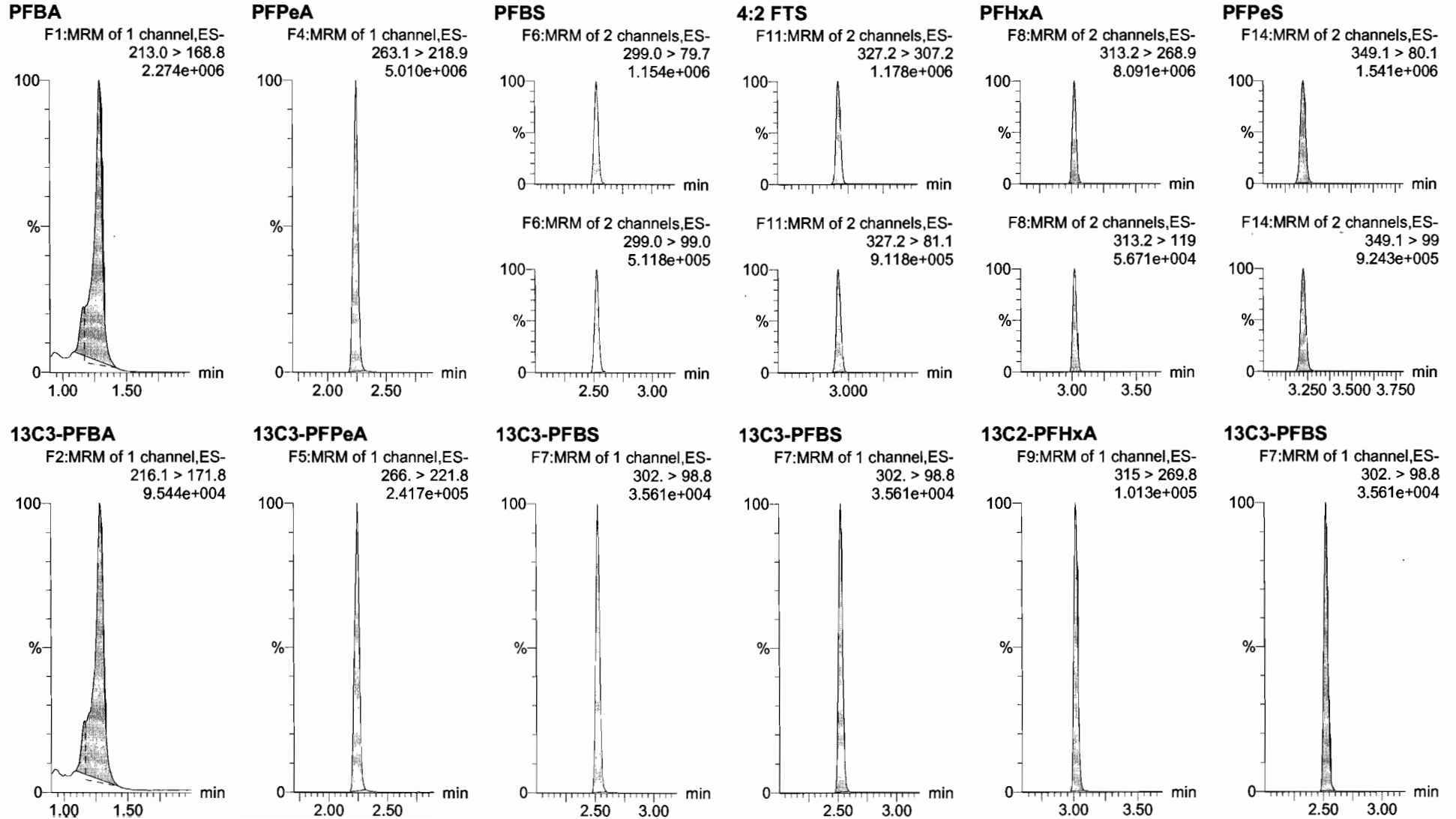
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Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_10, Date: 30-Jan-2018, Time: 13:16:34, ID: ST180130M2-9 PFC CS6 18A2403, Description: PFC CS6 18A2403



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

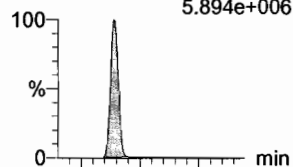
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Name: 180130M2_10, Date: 30-Jan-2018, Time: 13:16:34, ID: ST180130M2-9 PFC CS6 18A2403, Description: PFC CS6 18A2403

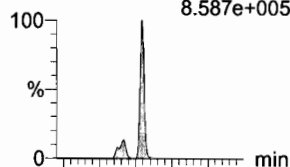
PFHpA

F15:MRM of 2 channels,ES-
363.0 > 318.9
5.894e+006



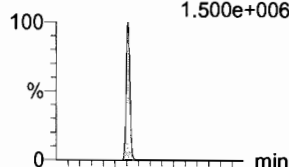
L-PFHxS

F17:MRM of 2 channels,ES-
398.9 > 79.6
8.587e+005



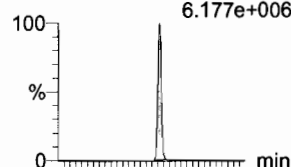
6:2 FTS

F23:MRM of 2 channels,ES-
427.1 > 407
1.500e+006



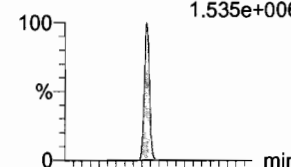
L-PFOA

F20:MRM of 2 channels,ES-
413 > 368.7
6.177e+006



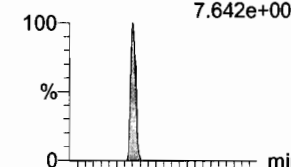
PFHpS

F25:MRM of 2 channels,ES-
449 > 80.0
1.535e+006

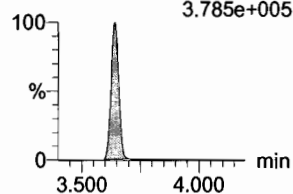


PFNA

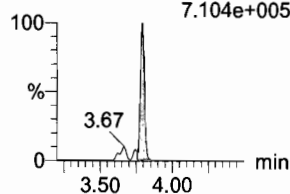
F26:MRM of 2 channels,ES-
463.0 > 418.8
7.642e+006



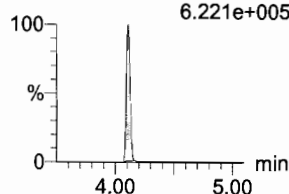
F15:MRM of 2 channels,ES-
363.0 > 169.0
3.785e+005



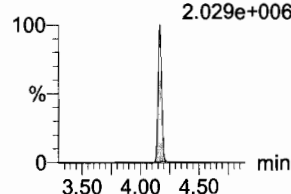
F17:MRM of 2 channels,ES-
398.9 > 99.0
7.104e+005



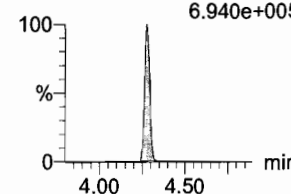
F23:MRM of 2 channels,ES-
427.1 > 80
6.221e+005



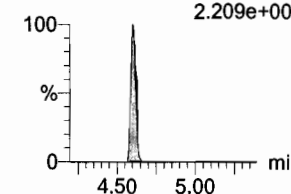
F20:MRM of 2 channels,ES-
413 > 169
2.029e+006



F25:MRM of 2 channels,ES-
449 > 98.7
6.940e+005

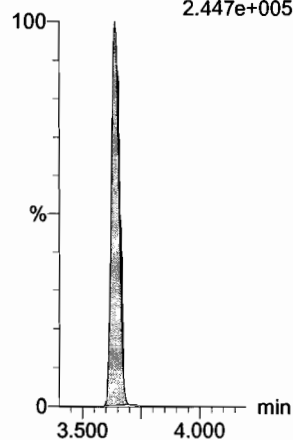


F26:MRM of 2 channels,ES-
463.0 > 219.0
2.209e+006



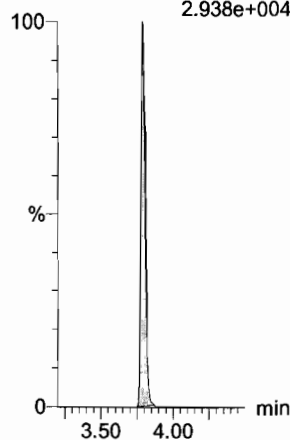
13C4-PFHpA

F16:MRM of 1 channel,ES-
367.2 > 321.8
2.447e+005



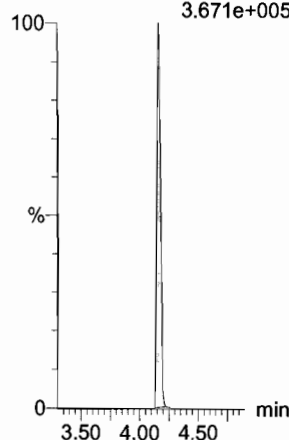
18O2-PFHxS

F19:MRM of 1 channel,ES-
403.0 > 102.6
2.938e+004



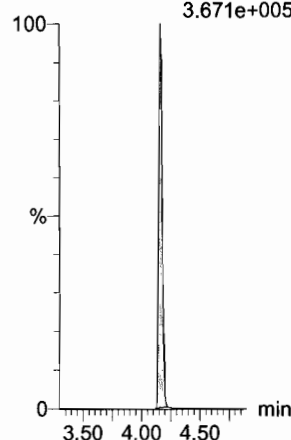
13C2-PFOA

F21:MRM of 1 channel,ES-
414.9 > 369.7
3.671e+005



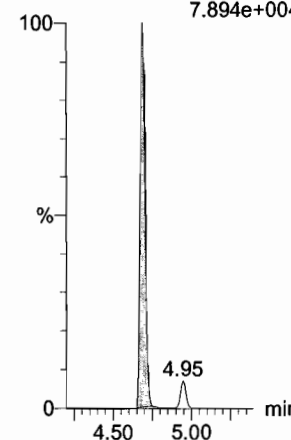
13C2-PFOA

F21:MRM of 1 channel,ES-
414.9 > 369.7
3.671e+005



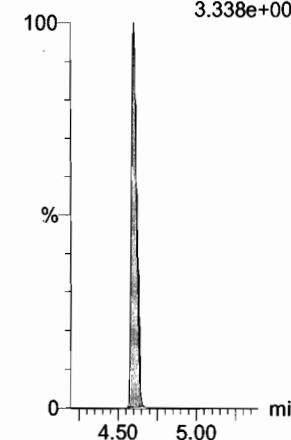
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9
7.894e+004



13C5-PFNA

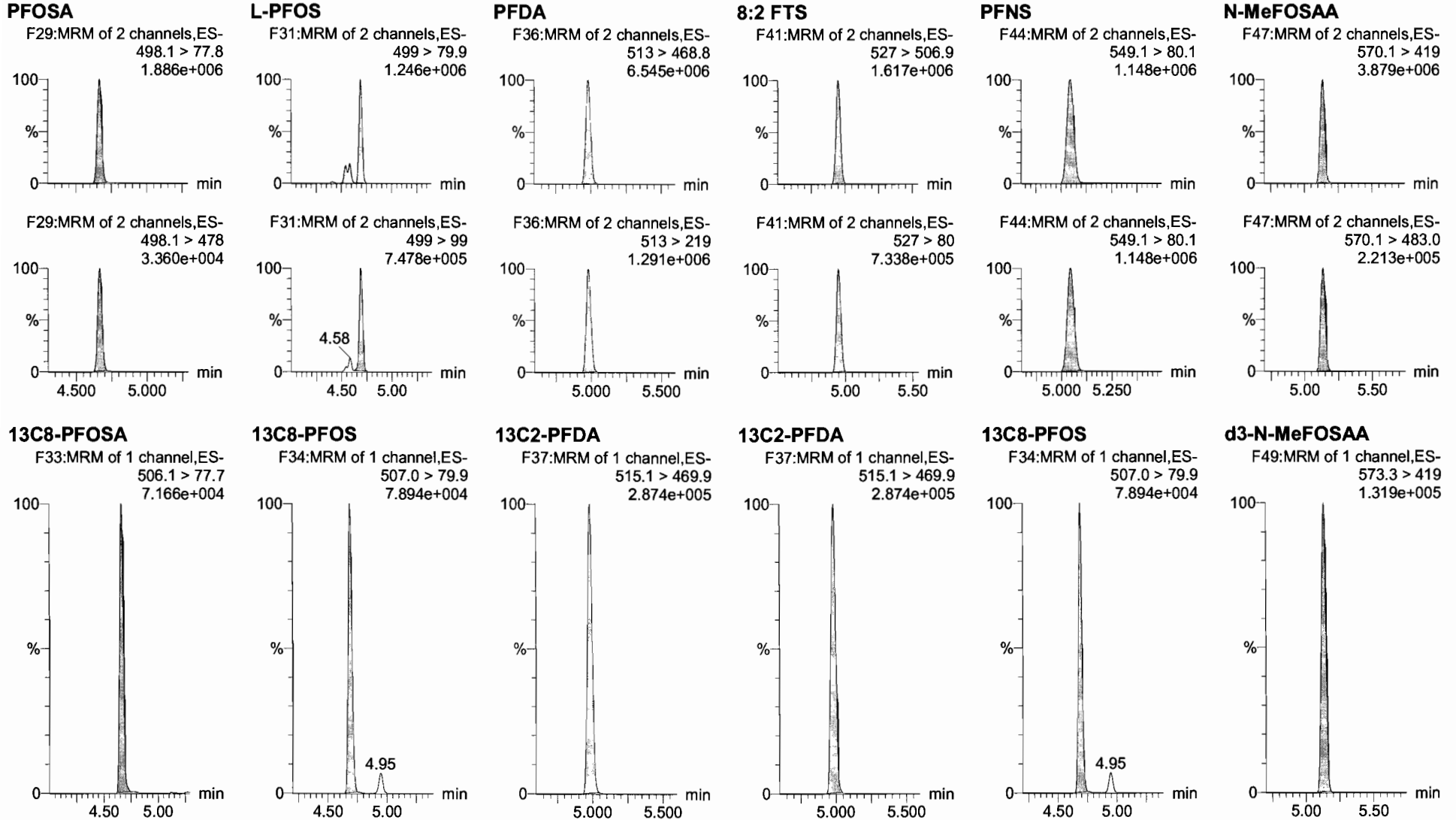
F27:MRM of 1 channel,ES-
468.2 > 422.9
3.338e+005



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Name: 180130M2_10, Date: 30-Jan-2018, Time: 13:16:34, ID: ST180130M2-9 PFC CS6 18A2403, Description: PFC CS6 18A2403



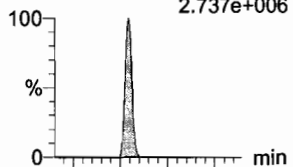
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Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
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Name: 180130M2_10, Date: 30-Jan-2018, Time: 13:16:34, ID: ST180130M2-9 PFC CS6 18A2403, Description: PFC CS6 18A2403

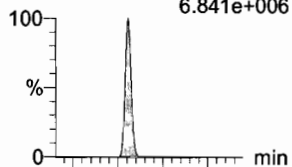
N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
2.737e+006



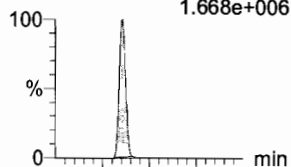
PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
6.841e+006



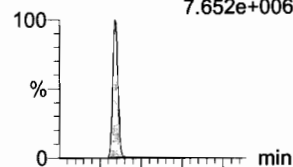
PFDS

F52:MRM of 2 channels,ES-
598.8 > 80
1.668e+006



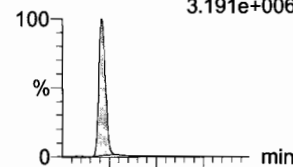
PFDdA

F53:MRM of 4 channels,ES-
612.9 > 569.0
7.652e+006



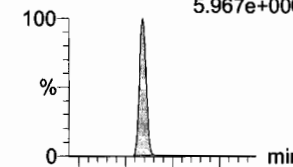
N-MeFOSA

F35:MRM of 2 channels,ES-
512.1 > 168.9
3.191e+006

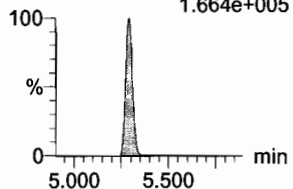


PFTrDA

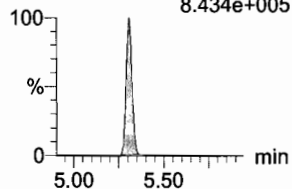
F59:MRM of 2 channels,ES-
662.9 > 618.9
5.967e+006



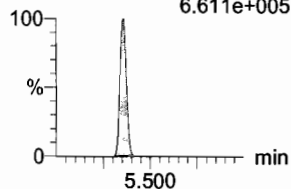
F50:MRM of 2 channels,ES-
584.2 > 483.0
1.664e+005



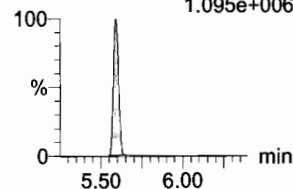
F45:MRM of 2 channels,ES-
563.0 > 269
8.434e+005



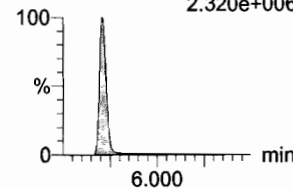
F52:MRM of 2 channels,ES-
598.8 > 98.7
6.611e+005



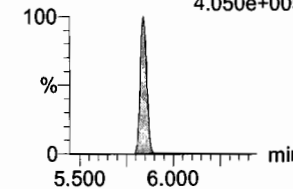
F53:MRM of 4 channels,ES-
612.9 > 318.8
1.095e+006



F35:MRM of 2 channels,ES-
512.1 > 219
2.320e+006

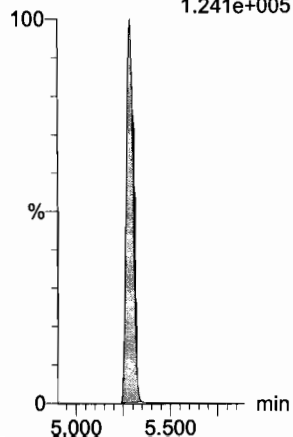


F59:MRM of 2 channels,ES-
662.9 > 319
4.050e+005



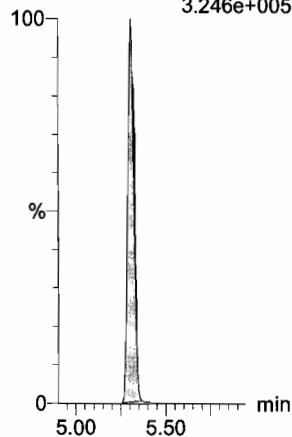
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
1.241e+005



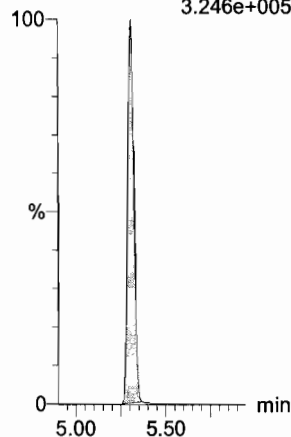
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.246e+005



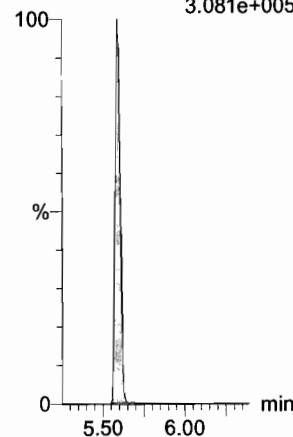
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.246e+005



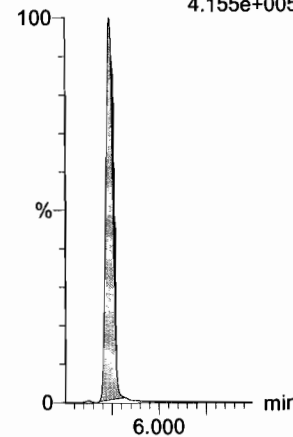
13C2-PFDdA

F54:MRM of 2 channels,ES-
615.0 > 569.7
3.081e+005



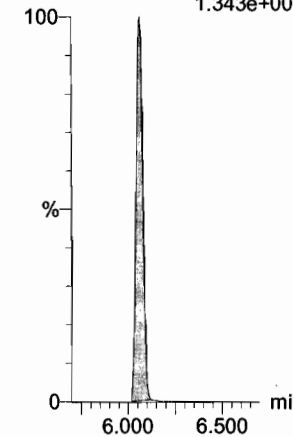
d3-N-MeFOSA

F38:MRM of 1 channel,ES-
515.2 > 168.9
4.155e+005



13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6
1.343e+005



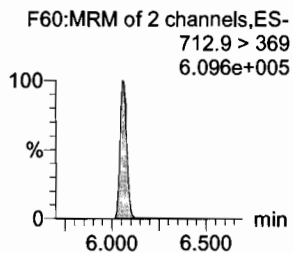
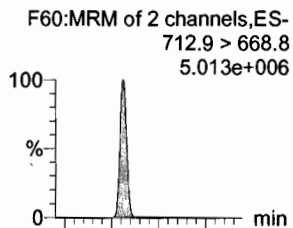
Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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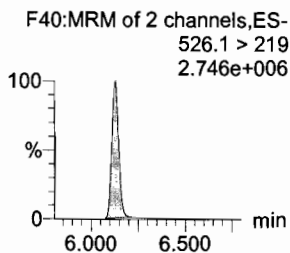
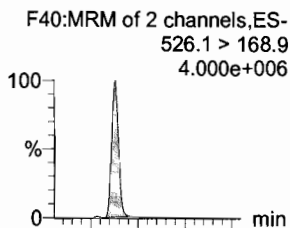
Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_10, Date: 30-Jan-2018, Time: 13:16:34, ID: ST180130M2-9 PFC CS6 18A2403, Description: PFC CS6 18A2403

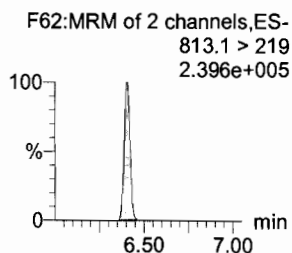
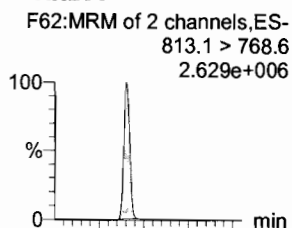
PFTeDA



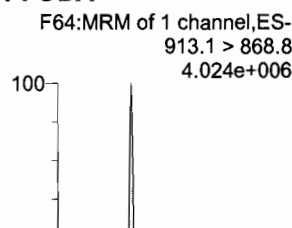
N-EtFOSA



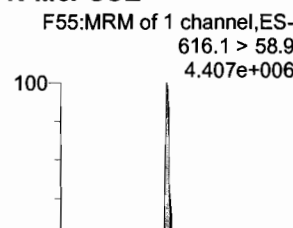
PFHxDA



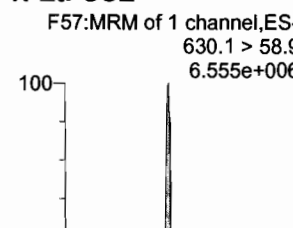
PFODA



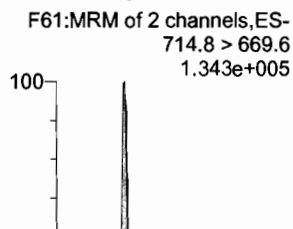
N-MeFOSE



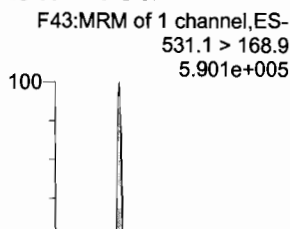
N-EtFOSE



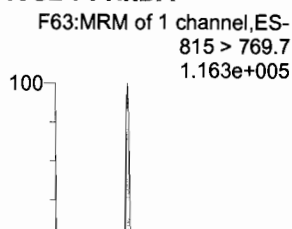
13C2-PFTeDA



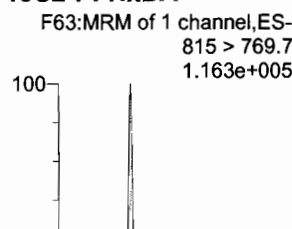
d5-N-ETFOSA



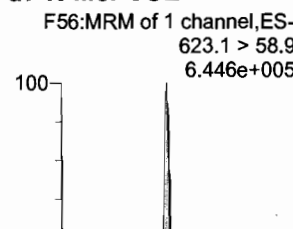
13C2-PFHxDA



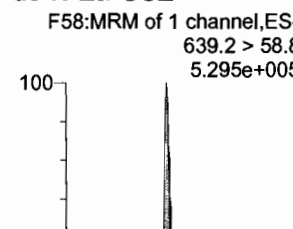
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

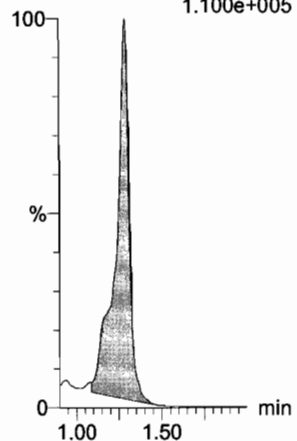
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_10, Date: 30-Jan-2018, Time: 13:16:34, ID: ST180130M2-9 PFC CS6 18A2403, Description: PFC CS6 18A2403

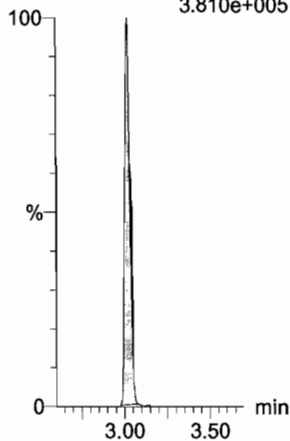
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.100e+005



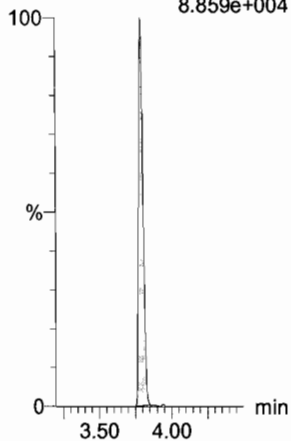
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
3.810e+005



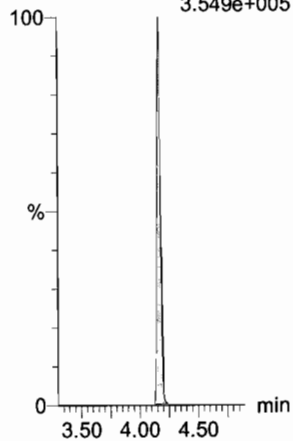
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
8.859e+004



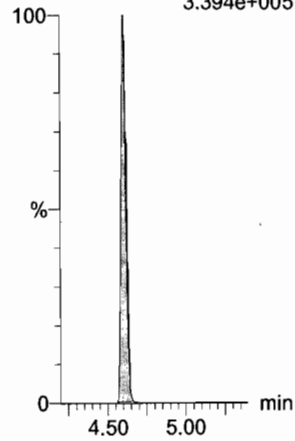
13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
3.549e+005



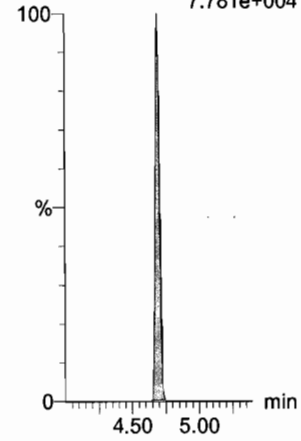
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
3.394e+005



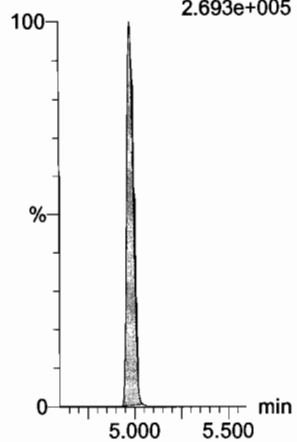
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
7.781e+004



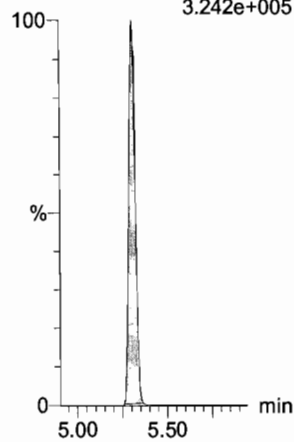
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
2.693e+005



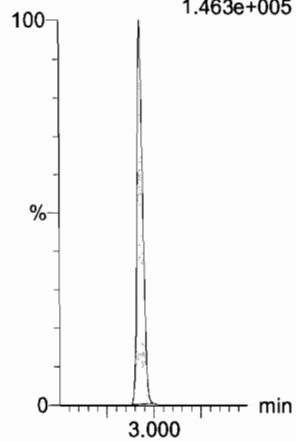
13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8
3.242e+005



13C2-4:2 FTS

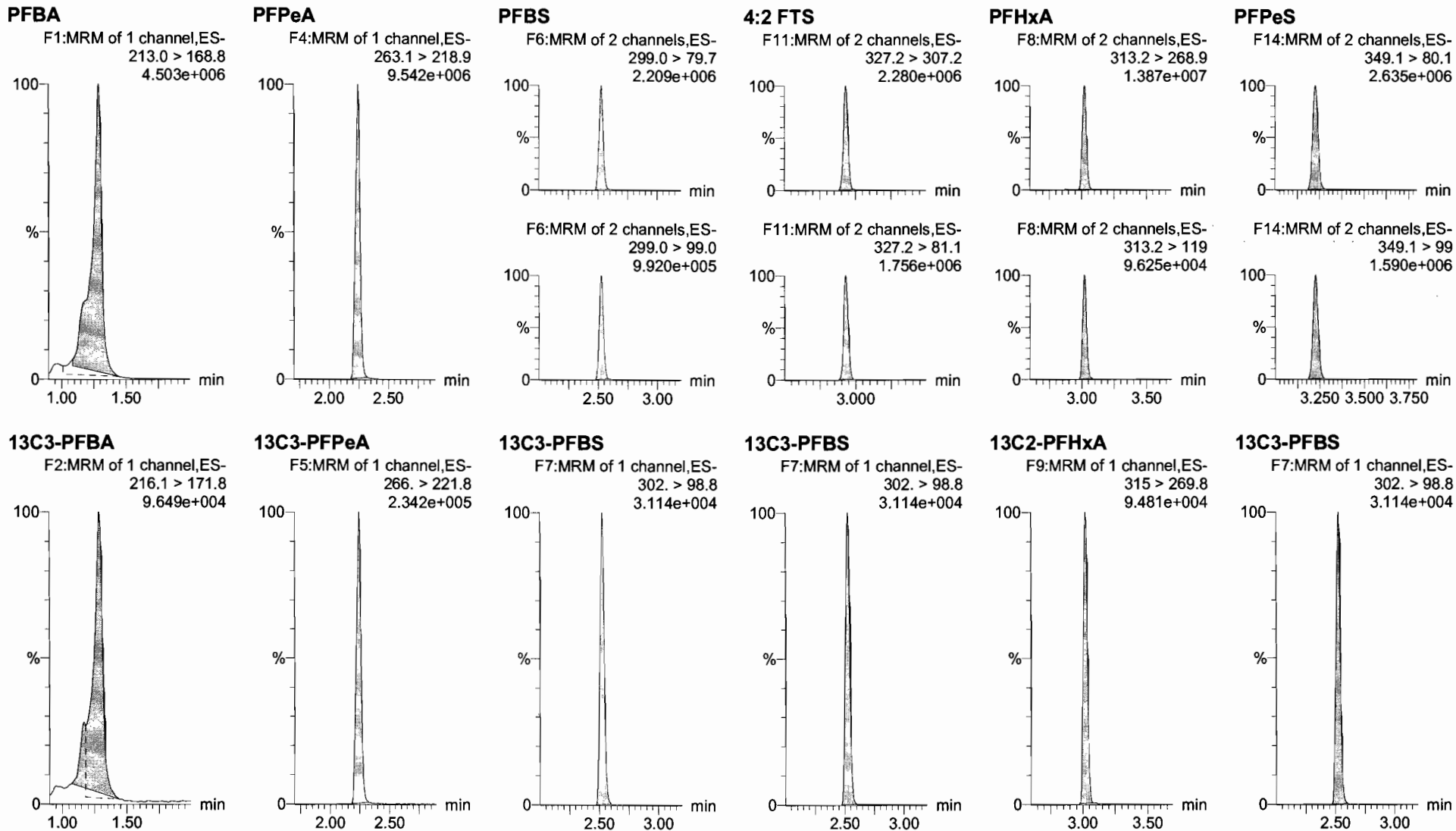
F12:MRM of 1 channel,ES-
329.2 > 308.9
1.463e+005



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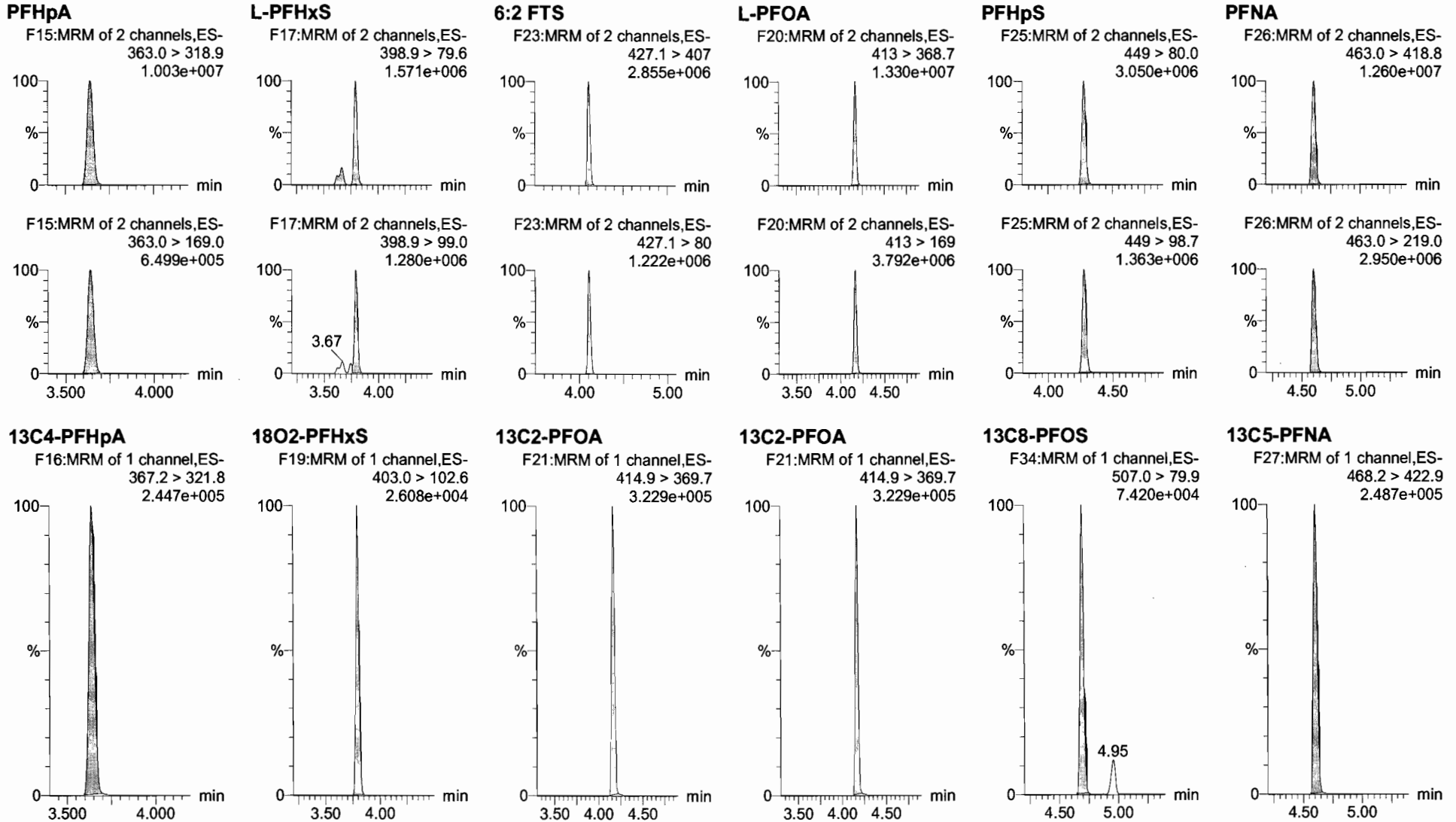
Name: 180130M2_11, Date: 30-Jan-2018, Time: 13:28:04, ID: ST180130M2-10 PFC CS7 18A2404, Description: PFC CS7 18A2404



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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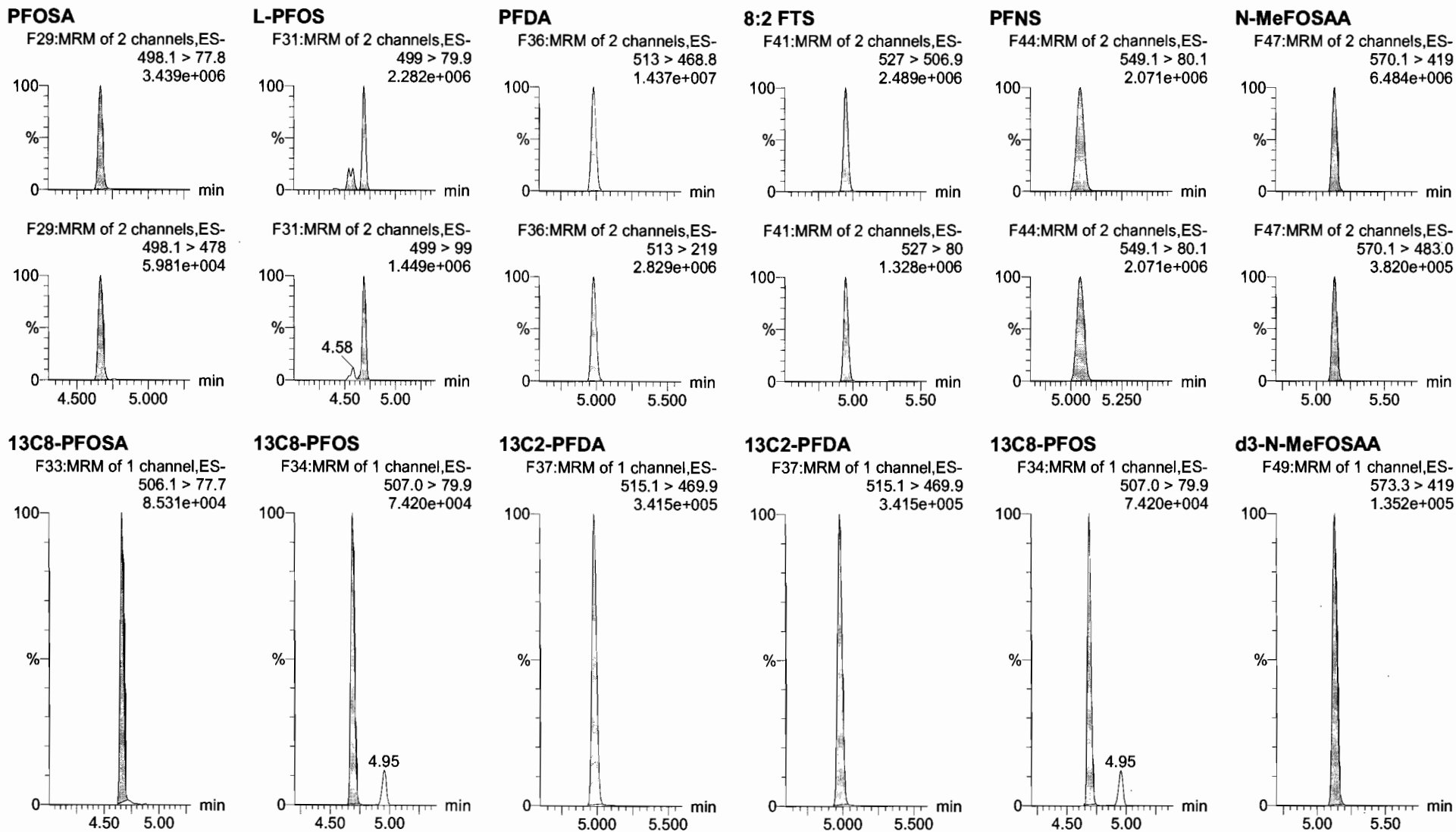
Name: 180130M2_11, Date: 30-Jan-2018, Time: 13:28:04, ID: ST180130M2-10 PFC CS7 18A2404, Description: PFC CS7 18A2404



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time
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Name: 180130M2_11, Date: 30-Jan-2018, Time: 13:28:04, ID: ST180130M2-10 PFC CS7 18A2404, Description: PFC CS7 18A2404



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

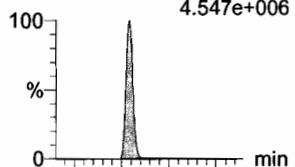
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_11, Date: 30-Jan-2018, Time: 13:28:04, ID: ST180130M2-10 PFC CS7 18A2404, Description: PFC CS7 18A2404

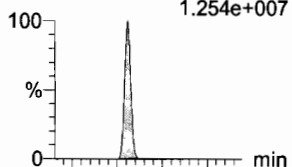
N-EtFOSAA

F50:MRM of 2 channels,ES-
584.2 > 419
4.547e+006



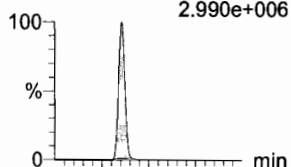
PFUdA

F45:MRM of 2 channels,ES-
563.0 > 518.9
1.254e+007



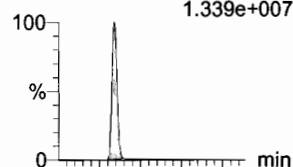
PFDS

F52:MRM of 2 channels,ES-
598.8 > 80
2.990e+006



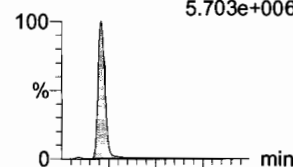
PFDaA

F53:MRM of 4 channels,ES-
612.9 > 569.0
1.339e+007



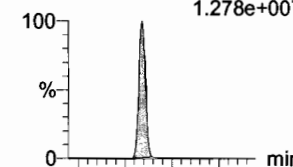
N-MeFOSA

F35:MRM of 2 channels,ES-
512.1 > 168.9
5.703e+006

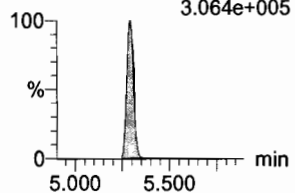


PFTrDA

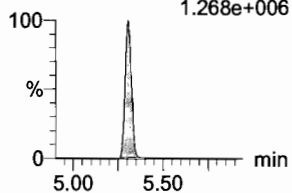
F59:MRM of 2 channels,ES-
662.9 > 618.9
1.278e+007



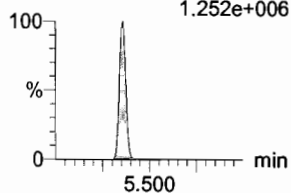
F50:MRM of 2 channels,ES-
584.2 > 483.0
3.064e+005



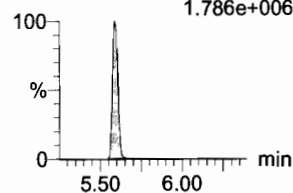
F45:MRM of 2 channels,ES-
563.0 > 269
1.268e+006



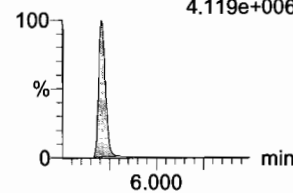
F52:MRM of 2 channels,ES-
598.8 > 98.7
1.252e+006



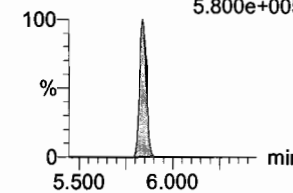
F53:MRM of 4 channels,ES-
612.9 > 318.8
1.786e+006



F35:MRM of 2 channels,ES-
512.1 > 219
4.119e+006

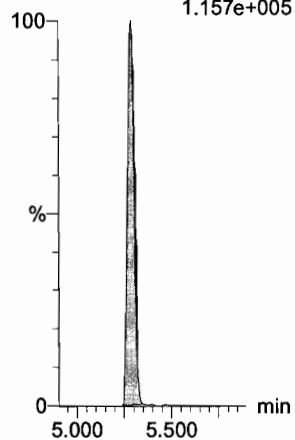


F59:MRM of 2 channels,ES-
662.9 > 319
5.800e+005



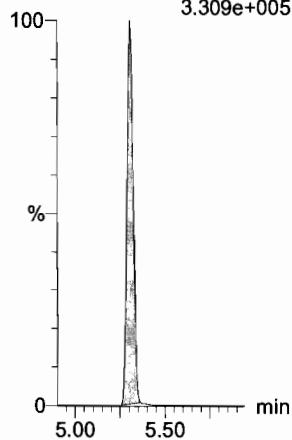
d5-N-EtFOSAA

F51:MRM of 1 channel,ES-
589.3 > 419
1.157e+005



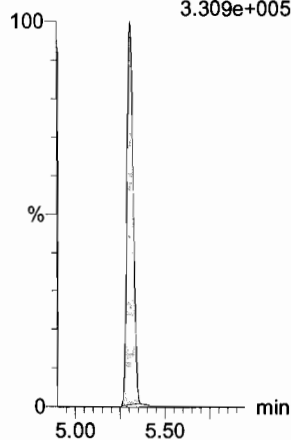
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.309e+005



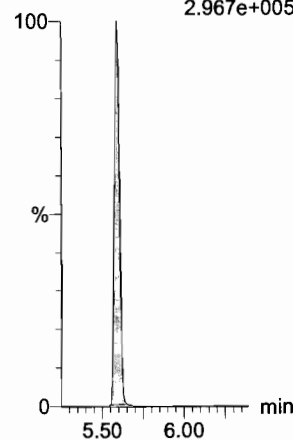
13C2-PFUdA

F46:MRM of 1 channel,ES-
565 > 519.8
3.309e+005



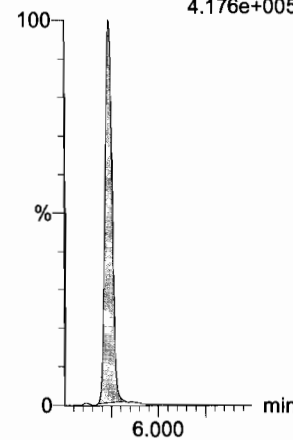
13C2-PFDaA

F54:MRM of 2 channels,ES-
615.0 > 569.7
2.967e+005



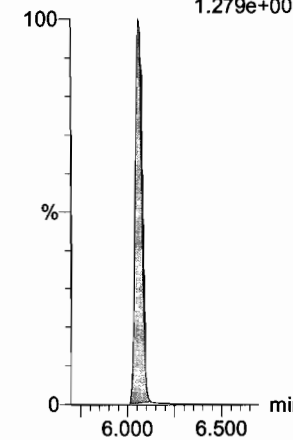
d3-N-MeFOSA

F38:MRM of 1 channel,ES-
515.2 > 168.9
4.176e+005



13C2-PFTeDA

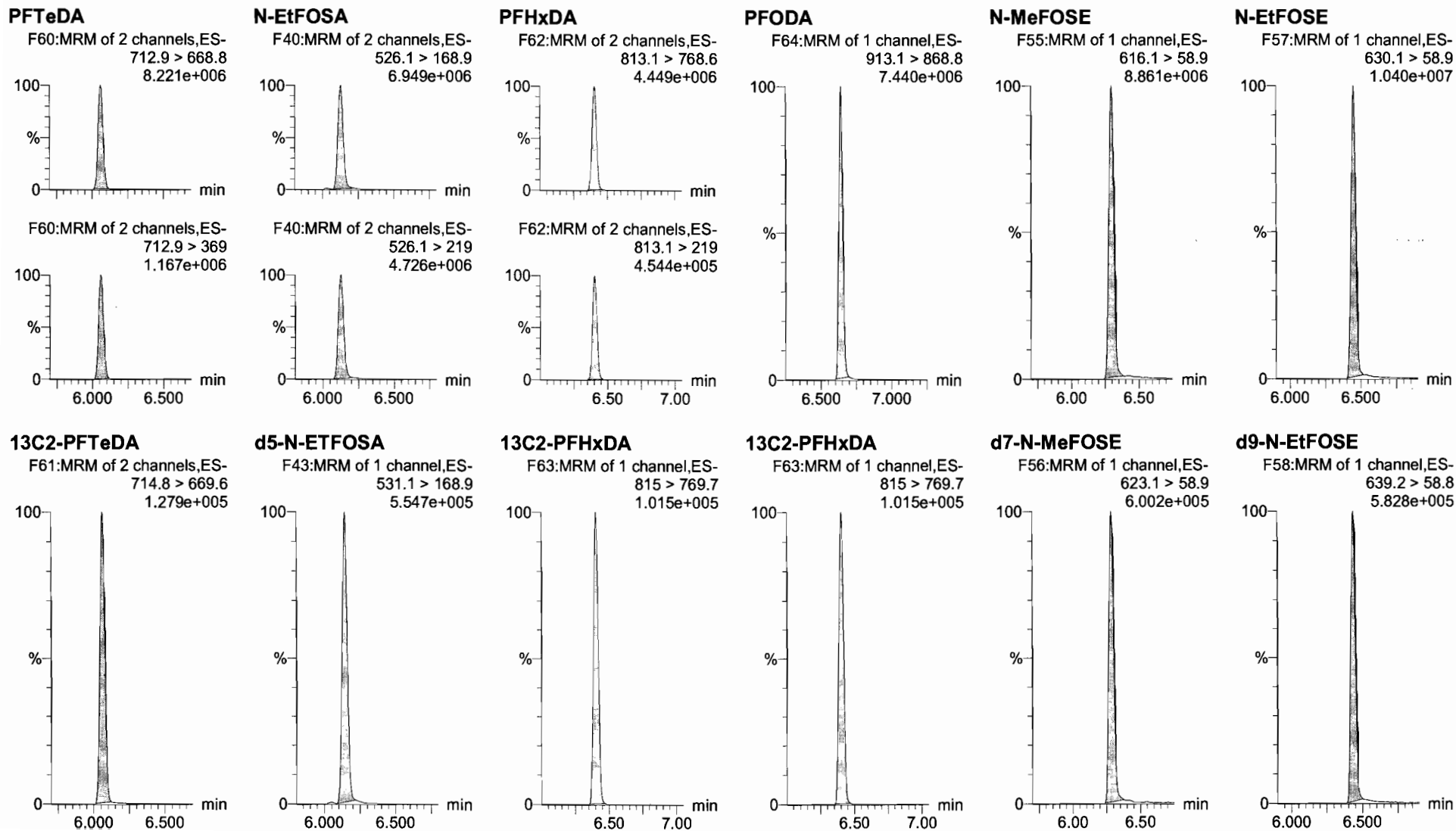
F61:MRM of 2 channels,ES-
714.8 > 669.6
1.279e+005



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

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Name: 180130M2_11, Date: 30-Jan-2018, Time: 13:28:04, ID: ST180130M2-10 PFC CS7 18A2404, Description: PFC CS7 18A2404



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-CRV.qld

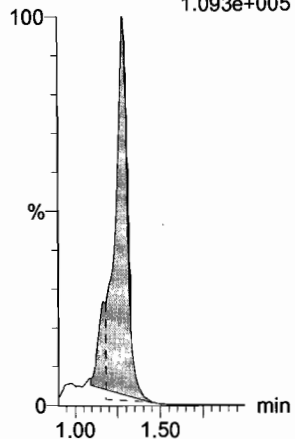
Last Altered: Wednesday, January 31, 2018 09:35:15 Pacific Standard Time

Printed: Wednesday, January 31, 2018 09:51:48 Pacific Standard Time

Name: 180130M2_11, Date: 30-Jan-2018, Time: 13:28:04, ID: ST180130M2-10 PFC CS7 18A2404, Description: PFC CS7 18A2404

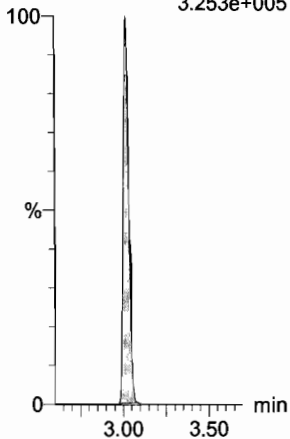
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.093e+005



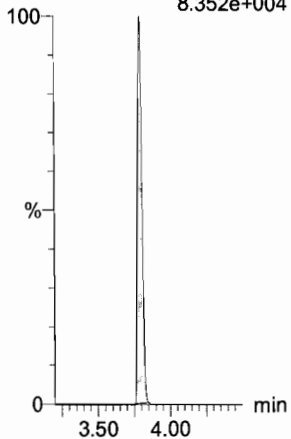
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
3.253e+005



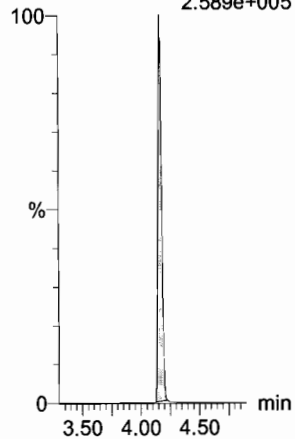
13C3-PFHxS

F18:MRM of 1 channel,ES-
401.9 > 79.9
8.352e+004



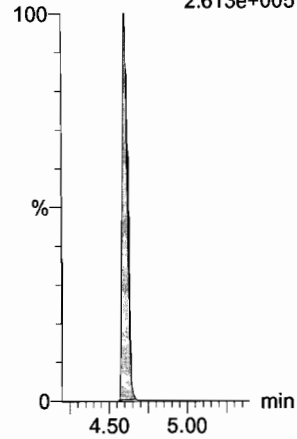
13C8-PFOA

F22:MRM of 1 channel,ES-
421.3 > 376
2.589e+005



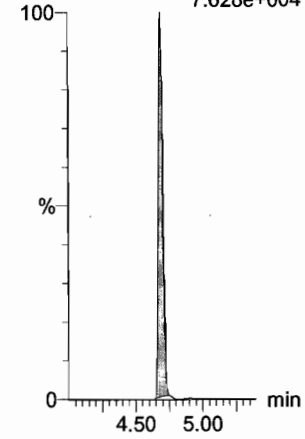
13C9-PFNA

F28:MRM of 1 channel,ES-
472.2 > 426.9
2.613e+005



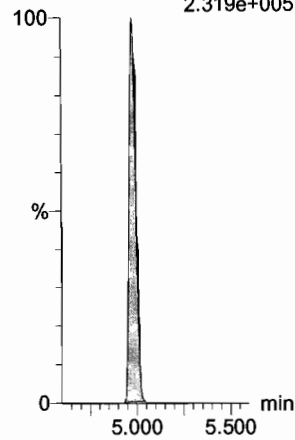
13C4-PFOS

F32:MRM of 1 channel,ES-
503 > 79.9
7.628e+004



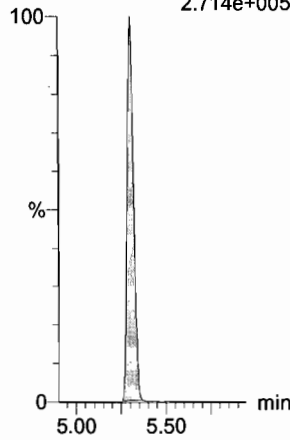
13C6-PFDA

F39:MRM of 1 channel,ES-
519.1 > 473.7
2.319e+005



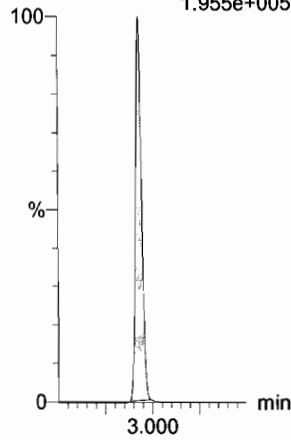
13C7-PFUdA

F48:MRM of 1 channel,ES-
570.1 > 524.8
2.714e+005



13C2-4:2 FTS

F12:MRM of 1 channel,ES-
329.2 > 308.9
1.955e+005



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-13.qld

(A) No SS available.

Last Altered: Wednesday, January 31, 2018 10:21:58 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:28:05 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 31 Jan 2018 09:53:30

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_13, Date: 30-Jan-2018, Time: 13:51:03, ID: ICV180130M2-1 PFC ICV 18A1903, Description: PFC ICV 18A1903

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01/31/2018

#	Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	6.17e3	7.16e3	1.0000		1.29	1.29	10.8	9.289	92.9
2	2 PFPeA	263.1 > 218.9	9.33e3	1.18e4	1.0000		2.27	2.25	9.91	9.783	97.8
3	3 PFBS	299.0 > 79.7	1.91e3	1.52e3	1.0000		2.56	2.52	15.7	8.720	87.2
4	4 4:2 FTS	327.2 > 307.2	2.44e3	1.52e3	1.0000		2.93	2.93	20.1	10.83	108.3
5	5 PFHxA	313.2 > 268.9	1.29e4	4.05e3	1.0000		3.05	3.02	15.9	9.864	98.6
6	6 PFPeS	349.1 > 80.1	2.36e3	1.52e3	1.0000		3.23	3.23	19.4	9.994	99.9
7	7 PFHpA	363.0 > 318.9	1.06e4	1.03e4	1.0000		3.68	3.64	12.9	10.85	108.5
8	8 L-PFHxS	398.9 > 79.6	1.42e3	1.11e3	1.0000		3.80	3.80	15.9	8.576	85.8
9	10 6:2 FTS	427.1 > 407	2.60e3	1.42e4	1.0000		4.15	4.11	2.28	9.839	98.4
10	11 L-PFOA	413 > 368.7	1.12e4	1.42e4	1.0000		4.20	4.17	9.82	9.300	93.0
11	13 PFHpS	449 > 80.0	2.37e3	3.19e3	1.0000		4.30	4.28	9.30	9.228	92.3
12	14 PFNA	463.0 > 418.8	1.25e4	1.29e4	1.0000		4.65	4.61	12.2	9.799	98.0
13	15 PFOSA	498.1 > 77.8	3.04e3	3.14e3	1.0000		4.70	4.67	12.1	11.07	110.7
14	16 L-PFOS	499 > 79.9	2.50e3	3.19e3	1.0000		4.75	4.69	9.81	9.205	92.0
15	18 PFDA	513 > 468.8	1.32e4	1.21e4	1.0000		5.03	4.98	13.6	10.47	104.7
16	19 8:2 FTS	527 > 506.9	2.27e3	1.21e4	1.0000		5.00	4.95	2.35	9.494	94.9
17	20 PFNS	549.1 > 80.1		3.19e3							(A)
18	21 N-MeFOSAA	570.1 > 419	6.65e3	6.01e3	1.0000		5.20	5.14	13.8	8.833	88.3
19	22 N-EtFOSAA	584.2 > 419	5.26e3	5.21e3	1.0000		5.30	5.29	12.6	11.51	115.1
20	23 PFUdA	563.0 > 518.9	1.26e4	1.24e4	1.0000		5.36	5.31	12.7	10.78	107.8
21	24 PFDS	598.8 > 80	2.94e3	1.24e4	1.0000		5.40	5.36	2.96	10.93	109.3
22	25 PFDoA	612.9 > 569.0	1.22e4	9.05e3	1.0000		5.65	5.59	16.9	11.37	113.7
23	26 N-MeFOSA	512.1 > 168.9		1.73e4	1.0000		5.70				(A)
24	27 PFTTrDA	662.9 > 618.9	1.16e4	4.31e3	1.0000		5.90	5.84	33.8	8.979	89.8
25	28 PFTeDA	712.9 > 668.8	7.46e3	4.31e3	1.0000		6.12	6.06	21.7	9.360	93.6
26	29 N-EtFOSA	526.1 > 168.9		2.66e4	1.0000		6.12				(A)
27	30 PFHxDA	813.1 > 768.6		3.02e3	1.0000		6.46				
28	31 PFODA	913.1 > 868.8		3.02e3	1.0000		6.70				
29	32 N-MeFOSE	616.1 > 58.9		2.22e4	1.0000		6.31				
30	33 N-EtFOSE	630.1 > 58.9		1.85e4	1.0000		6.45				
31	Work Order 0809181	216.1 > 171.8	7.16e3	8.08e3	0.842	1.0000	1.30	1.29	11.1	13.16	105.3

10-130
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Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-13.qld

Last Altered: Wednesday, January 31, 2018 10:21:58 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:28:05 Pacific Standard Time

Name: 180130M2_13, Date: 30-Jan-2018, Time: 13:51:03, ID: ICV180130M2-1 PFC ICV 18A1903, Description: PFC ICV 18A1903

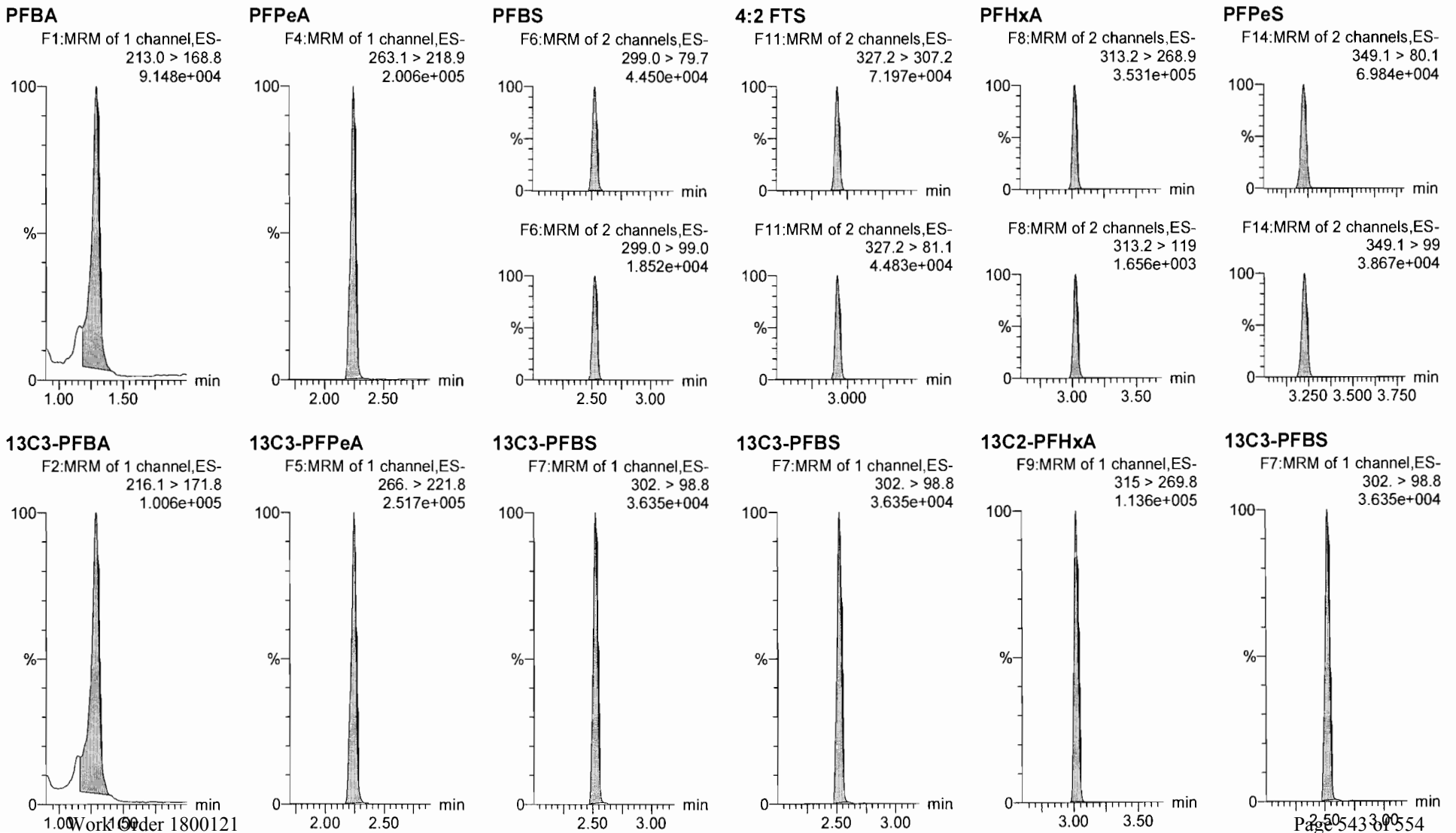
	# Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
32	35 13C3-PFPeA	266. > 221.8	1.18e4	1.50e4	0.870	1.0000	2.27	2.25	9.78	11.23	89.9
33	36 13C3-PFBS	302. > 98.8	1.52e3	1.50e4	0.109	1.0000	2.56	2.53	1.26	11.57	92.5
34	37 13C2-PFHxA	315 > 269.8	4.05e3	1.50e4	0.684	1.0000	3.05	3.02	3.37	4.922	98.4
35	38 13C4-PFHpA	367.2 > 321.8	1.03e4	1.50e4	0.732	1.0000	3.68	3.64	8.54	11.67	93.3
36	39 18O2-PFHxS	403.0 > 102.6	1.11e3	3.19e3	0.318	1.0000	3.80	3.80	4.35	13.67	109.4
37	40 13C2-6:2 FTS	429.1 > 408.9	3.29e3	1.27e4	0.263	1.0000	4.15	4.11	3.23	12.27	98.2
38	41 13C2-PFOA	414.9 > 369.7	1.42e4	1.27e4	1.120	1.0000	4.20	4.17	14.0	12.49	99.9
39	42 13C5-PFNA	468.2 > 422.9	1.29e4	1.45e4	0.921	1.0000	4.65	4.61	11.1	12.08	96.6
40	43 13C8-PFOSA	506.1 > 77.7	3.14e3	1.35e4	0.245	1.0000	4.70	4.67	2.90	11.86	94.9
41	44 13C8-PFOS	507.0 > 79.9	3.19e3	3.20e3	1.034	1.0000	4.75	4.69	12.5	12.07	96.5
42	45 13C2-PFDA	515.1 > 469.9	1.21e4	1.10e4	1.080	1.0000	5.03	4.98	13.7	12.70	101.6
43	46 13C2-8:2 FTS	529.1 > 508.7	2.03e3	1.50e4	0.165	1.0000	5.00	4.95	1.68	10.22	81.7
44	47 d3-N-MeFOSAA	573.3 > 419	6.01e3	1.35e4	0.398	1.0000	5.20	5.13	5.55	13.96	111.7
45	48 d5-N-EtFOSAA	589.3 > 419	5.21e3	1.35e4	0.425	1.0000	5.30	5.29	4.81	11.32	90.6
46	49 13C2-PFUdA	565 > 519.8	1.24e4	1.35e4	1.047	1.0000	5.36	5.31	11.5	10.95	87.6
47	50 13C2-PFDoA	615.0 > 569.7	9.05e3	1.35e4	0.805	1.0000	5.65	5.59	8.35	10.37	83.0
48	51 d3-N-MeFOSA	515.2 > 168.9	1.73e4	1.35e4	0.104	1.0000	5.70	5.74	16.0	154.6	103.0
49	52 13C2-PFTeDA	714.8 > 669.6	4.31e3	1.35e4	0.367	1.0000	6.12	6.06	3.98	10.84	86.7
50	53 d5-N-ETFOSA	531.1 > 168.9	2.66e4	1.35e4	0.155	1.0000	6.25	6.15	24.6	158.9	106.0
51	54 13C2-PFHxDA	815 > 769.7	3.02e3	1.35e4	0.721	1.0000	6.46	6.41	2.79	3.868	77.4
52	55 d7-N-MeFOSE	623.1 > 58.9	2.22e4	1.35e4	0.143	1.0000	6.31	6.29	20.5	144.1	96.1
53	56 d9-N-EtFOSE	639.2 > 58.8	1.85e4	1.35e4	0.133	1.0000	6.12	6.44	17.1	128.7	85.8
54	57 13C4-PFBA	217. > 171.8	8.08e3	8.08e3	1.000	1.0000	1.30	1.29	12.5	12.50	100.0
55	58 13C5-PFHxA	318 > 272.9	1.50e4	1.50e4	1.000	1.0000	3.05	3.02	12.5	12.50	100.0
56	59 13C3-PFHxS	401.9 > 79.9	3.19e3	3.19e3	1.000	1.0000	3.80	3.79	12.5	12.50	100.0
57	60 13C8-PFOA	421.3 > 376	1.27e4	1.27e4	1.000	1.0000	4.20	4.16	12.5	12.50	100.0
58	61 13C9-PFNA	472.2 > 426.9	1.45e4	1.45e4	1.000	1.0000	4.65	4.61	12.5	12.50	100.0
59	62 13C4-PFOS	503 > 79.9	3.20e3	3.20e3	1.000	1.0000	4.60	4.69	12.5	12.50	100.0
60	63 13C6-PFDA	519.1 > 473.7	1.10e4	1.10e4	1.000	1.0000	5.03	4.98	12.5	12.50	100.0
61	64 13C7-PFUdA	570.1 > 524.8	1.35e4	1.35e4	1.000	1.0000	5.36	5.31	12.5	12.50	100.0
62	72 13C2-4:2 FTS	329.2>308.9	3.54e3	1.50e4	0.275	1.0000	2.93	2.93	2.95	10.72	85.7

Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-13.qld

Last Altered: Wednesday, January 31, 2018 10:21:58 Pacific Standard Time
Printed: Wednesday, January 31, 2018 10:28:05 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_013018.mdb 31 Jan 2018 09:53:30
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_01-30-18-FULL.cdb 31 Jan 2018 09:33:43

Name: 180130M2_13, Date: 30-Jan-2018, Time: 13:51:03, ID: ICV180130M2-1 PFC ICV 18A1903, Description: PFC ICV 18A1903



Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-13.qld

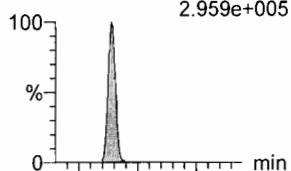
Last Altered: Wednesday, January 31, 2018 10:21:58 Pacific Standard Time

Printed: Wednesday, January 31, 2018 10:28:05 Pacific Standard Time

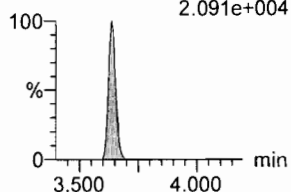
Name: 180130M2_13, Date: 30-Jan-2018, Time: 13:51:03, ID: ICV180130M2-1 PFC ICV 18A1903, Description: PFC ICV 18A1903

PFHpA

F15:MRM of 2 channels,ES-
363.0 > 318.9
2.959e+005

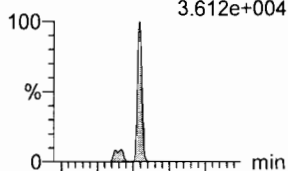


F15:MRM of 2 channels,ES-
363.0 > 169.0
2.091e+004

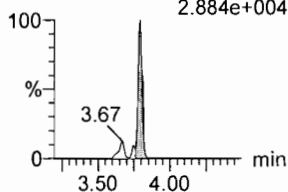


L-PFHxS

F17:MRM of 2 channels,ES-
398.9 > 79.6
3.612e+004

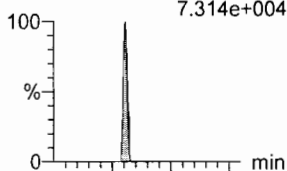


F17:MRM of 2 channels,ES-
398.9 > 99.0
2.884e+004

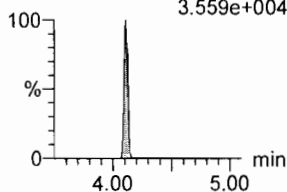


6:2 FTS

F23:MRM of 2 channels,ES-
427.1 > 407
7.314e+004

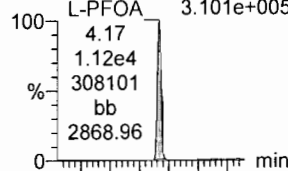


F23:MRM of 2 channels,ES-
427.1 > 80
3.559e+004

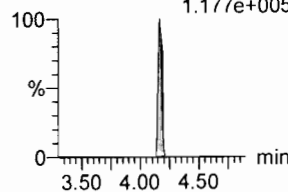


L-PFOA

F20:MRM of 2 channels,ES-
413 > 368.7
3.101e+005

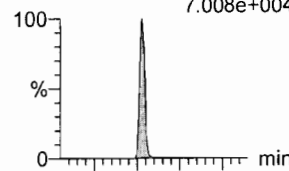


F20:MRM of 2 channels,ES-
413 > 169
1.177e+005

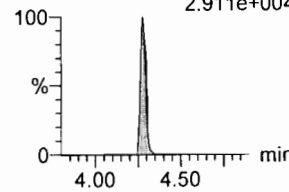


PFHpS

F25:MRM of 2 channels,ES-
449 > 80.0
7.008e+004

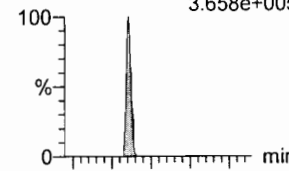


F25:MRM of 2 channels,ES-
449 > 98.7
2.911e+004

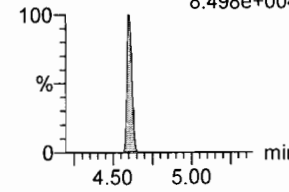


PFNA

F26:MRM of 2 channels,ES-
463.0 > 418.8
3.658e+005

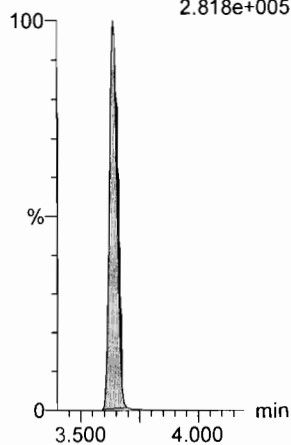


F26:MRM of 2 channels,ES-
463.0 > 219.0
8.498e+004



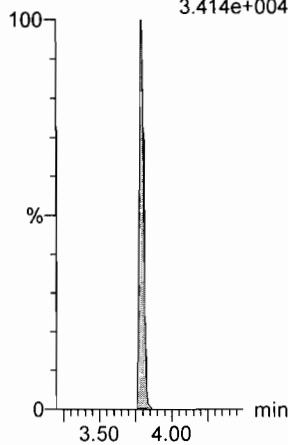
13C4-PFHpA

F16:MRM of 1 channel,ES-
367.2 > 321.8
2.818e+005



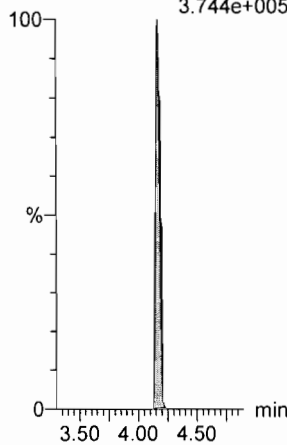
18O2-PFHxS

F19:MRM of 1 channel,ES-
403.0 > 102.6
3.414e+004



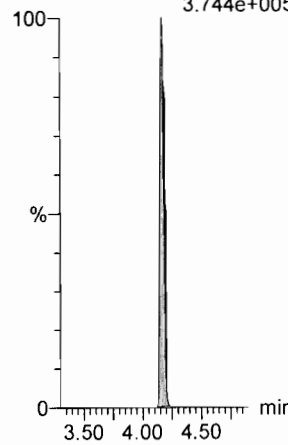
13C2-PFOA

F21:MRM of 1 channel,ES-
414.9 > 369.7
3.744e+005



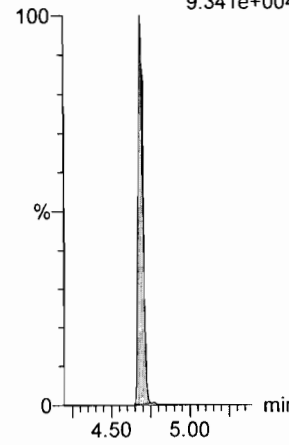
13C2-PFOA

F21:MRM of 1 channel,ES-
414.9 > 369.7
3.744e+005



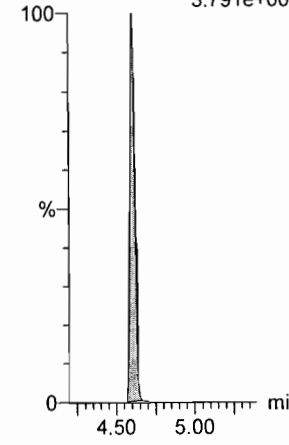
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9
9.341e+004



13C5-PFNA

F27:MRM of 1 channel,ES-
468.2 > 422.9
3.791e+005



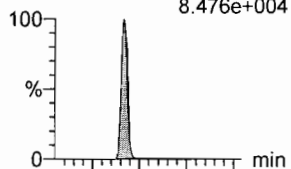
Dataset: F:\Projects\PFAS.PRO\Results\180130M2\180130M2-13.qld

Last Altered: Wednesday, January 31, 2018 10:21:58 Pacific Standard Time
Printed: Wednesday, January 31, 2018 10:28:05 Pacific Standard Time

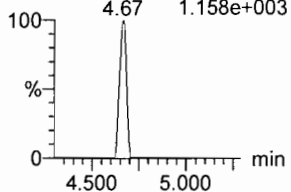
Name: 180130M2_13, Date: 30-Jan-2018, Time: 13:51:03, ID: ICV180130M2-1 PFC ICV 18A1903, Description: PFC ICV 18A1903

PFOSA

F29:MRM of 2 channels,ES-
498.1 > 77.8
8.476e+004

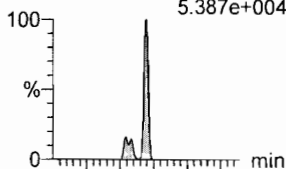


F29:MRM of 2 channels,ES-
498.1 > 478
1.158e+003

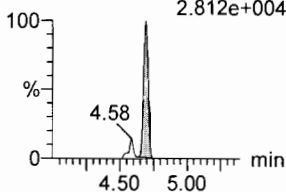


L-PFOS

F31:MRM of 2 channels,ES-
499 > 79.9
5.387e+004

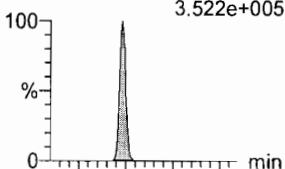


F31:MRM of 2 channels,ES-
499 > 99
2.812e+004

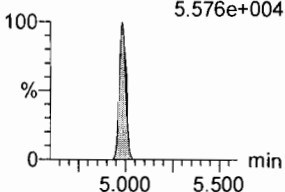


PFDA

F36:MRM of 2 channels,ES-
513 > 468.8
3.522e+005

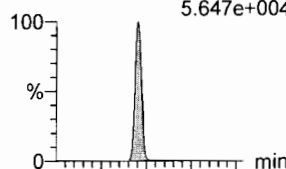


F36:MRM of 2 channels,ES-
513 > 219
5.576e+004

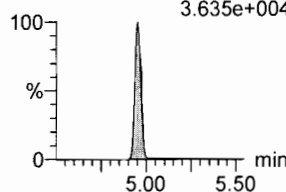


8:2 FTS

F41:MRM of 2 channels,ES-
527 > 506.9
5.647e+004

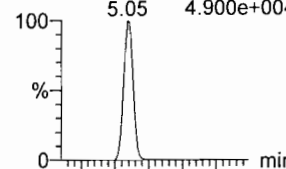


F41:MRM of 2 channels,ES-
527 > 80
3.635e+004

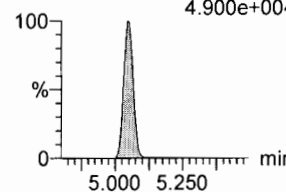


PFNS

F44:MRM of 2 channels,ES-
549.1 > 80.1
4.900e+004

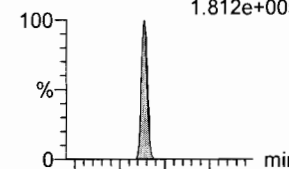


F44:MRM of 2 channels,ES-
549.1 > 80.1
4.900e+004

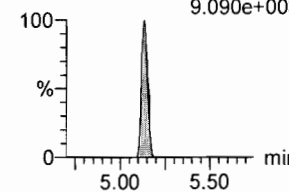


N-MeFOSAA

F47:MRM of 2 channels,ES-
570.1 > 419
1.812e+005

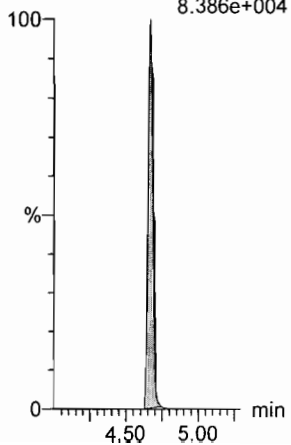


F47:MRM of 2 channels,ES-
570.1 > 483.0
9.090e+003



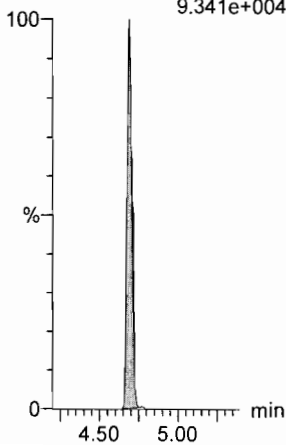
13C8-PFOSA

F33:MRM of 1 channel,ES-
506.1 > 77.7
8.386e+004



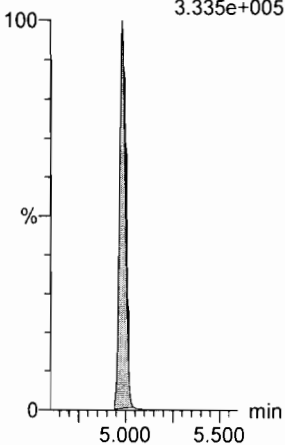
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9
9.341e+004



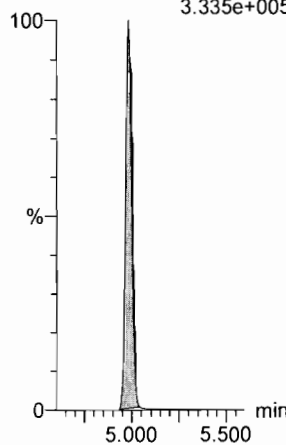
13C2-PFDA

F37:MRM of 1 channel,ES-
515.1 > 469.9
3.335e+005



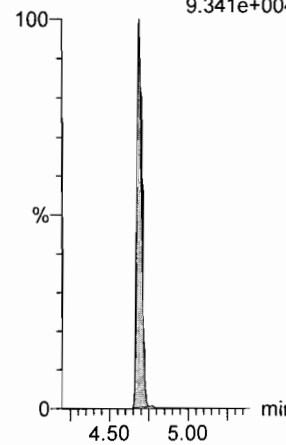
13C2-PFDA

F37:MRM of 1 channel,ES-
515.1 > 469.9
3.335e+005



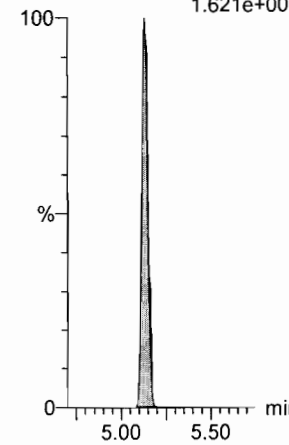
13C8-PFOS

F34:MRM of 1 channel,ES-
507.0 > 79.9
9.341e+004



d3-N-MeFOSAA

F49:MRM of 1 channel,ES-
573.3 > 419
1.621e+005



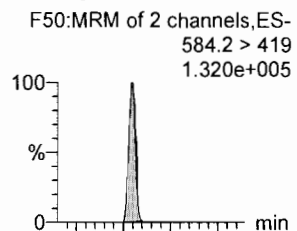
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Last Altered: Wednesday, January 31, 2018 10:21:58 Pacific Standard Time

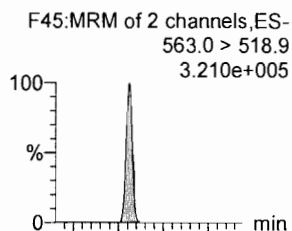
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Name: 180130M2_13, Date: 30-Jan-2018, Time: 13:51:03, ID: ICV180130M2-1 PFC ICV 18A1903, Description: PFC ICV 18A1903

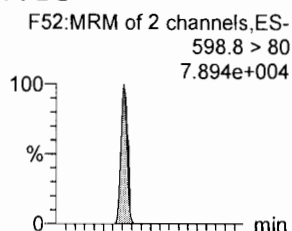
N-EtFOSAA



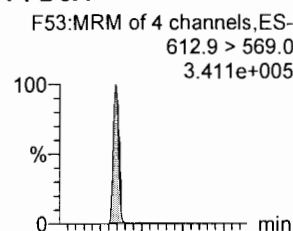
PFUdA



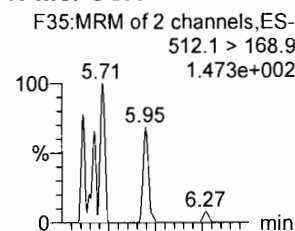
PFDS



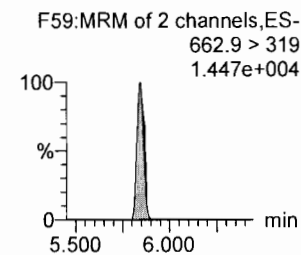
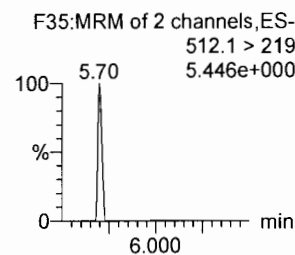
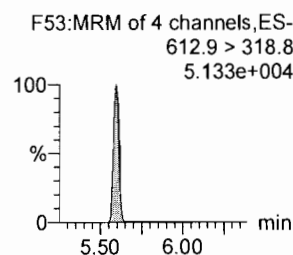
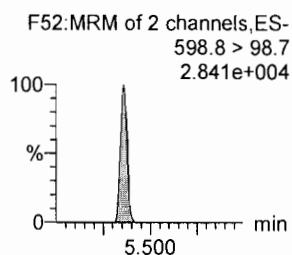
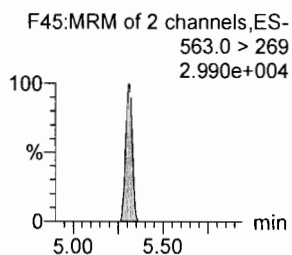
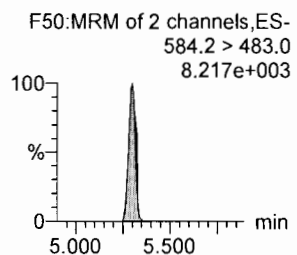
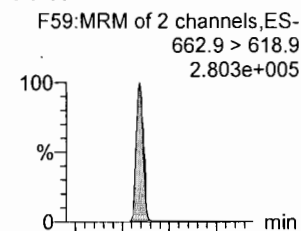
PFDaA



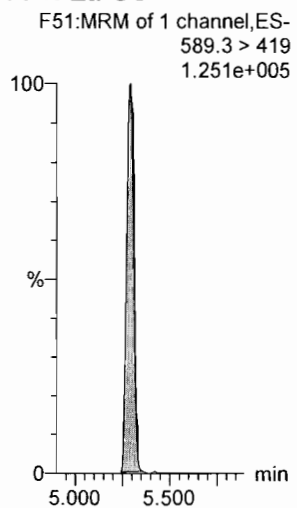
N-MeFOSA



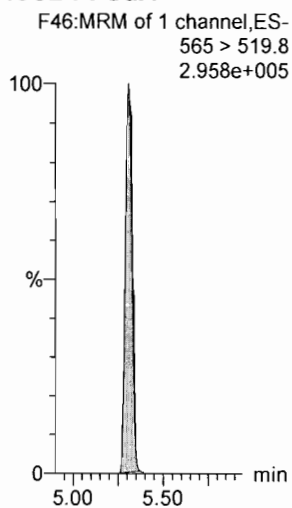
PFTrDA



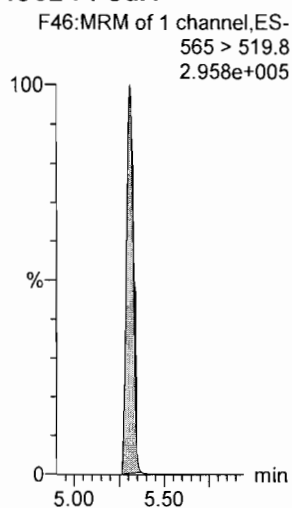
d3-N-EtFOSAA



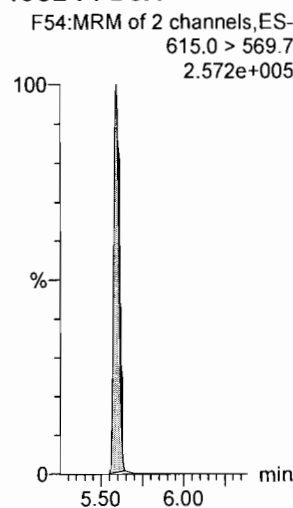
13C2-PFUdA



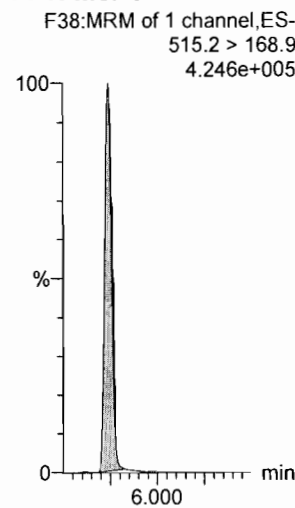
13C2-PFUdA



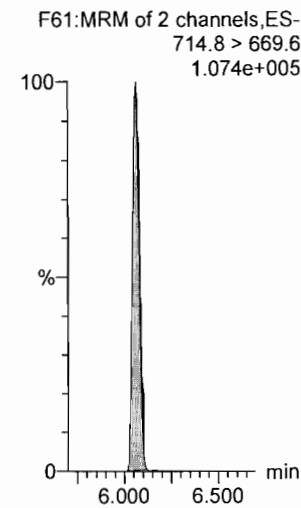
13C2-PFDaA



d3-N-MeFOSA



13C2-PFTeDA



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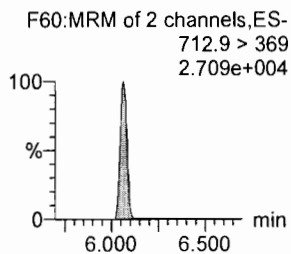
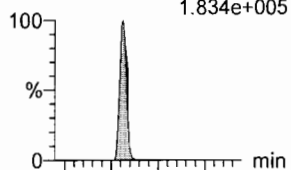
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Printed: Wednesday, January 31, 2018 10:28:05 Pacific Standard Time

Name: 180130M2_13, Date: 30-Jan-2018, Time: 13:51:03, ID: ICV180130M2-1 PFC ICV 18A1903, Description: PFC ICV 18A1903

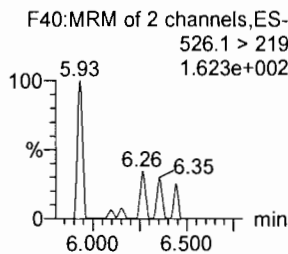
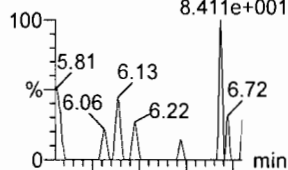
PFTeDA

F60:MRM of 2 channels,ES-
712.9 > 668.8
1.834e+005



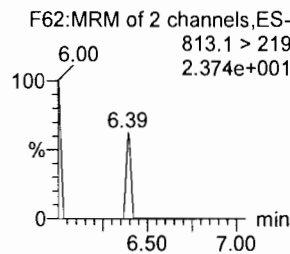
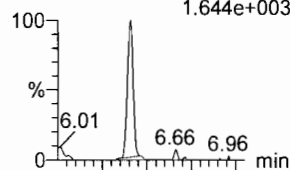
N-EtFOSA

F40:MRM of 2 channels,ES-
526.1 > 168.9
8.411e+001



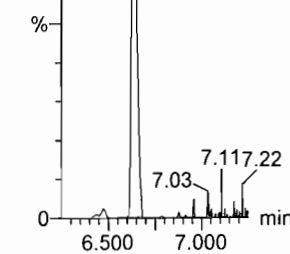
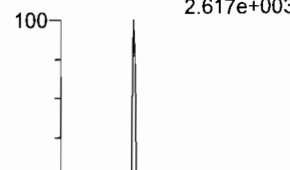
PFHxDA

F62:MRM of 2 channels,ES-
813.1 > 768.6
1.644e+003



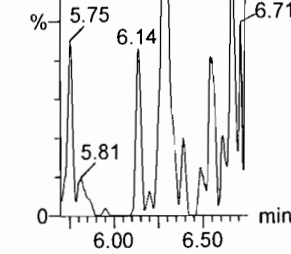
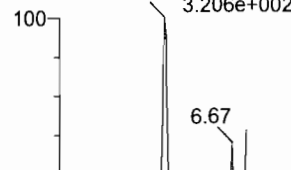
PFODA

F64:MRM of 1 channel,ES-
913.1 > 868.8
2.617e+003



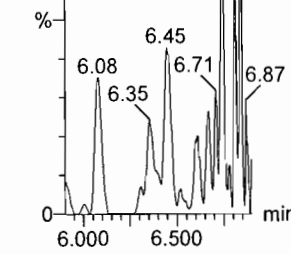
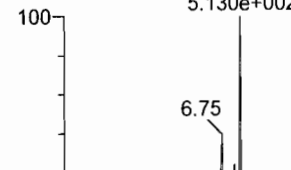
N-MeFOSE

F55:MRM of 1 channel,ES-
616.1 > 58.9
3.206e+002



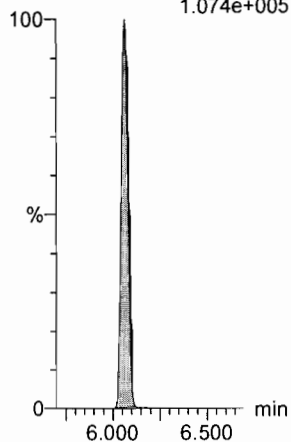
N-EtFOSE

F57:MRM of 1 channel,ES-
630.1 > 58.9
5.130e+002



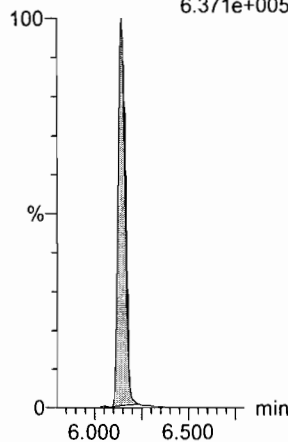
13C2-PFTeDA

F61:MRM of 2 channels,ES-
714.8 > 669.6
1.074e+005



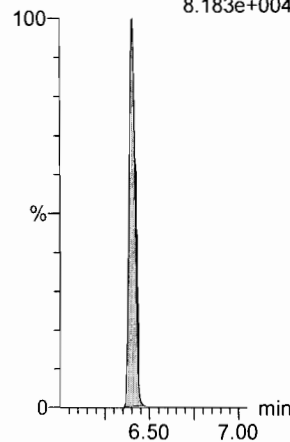
d5-N-ETFOSA

F43:MRM of 1 channel,ES-
531.1 > 168.9
6.371e+005



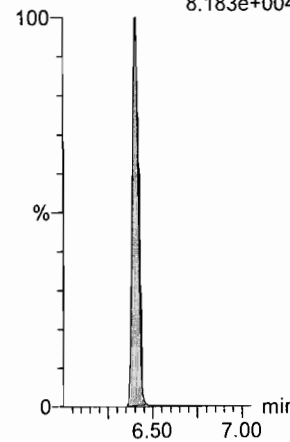
13C2-PFHxDA

F63:MRM of 1 channel,ES-
815 > 769.7
8.183e+004



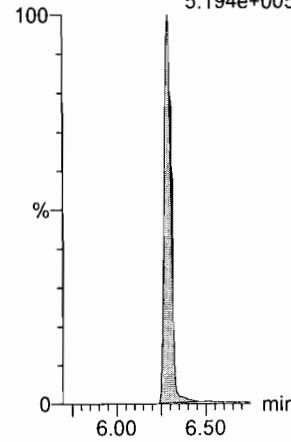
13C2-PFHxDA

F63:MRM of 1 channel,ES-
815 > 769.7
8.183e+004



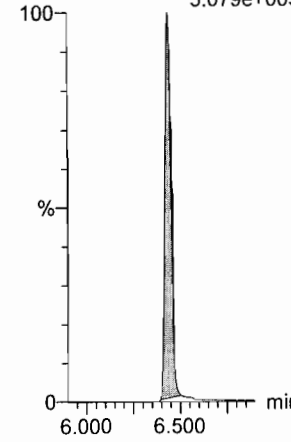
d7-N-MeFOSE

F56:MRM of 1 channel,ES-
623.1 > 58.9
5.194e+005



d9-N-EtFOSE

F58:MRM of 1 channel,ES-
639.2 > 58.8
5.079e+005

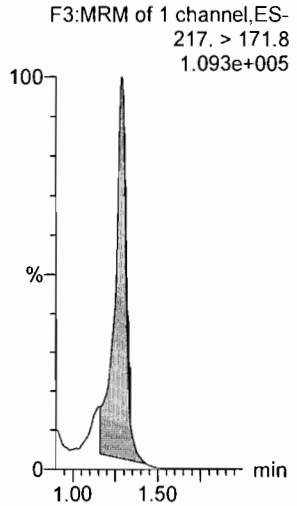


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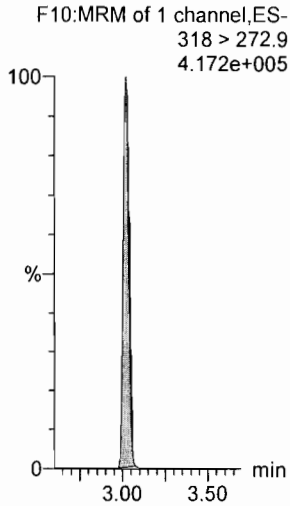
Last Altered: Wednesday, January 31, 2018 10:21:58 Pacific Standard Time
Printed: Wednesday, January 31, 2018 10:28:05 Pacific Standard Time

Name: 180130M2_13, Date: 30-Jan-2018, Time: 13:51:03, ID: ICV180130M2-1 PFC ICV 18A1903, Description: PFC ICV 18A1903

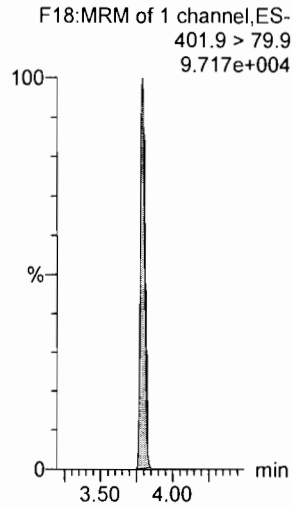
13C4-PFBA



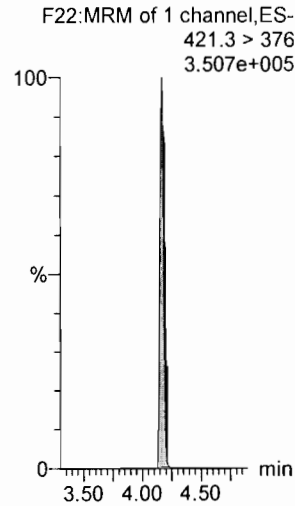
13C5-PFHxA



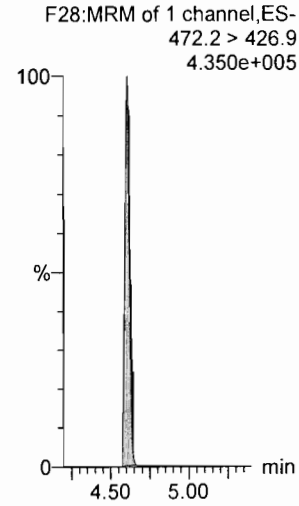
13C3-PFHxS



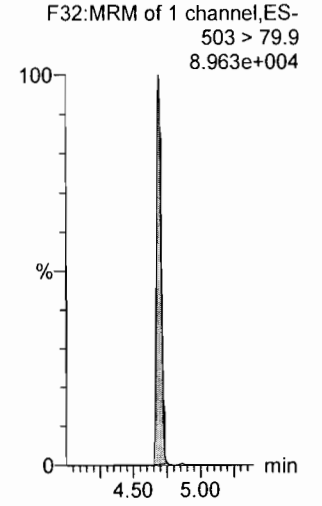
13C8-PFOA



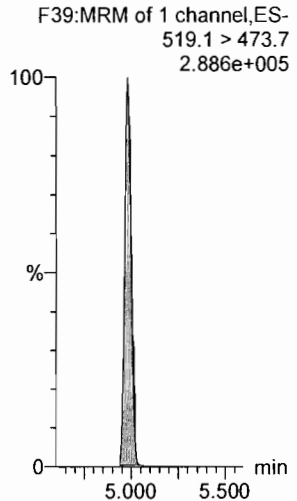
13C9-PFNA



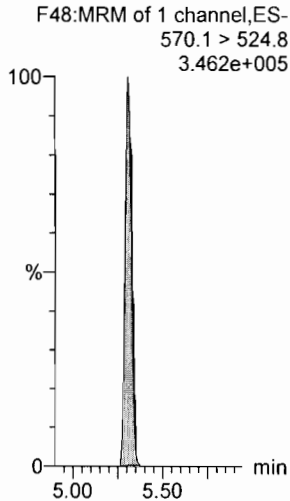
13C4-PFOS



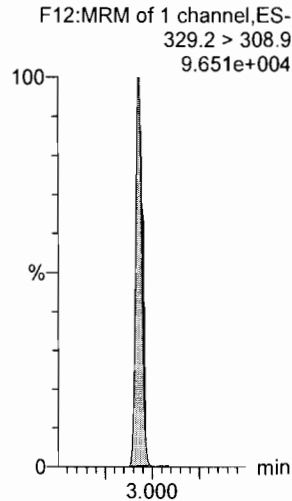
13C6-PFDA



13C7-PFUdA



13C2-4:2 FTS



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Last Altered: Thursday, August 31, 2017 08:50:07 Pacific Daylight Time

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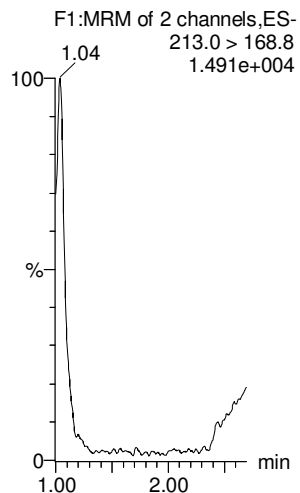
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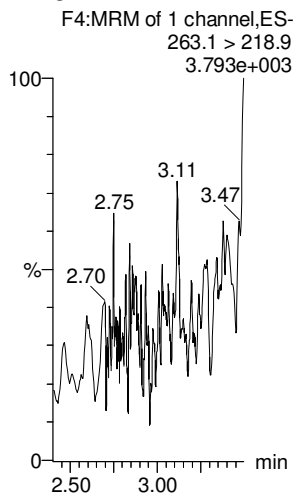
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Name: 170830M1_13, Date: 30-Aug-2017, Time: 18:54:45, ID: IPA, Description: IPA

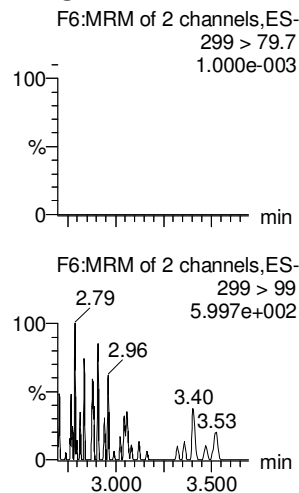
PFBA



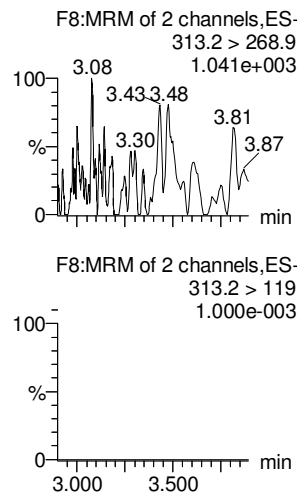
PFPeA



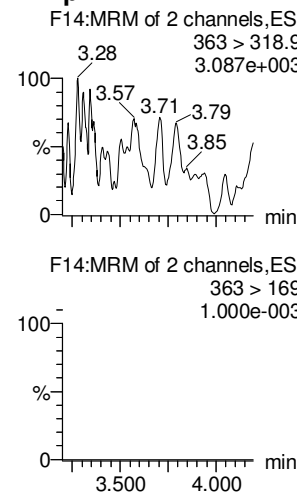
PFBS



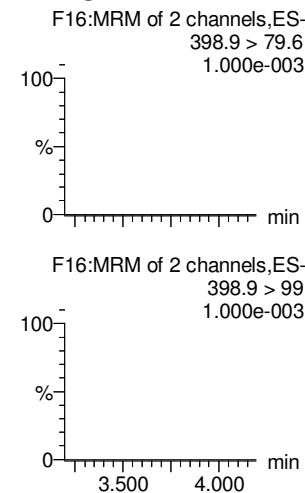
PFHxA



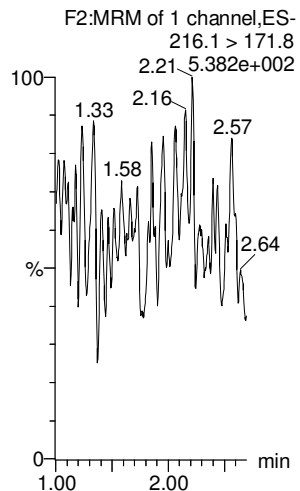
PFHpA



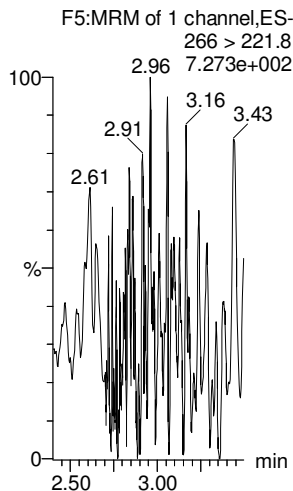
PFHxS



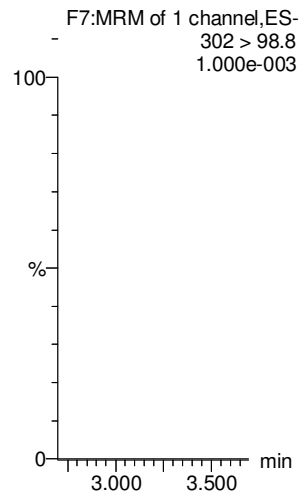
13C3-PFBA



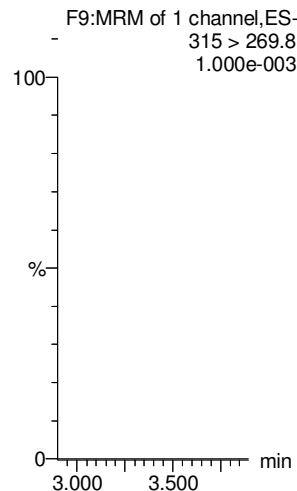
13C3-PFPeA



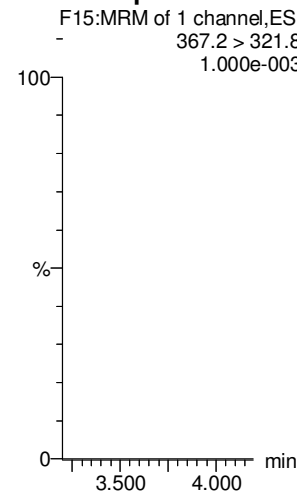
13C3-PFBS



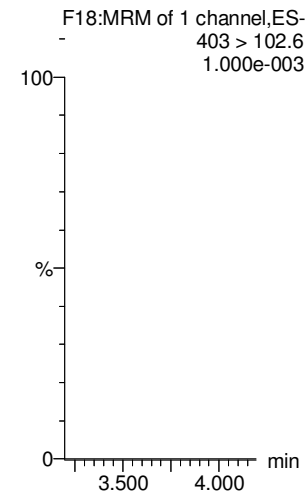
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



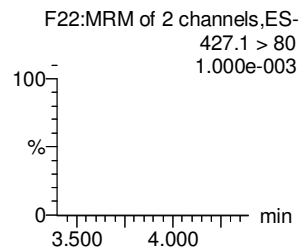
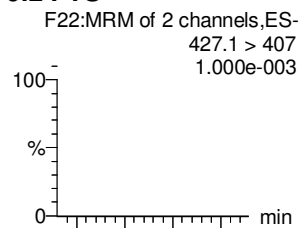
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Last Altered: Thursday, August 31, 2017 08:50:07 Pacific Daylight Time

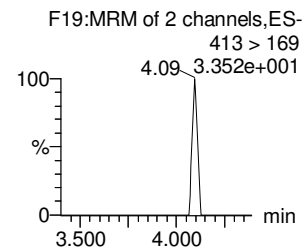
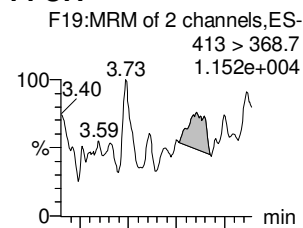
Printed: Thursday, August 31, 2017 08:51:40 Pacific Daylight Time

Name: 170830M1_13, Date: 30-Aug-2017, Time: 18:54:45, ID: IPA, Description: IPA

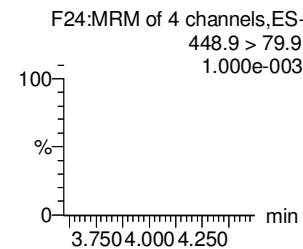
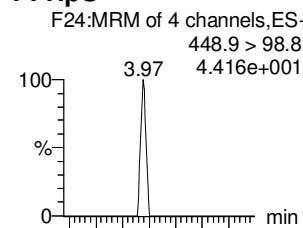
6:2 FTS



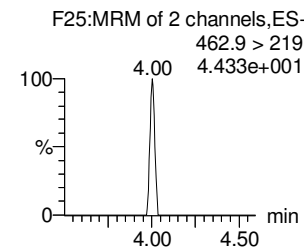
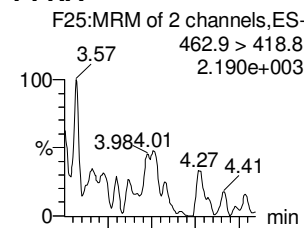
PFOA



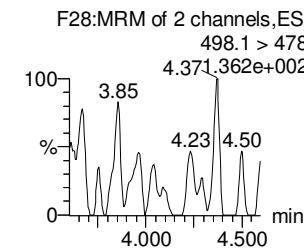
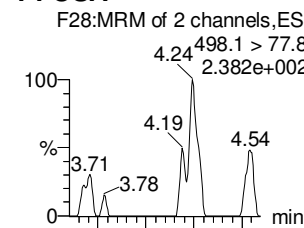
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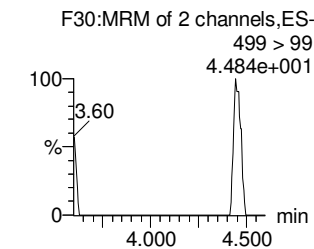
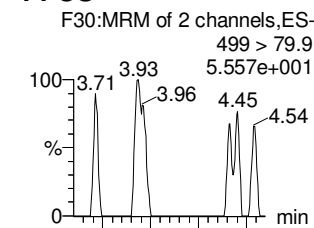
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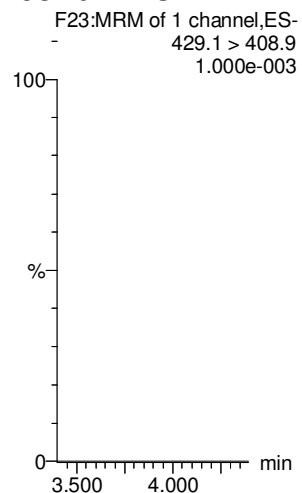
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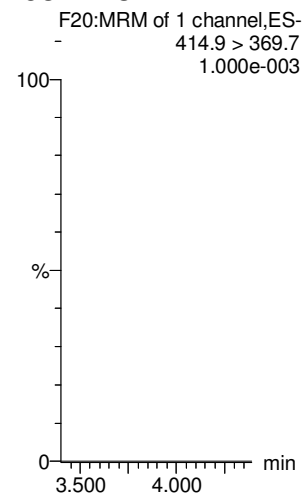
PFOS



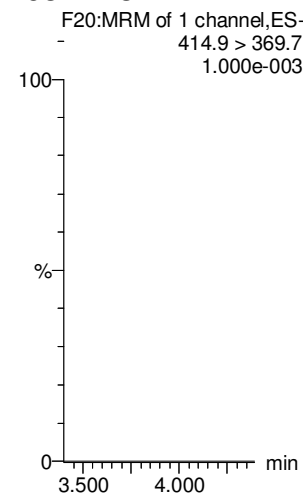
13C2-6:2 FTS



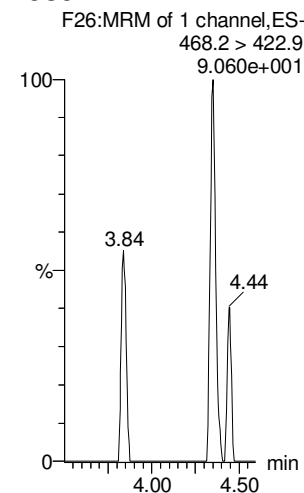
13C2-PFOA



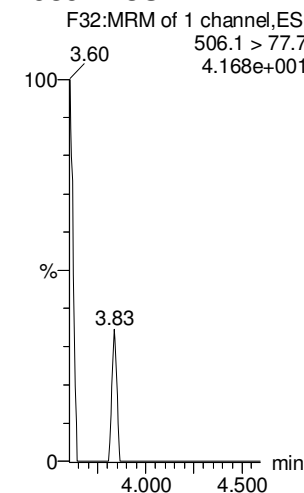
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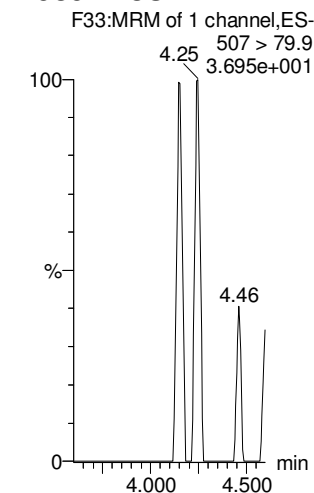
13C5-PFNA



13C8-PFOSA



13C8-PFOS



Dataset: Untitled

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Name: 170830M1_13, Date: 30-Aug-2017, Time: 18:54:45, ID: IPA, Description: IPA

PFDA

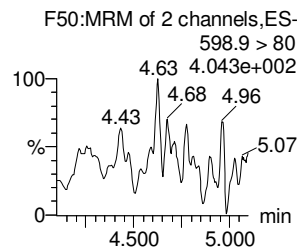
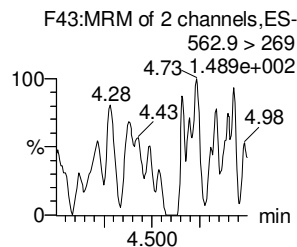
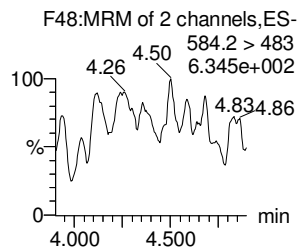
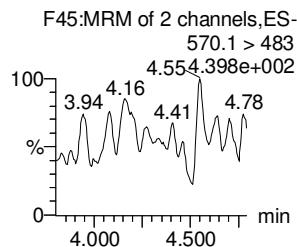
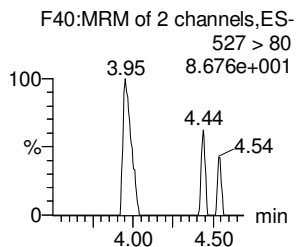
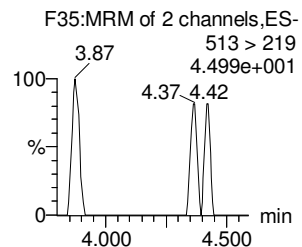
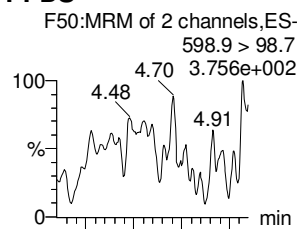
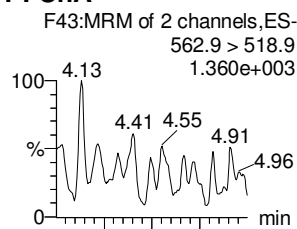
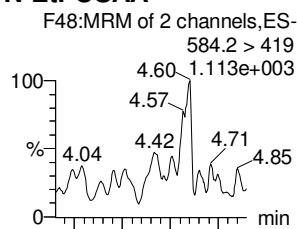
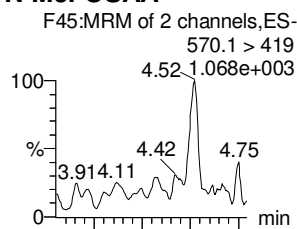
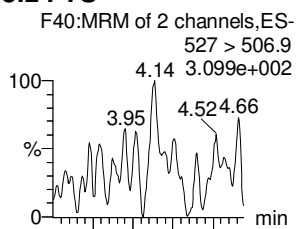
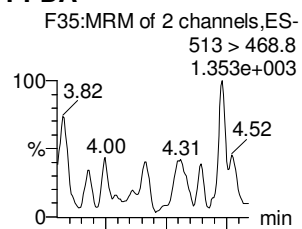
8:2 FTS

N-MeFOSAA

N-EtFOSAA

PFUnA

PFDS



13C2-PFDA

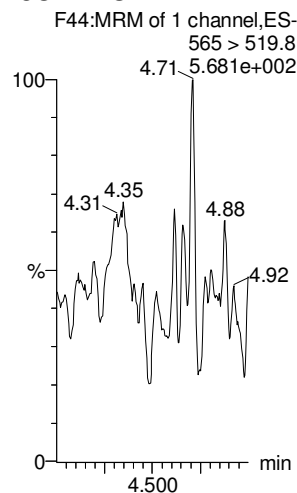
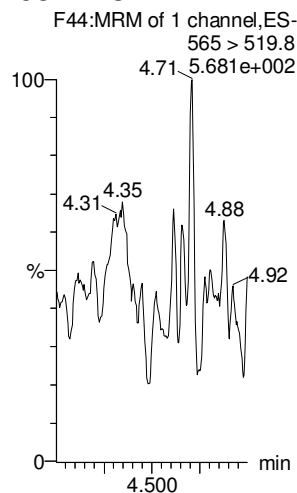
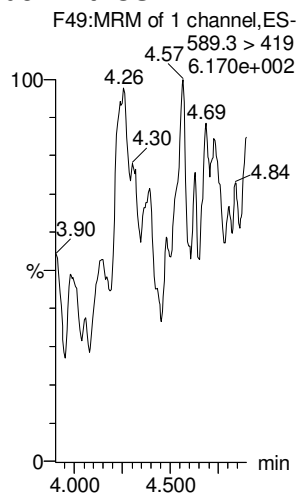
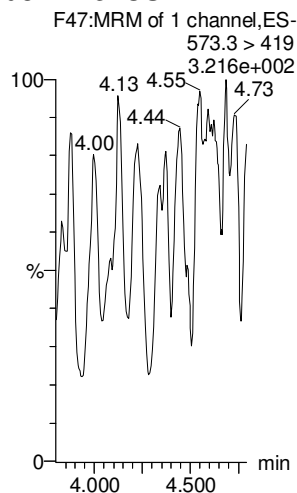
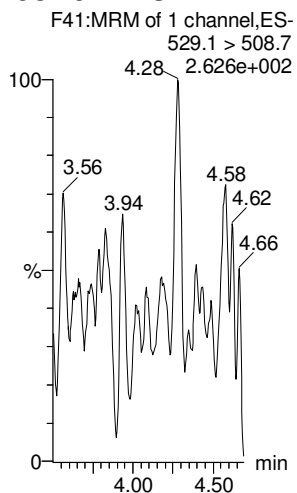
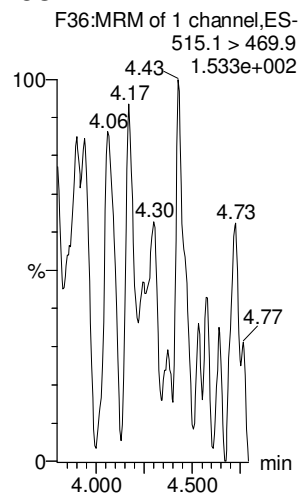
13C2-8:2 FTS

d3-N-MeFOSAA

d5-N-EtFOSAA

13C2-PFUnA

13C2-PFUnA



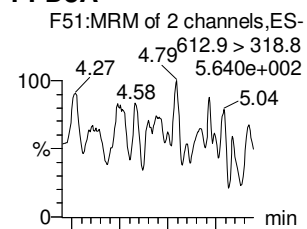
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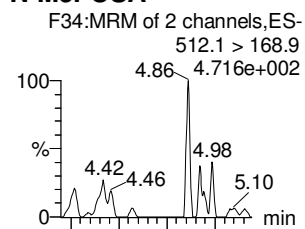
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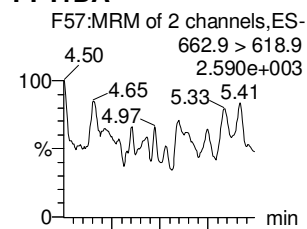
PFDoA



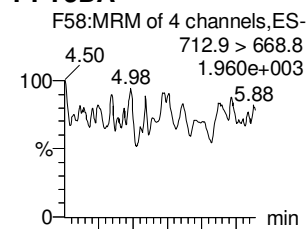
N-MeFOSA



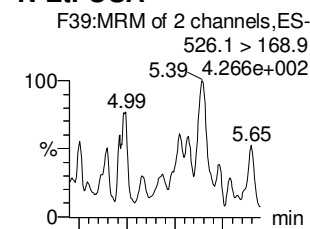
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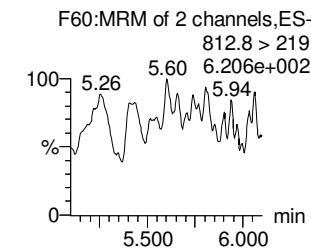
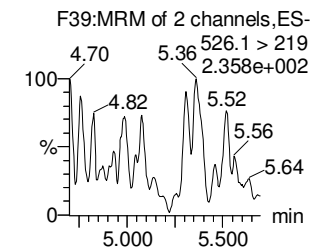
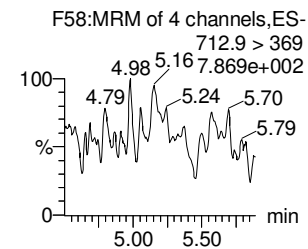
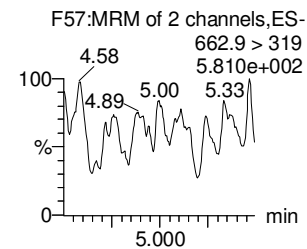
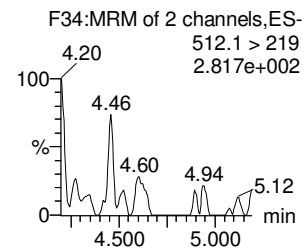
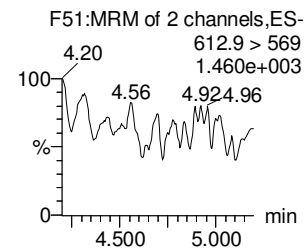
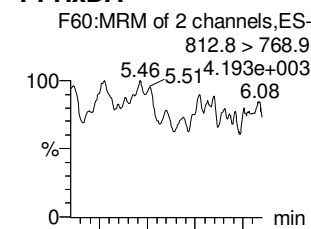
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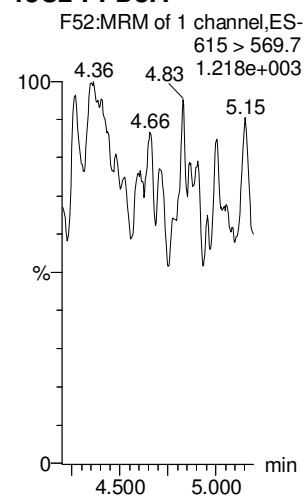
N-EtFOSA



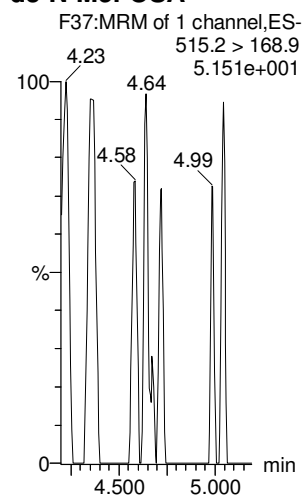
PFHxDA



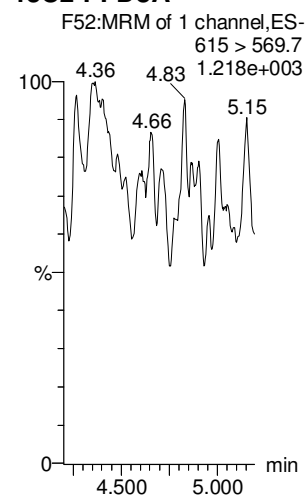
13C2-PFDoA



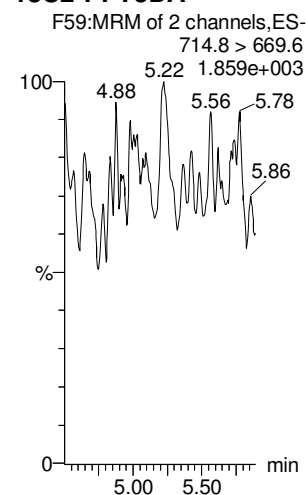
d3-N-MeFOSA



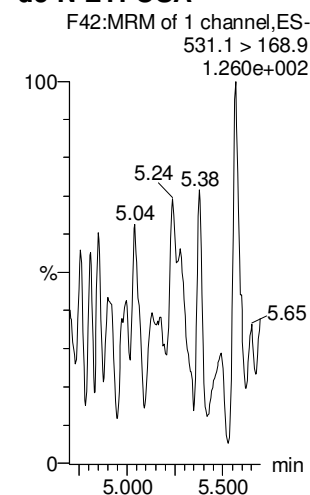
13C2-PFDoA



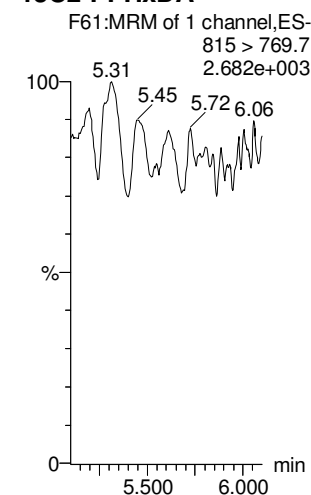
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



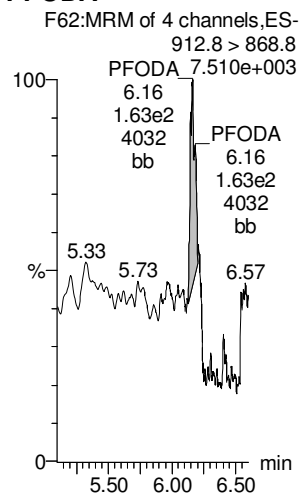
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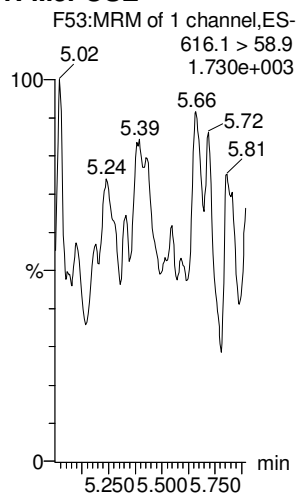
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Name: 170830M1_13, Date: 30-Aug-2017, Time: 18:54:45, ID: IPA, Description: IPA

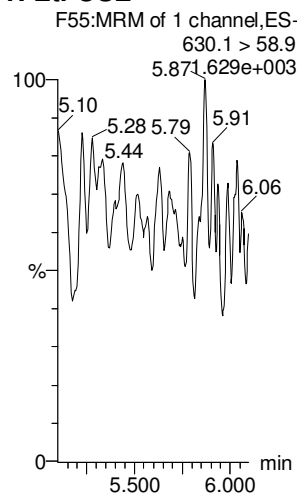
PFODA



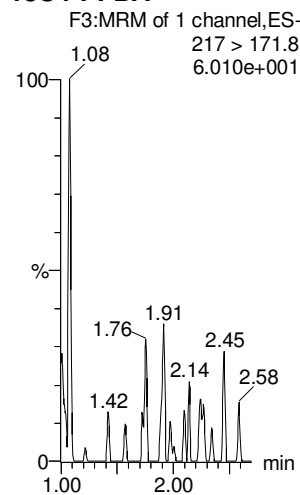
N-MeFOSE



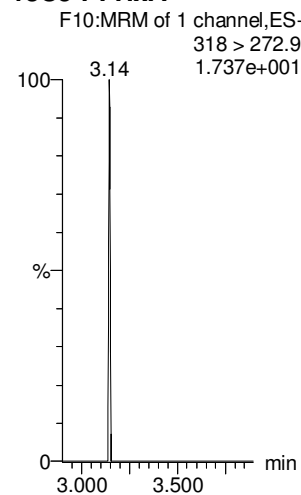
N-EtFOSE



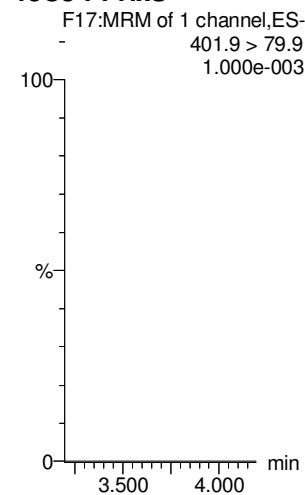
13C4-PFBA



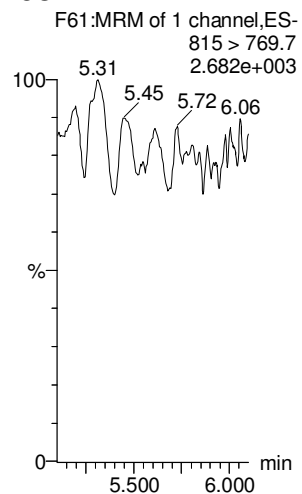
13C5-PFHxA



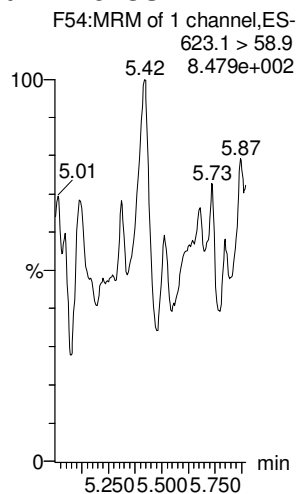
13C3-PFHxS



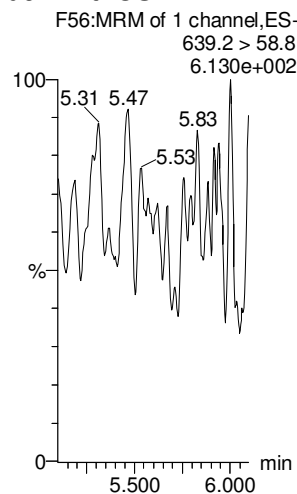
13C2-PFHxDA



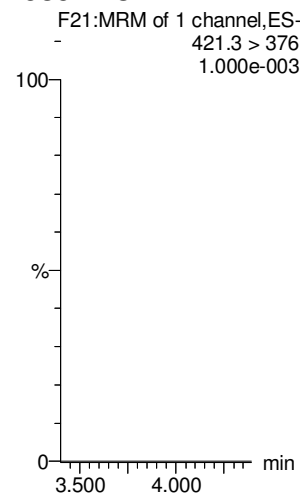
d7-N-MeFOSE



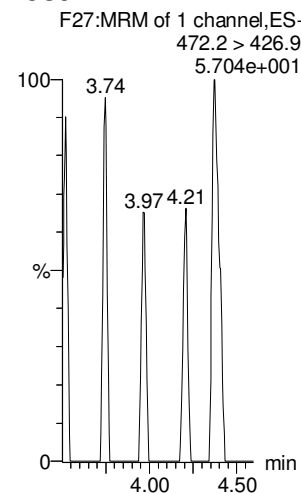
d9-N-EtFOSE



13C8-PFOA



13C9-PFNA



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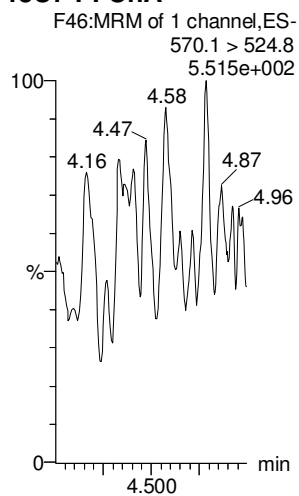
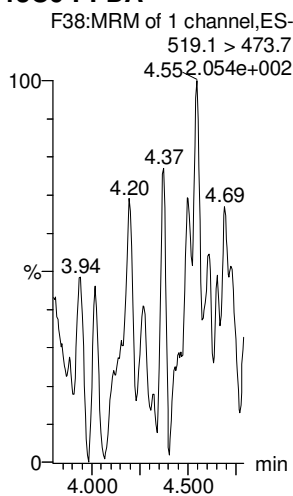
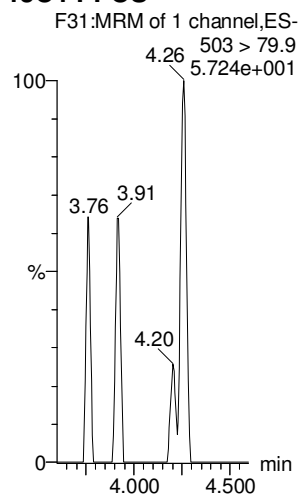
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Name: 170830M1_13, Date: 30-Aug-2017, Time: 18:54:45, ID: IPA, Description: IPA

13C4-PFOS

13C6-PFDA

13C7-PFUnA



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"ug/L"																			
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"MINS-LW01-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7782-49-2"	"Selenium"	"110"	"TRG"	"Yes"	"Y"	"N"	"3.9"	"20"	"20"	"ug/L"		
"ug/L"																			
"MINS-LW01-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-22-4"	"Silver"	"50"	"TRG"	"Yes"	"N"	"U"	"N"	"5.6"	"50"	"50"	"ug/L"	
"ug/L"																			
"MINS-LW01-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-28-0"	"Thallium"	"10"	"TRG"	"Yes"	"N"	"U"	"N"	"1.8"	"10"	"10"	"ug/L"	
"ug/L"																			
"MINS-LW01-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-62-2"	"Vanadium"	"50"	"TRG"	"Yes"	"N"	"U"	"N"	"10"	"50"	"50"	"ug/L"	
"ug/L"																			
"MINS-LW01-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-66-6"	"Zinc"	"100"	"TRG"	"Yes"	"N"	"U"	"N"	"27"	"100"	"100"	"ug/L"	
"ug/L"																			
"MINS-LW01-20180116"	"7470A"	"01/24/18"	"00:00:00"	"T"	"NA"	"000"	"7439-97-6"	"Mercury"	"0.4"	"TRG"	"Yes"	"N"	"U"	"N"	"0.12"	"0.4"	"0.4"	"ug/L"	
"ug/L"																			
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-36-0"	"Antimony"	"60"	"TRG"	"Yes"	"N"	"U"	"N"	"13"	"60"	"60"	"ug/L"	
"ug/L"																			
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-38-2"	"Arsenic"	"61.6"	"TRG"	"Yes"	"Y"	"N"	"3.1"	"20"	"20"	"ug/L"		
"ug/L"																			
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-39-3"	"Barium"	"107"	"TRG"	"Yes"	"Y"	"N"	"6.1"	"50"	"50"	"ug/L"		
"ug/L"																			
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-41-7"	"Beryllium"	"10"	"TRG"	"Yes"	"N"	"U"	"N"	"3.1"	"10"	"10"	"ug/L"	
"ug/L"																			
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-43-9"	"Cadmium"	"10"	"TRG"	"Yes"	"N"	"U"	"N"	"0.74"	"10"	"10"	"ug/L"	
"ug/L"	"ug/L"																		
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-47-3"	"Chromium"	"50"	"TRG"	"Yes"	"N"	"U"	"N"	"1.6"	"50"	"50"	"ug/L"	
"ug/L"	"ug/L"																		
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-48-4"	"Cobalt"	"65.2"	"TRG"	"Yes"	"Y"	"N"	"0.8"	"20"	"20"	"ug/L"		
"ug/L"																			
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-50-8"	"Copper"	"100"	"TRG"	"Yes"	"Y"	"N"	"2.4"	"60"	"60"	"ug/L"		
"ug/L"																			
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7439-92-1"	"Lead"	"50"	"TRG"	"Yes"	"N"	"U"	"N"	"7.6"	"50"	"50"	"ug/L"	
"ug/L"	"ug/L"																		
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7439-98-7"	"Molybdenum"	"50"	"TRG"	"Yes"	"N"	"U"	"N"	"36"	"50"	"50"	"ug/L"	
"ug/L"	"ug/L"																		
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-02-0"	"Nickel"	"353"	"TRG"	"Yes"	"Y"	"N"	"11.8"	"100"	"100"	"ug/L"		
"ug/L"																			
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7782-49-2"	"Selenium"	"218"	"TRG"	"Yes"	"Y"	"N"	"3.9"	"20"	"20"	"ug/L"		
"ug/L"																			
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-22-4"	"Silver"	"50"	"TRG"	"Yes"	"N"	"U"	"N"	"5.6"	"50"	"50"	"ug/L"	
"ug/L"																			
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-28-0"	"Thallium"	"10"	"TRG"	"Yes"	"N"	"U"	"N"	"1.8"	"10"	"10"	"ug/L"	
"ug/L"																			
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-62-2"	"Vanadium"	"50"	"TRG"	"Yes"	"N"	"U"	"N"	"10"	"50"	"50"	"ug/L"	
"ug/L"																			
"MINS-LW02-20180116"	"6020"	"01/24/18"	"00:00:00"	"T"	"NA"	"DL1"	"7440-66-6"	"Zinc"	"205"	"TRG"	"Yes"	"Y"	"N"	"27"	"100"	"100"	"ug/L"		
"ug/L"	"ug/L"																		
"MINS-LW02-20180116"	"7470A"	"01/24/18"	"00:00:00"	"T"	"NA"	"000"	"7439-97-6"	"Mercury"	"0.4"	"TRG"	"Yes"	"N"	"U"	"N"	"0.12"	"0.4"	"0.4"	"ug/L"	
"ug/L"																			
"QC1186906LCS1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7440-36-0"	"Antimony"	"101.2"	"SC"	"Yes"	"Y"	"N"	"0"	"0"	"Percent"			
"Percent"	"50"	"101.2"	"101.2"																
"QC1186906LCS1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7440-38-2"	"Arsenic"	"97.8"	"SC"	"Yes"	"Y"	"N"	"0"	"0"	"Percent"			
"50"	"97.8"	"97.8"	"80"	"120"															
"QC1186906LCS1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7440-39-3"	"Barium"	"90.6"	"SC"	"Yes"	"Y"	"N"	"0"	"0"	"Percent"			
"50"	"90.6"	"90.6"	"80"	"120"															
"QC1186906LCS1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7440-41-7"	"Beryllium"	"112.8"	"SC"	"Yes"	"Y"	"N"	"0"	"0"	"Percent"			
"Percent"	"50"	"112.8"	"112.8"																

"QC1186906LCS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-43-9" "Cadmium" "100.8" "SC" "Yes" "Y" "N" "0" "0" "Percent"
"Percent" "50" "100.8" "100.8" "80" "120"
"QC1186906LCS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-47-3" "Chromium" "93" "SC" "Yes" "Y" "N" "0" "0" "Percent"
"Percent" "50" "93" "93" "80" "120"
"QC1186906LCS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-48-4" "Cobalt" "94.8" "SC" "Yes" "Y" "N" "0" "0" "Percent" "Percent"
"50" "94.8" "94.8" "80" "120"
"QC1186906LCS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-50-8" "Copper" "91" "SC" "Yes" "Y" "N" "0" "0" "Percent" "Percent"
"50" "91" "91" "80" "120"
"QC1186906LCS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7439-92-1" "Lead" "101.2" "SC" "Yes" "Y" "N" "0" "0" "Percent" "Percent"
"50" "101.2" "101.2" "80" "120"
"QC1186906LCS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7439-98-7" "Molybdenum" "90" "SC" "Yes" "Y" "N" "0" "0" "Percent"
"Percent" "50" "90" "90" "80" "120"
"QC1186906LCS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-02-0" "Nickel" "94" "SC" "Yes" "Y" "N" "0" "0" "Percent" "Percent"
"50" "94" "94" "80" "120"
"QC1186906LCS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7782-49-2" "Selenium" "105" "SC" "Yes" "Y" "N" "0" "0" "Percent"
"Percent" "50" "105" "105" "80" "120"
"QC1186906LCS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-22-4" "Silver" "91.2" "SC" "Yes" "Y" "N" "0" "0" "Percent" "Percent"
"50" "91.2" "91.2" "80" "120"
"QC1186906LCS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-28-0" "Thallium" "98.8" "SC" "Yes" "Y" "N" "0" "0" "Percent"
"Percent" "50" "98.8" "98.8" "80" "120"
"QC1186906LCS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-62-2" "Vanadium" "92.6" "SC" "Yes" "Y" "N" "0" "0" "Percent"
"Percent" "50" "92.6" "92.6" "80" "120"
"QC1186906LCS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-66-6" "Zinc" "105.4" "SC" "Yes" "Y" "N" "0" "0" "Percent" "Percent"
"50" "105.4" "105.4" "80" "120"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-36-0" "Antimony" "0.2" "TRG" "Yes" "Y" "N" "1.3" "6" "6" "ug/L" "ug/L"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-38-2" "Arsenic" "0.1" "TRG" "Yes" "Y" "N" "0.31" "2" "2" "ug/L" "ug/L"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-39-3" "Barium" "5" "TRG" "Yes" "N" "U" "N" "0.61" "5" "5" "ug/L" "ug/L"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-41-7" "Beryllium" "1" "TRG" "Yes" "N" "U" "N" "0.31" "1" "1" "ug/L" "ug/L"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-43-9" "Cadmium" "0.0" "TRG" "Yes" "Y" "N" "0.074" "1" "1" "ug/L" "ug/L"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-47-3" "Chromium" "5" "TRG" "Yes" "N" "U" "N" "0.16" "5" "5" "ug/L" "ug/L"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-48-4" "Cobalt" "0.0" "TRG" "Yes" "Y" "N" "0.04" "1" "1" "ug/L" "ug/L"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-50-8" "Copper" "3" "TRG" "Yes" "N" "U" "N" "0.12" "3" "3" "ug/L" "ug/L"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7439-92-1" "Lead" "5" "TRG" "Yes" "N" "U" "N" "0.76" "5" "5" "ug/L" "ug/L"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7439-98-7" "Molybdenum" "0.1" "TRG" "Yes" "Y" "N" "3.6" "5" "5" "ug/L" "ug/L"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-02-0" "Nickel" "5" "TRG" "Yes" "N" "U" "N" "0.59" "5" "5" "ug/L" "ug/L"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7782-49-2" "Selenium" "0.1" "TRG" "Yes" "Y" "N" "0.39" "2" "2" "ug/L" "ug/L"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-22-4" "Silver" "0.0" "TRG" "Yes" "Y" "N" "0.56" "5" "5" "ug/L" "ug/L"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-28-0" "Thallium" "0.0" "TRG" "Yes" "Y" "N" "0.18" "1" "1" "ug/L" "ug/L"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-62-2" "Vanadium" "5" "TRG" "Yes" "N" "U" "N" "1" "5" "5" "ug/L" "ug/L"
"QC1186906MB1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-66-6" "Zinc" "10" "TRG" "Yes" "N" "U" "N" "2.7" "10" "10" "ug/L" "ug/L"
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-36-0" "Antimony" "96" "SC" "Yes" "Y" "N" "6" "6" "Percent"
"Percent" "0" "50" "96" "75" "125"
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-38-2" "Arsenic" "84.4" "SC" "Yes" "Y" "N" "2" "2" "Percent" "Percent"
"34.5" "50" "84.4" "84.4" "75" "125"
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-39-3" "Barium" "0" "SC" "Yes" "Y" "N" "5" "5" "Percent" "Percent"
"992" "50" "0" "0" "75" "125" "*" "
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-41-7" "Beryllium" "88.4" "SC" "Yes" "Y" "N" "1" "1" "Percent"
"Percent" "0" "50" "88.4" "88.4" "75" "125"
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-43-9" "Cadmium" "78.6" "SC" "Yes" "Y" "N" "1" "1" "Percent"
"Percent" "0" "50" "78.6" "78.6" "75" "125"
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-47-3" "Chromium" "71.76" "SC" "Yes" "Y" "N" "5" "5" "Percent"
"Percent" "7.02" "50" "71.76" "71.76" "75" "125" "*" "
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-48-4" "Cobalt" "83.66" "SC" "Yes" "Y" "N" "1" "1" "Percent" "Percent"
"1.97" "50" "83.66" "83.66" "75" "125"
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-50-8" "Copper" "72" "SC" "Yes" "Y" "N" "3" "3" "Percent" "Percent"
"24.1" "50" "72" "72" "75" "125" "*" "
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7439-92-1" "Lead" "70.8" "SC" "Yes" "Y" "N" "5" "5" "Percent" "Percent"
"0" "50" "70.8" "70.8" "75" "125" "*" "
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7439-98-7" "Molybdenum" "125.2" "SC" "Yes" "Y" "N" "5" "5" "Percent"
"Percent" "0" "50" "125.2" "125.2" "75" "125" "*" "
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-02-0" "Nickel" "72" "SC" "Yes" "Y" "N" "5" "5" "Percent" "Percent"
"104" "50" "72" "72" "75" "125" "*" "
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7782-49-2" "Selenium" "90" "SC" "Yes" "Y" "N" "2" "2" "Percent" "Percent"
"110" "50" "90" "90" "75" "125" "*" "
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-22-4" "Silver" "46.8" "SC" "Yes" "Y" "N" "5" "5" "Percent" "Percent"
"0" "50" "46.8" "46.8" "75" "125" "*" "
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-28-0" "Thallium" "70.8" "SC" "Yes" "Y" "N" "1" "1" "Percent" "Percent"
"0" "50" "70.8" "70.8" "75" "125" "*" "
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-62-2" "Vanadium" "78.2" "SC" "Yes" "Y" "N" "5" "5" "Percent"
"Percent" "0" "50" "78.2" "78.2" "75" "125" "*" "
"QC1186906MS1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-66-6" "Zinc" "108.8" "SC" "Yes" "Y" "N" "10" "10" "Percent" "Percent"
"0" "50" "108.8" "108.8" "75" "125" "*" "
"QC1186906MSD1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-36-0" "Antimony" "97.4" "SC" "Yes" "Y" "N" "6" "6" "Percent"
"Percent" "0" "50" "97.4" "97.4" "1.44778" "75" "125" "20"
"QC1186906MSD1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-38-2" "Arsenic" "76.8" "SC" "Yes" "Y" "N" "2" "2" "Percent"
"Percent" "34.5" "50" "76.8" "76.8" "5.08021" "75" "125" "20"
"QC1186906MSD1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-39-3" "Barium" "0" "SC" "Yes" "Y" "N" "5" "5" "Percent" "Percent"
"992" "50" "0" "0" "0.104987" "75" "125" "20" "*" "
"QC1186906MSD1" "6020" "01/23/18" "00:00:00" "T" "NA" "000" "7440-41-7" "Beryllium" "86.4" "SC" "Yes" "Y" "N" "1" "1" "Percent"

"Percent"	"0"	"50"	"86.4"	"86.4"	"2.28833"	"75"	"125"	"20"												
"QC1186906MSD1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7440-43-9"	"Cadmium"	"78.8"	"SC"	"Yes"	"Y"	"N"	"1"	"1"	"Percent"				
"Percent"	"0"	"50"	"78.8"	"78.8"	"0.25413"	"75"	"125"	"20"												
"QC1186906MSD1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7440-47-3"	"Chromium"	"68.76"	"SC"	"Yes"	"Y"	"N"	"5"	"5"	"Percent"				
"Percent"	"7.02"	"50"	"68.76"	"68.76"	"3.55872"	"75"	"125"	"20"												
"QC1186906MSD1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7440-48-4"	"Cobalt"	"81.86"	"SC"	"Yes"	"Y"	"N"	"1"	"1"	"Percent"				
"Percent"	"1.97"	"50"	"81.86"	"81.86"	"2.07612"	"75"	"125"	"20"												
"QC1186906MSD1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7440-50-8"	"Copper"	"70.6"	"SC"	"Yes"	"Y"	"N"	"3"	"3"	"Percent"				
"Percent"	"24.1"	"50"	"70.6"	"70.6"	"1.17155"	"75"	"125"	"20"												
"QC1186906MSD1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7439-92-1"	"Lead"	"71.4"	"SC"	"Yes"	"Y"	"N"	"5"	"5"	"Percent"	"Percent"			
"Percent"	"0"	"50"	"71.4"	"71.4"	"0.843882"	"75"	"125"	"20"												
"QC1186906MSD1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7439-98-7"	"Molybdenum"	"126.8"	"SC"	"Yes"	"Y"	"N"	"5"	"5"					
"Percent"	"0"	"50"	"126.8"	"126.8"	"1.26984"	"75"	"125"	"20"												
"QC1186906MSD1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7440-02-0"	"Nickel"	"66"	"SC"	"Yes"	"Y"	"N"	"5"	"5"	"Percent"	"Percent"			
"Percent"	"104"	"50"	"66"	"66"	"2.16606"	"75"	"125"	"20"												
"QC1186906MSD1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7782-49-2"	"Selenium"	"68"	"SC"	"Yes"	"Y"	"N"	"2"	"2"	"Percent"				
"Percent"	"110"	"50"	"68"	"68"	"7.35786"	"75"	"125"	"20"												
"QC1186906MSD1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7440-22-4"	"Silver"	"47"	"SC"	"Yes"	"Y"	"N"	"5"	"5"	"Percent"	"Percent"			
"Percent"	"0"	"50"	"47"	"47"	"0.426439"	"75"	"125"	"20"												
"QC1186906MSD1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7440-28-0"	"Thallium"	"71.4"	"SC"	"Yes"	"Y"	"N"	"1"	"1"	"Percent"				
"Percent"	"0"	"50"	"71.4"	"71.4"	"0.843882"	"75"	"125"	"20"												
"QC1186906MSD1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7440-62-2"	"Vanadium"	"77.4"	"SC"	"Yes"	"Y"	"N"	"5"	"5"	"Percent"				
"Percent"	"0"	"50"	"77.4"	"77.4"	"1.02828"	"75"	"125"	"20"												
"QC1186906MSD1"	"6020"	"01/23/18"	"00:00:00"	"T"	"NA"	"000"	"7440-66-6"	"Zinc"	"104.2"	"SC"	"Yes"	"Y"	"N"	"10"	"10"	"Percent"				
"Percent"	"0"	"50"	"104.2"	"104.2"	"4.31925"	"75"	"125"	"20"												
"QC1186952LCS1"	"7470A"	"01/24/18"	"16:01:00"	"T"	"NA"	"000"	"7439-97-6"	"Mercury"	"98.8"	"SC"	"Yes"	"Y"	"N"	"0"	"0"	"Percent"				
"Percent"	"5"	"98.8"	"98.8"			"80"	"120"													
"QC1186952MB1"	"7470A"	"01/24/18"	"15:59:00"	"T"	"NA"	"000"	"7439-97-6"	"Mercury"	"0.4"	"TRG"	"Yes"	"N"	"U"	"N"	"0.12"	"0.4"	"0.4"			
"ug/L"	"ug/L"																			
"MINS-LW01-20180116"	"8015D"	"01/26/18"	"14:27:00"	"N"	"IC""000"	"68334-30-5"	"Diesel C10-C24"	"2800"		"TRG"	"Yes"	"Y"	"Y"	"Y"	"16"	"50"	"50"	"ug/L"		
"ug/L"																				
"MINS-LW01-20180116"	"8015D"	"01/26/18"	"14:27:00"	"N"	"IC""000"	"0"	"Motor Oil C24-C36"	"1900"		"TRG"	"Yes"	"Y"	"Y"	"Y"	"96"	"300"	"300"			
"ug/L"	"ug/L"																			
"MINS-LW01-20180116"	"8015D"	"01/26/18"	"14:27:00"	"N"	"IC""000"	"84-15-1""o-Terphenyl"	"89"	"SUR"	"Yes"	"Y"	"Y"							"Percent"	"Percent"	
"250.0"	"89"	"89"	"56"	"125"																
"MINS-LW02-20180116"	"8015D"	"01/26/18"	"16:07:00"	"N"	"IC""000"	"68334-30-5"	"Diesel C10-C24"	"270"		"TRG"	"Yes"	"Y"	"Y"	"Y"	"16"	"49"	"49"	"ug/L"		
"ug/L"																				
"MINS-LW02-20180116"	"8015D"	"01/26/18"	"16:07:00"	"N"	"IC""000"	"0"	"Motor Oil C24-C36"	"370"		"TRG"	"Yes"	"Y"	"Y"	"Y"	"94"	"290"	"290"			
"ug/L"	"ug/L"																			
"MINS-LW02-20180116"	"8015D"	"01/26/18"	"16:07:00"	"N"	"IC""000"	"84-15-1""o-Terphenyl"	"102"	"SUR"	"Yes"	"Y"	"Y"								"Percent"	
"Percent"	"245.1"	"102"	"102"			"56"	"125"													
"QC917734"	"8015D"	"01/26/18"	"13:12:00"	"N"	"IC""000"	"68334-30-5"	"Diesel C10-C24"	"50"		"TRG"	"Yes"	"N"	"U"	"Y"	"16"	"50"	"50"	"ug/L"	"ug/L"	
"QC917734"	"8015D"	"01/26/18"	"13:12:00"	"N"	"IC""000"	"0"	"Motor Oil C24-C36"	"300"		"TRG"	"Yes"	"N"	"U"	"Y"	"96"	"300"	"300"	"ug/L"	"ug/L"	
"QC917734"	"8015D"	"01/26/18"	"13:12:00"	"N"	"IC""000"	"84-15-1""o-Terphenyl"	"97"	"SUR"	"Yes"	"Y"	"Y"								"Percent"	"Percent"
"250.0"	"97"	"97"	"56"	"125"																
"QC917735"	"8015D"	"01/26/18"	"13:37:00"	"N"	"IC""000"	"68334-30-5"	"Diesel C10-C24"	"106"		"SC"	"Yes"	"Y"	"Y"	"Y"	"16"	"50.00"	"50.00"	"Percent"		
"Percent"	"2500"	"106"	"106"			"36"	"132"													
"QC917735"	"8015D"	"01/26/18"	"13:37:00"	"N"	"IC""000"	"84-15-1""o-Terphenyl"	"112"	"SUR"	"Yes"	"Y"	"Y"								"Percent"	"Percent"
"250.0"	"112"	"112"	"56"	"125"																
"QC917736"	"8015D"	"01/26/18"	"14:02:00"	"N"	"IC""000"	"68334-30-5"	"Diesel C10-C24"	"105"		"SC"	"Yes"	"Y"	"Y"	"Y"	"16"	"50.00"	"50.00"	"Percent"		
"Percent"	"2500"	"105"	"105"			"1"	"36"	"132"	"30"											
"QC917736"	"8015D"	"01/26/18"	"14:02:00"	"N"	"IC""000"	"84-15-1""o-Terphenyl"	"106"	"SUR"	"Yes"	"Y"	"Y"								"Percent"	"Percent"
"250.0"	"106"	"106"	"56"	"125"																
"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"75-71-8""Freon 12"	"2.0"		"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"	"2.0"	"2.0"				
"ug/L"	"ug/L"																			
"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"74-87-3""Chloromethane"	"2.0"		"TRG"	"Yes"	"N"	"U"	"Y"	"0.4"	"2.0"	"2.0"				
"ug/L"	"ug/L"																			
"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"75-01-4""Vinyl Chloride"	"1.0"		"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"	"1.0"	"1.0"				
"ug/L"	"ug/L"																			
"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"74-83-9""Bromomethane"	"2.0"		"TRG"	"Yes"	"N"	"U"	"Y"	"0.5"	"2.0"	"2.0"				
"ug/L"	"ug/L"																			
"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"75-00-3""Chloroethane"	"2.0"		"TRG"	"Yes"	"N"	"U"	"Y"	"0.4"	"2.0"	"2.0"				
"ug/L"	"ug/L"																			
"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"75-69-4""Trichlorofluoromethane"	"2.0"		"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"2.0"	"2.0"				
"2.0"	"ug/L"	"ug/L"																		
"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"67-64-1""Acetone"	"20"		"TRG"	"Yes"	"N"	"U"	"Y"	"6.6"	"20"	"20"	"ug/L"	"ug/L"		
"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"76-13-1""Freon 113"	"4.0"		"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"	"4.0"	"4.0"				
"ug/L"	"ug/L"																			
"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"75-35-4""1,1-Dichloroethene"	"1.0"		"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"	"1.0"				
"1.0"	"ug/L"	"ug/L"																		
"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"75-09-2""Methylene Chloride"	"20"		"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"20"	"20"	"ug/L"			
"ug/L"																				
"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"75-15-0""Carbon Disulfide"	"1.0"		"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"	"1.0"				
"ug/L"	"ug/L"																			
"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"1634-04-4"	"MTBE"	"1.0"		"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"	"1.0"			
"ug/L"	"ug/L"																			
"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"156-60-5"	"trans-1,2-Dichloroethene"	"1.0"		"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"					
"1.0"	"1.0"	"ug/L"	"ug/L"																	
"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"108-05-4"	"Vinyl Acetate"	"20"		"TRG"	"Yes"	"N"	"U"	"Y"	"0.5"	"20"	"20"	"ug/L"		

"ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"75-34-3""1,1-Dichloroethane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"78-93-3""2-Butanone"	"20"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.0"	"20" "20" "ug/L" "ug/L"
"1.0" "1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"156-59-2" "cis-1,2-Dichloroethene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"0.2"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"594-20-7" "2,2-Dichloropropane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"67-66-3""Chloroform"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0" "1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"74-97-5""Bromochloromethane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"71-55-6""1,1,1-Trichloroethane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"563-58-6" "1,1-Dichloropropene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"56-23-5""Carbon Tetrachloride"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"107-06-2" "1,2-Dichloroethane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"71-43-2""Benzene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0" "1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"79-01-6""Trichloroethene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0" "1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"78-87-5""1,2-Dichloropropane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"75-27-4""Bromodichloromethane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"74-95-3""Dibromomethane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0" "1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"108-10-1" "4-Methyl-2-Pentanone"	"20"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"20" "20"
"1.0" "1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"10061-01-5" "cis-1,3-Dichloropropene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"0.2"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"108-88-3" "Toluene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0" "1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"10061-02-6" "trans-1,3-Dichloropropene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"0.2"
"1.0" "1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"79-00-5""1,1,2-Trichloroethane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"591-78-6" "2-Hexanone"	"20"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"	"20" "20" "ug/L"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"142-28-9" "1,3-Dichloropropane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"127-18-4" "Tetrachloroethene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"124-48-1" "Dibromochloromethane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"0.2"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"106-93-4" "1,2-Dibromoethane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"108-90-7" "Chlorobenzene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"630-20-6" "1,1,1,2-Tetrachloroethane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"0.2"
"1.0" "1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"100-41-4" "Ethylbenzene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"179601-23-1""m,p-Xylenes"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"	"1.0" "1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"95-47-6""o-Xylene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"	"1.0" "1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"100-42-5" "Styrene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0" "1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"75-25-2""Bromoform"	"2.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"	"2.0" "2.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"98-82-8""Isopropylbenzene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0" "1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"79-34-5""1,1,2,2-Tetrachloroethane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"96-18-4""1,2,3-Trichloropropane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"103-65-1" "Propylbenzene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"108-86-1" "Bromobenzene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"108-67-8" "1,3,5-Trimethylbenzene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"	"0.3"
"1.0" "1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"95-49-8""2-Chlorotoluene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"	"1.0" "1.0"
"1.0" "ug/L" "ug/L"	"MINS-LW01-20180116"	"8260C"	"01/18/18"	"19:41:00"	"N"	"IC""DL1"	"106-43-4" "4-Chlorotoluene"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"

"1.0" "MINS-LW01-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"98-06-6""tert-Butylbenzene""1.0"	"TRG" "Yes" "N" "U" "Y" "0.2" "1.0" "1.0"
"MINS-LW01-20180116" "1.0" "ug/L" "ug/L"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"95-63-6""1,2,4-Trimethylbenzene" "1.0"	"TRG" "Yes" "N" "U" "Y" "0.3" "1.0"
"MINS-LW01-20180116" "1.0" "ug/L" "ug/L"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"135-98-8" "sec-Butylbenzene""1.0"	"TRG" "Yes" "N" "U" "Y" "0.2" "1.0"
"MINS-LW01-20180116" "1.0" "ug/L" "ug/L"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"99-87-6""para-Isopropyl Toluene" "1.0"	"TRG" "Yes" "N" "U" "Y" "0.2" "1.0"
"MINS-LW01-20180116" "1.0" "ug/L" "ug/L"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"541-73-1" "1,3-Dichlorobenzene" "1.0"	"TRG" "Yes" "N" "U" "Y" "0.3" "1.0"
"MINS-LW01-20180116" "1.0" "ug/L" "ug/L"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"106-46-7" "1,4-Dichlorobenzene" "1.0"	"TRG" "Yes" "N" "U" "Y" "0.2" "1.0"
"MINS-LW01-20180116" "1.0" "ug/L" "ug/L"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"104-51-8" "n-Butylbenzene" "1.0"	"TRG" "Yes" "N" "U" "Y" "0.2" "1.0"
"MINS-LW01-20180116" "1.0" "ug/L" "ug/L"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"95-50-1""1,2-Dichlorobenzene" "1.0"	"TRG" "Yes" "N" "U" "Y" "0.2" "1.0"
"MINS-LW01-20180116" "4.0" "4.0" "ug/L"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"96-12-8""1,2-Dibromo-3-Chloropropane" "4.0"	"TRG" "Yes" "N" "U" "Y" "0.7"
"MINS-LW01-20180116" "1.0" "1.0" "ug/L"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"120-82-1" "1,2,4-Trichlorobenzene" "1.0"	"TRG" "Yes" "N" "U" "Y" "0.3"
"MINS-LW01-20180116" "4.0" "ug/L" "ug/L"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"87-68-3""Hexachlorobutadiene" "4.0"	"TRG" "Yes" "N" "U" "Y" "0.5" "4.0"
"MINS-LW01-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"91-20-3""Naphthalene""4.0"	"TRG" "Yes" "N" "U" "Y" "0.5" "4.0" "4.0"
"MINS-LW01-20180116" "1.0" "ug/L" "ug/L"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"87-61-6""1,2,3-Trichlorobenzene" "1.0"	"TRG" "Yes" "N" "U" "Y" "0.3" "1.0"
"MINS-LW01-20180116" "Percent" "Percent"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"1868-53-7" "Dibromofluoromethane" "110"	"SUR" "Yes" "Y" "Y"
"MINS-LW01-20180116" "Percent" "Percent"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"80" "120" "17060-07-0" "1,2-Dichloroethane-d4""110"	"SUR" "Yes" "Y" "Y"
"MINS-LW01-20180116" "Percent" "Percent"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"73" "136" "2037-26-5" "Toluene-d8" "100"	"SUR" "Yes" "Y" "Y" "Percent"
"MINS-LW01-20180116" "100.0" "100" "100"	"8260C" "01/18/18"	"19:41:00"	"N" "IC""DL1"	"80" "120" "460-00-4" "Bromofluorobenzene" "112"	"SUR" "Yes" "Y" "Y"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"75-71-8""Freon 12" "1.0"	"TRG" "Yes" "N" "U" "Y" "0.2" "1.0" "1.0"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"74-87-3""Chloromethane" "1.0"	"TRG" "Yes" "N" "U" "Y" "0.2" "1.0" "1.0"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"75-01-4""Vinyl Chloride" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.2" "0.5" "0.5"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"74-83-9""Bromomethane" "1.0"	"TRG" "Yes" "N" "U" "Y" "0.2" "1.0" "1.0"
"MINS-LW02-20180116" "1.0" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"75-00-3""Chloroethane" "1.0"	"TRG" "Yes" "N" "U" "Y" "0.2" "1.0" "1.0"
"MINS-LW02-20180116" "1.0" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"75-69-4""Trichlorofluoromethane" "1.0"	"TRG" "Yes" "N" "U" "Y" "0.1" "1.0"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"67-64-1""Acetone" "10" "TRG" "Yes" "N" "U" "Y" "3.3" "10" "10" "ug/L" "ug/L"	"TRG" "Yes" "N" "U" "Y" "0.2" "2.0" "2.0"
"MINS-LW02-20180116" "0.5" "0.5" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"76-13-1""Freon 113" "2.0"	"TRG" "Yes" "N" "U" "Y" "0.2" "2.0" "2.0"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"75-35-4""1,1-Dichloroethene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"75-09-2""Methylene Chloride" "10"	"TRG" "Yes" "N" "U" "Y" "0.1" "10" "10" "ug/L"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"75-15-0""Carbon Disulfide" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5" "0.5"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"1634-04-4" "MTBE" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5" "0.5"
"MINS-LW02-20180116" "0.5" "0.5" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"156-60-5" "trans-1,2-Dichloroethene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"108-05-4" "Vinyl Acetate" "10"	"TRG" "Yes" "N" "U" "Y" "0.3" "10" "10" "ug/L"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"75-34-3""1,1-Dichloroethane" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "0.5" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"78-93-3""2-Butanone" "10" "TRG" "Yes" "N" "U" "Y" "1.0" "10" "10" "ug/L" "ug/L"	"TRG" "Yes" "N" "U" "Y" "0.1"
"MINS-LW02-20180116" "0.5" "0.5" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"156-59-2" "cis-1,2-Dichloroethene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"594-20-7" "2,2-Dichloropropane" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"67-66-3""Chloroform" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"74-97-5""Bromochloromethane" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"71-55-6""1,1,1-Trichloroethane" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"563-58-6" "1,1-Dichloropropene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "IC""000"	"56-23-5""Carbon Tetrachloride" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"

"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"107-06-2" "1,2-Dichloroethane" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"71-43-2""Benzene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5" "0.5"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"79-01-6""Trichloroethene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"78-87-5""1,2-Dichloropropane" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"75-27-4""Bromodichloromethane" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"74-95-3""Dibromomethane" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5" "0.5"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"108-10-1" "4-Methyl-2-Pentanone" "10"	"TRG" "Yes" "N" "U" "Y" "0.1" "10" "10"
"MINS-LW02-20180116" "0.5" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"10061-01-5" "cis-1,3-Dichloropropene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"108-88-3" "Toluene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5" "0.5"
"MINS-LW02-20180116" "0.5" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"10061-02-6" "trans-1,3-Dichloropropene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"79-00-5""1,1,2-Trichloroethane" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"591-78-6" "2-Hexanone" "10"	"TRG" "Yes" "N" "U" "Y" "0.2" "10" "10" "ug/L"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"142-28-9" "1,3-Dichloropropane" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"127-18-4" "Tetrachloroethene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"124-48-1" "Dibromochloromethane" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"106-93-4" "1,2-Dibromoethane" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"108-90-7" "Chlorobenzene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"630-20-6" "1,1,1,2-Tetrachloroethane" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"100-41-4" "Ethylbenzene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"179601-23-1""m,p-Xylenes" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5" "0.5"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"95-47-6""o-Xylene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5" "0.5"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"100-42-5" "Styrene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5" "0.5"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"75-25-2""Bromoform" "1.0"	"TRG" "Yes" "N" "U" "Y" "0.1" "1.0" "1.0"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"98-82-8""Isopropylbenzene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"79-34-5""1,1,2,2-Tetrachloroethane" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"96-18-4""1,2,3-Trichloropropane" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"103-65-1" "Propylbenzene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"108-86-1" "Bromobenzene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"108-67-8" "1,3,5-Trimethylbenzene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"95-49-8""2-Chlorotoluene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"106-43-4" "4-Chlorotoluene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"98-06-6""tert-Butylbenzene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"95-63-6""1,2,4-Trimethylbenzene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"135-98-8" "sec-Butylbenzene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"99-87-6""para-Isopropyl Toluene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"541-73-1" "1,3-Dichlorobenzene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"106-46-7" "1,4-Dichlorobenzene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"104-51-8" "n-Butylbenzene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116" "0.5" "ug/L" "ug/L"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"95-50-1""1,2-Dichlorobenzene" "0.5"	"TRG" "Yes" "N" "U" "Y" "0.1" "0.5"
"MINS-LW02-20180116"	"8260C" "01/18/18"	"16:43:00"	"N" "1C""000"	"96-12-8""1,2-Dibromo-3-Chloropropane" "2.0"	"TRG" "Yes" "N" "U" "Y" "0.3"

"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "113"	"09:54:00" "113"	"N"	"1C"	"000"	"108-88-3" "80"	"Toluene" "120"	"113"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	"Percent"	
"QC916876" "0.5000"	"8260C" "Percent"	"01/18/18" "Percent"	"09:54:00" "Percent"	"N"	"1C"	"000"	"10061-02-6" "113"	"trans-1,3-Dichloropropene" "73"	"113"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "Percent"	"01/18/18" "Percent"	"09:54:00" "Percent"	"N"	"1C"	"000"	"79-00-5" "77"	"1,1,2-Trichloroethane" "120"	"114"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "109"	"09:54:00" "109"	"N"	"1C"	"000"	"591-78-6" "56"	"2-Hexanone" "135"	"109"	"SC"	"Yes"	"Y"	"Y"	"0.2"	"10.00"	"10.00"	"Percent"	
"QC916876" "Percent"	"8260C" "Percent"	"01/18/18" "Percent"	"09:54:00" "Percent"	"N"	"1C"	"000"	"142-28-9" "79"	"1,3-Dichloropropane" "122"	"111"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "115"	"09:54:00" "115"	"N"	"1C"	"000"	"127-18-4" "76"	"Tetrachloroethene" "131"	"115"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "112"	"09:54:00" "112"	"N"	"1C"	"000"	"124-48-1" "74"	"Dibromochloromethane" "120"	"112"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "111"	"09:54:00" "111"	"N"	"1C"	"000"	"106-93-4" "76"	"1,2-Dibromoethane" "120"	"111"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "112"	"09:54:00" "112"	"N"	"1C"	"000"	"108-90-7" "80"	"Chlorobenzene" "120"	"112"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"		
"QC916876" "0.5000"	"8260C" "Percent"	"01/18/18" "Percent"	"09:54:00" "Percent"	"N"	"1C"	"000"	"630-20-6" "15.00"	"1,1,1,2-Tetrachloroethane" "114"	"114"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "114"	"09:54:00" "114"	"N"	"1C"	"000"	"100-41-4" "80"	"Ethylbenzene" "122"	"114"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "30.00"	"01/18/18" "119"	"09:54:00" "119"	"N"	"1C"	"000"	"179601-23-1" "79"	"m,p-Xylenes" "123"	"119"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"		
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "115"	"09:54:00" "115"	"N"	"1C"	"000"	"95-47-6" "77"	"o-Xylene" "120"	"115"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	"Percent"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "115"	"09:54:00" "115"	"N"	"1C"	"000"	"100-42-5" "78"	"Styrene" "120"	"115"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	"Percent"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "109"	"09:54:00" "109"	"N"	"1C"	"000"	"75-25-2" "68"	"Bromoform" "122"	"109"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"1.000"	"1.000"	"Percent"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "113"	"09:54:00" "113"	"N"	"1C"	"000"	"98-82-8" "76"	"Isopropylbenzene" "125"	"113"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "0.5000"	"8260C" "Percent"	"01/18/18" "Percent"	"09:54:00" "Percent"	"N"	"1C"	"000"	"79-34-5" "15.00"	"1,1,2,2-Tetrachloroethane" "109"	"109"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "104"	"09:54:00" "104"	"N"	"1C"	"000"	"96-18-4" "68"	"1,2,3-Trichloropropane" "126"	"104"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "112"	"09:54:00" "112"	"N"	"1C"	"000"	"103-65-1" "76"	"Propylbenzene" "124"	"112"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"		
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "109"	"09:54:00" "109"	"N"	"1C"	"000"	"108-86-1" "80"	"Bromobenzene" "120"	"109"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"		
"QC916876" "0.5000"	"8260C" "Percent"	"01/18/18" "Percent"	"09:54:00" "Percent"	"N"	"1C"	"000"	"108-67-8" "15.00"	"1,3,5-Trimethylbenzene" "109"	"109"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "112"	"09:54:00" "112"	"N"	"1C"	"000"	"95-49-8" "77"	"2-Chlorotoluene" "123"	"112"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"		
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "113"	"09:54:00" "113"	"N"	"1C"	"000"	"106-43-4" "78"	"4-Chlorotoluene" "123"	"113"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"		
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "107"	"09:54:00" "107"	"N"	"1C"	"000"	"98-06-6" "75"	"tert-Butylbenzene" "126"	"107"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"		
"QC916876" "0.5000"	"8260C" "Percent"	"01/18/18" "Percent"	"09:54:00" "Percent"	"N"	"1C"	"000"	"95-63-6" "15.00"	"1,2,4-Trimethylbenzene" "107"	"107"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "107"	"09:54:00" "107"	"N"	"1C"	"000"	"135-98-8" "76"	"sec-Butylbenzene" "129"	"108"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "107"	"09:54:00" "107"	"N"	"1C"	"000"	"99-87-6" "76"	"para-Isopropyl Toluene" "129"	"107"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "109"	"09:54:00" "109"	"N"	"1C"	"000"	"541-73-1" "80"	"1,3-Dichlorobenzene" "121"	"109"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "109"	"09:54:00" "109"	"N"	"1C"	"000"	"106-46-7" "80"	"1,4-Dichlorobenzene" "120"	"109"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "100"	"09:54:00" "100"	"N"	"1C"	"000"	"104-51-8" "78"	"n-Butylbenzene" "135"	"100"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "109"	"09:54:00" "109"	"N"	"1C"	"000"	"95-50-1" "80"	"1,2-Dichlorobenzene" "120"	"109"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "103"	"09:54:00" "103"	"N"	"1C"	"000"	"96-12-8" "58"	"1,2-Dibromo-3-Chloropropane" "123"	"103"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.3"	"2.000"	"2.000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "91"	"09:54:00" "91"	"N"	"1C"	"000"	"120-82-1" "72"	"1,2,4-Trichlorobenzene" "130"	"91"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "115"	"09:54:00" "115"	"N"	"1C"	"000"	"87-68-3" "69"	"Hexachlorobutadiene" "151"	"115"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.3"	"2.000"	"2.000"	"Percent"
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "82"	"09:54:00" "82"	"N"	"1C"	"000"	"91-20-3" "58"	"Naphthalene" "137"	"82"	"SC"	"Yes"	"Y"	"Y"	"0.3"	"2.000"	"2.000"	"Percent"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "82"	"09:54:00" "82"	"N"	"1C"	"000"	"87-61-6" "64"	"1,2,3-Trichlorobenzene" "139"	"82"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"	
"QC916876" "Percent"	"8260C" "50.00"	"01/18/18" "106"	"09:54:00" "106"	"N"	"1C"	"000"	"1868-53-7" "80"	"Dibromofluoromethane" "120"	"106"	"SUR"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"Percent"	
"QC916876" "Percent"	"8260C" "50.00"	"01/18/18" "102"	"09:54:00" "102"	"N"	"1C"	"000"	"17060-07-0" "73"	"1,2-Dichloroethane-d4" "136"	"102"	"SUR"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"Percent"	
"QC916876" "50.00"	"8260C" "103"	"01/18/18" "103"	"09:54:00" "80"	"N"	"1C"	"000"	"2037-26-5" "120"	"Toluene-d8" "136"	"103"	"SUR"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"Percent"	
"QC916876" "Percent"	"8260C" "15.00"	"01/18/18" "80"	"09:54:00" "80"	"N"	"1C"	"000"	"460-00-4" "120"	"Bromofluorobenzene" "136"	"101"	"SUR"	"Yes"	"Y"	"Y"	"Y"	"0.1"	"0.5000"	"Percent"	

"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"108-90-7"	"Chlorobenzene"	"110"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"110"	"2"	"80"	"120"	"20"							
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"630-20-6"	"1,1,1,2-Tetrachloroethane"	"110"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"110"	"3"	"77"	"120"	"20"							
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"100-41-4"	"Ethylbenzene"	"110"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"110"	"4"	"80"	"122"	"20"							
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"179601-23-1"	"m,p-Xylenes""115"		"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"30.00"	"115"	"115"	"20"									
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"95-47-6"	"o-Xylene"	"113"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"113"	"113"	"2"	"77"	"120"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"100-42-5"	"Styrene""112"		"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"112"	"112"	"3"	"78"	"120"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"75-25-2"	"Bromofom"	"103"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"1.000"	"1.000"			
"Percent"	"Percent"					"15.00"	"103"	"103"	"6"	"68"	"122"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"98-82-8"	"Isopropylbenzene""110"		"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"110"	"110"	"3"	"76"	"125"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"79-34-5"	"1,1,2,2-Tetrachloroethane"	"106"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"106"	"106"	"3"	"73"	"129"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"96-18-4"	"1,2,3-Trichloropropane"	"103"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"103"	"103"	"1"	"68"	"126"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"103-65-1"	"Propylbenzene"	"109"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"109"	"109"	"3"	"76"	"124"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"108-86-1"	"Bromobenzene"	"109"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"109"	"109"	"0"	"80"	"120"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"108-67-8"	"1,3,5-Trimethylbenzene"	"107"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"107"	"107"	"3"	"78"	"127"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"95-49-8"	"2-Chlorotoluene"	"108"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"108"	"108"	"3"	"77"	"123"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"106-43-4"	"4-Chlorotoluene"	"109"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"109"	"109"	"4"	"78"	"123"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"98-06-6"	"tert-Butylbenzene""104"		"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"104"	"104"	"3"	"75"	"126"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"95-63-6"	"1,2,4-Trimethylbenzene"	"101"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"101"	"101"	"5"	"77"	"122"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"135-98-8"	"sec-Butylbenzene""104"		"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"104"	"104"	"4"	"76"	"129"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"99-87-6"	"para-Isopropyl Toluene"	"104"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"104"	"104"	"3"	"76"	"129"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"541-73-1"	"1,3-Dichlorobenzene"	"110"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"110"	"110"	"0"	"80"	"121"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"106-46-7"	"1,4-Dichlorobenzene"	"108"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"108"	"108"	"1"	"80"	"120"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"104-51-8"	"n-Butylbenzene"	"95"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"95"	"95"	"5"	"78"	"135"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"95-50-1"	"1,2-Dichlorobenzene"	"109"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"109"	"109"	"0"	"80"	"120"	"20"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"96-12-8"	"1,2-Dibromo-3-Chloropropane"	"99"	"SC"	"Yes"	"Y"	"Y"	"0.3"	"2.000"	"2.000"			
"Percent"	"Percent"					"15.00"	"99"	"99"	"4"	"58"	"123"	"21"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"120-82-1"	"1,2,4-Trichlorobenzene"	"81"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"81"	"81"	"12"	"130"	"20"							
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"87-68-3"	"Hexachlorobutadiene"	"97"	"SC"	"Yes"	"Y"	"Y"	"0.3"	"2.000"	"2.000"			
"Percent"	"Percent"					"15.00"	"97"	"97"	"16"	"69"	"151"	"22"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"91-20-3"	"Naphthalene"	"77"	"SC"	"Yes"	"Y"	"Y"	"0.3"	"2.000"	"2.000"			
"Percent"	"Percent"					"15.00"	"77"	"77"	"7"	"58"	"137"	"21"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"87-61-6"	"1,2,3-Trichlorobenzene"	"75"	"SC"	"Yes"	"Y"	"Y"	"0.1"	"0.5000"	"0.5000"			
"Percent"	"Percent"					"15.00"	"75"	"75"	"9"	"64"	"139"	"21"						
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"1868-53-7"	"Dibromofluoromethane"	"106"	"SUR"	"Yes"	"Y"	"Y"			"Percent"			
"Percent"	"Percent"					"50.00"	"106"	"106"	"80"	"120"								
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"17060-07-0"	"1,2-Dichloroethane-d4""101"		"SUR"	"Yes"	"Y"	"Y"			"Percent"			
"Percent"	"Percent"					"50.00"	"101"	"101"	"73"	"136"								
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"2037-26-5"	"Toluene-d8"	"99"	"SUR"	"Yes"	"Y"	"Y"			"Percent"			
"Percent"	"Percent"					"50.00"	"99"	"99"	"80"	"120"								
"QC916877"	"8260C"	"01/18/18"	"10:30:00"	"N"	"1C""000"	"460-00-4"	"Bromofluorobenzene"	"100"	"SUR"	"Yes"	"Y"	"Y"			"Percent"			
"Percent"	"Percent"					"50.00"	"100"	"100"	"80"	"120"								
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"75-71-8"	"Freon 12"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"	"1.0"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"74-87-3"	"Chloromethane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"	"1.0"	"ug/L"	"ug/L"
"ug/L"																		
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"75-01-4"	"Vinyl Chloride"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"0.5"	"0.5"	"ug/L"	"ug/L"
"ug/L"																		
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"74-83-9"	"Bromomethane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"	"1.0"	"ug/L"	"ug/L"
"ug/L"																		
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"75-00-3"	"Chloroethane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"1.0"	"1.0"	"ug/L"	"ug/L"
"ug/L"																		
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"75-69-4"	"Trichlorofluoromethane"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"1.0"	"1.0"	"ug/L"	"ug/L"
"ug/L"																		
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"67-64-1"	"Acetone"	"10"	"TRG"	"Yes"	"N"	"U"	"Y"	"3.3"	"10"	"10"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"76-13-1"	"Freon 113"	"2.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"2.0"	"2.0"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"75-35-4"	"1,1-Dichloroethene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"ug/L"																		

"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"75-09-2""Methylene Chloride"	"10"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"10"	"10"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"75-15-0""Carbon Disulfide"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"1634-04-4"	"MTBE"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"156-60-5"	"trans-1,2-Dichloroethene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"108-05-4"	"Vinyl Acetate"	"10"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"	"10"	"10"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"75-34-3""1,1-Dichloroethane"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"78-93-3""2-Butanone"	"10"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.0"	"10"	"10"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"156-59-2"	"cis-1,2-Dichloroethene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"594-20-7"	"2,2-Dichloropropane"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"67-66-3""Chloroform"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"74-97-5""Bromochloromethane"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"71-55-6""1,1,1-Trichloroethane"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"563-58-6"	"1,1-Dichloropropene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"56-23-5""Carbon Tetrachloride"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"107-06-2"	"1,2-Dichloroethane"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"71-43-2""Benzene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"79-01-6""Trichloroethene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"78-87-5""1,2-Dichloropropane"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"75-27-4""Bromodichloromethane"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"74-95-3""Dibromomethane"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"108-10-1"	"4-Methyl-2-Pentanone""10"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"10"	"10"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"10061-01-5"	"cis-1,3-Dichloropropene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"108-88-3"	"Toluene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"10061-02-6"	"trans-1,3-Dichloropropene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"79-00-5""1,1,2-Trichloroethane"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"591-78-6"	"2-Hexanone"	"10"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.2"	"10"	"10"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"142-28-9"	"1,3-Dichloropropane"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"127-18-4"	"Tetrachloroethene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"124-48-1"	"Dibromochloromethane"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"106-93-4"	"1,2-Dibromoethane"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"108-90-7"	"Chlorobenzene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"630-20-6"	"1,1,1,2-Tetrachloroethane"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"100-41-4"	"Ethylbenzene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"179601-23-1""m,p-Xylenes""0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"95-47-6""o-Xylene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"100-42-5"	"Styrene""0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"75-25-2""Bromoform"	"1.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"1.0"	"1.0"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"98-82-8""Isopropylbenzene""0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"79-34-5""1,1,2,2-Tetrachloroethane"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"96-18-4""1,2,3-Trichloropropane"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"103-65-1"	"Propylbenzene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"108-86-1"	"Bromobenzene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"108-67-8"	"1,3,5-Trimethylbenzene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"95-49-8""2-Chlorotoluene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"106-43-4"	"4-Chlorotoluene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	"ug/L"

"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"98-06-6""tert-Butylbenzene""0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"		
"ug/L"																	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"95-63-6""1,2,4-Trimethylbenzene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"		
"ug/L"	"ug/L"																
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"135-98-8"	"sec-Butylbenzene""0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	
"ug/L"																	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"99-87-6""para-Isopropyl Toluene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"		
"ug/L"	"ug/L"																
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"541-73-1"	"1,3-Dichlorobenzene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	
"ug/L"	"ug/L"																
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"106-46-7"	"1,4-Dichlorobenzene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	
"ug/L"	"ug/L"																
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"104-51-8"	"n-Butylbenzene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"
"ug/L"																	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"95-50-1""1,2-Dichlorobenzene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	"ug/L"	
"ug/L"																	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"96-12-8""1,2-Dibromo-3-Chloropropane"	"2.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"	"2.0"	"2.0"		
"ug/L"	"ug/L"																
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"120-82-1"	"1,2,4-Trichlorobenzene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"	
"ug/L"	"ug/L"																
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"87-68-3""Hexachlorobutadiene"	"2.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"	"2.0"	"2.0"	"ug/L"	
"ug/L"																	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"91-20-3""Naphthalene"	"2.0"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.3"	"2.0"	"2.0"	"ug/L"	
"ug/L"																	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"87-61-6""1,2,3-Trichlorobenzene"	"0.5"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.1"	"0.5"	"0.5"		
"ug/L"	"ug/L"																
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"1868-53-7"	"Dibromofluoromethane"	"101"	"SUR"	"Yes"	"Y"	"Y"				"Percent"	
"Percent"	"50.00"	"101"	"101"														
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"17060-07-0"	"1,2-Dichloroethane-d4""100"	"SUR"	"Yes"	"Y"	"Y"					"Percent"	
"Percent"	"50.00"	"100"	"100"														
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"2037-26-5"	"Toluene-d8"	"106"	"SUR"	"Yes"	"Y"	"Y"				"Percent"	
"50.00"	"106"	"106"														"Percent"	
"QC916880"	"8260C"	"01/18/18"	"13:06:00"	"N"	"1C""000"	"460-00-4"	"Bromofluorobenzene"	"116"	"SUR"	"Yes"	"Y"	"Y"				"Percent"	
"Percent"	"50.00"	"116"	"116"														
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"62-75-9""N-Nitrosodimethylamine"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.4"	"9.8"			
"9.8"	"ug/L"	"ug/L"															
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"108-95-2"	"Phenol"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.0"	"9.8"	"9.8"	
"ug/L"	"ug/L"																
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"111-44-4"	"bis(2-Chloroethyl)ether"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.2"			
"9.8"	"9.8"	"ug/L"	"ug/L"														
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"95-57-8""2-Chlorophenol"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.80"	"9.8"	"9.8"		
"ug/L"	"ug/L"																
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"541-73-1"	"1,3-Dichlorobenzene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.0"	"9.8"		
"9.8"	"ug/L"	"ug/L"															
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"106-46-7"	"1,4-Dichlorobenzene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.0"	"9.8"		
"9.8"	"ug/L"	"ug/L"															
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"100-51-6"	"Benzyl alcohol"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.1"	"9.8"		
"9.8"	"ug/L"	"ug/L"															
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"95-50-1""1,2-Dichlorobenzene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.0"	"9.8"			
"9.8"	"ug/L"	"ug/L"															
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"95-48-7""2-Methylphenol"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.1"	"9.8"	"9.8"		
"ug/L"	"ug/L"																
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"108-60-1"	"bis(2-Chloroisopropyl) ether"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.4"			
"9.8"	"9.8"	"ug/L"	"ug/L"														
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"106-44-5"	"4-Methylphenol"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.7"	"9.8"		
"9.8"	"ug/L"	"ug/L"															
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"621-64-7"	"N-Nitroso-di-n-propylamine"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.2"			
"9.8"	"9.8"	"ug/L"	"ug/L"														
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"67-72-1""Hexachloroethane"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.1"	"9.8"			
"9.8"	"ug/L"	"ug/L"															
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"98-95-3""Nitrobenzene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.2"	"9.8"	"9.8"		
"ug/L"	"ug/L"																
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"78-59-1""Isophorone"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.3"	"9.8"	"9.8"		
"ug/L"	"ug/L"																
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"88-75-5""2-Nitrophenol"	"20"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.6"	"20"	"20"	"ug/L"	
"ug/L"																	
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"105-67-9"	"2,4-Dimethylphenol"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.4"	"9.8"		
"9.8"	"ug/L"	"ug/L"															
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"111-91-1"	"bis(2-Chloroethoxy)methane"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.1"			
"9.8"	"9.8"	"ug/L"	"ug/L"														
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"120-83-2"	"2,4-Dichlorophenol"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.1"	"9.8"		
"9.8"	"ug/L"	"ug/L"															
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"120-82-1"	"1,2,4-Trichlorobenzene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.2"			
"9.8"	"9.8"	"ug/L"	"ug/L"														
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"91-20-3""Naphthalene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.9"	"9.8"	"9.8"		
"ug/L"	"ug/L"																
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"106-47-8"	"4-Chloroaniline"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.0"	"9.8"		
"9.8"	"ug/L"	"ug/L"															
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"87-68-3""Hexachlorobutadiene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.3"	"9.8"			
"9.8"	"ug/L"	"ug/L"															

"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"59-50-7""4-Chloro-3-methylphenol" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.0" "9.8"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"91-57-6""2-Methylnaphthalene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.8" "9.8"
"MINS-LW01-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"77-47-4""Hexachlorocyclopentadiene""20"	"TRG" "Yes" "N" "U" "Y" "4.9" "20" "20"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"88-06-2""2,4,6-Trichlorophenol" "9.8"	"TRG" "Yes" "N" "U" "Y" "0.90" "9.8"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"95-95-4""2,4,5-Trichlorophenol" "9.8"	"TRG" "Yes" "N" "U" "Y" "0.83" "9.8"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"91-58-7""2-Chloronaphthalene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.8" "9.8"
"MINS-LW01-20180116" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"88-74-4""2-Nitroaniline" "20"	"TRG" "Yes" "N" "U" "Y" "1.2" "20" "20" "ug/L"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"131-11-3" "Dimethylphthalate" "9.8"	"TRG" "Yes" "N" "U" "Y" "2.0" "9.8"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"208-96-8" "Acenaphthylene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.7" "9.8"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"606-20-2" "2,6-Dinitrotoluene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.7" "9.8"
"MINS-LW01-20180116" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"99-09-2""3-Nitroaniline" "20"	"TRG" "Yes" "N" "U" "Y" "1.9" "20" "20" "ug/L"
"MINS-LW01-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"83-32-9""Acenaphthene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.8" "9.8" "9.8"
"MINS-LW01-20180116" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"51-28-5""2,4-Dinitrophenol" "20"	"TRG" "Yes" "N" "U" "Y" "4.9" "20" "20" "ug/L"
"MINS-LW01-20180116" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"100-02-7" "4-Nitrophenol" "20"	"TRG" "Yes" "N" "U" "Y" "4.9" "20" "20" "ug/L"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"132-64-9" "Dibenzofuran" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.8" "9.8"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"121-14-2" "2,4-Dinitrotoluene" "9.8"	"TRG" "Yes" "N" "U" "Y" "2.0" "9.8"
"MINS-LW01-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"84-66-2""Diethylphthalate" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.0" "9.8" "9.8"
"MINS-LW01-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"86-73-7""Fluorene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.7" "9.8" "9.8"
"MINS-LW01-20180116" "9.8" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"7005-72-3" "4-Chlorophenyl-phenylether" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.6"
"MINS-LW01-20180116" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"100-01-6" "4-Nitroaniline" "20"	"TRG" "Yes" "N" "U" "Y" "2.4" "20" "20" "ug/L"
"MINS-LW01-20180116" "20" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"534-52-1" "4,6-Dinitro-2-methylphenol""20"	"TRG" "Yes" "N" "U" "Y" "4.9" "20"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"86-30-6""N-Nitrosodiphenylamine" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.6" "9.8"
"MINS-LW01-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"103-33-3" "Azobenzene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.1" "9.8" "9.8"
"MINS-LW01-20180116" "9.8" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"101-55-3" "4-Bromophenyl-phenylether" "9.8"	"TRG" "Yes" "N" "U" "Y" "2.0"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"118-74-1" "Hexachlorobenzene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.9" "9.8"
"MINS-LW01-20180116" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"87-86-5""Pentachlorophenol" "20"	"TRG" "Yes" "N" "U" "Y" "1.9" "20" "20" "ug/L"
"MINS-LW01-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"85-01-8""Phenanthrene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.9" "9.8" "9.8"
"MINS-LW01-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"120-12-7" "Anthracene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.8" "9.8" "9.8"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"84-74-2""Di-n-butylphthalate" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.2" "9.8"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"206-44-0" "Fluoranthene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.9" "9.8"
"MINS-LW01-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"129-00-0" "Pyrene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.6" "9.8" "9.8"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"85-68-7""Butylbenzylphthalate" "9.8"	"TRG" "Yes" "N" "U" "Y" "0.99" "9.8"
"MINS-LW01-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"91-94-1""3,3'-Dichlorobenzidine" "20"	"TRG" "Yes" "N" "U" "Y" "1.0" "20" "20"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"56-55-3""Benzo(a)anthracene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.6" "9.8"
"MINS-LW01-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"218-01-9" "Chrysene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.7" "9.8" "9.8"
"MINS-LW01-20180116" "9.8" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"117-81-7" "bis(2-Ethylhexyl)phthalate" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.8"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"117-84-0" "Di-n-octylphthalate" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.8" "9.8"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"205-99-2" "Benzo(b)fluoranthene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.7" "9.8"
"MINS-LW01-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"207-08-9" "Benzo(k)fluoranthene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.9" "9.8"
"MINS-LW01-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"15:35:00"	"N" "IC""000"	"50-32-8""Benzo(a)pyrene" "9.8"	"TRG" "Yes" "N" "U" "Y" "1.5" "9.8" "9.8"

"ug/L"	"ug/L"																						
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"193-39-5"	"Indeno(1,2,3-cd)pyrene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.8"									
"9.8"	"9.8"	"ug/L"	"ug/L"																				
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"53-70-3"	"Dibenzo(a,h)anthracene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.7"	"9.8"								
"9.8"	"ug/L"	"ug/L"																					
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"191-24-2"	"Benzo(g,h,i)perylene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.8"	"9.8"								
"9.8"	"ug/L"	"ug/L"																					
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"367-12-4"	"2-Fluorophenol"	"78"	"SUR"	"Yes"	"Y"	"Y"			"Percent"								
"Percent"	"39.22"	"78"	"78"																				
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"4165-62-2"	"Phenol-d5"	"75"	"SUR"	"Yes"	"Y"	"Y"			"Percent"								
"Percent"	"39.22"	"75"	"75"																				
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"118-79-6"	"2,4,6-Tribromophenol"	"81"	"SUR"	"Yes"	"Y"	"Y"											
"Percent"	"Percent"	"39.22"	"81"	"81"																			
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"4165-60-0"	"Nitrobenzene-d5"	"81"	"SUR"	"Yes"	"Y"	"Y"			"Percent"								
"Percent"	"39.22"	"81"	"81"																				
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"321-60-8"	"2-Fluorobiphenyl"	"64"	"SUR"	"Yes"	"Y"	"Y"			"Percent"								
"Percent"	"39.22"	"64"	"64"																				
"MINS-LW01-20180116"	"8270D"	"01/22/18"	"15:35:00"	"N"	"1C""000"	"1718-51-0"	"Terphenyl-d14"	"32"	"SUR"	"Yes"	"Y"	"Y"			"Percent"								
"Percent"	"39.22"	"32"	"32"																				
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"62-75-9"	"N-Nitrosodimethylamine"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.4"	"9.8"								
"9.8"	"ug/L"	"ug/L"																					
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"108-95-2"	"Phenol"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.0"	"9.8"	"9.8"							
"ug/L"	"ug/L"																						
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"111-44-4"	"bis(2-Chloroethyl)ether"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.2"									
"9.8"	"9.8"	"ug/L"	"ug/L"																				
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"95-57-8"	"2-Chlorophenol"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.80"	"9.8"	"9.8"							
"ug/L"	"ug/L"																						
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"541-73-1"	"1,3-Dichlorobenzene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.0"	"9.8"								
"9.8"	"ug/L"	"ug/L"																					
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"106-46-7"	"1,4-Dichlorobenzene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.0"	"9.8"								
"9.8"	"ug/L"	"ug/L"																					
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"100-51-6"	"Benzyl alcohol"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.1"	"9.8"								
"9.8"	"ug/L"	"ug/L"																					
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"95-50-1"	"1,2-Dichlorobenzene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.0"	"9.8"								
"9.8"	"ug/L"	"ug/L"																					
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"95-48-7"	"2-Methylphenol"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.1"	"9.8"	"9.8"							
"ug/L"	"ug/L"																						
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"108-60-1"	"bis(2-Chloroisopropyl) ether"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.4"									
"9.8"	"9.8"	"ug/L"	"ug/L"																				
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"106-44-5"	"4-Methylphenol"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.7"	"9.8"								
"9.8"	"ug/L"	"ug/L"																					
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"621-64-7"	"N-Nitroso-di-n-propylamine"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.2"									
"9.8"	"9.8"	"ug/L"	"ug/L"																				
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"67-72-1"	"Hexachloroethane"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.1"	"9.8"								
"9.8"	"ug/L"	"ug/L"																					
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"98-95-3"	"Nitrobenzene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.2"	"9.8"	"9.8"							
"ug/L"	"ug/L"																						
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"78-59-1"	"Isophorone"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.3"	"9.8"	"9.8"							
"ug/L"	"ug/L"																						
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"88-75-5"	"2-Nitrophenol"	"20"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.6"	"20"	"20"	"ug/L"						
"ug/L"	"ug/L"																						
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"105-67-9"	"2,4-Dimethylphenol"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.4"	"9.8"								
"9.8"	"ug/L"	"ug/L"																					
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"111-91-1"	"bis(2-Chloroethoxy)methane"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.1"									
"9.8"	"9.8"	"ug/L"	"ug/L"																				
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C""000"	"120-83-2"	"2,4-Dichlorophenol"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.1"	"9.8"	"9.8"							
"ug/L"	"ug/L"																						
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C"	"000"	"120-82-1"	"1,2,4-Trichlorobenzene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.2"	"9.8"							
"9.8"	"ug/L"	"ug/L"																					
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C"	"000"	"91-20-3"	"Naphthalene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.9"	"9.8"	"9.8"	"ug/L"					
"ug/L"	"ug/L"																						
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C"	"000"	"106-47-8"	"4-Chloroaniline"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.0"	"9.8"	"9.8"						
"ug/L"	"ug/L"																						
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C"	"000"	"87-68-3"	"Hexachlorobutadiene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.3"	"9.8"	"9.8"						
"ug/L"	"ug/L"																						
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C"	"000"	"59-50-7"	"4-Chloro-3-methylphenol"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.0"	"9.8"							
"9.8"	"ug/L"	"ug/L"																					
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C"	"000"	"91-57-6"	"2-Methylnaphthalene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.8"	"9.8"	"9.8"						
"ug/L"	"ug/L"																						
"MINS-LW02-20180116"	"8270D"	"01/22/18"	"16:04:00"	"N"	"1C"	"000"	"77-47-4"	"Hexachlorocyclopentadiene"	"20"	"TRG"	"Yes"	"N"	"U"	"Y"	"4.9"	"20"							
"20"	"ug/L"	"ug/L"</																					

"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"131-11-3"	"Dimethylphthalate"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.0"	"9.8"	"9.8"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"208-96-8"	"Acenaphthylene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.7"	"9.8"	"9.8"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"606-20-2"	"2,6-Dinitrotoluene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.7"	"9.8"	"9.8"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"99-09-2"	"3-Nitroaniline"	"20"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.9"	"20"	"20"
"MINS-LW02-20180116" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"83-32-9"	"Acenaphthene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.8"	"9.8"	"9.8" "ug/L"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"51-28-5"	"2,4-Dinitrophenol"	"20"	"TRG"	"Yes"	"N"	"U"	"Y"	"4.9"	"20"	"20"
"MINS-LW02-20180116" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"100-02-7"	"4-Nitrophenol"	"20"	"TRG"	"Yes"	"N"	"U"	"Y"	"4.9"	"20"	"20" "ug/L"
"MINS-LW02-20180116" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"132-64-9"	"Dibenzofuran"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.8"	"9.8"	"9.8" "ug/L"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"121-14-2"	"2,4-Dinitrotoluene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.0"	"9.8"	"9.8"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"84-66-2"	"Diethylphthalate"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.0"	"9.8"	"9.8"
"MINS-LW02-20180116" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"86-73-7"	"Fluorene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.7"	"9.8"	"9.8" "ug/L"
"MINS-LW02-20180116" "9.8" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"7005-72-3"	"4-Chlorophenyl-phenylether"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.6"		
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"100-01-6"	"4-Nitroaniline"	"20"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.4"	"20"	"20"
"MINS-LW02-20180116" "20" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"534-52-1"	"4,6-Dinitro-2-methylphenol"	"20"	"TRG"	"Yes"	"N"	"U"	"Y"	"4.9"	"20"	
"MINS-LW02-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"86-30-6"	"N-Nitrosodiphenylamine"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.6"	"9.8"	
"MINS-LW02-20180116" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"103-33-3"	"Azobenzene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.1"	"9.8"	"9.8" "ug/L"
"MINS-LW02-20180116" "9.8" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"101-55-3"	"4-Bromophenyl-phenylether"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"2.0"		
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"118-74-1"	"Hexachlorobenzene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.9"	"9.8"	"9.8"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"87-86-5"	"Pentachlorophenol"	"20"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.9"	"20"	"20"
"MINS-LW02-20180116" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"85-01-8"	"Phenanthrene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.9"	"9.8"	"9.8" "ug/L"
"MINS-LW02-20180116" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"120-12-7"	"Anthracene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.8"	"9.8"	"9.8" "ug/L"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"84-74-2"	"Di-n-butylphthalate"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.2"	"9.8"	"9.8"
"MINS-LW02-20180116" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"206-44-0"	"Fluoranthene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.9"	"9.8"	"9.8" "ug/L"
"MINS-LW02-20180116" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"129-00-0"	"Pyrene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.6"	"9.8"	"9.8" "ug/L"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"85-68-7"	"Butylbenzylphthalate"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.99"	"9.8"	"9.8"
"MINS-LW02-20180116" "20" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"91-94-1"	"3,3'-Dichlorobenzidine"	"20"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.0"	"20"	
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"56-55-3"	"Benzo(a)anthracene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.6"	"9.8"	"9.8"
"MINS-LW02-20180116" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"218-01-9"	"Chrysene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.7"	"9.8"	"9.8" "ug/L"
"MINS-LW02-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"117-81-7"	"bis(2-Ethylhexyl)phthalate"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.8"	"9.8"	
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"117-84-0"	"Di-n-octylphthalate"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.8"	"9.8"	"9.8"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"205-99-2"	"Benzo(b)fluoranthene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.7"	"9.8"	"9.8"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"207-08-9"	"Benzo(k)fluoranthene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.9"	"9.8"	"9.8"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"50-32-8"	"Benzo(a)pyrene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.5"	"9.8"	"9.8"
"MINS-LW02-20180116" "9.8" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"193-39-5"	"Indeno(1,2,3-cd)pyrene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.8"	"9.8"	
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"53-70-3"	"Dibenz(a,h)anthracene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.7"	"9.8"	"9.8"
"MINS-LW02-20180116" "ug/L" "ug/L"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"191-24-2"	"Benzo(g,h,i)perylene"	"9.8"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.8"	"9.8"	"9.8"
"MINS-LW02-20180116" "Percent" "Percent"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"367-12-4" "39.22" "89" "89"	"2-Fluorophenol"	"89"	"SUR"	"Yes"	"Y"	"Y"				
"MINS-LW02-20180116" "Percent"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"4165-62-2" "33" "120"	"Phenol-d5"	"80"	"SUR"	"Yes"	"Y"	"Y"				"Percent"
"MINS-LW02-20180116" "Percent" "Percent"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"118-79-6" "43" "140"	"2,4,6-Tribromophenol"	"95"	"SUR"	"Yes"	"Y"	"Y"				
"MINS-LW02-20180116"	"8270D" "01/22/18"	"16:04:00"	"N"	"1C"	"000"	"4165-60-0"	"Nitrobenzene-d5"	"85"	"SUR"	"Yes"	"Y"	"Y"				

"QC916959"	"8270D"	"01/19/18"	"17:03:00"	"N"	"1C""000"	"218-01-9"	"Chrysene"	"10"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.70"	"10"	"10"	"ug/L"	"ug/L"
"QC916959"	"8270D"	"01/19/18"	"17:03:00"	"N"	"1C""000"	"117-81-7"	"bis(2-Ethylhexyl)phthalate"	"10"	"TRG"	"Yes"	"N"	"U"	"Y"	"1.6"	"10"	"10"	"ug/L"	"ug/L"
"QC916959"	"8270D"	"01/19/18"	"17:03:00"	"N"	"1C""000"	"117-84-0"	"Di-n-octylphthalate"	"10"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.63"	"10"	"10"	"ug/L"	"ug/L"
"QC916959"	"8270D"	"01/19/18"	"17:03:00"	"N"	"1C""000"	"205-99-2"	"Benzo(b)fluoranthene"	"10"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.71"	"10"	"10"	"ug/L"	"ug/L"
"QC916959"	"8270D"	"01/19/18"	"17:03:00"	"N"	"1C""000"	"207-08-9"	"Benzo(k)fluoranthene"	"10"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.66"	"10"	"10"	"ug/L"	"ug/L"
"QC916959"	"8270D"	"01/19/18"	"17:03:00"	"N"	"1C""000"	"50-32-8"	"Benzo(a)pyrene"	"10"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.57"	"10"	"10"	"ug/L"	"ug/L"
"QC916959"	"8270D"	"01/19/18"	"17:03:00"	"N"	"1C""000"	"193-39-5"	"Indeno(1,2,3-cd)pyrene"	"10"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.77"	"10"	"10"	"ug/L"	"ug/L"
"QC916959"	"8270D"	"01/19/18"	"17:03:00"	"N"	"1C""000"	"53-70-3"	"Dibenz(a,h)anthracene"	"10"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.79"	"10"	"10"	"ug/L"	"ug/L"
"QC916959"	"8270D"	"01/19/18"	"17:03:00"	"N"	"1C""000"	"191-24-2"	"Benzo(g,h,i)perylene"	"10"	"TRG"	"Yes"	"N"	"U"	"Y"	"0.87"	"10"	"10"	"ug/L"	"ug/L"
"QC916959"	"8270D"	"01/19/18"	"17:03:00"	"N"	"1C""000"	"367-12-4"	"2-Fluorophenol"	"97"	"SUR"	"Yes"	"Y"	"Y"		"Percent"	"Percent"			
"40.00"	"97"	"97"	"19"	"119"														
"QC916959"	"8270D"	"01/19/18"	"17:03:00"	"N"	"1C""000"	"4165-62-2"	"Phenol-d5"	"101"	"SUR"	"Yes"	"Y"	"Y"		"Percent"	"Percent"			
"40.00"	"101"	"101"	"33"	"120"														
"QC916959"	"8270D"	"01/19/18"	"17:03:00"	"N"	"1C""000"	"118-79-6"	"2,4,6-Tribromophenol"	"85"	"SUR"	"Yes"	"Y"	"Y"		"Percent"	"Percent"			
"40.00"	"85"	"85"	"43"	"140"														
"QC916959"	"8270D"	"01/19/18"	"17:03:00"	"N"	"1C""000"	"4165-60-0"	"Nitrobenzene-d5"	"112"	"SUR"	"Yes"	"Y"	"Y"		"Percent"	"Percent"			
"40.00"	"112"	"112"	"44"	"120"														
"QC916959"	"8270D"	"01/19/18"	"17:03:00"	"N"	"1C""000"	"321-60-8"	"2-Fluorobiphenyl"	"98"	"SUR"	"Yes"	"Y"	"Y"		"Percent"	"Percent"			
"40.00"	"98"	"98"	"44"	"119"														
"QC916959"	"8270D"	"01/19/18"	"17:03:00"	"N"	"1C""000"	"1718-51-0"	"Terphenyl-d14"	"97"	"SUR"	"Yes"	"Y"	"Y"		"Percent"	"Percent"			
"40.00"	"97"	"97"	"50"	"134"														
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"62-75-9"	"N-Nitrosodimethylamine"	"81"	"SC"	"Yes"	"Y"	"Y"	"0.76"	"10.00"	"10.00"			
"Percent"	"Percent"	"80.00"	"81"	"81"	"40"	"120"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"108-95-2"	"Phenol"	"90"	"SC"	"Yes"	"Y"	"Y"	"0.98"	"10.00"	"10.00"	"Percent"	"Percent"	
"80.00"	"90"	"90"	"56"	"120"														
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"111-44-4"	"bis(2-Chloroethyl)ether"	"93"	"SC"	"Yes"	"Y"	"Y"	"1.8"	"10.00"	"10.00"			
"Percent"	"Percent"	"80.00"	"93"	"93"	"43"	"118"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"95-57-8"	"2-Chlorophenol"	"89"	"SC"	"Yes"	"Y"	"Y"	"1.0"	"10.00"	"10.00"	"Percent"		
"Percent"	"Percent"	"80.00"	"89"	"89"	"38"	"117"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"541-73-1"	"1,3-Dichlorobenzene"	"75"	"SC"	"Yes"	"Y"	"Y"	"0.67"	"10.00"	"10.00"			
"Percent"	"Percent"	"80.00"	"75"	"75"	"28"	"110"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"106-46-7"	"1,4-Dichlorobenzene"	"75"	"SC"	"Yes"	"Y"	"Y"	"0.65"	"10.00"	"10.00"			
"Percent"	"Percent"	"80.00"	"75"	"75"	"29"	"112"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"100-51-6"	"Benzyl alcohol"	"97"	"SC"	"Yes"	"Y"	"Y"	"0.59"	"10.00"	"10.00"	"Percent"		
"Percent"	"Percent"	"80.00"	"97"	"97"	"31"	"112"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"95-50-1"	"1,2-Dichlorobenzene"	"78"	"SC"	"Yes"	"Y"	"Y"	"0.69"	"10.00"	"10.00"	"Percent"		
"Percent"	"Percent"	"80.00"	"78"	"78"	"32"	"111"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"95-48-7"	"2-Methylphenol"	"84"	"SC"	"Yes"	"Y"	"Y"	"0.63"	"10.00"	"10.00"	"Percent"		
"Percent"	"Percent"	"80.00"	"84"	"84"	"30"	"117"												
"QC916960"	"8270D"	"01/19/18"	"15:21:00"	"N"	"1C""RA0"	"108-60-1"	"bis(2-Chloroisopropyl) ether"	"72"	"SC"	"Yes"	"Y"	"Y"	"1.4"	"10.00"	"10.00"			
"Percent"	"Percent"	"80.00"	"72"	"72"	"37"	"130"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"106-44-5"	"4-Methylphenol"	"91"	"SC"	"Yes"	"Y"	"Y"	"0.60"	"10.00"	"10.00"	"Percent"		
"Percent"	"Percent"	"80.00"	"91"	"91"	"25"	"120"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"621-64-7"	"N-Nitroso-di-n-propylamine"	"80"	"SC"	"Yes"	"Y"	"Y"	"0.84"	"10.00"	"10.00"	"Percent"		
"Percent"	"Percent"	"80.00"	"80"	"80"	"49"	"119"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"67-72-1"	"Hexachloroethane"	"76"	"SC"	"Yes"	"Y"	"Y"	"2.0"	"10.00"	"10.00"	"Percent"		
"Percent"	"Percent"	"80.00"	"76"	"76"	"21"	"115"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"98-95-3"	"Nitrobenzene"	"97"	"SC"	"Yes"	"Y"	"Y"	"0.60"	"10.00"	"10.00"	"Percent"		
"Percent"	"Percent"	"80.00"	"97"	"97"	"45"	"121"												
"QC916960"	"8270D"	"01/19/18"	"15:21:00"	"N"	"1C""RA0"	"78-59-1"	"Isophorone"	"83"	"SC"	"Yes"	"Y"	"Y"	"1.3"	"10.00"	"10.00"	"Percent"	"Percent"	
"80.00"	"83"	"83"	"42"	"124"														
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"88-75-5"	"2-Nitrophenol"	"100"	"SC"	"Yes"	"Y"	"Y"	"3.1"	"20.00"	"20.00"	"Percent"		
"Percent"	"Percent"	"80.00"	"100"	"100"	"47"	"123"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"105-67-9"	"2,4-Dimethylphenol"	"82"	"SC"	"Yes"	"Y"	"Y"	"0.69"	"10.00"	"10.00"			
"Percent"	"Percent"	"80.00"	"82"	"82"	"31"	"124"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"111-91-1"	"bis(2-Chloroethoxy)methane"	"102"	"SC"	"Yes"	"Y"	"Y"	"0.70"	"10.00"	"10.00"			
"10.00"	"Percent"	"Percent"	"30.00"	"102"	"102"	"48"	"120"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"120-83-2"	"2,4-Dichlorophenol"	"93"	"SC"	"Yes"	"Y"	"Y"	"0.73"	"10.00"	"10.00"			
"Percent"	"Percent"	"80.00"	"93"	"93"	"47"	"121"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"120-82-1"	"1,2,4-Trichlorobenzene"	"83"	"SC"	"Yes"	"Y"	"Y"	"0.61"	"10.00"	"10.00"			
"Percent"	"Percent"	"80.00"	"83"	"83"	"29"	"116"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"91-20-3"	"Naphthalene"	"88"	"SC"	"Yes"	"Y"	"Y"	"0.58"	"10.00"	"10.00"	"Percent"	"Percent"	
"30.00"	"88"	"88"	"40"	"121"														
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"106-47-8"	"4-Chloroaniline"	"58"	"SC"	"Yes"	"Y"	"Y"	"0.65"	"10.00"	"10.00"	"Percent"		
"Percent"	"Percent"	"80.00"	"58"	"58"	"33"	"117"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"87-68-3"	"Hexachlorobutadiene"	"74"	"SC"	"Yes"	"Y"	"Y"	"1.0"	"10.00"	"10.00"	"Percent"		
"Percent"	"Percent"	"80.00"	"74"	"74"	"22"	"124"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"59-50-7"	"4-Chloro-3-methylphenol"	"95"	"SC"	"Yes"	"Y"	"Y"	"0.82"	"10.00"	"10.00"			
"Percent"	"Percent"	"80.00"	"95"	"95"	"52"	"119"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"91-57-6"	"2-Methylnaphthalene"	"87"	"SC"	"Yes"	"Y"	"Y"	"0.70"	"10.00"	"10.00"	"Percent"		
"Percent"	"Percent"	"30.00"	"87"	"87"	"40"	"121"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"77-47-4"	"Hexachlorocyclopentadiene"	"44"	"SC"	"Yes"	"Y"	"Y"	"6.7"	"20.00"	"20.00"			
"Percent"	"Percent"	"80.00"	"44"	"44"	"3"	"120"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"88-06-2"	"2,4,6-Trichlorophenol"	"94"	"SC"	"Yes"	"Y"	"Y"	"1.1"	"10.00"	"10.00"	"Percent"		
"Percent"	"Percent"	"80.00"	"94"	"94"	"43"	"140"												
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"95-95-4"	"2,4,5-Trichlorophenol"	"97"	"SC"	"Yes"	"Y"	"Y"	"1.1"	"10.00"	"10.00"	"Percent"		
"Percent"	"Percent"	"80.00"	"97"	"97"	"53"	"123"												

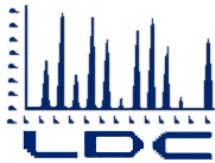
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"91-58-7""2-Chloronaphthalene"	"85"	"SC"	"Yes"	"Y"	"Y"	"0.70"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"	"30.00"	"85" "85"	"40" "116"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"88-74-4""2-Nitroaniline"	"99"	"SC"	"Yes"	"Y"	"Y"	"2.6"	"20.00"	"20.00"	"Percent"
"Percent"	"Percent"	"80.00"	"99" "99"	"55" "127"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"131-11-3" "Dimethylphthalate"	"91"	"SC"	"Yes"	"Y"	"Y"	"0.66"	"10.00"	"10.00"	
"Percent"	"Percent"	"80.00"	"91" "91"	"45" "127"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"208-96-8" "Acenaphthylene"	"87"	"SC"	"Yes"	"Y"	"Y"	"0.58"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"	"30.00"	"87" "87"	"41" "130"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"606-20-2" "2,6-Dinitrotoluene"	"97"	"SC"	"Yes"	"Y"	"Y"	"0.67"	"10.00"	"10.00"	
"Percent"	"Percent"	"80.00"	"97" "97"	"57" "124"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"99-09-2""3-Nitroaniline"	"95"	"SC"	"Yes"	"Y"	"Y"	"0.84"	"20.00"	"20.00"	"Percent"
"Percent"	"Percent"	"80.00"	"95" "95"	"41" "128"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"83-32-9""Acenaphthene"	"88"	"SC"	"Yes"	"Y"	"Y"	"0.70"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"	"30.00"	"88" "88"	"47" "122"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"51-28-5""2,4-Dinitrophenol"	"84"	"SC"	"Yes"	"Y"	"Y"	"6.7"	"20.00"	"20.00"	"Percent"
"Percent"	"Percent"	"80.00"	"84" "84"	"23" "143"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"100-02-7" "4-Nitrophenol"	"95"	"SC"	"Yes"	"Y"	"Y"	"2.0"	"20.00"	"20.00"	"Percent"
"Percent"	"Percent"	"80.00"	"95" "95"	"52" "120"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"132-64-9" "Dibenzofuran"	"85"	"SC"	"Yes"	"Y"	"Y"	"0.70"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"	"30.00"	"85" "85"	"53" "118"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"121-14-2" "2,4-Dinitrotoluene"	"96"	"SC"	"Yes"	"Y"	"Y"	"0.65"	"10.00"	"10.00"	
"Percent"	"Percent"	"80.00"	"96" "96"	"57" "128"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"84-66-2""Diethylphthalate"	"95"	"SC"	"Yes"	"Y"	"Y"	"0.68"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"	"30.00"	"95" "95"	"56" "125"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"86-73-7""Fluorene"	"90"	"SC"	"Yes"	"Y"	"Y"	"0.57"	"10.00"	"10.00"	"Percent" "Percent"
"Percent"	"Percent"	"30.00"	"90" "90"	"52" "124"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"7005-72-3" "4-Chlorophenyl-phenylether"	"89"	"SC"	"Yes"	"Y"	"Y"	"1.0"	"10.00"	"10.00"	
"Percent"	"Percent"	"30.00"	"89" "89"	"53" "121"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"100-01-6" "4-Nitroaniline"	"92"	"SC"	"Yes"	"Y"	"Y"	"3.3"	"20.00"	"20.00"	"Percent"
"Percent"	"Percent"	"80.00"	"92" "92"	"42" "120"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"534-52-1" "4,6-Dinitro-2-methylphenol""98"	"SC"	"Yes"	"Y"	"Y"	"2.5"	"20.00"	"20.00"		
"Percent"	"Percent"	"80.00"	"98" "98"	"44" "137"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"86-30-6""N-Nitrosodiphenylamine"	"82"	"SC"	"Yes"	"Y"	"Y"	"1.9"	"10.00"	"10.00"	
"Percent"	"Percent"	"30.00"	"82" "82"	"51" "123"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"103-33-3" "Azobenzene"	"93"	"SC"	"Yes"	"Y"	"Y"	"0.65"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"	"30.00"	"93" "93"	"61" "116"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"101-55-3" "4-Bromophenyl-phenylether"	"87"	"SC"	"Yes"	"Y"	"Y"	"1.0"	"10.00"	"10.00"	
"Percent"	"Percent"	"30.00"	"87" "87"	"55" "124"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"118-74-1" "Hexachlorobenzene"	"94"	"SC"	"Yes"	"Y"	"Y"	"0.68"	"10.00"	"10.00"	
"Percent"	"Percent"	"80.00"	"94" "94"	"53" "125"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"87-86-5""Pentachlorophenol"	"95"	"SC"	"Yes"	"Y"	"Y"	"2.0"	"20.00"	"20.00"	"Percent"
"Percent"	"Percent"	"80.00"	"95" "95"	"35" "138"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"85-01-8""Phenanthrene"	"87"	"SC"	"Yes"	"Y"	"Y"	"0.71"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"	"30.00"	"87" "87"	"59" "120"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"120-12-7" "Anthracene"	"86"	"SC"	"Yes"	"Y"	"Y"	"0.62"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"	"30.00"	"86" "86"	"57" "123"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"84-74-2""Di-n-butylphthalate"	"89"	"SC"	"Yes"	"Y"	"Y"	"1.4"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"	"30.00"	"89" "89"	"59" "127"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"206-44-0" "Fluoranthene"	"88"	"SC"	"Yes"	"Y"	"Y"	"0.77"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"	"30.00"	"88" "88"	"57" "128"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"129-00-0" "Pyrene"	"90"	"SC"	"Yes"	"Y"	"Y"	"0.74"	"10.00"	"10.00"	"Percent" "Percent"
"Percent"	"Percent"	"30.00"	"90" "90"	"57" "126"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"85-68-7""Butylbenzylphthalate"	"90"	"SC"	"Yes"	"Y"	"Y"	"0.82"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"	"30.00"	"90" "90"	"53" "134"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"91-94-1""3,3'-Dichlorobenzidine"	"74"	"SC"	"Yes"	"Y"	"Y"	"2.5"	"20.00"	"20.00"	
"Percent"	"Percent"	"80.00"	"74" "74"	"27" "129"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"56-55-3""Benzo(a)anthracene"	"88"	"SC"	"Yes"	"Y"	"Y"	"0.75"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"	"30.00"	"88" "88"	"58" "125"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"218-01-9" "Chrysene"	"88"	"SC"	"Yes"	"Y"	"Y"	"0.70"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"	"30.00"	"88" "88"	"59" "123"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"117-81-7" "bis(2-Ethylhexyl)phthalate"	"95"	"SC"	"Yes"	"Y"	"Y"	"1.6"	"10.00"	"10.00"	
"Percent"	"Percent"	"30.00"	"95" "95"	"55" "135"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"117-84-0" "Di-n-octylphthalate"	"91"	"SC"	"Yes"	"Y"	"Y"	"0.63"	"10.00"	"10.00"	
"Percent"	"Percent"	"30.00"	"91" "91"	"51" "140"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"205-99-2" "Benzo(b)fluoranthene"	"88"	"SC"	"Yes"	"Y"	"Y"	"0.71"	"10.00"	"10.00"	
"Percent"	"Percent"	"30.00"	"88" "88"	"53" "131"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"207-08-9" "Benzo(k)fluoranthene"	"90"	"SC"	"Yes"	"Y"	"Y"	"0.66"	"10.00"	"10.00"	
"Percent"	"Percent"	"30.00"	"90" "90"	"57" "129"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"50-32-8""Benzo(a)pyrene"	"84"	"SC"	"Yes"	"Y"	"Y"	"0.57"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"	"30.00"	"84" "84"	"54" "128"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"193-39-5" "Indeno(1,2,3-cd)pyrene"	"92"	"SC"	"Yes"	"Y"	"Y"	"0.77"	"10.00"	"10.00"	
"Percent"	"Percent"	"30.00"	"92" "92"	"52" "134"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"53-70-3""Dibenz(a,h)anthracene""93"	"SC"	"Yes"	"Y"	"Y"	"0.79"	"10.00"	"10.00"	"Percent"	
"Percent"	"Percent"	"30.00"	"93" "93"	"51" "134"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"191-24-2" "Benzo(g,h,i)perylene"	"94"	"SC"	"Yes"	"Y"	"Y"	"0.87"	"10.00"	"10.00"	
"Percent"	"Percent"	"30.00"	"94" "94"	"50" "134"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"367-12-4" "2-Fluorophenol"	"87"	"SUR"	"Yes"	"Y"	"Y"				"Percent" "Percent"
"Percent"	"Percent"	"40.00"	"87" "87"	"19" "119"											
"QC916960"	"8270D"	"01/19/18"	"17:39:00"	"N"	"1C""000"	"4165-62-2" "Phenol-d5"	"89"	"SUR"	"Yes"	"Y"	"Y"				"Percent" "Percent"

"40.00" "89" "89"	"33" "120"	"17:39:00" "N" "1C" "000"	"118-79-6"	"2,4,6-Tribromophenol" "90"	"SUR"	"Yes"	"Y"	"Y"	"Y"	"Percent" "Percent"
"QC916960" "8270D" "01/19/18"	"43" "140"	"17:39:00" "N" "1C" "000"	"4165-60-0"	"Nitrobenzene-d5" "98"	"SUR"	"Yes"	"Y"	"Y"	"Y"	"Percent" "Percent"
"40.00" "90" "90"	"44" "120"	"17:39:00" "N" "1C" "000"	"321-60-8"	"2-Fluorobiphenyl" "87"	"SUR"	"Yes"	"Y"	"Y"	"Y"	"Percent" "Percent"
"QC916960" "8270D" "01/19/18"	"44" "120"	"17:39:00" "N" "1C" "000"	"1718-51-0"	"Terphenyl-d14" "94"	"SUR"	"Yes"	"Y"	"Y"	"Y"	"Percent" "Percent"
"40.00" "98" "98"	"50" "134"	"18:17:00" "N" "1C" "000"	"62-75-9"	"N-Nitrosodimethylamine" "92"	"SC"	"Yes"	"Y"	"Y"	"0.76" "10.00" "10.00"	
"QC916960" "8270D" "01/19/18"	"80.00" "92" "92"	"18:17:00" "N" "1C" "000"	"108-95-2"	"Phenol" "102"	"SC"	"Yes"	"Y"	"Y"	"0.98" "10.00" "10.00" "Percent"	
"40.00" "87" "87"	"80.00" "102" "102"	"18:17:00" "N" "1C" "000"	"13" "56" "120" "20"	"111-44-4"	"bis(2-Chloroethyl)ether" "104"	"SC"	"Yes"	"Y"	"Y" "1.8" "10.00" "10.00"	
"QC916960" "8270D" "01/19/18"	"80.00" "104" "104"	"18:17:00" "N" "1C" "000"	"95-57-8"	"2-Chlorophenol" "100"	"SC"	"Yes"	"Y"	"Y"	"1.0" "10.00" "10.00" "Percent"	
"40.00" "94" "94"	"100" "100" "100"	"18:17:00" "N" "1C" "000"	"541-73-1"	"1,3-Dichlorobenzene" "83"	"SC"	"Yes"	"Y"	"Y"	"0.67" "10.00" "10.00"	
"QC916961" "8270D" "01/19/18"	"80.00" "83" "83" "11" "28" "110" "20"	"18:17:00" "N" "1C" "000"	"106-46-7"	"1,4-Dichlorobenzene" "83"	"SC"	"Yes"	"Y"	"Y"	"0.65" "10.00" "10.00"	
"Percent" "Percent"	"80.00" "83" "83" "11" "29" "112" "20"	"18:17:00" "N" "1C" "000"	"100-51-6"	"Benzyl alcohol" "111"	"SC"	"Yes"	"Y"	"Y"	"0.59" "10.00" "10.00"	
"QC916961" "8270D" "01/19/18"	"80.00" "111" "111" "13" "31" "112" "20"	"18:17:00" "N" "1C" "000"	"95-50-1"	"1,2-Dichlorobenzene" "86"	"SC"	"Yes"	"Y"	"Y"	"0.69" "10.00" "10.00" "Percent"	
"40.00" "94" "94"	"86" "86" "9" "32" "111" "20"	"18:17:00" "N" "1C" "000"	"95" "48" "7" "2-Methylphenol" "95"	"SC"	"Yes"	"Y"	"Y"	"Y"	"0.63" "10.00" "10.00" "Percent"	
"QC916961" "8270D" "01/19/18"	"80.00" "95" "95" "11" "30" "117" "20"	"15:51:00" "N" "1C" "RA0"	"108-60-1"	"bis(2-Chloroisopropyl) ether" "88"	"SC"	"Yes"	"Y"	"Y"	"Y" "1.4" "10.00" "10.00"	
"Percent" "Percent"	"80.00" "88" "88" "20" "37" "130" "20"	"18:17:00" "N" "1C" "000"	"106-44-5"	"4-Methylphenol" "103"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.60" "10.00" "10.00"	
"QC916961" "8270D" "01/19/18"	"80.00" "102" "102" "103" "13" "25" "120" "20"	"18:17:00" "N" "1C" "000"	"621-64-7"	"N-Nitroso-di-n-propylamine" "87"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.84" "10.00" "10.00"	
"40.00" "94" "94"	"80.00" "87" "87" "9" "49" "119" "20"	"18:17:00" "N" "1C" "000"	"67-72-1"	"Hexachloroethane" "86"	"SC"	"Yes"	"Y"	"Y"	"Y" "2.0" "10.00" "10.00" "Percent"	
"QC916961" "8270D" "01/19/18"	"86" "86" "12" "21" "115" "20"	"18:17:00" "N" "1C" "000"	"98-95-3"	"Nitrobenzene" "109"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.60" "10.00" "10.00" "Percent"	
"Percent" "Percent"	"109" "109" "12" "45" "121" "20"	"15:51:00" "N" "1C" "RA0"	"78-59-1"	"Isophorone" "102"	"SC"	"Yes"	"Y"	"Y"	"Y" "1.3" "10.00" "10.00" "Percent"	
"QC916961" "8270D" "01/19/18"	"80.00" "102" "102" "20" "42" "124" "20"	"18:17:00" "N" "1C" "000"	"88-75-5"	"2-Nitrophenol" "113"	"SC"	"Yes"	"Y"	"Y"	"Y" "3.1" "20.00" "20.00" "Percent"	
"40.00" "94" "94"	"113" "113" "12" "47" "123" "20"	"18:17:00" "N" "1C" "000"	"105-67-9"	"2,4-Dimethylphenol" "91"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.69" "10.00" "10.00"	
"QC916961" "8270D" "01/19/18"	"80.00" "91" "91" "11" "31" "124" "20"	"18:17:00" "N" "1C" "000"	"111-91-1"	"bis(2-Chloroethoxy)methane" "116"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.70" "10.00" "10.00"	
"Percent" "Percent"	"30.00" "116" "116" "13" "48" "120" "20"	"18:17:00" "N" "1C" "000"	"120-83-2"	"2,4-Dichlorophenol" "103"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.73" "10.00" "10.00"	
"QC916961" "8270D" "01/19/18"	"80.00" "103" "103" "10" "47" "121" "20"	"18:17:00" "N" "1C" "000"	"120-82-1"	"1,2,4-Trichlorobenzene" "92"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.61" "10.00" "10.00"	
"40.00" "94" "94"	"80.00" "92" "92" "11" "29" "116" "20"	"18:17:00" "N" "1C" "000"	"91-20-3"	"Naphthalene" "99"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.58" "10.00" "10.00" "Percent" "Percent"	
"QC916961" "8270D" "01/19/18"	"80.00" "91" "91" "11" "31" "124" "20"	"18:17:00" "N" "1C" "000"	"106-47-8"	"4-Chloroaniline" "86"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.65" "10.00" "10.00" "Percent"	
"Percent" "Percent"	"86" "86" "38" "33" "117" "20"	"18:17:00" "N" "1C" "000"	"87-68-3"	"Hexachlorobutadiene" "82"	"SC"	"Yes"	"Y"	"Y"	"Y" "1.0" "10.00" "10.00" "Percent"	
"QC916961" "8270D" "01/19/18"	"80.00" "82" "82" "11" "22" "124" "20"	"18:17:00" "N" "1C" "000"	"59-50-7"	"4-Chloro-3-methylphenol" "106"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.82" "10.00" "10.00"	
"40.00" "94" "94"	"80.00" "106" "106" "11" "52" "119" "20"	"18:17:00" "N" "1C" "000"	"91-57-6"	"2-Methylnaphthalene" "99"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.70" "10.00" "10.00" "Percent"	
"QC916961" "8270D" "01/19/18"	"99" "99" "13" "40" "121" "20"	"18:17:00" "N" "1C" "000"	"77-47-4"	"Hexachlorocyclopentadiene" "46"	"SC"	"Yes"	"Y"	"Y"	"Y" "6.7" "20.00" "20.00"	
"Percent" "Percent"	"80.00" "46" "46" "6" "3" "120" "20"	"18:17:00" "N" "1C" "000"	"88-06-2"	"2,4,6-Trichlorophenol" "107"	"SC"	"Yes"	"Y"	"Y"	"Y" "1.1" "10.00" "10.00"	
"QC916961" "8270D" "01/19/18"	"80.00" "107" "107" "13" "43" "140" "20"	"18:17:00" "N" "1C" "000"	"95-95-4"	"2,4,5-Trichlorophenol" "110"	"SC"	"Yes"	"Y"	"Y"	"Y" "1.1" "10.00" "10.00"	
"40.00" "94" "94"	"80.00" "110" "110" "12" "53" "123" "20"	"18:17:00" "N" "1C" "000"	"91-58-7"	"2-Chloronaphthalene" "99"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.70" "10.00" "10.00" "Percent"	
"QC916961" "8270D" "01/19/18"	"99" "99" "15" "40" "116" "20"	"18:17:00" "N" "1C" "000"	"88-74-4"	"2-Nitroaniline" "114"	"SC"	"Yes"	"Y"	"Y"	"Y" "2.6" "20.00" "20.00" "Percent"	
"Percent" "Percent"	"114" "114" "14" "55" "127" "20"	"18:17:00" "N" "1C" "000"	"131-11-3"	"Dimethylphthalate" "103"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.66" "10.00" "10.00"	
"QC916961" "8270D" "01/19/18"	"80.00" "103" "103" "103" "12" "45" "127" "20"	"18:17:00" "N" "1C" "000"	"208-96-8"	"Acenaphthylene" "100"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.58" "10.00" "10.00"	
"40.00" "94" "94"	"30.00" "100" "100" "100" "14" "41" "130" "20"	"18:17:00" "N" "1C" "000"	"606-20-2"	"2,6-Dinitrotoluene" "111"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.67" "10.00" "10.00"	
"QC916961" "8270D" "01/19/18"	"80.00" "111" "111" "13" "57" "124" "20"	"18:17:00" "N" "1C" "000"	"99-09-2"	"3-Nitroaniline" "108"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.84" "20.00" "20.00" "Percent"	
"Percent" "Percent"	"80.00" "108" "108" "12" "41" "128" "20"	"18:17:00" "N" "1C" "000"	"83-32-9"	"Acenaphthene" "102"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.70" "10.00" "10.00" "Percent"	
"QC916961" "8270D" "01/19/18"	"30.00" "102" "102" "15" "47" "122" "20"	"18:17:00" "N" "1C" "000"	"83-32-9"	"Acenaphthene" "102"	"SC"	"Yes"	"Y"	"Y"	"Y" "0.70" "10.00" "10.00" "Percent"	
"Percent" "Percent"	"15" "47" "122" "20"									

"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"51-28-5""2,4-Dinitrophenol"	"97"	"SC"	"Yes"	"Y"	"Y"	"6.7"	"20.00"	"20.00"	"Percent"
"Percent"			"80.00"	"97" "97" "14" "23" "143"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"100-02-7" "4-Nitrophenol"	"111"	"SC"	"Yes"	"Y"	"Y"	"2.0"	"20.00"	"20.00"	"Percent"
"Percent"	"Percent"		"80.00"	"111" "111" "15" "52" "120"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"132-64-9" "Dibenzofuran"	"97"	"SC"	"Yes"	"Y"	"Y"	"0.70"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"97" "97" "13" "53" "118"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"121-14-2" "2,4-Dinitrotoluene"	"108"	"SC"	"Yes"	"Y"	"Y"	"0.65"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"80.00"	"108" "108" "108" "12" "57" "128"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"84-66-2" "Diethylphthalate"	"108"	"SC"	"Yes"	"Y"	"Y"	"0.68"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"108" "108" "13" "56" "125"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"86-73-7" "Fluorene"	"105"	"SC"	"Yes"	"Y"	"Y"	"0.57"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"105" "105" "15" "52" "124"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"7005-72-3" "4-Chlorophenyl-phenylether"	"106"	"SC"	"Yes"	"Y"	"Y"	"1.0"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"10.00"	"30.00" "106" "106" "17" "53" "121"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"100-01-6" "4-Nitroaniline"	"108"	"SC"	"Yes"	"Y"	"Y"	"3.3"	"20.00"	"20.00"	"Percent"
"Percent"	"Percent"		"80.00"	"108" "108" "108" "16" "42" "120"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"534-52-1" "4,6-Dinitro-2-methylphenol"	"115"	"SC"	"Yes"	"Y"	"Y"	"2.5"	"20.00"	"20.00"	"Percent"
"Percent"	"Percent"		"80.00"	"115" "115" "16" "44" "137"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"86-30-6" "N-Nitrosodiphenylamine"	"95"	"SC"	"Yes"	"Y"	"Y"	"1.9"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"95" "95" "14" "51" "123"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"103-33-3" "Azobenzene"	"109"	"SC"	"Yes"	"Y"	"Y"	"0.65"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"109" "109" "16" "61" "116"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"101-55-3" "4-Bromophenyl-phenylether"	"105"	"SC"	"Yes"	"Y"	"Y"	"1.0"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"10.00"	"30.00" "105" "105" "19" "55" "124"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"118-74-1" "Hexachlorobenzene"	"110"	"SC"	"Yes"	"Y"	"Y"	"0.68"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"80.00"	"110" "110" "110" "16" "53" "125"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"87-86-5" "Pentachlorophenol"	"114"	"SC"	"Yes"	"Y"	"Y"	"2.0"	"20.00"	"20.00"	"Percent"
"Percent"	"Percent"		"80.00"	"114" "114" "18" "35" "138"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"85-01-8" "Phenanthrene"	"101"	"SC"	"Yes"	"Y"	"Y"	"0.71"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"101" "101" "15" "59" "120"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"120-12-7" "Anthracene"	"102"	"SC"	"Yes"	"Y"	"Y"	"0.62"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"102" "102" "18" "57" "123"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"84-74-2" "Di-n-butylphthalate"	"105"	"SC"	"Yes"	"Y"	"Y"	"1.4"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"105" "105" "105" "16" "59" "127"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"206-44-0" "Fluoranthene"	"103"	"SC"	"Yes"	"Y"	"Y"	"0.77"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"103" "103" "103" "16" "57" "128"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"129-00-0" "Pyrene"	"108"	"SC"	"Yes"	"Y"	"Y"	"0.74"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"108" "108" "18" "57" "126"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"85-68-7" "Butylbenzylphthalate"	"106"	"SC"	"Yes"	"Y"	"Y"	"0.82"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"106" "106" "106" "17" "53" "134"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"91-94-1" "3,3'-Dichlorobenzidine"	"87"	"SC"	"Yes"	"Y"	"Y"	"2.5"	"20.00"	"20.00"	"Percent"
"Percent"	"Percent"		"80.00"	"87" "87" "87" "16" "27" "129"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"56-55-3" "Benzo(a)anthracene"	"105"	"SC"	"Yes"	"Y"	"Y"	"0.75"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"105" "105" "105" "17" "58" "125"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"218-01-9" "Chrysene"	"104"	"SC"	"Yes"	"Y"	"Y"	"0.70"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"104" "104" "17" "59" "123"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"117-81-7" "bis(2-Ethylhexyl)phthalate"	"110"	"SC"	"Yes"	"Y"	"Y"	"1.6"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"110" "110" "15" "55" "135"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"117-84-0" "Di-n-octylphthalate"	"110"	"SC"	"Yes"	"Y"	"Y"	"0.63"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"110" "110" "19" "51" "140"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"205-99-2" "Benzo(b)fluoranthene"	"107"	"SC"	"Yes"	"Y"	"Y"	"0.71"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"107" "107" "19" "53" "131"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"207-08-9" "Benzo(k)fluoranthene"	"108"	"SC"	"Yes"	"Y"	"Y"	"0.66"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"108" "108" "108" "19" "57" "129"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"50-32-8" "Benzo(a)pyrene"	"103"	"SC"	"Yes"	"Y"	"Y"	"0.57"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"103" "103" "20" "54" "128"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"193-39-5" "Indeno(1,2,3-cd)pyrene"	"112"	"SC"	"Yes"	"Y"	"Y"	"0.77"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"112" "112" "20" "52" "134"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"53-70-3" "Dibenz(a,h)anthracene"	"114"	"SC"	"Yes"	"Y"	"Y"	"0.79"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"114" "114" "20" "51" "134"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"191-24-2" "Benzo(g,h,i)perylene"	"113"	"SC"	"Yes"	"Y"	"Y"	"0.87"	"10.00"	"10.00"	"Percent"
"Percent"	"Percent"		"30.00"	"113" "113" "18" "50" "134"	"20"									
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"367-12-4" "2-Fluorophenol"	"101"	"SUR"	"Yes"	"Y"	"Y"			"Percent"	"Percent"
"Percent"	"Percent"		"40.00"	"101" "101" "19" "119"										
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"4165-62-2" "Phenol-d5"	"101"	"SUR"	"Yes"	"Y"	"Y"			"Percent"	"Percent"
"Percent"	"Percent"		"40.00"	"101" "101" "33" "120"										
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"118-79-6" "2,4,6-Tribromophenol"	"102"	"SUR"	"Yes"	"Y"	"Y"			"Percent"	"Percent"
"Percent"	"Percent"		"40.00"	"102" "102" "43" "140"										
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"4165-60-0" "Nitrobenzene-d5"	"111"	"SUR"	"Yes"	"Y"	"Y"			"Percent"	"Percent"
"Percent"	"Percent"		"40.00"	"111" "111" "44" "120"										
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"321-60-8" "2-Fluorobiphenyl"	"98"	"SUR"	"Yes"	"Y"	"Y"			"Percent"	"Percent"
"Percent"	"Percent"		"40.00"	"98" "98" "44" "119"										
"QC916961"	"8270D"	"01/19/18"	"18:17:00"	"N" "1C""000"	"1718-51-0" "Terphenyl-d14"	"108"	"SUR"	"Yes"	"Y"	"Y"			"Percent"	"Percent"
"Percent"	"Percent"		"40.00"	"108" "108" "50" "134"										
"QC919197"	"7470A"	"02/08/18"	"08:33:00"	"T" "NA" "000"	"7439-97-6" "Mercury"	"0.13"	"TRG"	"Yes"	"Y"	"J" "N"	"0.040"	"0.20"	"0.20"	"ug/L"
"QC919198"	"7470A"	"02/07/18"	"15:42:00"	"T" "NA" "000"	"7439-97-6" "Mercury"	"99"	"SC"	"Yes"	"Y"	"N"	"0.040"	"0.2000"	"0.2000"	"Percent"
"Percent"	"Percent"		"2.000" "99" "99"	"80" "120"										
"QC919199"	"7470A"	"02/07/18"	"15:43:00"	"T" "NA" "000"	"7439-97-6" "Mercury"	"106"	"SC"	"Yes"	"Y"	"N"	"0.040"	"0.2000"	"0.2000"	"Percent"

"Percent" "Percent"					"2.000" "106" "106" "6" "80" "120" "20"															
"QC919283" "6020A" "02/08/18" "22:14:00"	"T"	"NA"	"000"	"7440-36-0"	"Antimony" "1.0"	"TRG"	"Yes"	"N" "U" "N" "0.048" "1.0" "1.0" "ug/L"												
"QC919283" "6020A" "02/08/18" "22:14:00"	"T"	"NA"	"000"	"7440-38-2"	"Arsenic" "1.0"	"TRG"	"Yes"	"N" "U" "N" "0.21" "1.0" "1.0" "ug/L"												
"QC919283" "6020A" "02/08/18" "22:14:00"	"T"	"NA"	"000"	"7440-39-3"	"Barium" "1.0"	"TRG"	"Yes"	"N" "U" "N" "0.10" "1.0" "1.0" "ug/L"												
"QC919283" "6020A" "02/08/18" "22:14:00"	"T"	"NA"	"000"	"7440-41-7"	"Beryllium" "1.0"	"TRG"	"Yes"	"N" "U" "N" "0.034" "1.0" "1.0" "ug/L"												
"QC919283" "6020A" "02/08/18" "22:14:00"	"T"	"NA"	"000"	"7440-43-9"	"Cadmium" "1.0"	"TRG"	"Yes"	"N" "U" "N" "0.083" "1.0" "1.0" "ug/L"												
"QC919283" "6020A" "02/08/18" "22:14:00"	"T"	"NA"	"000"	"7440-47-3"	"Chromium" "1.0"	"TRG"	"Yes"	"N" "U" "N" "0.33" "1.0" "1.0" "ug/L"												
"QC919283" "6020A" "02/08/18" "22:14:00"	"T"	"NA"	"000"	"7440-48-4"	"Cobalt" "1.0"	"TRG"	"Yes"	"N" "U" "N" "0.016" "1.0" "1.0" "ug/L"												
"QC919283" "6020A" "02/08/18" "22:14:00"	"T"	"NA"	"000"	"7440-50-8"	"Copper" "1.8"	"TRG"	"Yes"	"Y" "Q" "N" "0.17" "1.0" "1.0" "ug/L"												
"QC919283" "6020A" "02/08/18" "22:14:00"	"T"	"NA"	"000"	"7439-92-1"	"Lead" "1.0"	"TRG"	"Yes"	"N" "U" "N" "0.050" "1.0" "1.0" "ug/L"												
"QC919283" "6020A" "02/08/18" "22:14:00"	"T"	"NA"	"000"	"7439-98-7"	"Molybdenum" "0.45"	"TRG"	"Yes"	"Y" "J" "N" "0.20" "1.0" "1.0" "ug/L"												
"QC919283" "6020A" "02/08/18" "22:14:00"	"T"	"NA"	"000"	"7440-02-0"	"Nickel" "1.0"	"TRG"	"Yes"	"N" "U" "N" "0.042" "1.0" "1.0" "ug/L"												
"QC919283" "6020A" "02/08/18" "22:14:00"	"T"	"NA"	"000"	"7782-49-2"	"Selenium" "1.0"	"TRG"	"Yes"	"N" "U" "N" "0.058" "1.0" "1.0" "ug/L"												
"QC919283" "6020A" "02/08/18" "22:14:00"	"T"	"NA"	"000"	"7440-22-4"	"Silver" "1.0"	"TRG"	"Yes"	"N" "U" "N" "0.023" "1.0" "1.0" "ug/L"												
"QC919283" "6020A" "02/08/18" "22:14:00"	"T"	"NA"	"000"	"7440-28-0"	"Thallium" "1.0"	"TRG"	"Yes"	"N" "U" "N" "0.021" "1.0" "1.0" "ug/L"												
"QC919283" "6020A" "02/08/18" "22:14:00"	"T"	"NA"	"000"	"7440-62-2"	"Vanadium" "1.0"	"TRG"	"Yes"	"N" "U" "N" "0.21" "1.0" "1.0" "ug/L"												
"QC919283" "6020A" "02/09/18" "13:24:00"	"T"	"NA"	"000"	"7440-66-6"	"Zinc" "10"	"TRG"	"Yes"	"N" "U" "N" "0.76" "10" "10" "ug/L" "ug/L"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"7440-36-0"	"Antimony" "100"	"SC"	"Yes"	"Y" "N" "0.048" "1.000" "1.000" "Percent"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"69" "127"	"Arsenic" "99"	"SC"	"Yes"	"Y" "N" "0.21" "1.000" "1.000" "Percent"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"7440-38-2"	"Barium" "95"	"SC"	"Yes"	"Y" "N" "0.10" "1.000" "1.000" "Percent"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"7440-41-7"	"Beryllium" "100"	"SC"	"Yes"	"Y" "N" "0.034" "1.000" "1.000" "Percent"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"7440-43-9"	"Cadmium" "100"	"SC"	"Yes"	"Y" "N" "0.083" "1.000" "1.000" "Percent"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"7440-47-3"	"Chromium" "96"	"SC"	"Yes"	"Y" "N" "0.33" "1.000" "1.000" "Percent"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"7440-48-4"	"Cobalt" "99"	"SC"	"Yes"	"Y" "N" "0.016" "1.000" "1.000" "Percent"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"7440-50-8"	"Copper" "100"	"SC"	"Yes"	"Y" "N" "0.17" "1.000" "1.000" "Percent"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"7439-92-1"	"Lead" "97"	"SC"	"Yes"	"Y" "N" "0.050" "1.000" "1.000" "Percent"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"7439-98-7"	"Molybdenum" "99"	"SC"	"Yes"	"Y" "N" "0.20" "1.000" "1.000" "Percent"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"7440-02-0"	"Nickel" "100"	"SC"	"Yes"	"Y" "N" "0.042" "1.000" "1.000" "Percent"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"7782-49-2"	"Selenium" "102"	"SC"	"Yes"	"Y" "N" "0.058" "1.000" "1.000" "Percent"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"7440-22-4"	"Silver" "99"	"SC"	"Yes"	"Y" "N" "0.023" "1.000" "1.000" "Percent"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"7440-28-0"	"Thallium" "96"	"SC"	"Yes"	"Y" "N" "0.021" "1.000" "1.000" "Percent"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"7440-62-2"	"Vanadium" "95"	"SC"	"Yes"	"Y" "N" "0.21" "1.000" "1.000" "Percent"												
"QC919284" "6020A" "02/08/18" "22:19:00"	"T"	"NA"	"000"	"7440-66-6"	"Zinc" "102"	"SC"	"Yes"	"Y" "Q" "N" "0.76" "10.00" "10.00" "Percent"												
"QC919285" "6020A" "02/08/18" "22:24:00"	"T"	"NA"	"000"	"7440-36-0"	"Antimony" "100"	"SC"	"Yes"	"Y" "N" "0.048" "1.000" "1.000" "Percent"												
"QC919285" "6020A" "02/08/18" "22:24:00"	"T"	"NA"	"000"	"7440-38-2"	"Arsenic" "100"	"SC"	"Yes"	"Y" "N" "0.21" "1.000" "1.000" "Percent"												
"QC919285" "6020A" "02/08/18" "22:24:00"	"T"	"NA"	"000"	"7440-39-3"	"Barium" "96"	"SC"	"Yes"	"Y" "N" "0.10" "1.000" "1.000" "Percent"												
"QC919285" "6020A" "02/08/18" "22:24:00"	"T"	"NA"	"000"	"7440-41-7"	"Beryllium" "102"	"SC"	"Yes"	"Y" "N" "0.034" "1.000" "1.000" "Percent"												
"QC919285" "6020A" "02/08/18" "22:24:00"	"T"	"NA"	"000"	"7440-43-9"	"Cadmium" "101"	"SC"	"Yes"	"Y" "N" "0.083" "1.000" "1.000" "Percent"												
"QC919285" "6020A" "02/08/18" "22:24:00"	"T"	"NA"	"000"	"7440-47-3"	"Chromium" "98"	"SC"	"Yes"	"Y" "N" "0.33" "1.000" "1.000" "Percent"												
"QC919285" "6020A" "02/08/18" "22:24:00"	"T"	"NA"	"000"	"7440-48-4"	"Cobalt" "101"	"SC"	"Yes"	"Y" "N" "0.016" "1.000" "1.000" "Percent"												
"QC919285" "6020A" "02/08/18" "22:24:00"	"T"	"NA"	"000"	"7440-50-8"	"Copper" "102"	"SC"	"Yes"	"Y" "N" "0.17" "1.000" "1.000" "Percent"												

"MINS-LW02-20180116"	"6020A"	"02/09/18"	"14:39:00"	"D" "NA"	"DL1"	"7440-28-0"	"Thallium"	"1.3"	"TRG"	"Yes"	"N" "U"	"N" "0.11"	"1.3"
"1.3"	"ug/L"	"ug/L"											
"MINS-LW02-20180116"	"6020A"	"02/09/18"	"13:45:00"	"D" "NA"	"000"	"7440-62-2"	"Vanadium"	"17"	"TRG"	"Yes"	"Y"	"N" "0.21"	"1.0" "1.0"
"ug/L"	"ug/L"												
"MINS-LW02-20180116"	"6020A"	"02/09/18"	"14:39:00"	"D" "NA"	"DL1"	"7440-66-6"	"Zinc"	"720"	"TRG"	"Yes"	"Y"	"N" "3.8"	"11" "11" "ug/L"
"ug/L"													



LABORATORY DATA CONSULTANTS, INC.

2701 Loker Ave. West, Suite 220, Carlsbad, CA 92010 Bus: 760-827-1100 Fax: 760-827-1099

KMEA
2423 Hoover Ave.
National City, CA 91950
ATTN: Kimberly Shiroodi

March 2, 2018

SUBJECT: Mare Island, TO 008, Data Validation

Dear Ms. Shiroodi,

Enclosed are the final validation reports for the fraction listed below. These SDGs were received on February 13, 2018. Attachment 1 is a summary of the samples that were reviewed for analysis.

LDC Project #40693:

<u>SDG #</u>	<u>Fraction</u>
1800121, 1800127	Perfluorinated Alkyl Acids

The data validation was performed under Stage 2B & 4 validation guidelines. The analyses were validated using the following documents and variances, as applicable to each method:

- Final Sampling and Analysis Plan for Initial Assessment of Perfluorinated Compounds (PFCs) or Per- and Polyfluoroalkyl Substances (PFAS) Sites at Various Base Realignment and Closure (BRAC) Installations, Former Mare Island Naval Shipyard, Vallejo, California, November 2017
- Final Sampling and Analysis Plan for Initial Assessment of Perfluorinated Compounds (PFCs) or Per- and Polyfluoroalkyl Substances (PFAS) Sites at Various Base Realignment and Closure (BRAC) Installations, March 2017
- U.S. Department of Defense Quality Systems Manual for Environmental Laboratories, Version 5.1, 2017
- USEPA, Program National Functional Guidelines for Superfund Organic Methods Data Review, August 2014

Please feel free to contact us if you have any questions.

Sincerely,

Pei Geng
Project Manager/Senior Chemist

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: Mare Island, TO 008

LDC Report Date: March 1, 2018

Parameters: Perfluorinated Alkyl Acids

Validation Level: Stage 2B & 4

Laboratory: Vista Analytical Laboratory

Sample Delivery Group (SDG): 1800121

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
IRSite5-GW-05W07-20180115**	1800121-03**	Water	01/15/18
IRSite5-GW-05W06-20180115	1800121-04	Water	01/15/18
IRSite5-GW-05W08-20180115	1800121-05	Water	01/15/18
IRSite5-GW-05W01-20180115	1800121-06	Water	01/15/18
IRSite5-GW-05W03-20180115	1800121-07	Water	01/15/18
UXOSite14-GW-DPW79A-20180115	1800121-08	Water	01/15/18
UXOSite14-GW-DPW78A-20180115	1800121-09	Water	01/15/18
UXOSite14-GW-DPW77A-20180115	1800121-10	Water	01/15/18
IRSite1-GW-01W48A-20180115	1800121-11	Water	01/15/18
IRSite1-GW-01W49A-20180115	1800121-12	Water	01/15/18
IRSite1-GW-01W13A-20180115	1800121-13	Water	01/15/18
DUP01-20180115	1800121-14	Water	01/15/18
IRSite1-GW-01W48A-20180115MS	1800121-11MS	Water	01/15/18
IRSite1-GW-01W48A-20180115MSD	1800121-11MSD	Water	01/15/18

**Indicates sample underwent Stage 4 validation

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Final Sampling and Analysis Plan for Initial Assessment of Perfluorinated Compounds (PFCs) or Per- and Polyfluoroalkyl Substances (PFAS) Sites at Various Base Realignment and Closure (BRAC) Installations, Former Mare Island Naval Shipyard, Vallejo, California, (November 2017), the Final Sampling and Analysis Plan for the Initial Assessment of Per-Fluorinated Compounds (PFCS) or Per- and Polyfluoroalkyl Substances (PFAS) Sites at Various Base Realignment and Closure (BRAC) Installations (March 2017), the U.S. Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, Version 5.1 (2017), and a modified outline of the USEPA National Functional Guidelines (NFG) for Superfund Organic Methods Data Review (August 2014). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Perfluorinated Alkyl Acids by Environmental Protection Agency (EPA) Method 537

All sample results were subjected to Stage 2B data validation, which comprises an evaluation of quality control (QC) summary results. Samples appended with a double asterisk on the cover page were subjected to Stage 4 data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. LC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

III. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

For compounds where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the compounds, all coefficients of determination (r^2) were greater than or equal to 0.990.


For each calibration point, the percent differences (%D) of its true value were less than or equal to 30.0% for all compounds.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all compounds.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all compounds with the following exceptions:



Date	Compound	%D	Associated Samples	Flag	A or P
01/29/18	PFTeDA	+34.2	IRSite5-GW-05W07-20180115** IRSite5-GW-05W08-20180115	NA	-

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample EB01-20180115 was identified as an equipment blank. No contaminants were found.

Sample SB01-20180115 was identified as a source blank. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
IRSite1-GW-01W48A-20180115MS/MSD (IRSite1-GW-01W48A-20180115)	PFHxS	135 (70-130)	-	J (all detects)	A
IRSite1-GW-01W48A-20180115MS/MSD (IRSite1-GW-01W48A-20180115)	PFDaA	145 (70-130)	-	NA	-

Relative percent differences (RPD) were within QC limits.

VIII. Laboratory Control Samples/Ongoing Precision Recovery

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits with the following exceptions:

LCS ID (Associated Samples)	Compound	%R (Limits)	Flag	A or P
BSA0115-BS1 (All samples in SDG 1800121)	PFUnA	159 (70-130)	NA	-

Ongoing precision recovery (OPR) samples were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

IX. Field Duplicates

Samples IRLite1-GW-01W13A-20180115 and DUP01-20180115 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Compound	Concentration (ng/L)		RPD (Limits)	Difference (Limits)	Flag	A or P
	IRSite1-GW-01W13A-20180115	DUP01-20180115				
PFBS	38.9	42.4	9 (≤30)	-	-	-
PFHxA	135	127	6 (≤30)	-	-	-
PFHpA	89.1	82.6	8 (≤30)	-	-	-

Compound	Concentration (ng/L)		RPD (Limits)	Difference (Limits)	Flag	A or P
	IRSite1-GW-01W13A-20180115	DUP01-20180115				
PFHxS	102	95.5	7 (≤30)	-	-	-
PFOA	113	105	7 (≤30)	-	-	-
PFOS	11.6	11.1	-	0.5 (≤4.04)	-	-
PFNA	0.801	2.35U	-	1.549 (≤4.04)	-	-

X. Internal Standards

All internal standard recoveries (%R) were within QC limits with the following exceptions:

Sample	Internal Standards	%R (Limits)	Affected Compound	Flag	A or P
IRSite5-GW-05W07-20180115**	13C2-PFTeDA	44.9 (50-150)	PFTeDA	NA	-
IRSite5-GW-05W08-20180115	13C2-PFDoA	48.6 (50-150)	PFDoA PFTrDA	NA	-
IRSite1-GW-01W48A-20180115	13C2-PFTeDA	49.6 (50-15)	PFTeDA	NA	-

XI. Compound Quantitation

All compound quantitations met validation criteria for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2B validation.

XII. Target Compound Identifications

All target compound identifications met validation criteria for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2B validation.

XIII. System Performance

The system performance was acceptable for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2B validation.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to MS/MSD %R, data were qualified as estimated in one sample.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the data validation all other results are considered valid and usable for all purposes.

Mare Island, TO 008

Perfluorinated Alkyl Acids - Data Qualification Summary - SDG 1800121

Sample	Compound	Flag	A or P	Reason
IRSite1-GW-01W48A-20180115	PFHxS	J (all detects)	A	Matrix spike/Matrix spike duplicate (%R)

Mare Island, TO 008

Perfluorinated Alkyl Acids - Laboratory Blank Data Qualification Summary - SDG 1800121

No Sample Data Qualified in this SDG

Mare Island, TO 008

Perfluorinated Alkyl Acids - Field Blank Data Qualification Summary - SDG 1800121

No Sample Data Qualified in this SDG

METHOD: LC/MS Perfluorinated Alkyl Acids (EPA Method 537)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	RSD ≤ 20%. TWT ≤ 30%. ICV ≤ 30%
IV.	Continuing calibration	W	CCV ≤ 30%
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	SB=1. EB=2
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	W	
IX.	Laboratory control samples	W	OPR
X.	Field duplicates	W	D=13+14
XI.	Internal standards	W	
XII.	Compound quantitation RL/LOQ/LODs	A	Not reviewed for Stage 2B validation.
XIII.	Target compound identification	A	Not reviewed for Stage 2B validation.
XIV.	System performance	A	Not reviewed for Stage 2B validation.
XV.	Overall assessment of data	A	

Note: A = Acceptable ND = No compounds detected D = Duplicate SB=Source blank
 N = Not provided/applicable R = Rinsate TB = Trip blank OTHER:
 SW = See worksheet FB = Field blank EB = Equipment blank

** Indicates sample underwent Stage 4 validation

	Client ID	Lab ID	Matrix	Date
1	SB01-20180115	1800121-01	Water	01/15/18
2	EB01-20180115	1800121-02	Water	01/15/18
3	IRSite5-GW-05W07-20180115**	1800121-03**	Water	01/15/18
4	IRSite5-GW-05W06-20180115	1800121-04	Water	01/15/18
5	IRSite5-GW-05W08-20180115	1800121-05	Water	01/15/18
6	IRSite5-GW-05W01-20180115	1800121-06	Water	01/15/18
7	IRSite5-GW-05W03-20180115	1800121-07	Water	01/15/18
8	UXOSite14-GW-DPW79A-20180115	1800121-08	Water	01/15/18
9	UXOSite14-GW-DPW78A-20180115	1800121-09	Water	01/15/18
10	UXOSite14-GW-DPW77A-20180115	1800121-10	Water	01/15/18
11	IRSite1-GW-01W48A-20180115	1800121-11	Water	01/15/18
12	IRSite1-GW-01W49A-20180115	1800121-12	Water	01/15/18
13	IRSite1-GW-01W13A-20180115	1800121-13	Water	01/15/18
14	DUP01-20180115	1800121-14	Water	01/15/18

LDC #: 40693A96 **VALIDATION COMPLETENESS WORKSHEET**
 SDG #: 1800121 **Stage 2B/4**
 Laboratory: Vista Analytical Laboratory

Date: 2/2/18
 Page: 2 of 2
 Reviewer: [Signature]
 2nd Reviewer: KK

METHOD: LC/MS Perfluorinated Alkyl Acids (EPA Method 537)

	Client ID	Lab ID	Matrix	Date
15	IRSite1-GW-01W48A-20180115MS	1800121-11MS	Water	01/15/18
16	IRSite1-GW-01W48A-20180115MSD	1800121-11MSD	Water	01/15/18
17				
18				
19				
20				
21				

Notes:

Method: LCMS (EPA Method 537)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was cooler temperature criteria met?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the specified criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples analyzed within the 12 hour clock criteria?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all percent relative standard deviations (%RSD) \leq 20%?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit criteria of > 0.990 ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all analytes within 70-130% or percent differences (%D) \leq 30% of their true value for each calibration standard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all percent differences (%D) \leq 30%?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all percent differences (%D) of the continuing calibration \leq 30%?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was a laboratory blank analyzed for each matrix and concentration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation completeness worksheet.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
VI. Field blanks				
Were field blanks identified in this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were target compounds detected in the field blanks?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was a MS/MSD analyzed every 20 samples of each matrix?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
IX. Laboratory control samples				
Was an LCS analyzed for this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Validation Area	Yes	No	NA	Findings/Comments
Was an LCS analyzed per extraction batch?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were target compounds detected in the field duplicates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XI. Internal standards				
Were internal standard area counts within $\pm 50\%$ of the associated calibration standard?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
XII. Compound quantitation				
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XIII. Target compound identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were chromatogram peaks verified and accounted for?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XIV. System performance				
System performance was found to be acceptable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

LDC #: A0693A9C

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

METHOD: LC/MS PFOS/PFOAs (EPA Method 537M)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

- N/A Was a continuing calibration standard analyzed after every 10 injections for each instrument?
 N/A Were all continuing calibration percent differences (%D) ≤ 30 %?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤30.0%)	Finding RRF (Limit:)	Associated Samples	Qualifications
	<u>1/29/18</u>	<u>180129ML-63</u>	<u>#FTe DA</u>	<u>+34.2</u>		<u>3.5.NB(NO)</u>	<u>lots #P</u>

LDC# 10693A96

VALIDATION FINDINGS WORKSHEET
Field Duplicates

Page: 1 of 1
 Reviewer: [Signature]
 2nd Reviewer: [Signature]

METHOD: PFCs (Method 537 mod)

Compound	Concentration (ng/L)		(<=30) RPD	Difference	Limits	Qual
	13	14				
PFBS	38.9	42.4	9			
PFHxA	135	127	6			
PFHpA	89.1	82.6	8			
PFHxS	102	95.5	7			
PFOA	113	105	7			
PFOS	11.6	11.1		0.5	≤4.04	
PFNA	0.801	2.35U		1.549	≤4.04	

LDC #: 10693596

Validation Findings Worksheet
Initial Calibration Calculation Verification

Page: 1 of 2
 Reviewer: [Signature]
 2nd Reviewer: [Signature]

Method: PFCs (EPA Method 537)

Calibration Date	Instrument/Column	Compound	Standard	(Y) Response	(X) Conc.	(X ²) Conc.
1/29/2018	BEH C18	PFBS	0	0.4837462	0.25	0.0625
			s1	0.8794175	0.5	0.25
			s2	1.9982625	1	1
			s3	4.0481712	2	4
			s4	10.079743	5	25
			s5	16.94854	10	100
			s6	97.772696	50	2500
			s7	177.57803	100	10000
			s8	434.64233	250	62500
			s9	835.87851	500	250000

Regression Output	Calculated		Reported	
Constant	c	0.82382	c	0.05476
Std Err of Y Est				
R Squared		0.9999114		0.9994570
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.811986433	-0.00028509	1.84707	-0.000360578
Std Err of Coef.				
Correlation Coefficient		0.999956		
Coefficient of Determination (r ²)		0.999911		

LDC #: 40693A96

Validation Findings Worksheet
Initial Calibration Calculation Verification

Page: 2 of 2
 Reviewer: Q
 2nd Reviewer: VW

Method: PFCs (EPA Method 537)

Calibration Date	Instrument/Column	Compound	Standard	(Y) Response	(X) Conc.	(X ²) Conc.
1/29/2018	BEH C18	PFOA	0	0.3566287	0.25	0.0625
			s1	0.4854025	0.5	0.25
			s2	1.1304175	1	1
			s3	2.0884037	2	4
			s4	4.8831687	5	25
			s5	10.109767	10	100
			s6	55.583367	50	2500
			s7	90.000046	100	10000
			s8	231.56901	250	62500
			s9	440.49005	500	250000

Regression Output	Calculated		Reported	
Constant	c	0.63824	c	0.09079
Std Err of Y Est				
R Squared		0.9995683		0.9981670
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	0.96171836	-0.000163826	0.986693	-0.000217563
Std Err of Coef.				
Correlation Coefficient		0.999784		
Coefficient of Determination (r ²)		0.999568		

VALIDATION FINDINGS WORKSHEET Continuing Calibration Results Verification

METHOD: LC/MS PFOS/PFOAs (EPA Method 537M)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
 $RRF = (A_x)(C_{is}) / (A_{is})(C_x)$

Where: ave. RRF = initial calibration average RRF
 RRF = continuing calibration RRF
 A_x = Area of compound,
 C_x = Concentration of compound,
 A_{is} = Area of associated internal standard
 C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference Internal Standard)	Average RRF (initial)	Reported	Recalculated	Reported	Recalculated
					RRF (CC)	RRF (CC)	%D	%D
1	18019ML63	1/29/18	PFBS (1st internal standard)	1.00	0.861	0.862	13.9	13.8
			PFOA (2nd internal standard)	1.0	1.25	1.25	25.0	25.1
			(3rd internal standard)					
2			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
3			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
4			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates Results Verification

METHOD: LC/MS PFOS/PFOAs (EPA Method 537M)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

% Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked sample concentration
 SA = Spike added

SC = Sample concentration

RPD = |MSC - MSC| * 2 / (MSC + MSDC)

MSC = Matrix spike concentration

MSDC = Matrix spike duplicate concentration

MS/MSD samples: 15/16

Compound	Spike Added (NS/L)		Sample Concentration (NS/L)	Spiked Sample Concentration (NS/L)		Matrix Spike		Matrix Spike Duplicate		MS/MSD	
	MS	MSD		MS	MSD	Percent Recovery		Percent Recovery		RPD	
						Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
PFBS	39.0	39.9	6.81	44.2	47.5	95.8	95.8	102	102	6.27	6.27
PFOA	↓	↓	36.5	67.7	70.1	79.8	80.0	84.2	84.2	5.37	5.12

Comments: Refer to Matrix Spike/Matrix Spike Duplicates findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

VALIDATION FINDINGS WORKSHEET
Laboratory Control Sample/Laboratory Control Sample Duplicates Results Verification

METHOD: LC/MS PFOS/PFOAs (EPA Method 537M)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the compounds identified below using the following calculation:

% Recovery = 100 * (SC/SA)

Where: SSC = Spike concentration
 SA = Spike added

RPD = | LCSC - LCSDC | * 2 / (LCSC + LCSDC)

LCSC = Laboratory control sample concentration LCSDC = Laboratory control sample duplicate concentration

LCS/LCSD samples: ~~BSA0115~~ - BSI

Compound	Spike Added (MS/L)		Spike Concentration (MS/L)		LCS		LCSD		LCS/LCSD	
	LCS	LCSD	LCS	LCSD	Percent Recovery		Percent Recovery		RPD	
					Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
PFBS	40.0	NA	38.4	NA	96.0	96.0				
PFDA	↓	↓	40.2	↓	101	101				

Comments: Refer to Laboratory Control Sample/Laboratory Control Sample Duplicates findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 1022196

VALIDATION FINDINGS WORKSHEET

Page: 1 of 1

Sample Calculation Verification

Reviewer: [Signature]
2nd Reviewer: [Signature]

METHOD: GC HPLC [Signature]

Y N N/A
Y N N/A

Were all reported results recalculated and verified for all level IV samples?

Were all recalculated results for detected target compounds agree within 10% of the reported results?

Concentration = $\frac{(A)(Fv)(Df)}{(RF)(Vs \text{ or } Ws)(\%S/100)}$

Example:

Sample ID: 3 Compound Name FFDA

- A= Area or height of the compound to be measured
- Fv= Final Volume of extract
- Df= Dilution Factor
- RF= Average response factor of the compound in the initial calibration
- Vs= Initial volume of the sample
- Ws= Initial weight of the sample
- %S= Percent Solid

Concentration = (0.34 + 0.2306) = 2.571ng/K

$$Conc_1 = \frac{-(-0.986693) + \sqrt{(-0.986693)^2 - 4 \times (-0.0002176) \times \left(\frac{57 \times 10^5}{9990} + 0.09079 \right)}}{2 \times (-0.0002176) \times (0.273)} = 2.34$$

#	Sample ID	Compound	Reported Concentrations	Recalculated Results Concentrations	Qualifications
			$Conc_2 = \frac{-(-0.986693) + \sqrt{(-0.986693)^2 - 4 \times (-0.0002176) \times \left(\frac{1699-57 \times 10^5}{9990} + 0.09079 \right)}}{2 \times (-0.0002176) \times (0.273)}$		
			<u>= 0.2306</u>		

Comments: _____

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: Mare Island, TO 008

LDC Report Date: March 1, 2018

Parameters: Perfluorinated Alkyl Acids

Validation Level: Stage 2B & 4

Laboratory: Vista Analytical Laboratory

Sample Delivery Group (SDG): 1800127

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
IRSite1-GW-01W53A-20180116	1800127-02	Water	01/16/18
IRSite1-GW-MW80A-20180116	1800127-03	Water	01/16/18
IRSite1-GW-01W28B-20180116	1800127-04	Water	01/16/18
IRSite1-GW-01W38AR-20180116**	1800127-05**	Water	01/16/18
IRSite1-GW-MW86A-20180116	1800127-06	Water	01/16/18
IRSite1-GW-MW85A-20180116	1800127-07	Water	01/16/18
DUP02-20180116	1800127-08	Water	01/16/18
IRSite1-GW-MW82A-20180116	1800127-09	Water	01/16/18

**Indicates sample underwent Stage 4 validation

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Final Sampling and Analysis Plan for Initial Assessment of Perfluorinated Compounds (PFCs) or Per- and Polyfluoroalkyl Substances (PFAS) Sites at Various Base Realignment and Closure (BRAC) Installations, Former Mare Island Naval Shipyard, Vallejo, California, (November 2017), the Final Sampling and Analysis Plan for the Initial Assessment of Per-Fluorinated Compounds (PFCS) or Per- and Polyfluoroalkyl Substances (PFAS) Sites at Various Base Realignment and Closure (BRAC) Installations (March 2017), the U.S. Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, Version 5.1 (2017), and a modified outline of the USEPA National Functional Guidelines (NFG) for Superfund Organic Methods Data Review (August 2014). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Perfluorinated Alkyl Acids by Environmental Protection Agency (EPA) Method 537

All sample results were subjected to Stage 2B data validation, which comprises an evaluation of quality control (QC) summary results. Samples appended with a double asterisk on the cover page were subjected to Stage 4 data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. LC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

III. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

For compounds where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the compounds, all coefficients of determination (r^2) were greater than or equal to 0.990.

For each calibration point, the percent differences (%D) of its true value were less than or equal to 30.0% for all compounds.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all compounds.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all compounds.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample EB02-20180116 was identified as an equipment blank. No contaminants were found.

Sample SB01-20180115 (from SDG 1800121) was identified as a source blank. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method. Percent recoveries (%R) were within QC limits with the following exceptions:

LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	Flag	A or P
B8A0140-BS1/BSD1 (All samples in SDG 1800127)	PFTTrDA PFTTeDA	- -	132 (70-130) 143 (70-130)	NA	-

Relative percent differences (RPD) were within QC limits with the following exceptions:

LCS ID (Associated Samples)	Compound	RPD (Limits)	Flag	A or P
B8A0140-BS1/BSD1 (All samples in SDG 1800127)	PFTTeDA	30.7 (≤30)	NA	-

IX. Field Duplicates

Samples IRSite1-GW-MW85A-20180116 and DUP02-20180116 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Compound	Concentration (ng/L)		RPD (Limits)	Difference (Limits)	Flag	A or P
	IRSite1-GW-MW85A-20180116	DUP02-20180116				
PFHxA	22.6	21.5	5 (≤30)	-	-	-
PFHpA	7.37	7.45	-	0.08 (≤4.19)	-	-
PFOA	10.6	11.5	-	0.9 (≤4.19)	-	-

X. Internal Standards

All internal standard recoveries (%R) were within QC limits.

XI. Compound Quantitation

All compound quantitations met validation criteria for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2B validation.

XII. Target Compound Identifications

All target compound identifications met validation criteria for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2B validation.

XIII. System Performance

The system performance was acceptable for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2B validation.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable. Based upon the data validation all results are considered valid and usable for all purposes.

Mare Island, TO 008
Perfluorinated Alkyl Acids - Data Qualification Summary - SDG 1800127

No Sample Data Qualified in this SDG

Mare Island, TO 008
Perfluorinated Alkyl Acids - Laboratory Blank Data Qualification Summary - SDG 1800127

No Sample Data Qualified in this SDG

Mare Island, TO 008
Perfluorinated Alkyl Acids - Field Blank Data Qualification Summary - SDG 1800127

No Sample Data Qualified in this SDG

METHOD: LC/MS Perfluorinated Alkyl Acids (EPA Method 537)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A, A	ESD ≤ 20%. True TO ≤ 30%. ICV ≤ 30%
IV.	Continuing calibration	A	CCV ≤ 30%
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	EB=1. SB=SB01-20180115 (1800121)
VII.	Surrogate spikes	N	
VIII.	Matrix spike/Matrix spike duplicates	A	CS
IX.	Laboratory control samples	TW	LCSD
X.	Field duplicates	TW	D = 7+8
XI.	Internal standards	A	
XII.	Compound quantitation RL/LOQ/LODs	A	Not reviewed for Stage 2B validation.
XIII.	Target compound identification	A	Not reviewed for Stage 2B validation.
XIV.	System performance	A	Not reviewed for Stage 2B validation.
XV.	Overall assessment of data	A	

Note: A = Acceptable ND = No compounds detected D = Duplicate SB=Source blank
 N = Not provided/applicable R = Rinsate TB = Trip blank OTHER:
 SW = See worksheet FB = Field blank EB = Equipment blank

** Indicates sample underwent Stage 4 validation

	Client ID	Lab ID	Matrix	Date
1	EB02-20180116	1800127-01	Water	01/16/18
2	IRSite1-GW-01W53A-20180116	1800127-02	Water	01/16/18
3	IRSite1-GW-MW80A-20180116	1800127-03	Water	01/16/18
4	IRSite1-GW-01W28B-20180116	1800127-04	Water	01/16/18
5	IRSite1-GW-01W38AR-20180116**	1800127-05**	Water	01/16/18
6	IRSite1-GW-MW86A-20180116	1800127-06	Water	01/16/18
7	IRSite1-GW-MW85A-20180116	1800127-07	Water	01/16/18
8	DUP02-20180116	1800127-08	Water	01/16/18
9	IRSite1-GW-MW82A-20180116	1800127-09	Water	01/16/18
10				
11				

Notes:

Method: LCMS (EPA Method 537)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was cooler temperature criteria met?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the specified criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples analyzed within the 12 hour clock criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all percent relative standard deviations (%RSD) < 20%?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit criteria of > 0.990?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all analytes within 70-130% or percent differences (%D) < 30% of their true value for each calibration standard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all percent differences (%D) < 30%?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all percent differences (%D) of the continuing calibration < 30%?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was a laboratory blank analyzed for each matrix and concentration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation completeness worksheet.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
VI. Field blanks				
Were field blanks identified in this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were target compounds detected in the field blanks?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
VII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Was a MS/MSD analyzed every 20 samples of each matrix?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IX. Laboratory control samples				
Was an LCS analyzed for this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Validation Area	Yes	No	NA	Findings/Comments
Was an LCS analyzed per extraction batch?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were target compounds detected in the field duplicates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XI. Internal standards				
Were internal standard area counts within $\pm 50\%$ of the associated calibration standard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XII. Compound quantitation				
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XIII. Target compound identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were chromatogram peaks verified and accounted for?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XIV. System performance				
System performance was found to be acceptable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

METHOD: LC/MS PFOS/PFOAs (EPA Method 537M)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

N N/A Was a LCS required?
 Y (N N/A) Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?

#	LCS/LCSD ID	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Associated Samples	Qualifications
	BSA040-B51	PFTyDA	()	132 (70-130)	()	All (ND)	↓ Lot 3
	B50	PFTeDA	()	143 (↓)	()		↓
		PFTeDA	()	()	30.7 (<30)		↓
			()	()	()		
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LDC#: 40693B96

VALIDATION FINDINGS WORKSHEET
Field Duplicates

Page: 1 of 1
Reviewer: Q
2nd Reviewer: RR

METHOD: PFCs (Method 537 mod)

Compound	Concentration (ng/L)		(≤ 30) RPD	Difference	Limits	Qual
	7	8				
PFHxA	22.6	21.5	5			
PFHpA	7.37	7.45		0.08	≤ 4.19	
PFOA	10.6	11.5		0.9	≤ 4.19	

LDC #: 40693B96

Validation Findings Worksheet
Initial Calibration Calculation Verification

Page: 1 of 2
Reviewer: [Signature]
2nd Reviewer: [Signature]

Method: PFCs (EPA Method 537)

Calibration Date	Instrument/Column	Compound	Standard	(Y) Response	(X) Conc.	(X ²) Conc.
1/30/2018	BEH C18	PFBS	0	0.539625	0.25	0.0625
			s1	0.9971025	0.5	0.25
			s2	1.7713525	1	1
			s3	3.62805	2	4
			s4	8.82137	5	25
			s5	18.671726	10	100
			s6	90.643272	50	2500
			s7	183.57103	100	10000
			s8	426.34695	250	62500
			s9	855.71767	500	250000

Regression Output	Calculated		Reported	
Constant	c	1.27043	c	0.07978
Std Err of Y Est				
R Squared		0.9998186		0.9996480
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.744350548	-7.57181E-05	1.79867	-0.000192588
Std Err of Coef.				
Correlation Coefficient		0.999909		
Coefficient of Determination (r ²)		0.999819		

LDC #: 4069896

Validation Findings Worksheet
Initial Calibration Calculation Verification

Page: 2 of 2
 Reviewer: [Signature]
 2nd Reviewer: [Signature]

Method: PFCs (EPA Method 537)

Calibration Date	Instrument/Column	Compound	Standard	(Y) Response	(X) Conc.	(X^2) Conc.
1/30/2018	BEH C18	PFOA	0	0.2712962	0.25	0.0625
			s1	0.6150987	0.5	0.25
			s2	1.2008337	1	1
			s3	2.4685425	2	4
			s4	5.09554	5	25
			s5	11.171891	10	100
			s6	51.106577	50	2500
			s7	95.486935	100	10000
			s8	211.0761	250	62500
			s9	495.78483	500	250000

Regression Output	Calculated		Reported	
Constant	c	3.04538	c	0.07171
Std Err of Y Est				
R Squared		0.9984411		0.9995660
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	0.766038111	0.000430677	1.05615	-0.000857391
Std Err of Coef.				
Correlation Coefficient		0.999220		
Coefficient of Determination (r^2)		0.998441		

VALIDATION FINDINGS WORKSHEET Continuing Calibration Results Verification

METHOD: LC/MS PFOS/PFOAs (EPA Method 537M)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
 RRF = (A_x)(C_{is})/(A_{is})(C_x)

Where: ave. RRF = initial calibration average RRF
 RRF = continuing calibration RRF
 A_x = Area of compound,
 C_x = Concentration of compound,
 A_{is} = Area of associated internal standard
 C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference Internal Standard)	Average RRF (initial)	Reported	Recalculated	Reported	Recalculated
					RRF (CC)	RRF (CC)	%D	%D
1	180 BOND-40	1/30/18	PFBS (1st internal standard)	10.0	10.35	10.33	3.5	3.3
			PFOA (2nd internal standard)	↓	9.875	9.93	1.2	0.7
			(3rd internal standard)					
2			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
3			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
4			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results

VALIDATION FINDINGS WORKSHEET
Laboratory Control Sample/Laboratory Control Sample Duplicates Results Verification

METHOD: LC/MS PFOS/PFOAs (EPA Method 537M)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the compounds identified below using the following calculation:

% Recovery = 100 * (SC/SA)

Where: SSC = Spike concentration
 SA = Spike added

RPD = | LCSC - LCSDC | * 2 / (LCSC + LCSDC)

LCSC = Laboratory control sample concentration LCSDC = Laboratory control sample duplicate concentration

LCS/LCSD samples: B8A040 - B81 / B801

Compound	Spike Added (<u>NS/A</u>)		Spike Concentration (<u>NS/A</u>)		LCS		LCSD		LCS/LCSD	
	LCS	LCSD	LCS	LCSD	Percent Recovery		Percent Recovery		RPD	
					Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
PFBS	<u>40.0</u>	<u>40.0</u>	<u>37.8</u>	<u>41.5</u>	<u>94.5</u>	<u>94.5</u>	<u>104</u>	<u>104</u>	<u>9.39</u>	<u>9.33</u>
PFOA	<u>↓</u>	<u>↓</u>	<u>32.9</u>	<u>36.8</u>	<u>82.3</u>	<u>82.3</u>	<u>92.0</u>	<u>92.0</u>	<u>11.2</u>	<u>11.2</u>

Comments: Refer to Laboratory Control Sample/Laboratory Control Sample Duplicates findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

METHOD: LC/MS PFOS/PFOAs (EPA Method 537M)

N N/A
 N N/A

Were all reported results recalculated and verified for all level IV samples?

Were all recalculated results for detected target compounds agree within 10.0% of the reported results?

$$\text{Concentration} = \frac{(A_x)(I_s)(V_i)(DF)(2.0)}{(A_s)(RRF)(V_o)(V_t)(\%S)}$$

- A_x = Area of the characteristic ion (EICP) for the compound to be measured
- A_s = Area of the characteristic ion (EICP) for the specific internal standard
- I_s = Amount of internal standard added in nanograms (ng)
- V_o = Volume or weight of sample extract in milliliters (ml) or grams (g).
- V_i = Volume of extract injected in microliters (ul)
- V_t = Volume of the concentrated extract in microliters (ul)
- Df = Dilution Factor.
- %S = Percent solids, applicable to soil and solid matrices only.
- 2.0 = Factor of 2 to account for GPC cleanup

Example:

Sample I.D. S PFBS

$$\text{Conc.} = \frac{(-1.1985) \cdot (1.1985) \cdot [4 \cdot (0.0001926) \cdot (52.9 \times 10^{-5}) \cdot (1000) + 0.01918]}{(2) \cdot (0.0001926) \cdot (0.266)}$$

$$= 12.52 \text{ ng/L}$$

#	Sample ID	Compound	Reported Concentration (N/A)	Calculated Concentration ()	Qualification
	<u>S</u>	<u>PFBS</u>	<u>12.5</u>		

LDC #: 40693

EDD POPULATION COMPLETENESS WORKSHEET

Date: 3/1
 Page: 1 of 1
 2nd Reviewer: BA

The LDC job number listed above was entered by JE

	EDD Process		Comments/Action
I.	EDD Completeness	-	
Ia.	- All methods present?	Y	
Ib.	- All samples present/match report?	Y	
Ic.	- All reported analytes present?	Y	
Id.	10% or 100% verification of EDD?	Y	
II.	EDD Preparation/Entry	-	
IIa.	- Carryover U/J?	-	
IIb.	- Reason Codes used? If so, note which codes.	Y	
IIc.	- Additional Information (QC Level, Validator, Validated Y/N, etc.)	Y	
III.	Reasonableness Checks	-	
IIIa.	- Do all qualified ND results have ND qualifier (e.g. UJ)?	Y	
IIIb.	- Do all qualified detect results have detect qualifier (e.g. J)?	Y	
IIIc.	- If reason codes are used, do all qualified results have reason code field populated, and vice versa?	Y	
IIId.	- Does the detect flag require changing for blank qualifier? If so, are all U results marked ND?	+	
IIIe.	- Do blank concentrations in report match EDD where data was qualified due to blank contamination?	-	
IIIf.	- Were multiple results reported due to dilutions/reanalysis? If so, were results qualified appropriately?	+	
IIIg.	- Are there any discrepancies between the data packet and the EDD?	N	

Notes: *see discrepancy sheet

INSTALLATION_ID	SITE_NAME	LOCATION_NAME	LOCATION_TYPE	LOCATION_TYPE_DESC	COORD_X	COORD_Y	SAMPLE_MATRIX	SAMPLE_MATRIX_DESC	COLLECT_DATE	ANALYTICAL_METHOD_GRP_DESC	SDG
MARE_ISLAND_NSY	IR Site 1	01W13A	WLM	Monitoring well	6478978.577490	1798550.119390	WG	Groundwater	15-Jan-18	Perfluoroalkyl Compounds	1800121
MARE_ISLAND_NSY	IR Site 1	01W48A	WLM	Monitoring well	6479549.041240	1798855.309640	WG	Groundwater	15-Jan-18	Perfluoroalkyl Compounds	1800121
MARE_ISLAND_NSY	IR Site 1	01W49A	WLM	Monitoring well	6478408.888270	1799450.659480	WG	Groundwater	15-Jan-18	Perfluoroalkyl Compounds	1800121
MARE_ISLAND_NSY	IR Site 5	05W01	WLM	Monitoring well	6486943.004600	1787875.584610	WG	Groundwater	15-Jan-18	Perfluoroalkyl Compounds	1800121
MARE_ISLAND_NSY	IR Site 5	05W03	WLM	Monitoring well	6487212.723240	1787827.958730	WG	Groundwater	15-Jan-18	Perfluoroalkyl Compounds	1800121
MARE_ISLAND_NSY	IR Site 5	05W06	WLM	Monitoring well	6487867.540310	1787675.863330	WG	Groundwater	15-Jan-18	Perfluoroalkyl Compounds	1800121
MARE_ISLAND_NSY	IR Site 5	05W07	WLM	Monitoring well	6487486.843610	1787260.941260	WG	Groundwater	15-Jan-18	Perfluoroalkyl Compounds	1800121
MARE_ISLAND_NSY	IR Site 5	05W08	WLM	Monitoring well	6487018.731670	1788332.418750	WG	Groundwater	15-Jan-18	Perfluoroalkyl Compounds	1800121
MARE_ISLAND_NSY	UXO Site 14	DPW77A	WLM	Monitoring well	6486156.414590	1788054.348690	WG	Groundwater	15-Jan-18	Perfluoroalkyl Compounds	1800121
MARE_ISLAND_NSY	UXO Site 14	DPW78A	WLM	Monitoring well	6485529.801280	1788453.414600	WG	Groundwater	15-Jan-18	Perfluoroalkyl Compounds	1800121
MARE_ISLAND_NSY	UXO Site 14	DPW79A	WLM	Monitoring well	6486254.233580	1789049.440200	WG	Groundwater	15-Jan-18	Perfluoroalkyl Compounds	1800121