



**Groundwater Sample Results,  
Level 2 Laboratory Report, Level 4 Laboratory Report,  
Electronic Data Deliverable, Data Validation Report,  
and the Sample Location Report, SDG 1800367**

*Naval Air Station Whidbey Island  
Oak Harbor, Washington*

June 2019

March 19, 2018

**Vista Work Order No. 1800367**

Ms. Tiffany Hill  
CH2M Hill  
1100 NE Circle Blvd. Suite 300  
Corvallis, OR 97330

Dear Ms. Hill,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on February 27, 2018. This sample set was analyzed on a rush turn-around time, under your Project Name '695610.05.FI.FS'.

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](mailto: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. 1800367**

### **Case Narrative**

#### **Sample Condition on Receipt:**

Eight aqueous samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology. Samples "WI-A06-EB01-022218" and two bottles of "WI-A06-5-05-0218" were received but not listed on the COC. The client sent a revised COC via email indicating the correct IDs as "WI-A06-EB01-0218", "WI-A06-6-S-05-0218" and "WI-A06-6-S-05P-0218"

#### **Analytical Notes:**

Due to a laboratory oversight, the spike solution used in the initial extraction did not contain PFDoA. The samples were re-extracted for PFDoA past method hold times.

#### **Modified EPA Method 537**

Sample "WI-A06-6-S-05-0218" contained particulate and was centrifuged prior to re-extraction.

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. Re-extraction for PFDoA was performed past method hold times.

#### **Quality Control**

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

A Method Blank and Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) were extracted and analyzed with each preparation batch. No analytes were detected in the Method Blanks above 1/2 of the LOQ concentrations. The PFDA recovery was >130% for the LCSD Batch B8C0006. The analyte was not detected in the samples. All other LCS/LCSD recoveries were within the acceptance criteria.

The extracts of samples "WI-A06-MW03B-0218", "WI-A06-S-02-0218" and the Method Blank for Batch B8C0006 were re-injected because one or more Injection Internal Standard Analyte response areas were outside of criteria. The results were similar in the second injection. The results from the second injections were reported.

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

## QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
1800367-02	WI-A06-MW03B-0218	Modified EPA Method 537	13C2-PFTeDA	H	14.6
1800367-03	WI-A06-FB01-022218	Modified EPA Method 537	13C2-PFTeDA	H	23.3
1800367-04	WI-A06-S-02-0218	Modified EPA Method 537	13C2-PFTeDA	H	11.7
1800367-06	WI-A06-6-S-05P-0218	Modified EPA Method 537	13C2-PFTeDA	H	31.9
1800367-07	WI-A06-FB01-022318	Modified EPA Method 537	13C2-PFTeDA	H	39.8
1800367-08	WI-A06-EB01-022318	Modified EPA Method 537	13C2-PFTeDA	H	17.5
B8C0006-BLK1	B8C0006-BLK1	Modified EPA Method 537	13C2-PFTeDA	H	13.5
B8C0006-BS1	B8C0006-BS1	Modified EPA Method 537	13C2-PFTeDA	H	34.9

H = Recovery was outside laboratory acceptance criteria.

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# Sample Inventory Report

<b>Vista Sample ID</b>	<b>Client Sample ID</b>	<b>Sampled</b>	<b>Received</b>	<b>Components/Containers</b>
1800367-01	WI-A06-EB01-0218	22-Feb-18 15:50	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800367-02	WI-A06-MW03B-0218	22-Feb-18 15:00	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800367-03	WI-A06-FB01-022218	22-Feb-18 15:00	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800367-04	WI-A06-S-02-0218	23-Feb-18 13:55	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800367-05	WI-A06-6-S-05-0218	23-Feb-18 10:35	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800367-06	WI-A06-6-S-05P-0218	23-Feb-18 10:35	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800367-07	WI-A06-FB01-022318	23-Feb-18 15:00	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800367-08	WI-A06-EB01-022318	23-Feb-18 15:00	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL

## **ANALYTICAL RESULTS**

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

<b>Client Data</b>				<b>Laboratory Data</b>						
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	B8C0006-BLK1	Column:	BEH C18			
Project:	695610.05.FI.FS									

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.895	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFHxA	ND	1.09	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFHpA	ND	0.296	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFHxS	ND	0.474	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFOA	ND	0.326	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFOS	ND	0.404	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFNA	ND	0.405	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFDA	ND	0.745	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
MeFOSAA	ND	0.825	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFOA	ND	0.525	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
EtFOSAA	ND	0.685	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFTTrDA	ND	0.247	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFTeDA	ND	0.378	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	99.3	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C2-PFHxA	IS	100	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C4-PFHpA	IS	92.2	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
18O2-PFHxS	IS	95.2	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C2-PFOA	IS	88.5	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C8-PFOS	IS	87.5	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C5-PFNA	IS	105	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C2-PFDA	IS	86.9	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
d3-MeFOSAA	IS	89.0	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C2-PFOA	IS	72.4	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
d5-EtFOSAA	IS	81.1	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C2-PFTeDA	IS	13.5	50 - 150	H	B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	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.



LCS/LCSD Results

Modified EPA Method 537

Matrix: Aqueous  
Sample Size: 0.250 L

QC Batch: B8C0006  
Date Extracted: 01-Mar-2018 13:20

Lab Sample: B8C0006-BS1/B8C0006-BSD1  
Date Analyzed: 08-Mar-18 13:41 Column: BEH C18  
08-Mar-18 13:52 Column: BEH C18

Analyte	LCS-%R	LCSD-%R	RPD	Labeled Standard	LCS-%R	LCSD-%R
PFBS	109	111	1.03	IS 13C3-PFBS	88.6	91.4
PFHxA	102	101	1.07	IS 13C2-PFHxA	92.5	94.4
PFHpA	98.4	106	7.12	IS 13C4-PFHpA	88.9	87.6
PFHxS	106	93.6	12.1	IS 18O2-PFHxS	96.9	96.8
PFOA	90.3	92.7	2.55	IS 13C2-PFOA	97.7	91.6
PFOS	94.5	107	12.8	IS 13C8-PFOS	99.5	85.4
PFNA	84.4	81.4	3.65	IS 13C5-PFNA	84.0	87.4
PFDA	117	140	17.7	IS 13C2-PFDA	77.5	66.6
MeFOSAA	104	89.6	14.6	IS d3-MeFOSAA	66.6	64.2
PFUnA	107	106	1.28	IS 13C2-PFUnA	65.1	68.2
EtFOSAA	92.5	113	19.8	IS d5-EtFOSAA	82.9	59.3
PFTTrDA	97.8	119	19.8	IS 13C2-PFTeDA	34.9	53.4
PFTeDA	102	120	16.9			

LCL-UCL - Lower control limit - upper control limit

Sample ID: Method Blank						Modified EPA Method 537					
Client Data					Laboratory Data						
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	B8C0101-BLK1	Column:	BEH C18				
Project:	695610.05.FI.FS										
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFD <sub>o</sub> A	ND	0.792	5.00	8.00		B8C0101	17-Mar-18	0.125 L	17-Mar-18 20:43	1	
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C2-PFD <sub>o</sub> A	IS	78.5	50 - 150		B8C0101	17-Mar-18	0.125 L	17-Mar-18 20:43	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.

LCS/LCSD Results				Modified EPA Method 537			
Matrix: Aqueous	QC Batch: B8C0101			Lab Sample: B8C0101-BS1/B8C0101-BSD1			
Sample Size: 0.125 L	Date Extracted: 17-Mar-2018 10:00			Date Analyzed: 17-Mar-18 20:20 Column: BEH C18 17-Mar-18 20:31 Column: BEH C18			
Analyte	LCS-%R	LCSD-%R	RPD	Labeled Standard		LCS-%R	LCSD-%R
PFD <sub>o</sub> A	107	88.0	19.3	IS	13C2-PFD <sub>o</sub> A	58.0	73.3

LCL-UCL - Lower control limit - upper control limit

**Sample ID: WI-A06-EB01-0218**

**Modified EPA Method 537**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	1800367-01	Column:	BEH C18
Project:	695610.05.FI.FS	Date Collected:	22-Feb-18 15:50	Date Received:	27-Feb-18 09:40		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.82	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFHxA	ND	2.21	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFHpA	ND	0.600	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFHxS	ND	0.962	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFOA	ND	0.661	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFOS	ND	0.819	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFNA	ND	0.822	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFDA	ND	1.51	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
MeFOSAA	ND	1.68	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFOxA	ND	1.07	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
EtFOSAA	ND	1.39	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFDxA	ND	0.823	5.21	8.31		B8C0101	17-Mar-18	0.120 L	17-Mar-18 22:49	1
PFTxDA	ND	0.502	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFTxDA	ND	0.767	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	100	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C2-PFHxA	IS	91.7	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C4-PFHpA	IS	90.1	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
18O2-PFHxS	IS	91.1	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C2-PFOA	IS	89.6	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C8-PFOS	IS	86.2	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C5-PFNA	IS	76.1	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C2-PFDA	IS	72.2	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
d3-MeFOSAA	IS	85.4	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C2-PFOxA	IS	87.6	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
d5-EtFOSAA	IS	80.1	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C2-PFDxA	IS	62.0	50 - 150		B8C0101	17-Mar-18	0.120 L	17-Mar-18 22:49	1
13C2-PFTxDA	IS	64.9	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	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: WI-A06-MW03B-0218**

**Modified EPA Method 537**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	1800367-02	Column:	BEH C18
Project:	695610.05.FI.FS	Date Collected:	22-Feb-18 15:00	Date Received:	27-Feb-18 09:40		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.88	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFHxA	3.55	2.29	5.25	8.39	J	B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFHpA	ND	0.620	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFHxS	ND	0.993	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFOA	ND	0.683	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFOS	ND	0.846	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFNA	ND	0.849	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFDA	ND	1.56	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
MeFOSAA	ND	1.73	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFOxA	ND	1.10	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
EtFOSAA	ND	1.44	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFDxA	ND	0.822	5.21	8.30		B8C0101	17-Mar-18	0.120 L	17-Mar-18 23:00	1
PFTeDA	ND	0.518	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFTeDA	ND	0.792	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	93.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C2-PFHxA	IS	89.4	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C4-PFHpA	IS	91.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
18O2-PFHxS	IS	83.6	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C2-PFOA	IS	82.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C8-PFOS	IS	103	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C5-PFNA	IS	86.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C2-PFDA	IS	88.4	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
d3-MeFOSAA	IS	68.6	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C2-PFOxA	IS	73.4	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
d5-EtFOSAA	IS	64.2	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C2-PFDxA	IS	69.8	50 - 150		B8C0101	17-Mar-18	0.120 L	17-Mar-18 23:00	1
13C2-PFTeDA	IS	14.6	50 - 150	H	B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	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: WI-A06-FB01-022218**

**Modified EPA Method 537**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	1800367-03	Column:	BEH C18
Project:	695610.05.FI.FS	Date Collected:	22-Feb-18 15:00	Date Received:	27-Feb-18 09:40		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.81	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFHxA	ND	2.20	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFHpA	ND	0.596	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFHxS	ND	0.955	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFOA	ND	0.656	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFOS	ND	0.814	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFNA	ND	0.817	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFDA	ND	1.50	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
MeFOSAA	ND	1.66	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFOxA	ND	1.06	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
EtFOSAA	ND	1.38	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFDxA	ND	0.847	5.34	8.56		B8C0101	17-Mar-18	0.117 L	17-Mar-18 23:12	1
PFTeDA	ND	0.498	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFTeDA	ND	0.761	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	103	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C2-PFHxA	IS	96.6	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C4-PFHpA	IS	97.5	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
18O2-PFHxS	IS	90.8	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C2-PFOA	IS	83.3	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C8-PFOS	IS	85.1	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C5-PFNA	IS	79.9	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C2-PFDA	IS	79.8	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
d3-MeFOSAA	IS	73.4	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C2-PFOxA	IS	67.0	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
d5-EtFOSAA	IS	69.8	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C2-PFDxA	IS	69.0	50 - 150		B8C0101	17-Mar-18	0.117 L	17-Mar-18 23:12	1
13C2-PFTeDA	IS	23.3	50 - 150	H	B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	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: WI-A06-S-02-0218**

**Modified EPA Method 537**

Client Data					Laboratory Data					
Name:	CH2M Hill	Matrix:	Aqueous		Lab Sample:	1800367-04	Column:	BEH C18		
Project:	695610.05.FI.FS	Date Collected:	23-Feb-18 13:55		Date Received:	27-Feb-18 09:40				

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	5.03	1.88	5.25	8.41	J	B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFHxA	ND	2.29	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFHpA	ND	0.621	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFHxS	18.0	0.995	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFOA	9.64	0.684	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFOS	ND	0.848	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFNA	ND	0.851	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFDA	ND	1.57	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
MeFOSAA	ND	1.73	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFUnA	ND	1.10	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
EtFOSAA	ND	1.44	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFDoA	ND	0.835	5.25	8.44		B8C0101	17-Mar-18	0.119 L	17-Mar-18 23:23	1
PFTeDA	ND	0.519	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFTeDA	ND	0.793	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	102	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C2-PFHxA	IS	97.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C4-PFHpA	IS	93.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
18O2-PFHxS	IS	87.8	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C2-PFOA	IS	82.8	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C8-PFOS	IS	115	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C5-PFNA	IS	76.0	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C2-PFDA	IS	82.3	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
d3-MeFOSAA	IS	98.2	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C2-PFUnA	IS	69.8	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
d5-EtFOSAA	IS	94.5	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C2-PFDoA	IS	72.9	50 - 150		B8C0101	17-Mar-18	0.119 L	17-Mar-18 23:23	1
13C2-PFTeDA	IS	11.7	50 - 150	H	B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	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: WI-A06-6-S-05-0218**

**Modified EPA Method 537**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	1800367-05	Column:	BEH C18
Project:	695610.05.FI.FS	Date Collected:	23-Feb-18 10:35	Date Received:	27-Feb-18 09:40		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.83	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFHxA	ND	2.23	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFHpA	ND	0.604	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFHxS	4.45	0.967	5.12	8.17	J	B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFOA	ND	0.665	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFOS	ND	0.824	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFNA	ND	0.827	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFDA	ND	1.52	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
MeFOSAA	ND	1.69	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFOxA	ND	1.07	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
EtFOSAA	ND	1.40	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFDxA	ND	0.820	5.17	8.29		B8C0101	17-Mar-18	0.121 L	17-Mar-18 23:35	1
PFTxDA	ND	0.505	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFTxDA	ND	0.771	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	89.1	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C2-PFHxA	IS	93.1	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C4-PFHpA	IS	91.9	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
18O2-PFHxS	IS	83.2	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C2-PFOA	IS	96.4	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C8-PFOS	IS	91.1	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C5-PFNA	IS	81.0	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C2-PFDA	IS	77.6	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
d3-MeFOSAA	IS	74.1	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C2-PFOxA	IS	73.4	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
d5-EtFOSAA	IS	72.2	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C2-PFDxA	IS	59.2	50 - 150		B8C0101	17-Mar-18	0.121 L	17-Mar-18 23:35	1
13C2-PFTxDA	IS	71.5	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	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: WI-A06-6-S-05P-0218**

**Modified EPA Method 537**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	1800367-06	Column:	BEH C18
Project:	695610.05.FI.FS	Date Collected:	23-Feb-18 10:35	Date Received:	27-Feb-18 09:40		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.79	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFHxA	ND	2.17	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFHpA	0.654	0.589	5.00	7.98	J	B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFHxS	3.66	0.945	5.00	7.98	J	B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFOA	ND	0.649	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFOS	ND	0.805	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFNA	ND	0.808	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFDA	ND	1.49	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
MeFOSAA	ND	1.65	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFUnA	ND	1.05	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
EtFOSAA	ND	1.37	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFDoA	ND	0.840	5.30	8.48		B8C0101	17-Mar-18	0.118 L	17-Mar-18 23:46	1
PFTeDA	ND	0.493	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFTeDA	ND	0.753	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	99.9	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C2-PFHxA	IS	93.1	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C4-PFHpA	IS	93.3	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
18O2-PFHxS	IS	101	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C2-PFOA	IS	81.8	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C8-PFOS	IS	89.4	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C5-PFNA	IS	75.1	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C2-PFDA	IS	69.4	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
d3-MeFOSAA	IS	66.2	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C2-PFUnA	IS	59.4	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
d5-EtFOSAA	IS	62.2	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C2-PFDoA	IS	67.4	50 - 150		B8C0101	17-Mar-18	0.118 L	17-Mar-18 23:46	1
13C2-PFTeDA	IS	31.9	50 - 150	H	B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	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: WI-A06-FB01-022318**

**Modified EPA Method 537**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	1800367-07	Column:	BEH C18
Project:	695610.05.FI.FS	Date Collected:	23-Feb-18 15:00	Date Received:	27-Feb-18 09:40		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.83	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFHxA	ND	2.23	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFHpA	ND	0.606	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFHxS	ND	0.971	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFOA	ND	0.667	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFOS	1.48	0.827	5.12	8.20	J	B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFNA	ND	0.830	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFDA	ND	1.53	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
MeFOSAA	ND	1.69	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFUnA	ND	1.08	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
EtFOSAA	ND	1.40	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFDoA	ND	0.842	5.30	8.51		B8C0101	17-Mar-18	0.118 L	17-Mar-18 23:58	1
PFTeDA	ND	0.506	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFTeDA	ND	0.774	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	105	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C2-PFHxA	IS	92.5	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C4-PFHpA	IS	103	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
18O2-PFHxS	IS	89.4	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C2-PFOA	IS	75.3	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C8-PFOS	IS	84.9	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C5-PFNA	IS	70.4	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C2-PFDA	IS	65.8	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
d3-MeFOSAA	IS	63.6	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C2-PFUnA	IS	55.2	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
d5-EtFOSAA	IS	66.7	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C2-PFDoA	IS	84.2	50 - 150		B8C0101	17-Mar-18	0.118 L	17-Mar-18 23:58	1
13C2-PFTeDA	IS	39.8	50 - 150	H	B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	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: WI-A06-EB01-022318**

**Modified EPA Method 537**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	1800367-08	Column:	BEH C18
Project:	695610.05.FI.FS	Date Collected:	23-Feb-18 15:00	Date Received:	27-Feb-18 09:40		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.81	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFHxA	ND	2.20	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFHpA	ND	0.597	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFHxS	ND	0.956	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFOA	ND	0.657	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFOS	ND	0.815	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFNA	ND	0.818	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFDA	ND	1.50	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
MeFOSAA	ND	1.67	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFOxA	ND	1.06	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
EtFOSAA	ND	1.38	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFDxA	ND	0.818	5.17	8.26		B8C0101	17-Mar-18	0.121 L	18-Mar-18 00:09	1
PFTeDA	ND	0.499	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFTeDA	ND	0.762	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	97.1	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C2-PFHxA	IS	94.8	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C4-PFHpA	IS	93.6	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
18O2-PFHxS	IS	106	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C2-PFOA	IS	87.0	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C8-PFOS	IS	89.9	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C5-PFNA	IS	79.2	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C2-PFDA	IS	73.0	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
d3-MeFOSAA	IS	58.1	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C2-PFOxA	IS	54.4	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
d5-EtFOSAA	IS	60.4	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C2-PFDxA	IS	67.3	50 - 150		B8C0101	17-Mar-18	0.121 L	18-Mar-18 00:09	1
13C2-PFTeDA	IS	17.5	50 - 150	H	B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	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.

## **DATA QUALIFIERS & ABBREVIATIONS**

<b>B</b>	<b>This compound was also detected in the method blank.</b>
<b>D</b>	<b>Dilution</b>
<b>E</b>	<b>The associated compound concentration exceeded the calibration range of the instrument.</b>
<b>H</b>	<b>Recovery and/or RPD was outside laboratory acceptance limits.</b>
<b>I</b>	<b>Chemical Interference</b>
<b>J</b>	<b>The amount detected is below the Reporting Limit/LOQ.</b>
<b>M</b>	<b>Estimated Maximum Possible Concentration. (CA Region 2 projects only)</b>
<b>*</b>	<b>See Cover Letter</b>
<b>Conc.</b>	<b>Concentration</b>
<b>NA</b>	<b>Not applicable</b>
<b>ND</b>	<b>Not Detected</b>
<b>TEQ</b>	<b>Toxic Equivalency</b>
<b>U</b>	<b>Not Detected (specific projects only)</b>

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

## CERTIFICATIONS

<b>Accrediting Authority</b>	<b>Certificate Number</b>
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.*



Submit by Email\*

FOR LABORATORY USE ONLY

Laboratory Project ID: 1800367

Temp: 3.2 °C

Storage ID: WR-2

Storage Secured: Yes  No

# CHAIN OF CUSTODY RECORD

Project I.D.: 195610.05.FI.ES P.O. #: CTO-4041 Sampler: E Cutter

TAT: (Check One)  
Standard  21 days  
Rush (surcharge may apply)  
 14 days  7 days Specify:

Invoice to: Name: Rebecca Maco Company: CH2M Address: 1100 112th Ave Ste 500 City: Bellevue State: WA Zip: 98004 Ph#: (425) 698-9794 Fax #:

Relinquished by: (Printed Name and Signature) Eric Cutter Date: 2-26-18 Time: 1200 Received by: (Signature and Printed Name) B. Benedict Date: 02/27/18 Time: 1245 Via-email

See "Sample Log-in Checklist" for additional sample information

SHIP TO: Vista Analytical Laboratory 1104 Windfield Way El Dorado Hills, CA 95762 (916) 673-1520 • Fax (916) 673-0106			Method of Shipment: <u>Fed Ex</u>		Add Analysis(es) Requested <i>Mod. EPA537</i>															
ATTN: _____			Tracking No.: _____		Container(s)															
Sample ID	Date	Time	Location/Sample Description	Quantity	Type	Matrix	537 List: 14	1-2000-0201	2000-0202	2000-0203	2000-0204	2000-0205	2000-0206	2000-0207	2000-0208	2000-0209	2000-0210	2000-0211	2000-0212	
* WI-A06-EP1-02218	2-22-18	1550		2	P	AQ	2													
WI-A06-MW07-0218	2-22-18	1500		2	P	AQ	2													
WI-A06-EP1-02218	2-22-18	1500		2	P	AR	2													
WI-A06-6-5-02-0218	2-23-18	1355		2	P	AQ	2													
WI-A06-6-5-05-0218	2-23-18	1035		2	P	AQ	2													
WI-A06-6-5-07-0218	2-23-18	1035		2	P	AQ	2													
WI-A06-F801-022318	2-23-18	1500		2	P	AQ	2													
WI-A06-EP1-022318	2-23-18	1500		2	P	AQ	2													

Special Instructions/Comments:

\* used label id 2/27/18 43213

SEND DOCUMENTATION AND RESULTS TO:

Name: Tiffany Hill  
Company: CH2M  
Address: 1100 NE Circle Blvd Ste 300  
City: Corvallis State: OR Zip: 97330  
Phone: (541) 762-3109 Fax:  
Email: Tiffany.Hill@ch2m.com

Container Types: A = 1 Liter Amber G = Glass Jar  
P = PUF, T = MM5 Train, O = Other

\*Bottle Preservative Type:  T = Thiosulfate,  O = Other

Matrix Types: DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other

### Sample Log-in Checklist

 Vista Work Order #: 1800367 TAT 10

<b>Samples Arrival:</b>	<b>Date/Time</b> 02/27/18 0940	<b>Initials:</b> WMS	<b>Location:</b> WR-2 <b>Shelf/Rack:</b> N/3
<b>Logged In:</b>	<b>Date/Time</b> 02/27/18 1029	<b>Initials:</b> JAB	<b>Location:</b> WR:2 <b>Shelf/Rack:</b> E2
<b>Delivered By:</b>	<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
<b>Preservation:</b>	<input checked="" type="checkbox"/> Ice	<input type="checkbox"/> Blue Ice	<input type="checkbox"/> Dry Ice
	<input type="checkbox"/> None		
<b>Temp °C:</b> 3.3 (uncorrected)	<b>Time:</b> 0945	<b>Thermometer ID:</b> IR-4	
<b>Temp °C:</b> 3.2 (corrected)	<b>Probe used:</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		

	YES	NO	NA
Adequate Sample Volume Received?	✓		
Holding Time Acceptable?			
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?	✓		
Shipping Documentation Present?	✓		
Airbill	Trk # 8037 3416 1448	✓	
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Chain of Custody / Sample Documentation Present?		✓	
COC Anomaly/Sample Acceptance Form completed?	✓		
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			
Preservation Documented:	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Trizma	None
	Yes	No	NA
Shipping Container	Vista	Client	Retain
	Return	Dispose	

Comments: Sample label ID collection date/time  
 WI-A06-EB01-022318 2/23/18 1500  
     MW03B-0218 2/22/18 1500  
     EB01-022218 1550  
     U-5-05P-0218 2/23/18 1035  
     FB01-022218 1500  
 ("B" bottle) WI-A06-5-05-0218 2/23/18 1035  
     U-5-02-0218 1355  
 ID.: LR-SLC Rev No.: 0 Rev Date: 05/18/2017 Page: 1 of 1  
 ("A" bottle) WI-A06-6-5-05-0218 FB01-022318 1500  
     2/23/18 1035

# Chain of Custody Anomaly/Sample Acceptance Form



CH2M Hill  
 Tiffany Hill  
 tiffany.hill@ch2m.com  
 (541) 768-3109

Workorder Number: 1800367  
 Date Received: 27-Feb-18 09:40  
 Documented by/date: B.Benedict 02/27/2018

Please review the following information and complete the Client Authorization section. To comply with NELAC regulations, we must receive authorization before proceeding with sample analysis.

Thank you,

Martha Maier  
 mmaier@vista-analytical.com  
 916-673-1520

Sample IDs on Chain of Custody do not match Sample Container Labels

Chain of Custody ID	Container Label ID
WI-A06-EB01-02218	WI-A06-EB01-022218 *
WI-A06-6-5-05-0218	WI-A06-6-5-05-0218 & WI-A06-5-05-0218 **

\*used id from label (COC received via email)

\*\* used the A bottle with correct id; B bottle back up container

**Client Authorization**

Proceed with Analysis:  YES  NO

Signature and Date

*Ane E Whit 2/28/18*

Client Comments/Instructions

*Use ID from COC for EB + WI-A06-6-S-05-0218  
 And WI-A06-6-S-05P-0218. See email from Tiffany 2/28/18*



# Chain of Custody Anomaly/Sample Acceptance Form



Client: CH2M Hill  
 Contact: Tiffany Hill  
 Email: tiffany.hill@ch2m.com  
 Phone: (541) 768-3109

Workorder Number: 1800367  
 Date Received: 27-Feb-18 09:40  
 Documented by/date: B.Benedict 02/27/2018

Please review the following information and complete the Client Authorization section. To comply with NELAC regulations, we must receive authorization before proceeding with sample analysis.

Thank you,

Martha Maier  
 mmaier@vista-analytical.com  
 916-673-1520

**The following information or item is needed to proceed with analysis:**

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Complete Chain-of-Custody | <input type="checkbox"/> Preservative                       | <input type="checkbox"/> Collector's Name |
| <input type="checkbox"/> Test Method Requested                | <input type="checkbox"/> Sample Identification              | <input type="checkbox"/> Sample Type      |
| <input type="checkbox"/> Analyte List Requested               | <input type="checkbox"/> Sample Collection Date and/or Time | <input type="checkbox"/> Sample Location  |
| <input type="checkbox"/> Other:                               |   |   |

**The following anomalies were noted. Authorization is needed to proceed with analysis.**

- |  |   |     |           |
|--|---|-----|-----------|
| <input type="checkbox"/> Temperature outside < 6°C Range | Samples Affected: _____                             |     |           |
| Temperature _____ °C                                     | Ice Present?  | Yes | No Melted |
| <input type="checkbox"/> Sample ID Discrepancy           | <input type="checkbox"/> Insufficient Sample Size   |     |           |
| <input type="checkbox"/> Sample Holding Time Missed      | <input type="checkbox"/> Sample Container(s) Broken |     |           |
| <input type="checkbox"/> Custody Seals Broken            | <input type="checkbox"/> Incorrect Container Type   |     |           |

**Comments:**

**Client Authorization**

Proceed with Analysis:  YES  NO

Signature and Date

*Amie E. Willet* 2/27/18

Client Comments/Instructions

*Tiffany Hill emailed over CoC*

March 19, 2018

**Vista Work Order No. 1800367**

Ms. Tiffany Hill  
CH2M Hill  
1100 NE Circle Blvd. Suite 300  
Corvallis, OR 97330

Dear Ms. Hill,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on February 27, 2018. This sample set was analyzed on a rush turn-around time, under your Project Name '695610.05.FI.FS'.

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](mailto: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. 1800367**

### **Case Narrative**

#### **Sample Condition on Receipt:**

Eight aqueous samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology. Samples "WI-A06-EB01-022218" and two bottles of "WI-A06-5-05-0218" were received but not listed on the COC. The client sent a revised COC via email indicating the correct IDs as "WI-A06-EB01-0218", "WI-A06-6-S-05-0218" and "WI-A06-6-S-05P-0218"

#### **Analytical Notes:**

Due to a laboratory oversight, the spike solution used in the initial extraction did not contain PFDoA. The samples were re-extracted for PFDoA past method hold times.

#### **Modified EPA Method 537**

Sample "WI-A06-6-S-05-0218" contained particulate and was centrifuged prior to re-extraction.

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. Re-extraction for PFDoA was performed past method hold times.

#### **Quality Control**

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

A Method Blank and Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) were extracted and analyzed with each preparation batch. No analytes were detected in the Method Blanks above 1/2 of the LOQ concentrations. The PFDA recovery was >130% for the LCSD Batch B8C0006. The analyte was not detected in the samples. All other LCS/LCSD recoveries were within the acceptance criteria.

The extracts of samples "WI-A06-MW03B-0218", "WI-A06-S-02-0218" and the Method Blank for Batch B8C0006 were re-injected because one or more Injection Internal Standard Analyte response areas were outside of criteria. The results were similar in the second injection. The results from the second injections were reported.

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

## QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
1800367-02	WI-A06-MW03B-0218	Modified EPA Method 537	13C2-PFTeDA	H	14.6
1800367-03	WI-A06-FB01-022218	Modified EPA Method 537	13C2-PFTeDA	H	23.3
1800367-04	WI-A06-S-02-0218	Modified EPA Method 537	13C2-PFTeDA	H	11.7
1800367-06	WI-A06-6-S-05P-0218	Modified EPA Method 537	13C2-PFTeDA	H	31.9
1800367-07	WI-A06-FB01-022318	Modified EPA Method 537	13C2-PFTeDA	H	39.8
1800367-08	WI-A06-EB01-022318	Modified EPA Method 537	13C2-PFTeDA	H	17.5
B8C0006-BLK1	B8C0006-BLK1	Modified EPA Method 537	13C2-PFTeDA	H	13.5
B8C0006-BS1	B8C0006-BS1	Modified EPA Method 537	13C2-PFTeDA	H	34.9

H = Recovery was outside laboratory acceptance criteria.

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# Sample Inventory Report

<b>Vista Sample ID</b>	<b>Client Sample ID</b>	<b>Sampled</b>	<b>Received</b>	<b>Components/Containers</b>
1800367-01	WI-A06-EB01-0218	22-Feb-18 15:50	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800367-02	WI-A06-MW03B-0218	22-Feb-18 15:00	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800367-03	WI-A06-FB01-022218	22-Feb-18 15:00	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800367-04	WI-A06-S-02-0218	23-Feb-18 13:55	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800367-05	WI-A06-6-S-05-0218	23-Feb-18 10:35	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800367-06	WI-A06-6-S-05P-0218	23-Feb-18 10:35	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800367-07	WI-A06-FB01-022318	23-Feb-18 15:00	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1800367-08	WI-A06-EB01-022318	23-Feb-18 15:00	27-Feb-18 09:40	HDPE Bottle, 125 mL HDPE Bottle, 125 mL

## **ANALYTICAL RESULTS**

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

<b>Client Data</b>				<b>Laboratory Data</b>						
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	B8C0006-BLK1	Column:	BEH C18			
Project:	695610.05.FI.FS									

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.895	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFHxA	ND	1.09	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFHpA	ND	0.296	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFHxS	ND	0.474	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFOA	ND	0.326	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFOS	ND	0.404	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFNA	ND	0.405	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFDA	ND	0.745	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
MeFOSAA	ND	0.825	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PfUnA	ND	0.525	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
EtFOSAA	ND	0.685	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFTrDA	ND	0.247	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
PFTeDA	ND	0.378	2.50	4.00		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	99.3	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C2-PFHxA	IS	100	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C4-PFHpA	IS	92.2	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
18O2-PFHxS	IS	95.2	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C2-PFOA	IS	88.5	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C8-PFOS	IS	87.5	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C5-PFNA	IS	105	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C2-PFDA	IS	86.9	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
d3-MeFOSAA	IS	89.0	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C2-PFUnA	IS	72.4	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
d5-EtFOSAA	IS	81.1	50 - 150		B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	1
13C2-PFTeDA	IS	13.5	50 - 150	H	B8C0006	01-Mar-18	0.250 L	13-Mar-18 04:08	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.



LCS/LCSD Results

Modified EPA Method 537

Matrix: Aqueous  
Sample Size: 0.250 L

QC Batch: B8C0006  
Date Extracted: 01-Mar-2018 13:20

Lab Sample: B8C0006-BS1/B8C0006-BSD1  
Date Analyzed: 08-Mar-18 13:41 Column: BEH C18  
08-Mar-18 13:52 Column: BEH C18

Analyte	LCS-%R	LCSD-%R	RPD	Labeled Standard	LCS-%R	LCSD-%R
PFBS	109	111	1.03	IS 13C3-PFBS	88.6	91.4
PFHxA	102	101	1.07	IS 13C2-PFHxA	92.5	94.4
PFHpA	98.4	106	7.12	IS 13C4-PFHpA	88.9	87.6
PFHxS	106	93.6	12.1	IS 18O2-PFHxS	96.9	96.8
PFOA	90.3	92.7	2.55	IS 13C2-PFOA	97.7	91.6
PFOS	94.5	107	12.8	IS 13C8-PFOS	99.5	85.4
PFNA	84.4	81.4	3.65	IS 13C5-PFNA	84.0	87.4
PFDA	117	140	17.7	IS 13C2-PFDA	77.5	66.6
MeFOSAA	104	89.6	14.6	IS d3-MeFOSAA	66.6	64.2
PFUnA	107	106	1.28	IS 13C2-PFUnA	65.1	68.2
EtFOSAA	92.5	113	19.8	IS d5-EtFOSAA	82.9	59.3
PFTTrDA	97.8	119	19.8	IS 13C2-PFTeDA	34.9	53.4
PFTeDA	102	120	16.9			

LCL-UCL - Lower control limit - upper control limit

Sample ID: Method Blank						Modified EPA Method 537					
<b>Client Data</b>					<b>Laboratory Data</b>						
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	B8C0101-BLK1	Column:	BEH C18				
Project:	695610.05.FI.FS										
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFD <sub>o</sub> A	ND	0.792	5.00	8.00		B8C0101	17-Mar-18	0.125 L	17-Mar-18 20:43	1	
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C2-PFD <sub>o</sub> A	IS	78.5	50 - 150		B8C0101	17-Mar-18	0.125 L	17-Mar-18 20:43	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.

LCS/LCSD Results				Modified EPA Method 537			
Matrix: Aqueous	QC Batch: B8C0101			Lab Sample: B8C0101-BS1/B8C0101-BSD1			
Sample Size: 0.125 L	Date Extracted: 17-Mar-2018 10:00			Date Analyzed: 17-Mar-18 20:20 Column: BEH C18 17-Mar-18 20:31 Column: BEH C18			
Analyte	LCS-%R	LCSD-%R	RPD	Labeled Standard		LCS-%R	LCSD-%R
PFD <sub>o</sub> A	107	88.0	19.3	IS	13C2-PFD <sub>o</sub> A	58.0	73.3

LCL-UCL - Lower control limit - upper control limit

**Sample ID: WI-A06-EB01-0218**

**Modified EPA Method 537**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	1800367-01	Column:	BEH C18
Project:	695610.05.FI.FS	Date Collected:	22-Feb-18 15:50	Date Received:	27-Feb-18 09:40		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.82	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFHxA	ND	2.21	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFHpA	ND	0.600	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFHxS	ND	0.962	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFOA	ND	0.661	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFOS	ND	0.819	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFNA	ND	0.822	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFDA	ND	1.51	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
MeFOSAA	ND	1.68	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFOxA	ND	1.07	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
EtFOSAA	ND	1.39	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFDxA	ND	0.823	5.21	8.31		B8C0101	17-Mar-18	0.120 L	17-Mar-18 22:49	1
PFTxDA	ND	0.502	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFTxDA	ND	0.767	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	100	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C2-PFHxA	IS	91.7	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C4-PFHpA	IS	90.1	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
18O2-PFHxS	IS	91.1	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C2-PFOA	IS	89.6	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C8-PFOS	IS	86.2	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C5-PFNA	IS	76.1	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C2-PFDA	IS	72.2	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
d3-MeFOSAA	IS	85.4	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C2-PFOxA	IS	87.6	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
d5-EtFOSAA	IS	80.1	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
13C2-PFDxA	IS	62.0	50 - 150		B8C0101	17-Mar-18	0.120 L	17-Mar-18 22:49	1
13C2-PFTxDA	IS	64.9	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	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: WI-A06-MW03B-0218**

**Modified EPA Method 537**

Client Data					Laboratory Data					
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	1800367-02	Column:	BEH C18			
Project:	695610.05.FI.FS	Date Collected:	22-Feb-18 15:00	Date Received:	27-Feb-18 09:40					

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.88	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFHxA	3.55	2.29	5.25	8.39	J	B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFHpA	ND	0.620	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFHxS	ND	0.993	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFOA	ND	0.683	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFOS	ND	0.846	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFNA	ND	0.849	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFDA	ND	1.56	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
MeFOSAA	ND	1.73	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFOxA	ND	1.10	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
EtFOSAA	ND	1.44	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFOxA	ND	0.822	5.21	8.30		B8C0101	17-Mar-18	0.120 L	17-Mar-18 23:00	1
PFTeDA	ND	0.518	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
PFTeDA	ND	0.792	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	93.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C2-PFHxA	IS	89.4	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C4-PFHpA	IS	91.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
18O2-PFHxS	IS	83.6	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C2-PFOA	IS	82.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C8-PFOS	IS	103	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C5-PFNA	IS	86.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C2-PFDA	IS	88.4	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
d3-MeFOSAA	IS	68.6	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C2-PFOxA	IS	73.4	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
d5-EtFOSAA	IS	64.2	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	1
13C2-PFOxA	IS	69.8	50 - 150		B8C0101	17-Mar-18	0.120 L	17-Mar-18 23:00	1
13C2-PFTeDA	IS	14.6	50 - 150	H	B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	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: WI-A06-FB01-022218**

**Modified EPA Method 537**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	1800367-03	Column:	BEH C18
Project:	695610.05.FI.FS	Date Collected:	22-Feb-18 15:00	Date Received:	27-Feb-18 09:40		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.81	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFHxA	ND	2.20	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFHpA	ND	0.596	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFHxS	ND	0.955	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFOA	ND	0.656	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFOS	ND	0.814	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFNA	ND	0.817	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFDA	ND	1.50	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
MeFOSAA	ND	1.66	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFOxA	ND	1.06	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
EtFOSAA	ND	1.38	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFDxA	ND	0.847	5.34	8.56		B8C0101	17-Mar-18	0.117 L	17-Mar-18 23:12	1
PFTeDA	ND	0.498	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFTeDA	ND	0.761	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	103	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C2-PFHxA	IS	96.6	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C4-PFHpA	IS	97.5	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
18O2-PFHxS	IS	90.8	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C2-PFOA	IS	83.3	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C8-PFOS	IS	85.1	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C5-PFNA	IS	79.9	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C2-PFDA	IS	79.8	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
d3-MeFOSAA	IS	73.4	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C2-PFOxA	IS	67.0	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
d5-EtFOSAA	IS	69.8	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
13C2-PFDxA	IS	69.0	50 - 150		B8C0101	17-Mar-18	0.117 L	17-Mar-18 23:12	1
13C2-PFTeDA	IS	23.3	50 - 150	H	B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	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: WI-A06-S-02-0218**

**Modified EPA Method 537**

Client Data					Laboratory Data					
Name:	CH2M Hill	Matrix:	Aqueous		Lab Sample:	1800367-04	Column:	BEH C18		
Project:	695610.05.FI.FS	Date Collected:	23-Feb-18 13:55		Date Received:	27-Feb-18 09:40				

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	5.03	1.88	5.25	8.41	J	B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFHxA	ND	2.29	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFHpA	ND	0.621	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFHxS	18.0	0.995	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFOA	9.64	0.684	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFOS	ND	0.848	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFNA	ND	0.851	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFDA	ND	1.57	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
MeFOSAA	ND	1.73	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFUnA	ND	1.10	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
EtFOSAA	ND	1.44	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFDoA	ND	0.835	5.25	8.44		B8C0101	17-Mar-18	0.119 L	17-Mar-18 23:23	1
PFTeDA	ND	0.519	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
PFTeDA	ND	0.793	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	102	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C2-PFHxA	IS	97.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C4-PFHpA	IS	93.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
18O2-PFHxS	IS	87.8	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C2-PFOA	IS	82.8	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C8-PFOS	IS	115	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C5-PFNA	IS	76.0	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C2-PFDA	IS	82.3	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
d3-MeFOSAA	IS	98.2	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C2-PFUnA	IS	69.8	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
d5-EtFOSAA	IS	94.5	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	1
13C2-PFDoA	IS	72.9	50 - 150		B8C0101	17-Mar-18	0.119 L	17-Mar-18 23:23	1
13C2-PFTeDA	IS	11.7	50 - 150	H	B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	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: WI-A06-6-S-05-0218**

**Modified EPA Method 537**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	1800367-05	Column:	BEH C18
Project:	695610.05.FI.FS	Date Collected:	23-Feb-18 10:35	Date Received:	27-Feb-18 09:40		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.83	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFHxA	ND	2.23	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFHpA	ND	0.604	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFHxS	4.45	0.967	5.12	8.17	J	B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFOA	ND	0.665	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFOS	ND	0.824	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFNA	ND	0.827	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFDA	ND	1.52	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
MeFOSAA	ND	1.69	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFOxA	ND	1.07	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
EtFOSAA	ND	1.40	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFOxA	ND	0.820	5.17	8.29		B8C0101	17-Mar-18	0.121 L	17-Mar-18 23:35	1
PFTeDA	ND	0.505	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
PFTeDA	ND	0.771	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	89.1	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C2-PFHxA	IS	93.1	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C4-PFHpA	IS	91.9	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
18O2-PFHxS	IS	83.2	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C2-PFOA	IS	96.4	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C8-PFOS	IS	91.1	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C5-PFNA	IS	81.0	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C2-PFDA	IS	77.6	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
d3-MeFOSAA	IS	74.1	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C2-PFOxA	IS	73.4	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
d5-EtFOSAA	IS	72.2	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	1
13C2-PFOxA	IS	59.2	50 - 150		B8C0101	17-Mar-18	0.121 L	17-Mar-18 23:35	1
13C2-PFTeDA	IS	71.5	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	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: WI-A06-6-S-05P-0218**

**Modified EPA Method 537**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	1800367-06	Column:	BEH C18
Project:	695610.05.FI.FS	Date Collected:	23-Feb-18 10:35	Date Received:	27-Feb-18 09:40		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.79	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFHxA	ND	2.17	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFHpA	0.654	0.589	5.00	7.98	J	B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFHxS	3.66	0.945	5.00	7.98	J	B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFOA	ND	0.649	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFOS	ND	0.805	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFNA	ND	0.808	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFDA	ND	1.49	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
MeFOSAA	ND	1.65	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFUnA	ND	1.05	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
EtFOSAA	ND	1.37	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFDoA	ND	0.840	5.30	8.48		B8C0101	17-Mar-18	0.118 L	17-Mar-18 23:46	1
PFTrDA	ND	0.493	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFTeDA	ND	0.753	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	99.9	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C2-PFHxA	IS	93.1	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C4-PFHpA	IS	93.3	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
18O2-PFHxS	IS	101	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C2-PFOA	IS	81.8	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C8-PFOS	IS	89.4	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C5-PFNA	IS	75.1	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C2-PFDA	IS	69.4	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
d3-MeFOSAA	IS	66.2	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C2-PFUnA	IS	59.4	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
d5-EtFOSAA	IS	62.2	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
13C2-PFDoA	IS	67.4	50 - 150		B8C0101	17-Mar-18	0.118 L	17-Mar-18 23:46	1
13C2-PFTeDA	IS	31.9	50 - 150	H	B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	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: WI-A06-FB01-022318**

**Modified EPA Method 537**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	1800367-07	Column:	BEH C18
Project:	695610.05.FI.FS	Date Collected:	23-Feb-18 15:00	Date Received:	27-Feb-18 09:40		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.83	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFHxA	ND	2.23	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFHpA	ND	0.606	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFHxS	ND	0.971	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFOA	ND	0.667	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFOS	1.48	0.827	5.12	8.20	J	B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFNA	ND	0.830	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFDA	ND	1.53	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
MeFOSAA	ND	1.69	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFOxA	ND	1.08	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
EtFOSAA	ND	1.40	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFDxA	ND	0.842	5.30	8.51		B8C0101	17-Mar-18	0.118 L	17-Mar-18 23:58	1
PFTeDA	ND	0.506	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
PFTeDA	ND	0.774	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	105	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C2-PFHxA	IS	92.5	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C4-PFHpA	IS	103	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
18O2-PFHxS	IS	89.4	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C2-PFOA	IS	75.3	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C8-PFOS	IS	84.9	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C5-PFNA	IS	70.4	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C2-PFDA	IS	65.8	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
d3-MeFOSAA	IS	63.6	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C2-PFOxA	IS	55.2	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
d5-EtFOSAA	IS	66.7	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	1
13C2-PFDxA	IS	84.2	50 - 150		B8C0101	17-Mar-18	0.118 L	17-Mar-18 23:58	1
13C2-PFTeDA	IS	39.8	50 - 150	H	B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	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: WI-A06-EB01-022318**

**Modified EPA Method 537**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	1800367-08	Column:	BEH C18
Project:	695610.05.FI.FS	Date Collected:	23-Feb-18 15:00	Date Received:	27-Feb-18 09:40		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.81	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFHxA	ND	2.20	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFHpA	ND	0.597	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFHxS	ND	0.956	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFOA	ND	0.657	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFOS	ND	0.815	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFNA	ND	0.818	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFDA	ND	1.50	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
MeFOSAA	ND	1.67	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFOxA	ND	1.06	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
EtFOSAA	ND	1.38	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFDxA	ND	0.818	5.17	8.26		B8C0101	17-Mar-18	0.121 L	18-Mar-18 00:09	1
PFTxDA	ND	0.499	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFTxDA	ND	0.762	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	97.1	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C2-PFHxA	IS	94.8	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C4-PFHpA	IS	93.6	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
18O2-PFHxS	IS	106	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C2-PFOA	IS	87.0	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C8-PFOS	IS	89.9	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C5-PFNA	IS	79.2	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C2-PFDA	IS	73.0	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
d3-MeFOSAA	IS	58.1	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C2-PFOxA	IS	54.4	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
d5-EtFOSAA	IS	60.4	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
13C2-PFDxA	IS	67.3	50 - 150		B8C0101	17-Mar-18	0.121 L	18-Mar-18 00:09	1
13C2-PFTxDA	IS	17.5	50 - 150	H	B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	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.

## **DATA QUALIFIERS & ABBREVIATIONS**

<b>B</b>	<b>This compound was also detected in the method blank.</b>
<b>D</b>	<b>Dilution</b>
<b>E</b>	<b>The associated compound concentration exceeded the calibration range of the instrument.</b>
<b>H</b>	<b>Recovery and/or RPD was outside laboratory acceptance limits.</b>
<b>I</b>	<b>Chemical Interference</b>
<b>J</b>	<b>The amount detected is below the Reporting Limit/LOQ.</b>
<b>M</b>	<b>Estimated Maximum Possible Concentration. (CA Region 2 projects only)</b>
<b>*</b>	<b>See Cover Letter</b>
<b>Conc.</b>	<b>Concentration</b>
<b>NA</b>	<b>Not applicable</b>
<b>ND</b>	<b>Not Detected</b>
<b>TEQ</b>	<b>Toxic Equivalency</b>
<b>U</b>	<b>Not Detected (specific projects only)</b>

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

## CERTIFICATIONS

<b>Accrediting Authority</b>	<b>Certificate Number</b>
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.*



Submit by Email\*

FOR LABORATORY USE ONLY

Laboratory Project ID: 1800367

Temp: 3.2 °C

Storage ID: WR-2

Storage Secured: Yes  No

# CHAIN OF CUSTODY RECORD

Project I.D.: 195610.05.FI.ES P.O. #: CTO-4041 Sampler: E Cutter

TAT: (Check One)  
Standard  21 days  
Rush (surcharge may apply)  
 14 days  7 days Specify:

Invoice to: Name: Rebecca Maco Company: CH2M Address: 1100 112th Ave Ste 500 City: Bellevue State: WA Zip: 98004 Ph#: (425) 698-9794 Fax #:

Relinquished by: (Printed Name and Signature): Eric Cutter Date: 2-26-18 Time: 1200 Received by: (Signature and Printed Name): B. Benedict Date: 02/27/18 Time: 1245 Via email

Relinquished by: (Printed Name and Signature): Date: Time: Received by: (Signature and Printed Name): Date: Time:

See "Sample Log-in Checklist" for additional sample information

SHIP TO: Vista Analytical Laboratory 1104 Windfield Way El Dorado Hills, CA 95762 (916) 673-1520 • Fax (916) 673-0106				Method of Shipment: <u>Fed Ex</u>		Add Analysis(es) Requested Mod. EPA 537 EPA 8230 EPA 8230B EPA 8230C EPA 8230D EPA 8230E EPA 8230F EPA 8230G EPA 8230H EPA 8230I EPA 8230J EPA 8230K EPA 8230L EPA 8230M EPA 8230N EPA 8230O EPA 8230P EPA 8230Q EPA 8230R EPA 8230S EPA 8230T EPA 8230U EPA 8230V EPA 8230W EPA 8230X EPA 8230Y EPA 8230Z																												
ATTN:				Tracking No.:		Container(s)																												
Sample ID	Date	Time	Location/Sample Description	Quantity	Type	Matrix	537 List 14	8230A	8230B	8230C	8230D	8230E	8230F	8230G	8230H	8230I	8230J	8230K	8230L	8230M	8230N	8230O	8230P	8230Q	8230R	8230S	8230T	8230U	8230V	8230W	8230X	8230Y	8230Z	
* WI-A66-EP1-17218	2-22-18	1550		2	P	AQ	2																											
WI-A06-MMW08-D218	2-22-18	1500		2	P	AQ	2																											
WI-A06-EP1-02218	2-22-18	1500		2	P	AR	2																											
WI-A06-6-6-5-02-0218	2-23-18	1355		2	P	AQ	2																											
WI-A06-6-5-05-0218	2-23-18	1035		2	P	AQ	2																											
WI-A06-6-5-07-0218	2-23-18	1035		2	P	AQ	2																											
WI-A06-F801-02218	2-23-18	1500		2	P	AQ	2																											
WI-A06-EP1-02218	2-23-18	1500		2	P	AQ	2																											

Special Instructions/Comments:

\* used label id 2/27/18 43213

SEND DOCUMENTATION AND RESULTS TO:

Name: Tiffany Hill  
Company: CH2M  
Address: 1100 NE Circle Blvd Ste 300  
City: Corvallis State: OR Zip: 97330  
Phone: (541) 762-3109 Fax:  
Email: Tiffany.Hill@ch2m.com

Container Types: A = 1 Liter Amber G = Glass Jar P = PUF, T = MM5 Train, O = Other

\*Bottle Preservative Type:  T = Thiosulfate,  O = Other

Matrix Types: DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum O = Other

**Sample Log-in Checklist**

 Vista Work Order #: 1800367 TAT 10

<b>Samples Arrival:</b>	<b>Date/Time</b> 02/27/18 0940	<b>Initials:</b> WMS	<b>Location:</b> WR-2 <b>Shelf/Rack:</b> N/3
<b>Logged In:</b>	<b>Date/Time</b> 02/27/18 1029	<b>Initials:</b> JAB	<b>Location:</b> WR:2 <b>Shelf/Rack:</b> E2
<b>Delivered By:</b>	<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
<b>Preservation:</b>	<input checked="" type="checkbox"/> Ice	<input type="checkbox"/> Blue Ice	<input type="checkbox"/> Dry Ice
	<input type="checkbox"/> None		
<b>Temp °C:</b> 3.3 (uncorrected)	<b>Time:</b> 0945	<b>Thermometer ID:</b> IR-4	
<b>Temp °C:</b> 3.2 (corrected)	<b>Probe used:</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		

	YES	NO	NA
Adequate Sample Volume Received?	✓		
Holding Time Acceptable?			
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?	✓		
Shipping Documentation Present?	✓		
Airbill	Trk # 8037 3416 1448	✓	
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Chain of Custody / Sample Documentation Present?		✓	
COC Anomaly/Sample Acceptance Form completed?	✓		
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			
Preservation Documented:	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Trizma	None
	Yes	No	NA
Shipping Container	Vista	Client	Retain
	Return	Dispose	

Comments: Sample label ID collection date/time  
 WI-A06-EB01-022318 2/23/18 1500  
     MW03B-0218 2/22/18 1500  
     EB01-022218 1550  
     U-5-05P-0218 2/23/18 1035  
     FB01-022218 1500  
 ("B" bottle) WI-A06-5-05-0218 2/23/18 1035  
     U-5-02-0218 1355  
 ID.: LR-SLC Rev No.: 0 Rev Date: 05/18/2017 Page: 1 of 1  
 ("A" bottle) WI-A06-6-5-05-0218 FB01-022318 1500  
     2/23/18 1035

# Chain of Custody Anomaly/Sample Acceptance Form



CH2M Hill  
 Tiffany Hill  
 tiffany.hill@ch2m.com  
 (541) 768-3109

Workorder Number: 1800367  
 Date Received: 27-Feb-18 09:40  
 Documented by/date: B.Benedict 02/27/2018

Please review the following information and complete the Client Authorization section. To comply with NELAC regulations, we must receive authorization before proceeding with sample analysis.

Thank you,

Martha Maier  
 mmaier@vista-analytical.com  
 916-673-1520

Sample IDs on Chain of Custody do not match Sample Container Labels

Chain of Custody ID	Container Label ID
WI-A06-EB01-02218	WI-A06-EB01-022218 *
WI-A06-6-5-05-0218	WI-A06-6-5-05-0218 & WI-A06-5-05-0218 **

\*used id from label (COC received via email)

\*\* used the A bottle with correct id; B bottle back up container

**Client Authorization**

Proceed with Analysis:  YES  NO

Signature and Date

*Ane E Whit 2/28/18*

Client Comments/Instructions

*Use ID from COC for EB + WI-A06-6-S-05-0218  
 And WI-A06-6-S-05P-0218. See email from Tiffany 2/28/18*



# Chain of Custody Anomaly/Sample Acceptance Form



Client: CH2M Hill  
 Contact: Tiffany Hill  
 Email: tiffany.hill@ch2m.com  
 Phone: (541) 768-3109

Workorder Number: 1800367  
 Date Received: 27-Feb-18 09:40  
 Documented by/date: B.Benedict 02/27/2018

Please review the following information and complete the Client Authorization section. To comply with NELAC regulations, we must receive authorization before proceeding with sample analysis.

Thank you,

Martha Maier  
 mmaier@vista-analytical.com  
 916-673-1520

**The following information or item is needed to proceed with analysis:**

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Complete Chain-of-Custody | <input type="checkbox"/> Preservative                       | <input type="checkbox"/> Collector's Name |
| <input type="checkbox"/> Test Method Requested                | <input type="checkbox"/> Sample Identification              | <input type="checkbox"/> Sample Type      |
| <input type="checkbox"/> Analyte List Requested               | <input type="checkbox"/> Sample Collection Date and/or Time | <input type="checkbox"/> Sample Location  |
| <input type="checkbox"/> Other:                               |   |   |

**The following anomalies were noted. Authorization is needed to proceed with analysis.**

- |  |   |     |           |
|--|---|-----|-----------|
| <input type="checkbox"/> Temperature outside < 6°C Range | Samples Affected: _____                             |     |           |
| Temperature _____ °C                                     | Ice Present?  | Yes | No Melted |
| <input type="checkbox"/> Sample ID Discrepancy           | <input type="checkbox"/> Insufficient Sample Size   |     |           |
| <input type="checkbox"/> Sample Holding Time Missed      | <input type="checkbox"/> Sample Container(s) Broken |     |           |
| <input type="checkbox"/> Custody Seals Broken            | <input type="checkbox"/> Incorrect Container Type   |     |           |

**Comments:**

**Client Authorization**

Proceed with Analysis:  YES  NO

Signature and Date Amie E. Wilk 2/27/18

Client Comments/Instructions Tiffany Hill emailed over CoC

## **EXTRACTION INFORMATION**

Process Sheet  
 Workorder: **1800367**



Prep Expiration: 2018-Mar-08  
 Client: CH2M Hill

Workorder Due: 06-Mar-18 00:00

TAT: 7

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

Prep Batch: B8C0006

Prep Data Entered: DF 3.2.18 FR  
Date and Initials

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

Initial Sequence: S8C0017

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
1800367-01	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WI-A06-EB01-022218		WR-2 E-1	HDPE Bottle, 125 mL
1800367-02		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WI-A06-MW03B-0218		WR-2 E-1	HDPE Bottle, 125 mL
1800367-03		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WI-A06-FB01-022218		WR-2 E-1	HDPE Bottle, 125 mL
1800367-04		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WI-A06-6-5-02-0218		WR-2 E-1	HDPE Bottle, 125 mL
1800367-05		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WI-A06-6-5-05-0218		WR-2 E-1	HDPE Bottle, 125 mL
1800367-06		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WI-A06-6-5-05P-0218		WR-2 E-1	HDPE Bottle, 125 mL
1800367-07		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WI-A06-FB01-022318		WR-2 E-1	HDPE Bottle, 125 mL
1800367-08		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WI-A06-EB01-022318		WR-2 E-1	HDPE Bottle, 125 mL

Pre-Prep Check Out: DF 3/1/18  
 Pre-Prep Check In: NA

Prep Check Out: NA  
 Prep Check In: NA

Prep Reconciled Inits/Date: DF 3/1/18  
 Spike Reconciled Inits/Date: FR 3.1.18  
 VialBoxID: Mordor

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
1800367-01	0.12311 -	NA	NA	1000	01-Mar-18 13:20	HAC			Aqueous	537M PFAS DOD (LOQ as
1800367-02	0.11921 -			1000	01-Mar-18 13:20	HAC			Aqueous	537M PFAS DOD (LOQ as
1800367-03	0.12396 -			1000	01-Mar-18 13:20	HAC			Aqueous	537M PFAS DOD (LOQ as
1800367-04	0.11895 -			1000	01-Mar-18 13:20	HAC			Aqueous	537M PFAS DOD (LOQ as
1800367-05	0.12239 -			1000	01-Mar-18 13:20	HAC			Aqueous	537M PFAS DOD (LOQ as
1800367-06	0.12532 -			1000	01-Mar-18 13:20	HAC			Aqueous	537M PFAS DOD (LOQ as
1800367-07	0.12195 -			1000	01-Mar-18 13:20	HAC			Aqueous	537M PFAS DOD (LOQ as
1800367-08	0.12383 -			1000	01-Mar-18 13:20	HAC			Aqueous	537M PFAS DOD (LOQ as
1800369-01	0.25761 -			1000	01-Mar-18 13:20	HAC			Aqueous	537M Linear All/Branched/
1800369-02	0.24942 -			1000	01-Mar-18 13:20	HAC			Aqueous	537M Linear All/Branched/
1800369-03	0.2611 -			1000	01-Mar-18 13:20	HAC			Aqueous	537M Linear All/Branched/
1800370-01	0.27194 -			1000	01-Mar-18 13:20	HAC			Drinking Water	537M PFAS
1800370-02	0.27055 -			1000	01-Mar-18 13:20	HAC			Drinking Water	537M PFAS
1800370-03	0.25444 -			1000	01-Mar-18 13:20	HAC			Drinking Water	537M PFAS
1800370-04	0.23963 -			1000	01-Mar-18 13:20	HAC			Aqueous	537M PFAS
1800370-05	0.27209 -			1000	01-Mar-18 13:20	HAC			Drinking Water	537M PFAS
1800370-06	0.255 -			1000	01-Mar-18 13:20	HAC			Drinking Water	537M PFAS
1800370-07	0.27331 -			1000	01-Mar-18 13:20	HAC			Drinking Water	537M PFAS
1800370-08	0.27258 -			1000	01-Mar-18 13:20	HAC			Drinking Water	537M PFAS
1800370-09	0.25932 -			1000	01-Mar-18 13:20	HAC			Drinking Water	537M PFAS
B8C0006-BLK1	0.25 -			1000	01-Mar-18 13:20	HAC				QC
B8C0006-BS1	0.25 -			1000	01-Mar-18 13:20	HAC	18B2204 -	10 -		QC
B8C0006-BSD1	0.25 -			1000	01-Mar-18 13:20	HAC	18B2204 -	10 -		QC

7R 3-2-18

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M Linear All/Branched/Total PFHxS/PFOA/

Method: 537M PFAS

Method: 537M PFAS DOD (LOQ as mL)

B8C0006

Chemist: HC

Prep Date/Time: 01-Mar-18 10:12

1320  
HC

Prepared using: LCMS - SPE Extraction-LCMS

Date/Initials: DF 3/1/18 BalanceID: #RMS-8

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"/>	B8C0006-BLK1	5	2	0	3	NA	NA	(0.250)	HC DF 3-1-18	FR 3-1-18	LC HC 3/1/18
<input type="checkbox"/>	B8C0006-BS1	5	2	0	3	+	-	(0.250)			
<input type="checkbox"/>	B8C0006-BSD1	5	2	0	3	+	-	(0.250)			
<input type="checkbox"/>	1800367-01	5	2	0	2	149.94	26.83	0.12311			
<input type="checkbox"/>	1800367-02	6	2	0	3	146.11	26.90	0.11921			
<input type="checkbox"/>	1800367-03	5	2	0	2	150.86	26.90	0.12396			
<input type="checkbox"/>	1800367-04	5	2	0	2	146.10	27.15	0.11895			
<input type="checkbox"/>	1800367-05	6	2	0	3	149.45	27.06	0.12239			
<input type="checkbox"/>	1800367-06	6	2	0	2	152.28	26.96	0.12532			
<input type="checkbox"/>	1800367-07	5	2	0	2	148.88	26.93	0.12195			
<input type="checkbox"/>	1800367-08	5	2	0	2	150.58	26.75	0.12383			
<input type="checkbox"/>	1800369-01	6	2	0	5	295.14	37.53	0.25761			
<input checked="" type="checkbox"/>	1800369-02	6	2	0	3	<del>289.93</del>	37.70	0.24942			
<input type="checkbox"/>	1800369-03	6	2	0	5	298.65	37.55	0.26110			
<input type="checkbox"/>	1800370-01	7	2	0	7	299.99	28.05	0.27194			
<input type="checkbox"/>	1800370-02	6	2	0	9	299.82	29.27	0.27055			

IS: <u>18B2203, 10µL (V7)</u>	SPE Chem: <u>SMATA X-AW 33µm 200µg Gal</u>	Notes: <u>(A) 287.12g HC 3-1-18</u>
IS SUP: <u>NA</u>	Ele SOLV: <u>0.5% NH<sub>4</sub>OH in MeOH/meth</u>	
NS: <u>18B2204, 10µL (V5)</u>	Final Volume(s) <u>1 mL</u>	
RS: <u>18B2206, 10µL (V7)</u>		

Comments: Assume 1 g = 1 mL

Cen = Centrifuged

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M Linear All/Branched/Total PFHxS/PFOA/

Method: 537M PFAS

Method: 537M PFAS DOD (LOQ as mRL)

Prepared using: LCMS - SPE Extraction-LCMS

B8C0006

Chemist: HC  
 Prep Date/Time: 01-Mar-18 10:12  
 1320

		Date/Initials: <u>DF 3/1/18</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"/>	1800370-03	6	2	0	5	282.24	27.80	0.25444	<u>HC DF 3-1-18</u>	<u>FR 3-1-18</u>	<u>VC HC 3/1/18</u>	
<input type="checkbox"/>	1800370-04	5	2	0	3	267.39	27.76	0.23963	T	T	T	
<input type="checkbox"/>	1800370-05	6	2	0	7	299.93	27.34	0.27209	T	T	T	
<input type="checkbox"/>	1800370-06	6	2	0	3	281.80	26.80	0.25500	T	T	T	
<input type="checkbox"/>	1800370-07	6	2	0	5	300.81	27.50	0.27331	T	T	T	
<input type="checkbox"/>	1800370-08	7	2	0	5	300.19	27.61	0.27258	T	T	T	
<input type="checkbox"/>	1800370-09	6	2	0	5	286.88	27.56	0.25932	T	T	T	
<input type="checkbox"/>	1800376-03											

HC 3-1-18

IS: <u>18B2203, 10µL (V7)</u>	SPE Chem: <u>Strata K-Aw 33µm 200mg Carl</u>	Notes:
IS SUP: <u>NA</u>	Ele SOLV: <u>0.5% NH<sub>4</sub>OH in MeOH/MeOH</u>	
NS: <u>18B2204, 10µL (V5)</u>	Final Volume(s) <u>1 mL</u>	
RS: <u>18B2206, 10µL (V7)</u>		

Comments: Assume 1 g = 1 mL  
 Cen = Centrifuged

Process Sheet  
 Workorder: **1800367**

fy

Prep Expiration: 2018-Mar-08  
 Client: CH2M Hill

Workorder Due: **06-Mar-18 00:00**  
 TAT: 7

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

Prep Batch: B8C0101

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

Prep Data Entered: 3/19/18 AR  
Date and Initials

Initial Sequence: \_\_\_\_\_

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
1800367-01	B	<input type="checkbox"/>	<input type="checkbox"/>	WI-A06-EB01-0218	"WI-A06-EB01-022218" ✓	WR-2 E-2	HDPE Bottle, 125 mL
1800367-02	↓	<input type="checkbox"/>	<input checked="" type="checkbox"/>	WI-A06-MW03B-0218	AR 3/16/18	WR-2 E-2	HDPE Bottle, 125 mL
1800367-03		<input type="checkbox"/>	<input checked="" type="checkbox"/>	WI-A06-FB01-022218		WR-2 E-2	HDPE Bottle, 125 mL
1800367-04		<input type="checkbox"/>	<input checked="" type="checkbox"/>	WI-A06-S-02-0218	<del>WI-A06-6-S-02-0208</del> KC 3/17/18	WR-2 E-2	HDPE Bottle, 125 mL
1800367-05		<input type="checkbox"/>	<input checked="" type="checkbox"/>	WI-A06-6-S-05-0218	"WI-A06-S-05-0218"	WR-2 E-2	HDPE Bottle, 125 mL
1800367-06		<input type="checkbox"/>	<input checked="" type="checkbox"/>	WI-A06-6-S-05P-0218		WR-2 E-2	HDPE Bottle, 125 mL
1800367-07		<input type="checkbox"/>	<input checked="" type="checkbox"/>	WI-A06-FB01-022318		WR-2 E-2	HDPE Bottle, 125 mL
1800367-08		<input type="checkbox"/>	<input checked="" type="checkbox"/>	WI-A06-EB01-022318		WR-2 E-2	HDPE Bottle, 125 mL

Pre-Prep Check Out: AR 3/16/18  
 Pre-Prep Check In: MN 3/16/18

Prep Check Out: KC 3/17/18  
 Prep Check In: NA

Prep Reconciled Initials/Date: AR 3/16/18  
 Spike Reconciled Initials/Date: KC 3/17/18  
 VialBoxID: Pony

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
1800361-01RE1	0.11664 ↓	NA	NA	1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800361-02RE1	0.11906 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800361-03RE1	0.12301 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800361-04RE1	0.11893 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800361-05RE1	0.11999 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800361-06RE1	0.11592 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800361-07RE1	0.10975 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800361-08RE1	0.12051 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800361-09RE1	0.1184 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800361-10RE1	0.11811 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800367-01RE1	0.12029 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800367-02RE1	0.12044 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800367-03RE1	0.11685 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800367-04RE1	0.11853 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800367-05RE1	0.12067 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800367-06RE1	0.11789 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800367-07RE1	0.11757 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
1800367-08RE1	0.12101 ↓			1000	17-Mar-18 10:00	KC			Aqueous	537M PFAS DOD (LOQ as
B8C0101-BLK1	0.125 ↓			1000	17-Mar-18 10:00	KC				QC
B8C0101-BS1	0.125 ↓			1000	17-Mar-18 10:00	KC	18C1302 ↓	10 ↓		QC
B8C0101-BSD1	0.125 ↓	↓	↓	1000	17-Mar-18 10:00	KC	18C1302 ↓	10 ↓		QC

AR 3/19/18



PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M PFAS DOD (LOQ as mRL)

B8C0101

Chemist: KC  
 Prep Date/Time: 16-Mar-18 16:32  
17  
KC 3/17/18 10:00

Prepared using: LCMS - SPE Extraction-LCMS

		Date/Initials: <u>HN 3/16/18</u>				Balance ID: <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"/>	B8C0101-BLK1	5	2	0	<u>HN 3/16/18</u> 2 1	<u>N/A</u>	<u>N/A</u>	(0.125)	<u>KC 3/17/18</u>	<u>KC 3/17/18</u>	<u>KC 3/17/18</u>
<input type="checkbox"/>	B8C0101-BS1	5	2	0	<u>HN 3/16/18</u> 2 1	<u>↓</u>	<u>↓</u>	(0.125)	<u>↓</u>	<u>↓</u>	<u>↓</u>
<input type="checkbox"/>	B8C0101-BSD1	5	2	6	<u>HN 3/16/18</u> 2 1	<u>↓</u>	<u>↓</u>	(0.125)	<u>↓</u>	<u>↓</u>	<u>↓</u>
<input type="checkbox"/>	1800361-01RE1	5	2	0	1	143.63	26.99	0.11664	<u>↓</u>	<u>↓</u>	<u>↓</u>
<input type="checkbox"/>	1800361-02RE1	6	2	0	2	146.01	26.95	0.11906	<u>↓</u>	<u>↓</u>	<u>↓</u>
<input type="checkbox"/>	1800361-03RE1	5	2	0	1	150.01	27.00	0.12301	<u>↓</u>	<u>↓</u>	<u>↓</u>
<input checked="" type="checkbox"/>	1800361-04RE1	7	2	0	5	145.64	26.71	0.11893	<u>↓</u>	<u>↓</u>	<u>↓</u>
<input type="checkbox"/>	1800361-05RE1	5	2	0	1	146.96	26.97	0.11999	<u>↓</u>	<u>↓</u>	<u>↓</u>
<input type="checkbox"/>	1800361-06RE1	6	2	0	2	142.56	26.64	0.11592	<u>↓</u>	<u>↓</u>	<u>↓</u>
<input checked="" type="checkbox"/>	1800361-07RE1 <u>(B)(6)</u>	7	2	0	3	<u>KC 3/17/18</u> <u>137.88/136.40</u>	26.65	0.10975	<u>↓</u>	<u>↓</u>	<u>↓</u>
<input type="checkbox"/>	1800361-08RE1	5	2	0	1	147.14	26.63	0.12051	<u>↓</u>	<u>↓</u>	<u>↓</u>
<input type="checkbox"/>	1800361-09RE1	6	2	0	2	145.11	26.71	0.11840	<u>↓</u>	<u>↓</u>	<u>↓</u>
<input type="checkbox"/>	1800361-10RE1	5	2	0	1	144.90	26.79	0.11811	<u>↓</u>	<u>↓</u>	<u>↓</u>
<input type="checkbox"/>	1800367-01RE1	5	2	0	2	147.18	26.89	0.12029	<u>↓</u>	<u>↓</u>	<u>↓</u>
<input type="checkbox"/>	1800367-02RE1	6	2	0	3	147.28	26.84	0.12044	<u>↓</u>	<u>↓</u>	<u>↓</u>
<input type="checkbox"/>	1800367-03RE1	5	2	0	1	143.65	26.80	0.11685	<u>↓</u>	<u>↓</u>	<u>↓</u>

IS: <u>18B2203, 10µL (V6)</u>	SPE Chem: <u>Strata-X-AW 33µm 200µg</u>	Notes: <u>(A) Sample had a yellow tint HN 3/16/18</u> <u>(B) Centrifuged twice 3/16/18 HN</u> <u>(C) Centrifuged 3<sup>rd</sup> time. KC 3/17/18</u>
IS SUP: <u>NA</u>	Ele SOLV: <u>MeOH/.5% NH4OH in MeOH</u>	
NS: <u>18C1302, 10µL (V5)</u>	Final Volume(s) <u>1ml</u>	
RS: <u>18B2206, 10µL (V6)</u>		

Comments: Assume 1 g = 1 mL  
 Cen = Centrifuged

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M PFAS DOD (LOQ as mRL)

B8C0101

Chemist: KC

Prep Date/Time: 01-Mar-18 13:20

17 10:00  
KC 3/17/18

Prepared using: LCMS - SPE Extraction-LCMS

		Date/Initials: <u>H/V 3/16/18</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"/>	1800367-04RE1	6	2	0	2	145.53	27.00	0.11853	<u>KC VAF 3/17/18</u>	<u>KC 3/17/18</u>	<u>KC KBF 3/17/18</u>
<input checked="" type="checkbox"/>	1800367-05RE1	7	2	0	2	147.64	26.97	0.12067	↓	↓	↓
<input type="checkbox"/>	1800367-06RE1	6	2	0	2	144.72	26.83	0.11789	↓	↓	↓
<input type="checkbox"/>	1800367-07RE1	5	2	0	1	144.41	26.84	0.11757	↓	↓	↓
<input type="checkbox"/>	1800367-08RE1	5	2	0	1	147.88	26.87	0.12101	↓	↓	↓

IS: <u>18B2203, 10 μL (V6)</u> IS SUP: <u>NA</u> NS: <u>18C1302, 10 μL (V5)</u> RS: <u>18B2206, 10 μL (V6)</u>	SPE Chem: <u>Strata-XAW 33 μm 200 mg on L</u> Ele SOLV: <u>MeOH, 5% NH<sub>4</sub>OH in MeOH</u> Final Volume(s): <u>1 mL</u>	Notes: <u>NA AR 3/19/18</u>
---	---	-----------------------------

Comments: Assume 1 g = 1 mL

Cen = Centrifuged

**SAMPLE DATA – MODIFIED EPA METHOD 537**

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-35.qld

Last Altered: Thursday, March 15, 2018 17:36:55 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:37:27 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_35, Date: 13-Mar-2018, Time: 04:08:22, ID: B8C0006-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		1.33e3	0.250		2.98				
2	5 PFHxA	313.2 > 268.9		3.80e3	0.250		3.48				
3	7 PFHpA	363.0 > 318.9		8.65e3	0.250		4.10				
4	8 L-PFHxS	398.9 > 79.6		9.88e2	0.250		4.24				
5	11 L-PFOA	413 > 368.7	1.57e2	1.19e4	0.250		4.30	4.23	0.164	0.2485	
6	14 PFNA	463.0 > 418.8		1.10e4	0.250		5.04				
7	16 L-PFOS	499 > 79.9		2.36e3	0.250		4.84				
8	18 PFDA	513 > 468.8		8.07e3	0.250		5.40				
9	21 N-MeFOSAA	570.1 > 419		3.21e3	0.250		5.55				
10	22 N-EtFOSAA	584.2 > 419		3.11e3	0.250		5.70				
11	23 PFUdA	563.0 > 518.9		6.27e3	0.250		5.72				

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-35.qld

Last Altered: Thursday, March 15, 2018 17:36:55 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:37:37 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_35, Date: 13-Mar-2018, Time: 04:08:22, ID: B8C0006-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	27	PFTrDA	662.9 > 618.9	4.45e3	0.250		6.22					
2	28	PFTeDA	712.9 > 668.8	5.32e2	0.250		6.41					
3	36	13C3-PFBS	302. > 98.8	1.33e3	1.29e4	0.250	0.103	2.98	2.61	1.28	49.6257	99.3
4	37	13C2-PFHxA	315 > 269.8	3.80e3	1.29e4	0.250	0.733	3.48	3.10	3.67	20.0528	100.3
5	38	13C4-PFHpA	367.2 > 321.8	8.65e3	1.29e4	0.250	0.726	4.10	3.71	8.37	46.1216	92.2
6	39	18O2-PFHxS	403.0 > 102.6	9.88e2	2.58e3	0.250	0.402	4.24	3.86	4.79	47.6186	95.2
7	40	13C2-6:2 FTS	429.1 > 408.9	2.90e3	1.27e4	0.250	0.259	4.56	4.17	2.84	43.9651	87.9
8	41	13C2-PFOA	414.9 > 369.7	1.19e4	1.27e4	0.250	1.057	4.61	4.23	11.7	44.2494	88.5
9	42	13C5-PFNA	468.2 > 422.9	1.10e4	1.12e4	0.250	0.933	5.04	4.67	12.3	52.7145	105.4
10	43	13C8-PFOSA	506.1 > 77.7	2.03e2	8.17e3	0.250	0.180	5.09	4.73	0.311	6.9141	13.8
11	44	13C8-PFOS	507.0 > 79.9	2.36e3	2.63e3	0.250	1.028	5.11	4.75	11.2	43.7444	87.5
12	45	13C2-PFDA	515.1 > 469.9	8.07e3	8.48e3	0.250	1.096	5.40	5.04	11.9	43.4655	86.9
13	46	13C2-8:2 FTS	529.1 > 508.7	1.63e3	1.29e4	0.250	0.201	5.38	5.01	1.58	31.4055	62.8
14	47	d3-N-MeFOSAA	573.3 > 419	3.21e3	8.17e3	0.250	0.442	5.55	5.19	4.92	44.4760	89.0
15	48	d5-N-EtFOSAA	589.3 > 419	3.11e3	8.17e3	0.250	0.469	5.70	5.35	4.75	40.5348	81.1
16	49	13C2-PFUdA	565 > 519.8	6.27e3	8.17e3	0.250	1.060	5.72	5.36	9.59	36.2174	72.4
17	50	13C2-PFDoA	615.0 > 569.7	4.45e3	8.17e3	0.250	0.847	5.99	5.65	6.81	32.1277	64.3
18	51	d3-N-MeFOSA	515.2 > 168.9		8.17e3	0.250	0.104	5.93				
19	52	13C2-PFTeDA	714.8 > 669.6	5.32e2	8.17e3	0.250	0.481	6.41	6.12	0.814	6.7643	13.5
20	53	d5-N-ETFOSA	531.1 > 168.9		8.17e3	0.250	0.147	6.25				
21	54	13C2-PFHxDA	815 > 769.7	9.90e1	8.17e3	0.250	1.039	6.69	6.47	0.152	0.5836	2.9
22	55	d7-N-MeFOSE	623.1 > 58.9		8.17e3	0.250	0.110	6.31				
23	56	d9-N-EtFOSE	639.2 > 58.8		8.17e3	0.250	0.108	6.45				
24	57	13C4-PFBA	217. > 171.8	9.01e3	9.01e3	0.250	1.000	1.73	1.36	12.5	50.0000	100.0
25	58	13C5-PFHxA	318 > 272.9	1.29e4	1.29e4	0.250	1.000	3.48	3.10	12.5	50.0000	100.0
26	59	13C3-PFHxS	401.9 > 79.9	2.58e3	2.58e3	0.250	1.000	4.24	3.86	12.5	50.0000	100.0
27	60	13C8-PFOA	421.3 > 376	1.27e4	1.27e4	0.250	1.000	4.61	4.23	12.5	50.0000	100.0
28	61	13C9-PFNA	472.2 > 426.9	1.12e4	1.12e4	0.250	1.000	4.70	4.67	12.5	50.0000	100.0
29	62	13C4-PFOS	503 > 79.9	2.63e3	2.63e3	0.250	1.000	5.11	4.75	12.5	50.0000	100.0
30	63	13C6-PFDA	519.1 > 473.7	8.48e3	8.48e3	0.250	1.000	5.40	5.04	12.5	50.0000	100.0
31	64	13C7-PFUdA	570.1 > 524.8	8.17e3	8.17e3	0.250	1.000	5.72	5.36	12.5	50.0000	100.0
32	65	Total PFHxS	398.9 > 79.6	0.00e0	9.88e2	0.250		4.24		0.000		

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-35.qld

Last Altered: Thursday, March 15, 2018 17:36:55 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:37:37 Pacific Daylight Time

Name: 180312M1\_35, Date: 13-Mar-2018, Time: 04:08:22, ID: B8C0006-BLK1 Method Blank 0.25, Description: Method Blank

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
33	66 Total PFOA	413 > 368.7	1.57e2	1.19e4	0.250		4.25		0.164	0.2485	
34	67 Total PFOS	499 > 79.9	0.00e0	2.36e3	0.250		4.84		0.000		
35	68 Total N-MeFOSAA	570.1 > 419	0.00e0	3.21e3	0.250		5.55		0.000		
36	69 Total N-EtFOSAA	584.2 > 419	0.00e0	3.11e3	0.250		5.70		0.000		

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-35.qld

Last Altered: Thursday, March 15, 2018 17:36:55 Pacific Daylight Time

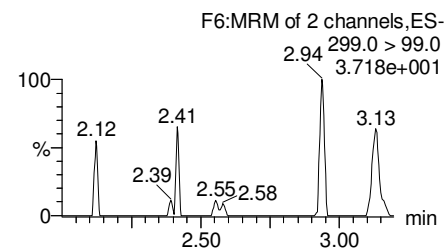
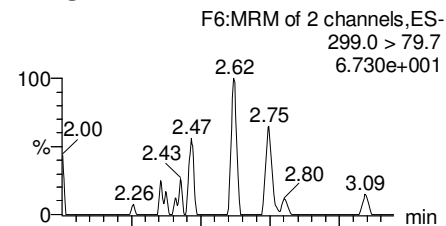
Printed: Thursday, March 15, 2018 17:37:37 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

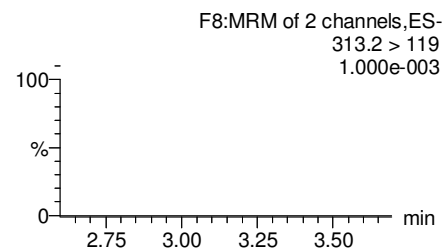
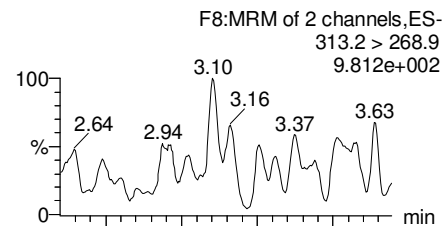
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_35, Date: 13-Mar-2018, Time: 04:08:22, ID: B8C0006-BLK1 Method Blank 0.25, Description: Method Blank

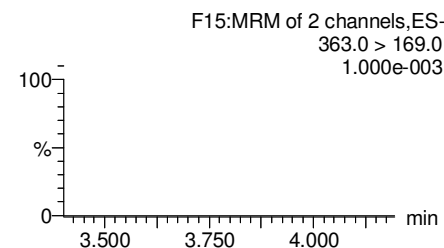
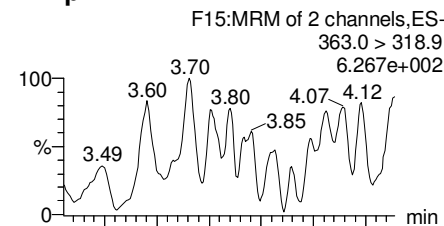
PFBS



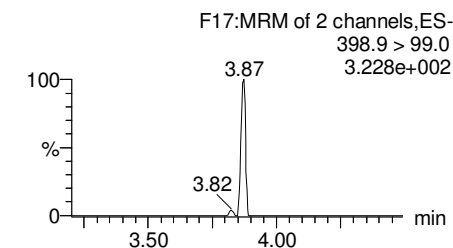
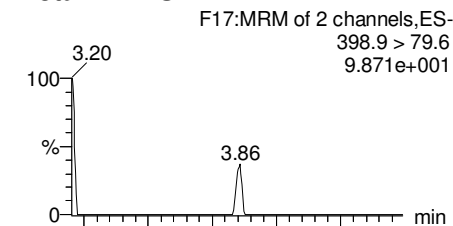
PFHxA



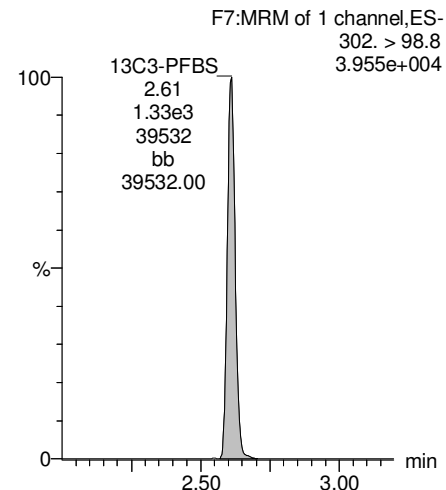
PFHpA



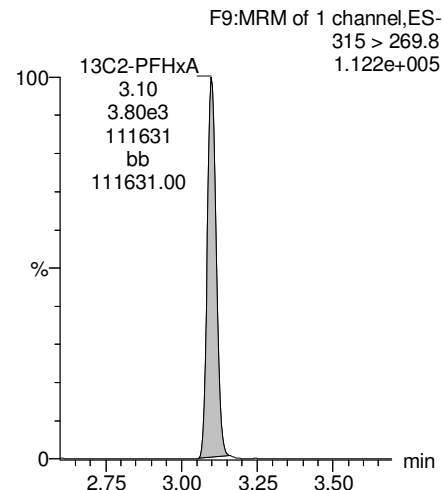
Total PFHxS



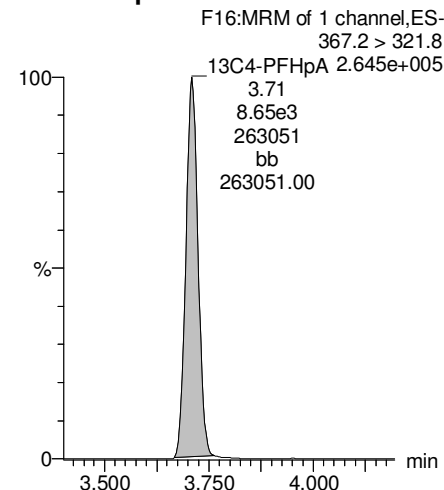
13C3-PFBS



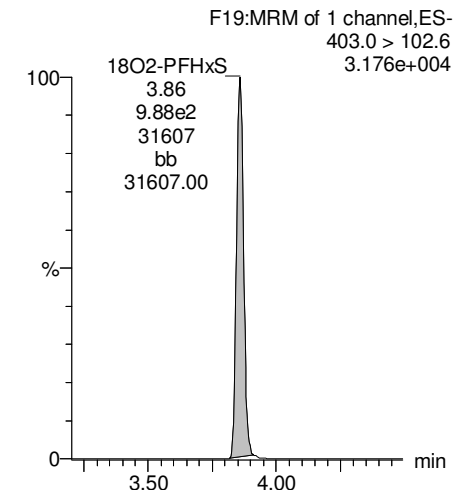
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-35.qld

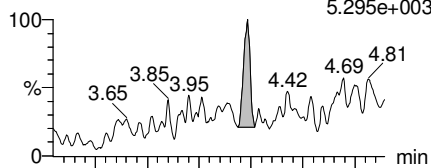
Last Altered: Thursday, March 15, 2018 17:36:55 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:37:37 Pacific Daylight Time

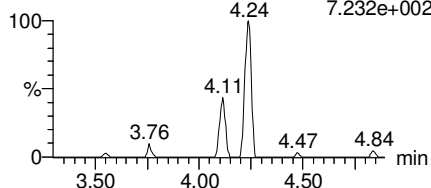
Name: 180312M1\_35, Date: 13-Mar-2018, Time: 04:08:22, ID: B8C0006-BLK1 Method Blank 0.25, Description: Method Blank

**Total PFOA**

F20:MRM of 2 channels,ES-  
413 > 368.7  
5.295e+003

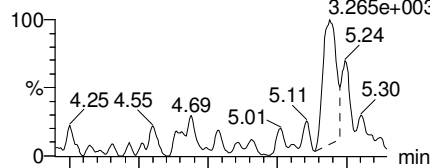


F20:MRM of 2 channels,ES-  
413 > 169  
7.232e+002

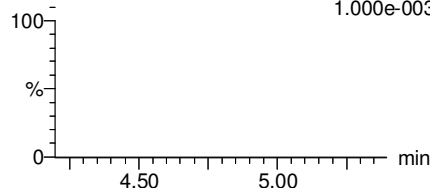


**PFNA**

F26:MRM of 2 channels,ES-  
463.0 > 418.8  
3.265e+003

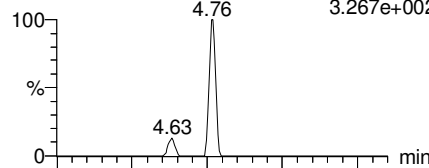


F26:MRM of 2 channels,ES-  
463.0 > 219.0  
1.000e-003

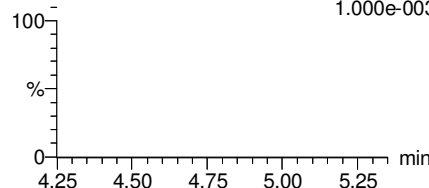


**Total PFOS**

F31:MRM of 2 channels,ES-  
499 > 79.9  
3.267e+002

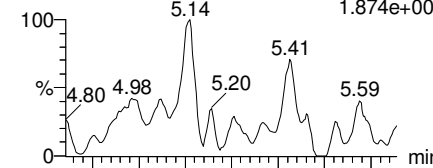


F31:MRM of 2 channels,ES-  
499 > 99  
1.000e-003

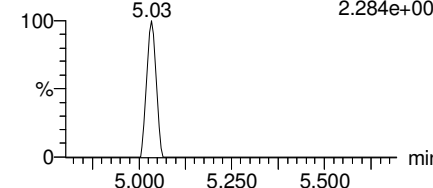


**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
1.874e+003

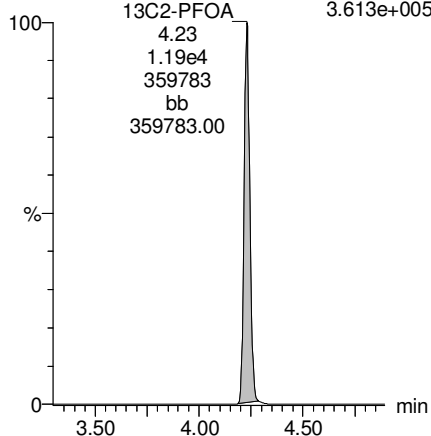


F36:MRM of 2 channels,ES-  
513 > 219  
2.284e+002



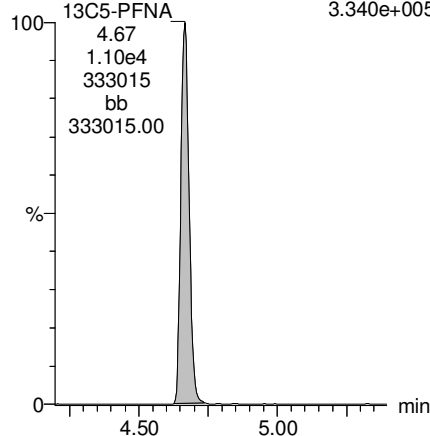
**13C2-PFOA**

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
3.613e+005



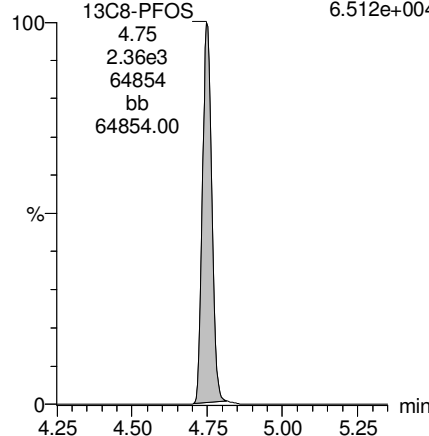
**13C5-PFNA**

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
3.340e+005



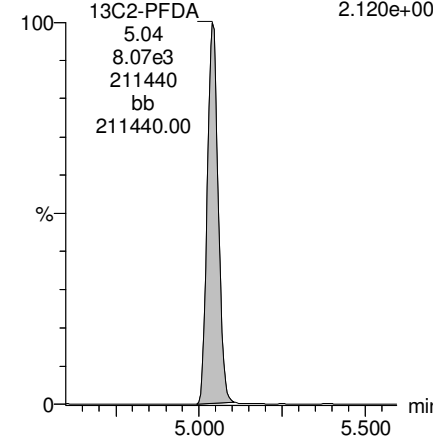
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
6.512e+004



**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
2.120e+005





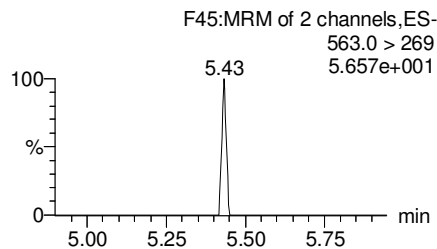
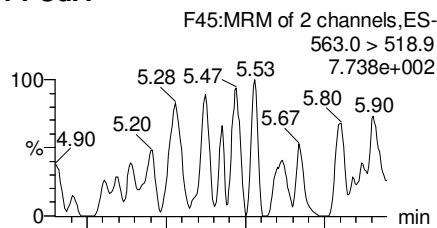
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-35.qld

Last Altered: Thursday, March 15, 2018 17:36:55 Pacific Daylight Time

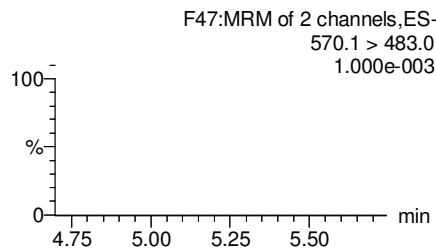
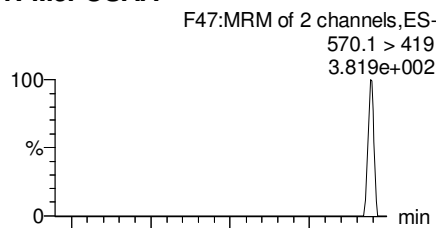
Printed: Thursday, March 15, 2018 17:37:37 Pacific Daylight Time

Name: 180312M1\_35, Date: 13-Mar-2018, Time: 04:08:22, ID: B8C0006-BLK1 Method Blank 0.25, Description: Method Blank

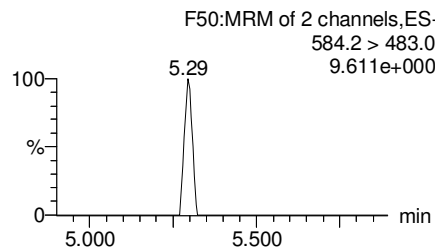
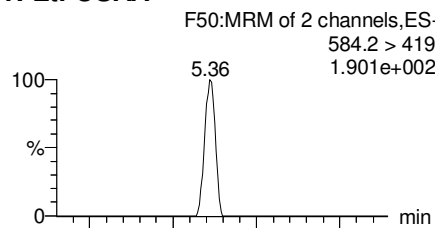
**PFUdA**



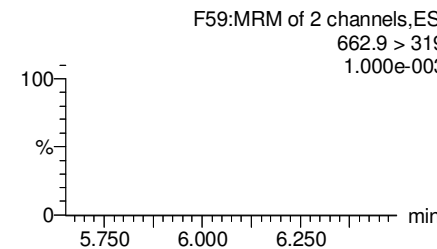
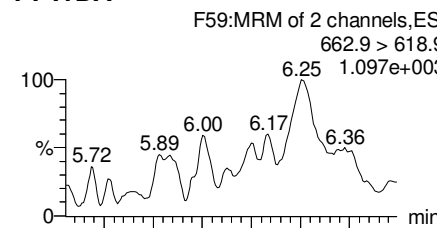
**N-MeFOSAA**



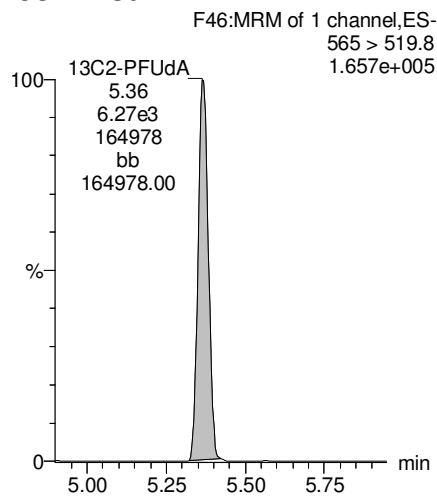
**N-EtFOSAA**



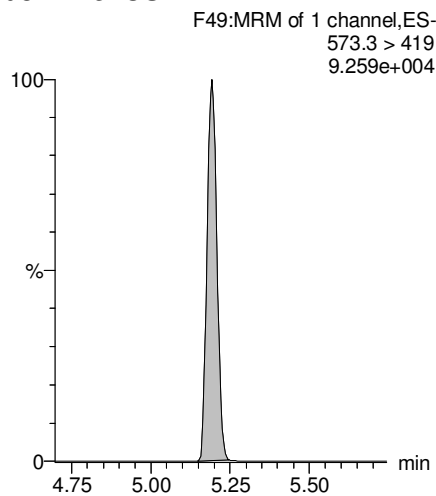
**PFTrDA**



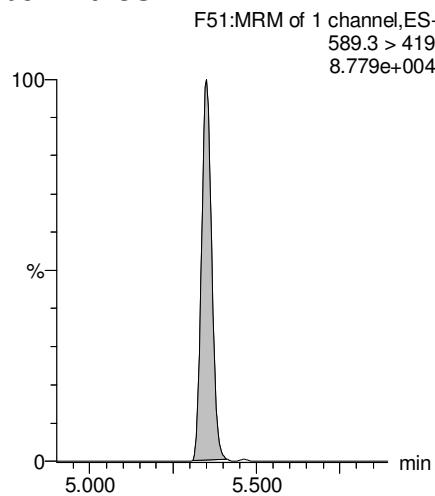
**13C2-PFUdA**



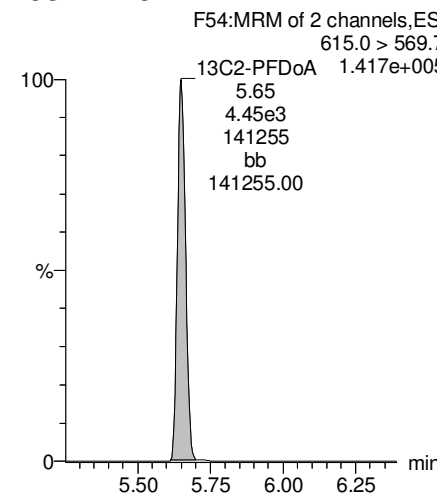
**d3-N-MeFOSAA**



**d5-N-EtFOSAA**



**13C2-PFDoA**



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-35.qld

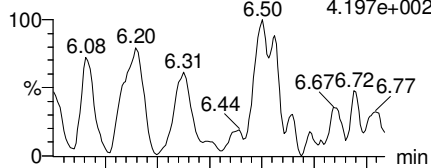
Last Altered: Thursday, March 15, 2018 17:36:55 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:37:37 Pacific Daylight Time

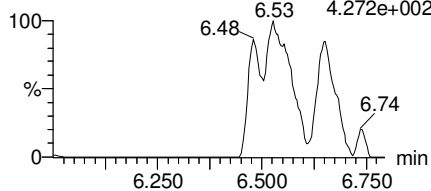
Name: 180312M1\_35, Date: 13-Mar-2018, Time: 04:08:22, ID: B8C0006-BLK1 Method Blank 0.25, Description: Method Blank

**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
4.197e+002

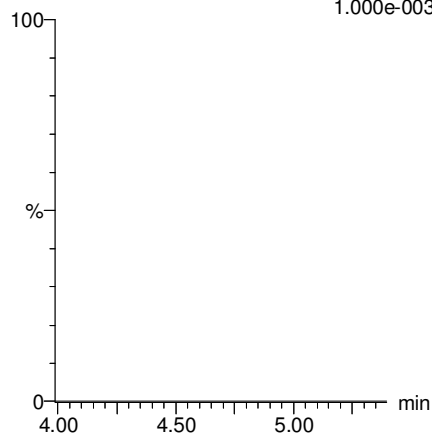


F60:MRM of 2 channels,ES-  
712.9 > 369  
4.272e+002



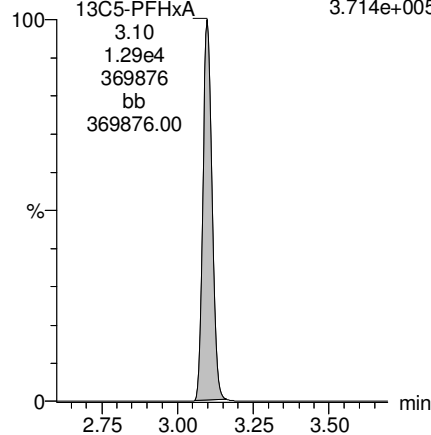
**TCDA**

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



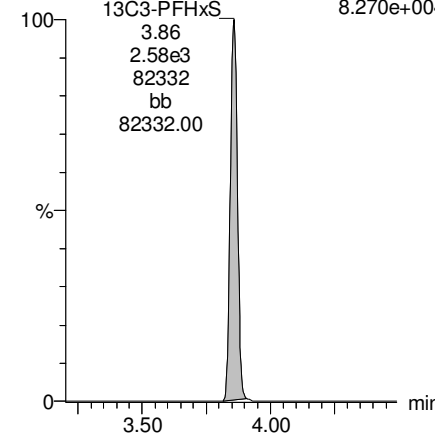
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
3.714e+005



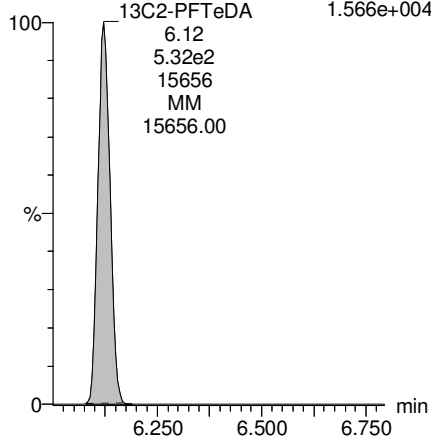
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
8.270e+004



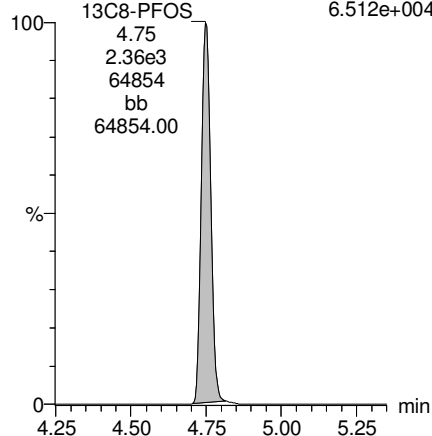
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
1.566e+004



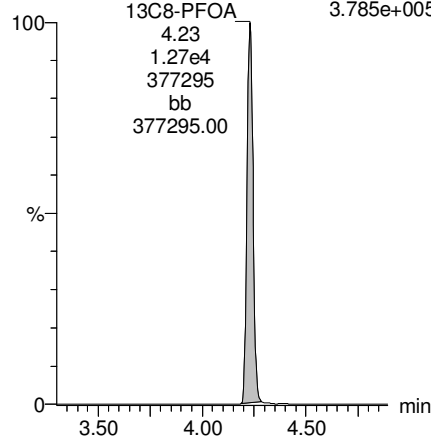
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
6.512e+004



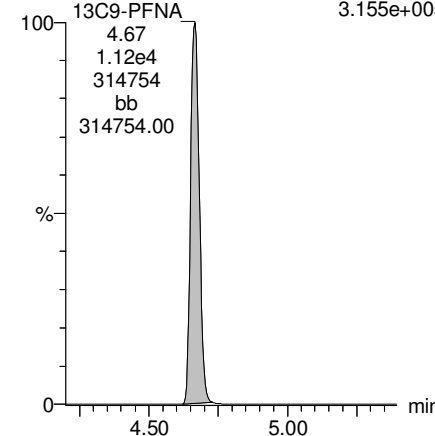
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
3.785e+005



**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
3.155e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-35.qld

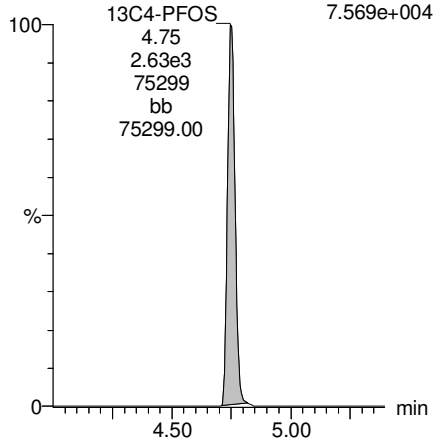
Last Altered: Thursday, March 15, 2018 17:36:55 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:37:37 Pacific Daylight Time

Name: 180312M1\_35, Date: 13-Mar-2018, Time: 04:08:22, ID: B8C0006-BLK1 Method Blank 0.25, Description: Method Blank

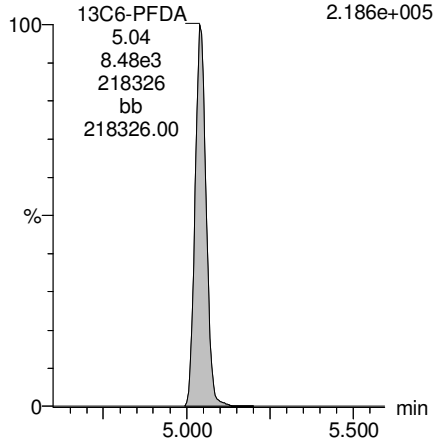
13C4-PFOS

F32:MRM of 1 channel,ES-  
503 > 79.9  
7.569e+004



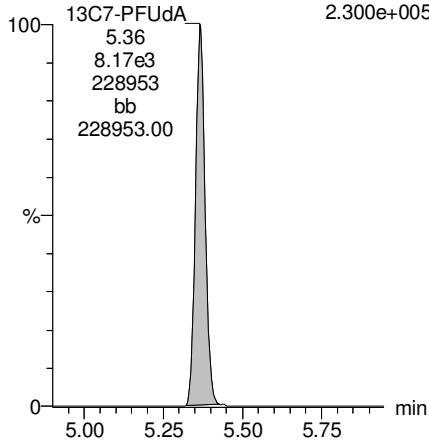
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
2.186e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
2.300e+005



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-33.qld

Last Altered: Thursday, March 15, 2018 16:48:13 Pacific Daylight Time

Printed: Thursday, March 15, 2018 16:48:59 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_33, Date: 08-Mar-2018, Time: 13:41:21, ID: B8C0006-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	2.50e3	1.59e3	0.250		2.98	2.70	19.7	43.7907	109.5
2	5 PFHxA	313.2 > 268.9	1.38e4	4.89e3	0.250		3.48	3.19	14.1	40.7769	101.9
3	7 PFHpA	363.0 > 318.9	1.18e4	1.17e4	0.250		4.10	3.80	12.6	39.3695	98.4
4	8 L-PFHxS	398.9 > 79.6	2.04e3	1.35e3	0.250		4.24	3.95	18.9	42.2438	105.6
5	11 L-PFOA	413 > 368.7	1.22e4	1.61e4	0.250		4.45	4.33	9.46	36.1312	90.3
6	14 PFNA	463.0 > 418.8	1.28e4	1.56e4	0.250		5.04	4.76	10.3	33.7554	84.4
7	16 L-PFOS	499 > 79.9	2.72e3	3.47e3	0.250		4.84	4.84	9.80	37.7922	94.5
8	18 PFDA	513 > 468.8	1.22e4	1.29e4	0.250		5.40	5.14	11.8	46.7462	116.9
9	21 N-MeFOSAA	570.1 > 419	5.82e3	4.50e3	0.250		5.55	5.29	16.2	41.4953	103.7
10	22 N-EtFOSAA	584.2 > 419	5.11e3	6.04e3	0.250		5.70	5.45	10.6	36.9869	92.5
11	23 PFUdA	563.0 > 518.9	9.40e3	1.08e4	0.250		5.72	5.46	10.8	42.9073	107.3

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-33.qld

Last Altered: Thursday, March 15, 2018 16:48:13 Pacific Daylight Time

Printed: Thursday, March 15, 2018 16:49:07 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_33, Date: 08-Mar-2018, Time: 13:41:21, ID: B8C0006-BS1 OPR 0.25, Description: OPR

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	27	PFTeDA	662.9 > 618.9	8.74e3	9.16e3	0.250	6.22	5.99	11.9	39.1127	97.8	
2	28	PFTeDA	712.9 > 668.8	4.13e3	2.84e3	0.250	6.41	6.21	18.2	40.6028	101.5	
3	36	13C3-PFBS	302. > 98.8	1.59e3	1.78e4	0.250	0.101	2.98	2.70	44.2919	88.6	
4	37	13C2-PFHxA	315 > 269.8	4.89e3	1.78e4	0.250	0.744	3.48	3.19	18.4904	92.5	
5	38	13C4-PFHpA	367.2 > 321.8	1.17e4	1.78e4	0.250	0.740	4.10	3.80	44.4607	88.9	
6	39	18O2-PFHxS	403.0 > 102.6	1.35e3	3.27e3	0.250	0.424	4.24	3.95	48.4666	96.9	
7	40	13C2-6:2 FTS	429.1 > 408.9	3.46e3	1.46e4	0.250	0.254	4.56	4.27	46.8023	93.6	
8	41	13C2-PFOA	414.9 > 369.7	1.61e4	1.46e4	0.250	1.129	4.61	4.33	48.8280	97.7	
9	42	13C5-PFNA	468.2 > 422.9	1.56e4	1.85e4	0.250	1.006	5.04	4.76	41.9827	84.0	
10	43	13C8-PFOSA	506.1 > 77.7	3.50e2	1.59e4	0.250	0.182	5.09	4.84	6.0698	12.1	
11	44	13C8-PFOS	507.0 > 79.9	3.47e3	3.32e3	0.250	1.049	5.11	4.84	49.7495	99.5	
12	45	13C2-PFDA	515.1 > 469.9	1.29e4	1.54e4	0.250	1.082	5.40	5.14	38.7282	77.5	
13	46	13C2-8:2 FTS	529.1 > 508.7	2.90e3	1.78e4	0.250	0.161	5.38	5.10	50.7636	101.5	
14	47	d3-N-MeFOSAA	573.3 > 419	4.50e3	1.59e4	0.250	0.426	5.55	5.29	33.2868	66.6	
15	48	d5-N-EtFOSAA	589.3 > 419	6.04e3	1.59e4	0.250	0.459	5.70	5.44	41.4303	82.9	
16	49	13C2-PFUdA	565 > 519.8	1.08e4	1.59e4	0.250	1.051	5.72	5.46	32.5281	65.1	
17	50	13C2-PFDoA	615.0 > 569.7	9.16e3	1.59e4	0.250	0.827	5.99	5.74	34.9082	69.8	
18	51	d3-N-MeFOSA	515.2 > 168.9		1.59e4	0.250	0.107	5.93				
19	52	13C2-PFTeDA	714.8 > 669.6	2.84e3	1.59e4	0.250	0.514	6.41	6.21	2.24	17.4272	34.9
20	53	d5-N-ETFOSA	531.1 > 168.9		1.59e4	0.250	0.152	6.25				
21	54	13C2-PFHxDA	815 > 769.7	4.33e2	1.59e4	0.250	1.185	6.69	6.55	0.341	1.1522	5.8
22	55	d7-N-MeFOSE	623.1 > 58.9		1.59e4	0.250	0.122	6.31				
23	56	d9-N-EtFOSE	639.2 > 58.8		1.59e4	0.250	0.109	6.45				
24	57	13C4-PFBA	217. > 171.8	1.17e4	1.17e4	0.250	1.000	1.73	1.46	12.5	50.0000	100.0
25	58	13C5-PFHxA	318 > 272.9	1.78e4	1.78e4	0.250	1.000	3.48	3.19	12.5	50.0000	100.0
26	59	13C3-PFHxS	401.9 > 79.9	3.27e3	3.27e3	0.250	1.000	4.24	3.95	12.5	50.0000	100.0
27	60	13C8-PFOA	421.3 > 376	1.46e4	1.46e4	0.250	1.000	4.61	4.33	12.5	50.0000	100.0
28	61	13C9-PFNA	472.2 > 426.9	1.85e4	1.85e4	0.250	1.000	4.70	4.76	12.5	50.0000	100.0
29	62	13C4-PFOS	503 > 79.9	3.32e3	3.32e3	0.250	1.000	5.11	4.84	12.5	50.0000	100.0
30	63	13C6-PFDA	519.1 > 473.7	1.54e4	1.54e4	0.250	1.000	5.40	5.14	12.5	50.0000	100.0
31	64	13C7-PFUdA	570.1 > 524.8	1.59e4	1.59e4	0.250	1.000	5.72	5.46	12.5	50.0000	100.0
32	65	Total PFHxS	398.9 > 79.6	2.04e3	1.35e3	0.250		4.24		18.9	42.2438	

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-33.qld

Last Altered: Thursday, March 15, 2018 16:48:13 Pacific Daylight Time

Printed: Thursday, March 15, 2018 16:49:07 Pacific Daylight Time

Name: 180307M2\_33, Date: 08-Mar-2018, Time: 13:41:21, ID: B8C0006-BS1 OPR 0.25, Description: OPR

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
33	66 Total PFOA	413 > 368.7	1.22e4	1.61e4	0.250		4.61		9.46	36.1312	
34	67 Total PFOS	499 > 79.9	2.72e3	3.47e3	0.250		5.11		9.80	37.7922	
35	68 Total N-MeFOSAA	570.1 > 419	5.82e3	4.50e3	0.250		5.55		16.2	41.4953	
36	69 Total N-EtFOSAA	584.2 > 419	5.11e3	6.04e3	0.250		5.70		10.6	36.9869	

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-33.qld

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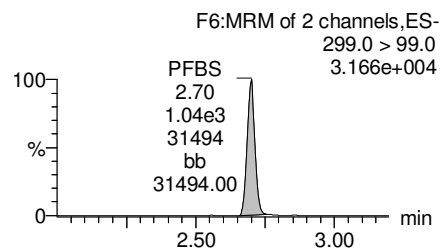
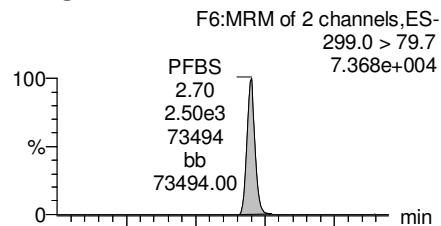
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

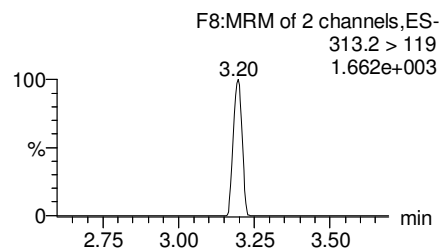
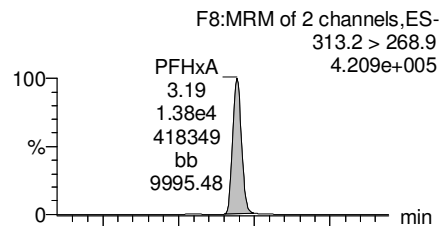
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Name: 180307M2\_33, Date: 08-Mar-2018, Time: 13:41:21, ID: B8C0006-BS1 OPR 0.25, Description: OPR

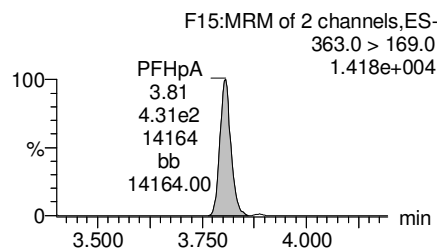
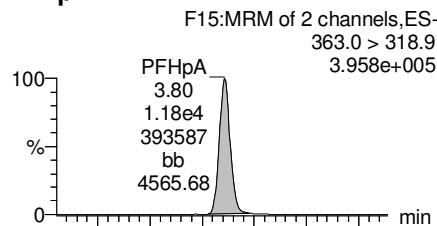
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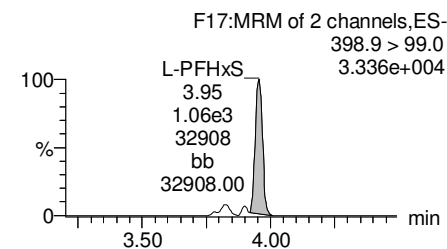
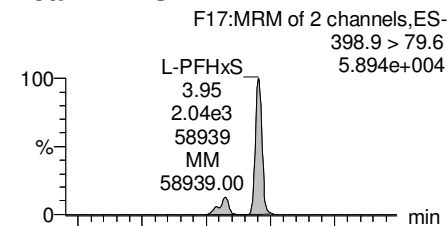
**PFHxA**



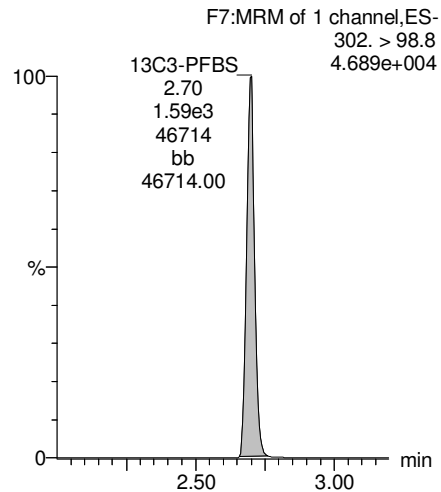
**PFHpA**



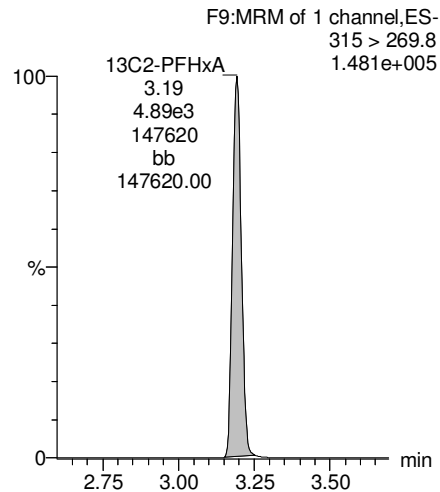
**Total PFHxS**



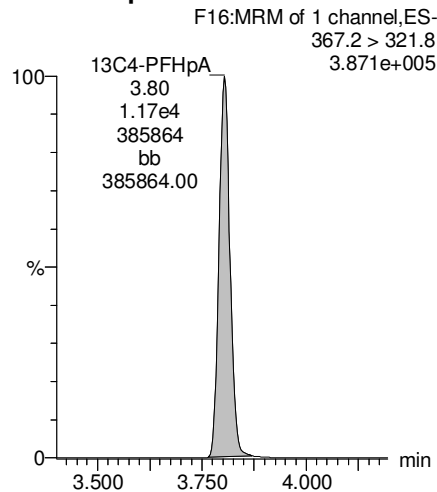
**13C3-PFBS**



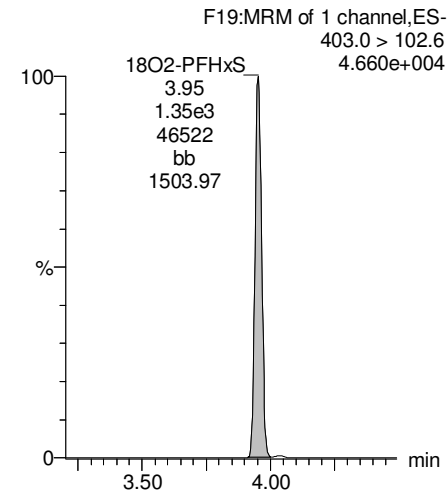
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



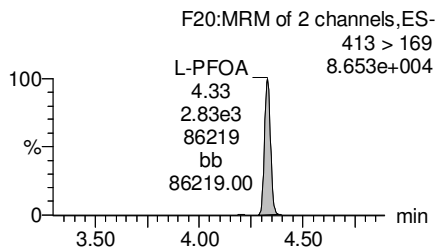
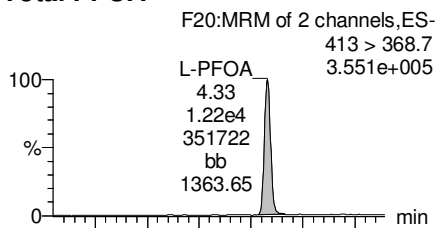
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Last Altered: Thursday, March 15, 2018 16:48:13 Pacific Daylight Time

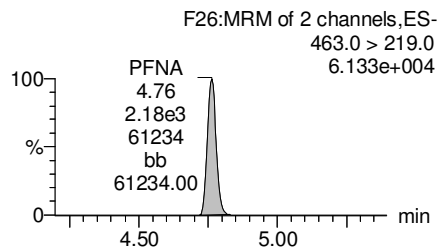
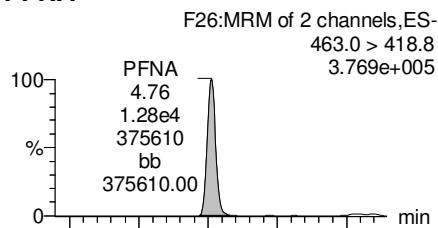
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Name: 180307M2\_33, Date: 08-Mar-2018, Time: 13:41:21, ID: B8C0006-BS1 OPR 0.25, Description: OPR

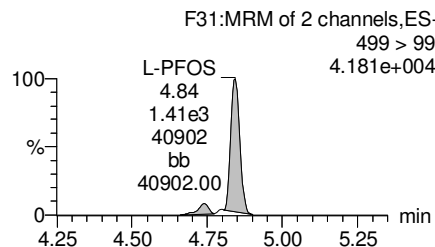
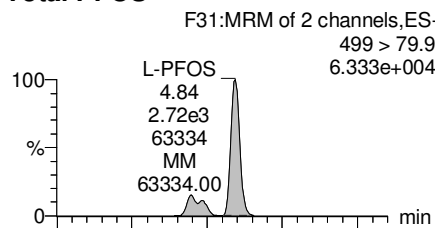
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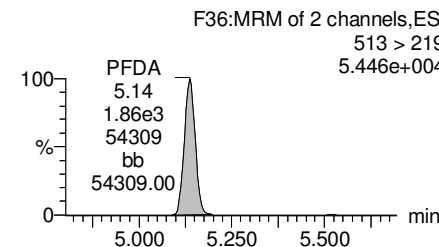
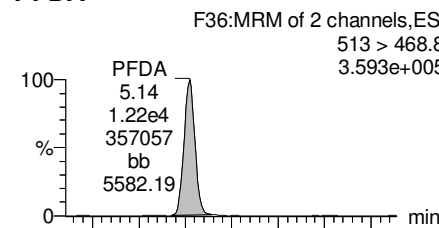
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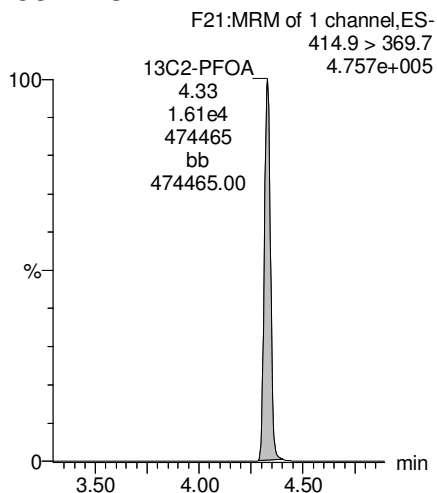
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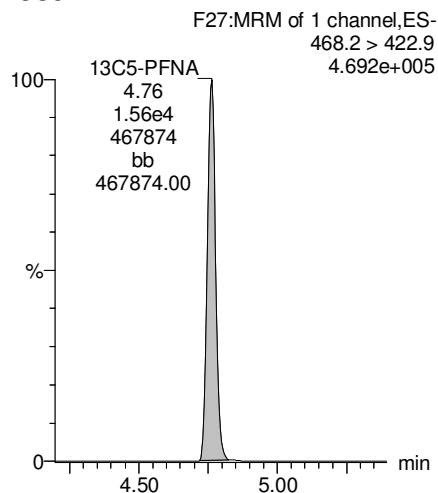
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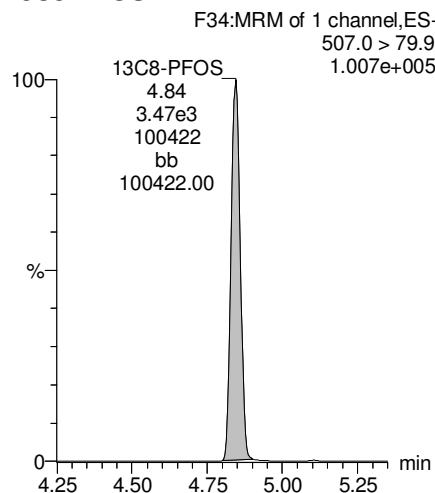
**13C2-PFOA**



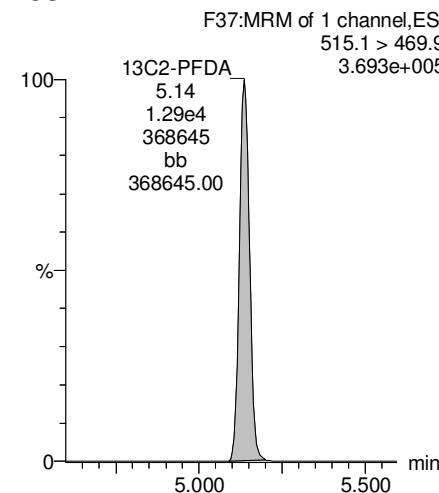
**13C5-PFNA**



**13C8-PFOS**



**13C2-PFDA**





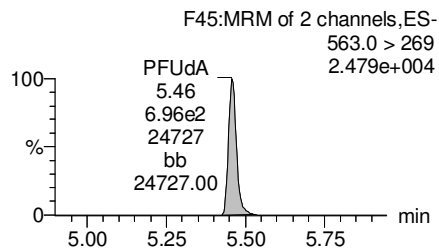
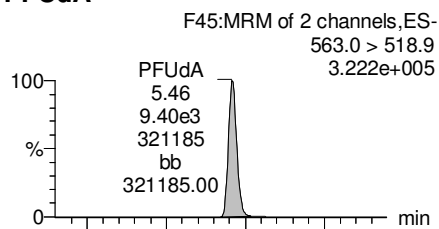
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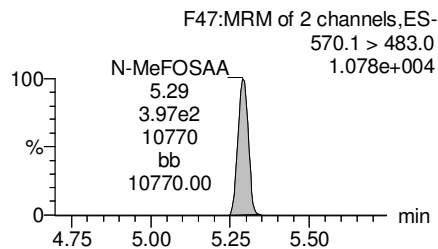
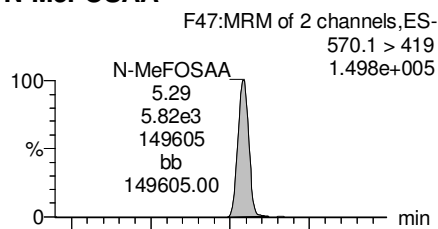
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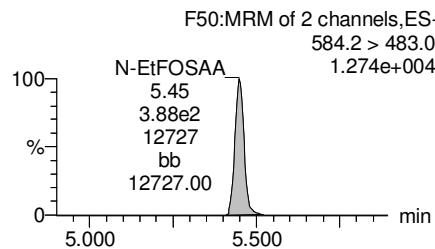
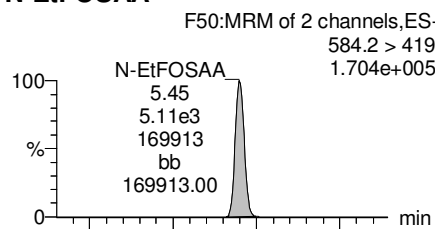
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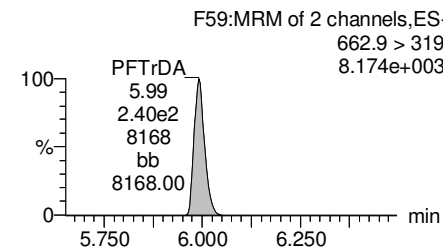
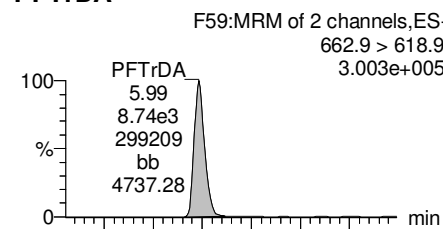
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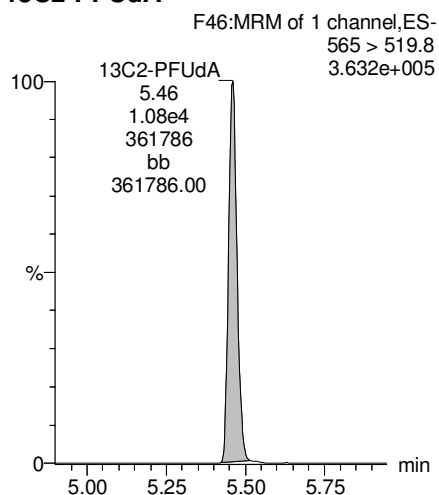
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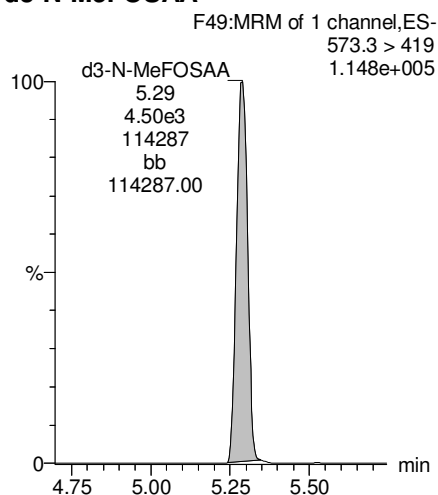
**PFTrDA**



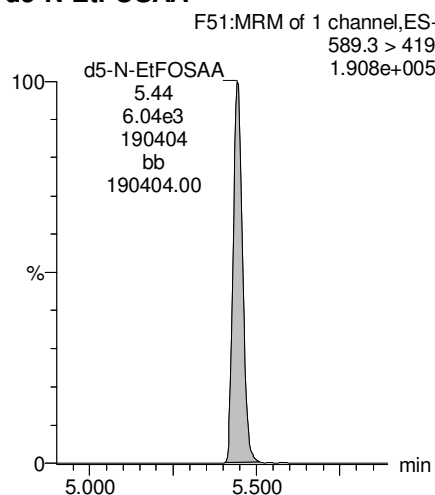
**13C2-PFUdA**



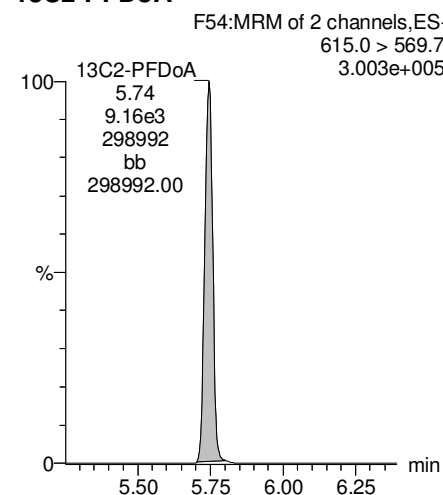
**d3-N-MeFOSAA**



**d5-N-EtFOSAA**



**13C2-PFDoA**



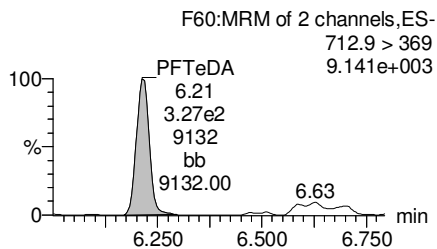
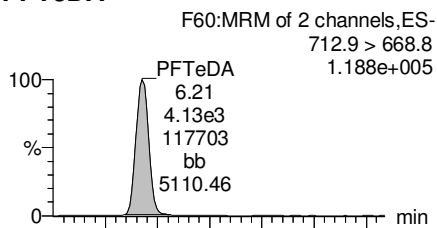
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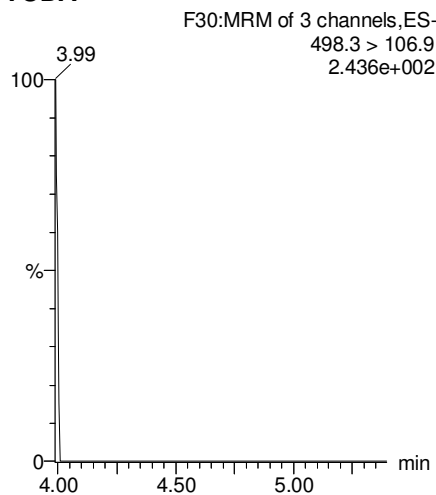
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Name: 180307M2\_33, Date: 08-Mar-2018, Time: 13:41:21, ID: B8C0006-BS1 OPR 0.25, Description: OPR

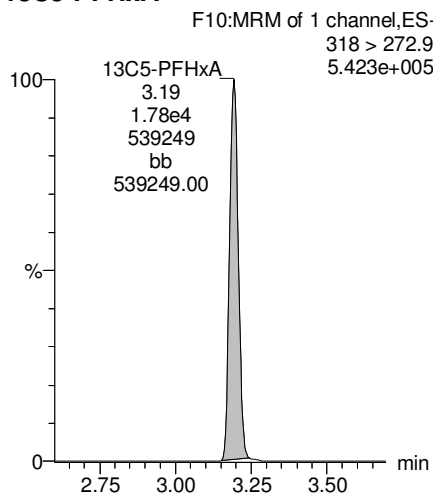
**PFTeDA**



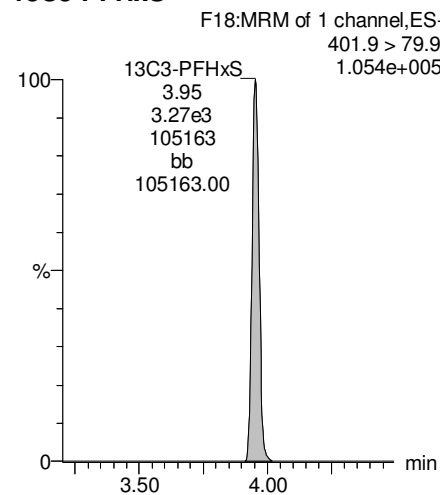
**TCDA**



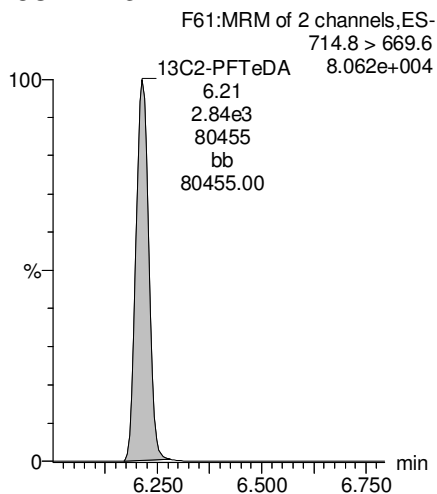
**13C5-PFHxA**



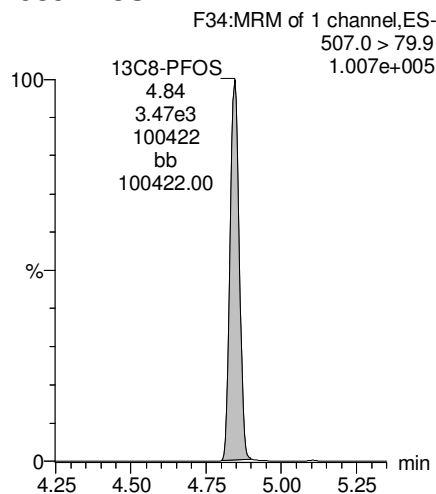
**13C3-PFHxS**



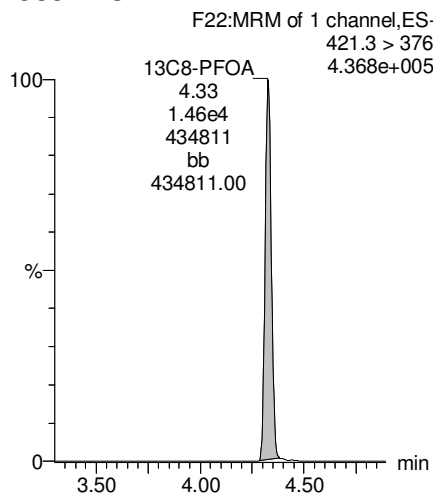
**13C2-PFTeDA**



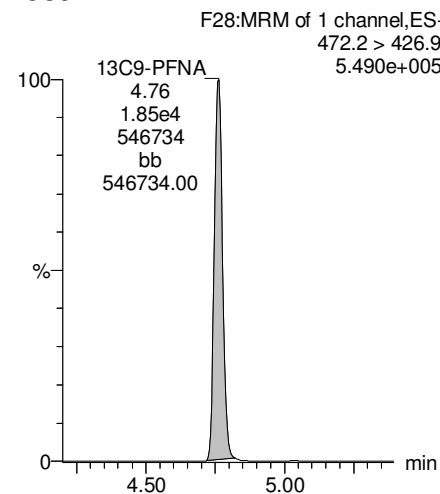
**13C8-PFOS**



**13C8-PFOA**



**13C9-PFNA**



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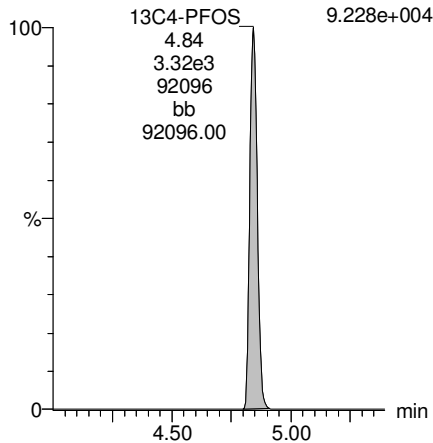
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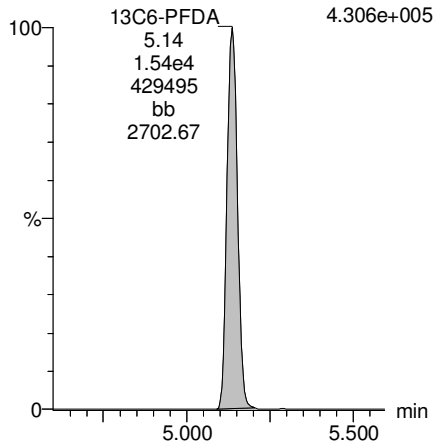
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9.228e+004



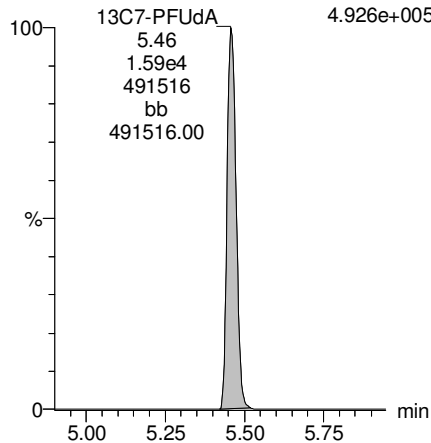
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
4.306e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
4.926e+005



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-34.qld

Last Altered: Thursday, March 15, 2018 17:05:28 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:05:58 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_34, Date: 08-Mar-2018, Time: 13:52:50, ID: B8C0006-BSD1 LCSD 0.25, Description: LCSD

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7	2.44e3	1.53e3	0.250		2.98	2.70	19.9	44.2444	110.6
2	5 PFHxA	313.2 > 268.9	1.30e4	4.66e3	0.250		3.48	3.20	13.9	40.3414	100.9
3	7 PFHpA	363.0 > 318.9	1.16e4	1.08e4	0.250		4.10	3.80	13.5	42.2764	105.7
4	8 L-PFHxS	398.9 > 79.6	1.80e3	1.34e3	0.250		4.24	3.95	16.8	37.4323	93.6
5	11 L-PFOA	413 > 368.7	1.33e4	1.72e4	0.250		4.45	4.33	9.70	37.0659	92.7
6	14 PFNA	463.0 > 418.8	1.11e4	1.40e4	0.250		5.04	4.76	9.91	32.5449	81.4
7	16 L-PFOS	499 > 79.9	2.69e3	3.01e3	0.250		4.84	4.84	11.2	42.9404	107.4
8	18 PFDA	513 > 468.8	1.24e4	1.10e4	0.250		5.40	5.14	14.1	55.8049	139.5
9	21 N-MeFOSAA	570.1 > 419	5.66e3	5.07e3	0.250		5.55	5.29	14.0	35.8587	89.6
10	22 N-EtFOSAA	584.2 > 419	5.22e3	5.05e3	0.250		5.70	5.45	12.9	45.1174	112.8
11	23 PFUdA	563.0 > 518.9	1.13e4	1.33e4	0.250		5.72	5.46	10.7	42.3617	105.9

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-34.qld

Last Altered: Thursday, March 15, 2018 17:05:28 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:06:09 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_34, Date: 08-Mar-2018, Time: 13:52:50, ID: B8C0006-BSD1 LCSD 0.25, Description: LCSD

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	27 PFTrDA	662.9 > 618.9	1.19e4	1.02e4	0.250		6.22	5.99	14.6	47.7035	119.3
2	28 PFTeDA	712.9 > 668.8	8.68e3	5.08e3	0.250		6.41	6.21	21.4	48.0748	120.2
3	36 13C3-PFBS	302. > 98.8	1.53e3	1.66e4	0.250	0.101	2.98	2.70	1.15	45.7119	91.4
4	37 13C2-PFHxA	315 > 269.8	4.66e3	1.66e4	0.250	0.744	3.48	3.19	3.51	18.8718	94.4
5	38 13C4-PFHpA	367.2 > 321.8	1.08e4	1.66e4	0.250	0.740	4.10	3.80	8.10	43.7765	87.6
6	39 18O2-PFHxS	403.0 > 102.6	1.34e3	3.26e3	0.250	0.424	4.24	3.96	5.14	48.4205	96.8
7	40 13C2-6:2 FTS	429.1 > 408.9	3.77e3	1.66e4	0.250	0.254	4.56	4.27	2.84	44.7562	89.5
8	41 13C2-PFOA	414.9 > 369.7	1.72e4	1.66e4	0.250	1.129	4.61	4.33	12.9	45.8180	91.6
9	42 13C5-PFNA	468.2 > 422.9	1.40e4	1.60e4	0.250	1.006	5.04	4.76	11.0	43.6806	87.4
10	43 13C8-PFOSA	506.1 > 77.7	4.04e2	1.85e4	0.250	0.182	5.09	4.84	0.273	5.9959	12.0
11	44 13C8-PFOS	507.0 > 79.9	3.01e3	3.36e3	0.250	1.049	5.11	4.84	11.2	42.6961	85.4
12	45 13C2-PFDA	515.1 > 469.9	1.10e4	1.53e4	0.250	1.082	5.40	5.14	9.00	33.2756	66.6
13	46 13C2-8:2 FTS	529.1 > 508.7	2.80e3	1.66e4	0.250	0.161	5.38	5.10	2.11	52.4561	104.9
14	47 d3-N-MeFOSAA	573.3 > 419	5.07e3	1.85e4	0.250	0.426	5.55	5.28	3.42	32.1214	64.2
15	48 d5-N-EtFOSAA	589.3 > 419	5.05e3	1.85e4	0.250	0.459	5.70	5.44	3.41	29.6686	59.3
16	49 13C2-PFUdA	565 > 519.8	1.33e4	1.85e4	0.250	1.051	5.72	5.46	8.95	34.0896	68.2
17	50 13C2-PFDoA	615.0 > 569.7	1.02e4	1.85e4	0.250	0.827	5.99	5.74	6.87	33.2415	66.5
18	51 d3-N-MeFOSA	515.2 > 168.9		1.85e4	0.250	0.107	5.93				
19	52 13C2-PFTeDA	714.8 > 669.6	5.08e3	1.85e4	0.250	0.514	6.41	6.21	3.43	26.6883	53.4
20	53 d5-N-ETFOSA	531.1 > 168.9		1.85e4	0.250	0.152	6.25				
21	54 13C2-PFHxDA	815 > 769.7	1.30e3	1.85e4	0.250	1.185	6.69	6.55	0.877	2.9602	14.8
22	55 d7-N-MeFOSE	623.1 > 58.9		1.85e4	0.250	0.122	6.31				
23	56 d9-N-EtFOSE	639.2 > 58.8		1.85e4	0.250	0.109	6.45				
24	57 13C4-PFBA	217. > 171.8	1.12e4	1.12e4	0.250	1.000	1.73	1.46	12.5	50.0000	100.0
25	58 13C5-PFHxA	318 > 272.9	1.66e4	1.66e4	0.250	1.000	3.48	3.19	12.5	50.0000	100.0
26	59 13C3-PFHxS	401.9 > 79.9	3.26e3	3.26e3	0.250	1.000	4.24	3.95	12.5	50.0000	100.0
27	60 13C8-PFOA	421.3 > 376	1.66e4	1.66e4	0.250	1.000	4.61	4.33	12.5	50.0000	100.0
28	61 13C9-PFNA	472.2 > 426.9	1.60e4	1.60e4	0.250	1.000	4.70	4.76	12.5	50.0000	100.0
29	62 13C4-PFOS	503 > 79.9	3.36e3	3.36e3	0.250	1.000	5.11	4.84	12.5	50.0000	100.0
30	63 13C6-PFDA	519.1 > 473.7	1.53e4	1.53e4	0.250	1.000	5.40	5.14	12.5	50.0000	100.0
31	64 13C7-PFUdA	570.1 > 524.8	1.85e4	1.85e4	0.250	1.000	5.72	5.46	12.5	50.0000	100.0
32	65 Total PFHxS	398.9 > 79.6	1.80e3	1.34e3	0.250		4.24		16.8	37.4323	

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-34.qld

Last Altered: Thursday, March 15, 2018 17:05:28 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:06:09 Pacific Daylight Time

Name: 180307M2\_34, Date: 08-Mar-2018, Time: 13:52:50, ID: B8C0006-BSD1 LCSD 0.25, Description: LCSD

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
33	66 Total PFOA	413 > 368.7	1.33e4	1.72e4	0.250		4.61		9.70	37.0659	
34	67 Total PFOS	499 > 79.9	2.69e3	3.01e3	0.250		5.11		11.2	42.9404	
35	68 Total N-MeFOSAA	570.1 > 419	5.66e3	5.07e3	0.250		5.55		14.0	35.8587	
36	69 Total N-EtFOSAA	584.2 > 419	5.22e3	5.05e3	0.250		5.70		12.9	45.1174	

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-34.qld

Last Altered: Thursday, March 15, 2018 17:05:28 Pacific Daylight Time

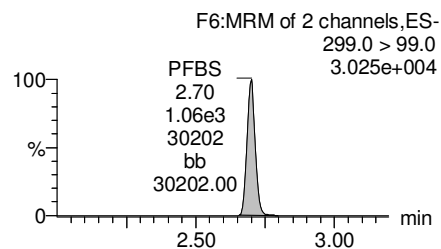
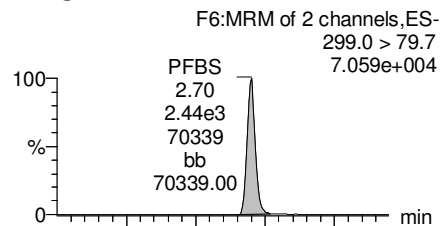
Printed: Thursday, March 15, 2018 17:06:09 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

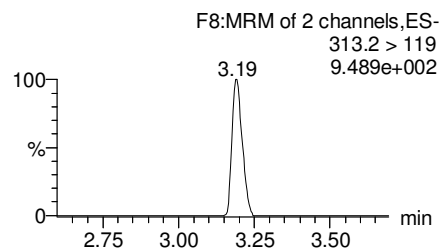
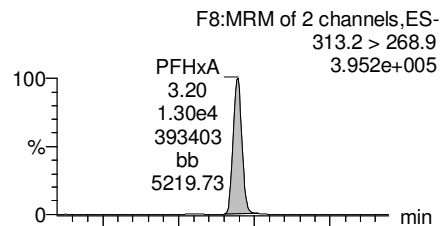
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Name: 180307M2\_34, Date: 08-Mar-2018, Time: 13:52:50, ID: B8C0006-BSD1 LCSD 0.25, Description: LCSD

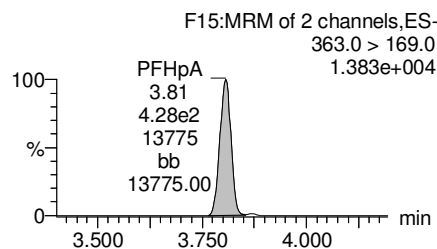
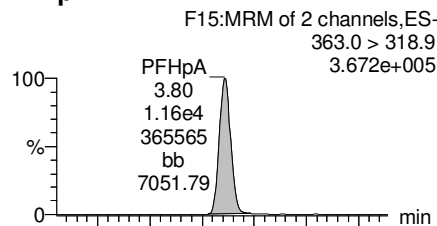
**PFBS**



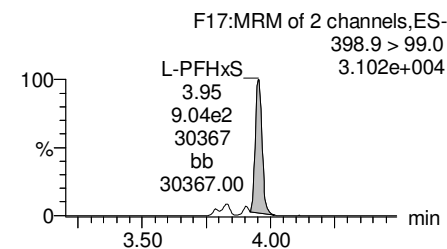
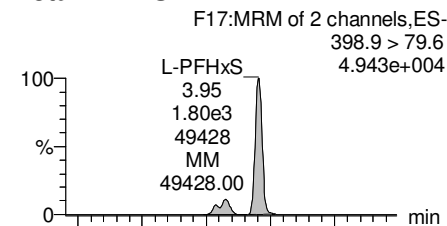
**PFHxA**



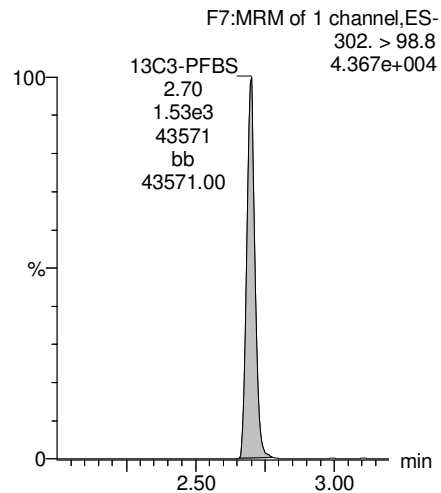
**PFHpA**



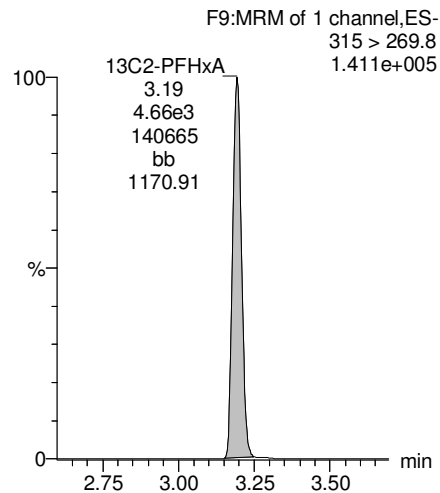
**Total PFHxS**



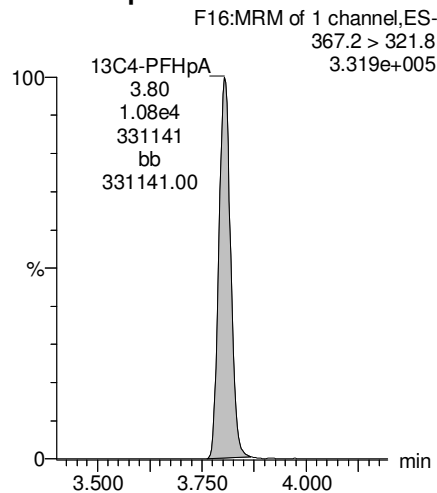
**13C3-PFBS**



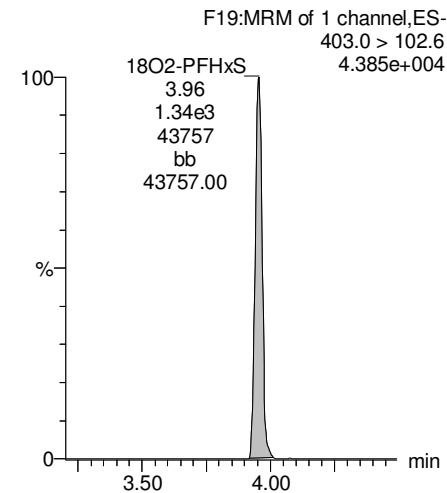
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-34.qld

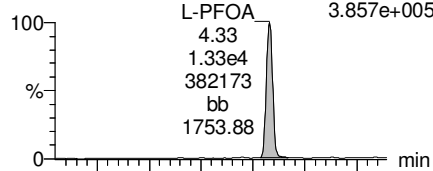
Last Altered: Thursday, March 15, 2018 17:05:28 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:06:09 Pacific Daylight Time

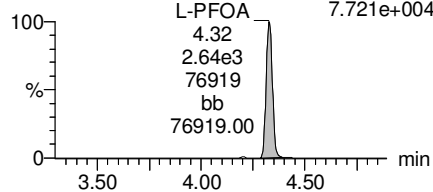
Name: 180307M2\_34, Date: 08-Mar-2018, Time: 13:52:50, ID: B8C0006-BSD1 LCSD 0.25, Description: LCSD

**Total PFOA**

F20:MRM of 2 channels,ES-  
413 > 368.7  
3.857e+005

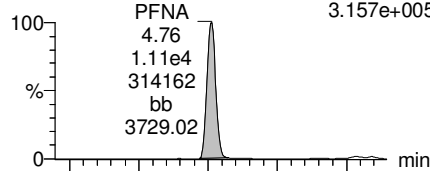


F20:MRM of 2 channels,ES-  
413 > 169  
7.721e+004

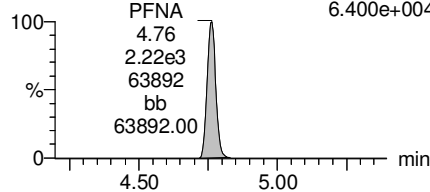


**PFNA**

F26:MRM of 2 channels,ES-  
463.0 > 418.8  
3.157e+005

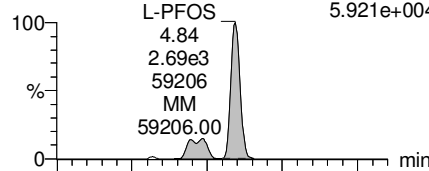


F26:MRM of 2 channels,ES-  
463.0 > 219.0  
6.400e+004

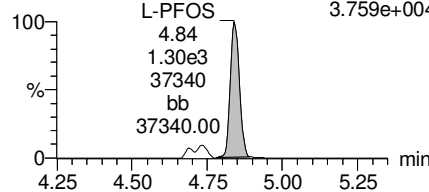


**Total PFOS**

F31:MRM of 2 channels,ES-  
499 > 79.9  
5.921e+004

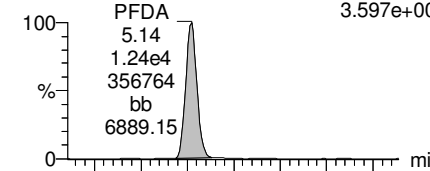


F31:MRM of 2 channels,ES-  
499 > 99  
3.759e+004

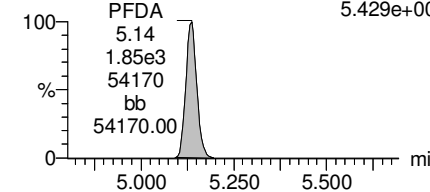


**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
3.597e+005

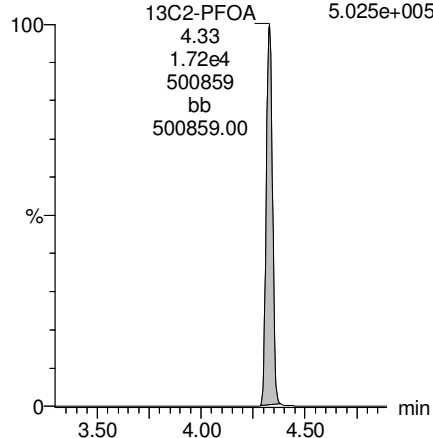


F36:MRM of 2 channels,ES-  
513 > 219  
5.429e+004



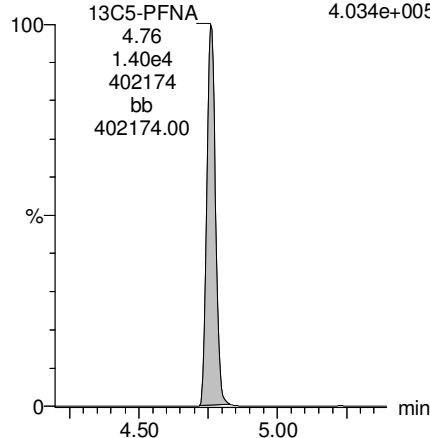
**13C2-PFOA**

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
5.025e+005



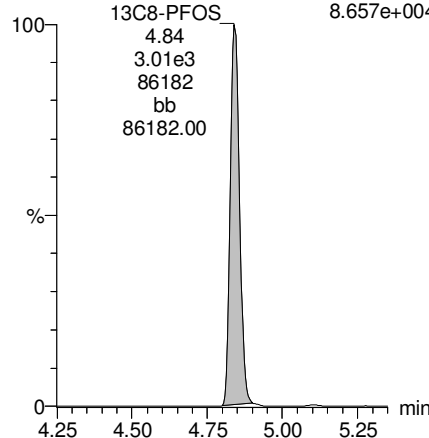
**13C5-PFNA**

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
4.034e+005



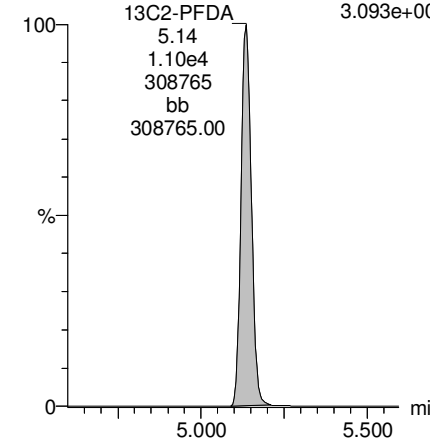
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
8.657e+004



**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
3.093e+005





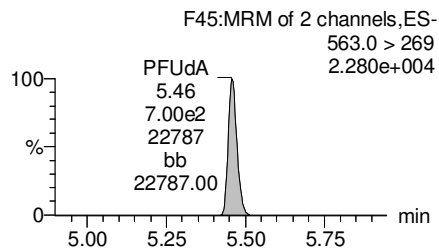
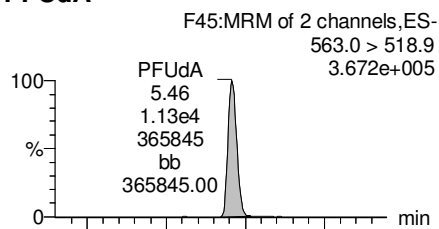
Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-34.qld

Last Altered: Thursday, March 15, 2018 17:05:28 Pacific Daylight Time

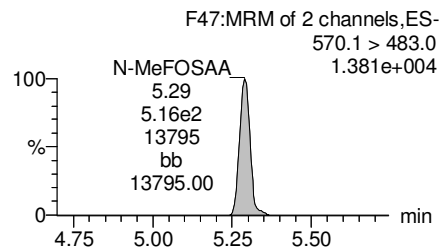
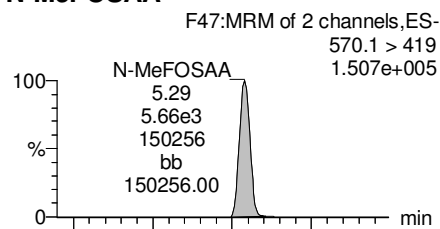
Printed: Thursday, March 15, 2018 17:06:09 Pacific Daylight Time

Name: 180307M2\_34, Date: 08-Mar-2018, Time: 13:52:50, ID: B8C0006-BSD1 LCSD 0.25, Description: LCSD

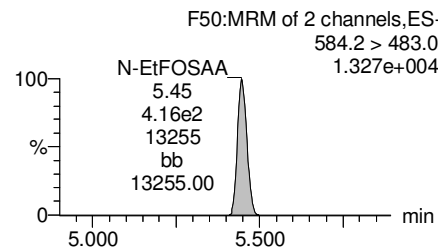
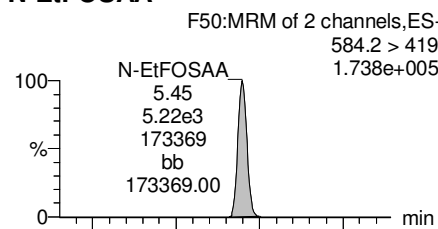
**PFUdA**



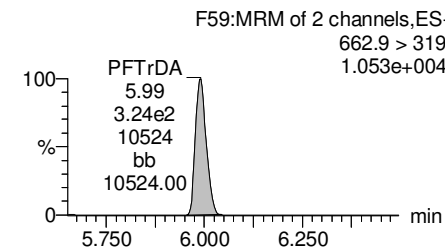
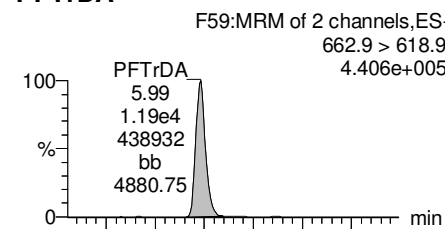
**N-MeFOSAA**



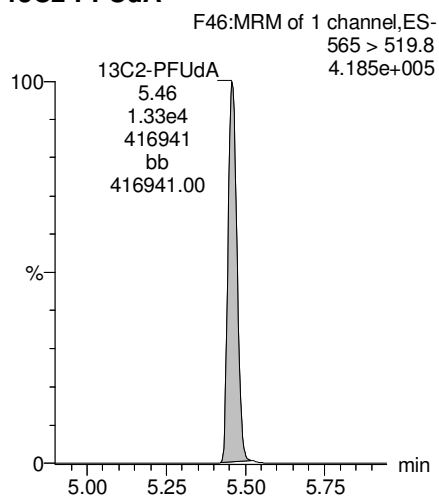
**N-EtFOSAA**



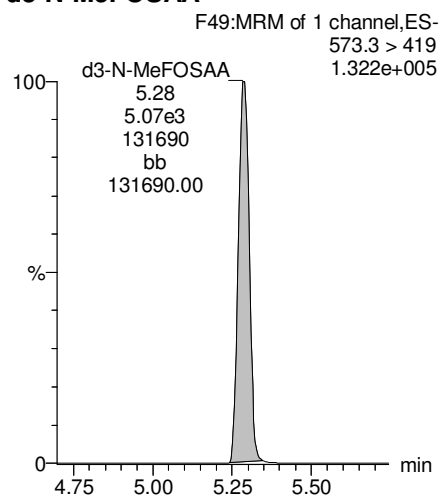
**PFTrDA**



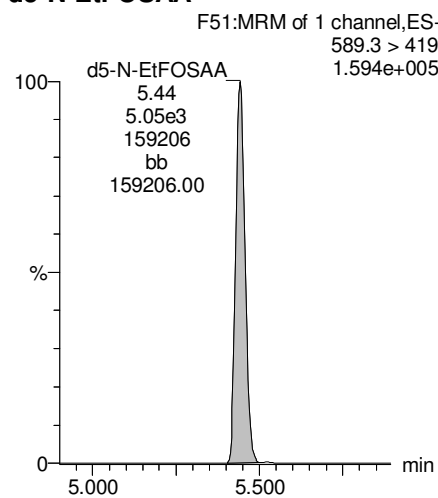
**13C2-PFUdA**



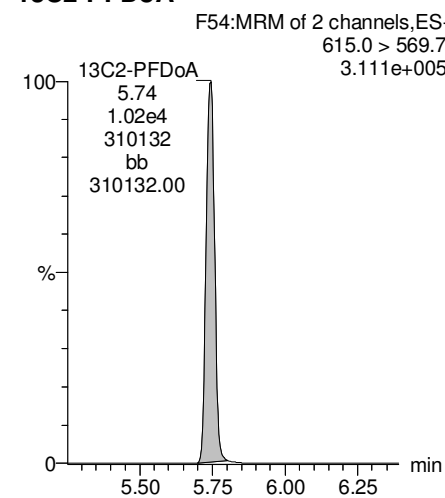
**d3-N-MeFOSAA**



**d5-N-EtFOSAA**



**13C2-PFDoA**



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-34.qld

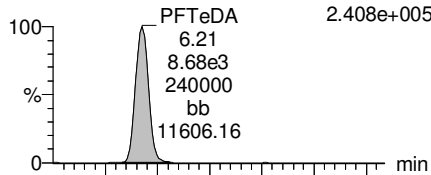
Last Altered: Thursday, March 15, 2018 17:05:28 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:06:09 Pacific Daylight Time

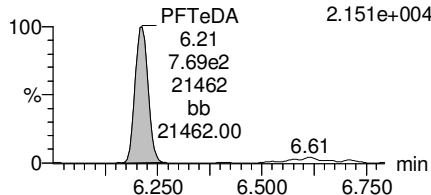
Name: 180307M2\_34, Date: 08-Mar-2018, Time: 13:52:50, ID: B8C0006-BSD1 LCSD 0.25, Description: LCSD

**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
2.408e+005

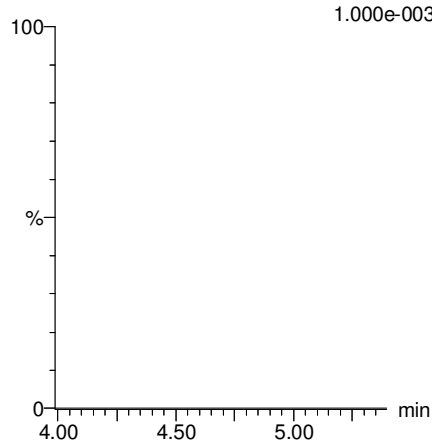


F60:MRM of 2 channels,ES-  
712.9 > 369  
2.151e+004



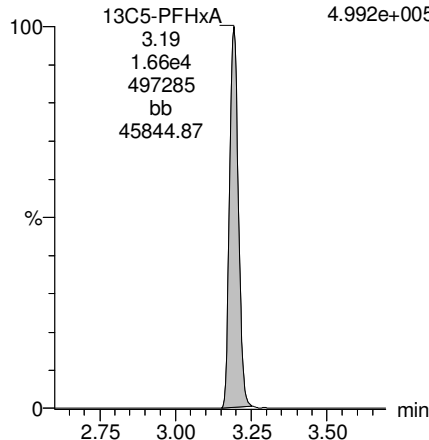
**TCDA**

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



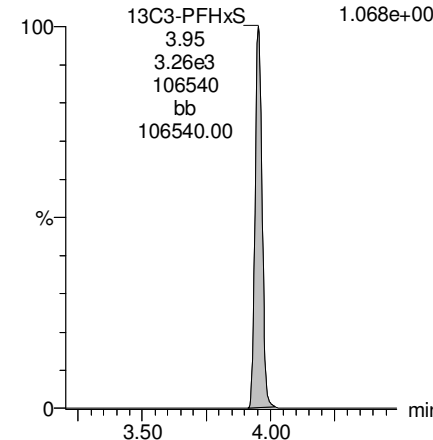
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
4.992e+005



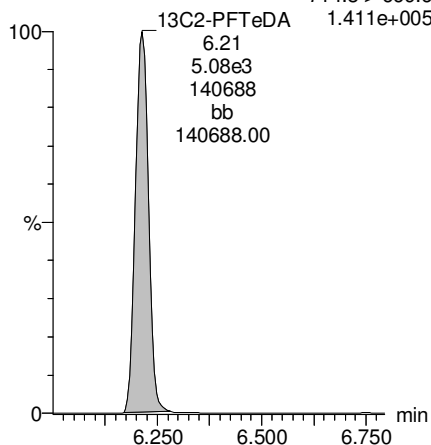
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
1.068e+005



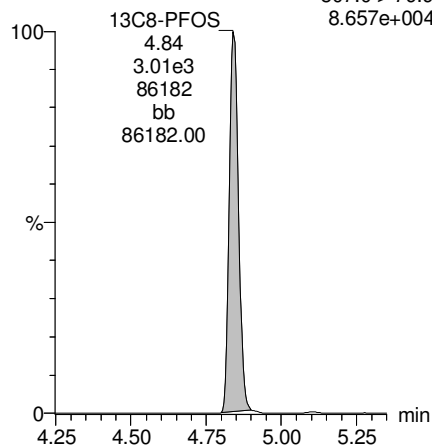
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
1.411e+005



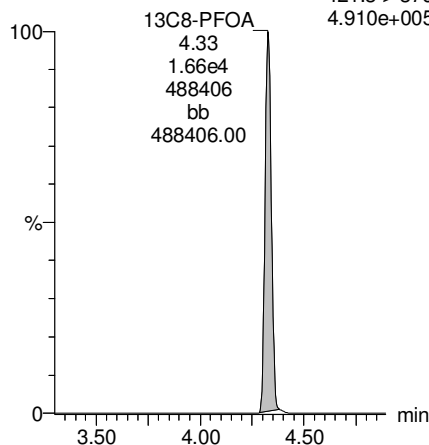
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
8.657e+004



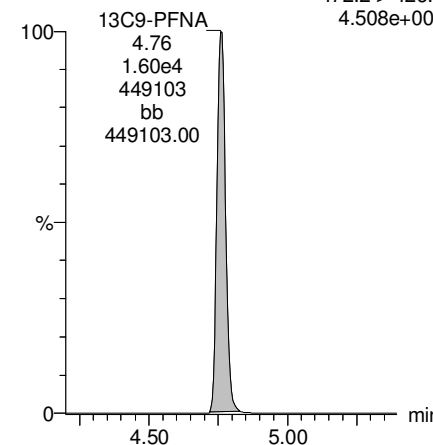
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
4.910e+005



**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
4.508e+005



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-34.qld

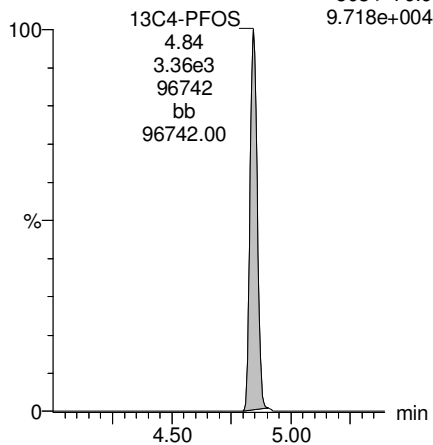
Last Altered: Thursday, March 15, 2018 17:05:28 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:06:09 Pacific Daylight Time

Name: 180307M2\_34, Date: 08-Mar-2018, Time: 13:52:50, ID: B8C0006-BSD1 LCSD 0.25, Description: LCSD

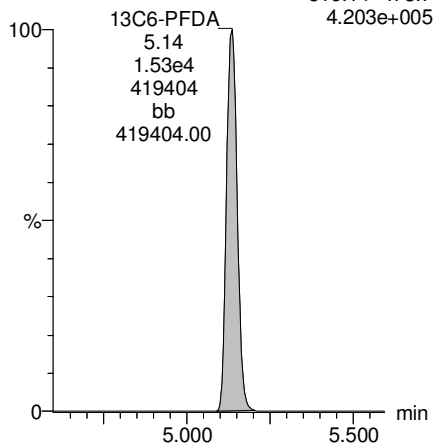
13C4-PFOS

F32:MRM of 1 channel,ES-  
503 > 79.9  
9.718e+004



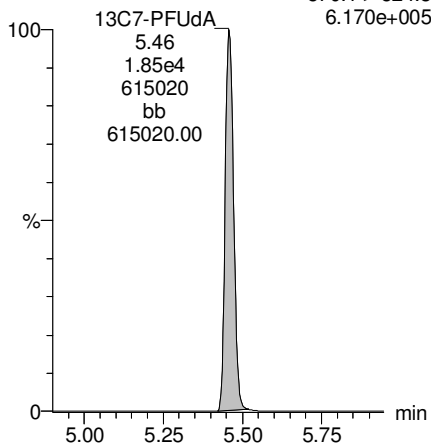
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
4.203e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
6.170e+005



Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-6.qld

Last Altered: Monday, March 19, 2018 09:28:03 Pacific Daylight Time

Printed: Monday, March 19, 2018 09:29:41 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_6, Date: 17-Mar-2018, Time: 20:43:12, ID: B8C0101-BLK1 Method Blank 0.125, Description: Method Blank

	# Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	25 PFDoA	612.9 > 569.0		6.47e3		0.1250	6.14				
2	50 13C2-PFDoA	615.0 > 569.7	6.47e3	9.42e3	0.875	0.1250	6.14	5.92	8.58	78.5	78.5
3	64 13C7-PFUdA	570.1 > 524.8	9.42e3	9.42e3	1.000	0.1250	5.87	5.65	12.5	100	100.0

Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-6.qld

Last Altered: Monday, March 19, 2018 09:28:03 Pacific Daylight Time

Printed: Monday, March 19, 2018 09:29:41 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

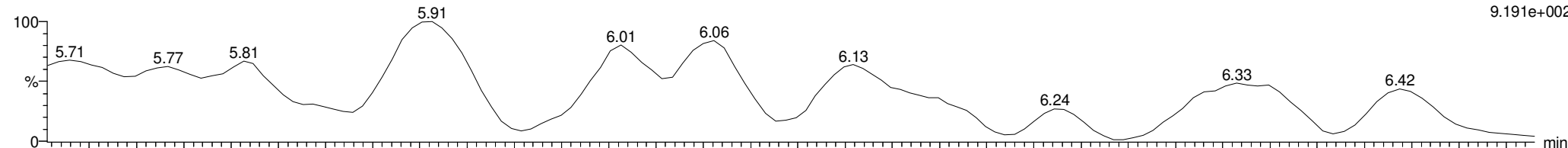
Name: 180317M1\_6, Date: 17-Mar-2018, Time: 20:43:12, ID: B8C0101-BLK1 Method Blank 0.125, Description: Method Blank

**PFD<sub>o</sub>A**

180317M1\_6 Smooth(Mn,1x2)

Method Blank B8C0101-BLK1 Method Blank 0.125

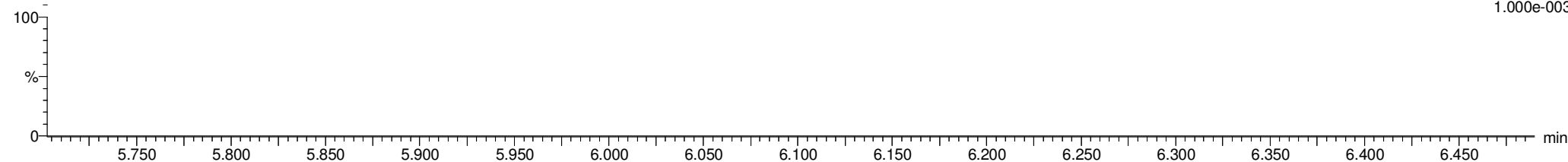
F53:MRM of 4 channels,ES-  
612.9 > 569.0  
9.191e+002



180317M1\_6 Smooth(Mn,1x2)

Method Blank B8C0101-BLK1 Method Blank 0.125

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

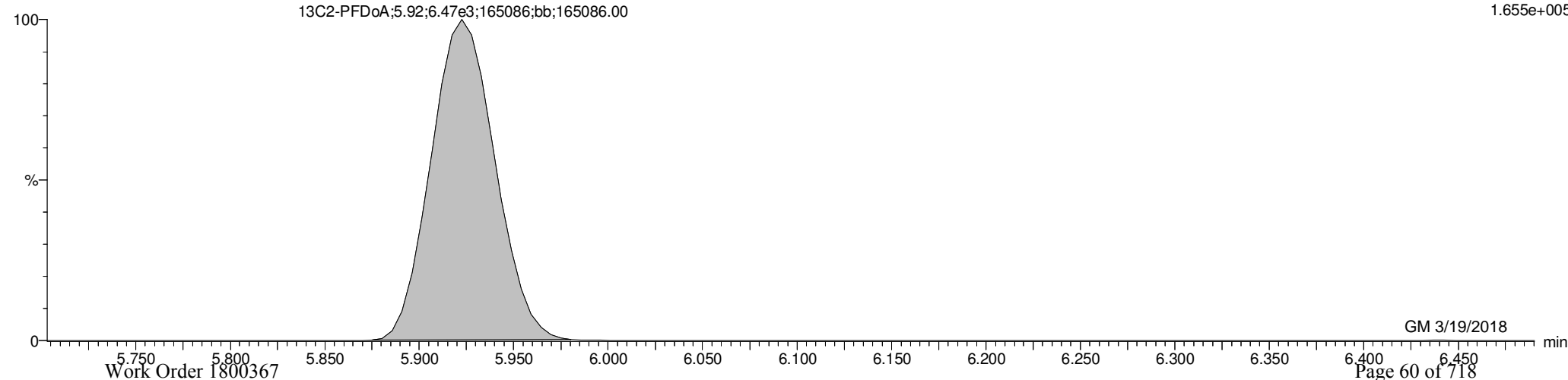


**13C2-PFD<sub>o</sub>A**

180317M1\_6 Smooth(Mn,1x2)

Method Blank B8C0101-BLK1 Method Blank 0.125

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
1.655e+005



Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-6.qld

Last Altered: Monday, March 19, 2018 09:28:03 Pacific Daylight Time

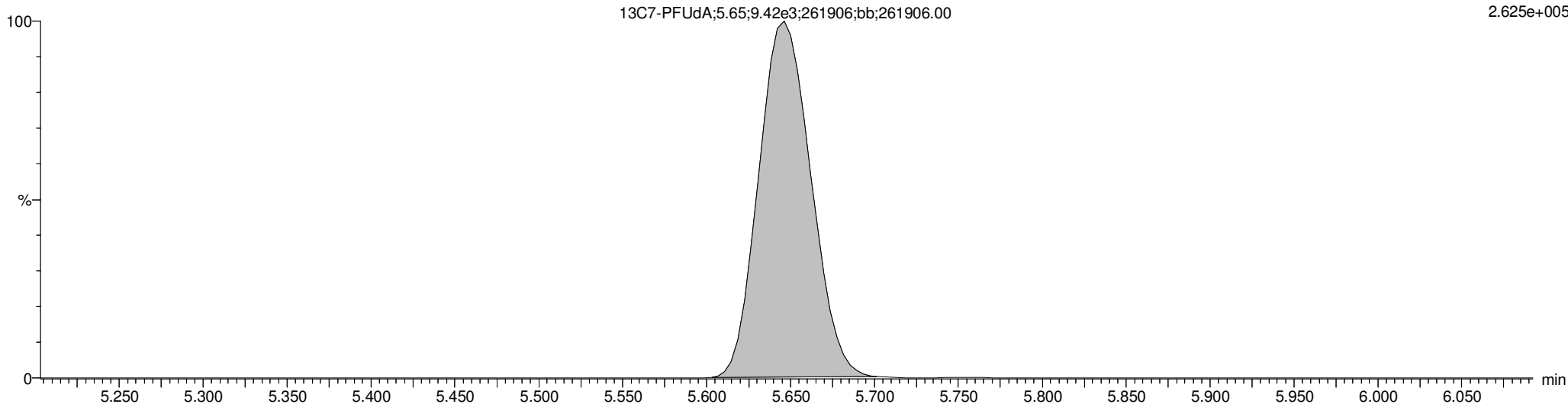
Printed: Monday, March 19, 2018 09:29:41 Pacific Daylight Time

Name: 180317M1\_6, Date: 17-Mar-2018, Time: 20:43:12, ID: B8C0101-BLK1 Method Blank 0.125, Description: Method Blank

13C7-PFUdA

180317M1\_6 Smooth(Mn,1x2)  
Method Blank B8C0101-BLK1 Method Blank 0.125

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
2.625e+005



Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-4.qld

Last Altered: Monday, March 19, 2018 09:20:58 Pacific Daylight Time

Printed: Monday, March 19, 2018 09:25:28 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_4, Date: 17-Mar-2018, Time: 20:20:21, ID: B8C0101-BS1 OPR 0.125, Description: OPR

	# Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	25 PFDoA	612.9 > 569.0	7.42e3	5.57e3		0.1250	6.14	5.93	16.7	85.5	106.9
2	50 13C2-PFDoA	615.0 > 569.7	5.57e3	1.10e4	0.875	0.1250	6.14	5.93	6.35	58.0	58.0
3	64 13C7-PFUdA	570.1 > 524.8	1.10e4	1.10e4	1.000	0.1250	5.87	5.65	12.5	100	100.0

Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-4.qld

Last Altered: Monday, March 19, 2018 09:20:58 Pacific Daylight Time

Printed: Monday, March 19, 2018 09:25:28 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

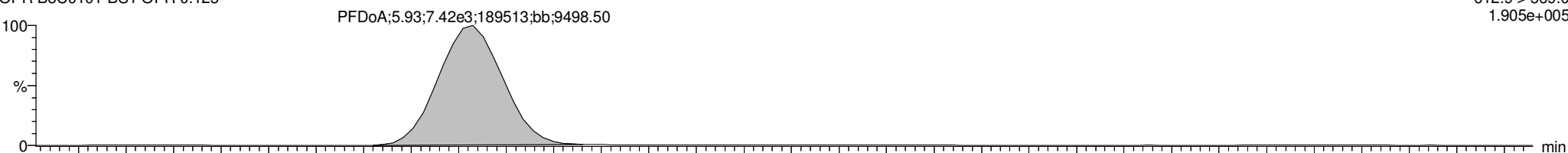
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_4, Date: 17-Mar-2018, Time: 20:20:21, ID: B8C0101-BS1 OPR 0.125, Description: OPR

### PFDoA

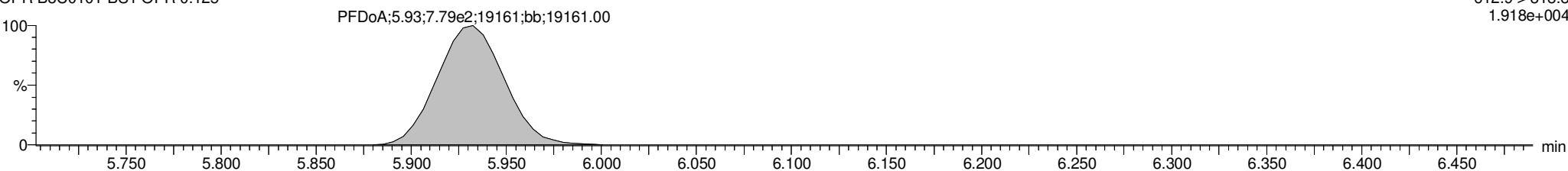
180317M1\_4 Smooth(Mn,1x2)  
OPR B8C0101-BS1 OPR 0.125

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
1.905e+005



180317M1\_4 Smooth(Mn,1x2)  
OPR B8C0101-BS1 OPR 0.125

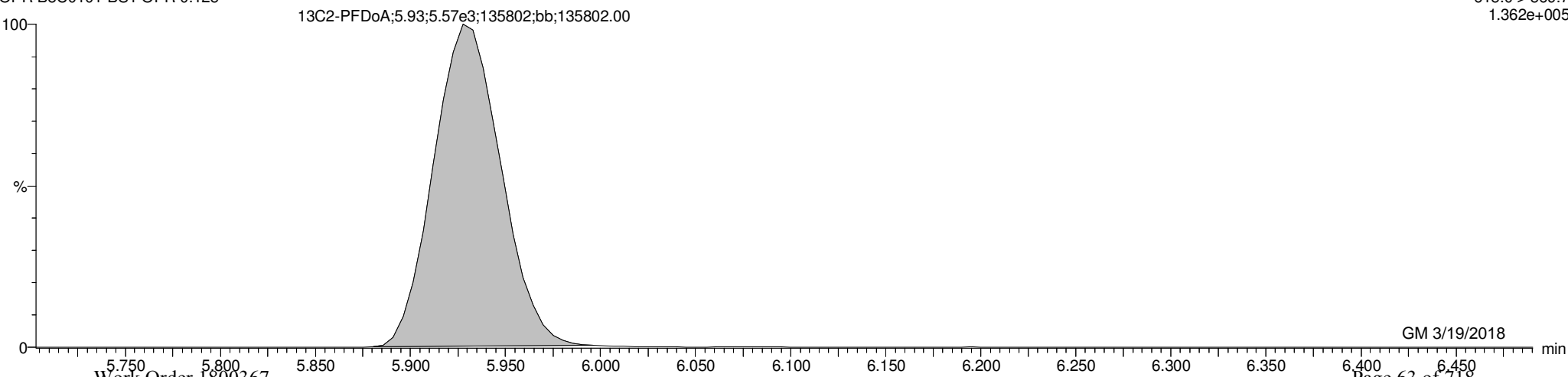
F53:MRM of 4 channels,ES-  
612.9 > 318.8  
1.918e+004



### 13C2-PFDoA

180317M1\_4 Smooth(Mn,1x2)  
OPR B8C0101-BS1 OPR 0.125

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
1.362e+005





Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-4.qld

Last Altered: Monday, March 19, 2018 09:20:58 Pacific Daylight Time

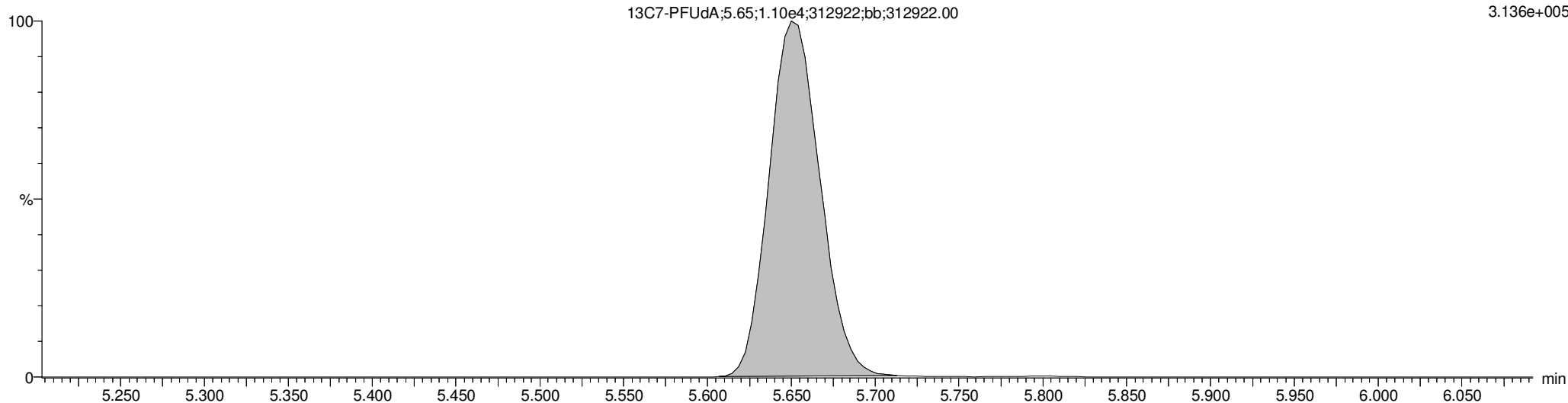
Printed: Monday, March 19, 2018 09:25:28 Pacific Daylight Time

Name: 180317M1\_4, Date: 17-Mar-2018, Time: 20:20:21, ID: B8C0101-BS1 OPR 0.125, Description: OPR

**13C7-PFUdA**

180317M1\_4 Smooth(Mn,1x2)  
OPR B8C0101-BS1 OPR 0.125

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
3.136e+005



Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-5.qld

Last Altered: Monday, March 19, 2018 09:27:02 Pacific Daylight Time

Printed: Monday, March 19, 2018 09:27:42 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_5, Date: 17-Mar-2018, Time: 20:31:45, ID: B8C0101-BSD1 LCSD 0.125, Description: LCSD

	# Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	25 PFDoA	612.9 > 569.0	8.09e3	7.36e3		0.1250	6.14	5.93	13.7	70.4	88.0
2	50 13C2-PFDoA	615.0 > 569.7	7.36e3	1.15e4	0.875	0.1250	6.14	5.92	8.02	73.3	73.3
3	64 13C7-PFUdA	570.1 > 524.8	1.15e4	1.15e4	1.000	0.1250	5.87	5.65	12.5	100	100.0

Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-5.qld

Last Altered: Monday, March 19, 2018 09:27:02 Pacific Daylight Time

Printed: Monday, March 19, 2018 09:27:42 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

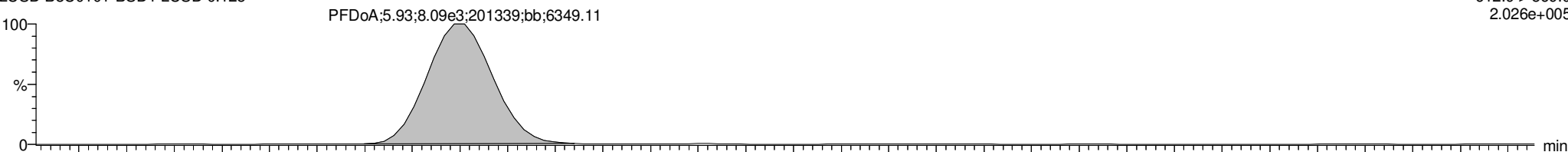
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_5, Date: 17-Mar-2018, Time: 20:31:45, ID: B8C0101-BSD1 LCSD 0.125, Description: LCSD

**PFD0A**

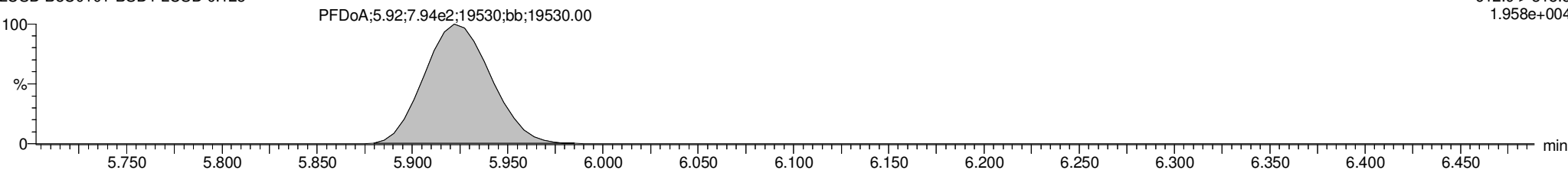
180317M1\_5 Smooth(Mn,1x2)  
LCSD B8C0101-BSD1 LCSD 0.125

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
2.026e+005



180317M1\_5 Smooth(Mn,1x2)  
LCSD B8C0101-BSD1 LCSD 0.125

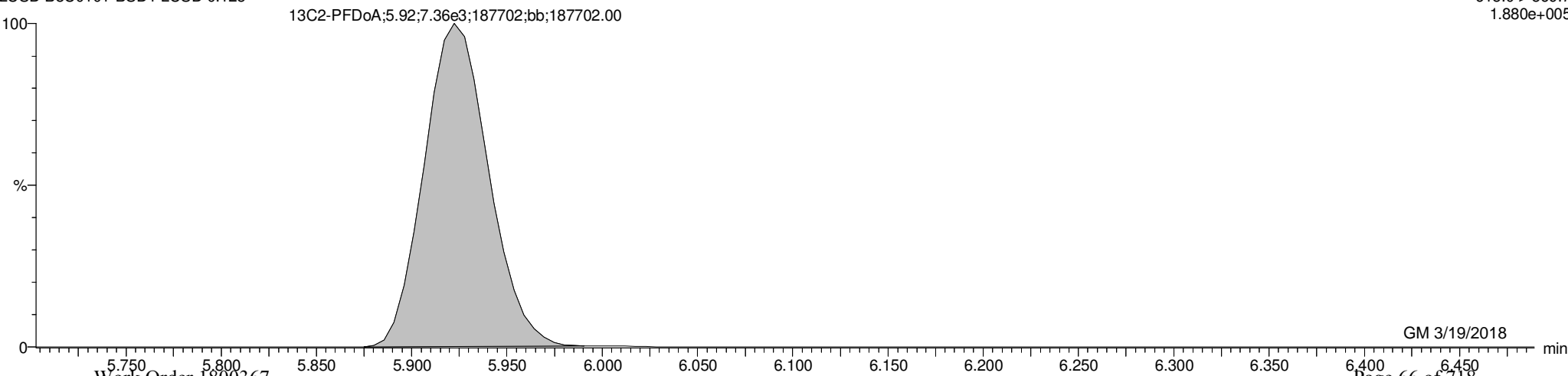
F53:MRM of 4 channels,ES-  
612.9 > 318.8  
1.958e+004



**13C2-PFD0A**

180317M1\_5 Smooth(Mn,1x2)  
LCSD B8C0101-BSD1 LCSD 0.125

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
1.880e+005



Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-5.qld

Last Altered: Monday, March 19, 2018 09:27:02 Pacific Daylight Time

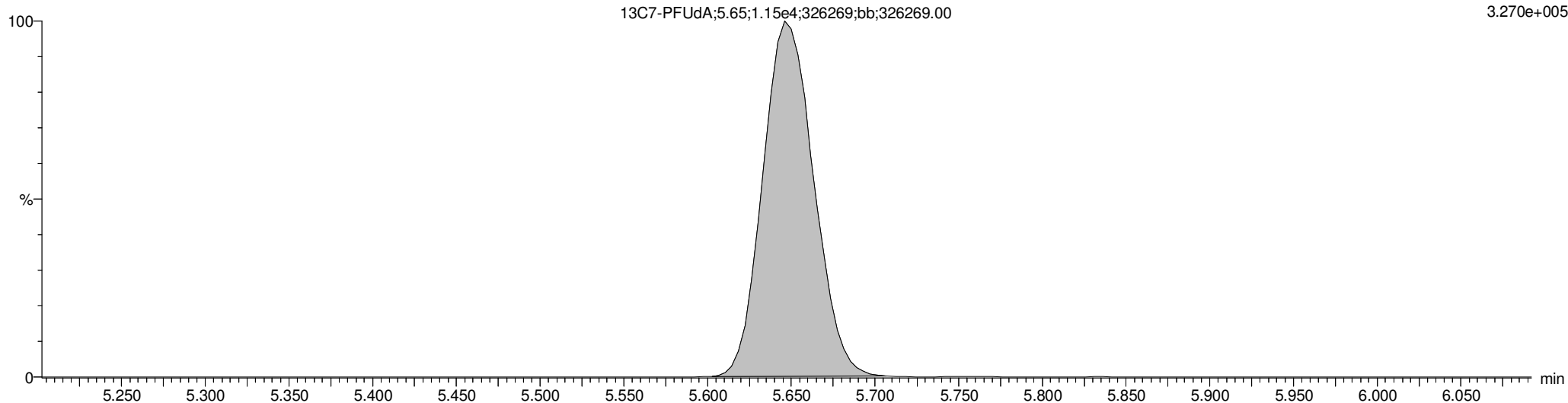
Printed: Monday, March 19, 2018 09:27:42 Pacific Daylight Time

Name: 180317M1\_5, Date: 17-Mar-2018, Time: 20:31:45, ID: B8C0101-BSD1 LCSD 0.125, Description: LCSD

**13C7-PFUdA**

180317M1\_5 Smooth(Mn,1x2)  
LCSD B8C0101-BSD1 LCSD 0.125

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
3.270e+005



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-36.qld

Last Altered: Thursday, March 15, 2018 17:51:43 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:52:14 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_36, Date: 08-Mar-2018, Time: 14:15:49, ID: 1800367-01 WI-A06-EB01-0218 0.12311, Description: WI-A06-EB01-0218

	# 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	0.123		2.98				
2	5 PFHxA	313.2 > 268.9		4.70e3	0.123		3.48				
3	7 PFHpA	363.0 > 318.9		1.15e4	0.123		4.10				
4	8 L-PFHxS	398.9 > 79.6	1.95e0	1.40e3	0.123		4.24	3.96	0.0174	0.1611	
5	11 L-PFOA	413 > 368.7		1.69e4	0.123		4.45				
6	14 PFNA	463.0 > 418.8		1.50e4	0.123		5.04				
7	16 L-PFOS	499 > 79.9		3.67e3	0.123		4.84				
8	18 PFDA	513 > 468.8		1.25e4	0.123		5.40				
9	21 N-MeFOSAA	570.1 > 419		5.26e3	0.123		5.55				
10	22 N-EtFOSAA	584.2 > 419		5.32e3	0.123		5.70				
11	23 PFUdA	563.0 > 518.9		1.33e4	0.123		5.72				

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-36.qld

Last Altered: Thursday, March 15, 2018 17:51:43 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:52:23 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_36, Date: 08-Mar-2018, Time: 14:15:49, ID: 1800367-01 WI-A06-EB01-0218 0.12311, Description: WI-A06-EB01-0218

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	27	PFTrDA	662.9 > 618.9	1.04e4	0.123		6.22					
2	28	PFTeDA	712.9 > 668.8	4.83e3	0.123		6.41					
3	36	13C3-PFBS	302. > 98.8	1.74e3	1.72e4	0.123	0.101	2.98	2.70	1.27	101.8530	100.3
4	37	13C2-PFHxA	315 > 269.8	4.70e3	1.72e4	0.123	0.744	3.48	3.19	3.41	37.2238	91.7
5	38	13C4-PFHpA	367.2 > 321.8	1.15e4	1.72e4	0.123	0.740	4.10	3.80	8.33	91.4667	90.1
6	39	18O2-PFHxS	403.0 > 102.6	1.40e3	3.62e3	0.123	0.424	4.24	3.95	4.83	92.4695	91.1
7	40	13C2-6:2 FTS	429.1 > 408.9	3.71e3	1.67e4	0.123	0.254	4.56	4.27	2.77	88.7156	87.4
8	41	13C2-PFOA	414.9 > 369.7	1.69e4	1.67e4	0.123	1.129	4.61	4.32	12.7	91.0209	89.6
9	42	13C5-PFNA	468.2 > 422.9	1.50e4	1.95e4	0.123	1.006	5.04	4.76	9.58	77.3028	76.1
10	43	13C8-PFOSA	506.1 > 77.7	4.24e2	1.45e4	0.123	0.182	5.09	4.84	0.367	16.3787	16.1
11	44	13C8-PFOS	507.0 > 79.9	3.67e3	4.06e3	0.123	1.049	5.11	4.84	11.3	87.5422	86.2
12	45	13C2-PFDA	515.1 > 469.9	1.25e4	1.60e4	0.123	1.082	5.40	5.13	9.76	73.2826	72.2
13	46	13C2-8:2 FTS	529.1 > 508.7	2.73e3	1.72e4	0.123	0.161	5.38	5.11	1.98	99.9643	98.5
14	47	d3-N-MeFOSAA	573.3 > 419	5.26e3	1.45e4	0.123	0.426	5.55	5.28	4.55	86.6960	85.4
15	48	d5-N-EtFOSAA	589.3 > 419	5.32e3	1.45e4	0.123	0.459	5.70	5.44	4.60	81.3507	80.1
16	49	13C2-PFUdA	565 > 519.8	1.33e4	1.45e4	0.123	1.051	5.72	5.46	11.5	88.9951	87.6
17	50	13C2-PFDoA	615.0 > 569.7	1.04e4	1.45e4	0.123	0.827	5.99	5.74	9.02	88.5605	87.2
18	51	d3-N-MeFOSA	515.2 > 168.9		1.45e4	0.123	0.107	5.93				
19	52	13C2-PFTeDA	714.8 > 669.6	4.83e3	1.45e4	0.123	0.514	6.41	6.21	4.17	65.9327	64.9
20	53	d5-N-ETFOSA	531.1 > 168.9		1.45e4	0.123	0.152	6.25				
21	54	13C2-PFHxDA	815 > 769.7	2.23e3	1.45e4	0.123	1.185	6.69	6.55	1.93	13.2335	32.6
22	55	d7-N-MeFOSE	623.1 > 58.9		1.45e4	0.123	0.122	6.31				
23	56	d9-N-EtFOSE	639.2 > 58.8		1.45e4	0.123	0.109	6.45				
24	57	13C4-PFBA	217. > 171.8	1.11e4	1.11e4	0.123	1.000	1.73	1.46	12.5	101.5352	100.0
25	58	13C5-PFHxA	318 > 272.9	1.72e4	1.72e4	0.123	1.000	3.48	3.19	12.5	101.5352	100.0
26	59	13C3-PFHxS	401.9 > 79.9	3.62e3	3.62e3	0.123	1.000	4.24	3.95	12.5	101.5352	100.0
27	60	13C8-PFOA	421.3 > 376	1.67e4	1.67e4	0.123	1.000	4.61	4.33	12.5	101.5352	100.0
28	61	13C9-PFNA	472.2 > 426.9	1.95e4	1.95e4	0.123	1.000	4.70	4.76	12.5	101.5352	100.0
29	62	13C4-PFOS	503 > 79.9	4.06e3	4.06e3	0.123	1.000	5.11	4.84	12.5	101.5352	100.0
30	63	13C6-PFDA	519.1 > 473.7	1.60e4	1.60e4	0.123	1.000	5.40	5.13	12.5	101.5352	100.0
31	64	13C7-PFUdA	570.1 > 524.8	1.45e4	1.45e4	0.123	1.000	5.72	5.46	12.5	101.5352	100.0
32	65	Total PFHxS	398.9 > 79.6	1.95e0	1.40e3	0.123		4.24		0.0174	0.1611	

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-36.qld

Last Altered: Thursday, March 15, 2018 17:51:43 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:52:23 Pacific Daylight Time

Name: 180307M2\_36, Date: 08-Mar-2018, Time: 14:15:49, ID: 1800367-01 WI-A06-EB01-0218 0.12311, Description: WI-A06-EB01-0218

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
33	66 Total PFOA	413 > 368.7	0.00e0	1.69e4	0.123		4.61		0.000		
34	67 Total PFOS	499 > 79.9	0.00e0	3.67e3	0.123		5.11		0.000		
35	68 Total N-MeFOSAA	570.1 > 419	0.00e0	5.26e3	0.123		5.55		0.000		
36	69 Total N-EtFOSAA	584.2 > 419	0.00e0	5.32e3	0.123		5.70		0.000		

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-36.qld

Last Altered: Thursday, March 15, 2018 17:51:43 Pacific Daylight Time

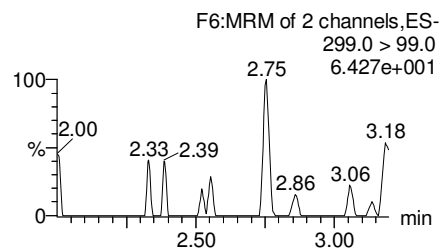
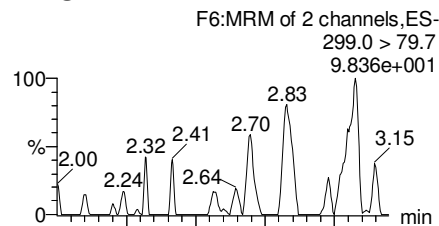
Printed: Thursday, March 15, 2018 17:52:23 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

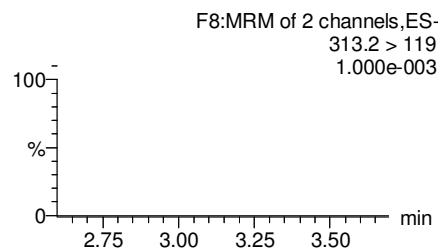
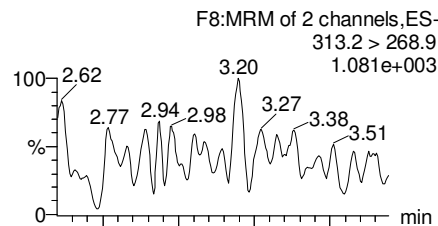
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_36, Date: 08-Mar-2018, Time: 14:15:49, ID: 1800367-01 WI-A06-EB01-0218 0.12311, Description: WI-A06-EB01-0218

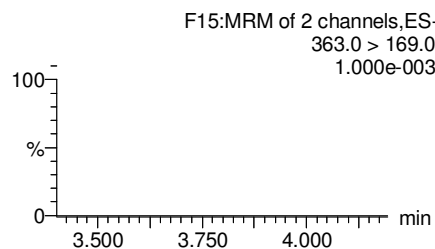
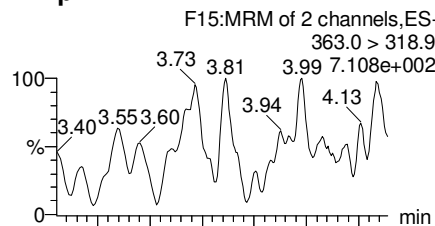
PFBS



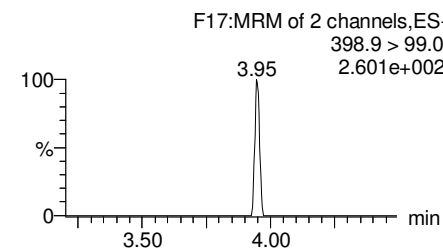
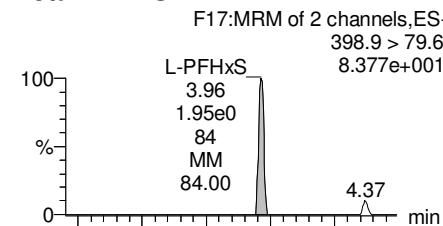
PFHxA



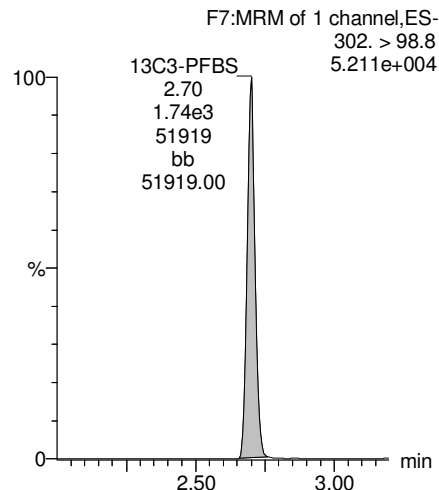
PFHpA



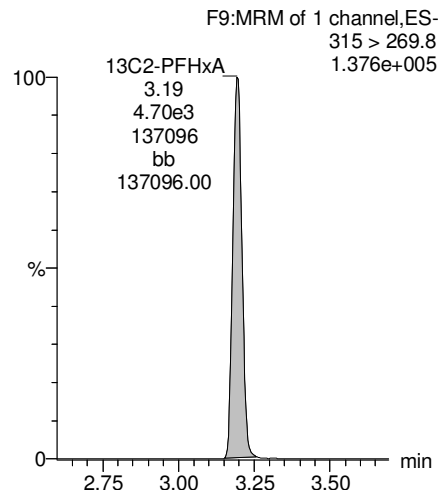
Total PFHxS



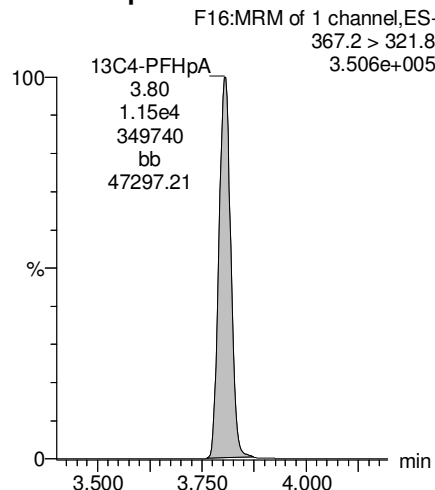
13C3-PFBS



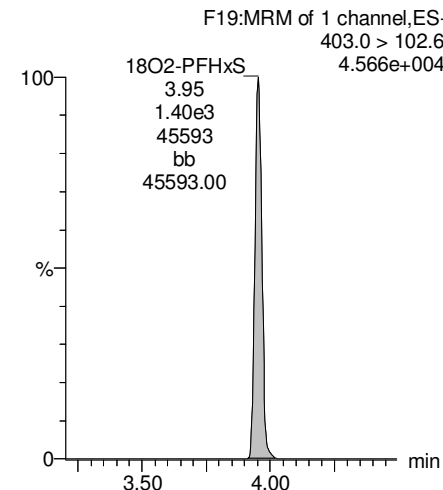
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS





Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-36.qld

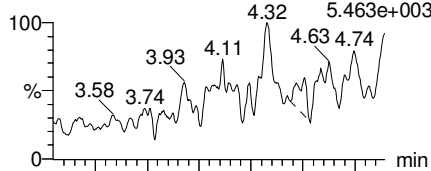
Last Altered: Thursday, March 15, 2018 17:51:43 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:52:23 Pacific Daylight Time

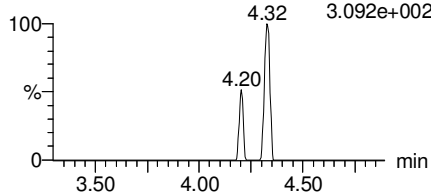
Name: 180307M2\_36, Date: 08-Mar-2018, Time: 14:15:49, ID: 1800367-01 WI-A06-EB01-0218 0.12311, Description: WI-A06-EB01-0218

**Total PFOA**

F20:MRM of 2 channels,ES-  
413 > 368.7  
5.463e+003

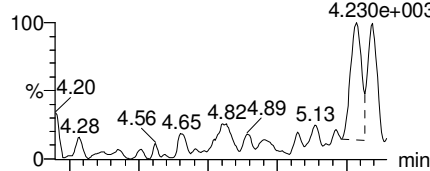


F20:MRM of 2 channels,ES-  
413 > 169  
3.092e+002

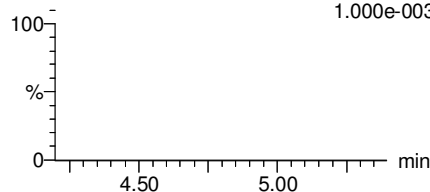


**PFNA**

F26:MRM of 2 channels,ES-  
463.0 > 418.8  
4.230e+003

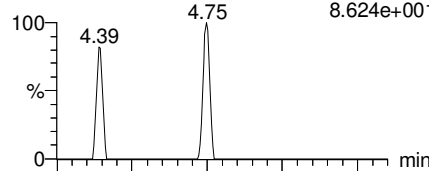


F26:MRM of 2 channels,ES-  
463.0 > 219.0  
1.000e-003

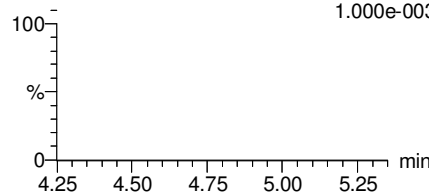


**Total PFOS**

F31:MRM of 2 channels,ES-  
499 > 79.9  
8.624e+001

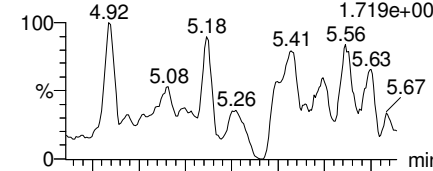


F31:MRM of 2 channels,ES-  
499 > 99  
1.000e-003

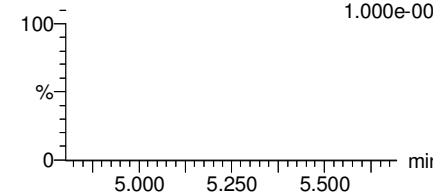


**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
1.719e+003

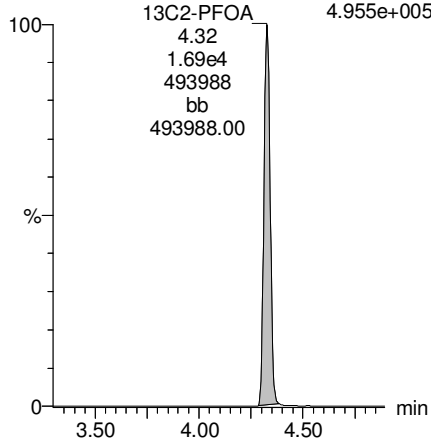


F36:MRM of 2 channels,ES-  
513 > 219  
1.000e-003



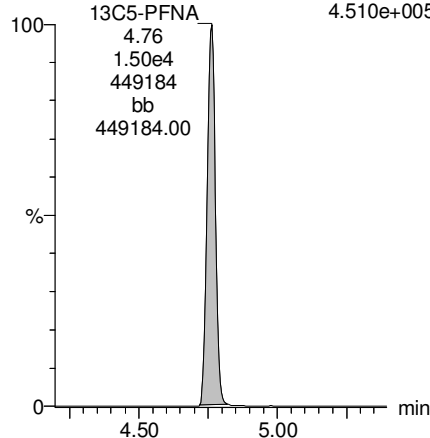
**13C2-PFOA**

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
4.955e+005



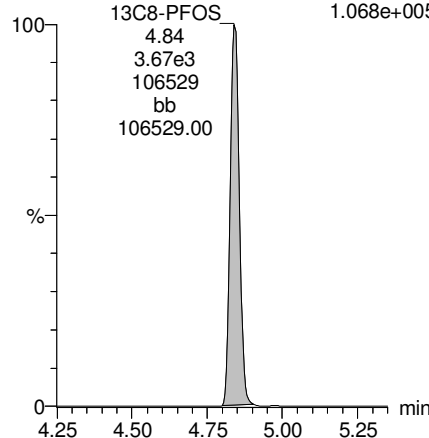
**13C5-PFNA**

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
4.510e+005



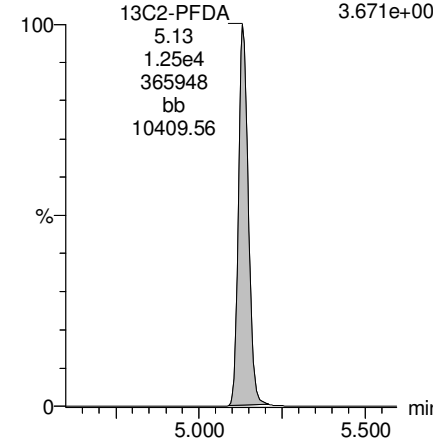
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
1.068e+005



**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
3.671e+005



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-36.qld

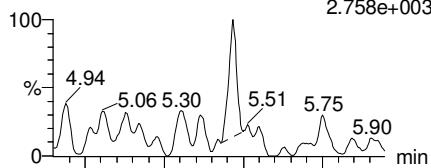
Last Altered: Thursday, March 15, 2018 17:51:43 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:52:23 Pacific Daylight Time

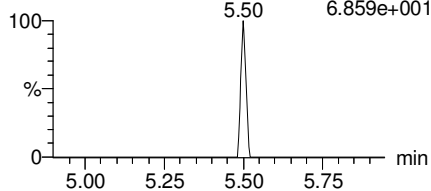
Name: 180307M2\_36, Date: 08-Mar-2018, Time: 14:15:49, ID: 1800367-01 WI-A06-EB01-0218 0.12311, Description: WI-A06-EB01-0218

**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
2.758e+003

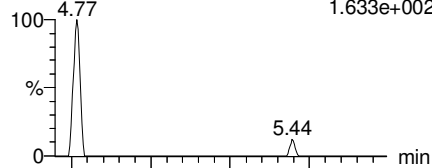


F45:MRM of 2 channels,ES-  
563.0 > 269  
6.859e+001

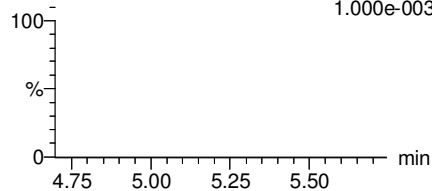


**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
1.633e+002

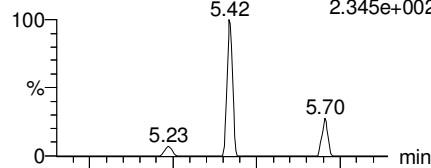


F47:MRM of 2 channels,ES-  
570.1 > 483.0  
1.000e-003

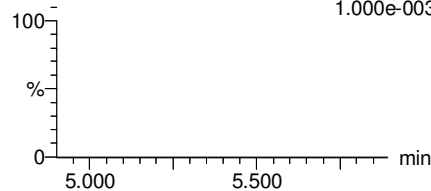


**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
2.345e+002

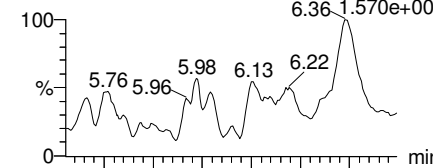


F50:MRM of 2 channels,ES-  
584.2 > 483.0  
1.000e-003

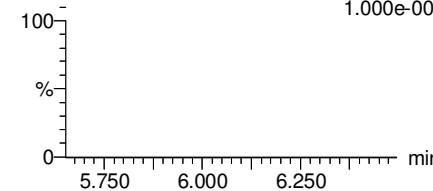


**PFTrDA**

F59:MRM of 2 channels,ES-  
662.9 > 618.9  
6.336-1.570e+003

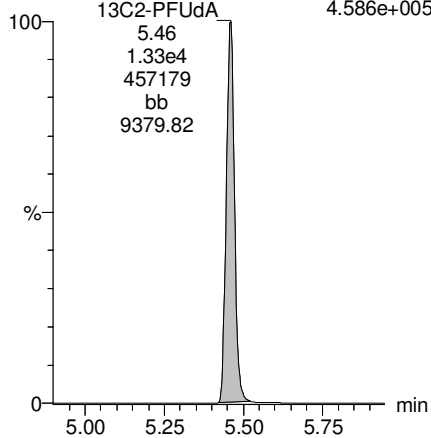


F59:MRM of 2 channels,ES-  
662.9 > 319  
1.000e-003



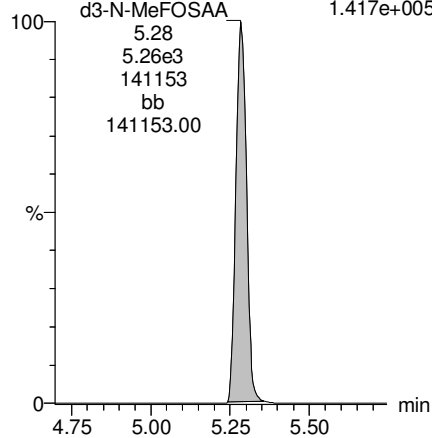
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
4.586e+005



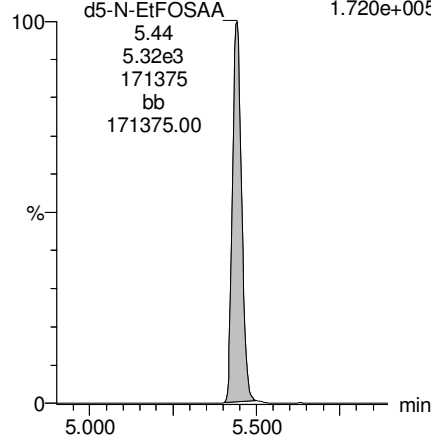
**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
1.417e+005



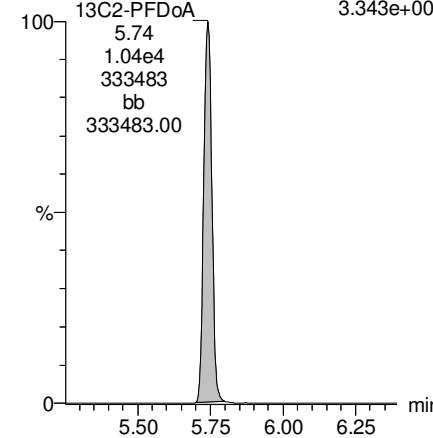
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
1.720e+005



**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
3.343e+005



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-36.qld

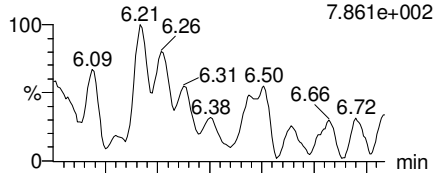
Last Altered: Thursday, March 15, 2018 17:51:43 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:52:23 Pacific Daylight Time

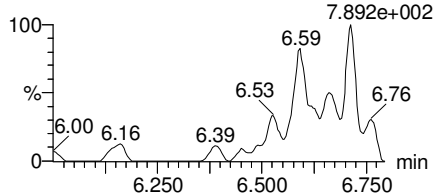
Name: 180307M2\_36, Date: 08-Mar-2018, Time: 14:15:49, ID: 1800367-01 WI-A06-EB01-0218 0.12311, Description: WI-A06-EB01-0218

**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
7.861e+002

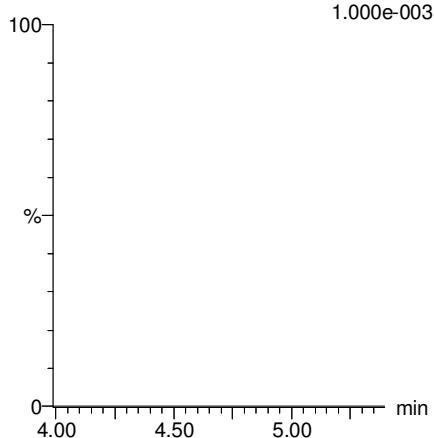


F60:MRM of 2 channels,ES-  
712.9 > 369  
7.892e+002



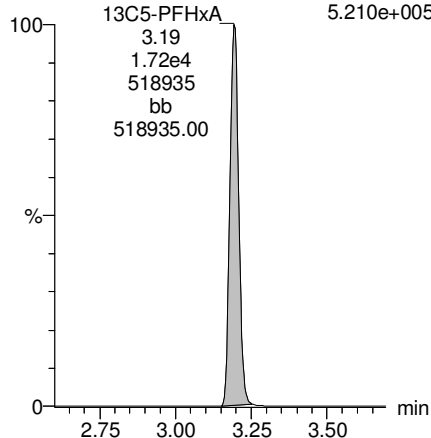
**TCDA**

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



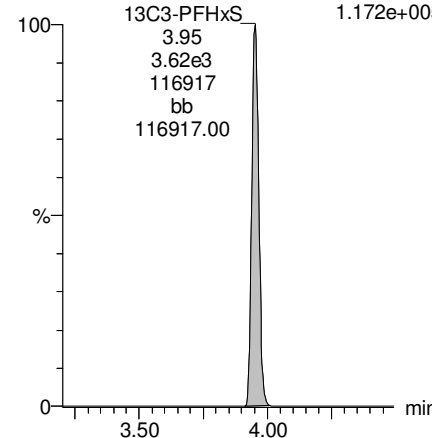
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
5.210e+005



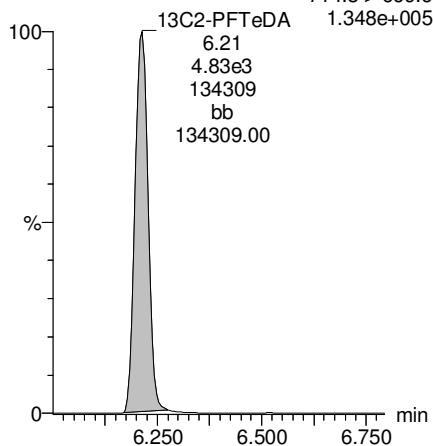
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
1.172e+005



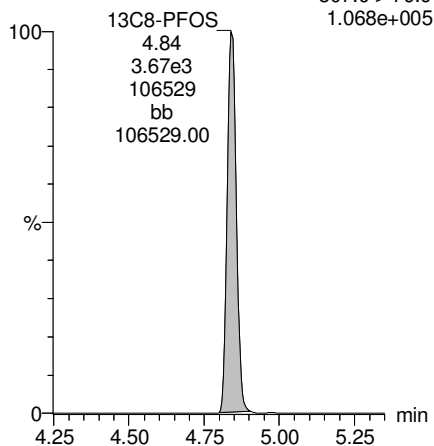
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
1.348e+005



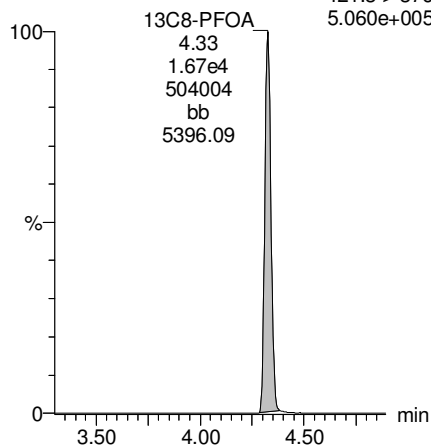
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
1.068e+005



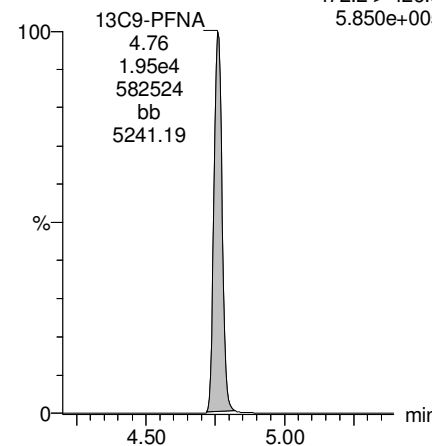
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
5.060e+005



**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
5.850e+005



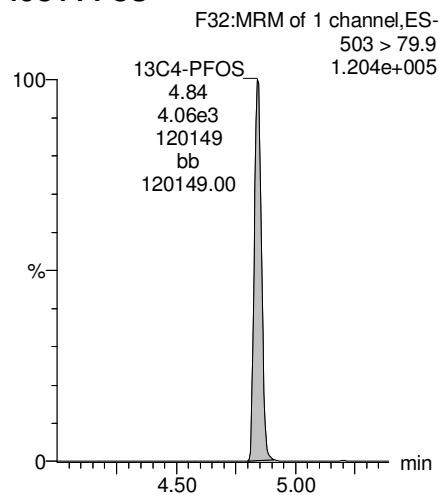
Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-36.qld

Last Altered: Thursday, March 15, 2018 17:51:43 Pacific Daylight Time

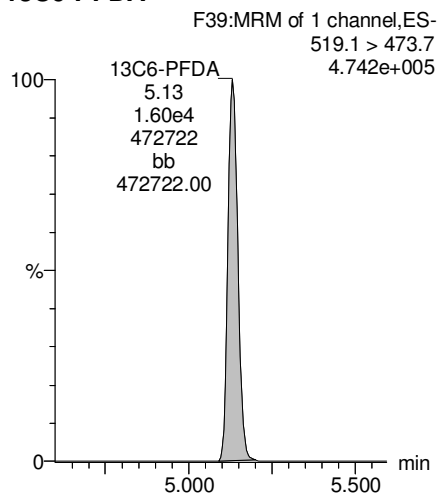
Printed: Thursday, March 15, 2018 17:52:23 Pacific Daylight Time

Name: 180307M2\_36, Date: 08-Mar-2018, Time: 14:15:49, ID: 1800367-01 WI-A06-EB01-0218 0.12311, Description: WI-A06-EB01-0218

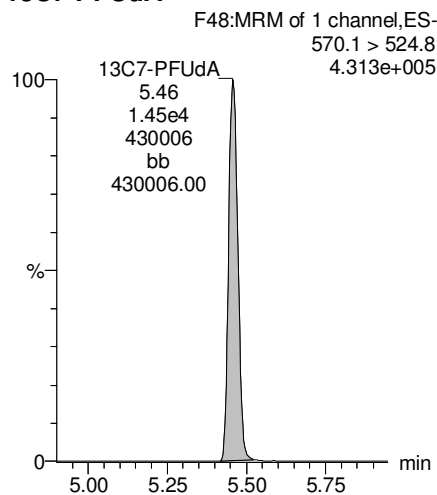
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-17.qld

Last Altered: Monday, March 19, 2018 13:31:53 Pacific Daylight Time

Printed: Monday, March 19, 2018 13:32:48 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_17, Date: 17-Mar-2018, Time: 22:49:13, ID: 1800367-01RE1 WI-A06-EB01-0218 0.12311, Description: WI-A06-EB01-0218

	# Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	25 PFDoA	612.9 > 569.0		6.35e3		0.1203	6.14				
2	50 13C2-PFDoA	615.0 > 569.7	6.35e3	1.17e4	0.875	0.1203	6.14	5.92	6.78	64.4	62.0
3	64 13C7-PFUdA	570.1 > 524.8	1.17e4	1.17e4	1.000	0.1203	5.87	5.64	12.5	104	100.0

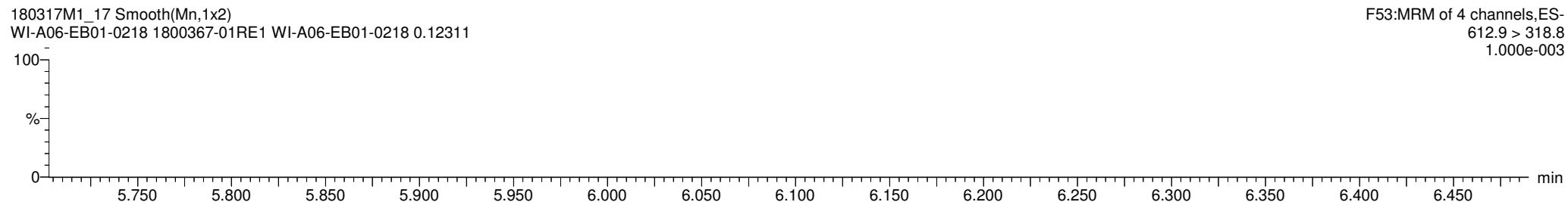
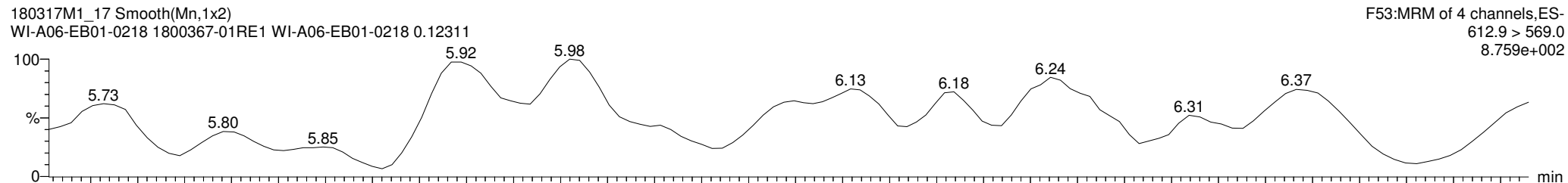
Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-17.qld

Last Altered: Monday, March 19, 2018 13:31:53 Pacific Daylight Time  
Printed: Monday, March 19, 2018 13:32:48 Pacific Daylight Time

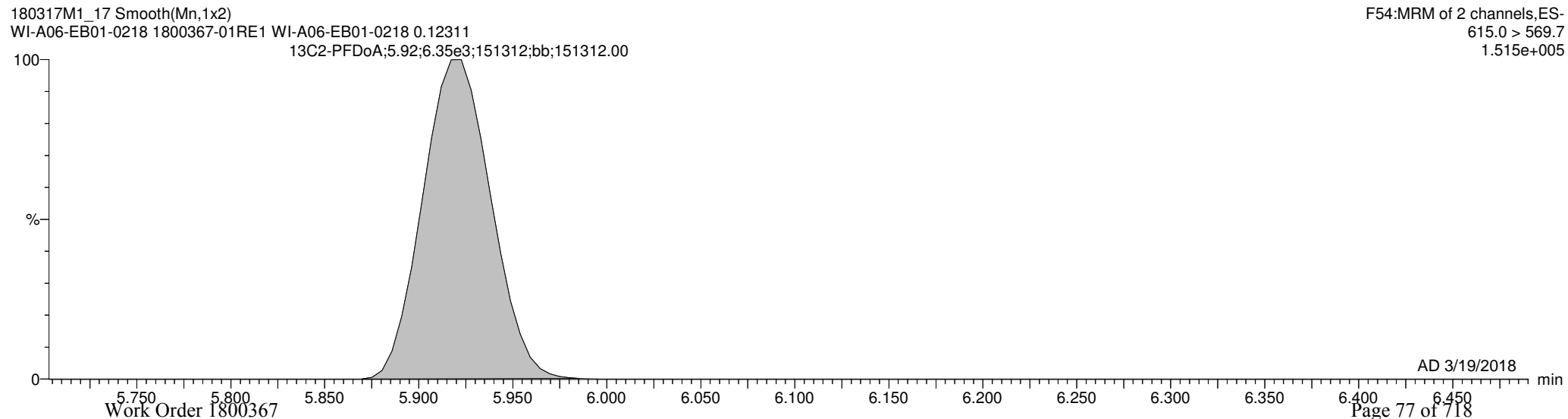
Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07  
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_17, Date: 17-Mar-2018, Time: 22:49:13, ID: 1800367-01RE1 WI-A06-EB01-0218 0.12311, Description: WI-A06-EB01-0218

**PFD0A**



**13C2-PFD0A**



Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-17.qld

Last Altered: Monday, March 19, 2018 13:31:53 Pacific Daylight Time

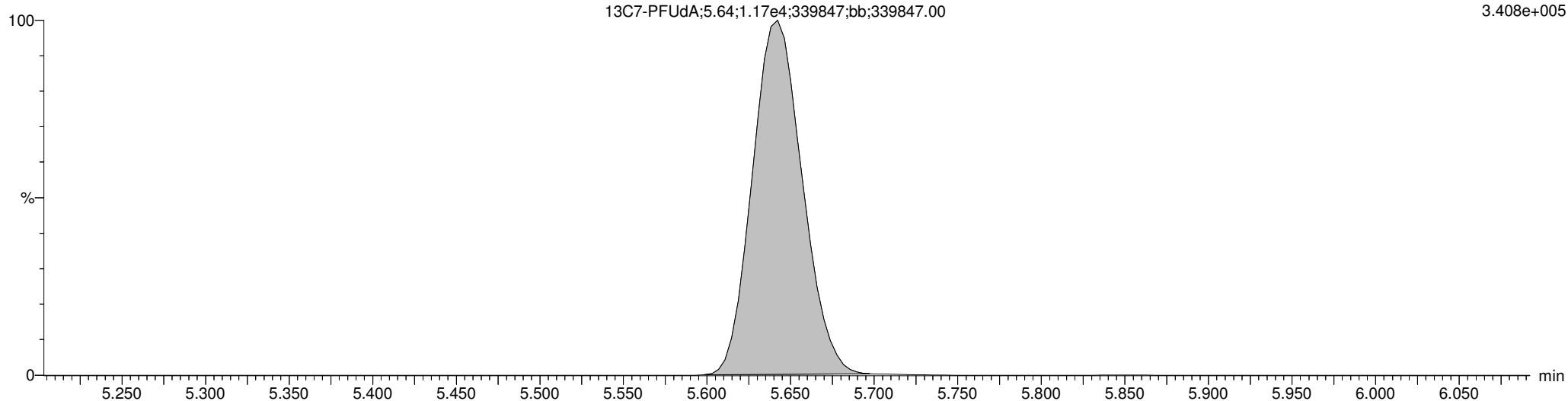
Printed: Monday, March 19, 2018 13:32:48 Pacific Daylight Time

Name: 180317M1\_17, Date: 17-Mar-2018, Time: 22:49:13, ID: 1800367-01RE1 WI-A06-EB01-0218 0.12311, Description: WI-A06-EB01-0218

13C7-PFUDa

180317M1\_17 Smooth(Mn,1x2)  
WI-A06-EB01-0218 1800367-01RE1 WI-A06-EB01-0218 0.12311

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
3.408e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M2\180312M2-37.qld

Last Altered: Thursday, March 15, 2018 17:48:36 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:49:10 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_37, Date: 13-Mar-2018, Time: 04:31:16, ID: 1800367-02 WI-A06-MW03B-0218 0.11921, Description: WI-A06-MW03B-0218

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7	2.74e1	1.24e3	0.119		2.98	2.61	0.275	1.3254	
2	5 PFHxA	313.2 > 268.9	4.29e2	3.39e3	0.119		3.48	3.10	0.633	3.5531	
3	7 PFHpA	363.0 > 318.9		8.54e3	0.119		4.10				
4	8 L-PFHxS	398.9 > 79.6		8.74e2	0.119		4.24				
5	11 L-PFOA	413 > 368.7		1.18e4	0.119		4.30				
6	14 PFNA	463.0 > 418.8		1.08e4	0.119		5.04				
7	16 L-PFOS	499 > 79.9		2.68e3	0.119		4.84				
8	18 PFDA	513 > 468.8		9.38e3	0.119		5.40				
9	21 N-MeFOSAA	570.1 > 419		3.59e3	0.119		5.55				
10	22 N-EtFOSAA	584.2 > 419		3.57e3	0.119		5.70				
11	23 PFUdA	563.0 > 518.9		9.21e3	0.119		5.72				



Dataset: F:\Projects\PFAS.PRO\Results\180312M2\180312M2-37.qld

Last Altered: Thursday, March 15, 2018 17:48:36 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:49:32 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_37, Date: 13-Mar-2018, Time: 04:31:16, ID: 1800367-02 WI-A06-MW03B-0218 0.11921, Description: WI-A06-MW03B-0218

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	27	PFTrDA	662.9 > 618.9	5.32e3	0.119		6.22					
2	28	PFTeDA	712.9 > 668.8	8.31e2	0.119		6.41					
3	36	13C3-PFBS	302. > 98.8	1.24e3	1.29e4	0.119	0.103	2.98	2.61	1.20	97.6568	93.1
4	37	13C2-PFHxA	315 > 269.8	3.39e3	1.29e4	0.119	0.733	3.48	3.10	3.27	37.5005	89.4
5	38	13C4-PFHpA	367.2 > 321.8	8.54e3	1.29e4	0.119	0.726	4.10	3.71	8.26	95.5346	91.1
6	39	18O2-PFHxS	403.0 > 102.6	8.74e2	2.60e3	0.119	0.402	4.24	3.85	4.20	87.6353	83.6
7	40	13C2-6:2 FTS	429.1 > 408.9	2.90e3	1.36e4	0.119	0.259	4.56	4.17	2.66	86.2979	82.3
8	41	13C2-PFOA	414.9 > 369.7	1.18e4	1.36e4	0.119	1.057	4.61	4.23	10.9	86.1278	82.1
9	42	13C5-PFNA	468.2 > 422.9	1.08e4	1.34e4	0.119	0.933	5.04	4.67	10.0	90.3288	86.1
10	43	13C8-PFOSA	506.1 > 77.7	4.38e2	1.18e4	0.119	0.180	5.09	4.73	0.462	21.5557	20.6
11	44	13C8-PFOS	507.0 > 79.9	2.68e3	2.54e3	0.119	1.028	5.11	4.75	13.2	107.6073	102.6
12	45	13C2-PFDA	515.1 > 469.9	9.38e3	9.68e3	0.119	1.096	5.40	5.04	12.1	92.7043	88.4
13	46	13C2-8:2 FTS	529.1 > 508.7	1.85e3	1.29e4	0.119	0.201	5.38	5.01	1.79	74.7474	71.3
14	47	d3-N-MeFOSAA	573.3 > 419	3.59e3	1.18e4	0.119	0.442	5.55	5.19	3.79	71.9590	68.6
15	48	d5-N-EtFOSAA	589.3 > 419	3.57e3	1.18e4	0.119	0.469	5.70	5.35	3.77	67.3402	64.2
16	49	13C2-PFUdA	565 > 519.8	9.21e3	1.18e4	0.119	1.060	5.72	5.36	9.72	76.9705	73.4
17	50	13C2-PFDoA	615.0 > 569.7	5.32e3	1.18e4	0.119	0.847	5.99	5.65	5.61	55.5507	53.0
18	51	d3-N-MeFOSA	515.2 > 168.9		1.18e4	0.119	0.104	5.93				
19	52	13C2-PFTeDA	714.8 > 669.6	8.31e2	1.18e4	0.119	0.481	6.41	6.12	0.877	15.2846	14.6
20	53	d5-N-ETFOSA	531.1 > 168.9		1.18e4	0.119	0.147	6.25				
21	54	13C2-PFHxDA	815 > 769.7	3.00e2	1.18e4	0.119	1.039	6.69	6.48	0.317	2.5610	6.1
22	55	d7-N-MeFOSE	623.1 > 58.9		1.18e4	0.119	0.110	6.31				
23	56	d9-N-EtFOSE	639.2 > 58.8		1.18e4	0.119	0.108	6.45				
24	57	13C4-PFBA	217. > 171.8	8.85e3	8.85e3	0.119	1.000	1.73	1.35	12.5	104.8570	100.0
25	58	13C5-PFHxA	318 > 272.9	1.29e4	1.29e4	0.119	1.000	3.48	3.10	12.5	104.8570	100.0
26	59	13C3-PFHxS	401.9 > 79.9	2.60e3	2.60e3	0.119	1.000	4.24	3.85	12.5	104.8570	100.0
27	60	13C8-PFOA	421.3 > 376	1.36e4	1.36e4	0.119	1.000	4.61	4.23	12.5	104.8570	100.0
28	61	13C9-PFNA	472.2 > 426.9	1.34e4	1.34e4	0.119	1.000	4.70	4.66	12.5	104.8570	100.0
29	62	13C4-PFOS	503 > 79.9	2.54e3	2.54e3	0.119	1.000	5.11	4.75	12.5	104.8570	100.0
30	63	13C6-PFDA	519.1 > 473.7	9.68e3	9.68e3	0.119	1.000	5.40	5.04	12.5	104.8570	100.0
31	64	13C7-PFUdA	570.1 > 524.8	1.18e4	1.18e4	0.119	1.000	5.72	5.36	12.5	104.8570	100.0
32	65	Total PFHxS	398.9 > 79.6	0.00e0	8.74e2	0.119		4.24		0.000		

Dataset: F:\Projects\PFAS.PRO\Results\180312M2\180312M2-37.qld

Last Altered: Thursday, March 15, 2018 17:48:36 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:49:32 Pacific Daylight Time

Name: 180312M1\_37, Date: 13-Mar-2018, Time: 04:31:16, ID: 1800367-02 WI-A06-MW03B-0218 0.11921, Description: WI-A06-MW03B-0218

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
33	66 Total PFOA	413 > 368.7	0.00e0	1.18e4	0.119		4.25		0.000		
34	67 Total PFOS	499 > 79.9	0.00e0	2.68e3	0.119		4.84		0.000		
35	68 Total N-MeFOSAA	570.1 > 419	0.00e0	3.59e3	0.119		5.55		0.000		
36	69 Total N-EtFOSAA	584.2 > 419	0.00e0	3.57e3	0.119		5.70		0.000		

Dataset: F:\Projects\PFAS.PRO\Results\180312M2\180312M2-37.qld

Last Altered: Thursday, March 15, 2018 17:48:36 Pacific Daylight Time

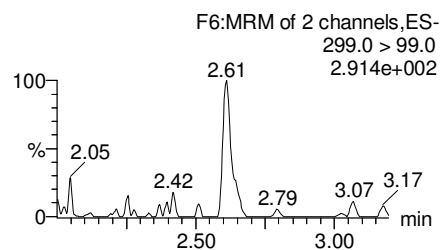
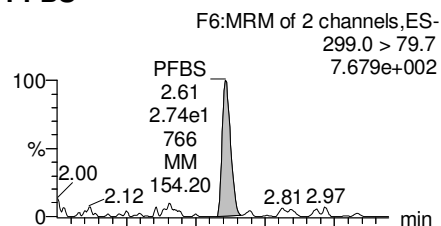
Printed: Thursday, March 15, 2018 17:49:32 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

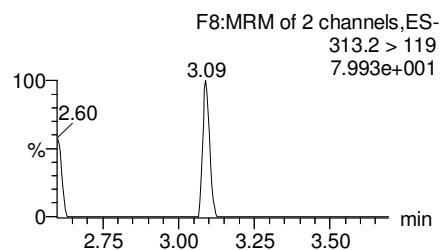
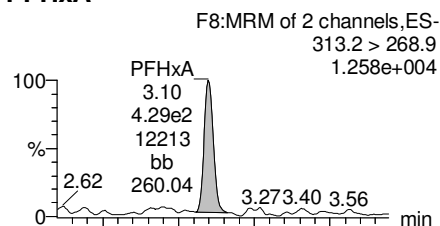
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Name: 180312M1\_37, Date: 13-Mar-2018, Time: 04:31:16, ID: 1800367-02 WI-A06-MW03B-0218 0.11921, Description: WI-A06-MW03B-0218

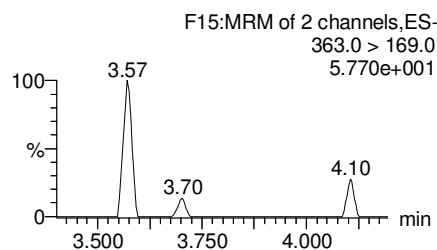
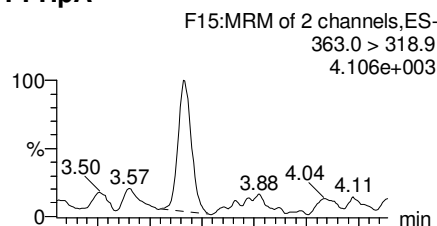
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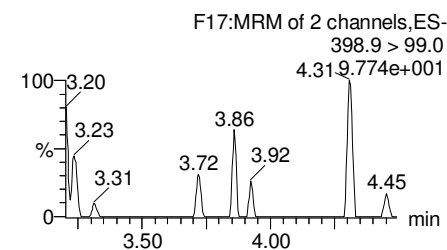
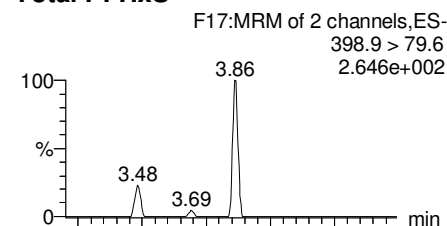
**PFHxA**



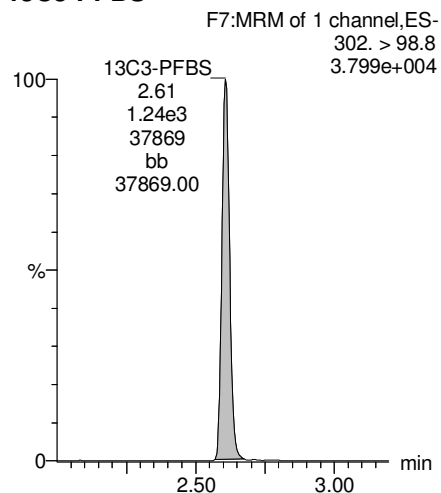
**PFHpA**



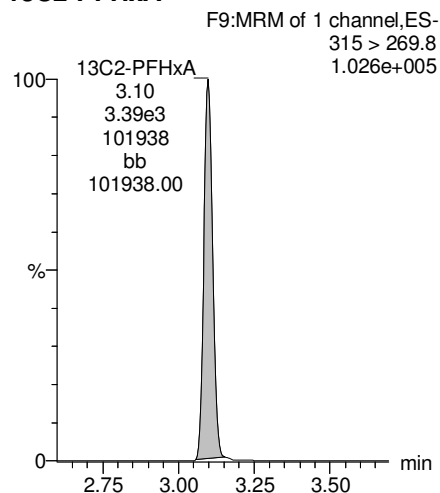
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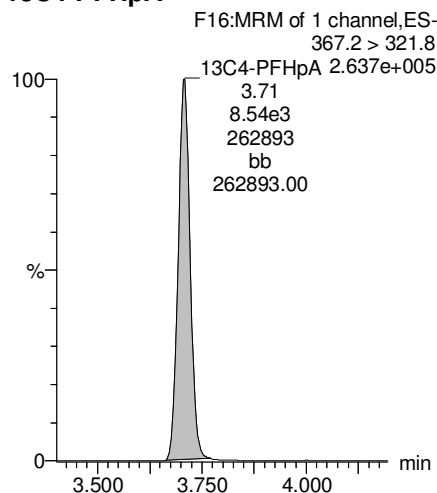
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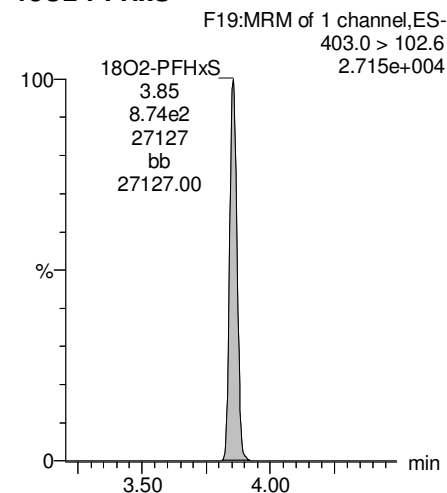
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



Dataset: F:\Projects\PFAS.PRO\Results\180312M2\180312M2-37.qld

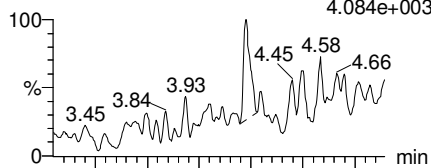
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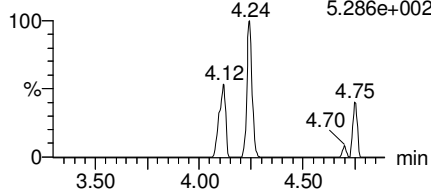
Name: 180312M1\_37, Date: 13-Mar-2018, Time: 04:31:16, ID: 1800367-02 WI-A06-MW03B-0218 0.11921, Description: WI-A06-MW03B-0218

**Total PFOA**

F20:MRM of 2 channels,ES-  
413 > 368.7  
4.084e+003

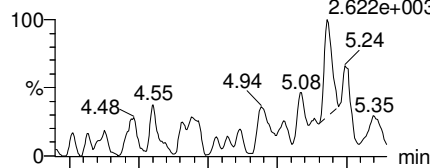


F20:MRM of 2 channels,ES-  
413 > 169  
5.286e+002

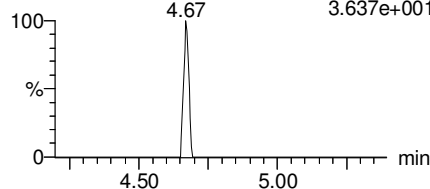


**PFNA**

F26:MRM of 2 channels,ES-  
463.0 > 418.8  
2.622e+003

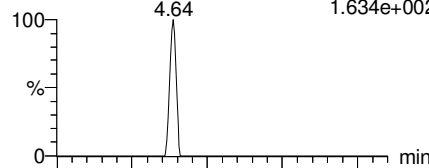


F26:MRM of 2 channels,ES-  
463.0 > 219.0  
3.637e+001

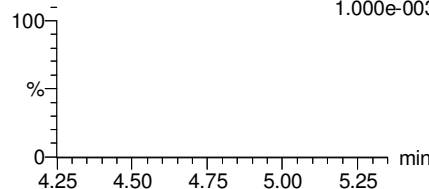


**Total PFOS**

F31:MRM of 2 channels,ES-  
499 > 79.9  
1.634e+002

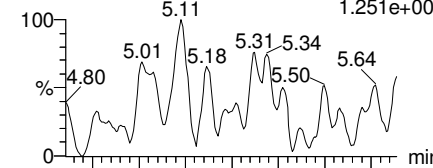


F31:MRM of 2 channels,ES-  
499 > 99  
1.000e-003

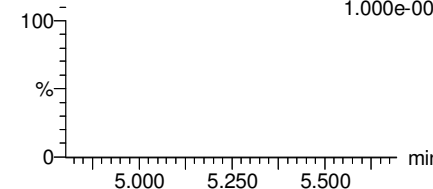


**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
1.251e+003

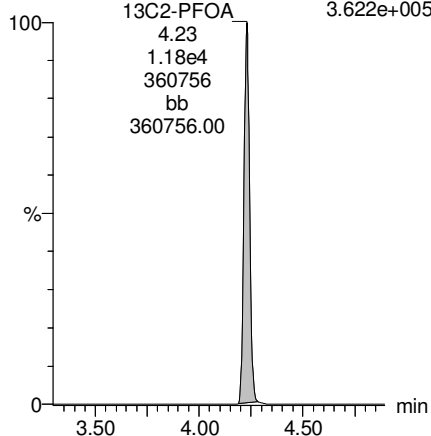


F36:MRM of 2 channels,ES-  
513 > 219  
1.000e-003



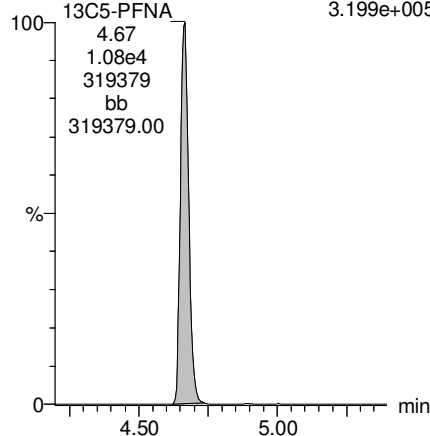
**13C2-PFOA**

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
3.622e+005



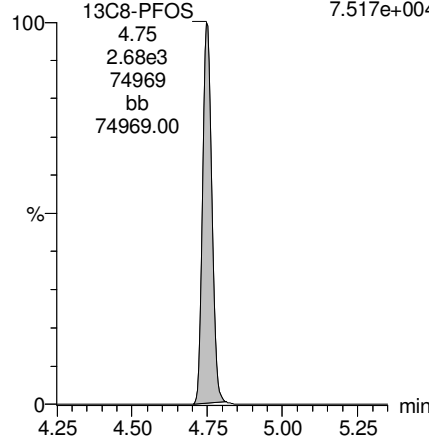
**13C5-PFNA**

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
3.199e+005



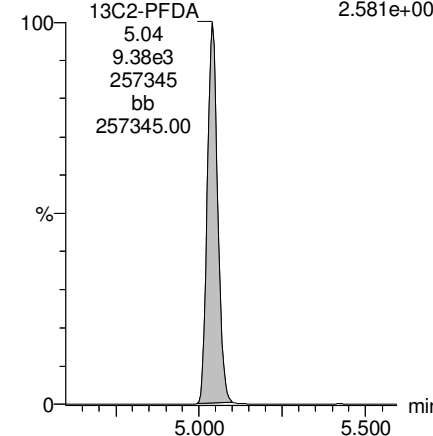
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
7.517e+004



**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
2.581e+005



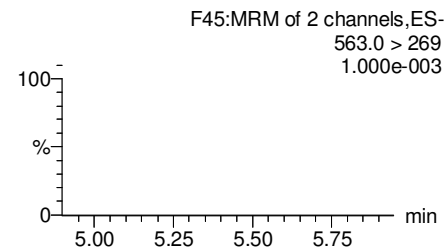
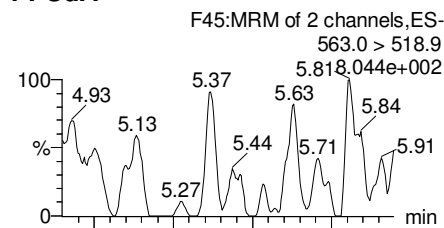
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Last Altered: Thursday, March 15, 2018 17:48:36 Pacific Daylight Time

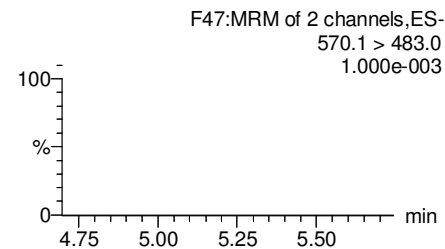
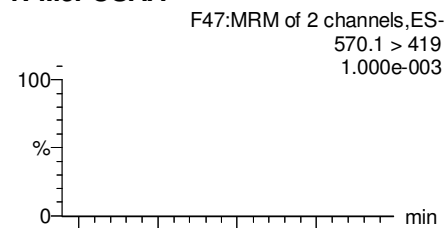
Printed: Thursday, March 15, 2018 17:49:32 Pacific Daylight Time

Name: 180312M1\_37, Date: 13-Mar-2018, Time: 04:31:16, ID: 1800367-02 WI-A06-MW03B-0218 0.11921, Description: WI-A06-MW03B-0218

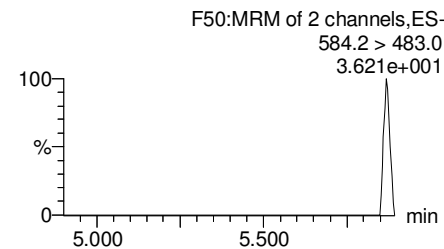
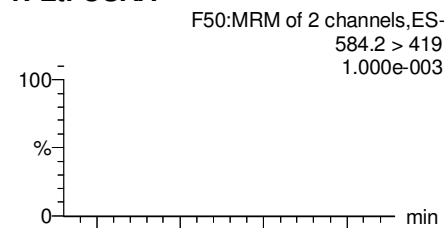
**PFUdA**



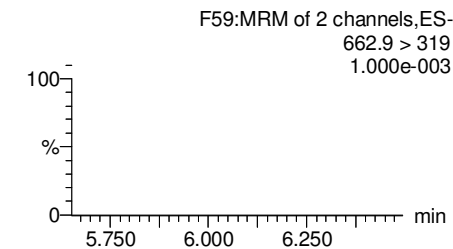
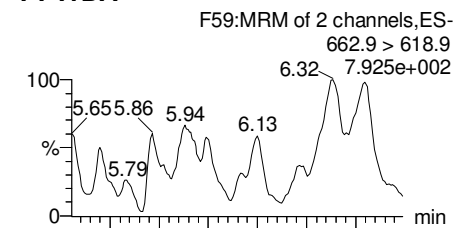
**N-MeFOSAA**



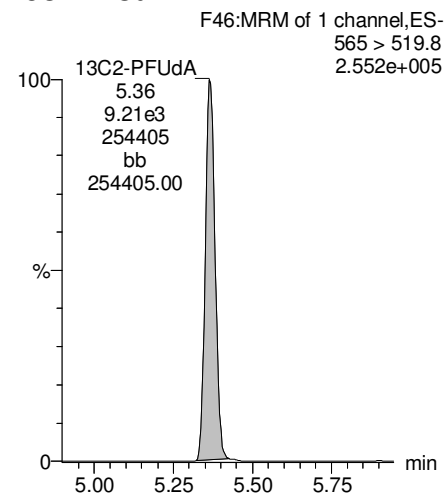
**N-EtFOSAA**



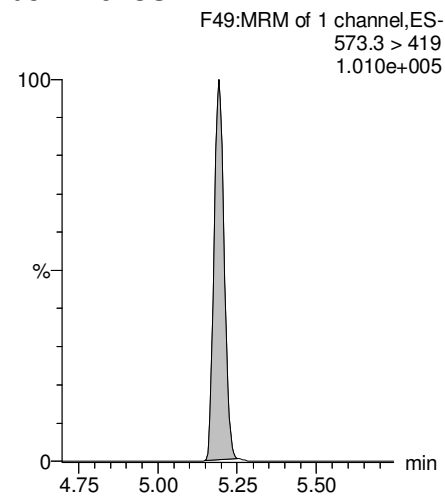
**PFTrDA**



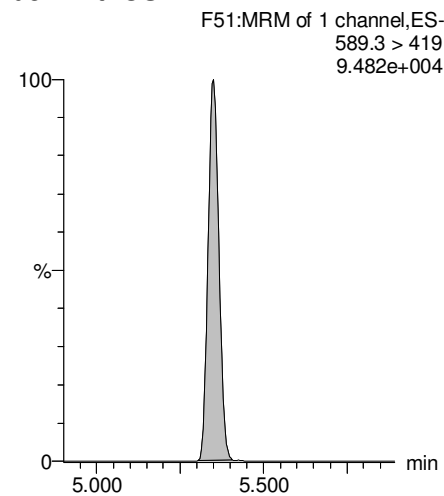
**13C2-PFUdA**



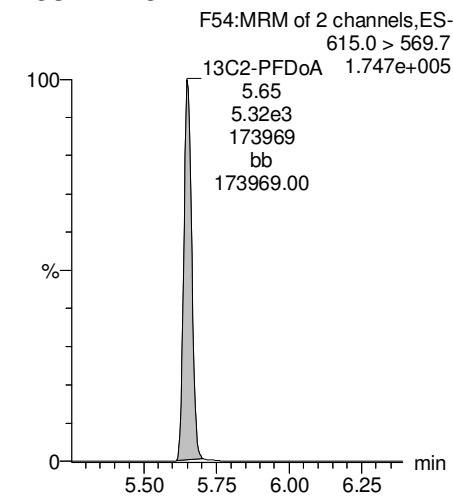
**d3-N-MeFOSAA**



**d5-N-EtFOSAA**



**13C2-PFDoA**

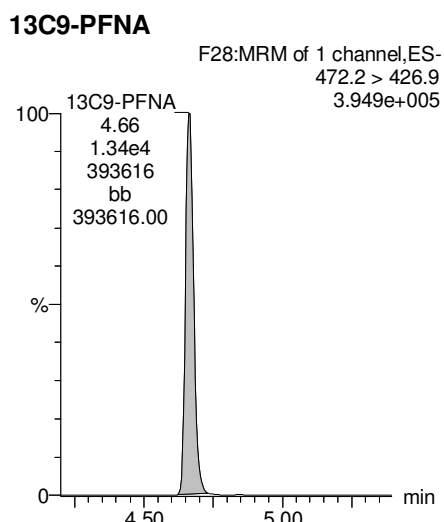
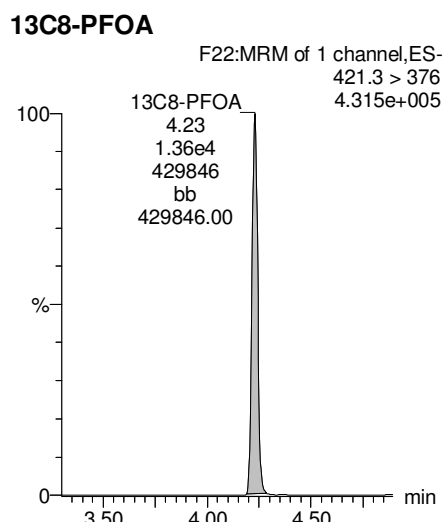
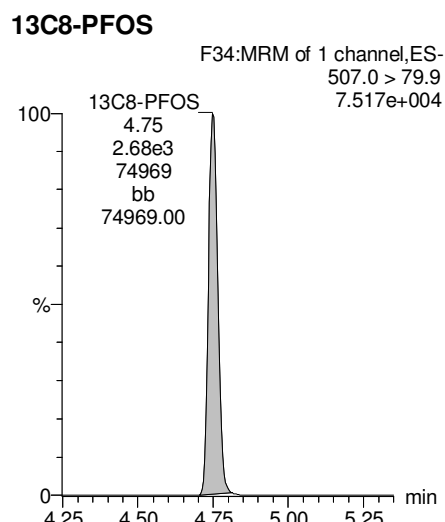
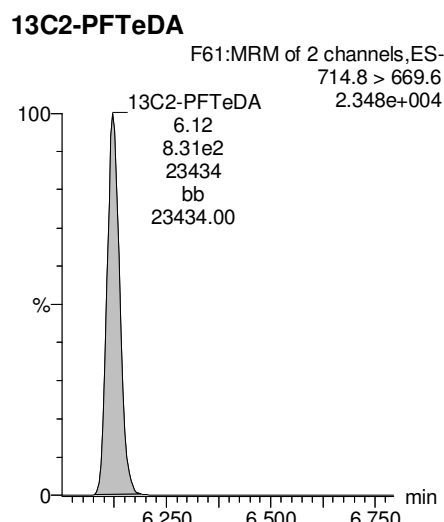
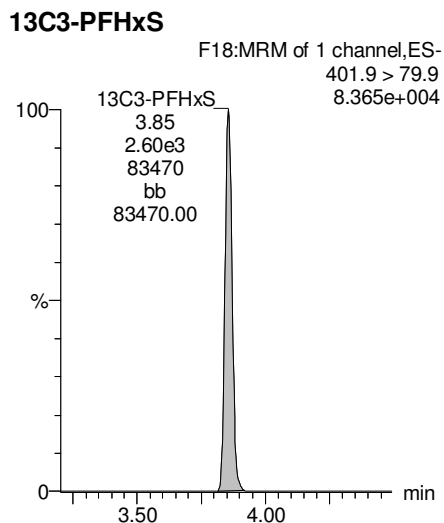
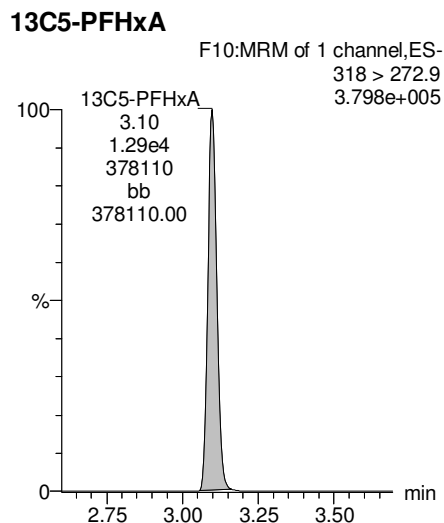
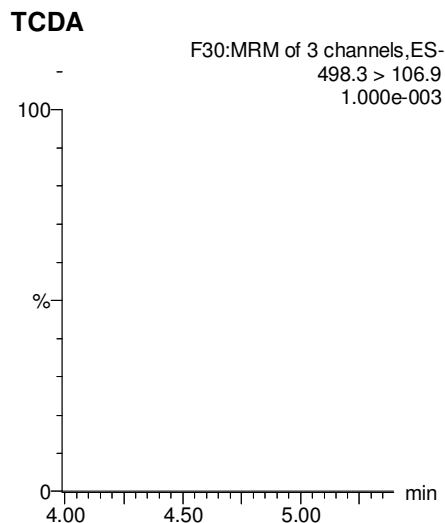
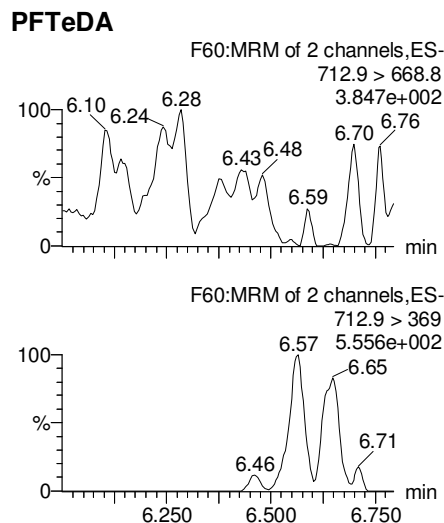


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Printed: Thursday, March 15, 2018 17:49:32 Pacific Daylight Time

Name: 180312M1\_37, Date: 13-Mar-2018, Time: 04:31:16, ID: 1800367-02 WI-A06-MW03B-0218 0.11921, Description: WI-A06-MW03B-0218



Dataset: F:\Projects\PFAS.PRO\Results\180312M2\180312M2-37.qld

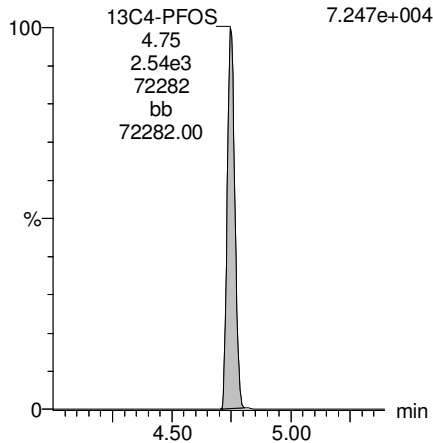
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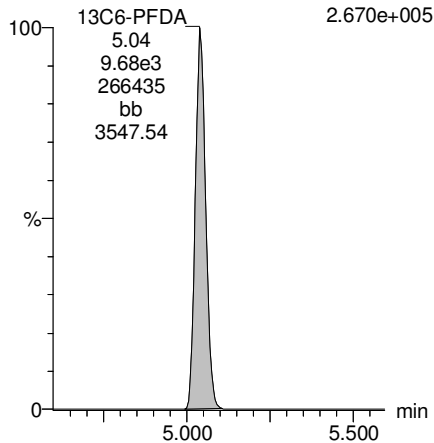
13C4-PFOS

F32:MRM of 1 channel,ES-  
503 > 79.9  
7.247e+004



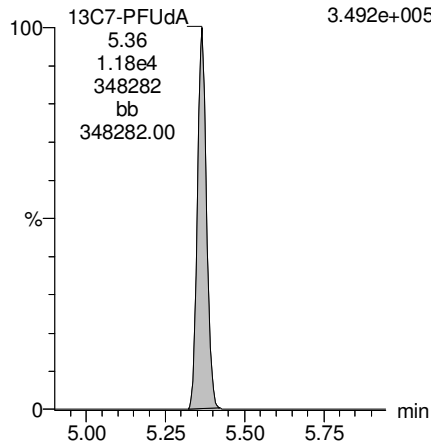
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
2.670e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
3.492e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-18.qld

Last Altered: Monday, March 19, 2018 13:33:32 Pacific Daylight Time

Printed: Monday, March 19, 2018 13:33:56 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_18, Date: 17-Mar-2018, Time: 23:00:39, ID: 1800367-02RE1 WI-A06-MW03B-0218 0.11921, Description: WI-A06-MW03B-0218

#	Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	25 PFDoA	612.9 > 569.0		5.50e3		0.1204	6.14				
2	50 13C2-PFDoA	615.0 > 569.7	5.50e3	9.00e3	0.875	0.1204	6.14	5.92	7.63	72.4	69.8
3	64 13C7-PFUdA	570.1 > 524.8	9.00e3	9.00e3	1.000	0.1204	5.87	5.64	12.5	104	100.0



Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-18.qld

Last Altered: Monday, March 19, 2018 13:33:32 Pacific Daylight Time  
Printed: Monday, March 19, 2018 13:33:56 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

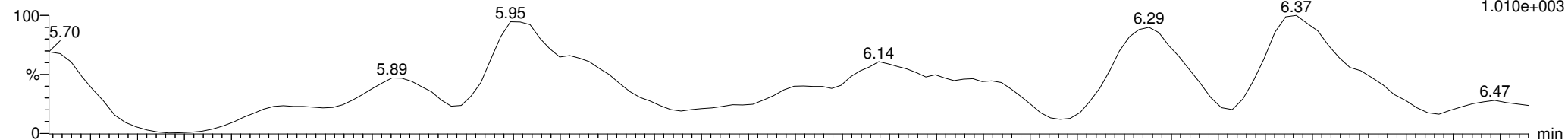
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Name: 180317M1\_18, Date: 17-Mar-2018, Time: 23:00:39, ID: 1800367-02RE1 WI-A06-MW03B-0218 0.11921, Description: WI-A06-MW03B-0218

**PFD0A**

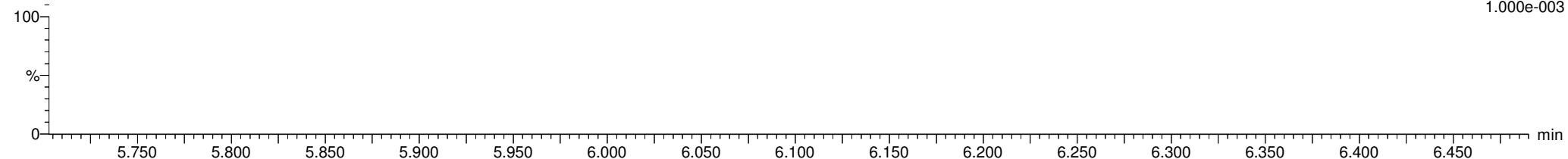
180317M1\_18 Smooth(Mn,1x2)  
WI-A06-MW03B-0218 1800367-02RE1 WI-A06-MW03B-0218 0.11921

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
1.010e+003



180317M1\_18 Smooth(Mn,1x2)  
WI-A06-MW03B-0218 1800367-02RE1 WI-A06-MW03B-0218 0.11921

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

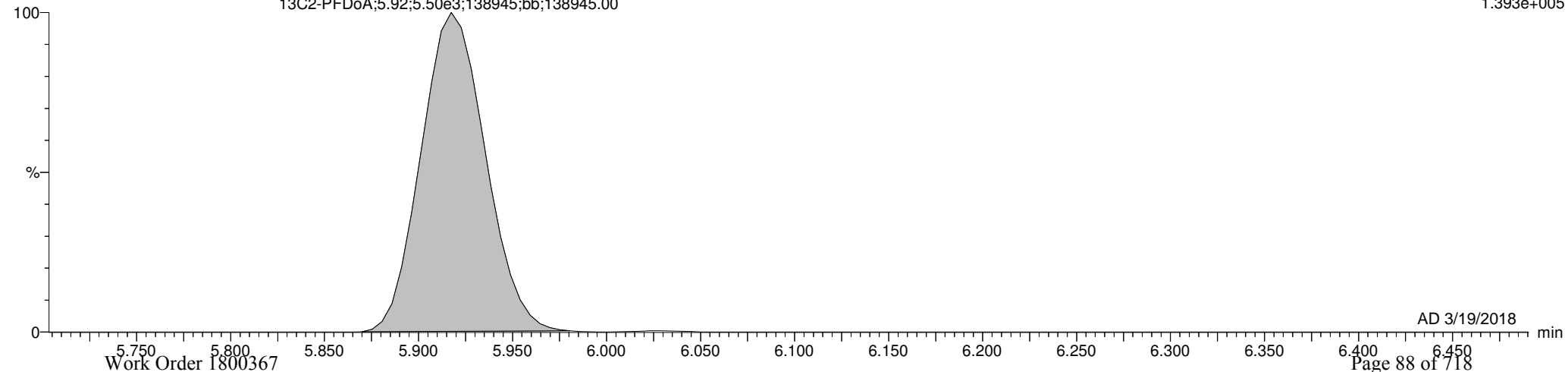


**13C2-PFD0A**

180317M1\_18 Smooth(Mn,1x2)  
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13C2-PFD0A;5.92;5.50e3;138945;bb;138945.00

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
1.393e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-18.qld

Last Altered: Monday, March 19, 2018 13:33:32 Pacific Daylight Time

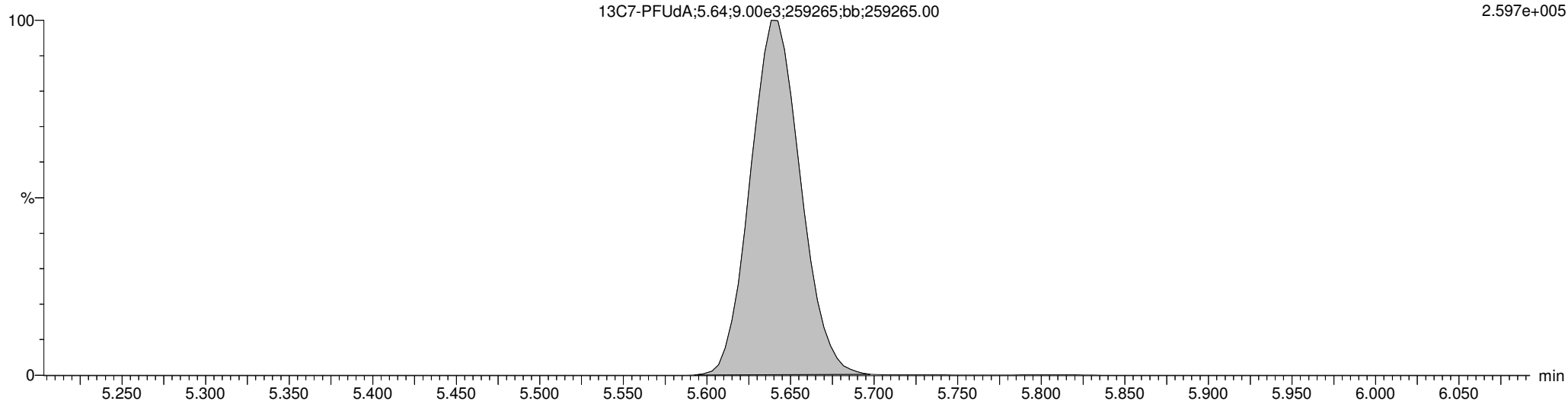
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Name: 180317M1\_18, Date: 17-Mar-2018, Time: 23:00:39, ID: 1800367-02RE1 WI-A06-MW03B-0218 0.11921, Description: WI-A06-MW03B-0218

13C7-PFUdA

180317M1\_18 Smooth(Mn,1x2)  
WI-A06-MW03B-0218 1800367-02RE1 WI-A06-MW03B-0218 0.11921

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
2.597e+005



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-38.qld

Last Altered: Thursday, March 15, 2018 17:53:13 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:54:14 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_38, Date: 08-Mar-2018, Time: 14:38:49, ID: 1800367-03 WI-A06-FB01-022218 0.12396, Description: WI-A06-FB01-022218

	#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3	PFBS	299.0 > 79.7		1.72e3	0.124		2.98				
2	5	PFHxA	313.2 > 268.9		4.79e3	0.124		3.48				
3	7	PFHpA	363.0 > 318.9		1.20e4	0.124		4.10				
4	8	L-PFHxS	398.9 > 79.6	5.37e0	1.27e3	0.124		4.24	3.95	0.0527	0.3185	
5	11	L-PFOA	413 > 368.7		1.56e4	0.124		4.45				
6	14	PFNA	463.0 > 418.8		1.49e4	0.124		5.04				
7	16	L-PFOS	499 > 79.9		3.47e3	0.124		4.84				
8	18	PFDA	513 > 468.8		1.17e4	0.124		5.40				
9	21	N-MeFOSAA	570.1 > 419		5.54e3	0.124		5.55				
10	22	N-EtFOSAA	584.2 > 419		5.68e3	0.124		5.70				
11	23	PFUdA	563.0 > 518.9		1.25e4	0.124		5.72				

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-38.qld

Last Altered: Thursday, March 15, 2018 17:53:13 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:54:22 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_38, Date: 08-Mar-2018, Time: 14:38:49, ID: 1800367-03 WI-A06-FB01-022218 0.12396, Description: WI-A06-FB01-022218

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	27	PFTrDA	662.9 > 618.9	7.58e3	0.124		6.22				
2	28	PFTeDA	712.9 > 668.8	2.12e3	0.124		6.41				
3	36	13C3-PFBS	302. > 98.8	1.72e3	0.124	0.101	2.98	2.70	1.29	103.4302	102.6
4	37	13C2-PFHxA	315 > 269.8	4.79e3	0.124	0.744	3.48	3.20	3.59	38.9805	96.6
5	38	13C4-PFHpA	367.2 > 321.8	1.20e4	0.124	0.740	4.10	3.80	9.02	98.3169	97.5
6	39	18O2-PFHxS	403.0 > 102.6	1.27e3	0.124	0.424	4.24	3.95	4.82	91.5852	90.8
7	40	13C2-6:2 FTS	429.1 > 408.9	3.65e3	0.124	0.254	4.56	4.27	2.74	87.2119	86.5
8	41	13C2-PFOA	414.9 > 369.7	1.56e4	0.124	1.129	4.61	4.33	11.8	84.0008	83.3
9	42	13C5-PFNA	468.2 > 422.9	1.49e4	0.124	1.006	5.04	4.76	10.0	80.5237	79.9
10	43	13C8-PFOSA	506.1 > 77.7	6.04e2	0.124	0.182	5.09	4.84	0.425	18.8774	18.7
11	44	13C8-PFOS	507.0 > 79.9	3.47e3	0.124	1.049	5.11	4.84	11.2	85.7739	85.1
12	45	13C2-PFDA	515.1 > 469.9	1.17e4	0.124	1.082	5.40	5.14	10.8	80.4929	79.8
13	46	13C2-8:2 FTS	529.1 > 508.7	2.83e3	0.124	0.161	5.38	5.10	2.12	106.4080	105.5
14	47	d3-N-MeFOSAA	573.3 > 419	5.54e3	0.124	0.426	5.55	5.28	3.91	73.9849	73.4
15	48	d5-N-EtFOSAA	589.3 > 419	5.68e3	0.124	0.459	5.70	5.44	4.01	70.3612	69.8
16	49	13C2-PFUdA	565 > 519.8	1.25e4	0.124	1.051	5.72	5.46	8.80	67.6064	67.0
17	50	13C2-PFDoA	615.0 > 569.7	7.58e3	0.124	0.827	5.99	5.74	5.34	52.1183	51.7
18	51	d3-N-MeFOSA	515.2 > 168.9	1.77e4	0.124	0.107	5.93				
19	52	13C2-PFTeDA	714.8 > 669.6	2.12e3	0.124	0.514	6.41	6.21	1.50	23.4989	23.3
20	53	d5-N-ETFOSA	531.1 > 168.9	1.77e4	0.124	0.152	6.25				
21	54	13C2-PFHxDA	815 > 769.7	2.73e2	0.124	1.185	6.69	6.55	0.192	1.3081	3.2
22	55	d7-N-MeFOSE	623.1 > 58.9	1.77e4	0.124	0.122	6.31				
23	56	d9-N-EtFOSE	639.2 > 58.8	1.77e4	0.124	0.109	6.45				
24	57	13C4-PFBA	217. > 171.8	1.16e4	0.124	1.000	1.73	1.46	12.5	100.8390	100.0
25	58	13C5-PFHxA	318 > 272.9	1.67e4	0.124	1.000	3.48	3.20	12.5	100.8390	100.0
26	59	13C3-PFHxS	401.9 > 79.9	3.31e3	0.124	1.000	4.24	3.95	12.5	100.8390	100.0
27	60	13C8-PFOA	421.3 > 376	1.66e4	0.124	1.000	4.61	4.33	12.5	100.8390	100.0
28	61	13C9-PFNA	472.2 > 426.9	1.85e4	0.124	1.000	4.70	4.76	12.5	100.8390	100.0
29	62	13C4-PFOS	503 > 79.9	3.88e3	0.124	1.000	5.11	4.84	12.5	100.8390	100.0
30	63	13C6-PFDA	519.1 > 473.7	1.35e4	0.124	1.000	5.40	5.14	12.5	100.8390	100.0
31	64	13C7-PFUdA	570.1 > 524.8	1.77e4	0.124	1.000	5.72	5.46	12.5	100.8390	100.0
32	65	Total PFHxS	398.9 > 79.6	5.37e0	0.124		4.24		0.0527	0.3185	

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-38.qld

Last Altered: Thursday, March 15, 2018 17:53:13 Pacific Daylight Time

Printed: Thursday, March 15, 2018 17:54:22 Pacific Daylight Time

**Name: 180307M2\_38, Date: 08-Mar-2018, Time: 14:38:49, ID: 1800367-03 WI-A06-FB01-022218 0.12396, Description: WI-A06-FB01-022218**

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
33	66 Total PFOA	413 > 368.7	0.00e0	1.56e4	0.124		4.61		0.000		
34	67 Total PFOS	499 > 79.9	0.00e0	3.47e3	0.124		5.11		0.000		
35	68 Total N-MeFOSAA	570.1 > 419	0.00e0	5.54e3	0.124		5.55		0.000		
36	69 Total N-EtFOSAA	584.2 > 419	0.00e0	5.68e3	0.124		5.70		0.000		

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-38.qld

Last Altered: Thursday, March 15, 2018 17:53:13 Pacific Daylight Time

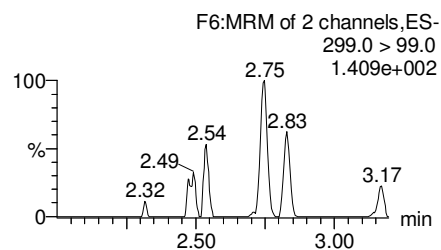
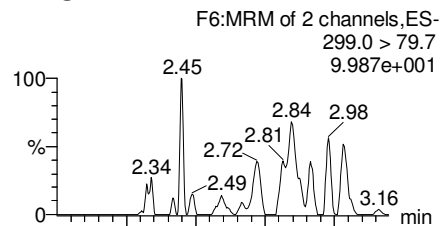
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

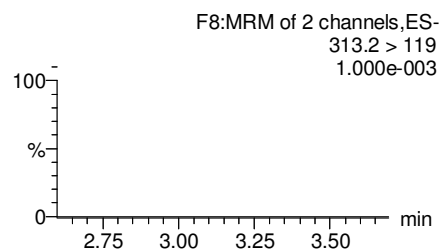
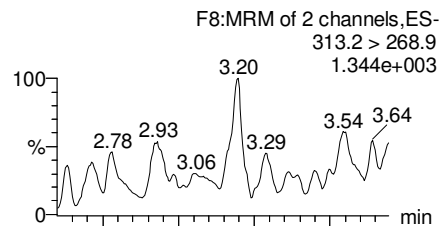
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Name: 180307M2\_38, Date: 08-Mar-2018, Time: 14:38:49, ID: 1800367-03 WI-A06-FB01-022218 0.12396, Description: WI-A06-FB01-022218

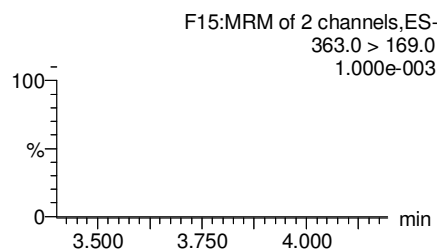
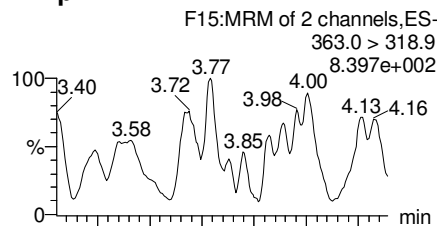
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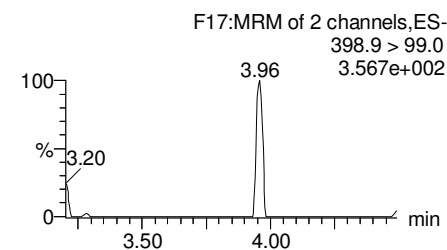
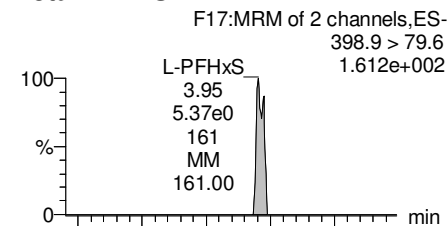
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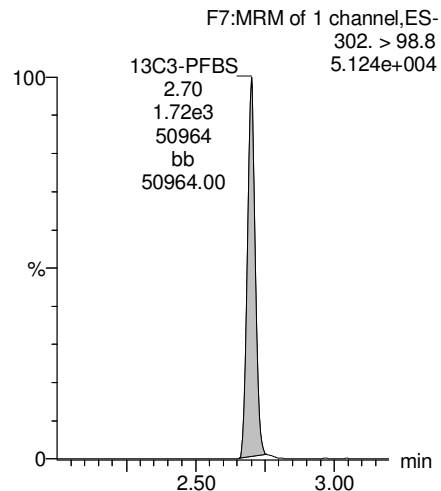
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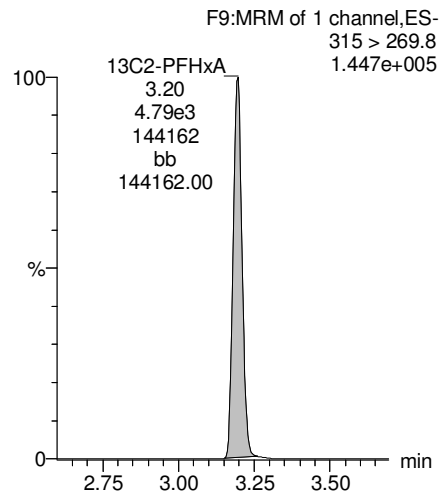
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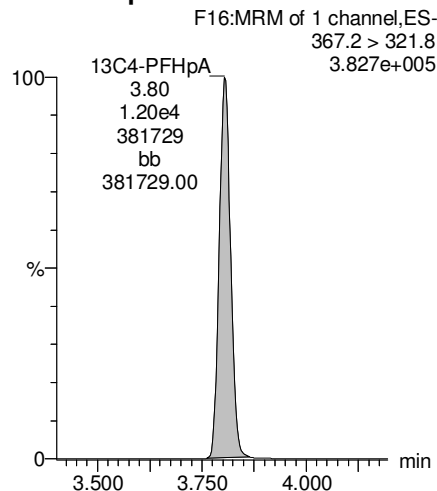
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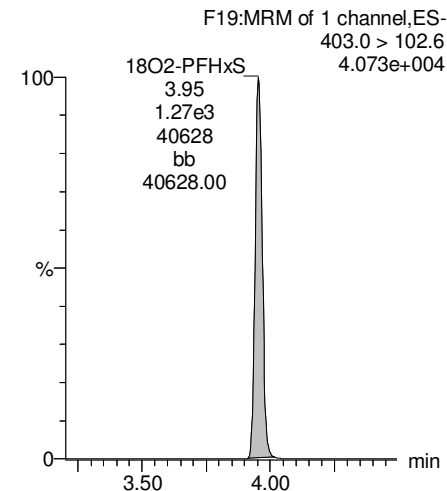
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**13C4-PFHpA**



**18O2-PFHxS**



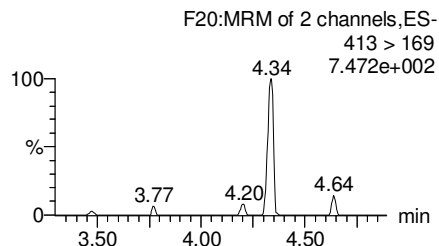
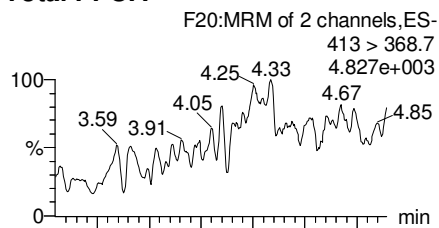
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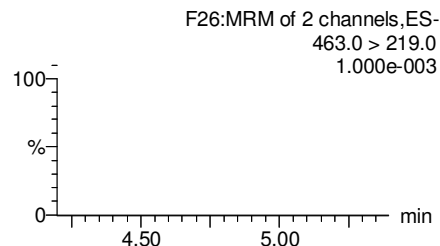
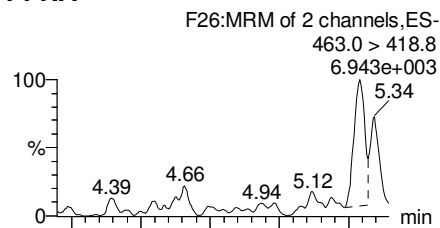
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Name: 180307M2\_38, Date: 08-Mar-2018, Time: 14:38:49, ID: 1800367-03 WI-A06-FB01-022218 0.12396, Description: WI-A06-FB01-022218

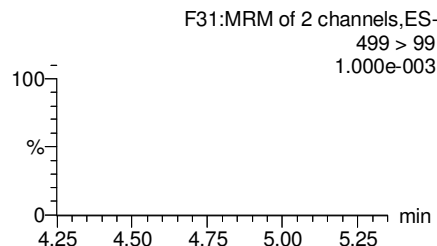
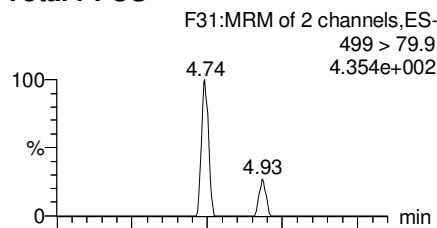
**Total PFOA**



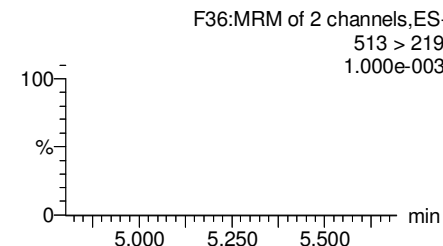
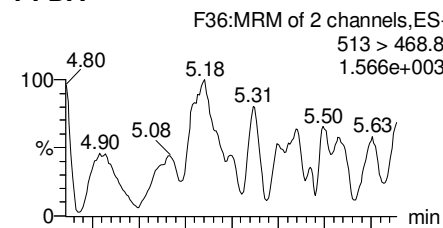
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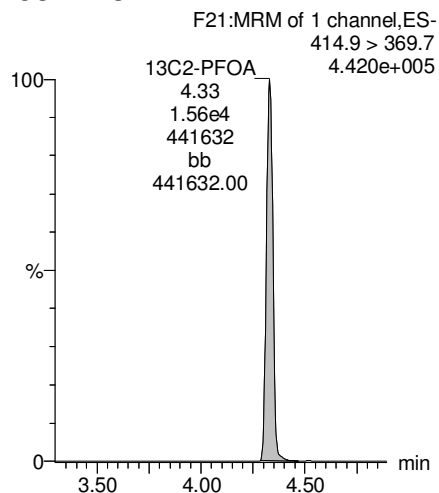
**Total PFOS**



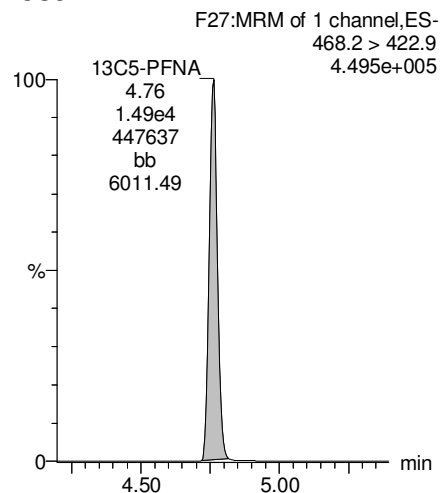
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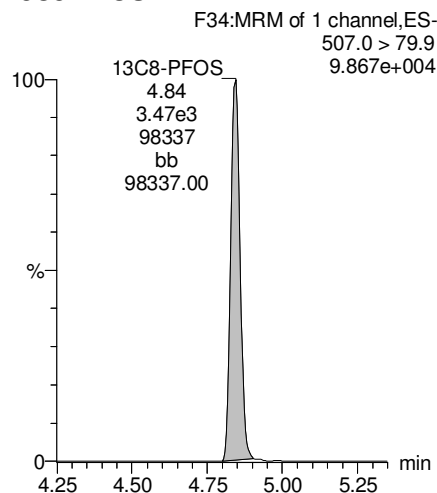
**13C2-PFOA**



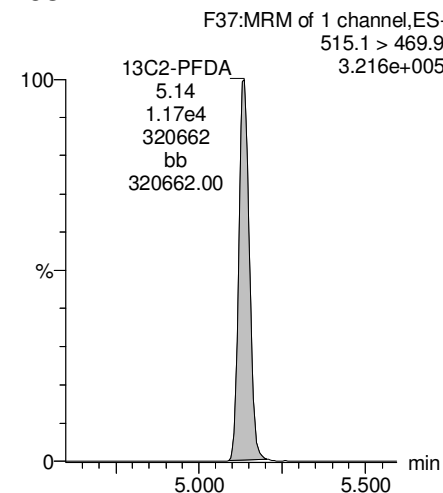
**13C5-PFNA**



**13C8-PFOS**



**13C2-PFDA**



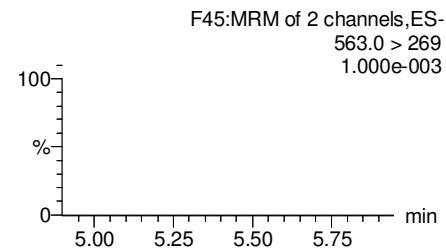
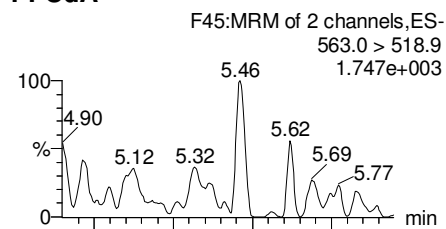
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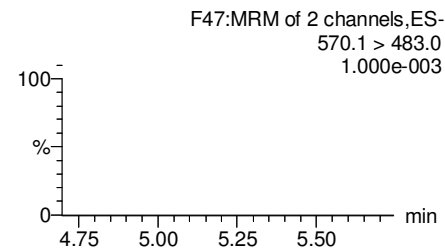
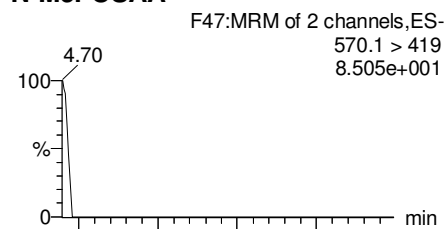
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Name: 180307M2\_38, Date: 08-Mar-2018, Time: 14:38:49, ID: 1800367-03 WI-A06-FB01-022218 0.12396, Description: WI-A06-FB01-022218

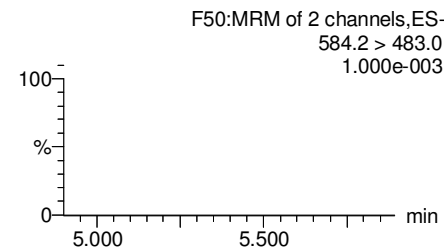
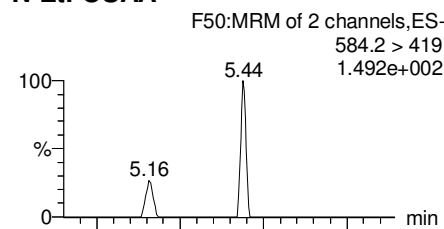
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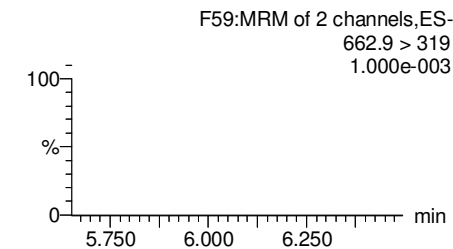
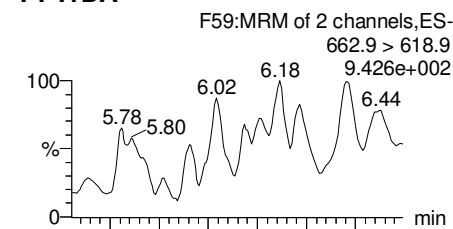
**N-MeFOSAA**



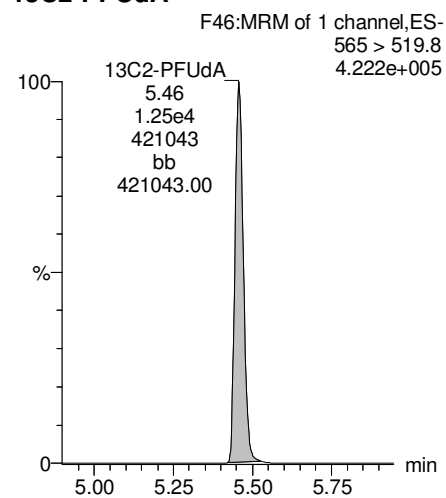
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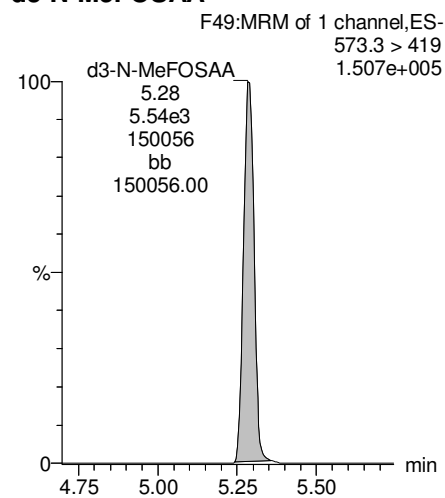
**PFTrDA**



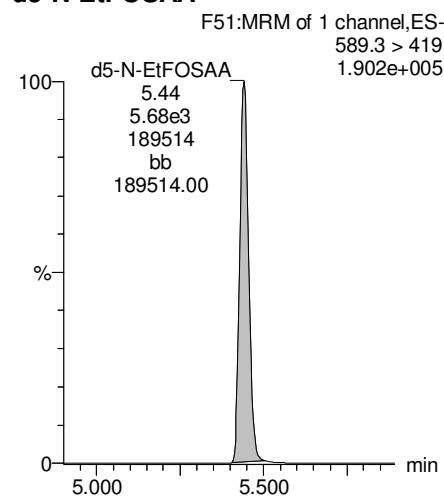
**13C2-PFUdA**



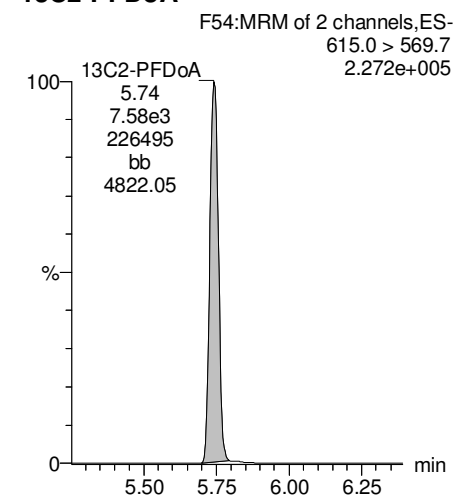
**d3-N-MeFOSAA**



**d5-N-EtFOSAA**



**13C2-PFDoA**





Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-38.qld

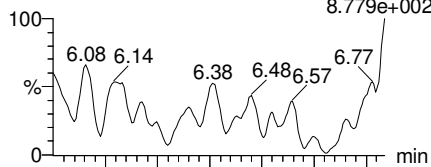
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Printed: Thursday, March 15, 2018 17:54:22 Pacific Daylight Time

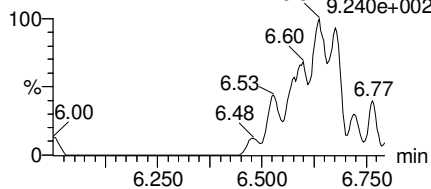
Name: 180307M2\_38, Date: 08-Mar-2018, Time: 14:38:49, ID: 1800367-03 WI-A06-FB01-022218 0.12396, Description: WI-A06-FB01-022218

**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
8.779e+002

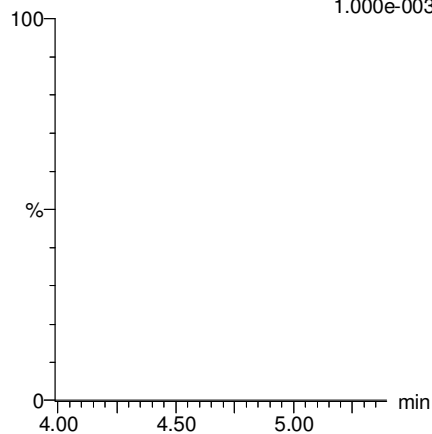


F60:MRM of 2 channels,ES-  
712.9 > 369  
9.240e+002



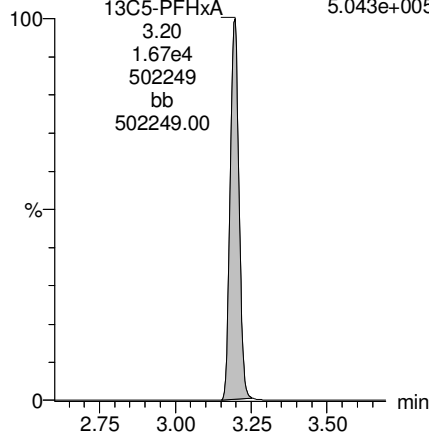
**TCDA**

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



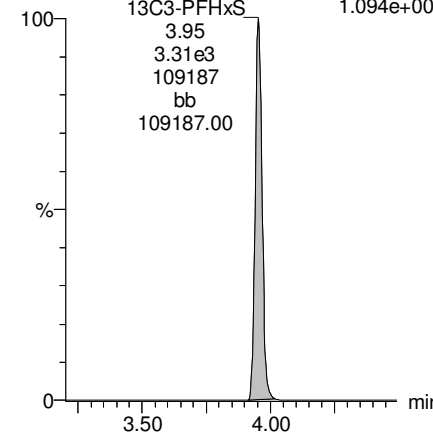
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
5.043e+005



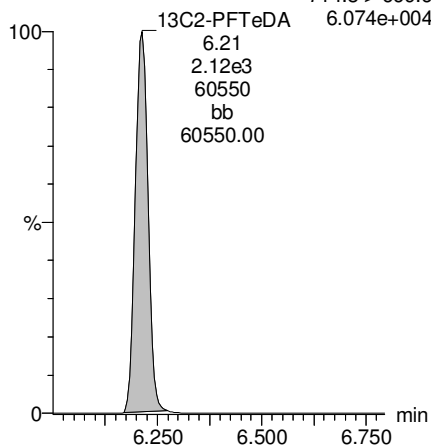
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
1.094e+005



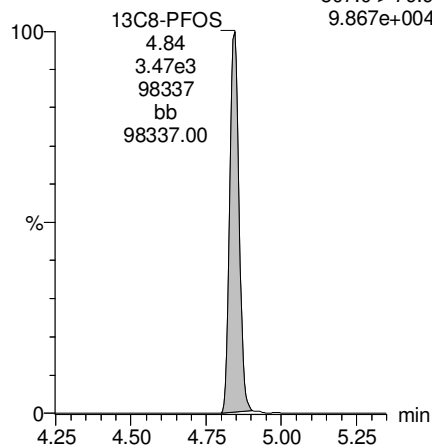
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
6.074e+004



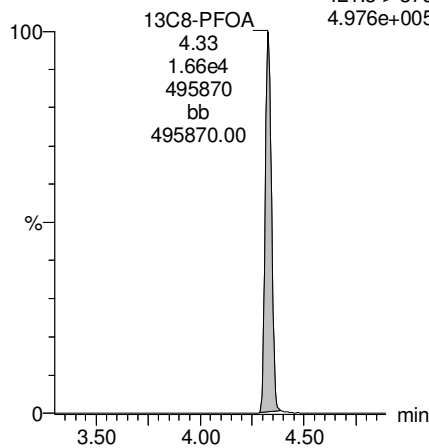
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
9.867e+004



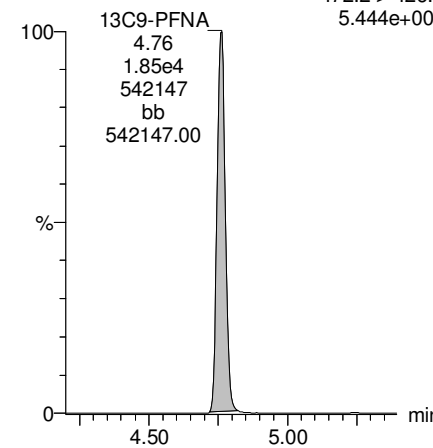
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
4.976e+005



**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
5.444e+005



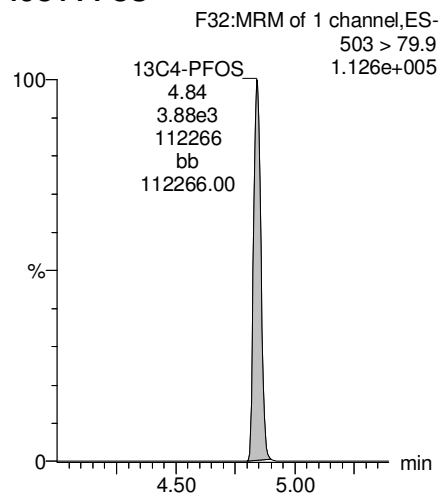
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Last Altered: Thursday, March 15, 2018 17:53:13 Pacific Daylight Time

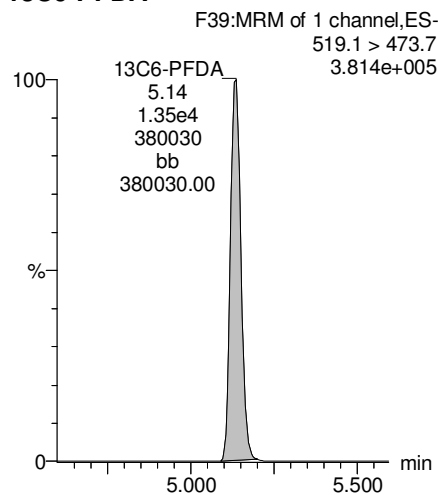
Printed: Thursday, March 15, 2018 17:54:22 Pacific Daylight Time

Name: 180307M2\_38, Date: 08-Mar-2018, Time: 14:38:49, ID: 1800367-03 WI-A06-FB01-022218 0.12396, Description: WI-A06-FB01-022218

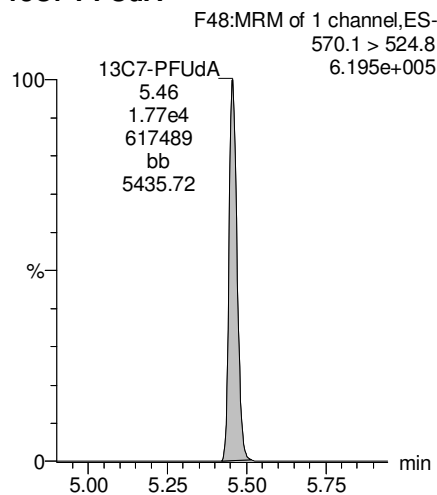
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-19.qld

Last Altered: Monday, March 19, 2018 13:34:41 Pacific Daylight Time

Printed: Monday, March 19, 2018 13:35:00 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_19, Date: 17-Mar-2018, Time: 23:12:09, ID: 1800367-03RE1 WI-A06-FB01-022218 0.12396, Description: WI-A06-FB01-022218

	# Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	25 PFDaA	612.9 > 569.0		7.51e3		0.1169	6.14				
2	50 13C2-PFDaA	615.0 > 569.7	7.51e3	1.25e4	0.875	0.1169	6.14	5.92	7.54	73.8	69.0
3	64 13C7-PFUdA	570.1 > 524.8	1.25e4	1.25e4	1.000	0.1169	5.87	5.64	12.5	107	100.0

Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-19.qld

Last Altered: Monday, March 19, 2018 13:34:41 Pacific Daylight Time  
Printed: Monday, March 19, 2018 13:35:00 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

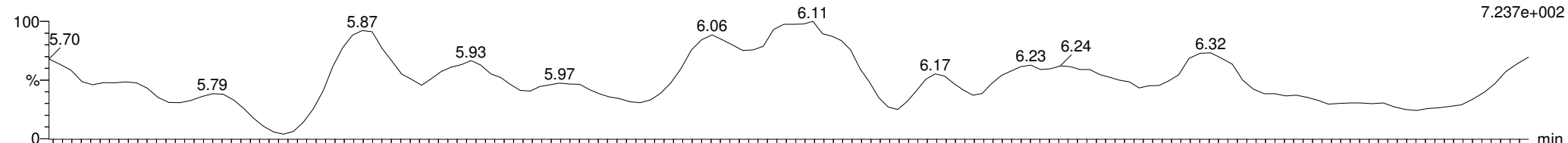
Name: 180317M1\_19, Date: 17-Mar-2018, Time: 23:12:09, ID: 1800367-03RE1 WI-A06-FB01-022218 0.12396, Description: WI-A06-FB01-022218

### PFD0A

180317M1\_19 Smooth(Mn,1x2)

WI-A06-FB01-022218 1800367-03RE1 WI-A06-FB01-022218 0.12396

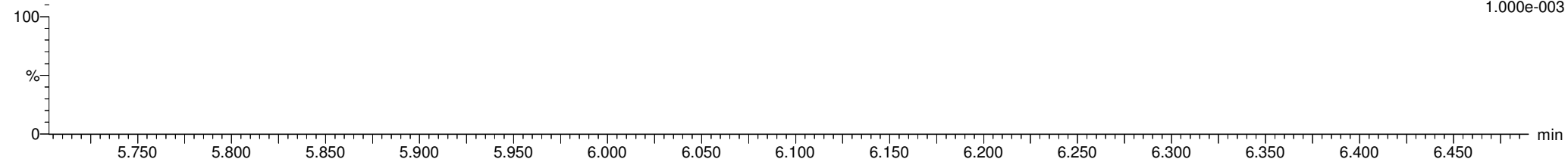
F53:MRM of 4 channels,ES-  
612.9 > 569.0  
7.237e+002



180317M1\_19 Smooth(Mn,1x2)

WI-A06-FB01-022218 1800367-03RE1 WI-A06-FB01-022218 0.12396

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



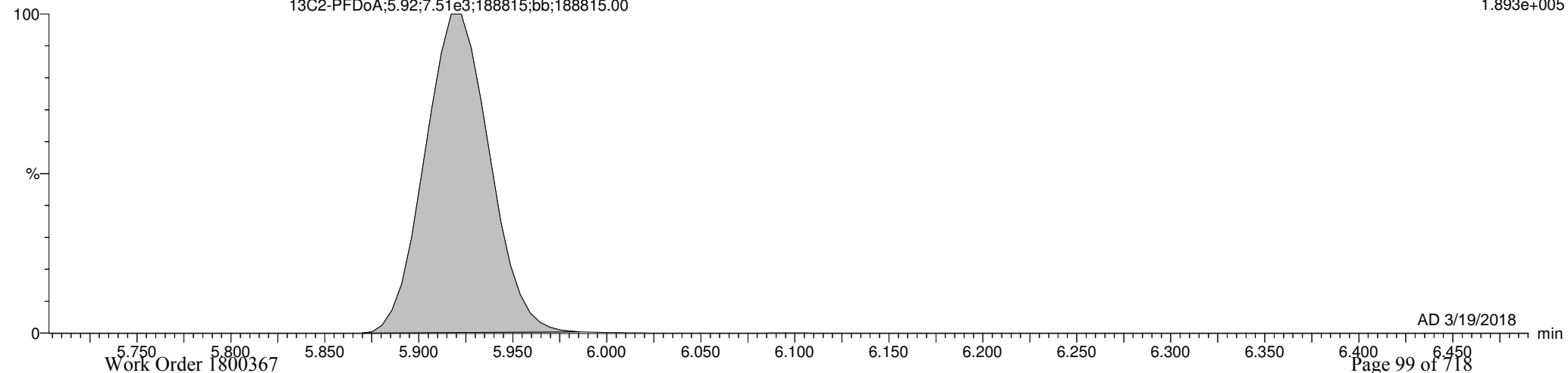
### 13C2-PFD0A

180317M1\_19 Smooth(Mn,1x2)

WI-A06-FB01-022218 1800367-03RE1 WI-A06-FB01-022218 0.12396

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
1.893e+005

13C2-PFD0A;5.92;7.51e3;188815;bb;188815.00



Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-19.qld

Last Altered: Monday, March 19, 2018 13:34:41 Pacific Daylight Time

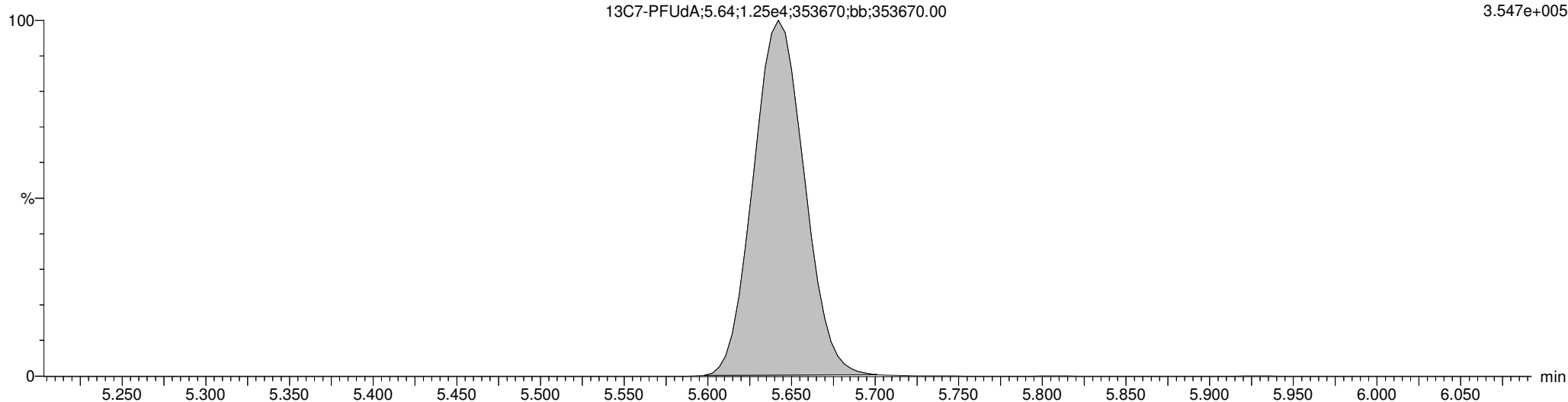
Printed: Monday, March 19, 2018 13:35:00 Pacific Daylight Time

Name: 180317M1\_19, Date: 17-Mar-2018, Time: 23:12:09, ID: 1800367-03RE1 WI-A06-FB01-022218 0.12396, Description: WI-A06-FB01-022218

13C7-PFUDa

180317M1\_19 Smooth(Mn,1x2)  
WI-A06-FB01-022218 1800367-03RE1 WI-A06-FB01-022218 0.12396

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
3.547e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-39.qld

Last Altered: Friday, March 16, 2018 14:10:59 Pacific Daylight Time

Printed: Friday, March 16, 2018 14:11:26 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_39, Date: 13-Mar-2018, Time: 04:54:12, ID: 1800367-04 WI-A06-6-S-02-0218 0.11895, Description: WI-A06-6-S-02-0218

	#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3	PFBS	299.0 > 79.7	1.20e2	1.36e3	0.119		2.98	2.61	1.10	5.0276	
2	5	PFHxA	313.2 > 268.9		3.67e3	0.119		3.48				
3	7	PFHpA	363.0 > 318.9		8.71e3	0.119		4.10				
4	8	L-PFHxS	398.9 > 79.6	3.17e2	1.04e3	0.119		4.24	3.86	3.83	18.0473	
5	11	L-PFOA	413 > 368.7	6.79e2	1.13e4	0.119		4.30	4.23	0.748	5.9005	
6	14	PFNA	463.0 > 418.8		9.04e3	0.119		5.04				
7	16	L-PFOS	499 > 79.9		2.80e3	0.119		4.84				
8	18	PFDA	513 > 468.8		7.59e3	0.119		5.40				
9	21	N-MeFOSAA	570.1 > 419		3.47e3	0.119		5.55				
10	22	N-EtFOSAA	584.2 > 419		3.54e3	0.119		5.70				
11	23	PFUdA	563.0 > 518.9		5.91e3	0.119		5.72				

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-39.qld

Last Altered: Friday, March 16, 2018 14:10:59 Pacific Daylight Time

Printed: Friday, March 16, 2018 14:11:34 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_39, Date: 13-Mar-2018, Time: 04:54:12, ID: 1800367-04 WI-A06-6-S-02-0218 0.11895, Description: WI-A06-6-S-02-0218

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	27	PFTrDA	662.9 > 618.9	2.99e3	0.119		6.22					
2	28	PFTeDA	712.9 > 668.8	4.49e2	0.119		6.41					
3	36	13C3-PFBS	302. > 98.8	1.36e3	1.29e4	0.119	0.103	2.98	2.61	1.32	107.5753	102.4
4	37	13C2-PFHxA	315 > 269.8	3.67e3	1.29e4	0.119	0.733	3.48	3.10	3.56	40.8270	97.1
5	38	13C4-PFHpA	367.2 > 321.8	8.71e3	1.29e4	0.119	0.726	4.10	3.71	8.45	97.8824	93.1
6	39	18O2-PFHxS	403.0 > 102.6	1.04e3	2.94e3	0.119	0.402	4.24	3.86	4.41	92.2497	87.8
7	40	13C2-6:2 FTS	429.1 > 408.9	2.87e3	1.30e4	0.119	0.259	4.56	4.17	2.77	89.9804	85.6
8	41	13C2-PFOA	414.9 > 369.7	1.13e4	1.30e4	0.119	1.057	4.61	4.23	10.9	86.9954	82.8
9	42	13C5-PFNA	468.2 > 422.9	9.04e3	1.27e4	0.119	0.933	5.04	4.67	8.86	79.8452	76.0
10	43	13C8-PFOSA	506.1 > 77.7	3.82e2	7.99e3	0.119	0.180	5.09	4.73	0.597	27.8903	26.5
11	44	13C8-PFOS	507.0 > 79.9	2.80e3	2.36e3	0.119	1.028	5.11	4.75	14.8	120.9289	115.1
12	45	13C2-PFDA	515.1 > 469.9	7.59e3	8.41e3	0.119	1.096	5.40	5.04	11.3	86.5019	82.3
13	46	13C2-8:2 FTS	529.1 > 508.7	1.68e3	1.29e4	0.119	0.201	5.38	5.01	1.63	68.1749	64.9
14	47	d3-N-MeFOSAA	573.3 > 419	3.47e3	7.99e3	0.119	0.442	5.55	5.19	5.43	103.1778	98.2
15	48	d5-N-EtFOSAA	589.3 > 419	3.54e3	7.99e3	0.119	0.469	5.70	5.35	5.54	99.2857	94.5
16	49	13C2-PFUdA	565 > 519.8	5.91e3	7.99e3	0.119	1.060	5.72	5.36	9.24	73.3236	69.8
17	50	13C2-PFDoA	615.0 > 569.7	2.99e3	7.99e3	0.119	0.847	5.99	5.65	4.68	46.3882	44.1
18	51	d3-N-MeFOSA	515.2 > 168.9		7.99e3	0.119	0.104	5.93				
19	52	13C2-PFTeDA	714.8 > 669.6	4.49e2	7.99e3	0.119	0.481	6.41	6.12	0.703	12.2767	11.7
20	53	d5-N-ETFOSA	531.1 > 168.9		7.99e3	0.119	0.147	6.25				
21	54	13C2-PFHxDA	815 > 769.7	1.68e2	7.99e3	0.119	1.039	6.69	6.47	0.263	2.1269	5.1
22	55	d7-N-MeFOSE	623.1 > 58.9		7.99e3	0.119	0.110	6.31				
23	56	d9-N-EtFOSE	639.2 > 58.8		7.99e3	0.119	0.108	6.45				
24	57	13C4-PFBA	217. > 171.8	9.03e3	9.03e3	0.119	1.000	1.73	1.36	12.5	105.0862	100.0
25	58	13C5-PFHxA	318 > 272.9	1.29e4	1.29e4	0.119	1.000	3.48	3.10	12.5	105.0862	100.0
26	59	13C3-PFHxS	401.9 > 79.9	2.94e3	2.94e3	0.119	1.000	4.24	3.86	12.5	105.0862	100.0
27	60	13C8-PFOA	421.3 > 376	1.30e4	1.30e4	0.119	1.000	4.61	4.23	12.5	105.0862	100.0
28	61	13C9-PFNA	472.2 > 426.9	1.27e4	1.27e4	0.119	1.000	4.70	4.66	12.5	105.0862	100.0
29	62	13C4-PFOS	503 > 79.9	2.36e3	2.36e3	0.119	1.000	5.11	4.75	12.5	105.0862	100.0
30	63	13C6-PFDA	519.1 > 473.7	8.41e3	8.41e3	0.119	1.000	5.40	5.04	12.5	105.0862	100.0
31	64	13C7-PFUdA	570.1 > 524.8	7.99e3	7.99e3	0.119	1.000	5.72	5.36	12.5	105.0862	100.0
32	65	Total PFHxS	398.9 > 79.6	3.17e2	1.04e3	0.119		4.24		3.83	18.0473	

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-39.qld

Last Altered: Friday, March 16, 2018 14:10:59 Pacific Daylight Time

Printed: Friday, March 16, 2018 14:11:34 Pacific Daylight Time

Name: 180312M1\_39, Date: 13-Mar-2018, Time: 04:54:12, ID: 1800367-04 WI-A06-6-S-02-0218 0.11895, Description: WI-A06-6-S-02-0218

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
33	66 Total PFOA	413 > 368.7	1.14e3	1.13e4	0.119		4.25		1.26	9.6392	
34	67 Total PFOS	499 > 79.9	0.00e0	2.80e3	0.119		4.84		0.000		
35	68 Total N-MeFOSAA	570.1 > 419	0.00e0	3.47e3	0.119		5.55		0.000		
36	69 Total N-EtFOSAA	584.2 > 419	0.00e0	3.54e3	0.119		5.70		0.000		



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-39.qld

Last Altered: Friday, March 16, 2018 14:10:59 Pacific Daylight Time

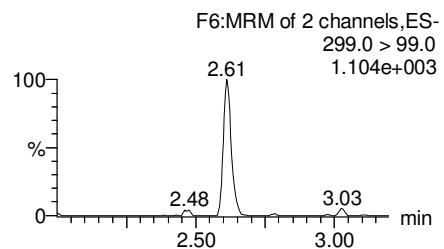
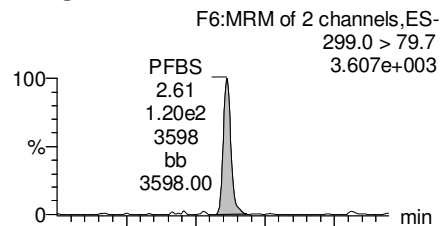
Printed: Friday, March 16, 2018 14:11:34 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

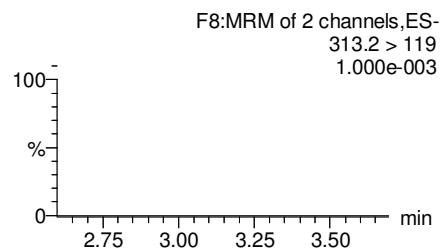
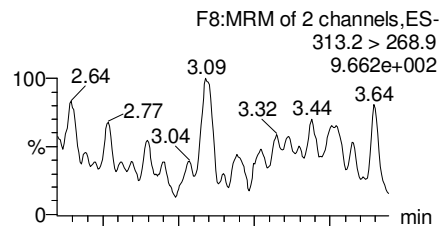
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_39, Date: 13-Mar-2018, Time: 04:54:12, ID: 1800367-04 WI-A06-6-S-02-0218 0.11895, Description: WI-A06-6-S-02-0218

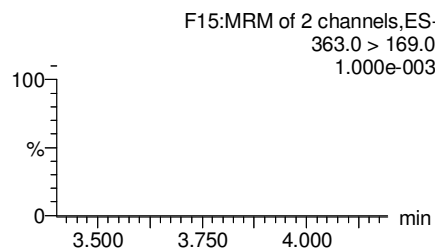
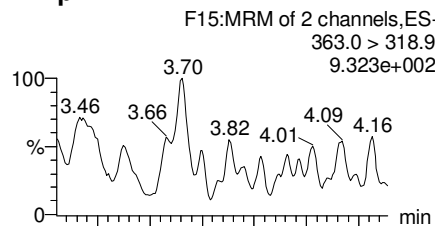
**PFBS**



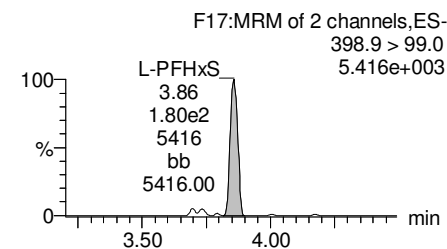
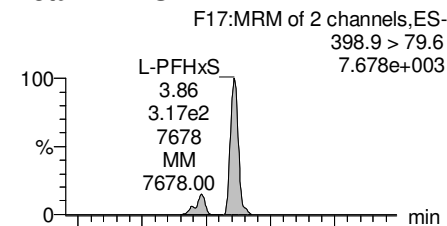
**PFHxA**



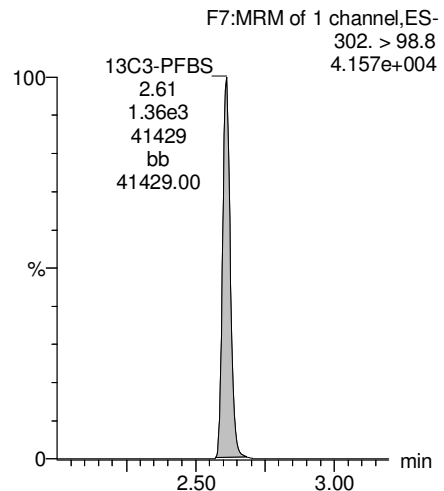
**PFHpA**



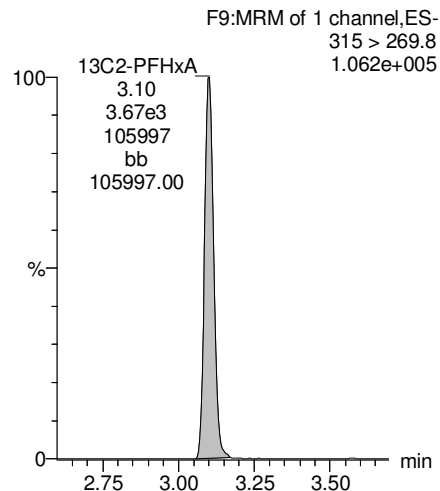
**Total PFHxS**



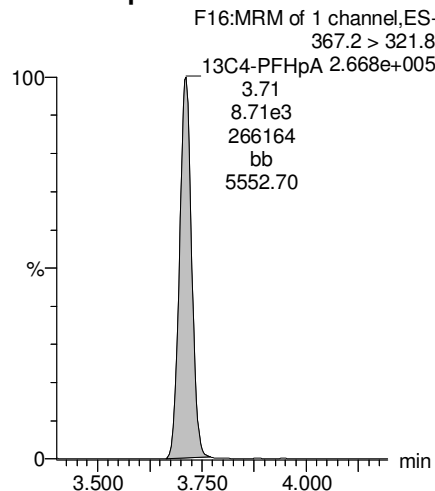
**13C3-PFBS**



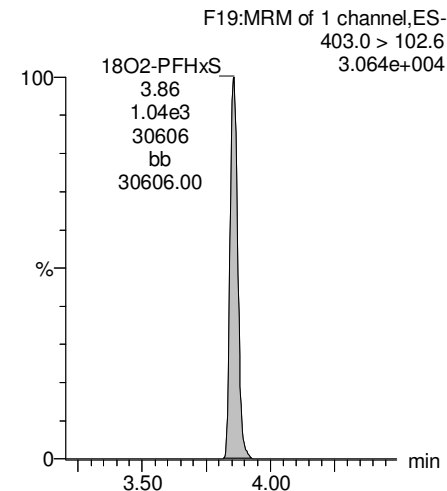
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-39.qld

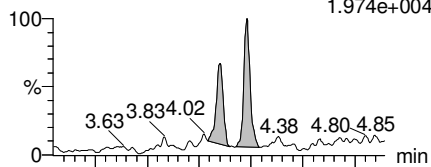
Last Altered: Friday, March 16, 2018 14:10:59 Pacific Daylight Time

Printed: Friday, March 16, 2018 14:11:34 Pacific Daylight Time

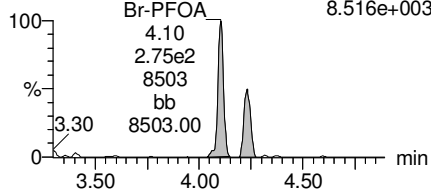
Name: 180312M1\_39, Date: 13-Mar-2018, Time: 04:54:12, ID: 1800367-04 WI-A06-6-S-02-0218 0.11895, Description: WI-A06-6-S-02-0218

**Total PFOA**

F20:MRM of 2 channels,ES-  
413 > 368.7  
1.974e+004

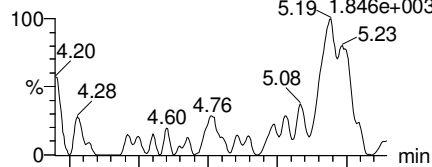


F20:MRM of 2 channels,ES-  
413 > 169  
8.516e+003

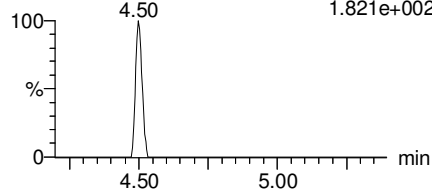


**PFNA**

F26:MRM of 2 channels,ES-  
463.0 > 418.8  
1.846e+003

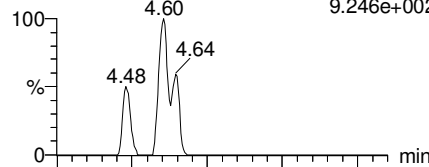


F26:MRM of 2 channels,ES-  
463.0 > 219.0  
1.821e+002

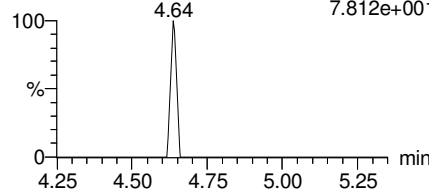


**Total PFOS**

F31:MRM of 2 channels,ES-  
499 > 79.9  
9.246e+002

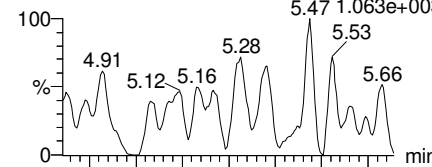


F31:MRM of 2 channels,ES-  
499 > 99  
7.812e+001

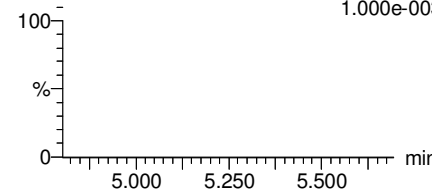


**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
1.063e+003

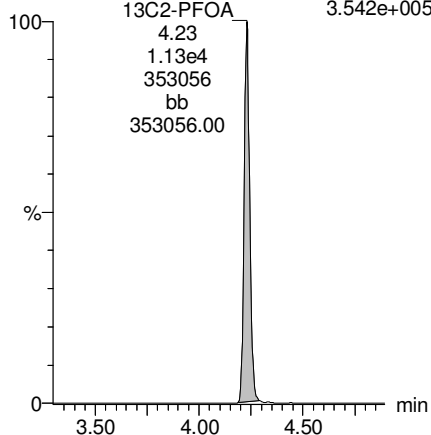


F36:MRM of 2 channels,ES-  
513 > 219  
1.000e+003



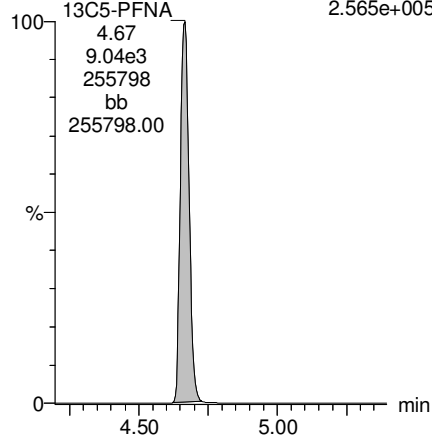
**13C2-PFOA**

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
3.542e+005



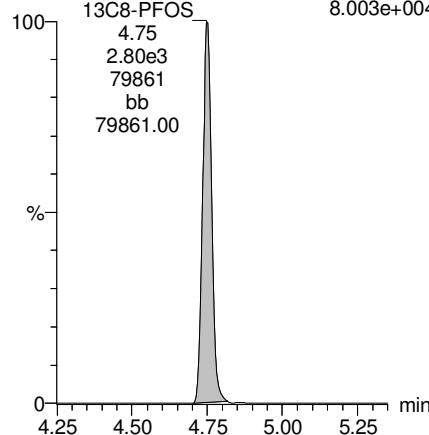
**13C5-PFNA**

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
2.565e+005



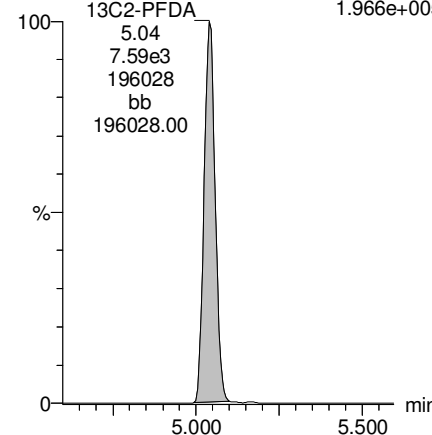
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
8.003e+004



**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
1.966e+005



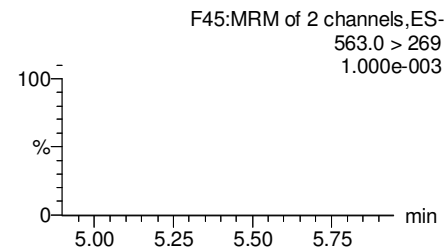
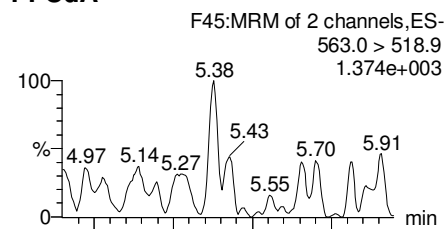
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-39.qld

Last Altered: Friday, March 16, 2018 14:10:59 Pacific Daylight Time

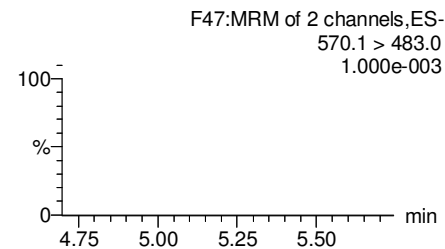
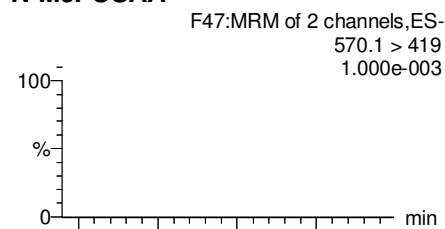
Printed: Friday, March 16, 2018 14:11:34 Pacific Daylight Time

Name: 180312M1\_39, Date: 13-Mar-2018, Time: 04:54:12, ID: 1800367-04 WI-A06-6-S-02-0218 0.11895, Description: WI-A06-6-S-02-0218

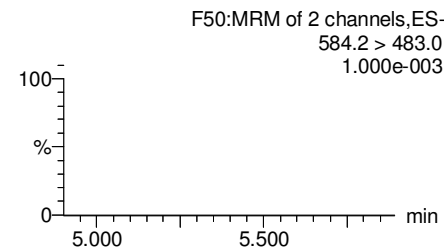
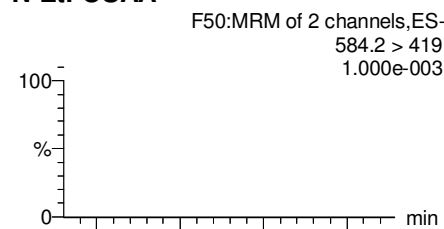
**PFUdA**



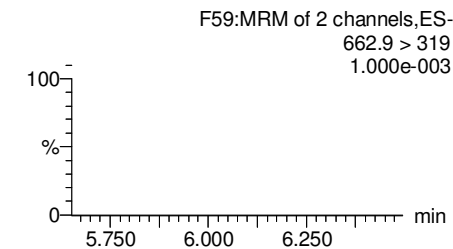
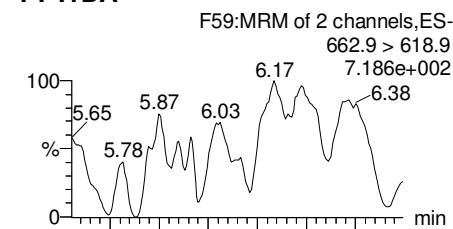
**N-MeFOSAA**



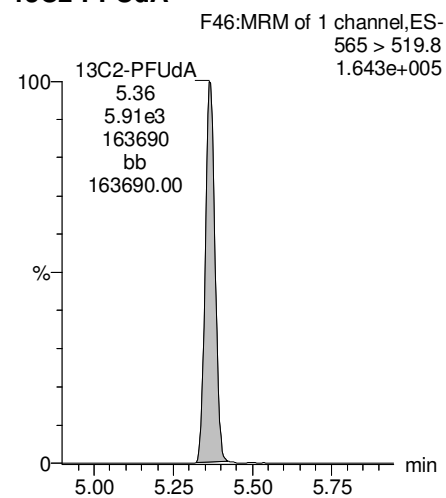
**N-EtFOSAA**



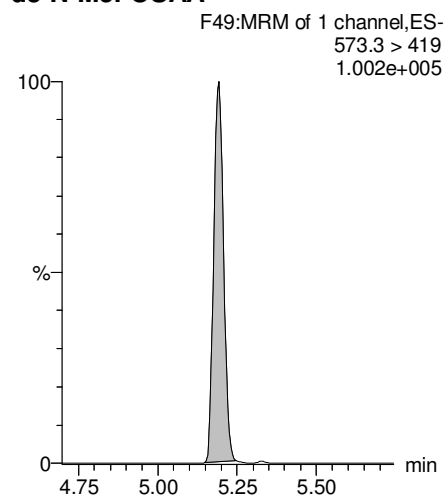
**PFTrDA**



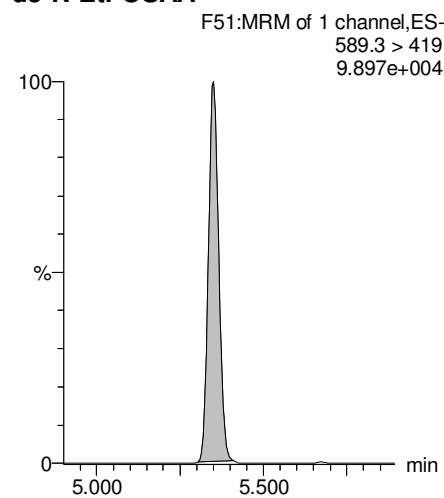
**13C2-PFUdA**



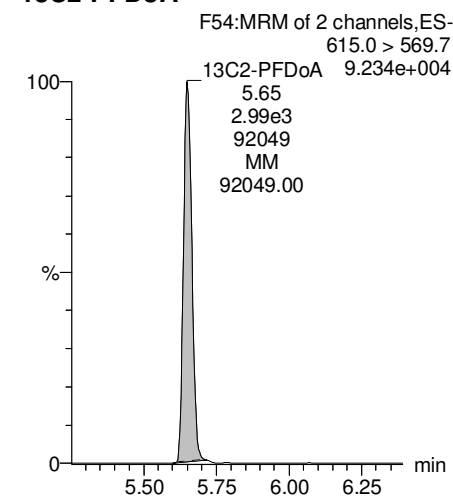
**d3-N-MeFOSAA**



**d5-N-EtFOSAA**



**13C2-PFDoA**



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-39.qld

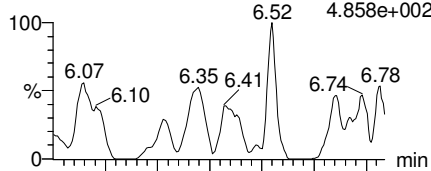
Last Altered: Friday, March 16, 2018 14:10:59 Pacific Daylight Time

Printed: Friday, March 16, 2018 14:11:34 Pacific Daylight Time

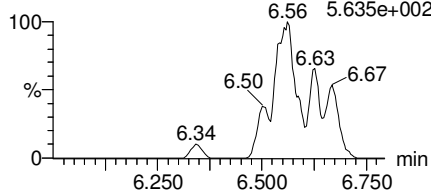
Name: 180312M1\_39, Date: 13-Mar-2018, Time: 04:54:12, ID: 1800367-04 WI-A06-6-S-02-0218 0.11895, Description: WI-A06-6-S-02-0218

**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
4.858e+002

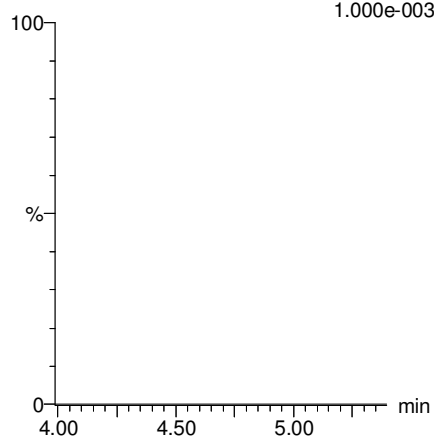


F60:MRM of 2 channels,ES-  
712.9 > 369  
5.635e+002



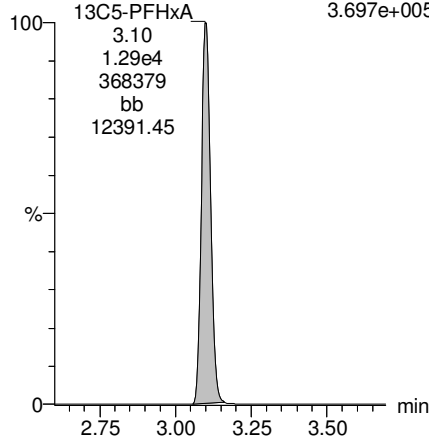
**TCDA**

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



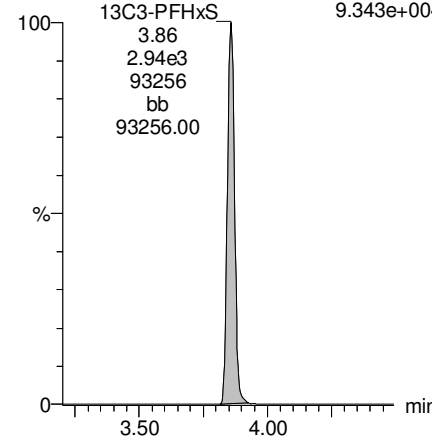
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
3.697e+005



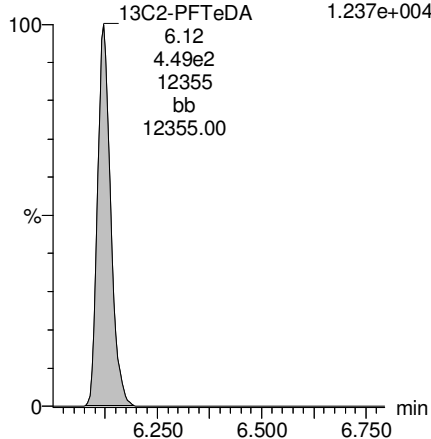
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
9.343e+004



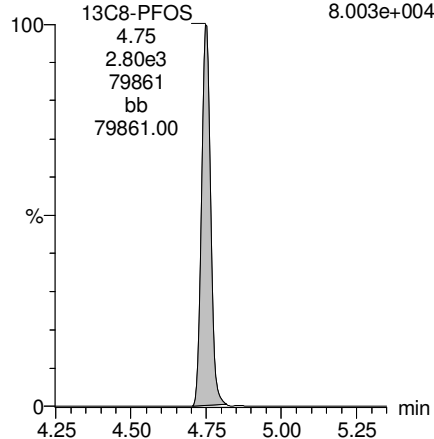
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
1.237e+004



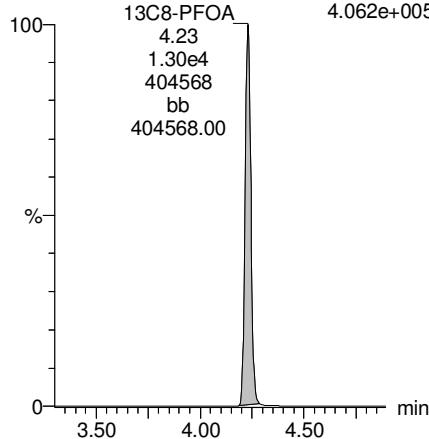
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
8.003e+004



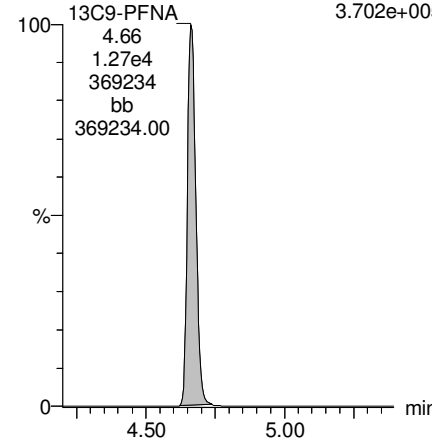
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
4.062e+005



**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
3.702e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-39.qld

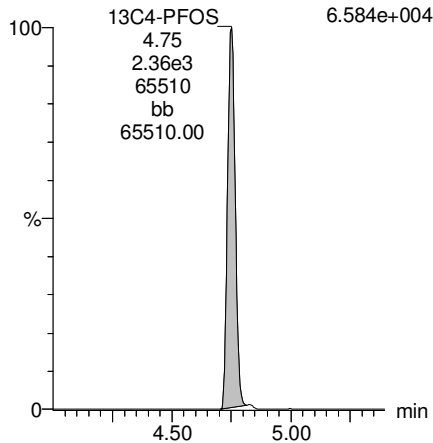
Last Altered: Friday, March 16, 2018 14:10:59 Pacific Daylight Time

Printed: Friday, March 16, 2018 14:11:34 Pacific Daylight Time

Name: 180312M1\_39, Date: 13-Mar-2018, Time: 04:54:12, ID: 1800367-04 WI-A06-6-S-02-0218 0.11895, Description: WI-A06-6-S-02-0218

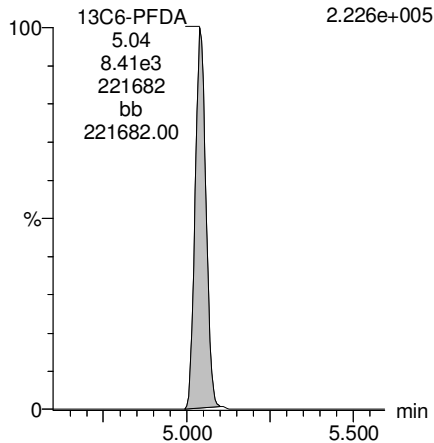
13C4-PFOS

F32:MRM of 1 channel,ES-  
503 > 79.9  
6.584e+004



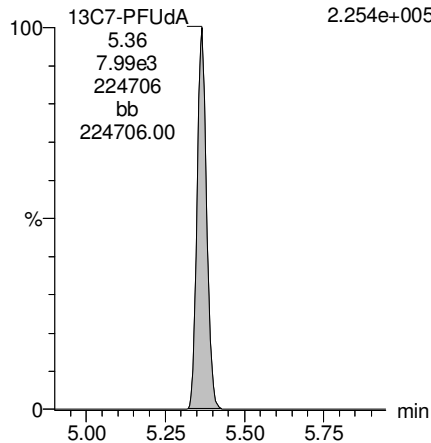
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
2.226e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
2.254e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-20.qld

Last Altered: Monday, March 19, 2018 13:35:25 Pacific Daylight Time

Printed: Monday, March 19, 2018 13:36:00 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_20, Date: 17-Mar-2018, Time: 23:23:38, ID: 1800367-04RE1 WI-A06-6-S-02-0218 0.11895, Description: WI-A06-6-S-02-0218

#	Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	25 PFDoA	612.9 > 569.0		7.57e3		0.1185	6.14				
2	50 13C2-PFDoA	615.0 > 569.7	7.57e3	1.19e4	0.875	0.1185	6.14	5.92	7.97	76.9	72.9
3	64 13C7-PFUdA	570.1 > 524.8	1.19e4	1.19e4	1.000	0.1185	5.87	5.64	12.5	105	100.0

Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-20.qld

Last Altered: Monday, March 19, 2018 13:35:25 Pacific Daylight Time  
Printed: Monday, March 19, 2018 13:36:00 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

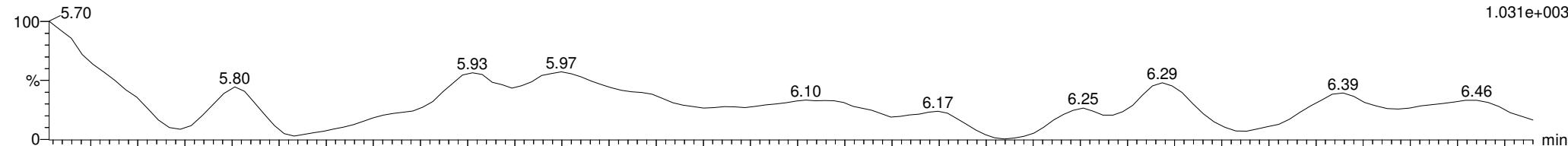
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_20, Date: 17-Mar-2018, Time: 23:23:38, ID: 1800367-04RE1 WI-A06-6-S-02-0218 0.11895, Description: WI-A06-6-S-02-0218

**PFD0A**

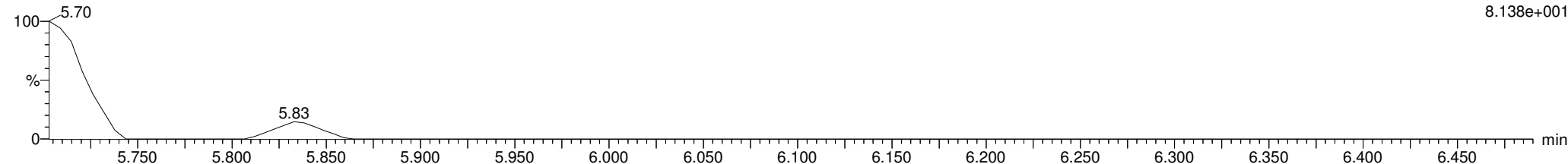
180317M1\_20 Smooth(Mn,1x2)  
WI-A06-6-S-02-0218 1800367-04RE1 WI-A06-6-S-02-0218 0.11895

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
1.031e+003



180317M1\_20 Smooth(Mn,1x2)  
WI-A06-6-S-02-0218 1800367-04RE1 WI-A06-6-S-02-0218 0.11895

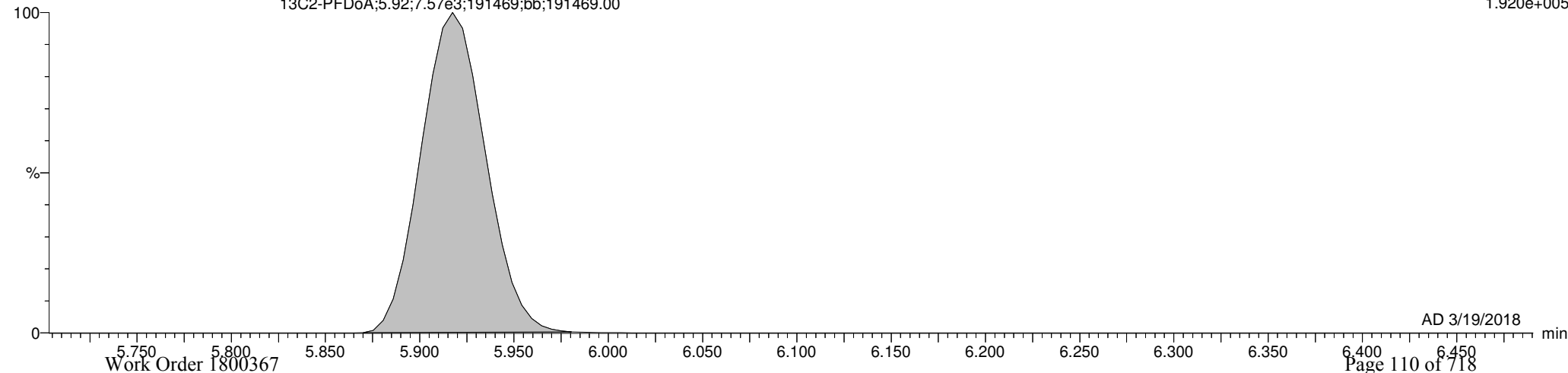
F53:MRM of 4 channels,ES-  
612.9 > 318.8  
8.138e+001



**13C2-PFD0A**

180317M1\_20 Smooth(Mn,1x2)  
WI-A06-6-S-02-0218 1800367-04RE1 WI-A06-6-S-02-0218 0.11895  
13C2-PFD0A;5.92;7.57e3;191469;bb;191469.00

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
1.920e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-20.qld

Last Altered: Monday, March 19, 2018 13:35:25 Pacific Daylight Time

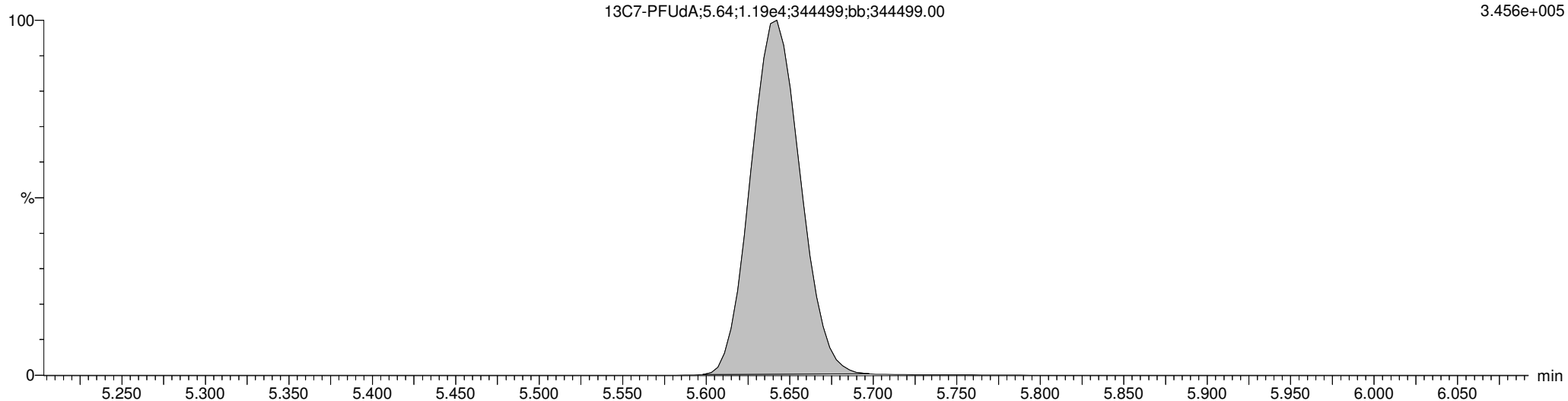
Printed: Monday, March 19, 2018 13:36:00 Pacific Daylight Time

Name: 180317M1\_20, Date: 17-Mar-2018, Time: 23:23:38, ID: 1800367-04RE1 WI-A06-6-S-02-0218 0.11895, Description: WI-A06-6-S-02-0218

13C7-PFUDa

180317M1\_20 Smooth(Mn,1x2)  
WI-A06-6-S-02-0218 1800367-04RE1 WI-A06-6-S-02-0218 0.11895

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
3.456e+005





Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-40.qld

Last Altered: Thursday, March 15, 2018 18:01:44 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:02:19 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_40, Date: 08-Mar-2018, Time: 15:01:45, ID: 1800367-05 WI-A06-6-S-05-0218 0.12239, Description: WI-A06-6-S-05-0218

	#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3	PFBS	299.0 > 79.7	4.45e1	1.55e3	0.122		2.98	2.70	0.360	1.4767	
2	5	PFHxA	313.2 > 268.9	2.00e2	4.76e3	0.122		3.48	3.20	0.209	1.0850	
3	7	PFHpA	363.0 > 318.9		1.17e4	0.122		4.10				
4	8	L-PFHxS	398.9 > 79.6	8.59e1	1.12e3	0.122		4.24	3.96	0.960	4.4503	
5	11	L-PFOA	413 > 368.7		1.55e4	0.122		4.45				
6	14	PFNA	463.0 > 418.8		1.45e4	0.122		5.04				
7	16	L-PFOS	499 > 79.9		3.36e3	0.122		4.84				
8	18	PFDA	513 > 468.8		1.03e4	0.122		5.40				
9	21	N-MeFOSAA	570.1 > 419		4.56e3	0.122		5.55				
10	22	N-EtFOSAA	584.2 > 419		4.78e3	0.122		5.70				
11	23	PFUdA	563.0 > 518.9		1.11e4	0.122		5.72				

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-40.qld

Last Altered: Thursday, March 15, 2018 18:01:44 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:02:26 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_40, Date: 08-Mar-2018, Time: 15:01:45, ID: 1800367-05 WI-A06-6-S-05-0218 0.12239, Description: WI-A06-6-S-05-0218

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	27	PFTrDA	662.9 > 618.9	1.03e4	0.122		6.22					
2	28	PFTeDA	712.9 > 668.8	5.31e3	0.122		6.41					
3	36	13C3-PFBS	302. > 98.8	1.55e3	1.72e4	0.122	0.101	2.98	2.70	1.12	90.9501	89.1
4	37	13C2-PFHxA	315 > 269.8	4.76e3	1.72e4	0.122	0.744	3.48	3.19	3.46	38.0464	93.1
5	38	13C4-PFHpA	367.2 > 321.8	1.17e4	1.72e4	0.122	0.740	4.10	3.80	8.50	93.8515	91.9
6	39	18O2-PFHxS	403.0 > 102.6	1.12e3	3.17e3	0.122	0.424	4.24	3.95	4.41	84.9381	83.2
7	40	13C2-6:2 FTS	429.1 > 408.9	3.49e3	1.43e4	0.122	0.254	4.56	4.27	3.06	98.5065	96.4
8	41	13C2-PFOA	414.9 > 369.7	1.55e4	1.43e4	0.122	1.129	4.61	4.33	13.6	98.4447	96.4
9	42	13C5-PFNA	468.2 > 422.9	1.45e4	1.78e4	0.122	1.006	5.04	4.76	10.2	82.6910	81.0
10	43	13C8-PFOSA	506.1 > 77.7	6.07e2	1.44e4	0.122	0.182	5.09	4.84	0.526	23.6382	23.1
11	44	13C8-PFOS	507.0 > 79.9	3.36e3	3.52e3	0.122	1.049	5.11	4.84	11.9	93.0601	91.1
12	45	13C2-PFDA	515.1 > 469.9	1.03e4	1.23e4	0.122	1.082	5.40	5.14	10.5	79.2379	77.6
13	46	13C2-8:2 FTS	529.1 > 508.7	2.55e3	1.72e4	0.122	0.161	5.38	5.10	1.85	94.1312	92.2
14	47	d3-N-MeFOSAA	573.3 > 419	4.56e3	1.44e4	0.122	0.426	5.55	5.29	3.95	75.7248	74.1
15	48	d5-N-EtFOSAA	589.3 > 419	4.78e3	1.44e4	0.122	0.459	5.70	5.44	4.14	73.7037	72.2
16	49	13C2-PFUdA	565 > 519.8	1.11e4	1.44e4	0.122	1.051	5.72	5.46	9.64	75.0035	73.4
17	50	13C2-PFDoA	615.0 > 569.7	1.03e4	1.44e4	0.122	0.827	5.99	5.74	8.93	88.2401	86.4
18	51	d3-N-MeFOSA	515.2 > 168.9		1.44e4	0.122	0.107	5.93				
19	52	13C2-PFTeDA	714.8 > 669.6	5.31e3	1.44e4	0.122	0.514	6.41	6.21	4.60	73.0344	71.5
20	53	d5-N-ETFOSA	531.1 > 168.9		1.44e4	0.122	0.152	6.25				
21	54	13C2-PFHxDA	815 > 769.7	2.52e3	1.44e4	0.122	1.185	6.69	6.55	2.19	15.0643	36.9
22	55	d7-N-MeFOSE	623.1 > 58.9		1.44e4	0.122	0.122	6.31				
23	56	d9-N-EtFOSE	639.2 > 58.8		1.44e4	0.122	0.109	6.45				
24	57	13C4-PFBA	217. > 171.8	1.04e4	1.04e4	0.122	1.000	1.73	1.46	12.5	102.1325	100.0
25	58	13C5-PFHxA	318 > 272.9	1.72e4	1.72e4	0.122	1.000	3.48	3.19	12.5	102.1325	100.0
26	59	13C3-PFHxS	401.9 > 79.9	3.17e3	3.17e3	0.122	1.000	4.24	3.95	12.5	102.1325	100.0
27	60	13C8-PFOA	421.3 > 376	1.43e4	1.43e4	0.122	1.000	4.61	4.33	12.5	102.1325	100.0
28	61	13C9-PFNA	472.2 > 426.9	1.78e4	1.78e4	0.122	1.000	4.70	4.76	12.5	102.1325	100.0
29	62	13C4-PFOS	503 > 79.9	3.52e3	3.52e3	0.122	1.000	5.11	4.84	12.5	102.1325	100.0
30	63	13C6-PFDA	519.1 > 473.7	1.23e4	1.23e4	0.122	1.000	5.40	5.14	12.5	102.1325	100.0
31	64	13C7-PFUdA	570.1 > 524.8	1.44e4	1.44e4	0.122	1.000	5.72	5.46	12.5	102.1325	100.0
32	65	Total PFHxS	398.9 > 79.6	8.59e1	1.12e3	0.122		4.24		0.960	4.4503	

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-40.qld

Last Altered: Thursday, March 15, 2018 18:01:44 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:02:26 Pacific Daylight Time

Name: 180307M2\_40, Date: 08-Mar-2018, Time: 15:01:45, ID: 1800367-05 WI-A06-6-S-05-0218 0.12239, Description: WI-A06-6-S-05-0218

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
33	66 Total PFOA	413 > 368.7	0.00e0	1.55e4	0.122		4.61		0.000		
34	67 Total PFOS	499 > 79.9	0.00e0	3.36e3	0.122		5.11		0.000		
35	68 Total N-MeFOSAA	570.1 > 419	0.00e0	4.56e3	0.122		5.55		0.000		
36	69 Total N-EtFOSAA	584.2 > 419	0.00e0	4.78e3	0.122		5.70		0.000		

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-40.qld

Last Altered: Thursday, March 15, 2018 18:01:44 Pacific Daylight Time

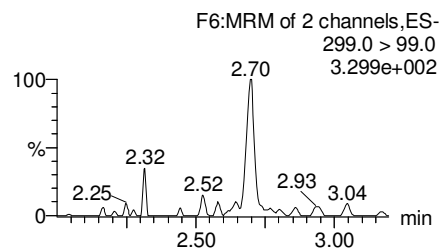
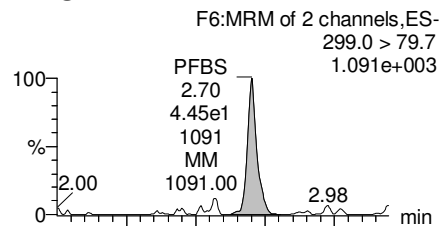
Printed: Thursday, March 15, 2018 18:02:26 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

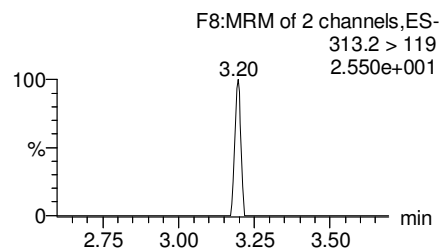
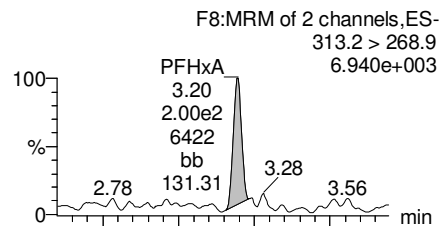
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_40, Date: 08-Mar-2018, Time: 15:01:45, ID: 1800367-05 WI-A06-6-S-05-0218 0.12239, Description: WI-A06-6-S-05-0218

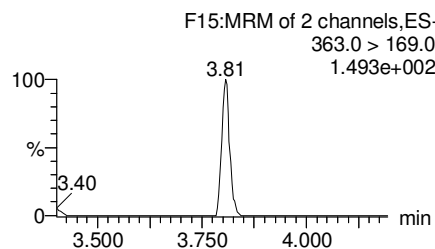
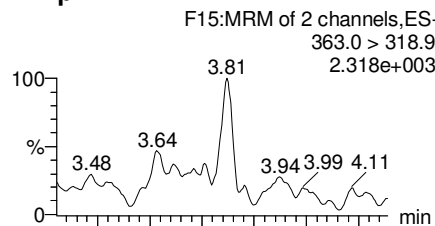
**PFBS**



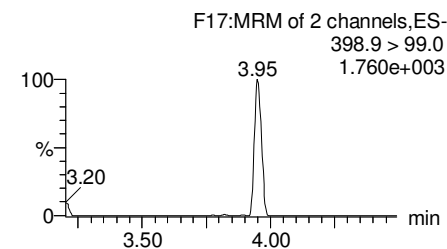
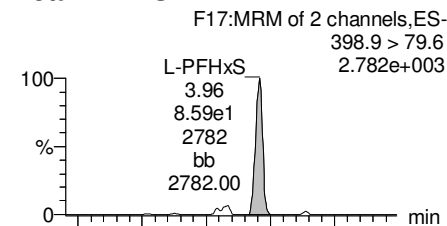
**PFHxA**



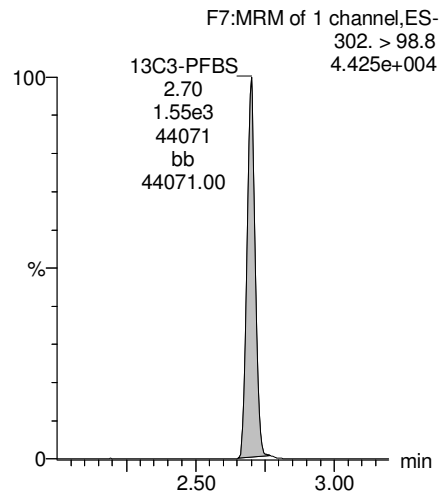
**PFHpA**



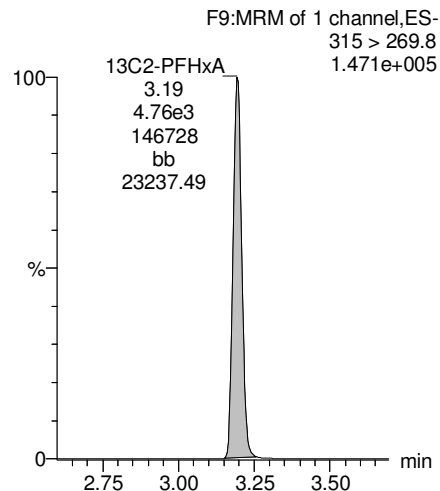
**Total PFHxS**



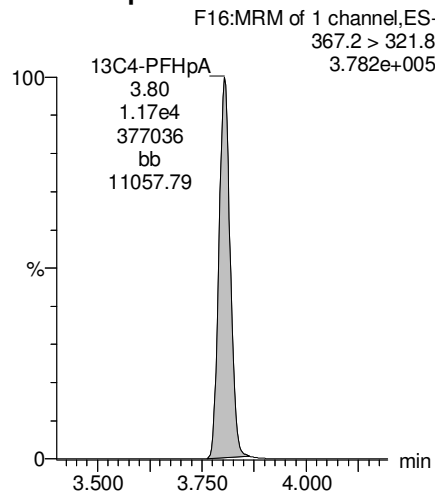
**13C3-PFBS**



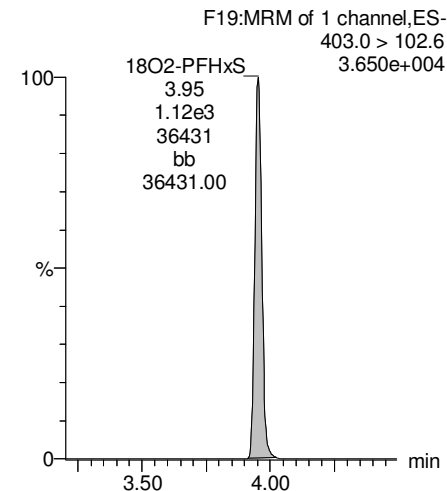
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-40.qld

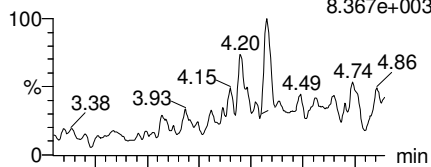
Last Altered: Thursday, March 15, 2018 18:01:44 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:02:26 Pacific Daylight Time

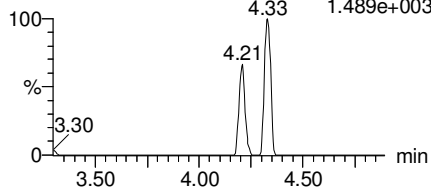
Name: 180307M2\_40, Date: 08-Mar-2018, Time: 15:01:45, ID: 1800367-05 WI-A06-6-S-05-0218 0.12239, Description: WI-A06-6-S-05-0218

**Total PFOA**

F20:MRM of 2 channels,ES-  
413 > 368.7  
8.367e+003

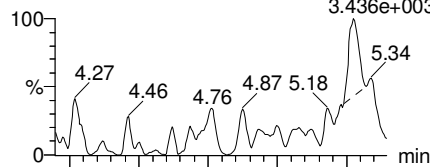


F20:MRM of 2 channels,ES-  
413 > 169  
1.489e+003

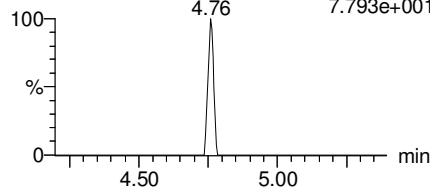


**PFNA**

F26:MRM of 2 channels,ES-  
463.0 > 418.8  
3.436e+003

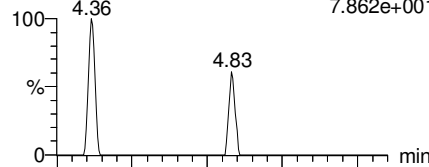


F26:MRM of 2 channels,ES-  
463.0 > 219.0  
7.793e+001

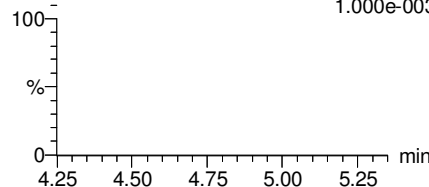


**Total PFOS**

F31:MRM of 2 channels,ES-  
499 > 79.9  
7.862e+001

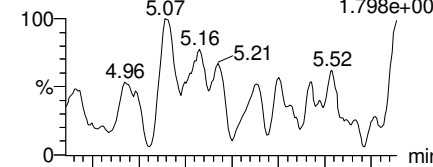


F31:MRM of 2 channels,ES-  
499 > 99  
1.000e-003

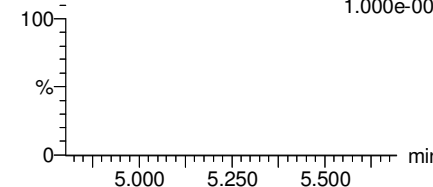


**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
1.798e+003

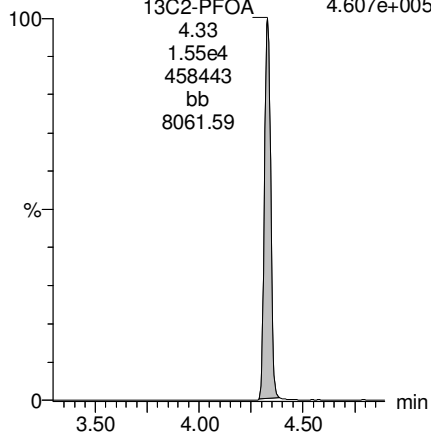


F36:MRM of 2 channels,ES-  
513 > 219  
1.000e-003



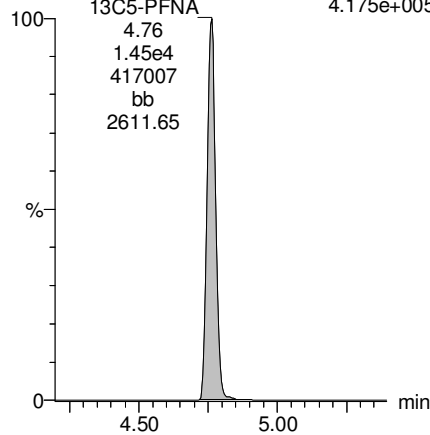
**13C2-PFOA**

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
4.607e+005



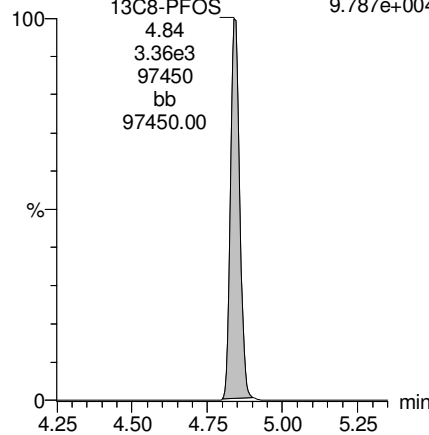
**13C5-PFNA**

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
4.175e+005



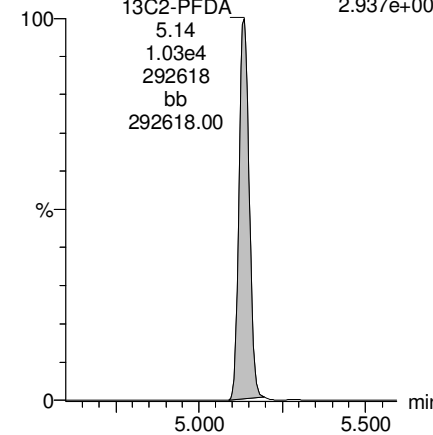
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
9.787e+004



**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
2.937e+005



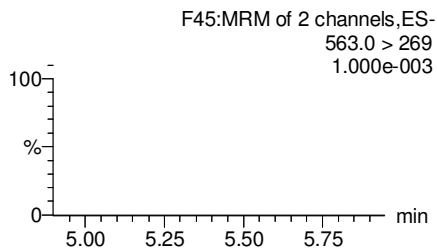
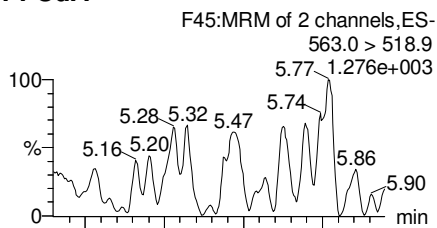
Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-40.qld

Last Altered: Thursday, March 15, 2018 18:01:44 Pacific Daylight Time

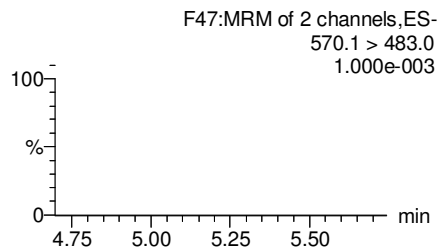
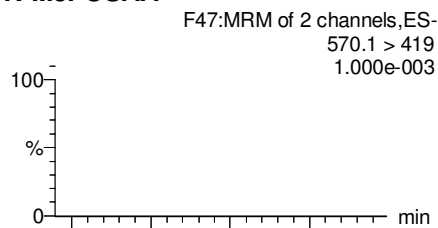
Printed: Thursday, March 15, 2018 18:02:26 Pacific Daylight Time

Name: 180307M2\_40, Date: 08-Mar-2018, Time: 15:01:45, ID: 1800367-05 WI-A06-6-S-05-0218 0.12239, Description: WI-A06-6-S-05-0218

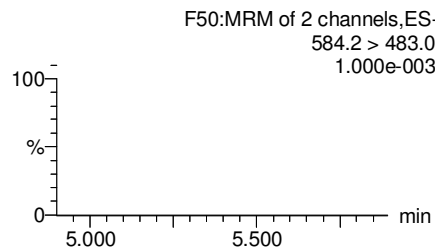
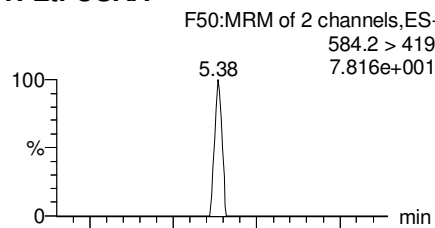
**PFUdA**



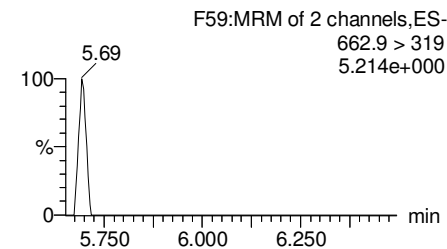
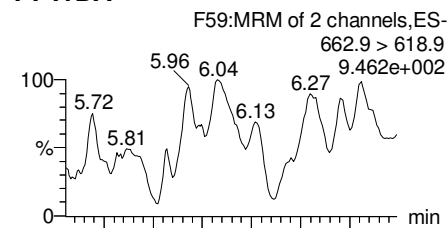
**N-MeFOSAA**



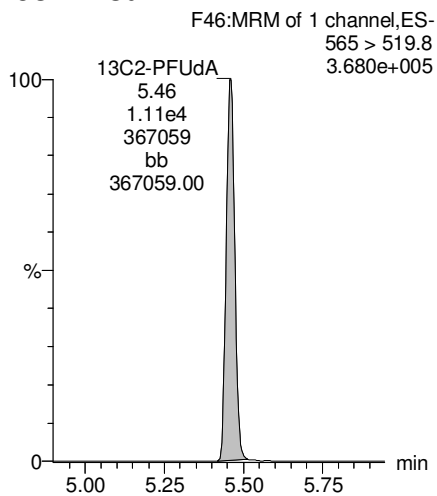
**N-EtFOSAA**



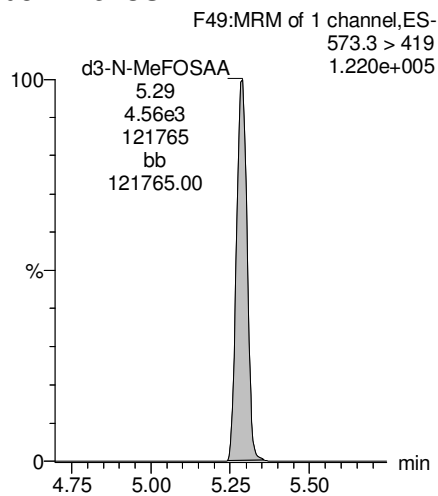
**PFTrDA**



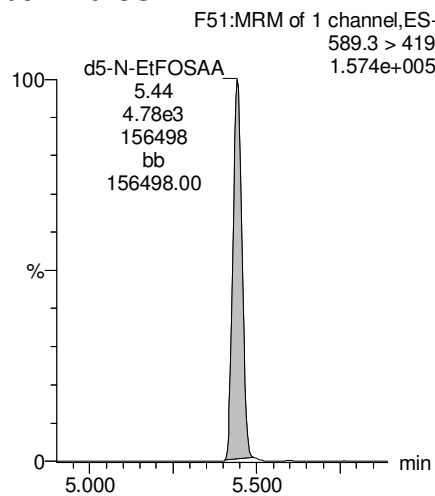
**13C2-PFUdA**



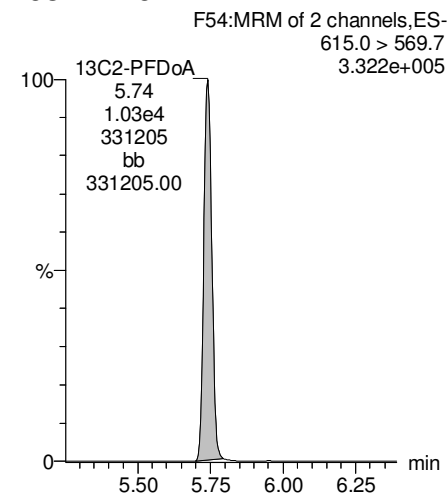
**d3-N-MeFOSAA**



**d5-N-EtFOSAA**



**13C2-PFDoA**



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-40.qld

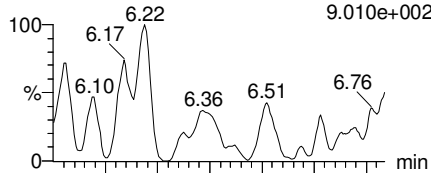
Last Altered: Thursday, March 15, 2018 18:01:44 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:02:26 Pacific Daylight Time

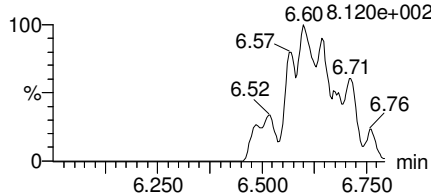
Name: 180307M2\_40, Date: 08-Mar-2018, Time: 15:01:45, ID: 1800367-05 WI-A06-6-S-05-0218 0.12239, Description: WI-A06-6-S-05-0218

**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
9.010e+002

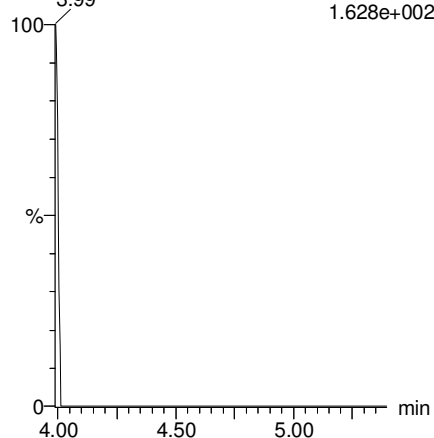


F60:MRM of 2 channels,ES-  
712.9 > 369  
6.608.120e+002



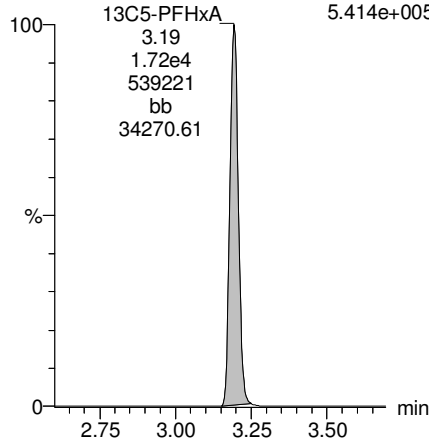
**TCDA**

F30:MRM of 3 channels,ES-  
498.3 > 106.9  
1.628e+002



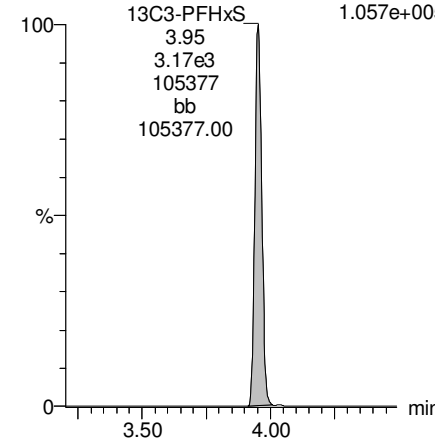
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
5.414e+005



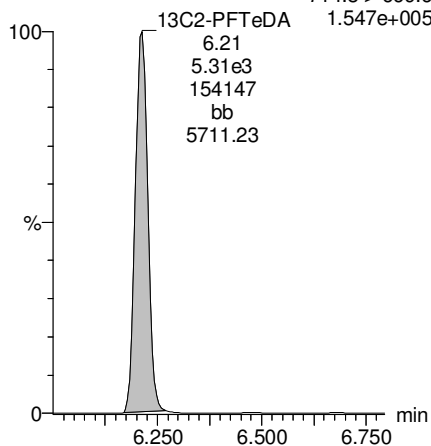
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
1.057e+005



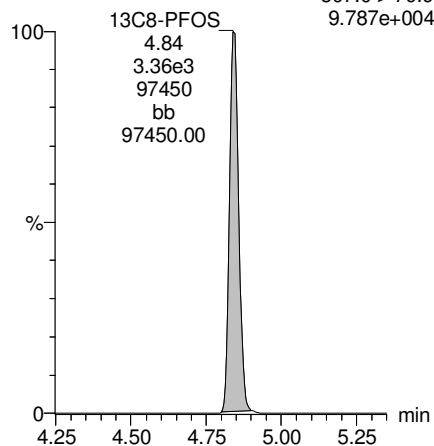
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
1.547e+005



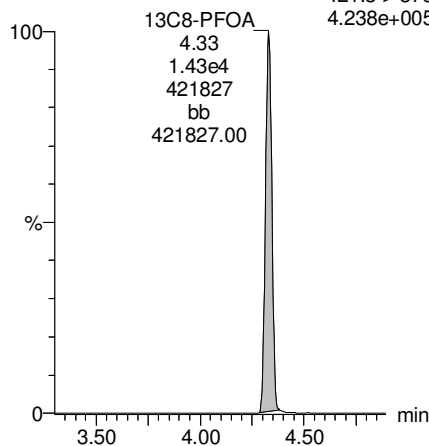
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
9.787e+004



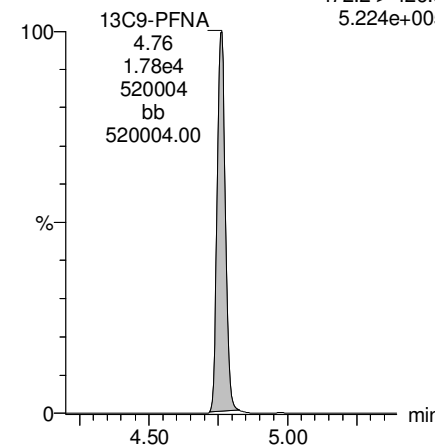
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
4.238e+005



**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
5.224e+005



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-40.qld

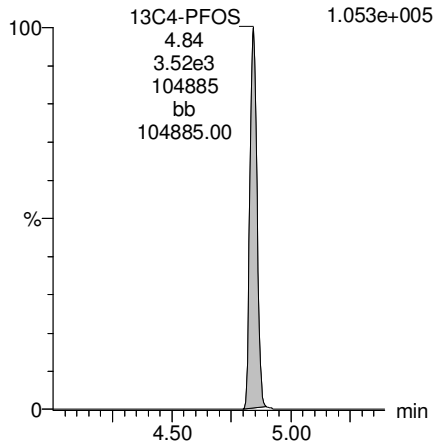
Last Altered: Thursday, March 15, 2018 18:01:44 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:02:26 Pacific Daylight Time

Name: 180307M2\_40, Date: 08-Mar-2018, Time: 15:01:45, ID: 1800367-05 WI-A06-6-S-05-0218 0.12239, Description: WI-A06-6-S-05-0218

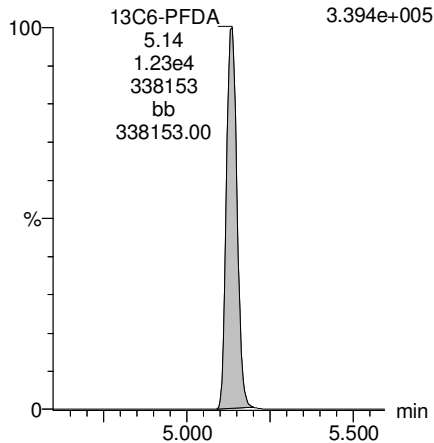
13C4-PFOS

F32:MRM of 1 channel,ES-  
503 > 79.9  
1.053e+005



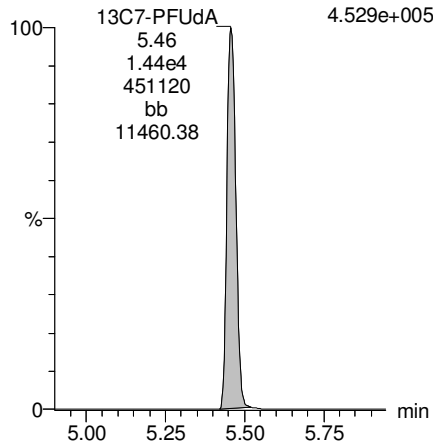
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
3.394e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
4.529e+005





Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-21.qld

Last Altered: Monday, March 19, 2018 13:36:29 Pacific Daylight Time

Printed: Monday, March 19, 2018 13:36:50 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_21, Date: 17-Mar-2018, Time: 23:35:06, ID: 1800367-05RE1 WI-A06-6-S-05-0218 0.12239, Description: WI-A06-6-S-05-0218

#	Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	25 PFDoA	612.9 > 569.0		5.91e3		0.1207	6.14				
2	50 13C2-PFDoA	615.0 > 569.7	5.91e3	1.14e4	0.875	0.1207	6.14	5.92	6.47	61.3	59.2
3	64 13C7-PFUdA	570.1 > 524.8	1.14e4	1.14e4	1.000	0.1207	5.87	5.63	12.5	104	100.0

Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-21.qld

Last Altered: Monday, March 19, 2018 13:36:29 Pacific Daylight Time  
Printed: Monday, March 19, 2018 13:36:50 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

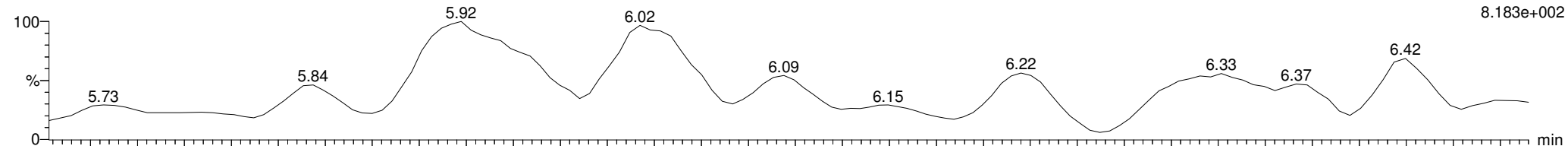
Name: 180317M1\_21, Date: 17-Mar-2018, Time: 23:35:06, ID: 1800367-05RE1 WI-A06-6-S-05-0218 0.12239, Description: WI-A06-6-S-05-0218

**PFD<sub>o</sub>A**

180317M1\_21 Smooth(Mn,1x2)

WI-A06-6-S-05-0218 1800367-05RE1 WI-A06-6-S-05-0218 0.12239

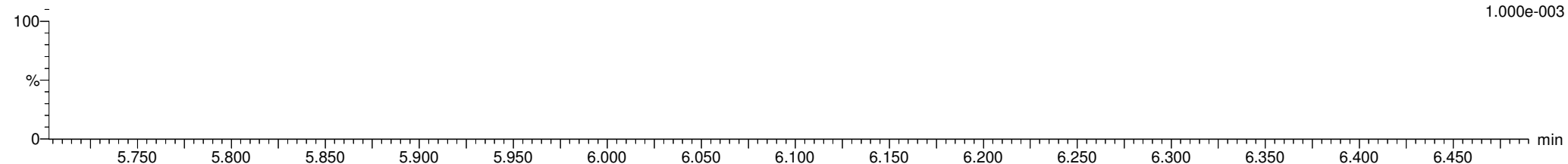
F53:MRM of 4 channels,ES-  
612.9 > 569.0  
8.183e+002



180317M1\_21 Smooth(Mn,1x2)

WI-A06-6-S-05-0218 1800367-05RE1 WI-A06-6-S-05-0218 0.12239

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



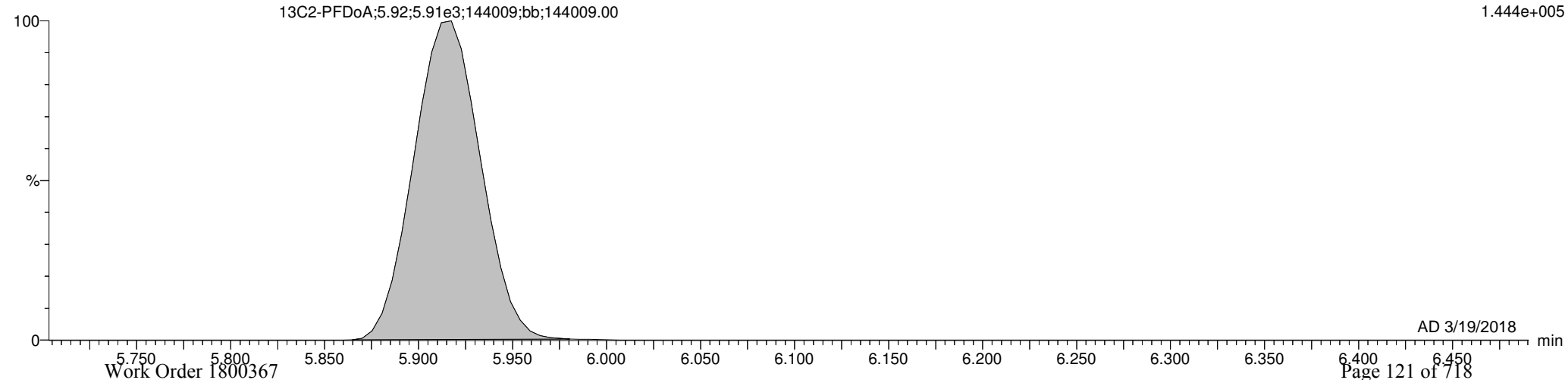
**<sup>13</sup>C2-PFD<sub>o</sub>A**

180317M1\_21 Smooth(Mn,1x2)

WI-A06-6-S-05-0218 1800367-05RE1 WI-A06-6-S-05-0218 0.12239

<sup>13</sup>C2-PFD<sub>o</sub>A;5.92;5.91e3;144009;bb;144009.00

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
1.444e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-21.qld

Last Altered: Monday, March 19, 2018 13:36:29 Pacific Daylight Time

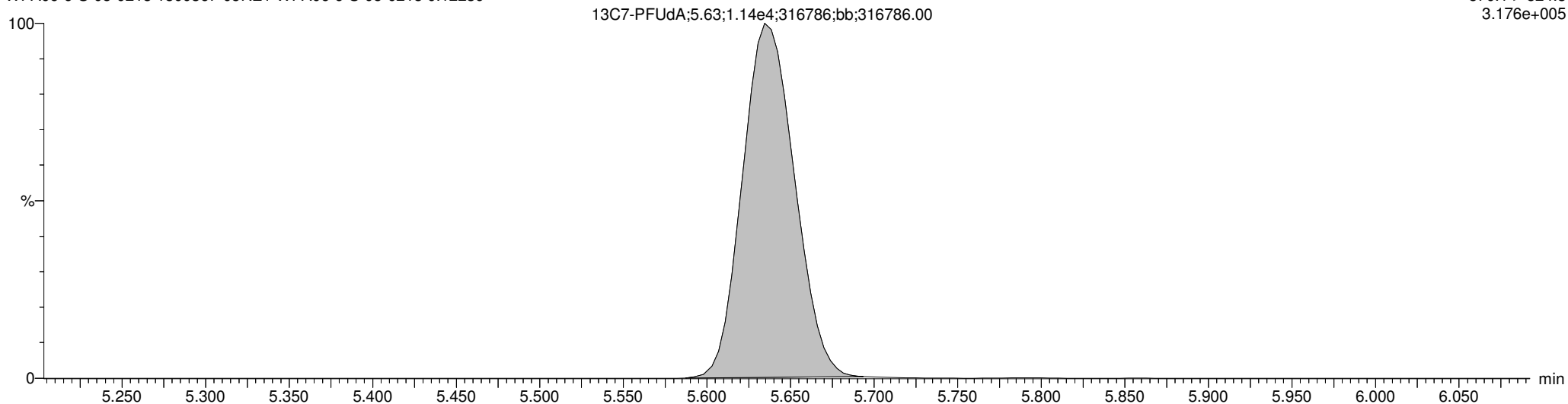
Printed: Monday, March 19, 2018 13:36:50 Pacific Daylight Time

Name: 180317M1\_21, Date: 17-Mar-2018, Time: 23:35:06, ID: 1800367-05RE1 WI-A06-6-S-05-0218 0.12239, Description: WI-A06-6-S-05-0218

13C7-PFUDa

180317M1\_21 Smooth(Mn,1x2)  
WI-A06-6-S-05-0218 1800367-05RE1 WI-A06-6-S-05-0218 0.12239

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
3.176e+005



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-41.qld

Last Altered: Thursday, March 15, 2018 18:07:53 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:08:54 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_41, Date: 08-Mar-2018, Time: 15:13:12, ID: 1800367-06 WI-A06-6-S-05P-0218 0.12532, Description: WI-A06-6-S-05P-0218

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7	3.98e1	1.57e3	0.125		2.98	2.70	0.318	1.2533	
2	5 PFHxA	313.2 > 268.9		4.31e3	0.125		3.48				
3	7 PFHpA	363.0 > 318.9	9.56e1	1.07e4	0.125		4.10	3.81	0.111	0.6543	
4	8 L-PFHxS	398.9 > 79.6	8.76e1	1.36e3	0.125		4.24	3.95	0.804	3.6551	
5	11 L-PFOA	413 > 368.7		1.56e4	0.125		4.45				
6	14 PFNA	463.0 > 418.8		1.35e4	0.125		5.04				
7	16 L-PFOS	499 > 79.9		2.82e3	0.125		4.84				
8	18 PFDA	513 > 468.8		1.07e4	0.125		5.40				
9	21 N-MeFOSAA	570.1 > 419		4.63e3	0.125		5.55				
10	22 N-EtFOSAA	584.2 > 419		4.69e3	0.125		5.70				
11	23 PFUdA	563.0 > 518.9		1.02e4	0.125		5.72				

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-41.qld

Last Altered: Thursday, March 15, 2018 18:07:53 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:09:02 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_41, Date: 08-Mar-2018, Time: 15:13:12, ID: 1800367-06 WI-A06-6-S-05P-0218 0.12532, Description: WI-A06-6-S-05P-0218

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	27	PFTrDA	662.9 > 618.9	8.27e3	0.125		6.22					
2	28	PFTeDA	712.9 > 668.8	2.69e3	0.125		6.41					
3	36	13C3-PFBS	302. > 98.8	1.57e3	1.56e4	0.125	0.101	2.98	2.70	1.26	99.6142	99.9
4	37	13C2-PFHxA	315 > 269.8	4.31e3	1.56e4	0.125	0.744	3.48	3.20	3.46	37.1396	93.1
5	38	13C4-PFHpA	367.2 > 321.8	1.07e4	1.56e4	0.125	0.740	4.10	3.80	8.63	93.0576	93.3
6	39	18O2-PFHxS	403.0 > 102.6	1.36e3	3.18e3	0.125	0.424	4.24	3.95	5.35	100.6710	100.9
7	40	13C2-6:2 FTS	429.1 > 408.9	3.26e3	1.69e4	0.125	0.254	4.56	4.27	2.41	75.7632	76.0
8	41	13C2-PFOA	414.9 > 369.7	1.56e4	1.69e4	0.125	1.129	4.61	4.33	11.5	81.5469	81.8
9	42	13C5-PFNA	468.2 > 422.9	1.35e4	1.79e4	0.125	1.006	5.04	4.76	9.45	74.9089	75.1
10	43	13C8-PFOSA	506.1 > 77.7	7.78e2	1.64e4	0.125	0.182	5.09	4.84	0.592	26.0023	26.1
11	44	13C8-PFOS	507.0 > 79.9	2.82e3	3.01e3	0.125	1.049	5.11	4.84	11.7	89.1976	89.4
12	45	13C2-PFDA	515.1 > 469.9	1.07e4	1.43e4	0.125	1.082	5.40	5.14	9.38	69.2145	69.4
13	46	13C2-8:2 FTS	529.1 > 508.7	2.34e3	1.56e4	0.125	0.161	5.38	5.11	1.88	93.4991	93.7
14	47	d3-N-MeFOSAA	573.3 > 419	4.63e3	1.64e4	0.125	0.426	5.55	5.29	3.52	65.9922	66.2
15	48	d5-N-EtFOSAA	589.3 > 419	4.69e3	1.64e4	0.125	0.459	5.70	5.44	3.57	62.0389	62.2
16	49	13C2-PFUdA	565 > 519.8	1.02e4	1.64e4	0.125	1.051	5.72	5.46	7.80	59.2579	59.4
17	50	13C2-PFDoA	615.0 > 569.7	8.27e3	1.64e4	0.125	0.827	5.99	5.74	6.30	60.7564	60.9
18	51	d3-N-MeFOSA	515.2 > 168.9		1.64e4	0.125	0.107	5.93				
19	52	13C2-PFTeDA	714.8 > 669.6	2.69e3	1.64e4	0.125	0.514	6.41	6.21	2.05	31.7827	31.9
20	53	d5-N-ETFOSA	531.1 > 168.9		1.64e4	0.125	0.152	6.25				
21	54	13C2-PFHxDA	815 > 769.7	8.22e2	1.64e4	0.125	1.185	6.69	6.55	0.626	4.2143	10.6
22	55	d7-N-MeFOSE	623.1 > 58.9		1.64e4	0.125	0.122	6.31				
23	56	d9-N-EtFOSE	639.2 > 58.8		1.64e4	0.125	0.109	6.45				
24	57	13C4-PFBA	217. > 171.8	1.10e4	1.10e4	0.125	1.000	1.73	1.46	12.5	99.7447	100.0
25	58	13C5-PFHxA	318 > 272.9	1.56e4	1.56e4	0.125	1.000	3.48	3.19	12.5	99.7447	100.0
26	59	13C3-PFHxS	401.9 > 79.9	3.18e3	3.18e3	0.125	1.000	4.24	3.95	12.5	99.7447	100.0
27	60	13C8-PFOA	421.3 > 376	1.69e4	1.69e4	0.125	1.000	4.61	4.33	12.5	99.7447	100.0
28	61	13C9-PFNA	472.2 > 426.9	1.79e4	1.79e4	0.125	1.000	4.70	4.76	12.5	99.7447	100.0
29	62	13C4-PFOS	503 > 79.9	3.01e3	3.01e3	0.125	1.000	5.11	4.84	12.5	99.7447	100.0
30	63	13C6-PFDA	519.1 > 473.7	1.43e4	1.43e4	0.125	1.000	5.40	5.14	12.5	99.7447	100.0
31	64	13C7-PFUdA	570.1 > 524.8	1.64e4	1.64e4	0.125	1.000	5.72	5.46	12.5	99.7447	100.0
32	65	Total PFHxS	398.9 > 79.6	8.76e1	1.36e3	0.125		4.24		0.804	3.6551	

H

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-41.qld

Last Altered: Thursday, March 15, 2018 18:07:53 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:09:02 Pacific Daylight Time

Name: 180307M2\_41, Date: 08-Mar-2018, Time: 15:13:12, ID: 1800367-06 WI-A06-6-S-05P-0218 0.12532, Description: WI-A06-6-S-05P-0218

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
33	66 Total PFOA	413 > 368.7	0.00e0	1.56e4	0.125		4.61		0.000		
34	67 Total PFOS	499 > 79.9	0.00e0	2.82e3	0.125		5.11		0.000		
35	68 Total N-MeFOSAA	570.1 > 419	0.00e0	4.63e3	0.125		5.55		0.000		
36	69 Total N-EtFOSAA	584.2 > 419	0.00e0	4.69e3	0.125		5.70		0.000		

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-41.qld

Last Altered: Thursday, March 15, 2018 18:07:53 Pacific Daylight Time

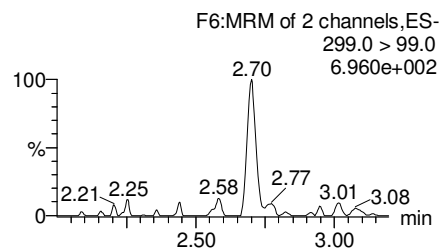
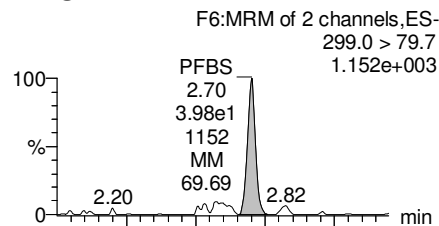
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

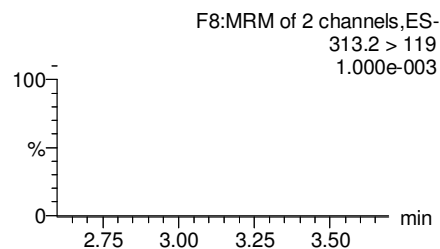
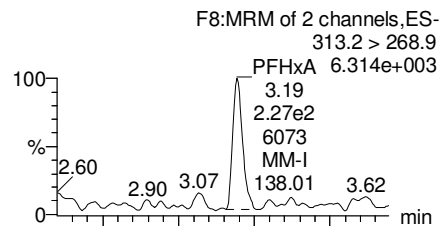
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_41, Date: 08-Mar-2018, Time: 15:13:12, ID: 1800367-06 WI-A06-6-S-05P-0218 0.12532, Description: WI-A06-6-S-05P-0218

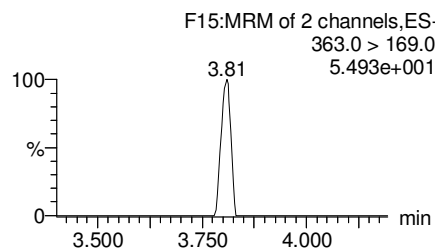
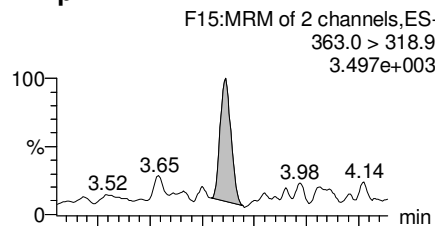
**PFBS**



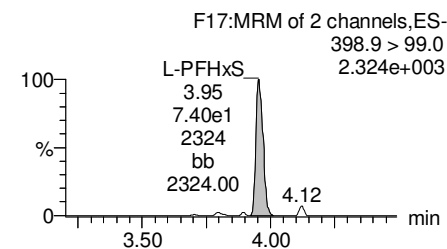
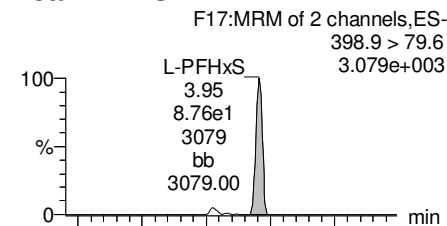
**PFHxA**



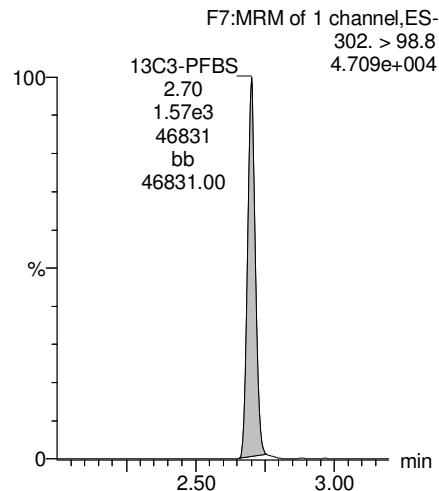
**PFHpA**



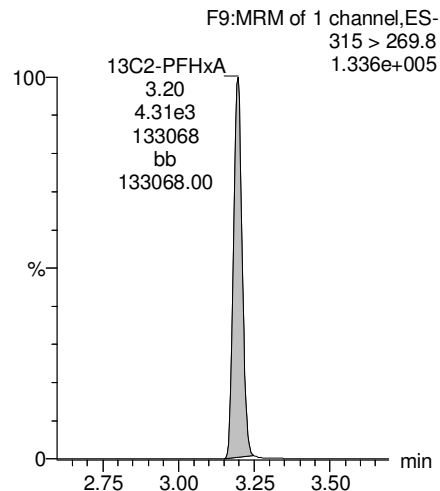
**Total PFHxS**



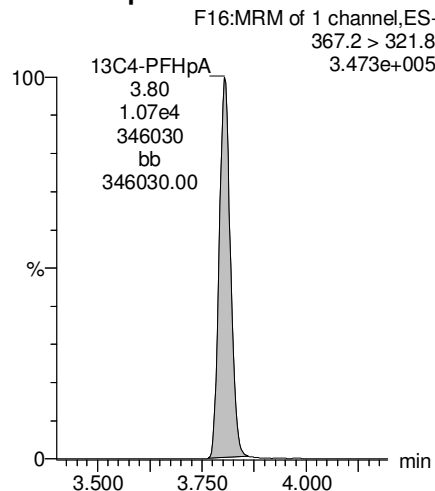
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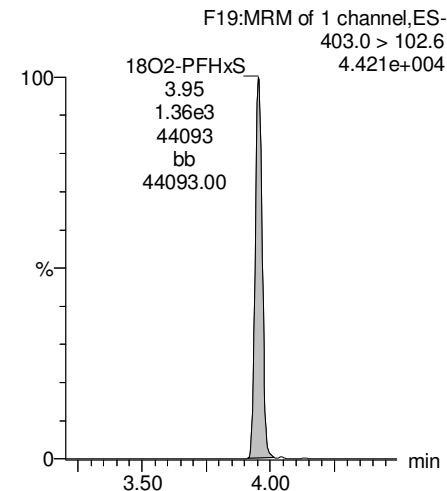
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-41.qld

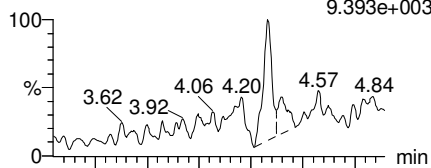
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Printed: Thursday, March 15, 2018 18:09:02 Pacific Daylight Time

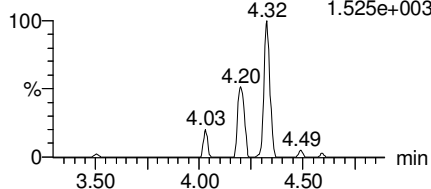
Name: 180307M2\_41, Date: 08-Mar-2018, Time: 15:13:12, ID: 1800367-06 WI-A06-6-S-05P-0218 0.12532, Description: WI-A06-6-S-05P-0218

**Total PFOA**

F20:MRM of 2 channels,ES-  
413 > 368.7  
9.393e+003

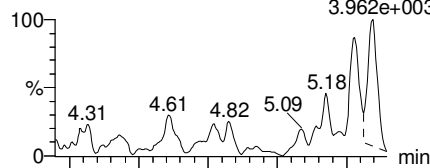


F20:MRM of 2 channels,ES-  
413 > 169  
1.525e+003

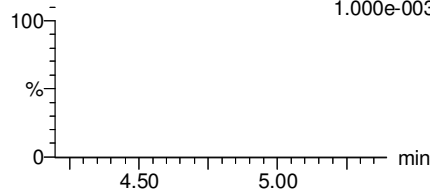


**PFNA**

F26:MRM of 2 channels,ES-  
463.0 > 418.8  
3.962e+003

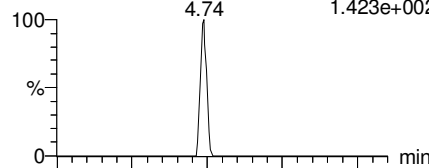


F26:MRM of 2 channels,ES-  
463.0 > 219.0  
1.000e-003

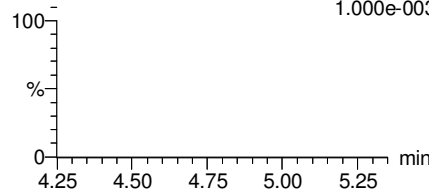


**Total PFOS**

F31:MRM of 2 channels,ES-  
499 > 79.9  
1.423e+002

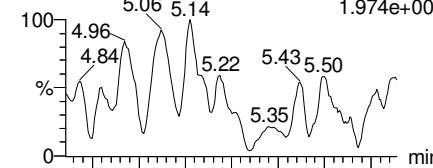


F31:MRM of 2 channels,ES-  
499 > 99  
1.000e-003

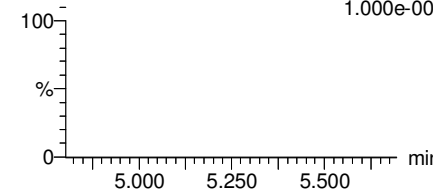


**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
1.974e+003

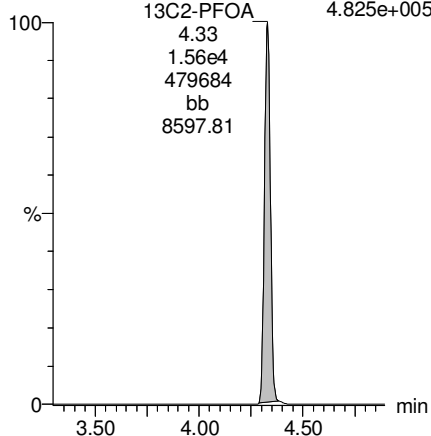


F36:MRM of 2 channels,ES-  
513 > 219  
1.000e-003



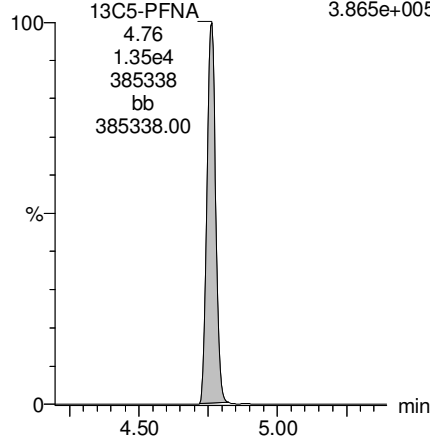
**13C2-PFOA**

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
4.825e+005



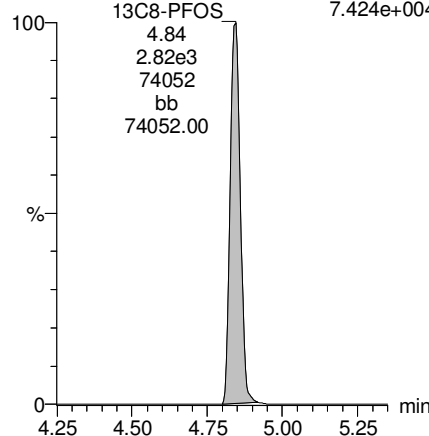
**13C5-PFNA**

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
3.865e+005



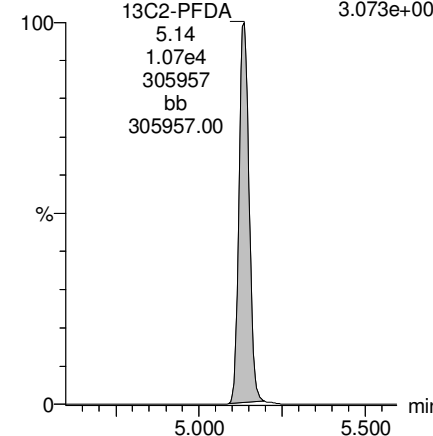
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
7.424e+004



**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
3.073e+005





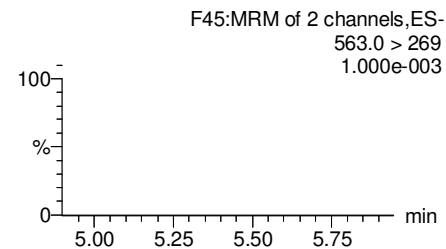
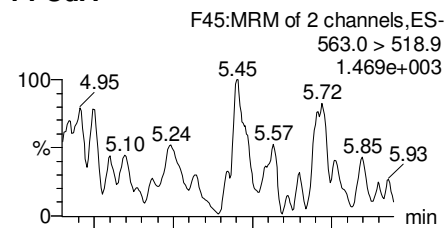
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Last Altered: Thursday, March 15, 2018 18:07:53 Pacific Daylight Time

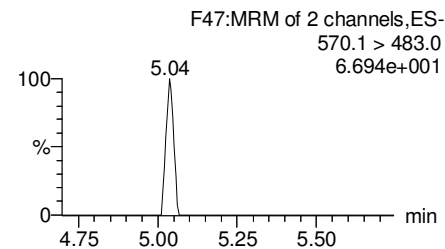
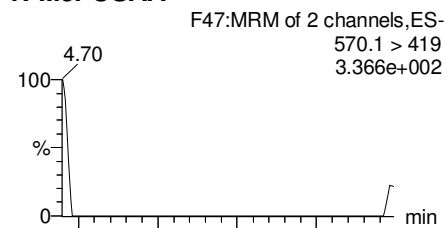
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Name: 180307M2\_41, Date: 08-Mar-2018, Time: 15:13:12, ID: 1800367-06 WI-A06-6-S-05P-0218 0.12532, Description: WI-A06-6-S-05P-0218

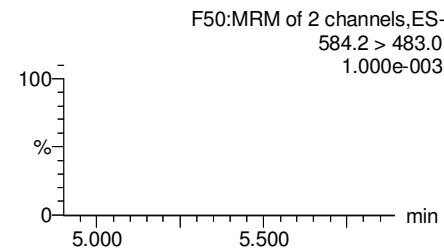
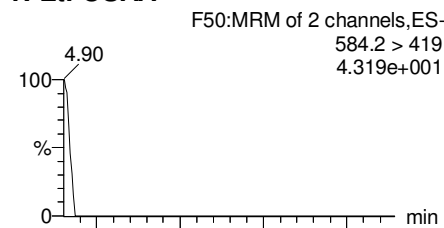
**PFUdA**



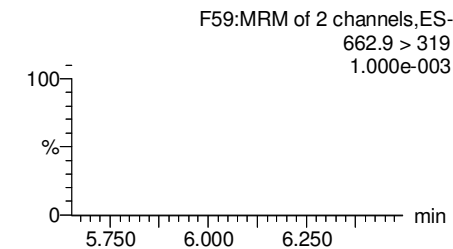
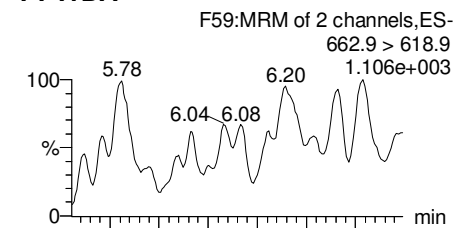
**N-MeFOSAA**



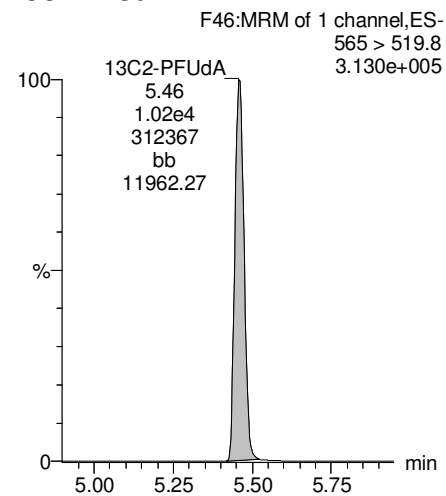
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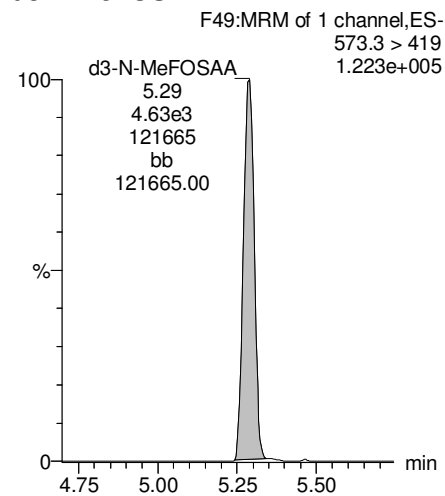
**PFTrDA**



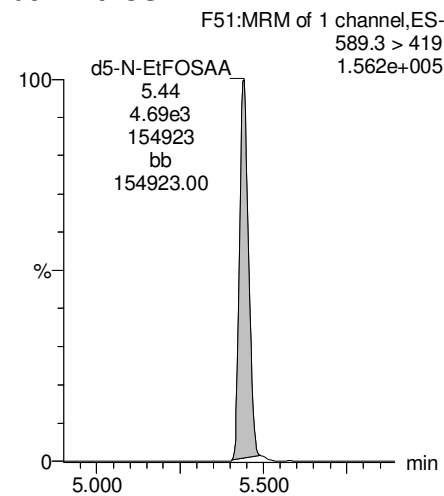
**13C2-PFUdA**



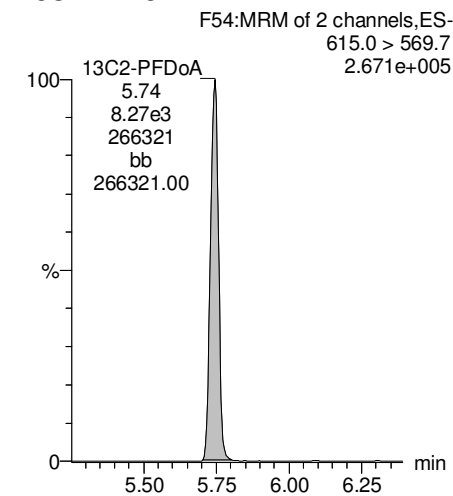
**d3-N-MeFOSAA**



**d5-N-EtFOSAA**



**13C2-PFDoA**



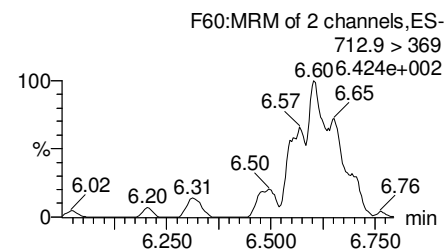
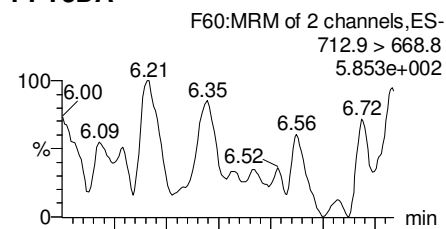
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Last Altered: Thursday, March 15, 2018 18:07:53 Pacific Daylight Time

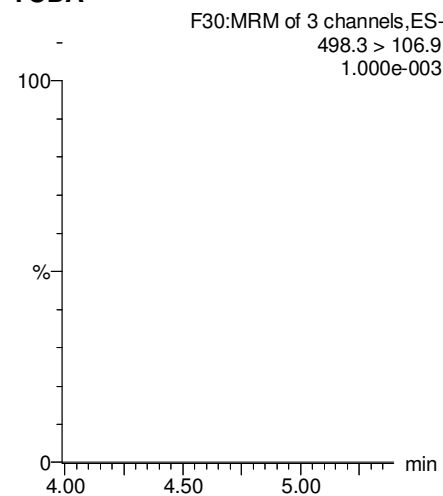
Printed: Thursday, March 15, 2018 18:09:02 Pacific Daylight Time

Name: 180307M2\_41, Date: 08-Mar-2018, Time: 15:13:12, ID: 1800367-06 WI-A06-6-S-05P-0218 0.12532, Description: WI-A06-6-S-05P-0218

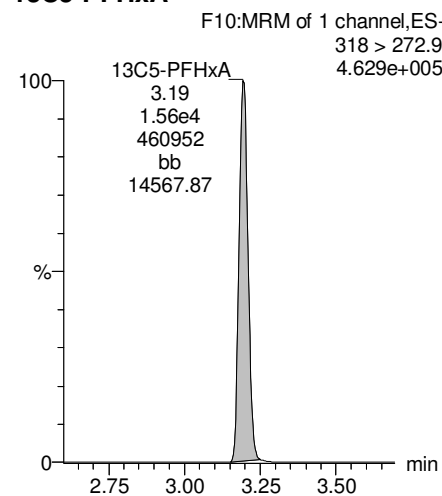
**PFTeDA**



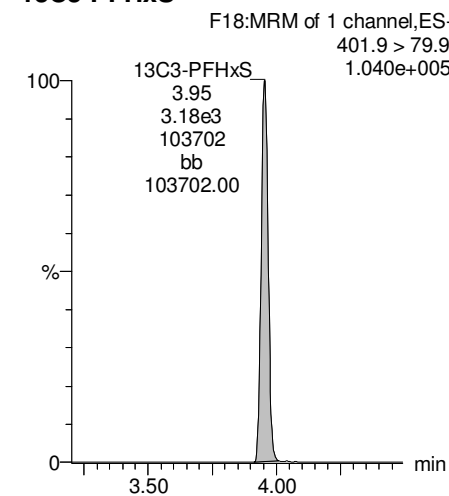
**TCDA**



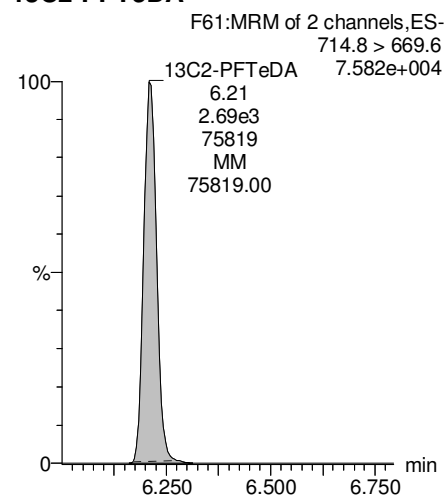
**13C5-PFHxA**



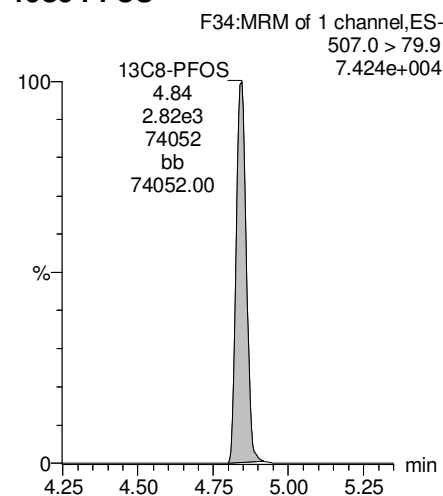
**13C3-PFHxS**



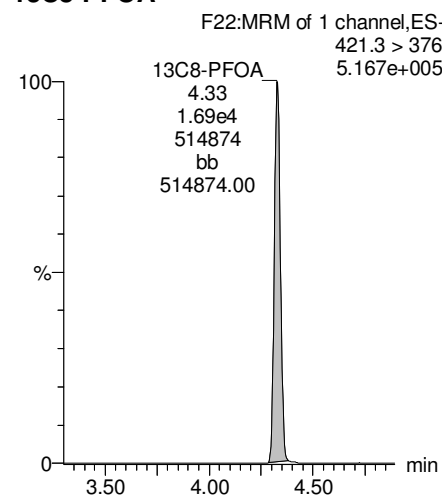
**13C2-PFTeDA**



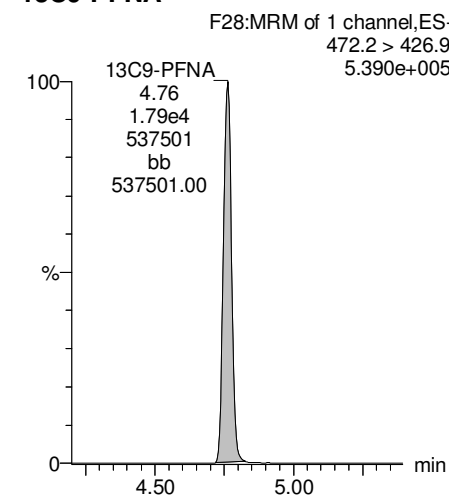
**13C8-PFOS**



**13C8-PFOA**



**13C9-PFNA**



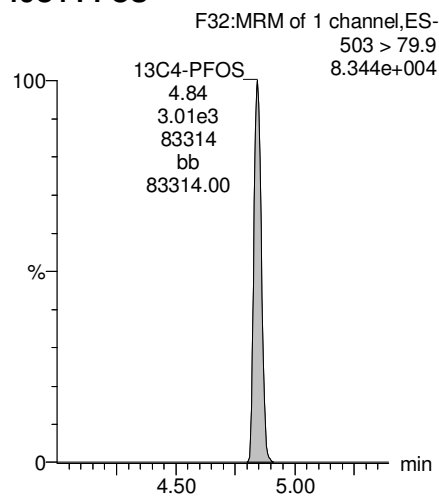
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Last Altered: Thursday, March 15, 2018 18:07:53 Pacific Daylight Time

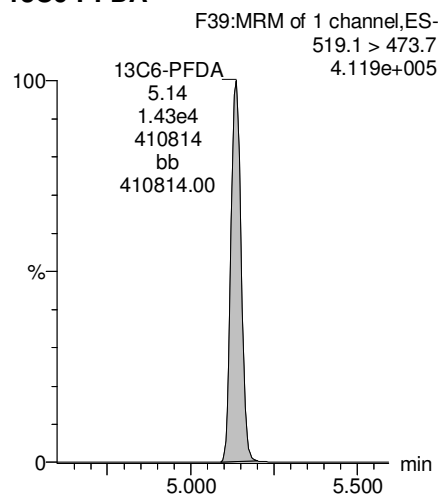
Printed: Thursday, March 15, 2018 18:09:02 Pacific Daylight Time

Name: 180307M2\_41, Date: 08-Mar-2018, Time: 15:13:12, ID: 1800367-06 WI-A06-6-S-05P-0218 0.12532, Description: WI-A06-6-S-05P-0218

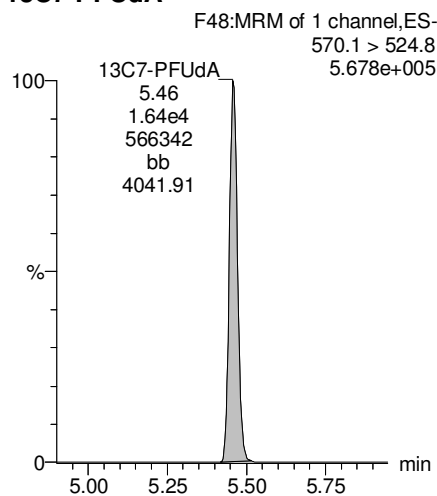
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-22.qld

Last Altered: Monday, March 19, 2018 13:37:17 Pacific Daylight Time

Printed: Monday, March 19, 2018 13:37:37 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_22, Date: 17-Mar-2018, Time: 23:46:35, ID: 1800367-06RE1 WI-A06-6-S-05P-0218 0.12532, Description: WI-A06-6-S-05P-0218

	# Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	25 PFDaA	612.9 > 569.0		6.09e3		0.1179	6.14				
2	50 13C2-PFDaA	615.0 > 569.7	6.09e3	1.03e4	0.875	0.1179	6.14	5.92	7.36	71.4	67.4
3	64 13C7-PFUdA	570.1 > 524.8	1.03e4	1.03e4	1.000	0.1179	5.87	5.64	12.5	106	100.0

Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-22.qld

Last Altered: Monday, March 19, 2018 13:37:17 Pacific Daylight Time  
Printed: Monday, March 19, 2018 13:37:37 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

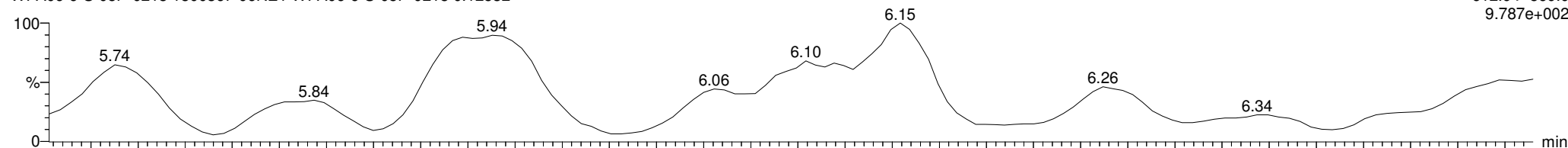
Name: 180317M1\_22, Date: 17-Mar-2018, Time: 23:46:35, ID: 1800367-06RE1 WI-A06-6-S-05P-0218 0.12532, Description: WI-A06-6-S-05P-0218

### PFD<sub>o</sub>A

180317M1\_22 Smooth(Mn,1x2)

WI-A06-6-S-05P-0218 1800367-06RE1 WI-A06-6-S-05P-0218 0.12532

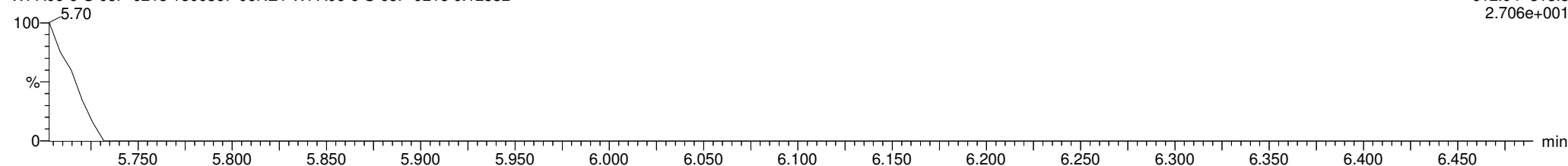
F53:MRM of 4 channels,ES-  
612.9 > 569.0  
9.787e+002



180317M1\_22 Smooth(Mn,1x2)

WI-A06-6-S-05P-0218 1800367-06RE1 WI-A06-6-S-05P-0218 0.12532

F53:MRM of 4 channels,ES-  
612.9 > 318.8  
2.706e+001

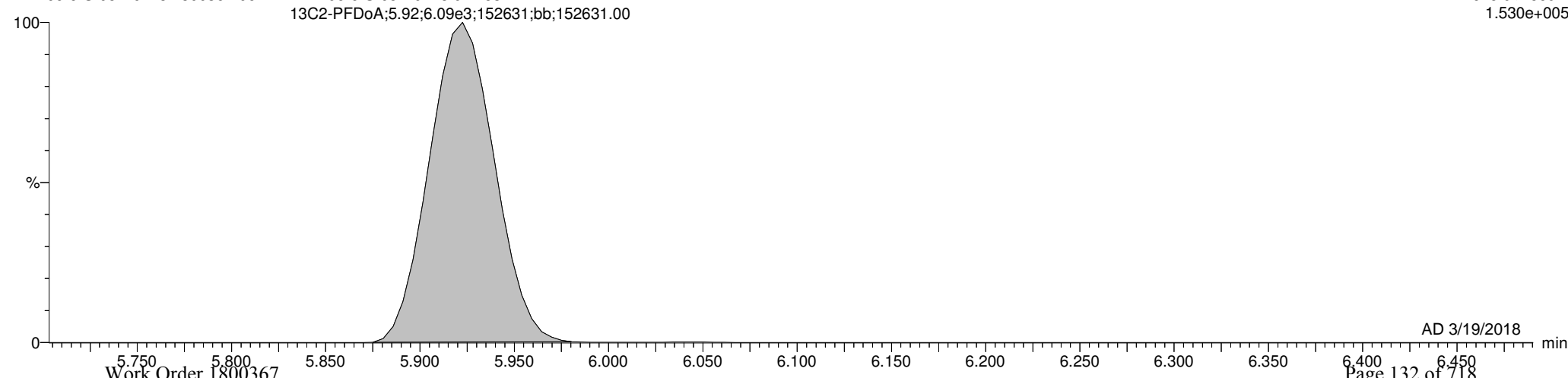


### <sup>13</sup>C2-PFD<sub>o</sub>A

180317M1\_22 Smooth(Mn,1x2)

WI-A06-6-S-05P-0218 1800367-06RE1 WI-A06-6-S-05P-0218 0.12532

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
1.530e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-22.qld

Last Altered: Monday, March 19, 2018 13:37:17 Pacific Daylight Time

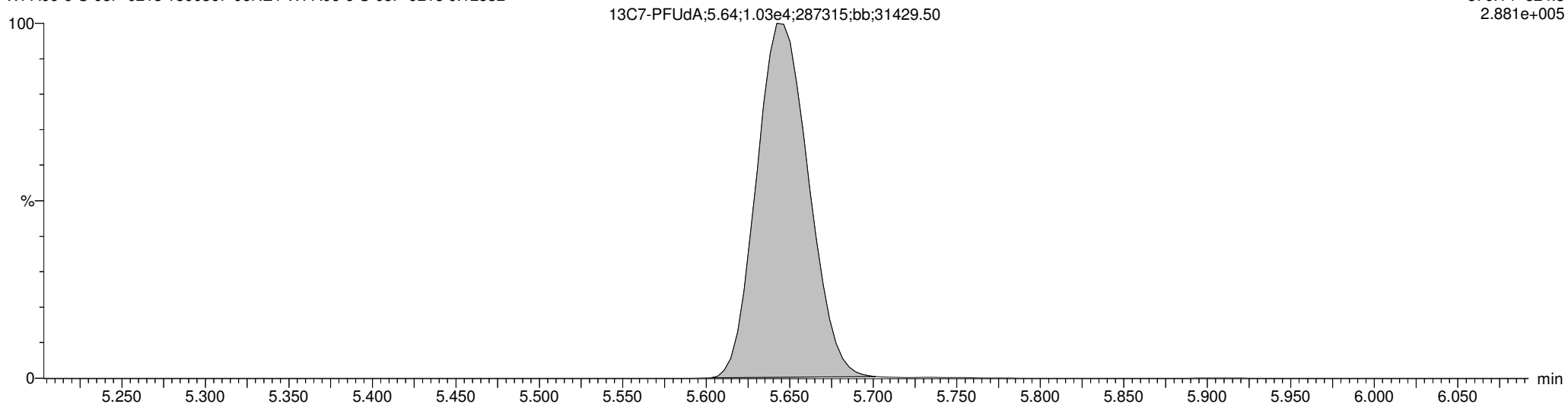
Printed: Monday, March 19, 2018 13:37:37 Pacific Daylight Time

Name: 180317M1\_22, Date: 17-Mar-2018, Time: 23:46:35, ID: 1800367-06RE1 WI-A06-6-S-05P-0218 0.12532, Description: WI-A06-6-S-05P-0218

13C7-PFUDa

180317M1\_22 Smooth(Mn,1x2)  
WI-A06-6-S-05P-0218 1800367-06RE1 WI-A06-6-S-05P-0218 0.12532

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
2.881e+005



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-42.qld

Last Altered: Thursday, March 15, 2018 18:11:26 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:11:49 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_42, Date: 08-Mar-2018, Time: 15:24:41, ID: 1800367-07 WI-A06-FB01-022318 0.12195, Description: WI-A06-FB01-022318

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7		1.58e3	0.122		2.98				
2	5 PFHxA	313.2 > 268.9		4.10e3	0.122		3.48				
3	7 PFHpA	363.0 > 318.9		1.13e4	0.122		4.10				
4	8 L-PFHxS	398.9 > 79.6		1.10e3	0.122		4.24				
5	11 L-PFOA	413 > 368.7		1.33e4	0.122		4.45				
6	14 PFNA	463.0 > 418.8		1.09e4	0.122		5.04				
7	16 L-PFOS	499 > 79.9	1.36e0	3.17e3	0.122		4.84	4.73	0.00534	1.4819	
8	18 PFDA	513 > 468.8		9.86e3	0.122		5.40				
9	21 N-MeFOSAA	570.1 > 419		4.71e3	0.122		5.55				
10	22 N-EtFOSAA	584.2 > 419		5.33e3	0.122		5.70				
11	23 PFUdA	563.0 > 518.9		1.01e4	0.122		5.72				

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-42.qld

Last Altered: Thursday, March 15, 2018 18:11:26 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:12:06 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_42, Date: 08-Mar-2018, Time: 15:24:41, ID: 1800367-07 WI-A06-FB01-022318 0.12195, Description: WI-A06-FB01-022318

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	27	PFTrDA	662.9 > 618.9	8.26e3	0.122		6.22					
2	28	PFTeDA	712.9 > 668.8	3.56e3	0.122		6.41					
3	36	13C3-PFBS	302. > 98.8	1.58e3	1.49e4	0.122	0.101	2.98	2.70	1.33	107.6824	105.1
4	37	13C2-PFHxA	315 > 269.8	4.10e3	1.49e4	0.122	0.744	3.48	3.20	3.44	37.9172	92.5
5	38	13C4-PFHpA	367.2 > 321.8	1.13e4	1.49e4	0.122	0.740	4.10	3.81	9.51	105.3490	102.8
6	39	18O2-PFHxS	403.0 > 102.6	1.10e3	2.90e3	0.122	0.424	4.24	3.96	4.74	91.6185	89.4
7	40	13C2-6:2 FTS	429.1 > 408.9	3.63e3	1.56e4	0.122	0.254	4.56	4.27	2.91	94.0986	91.8
8	41	13C2-PFOA	414.9 > 369.7	1.33e4	1.56e4	0.122	1.129	4.61	4.33	10.6	77.2178	75.3
9	42	13C5-PFNA	468.2 > 422.9	1.09e4	1.54e4	0.122	1.006	5.04	4.76	8.85	72.1209	70.4
10	43	13C8-PFOSA	506.1 > 77.7	4.87e2	1.74e4	0.122	0.182	5.09	4.84	0.350	15.7923	15.4
11	44	13C8-PFOS	507.0 > 79.9	3.17e3	3.56e3	0.122	1.049	5.11	4.84	11.1	87.0619	84.9
12	45	13C2-PFDA	515.1 > 469.9	9.86e3	1.39e4	0.122	1.082	5.40	5.14	8.89	67.4103	65.8
13	46	13C2-8:2 FTS	529.1 > 508.7	2.41e3	1.49e4	0.122	0.161	5.38	5.11	2.02	102.8799	100.4
14	47	d3-N-MeFOSAA	573.3 > 419	4.71e3	1.74e4	0.122	0.426	5.55	5.29	3.39	65.1841	63.6
15	48	d5-N-EtFOSAA	589.3 > 419	5.33e3	1.74e4	0.122	0.459	5.70	5.44	3.83	68.3313	66.7
16	49	13C2-PFUdA	565 > 519.8	1.01e4	1.74e4	0.122	1.051	5.72	5.46	7.25	56.5568	55.2
17	50	13C2-PFDoA	615.0 > 569.7	8.26e3	1.74e4	0.122	0.827	5.99	5.74	5.94	58.8600	57.4
18	51	d3-N-MeFOSA	515.2 > 168.9		1.74e4	0.122	0.107	5.93				
19	52	13C2-PFTeDA	714.8 > 669.6	3.56e3	1.74e4	0.122	0.514	6.41	6.21	2.56	40.7993	39.8
20	53	d5-N-ETFOSA	531.1 > 168.9		1.74e4	0.122	0.152	6.25				
21	54	13C2-PFHxDA	815 > 769.7	1.67e3	1.74e4	0.122	1.185	6.69	6.55	1.20	8.2813	20.2
22	55	d7-N-MeFOSE	623.1 > 58.9		1.74e4	0.122	0.122	6.31				
23	56	d9-N-EtFOSE	639.2 > 58.8		1.74e4	0.122	0.109	6.45				
24	57	13C4-PFBA	217. > 171.8	1.07e4	1.07e4	0.122	1.000	1.73	1.46	12.5	102.5010	100.0
25	58	13C5-PFHxA	318 > 272.9	1.49e4	1.49e4	0.122	1.000	3.48	3.19	12.5	102.5010	100.0
26	59	13C3-PFHxS	401.9 > 79.9	2.90e3	2.90e3	0.122	1.000	4.24	3.95	12.5	102.5010	100.0
27	60	13C8-PFOA	421.3 > 376	1.56e4	1.56e4	0.122	1.000	4.61	4.33	12.5	102.5010	100.0
28	61	13C9-PFNA	472.2 > 426.9	1.54e4	1.54e4	0.122	1.000	4.70	4.76	12.5	102.5010	100.0
29	62	13C4-PFOS	503 > 79.9	3.56e3	3.56e3	0.122	1.000	5.11	4.84	12.5	102.5010	100.0
30	63	13C6-PFDA	519.1 > 473.7	1.39e4	1.39e4	0.122	1.000	5.40	5.14	12.5	102.5010	100.0
31	64	13C7-PFUdA	570.1 > 524.8	1.74e4	1.74e4	0.122	1.000	5.72	5.46	12.5	102.5010	100.0
32	65	Total PFHxS	398.9 > 79.6	0.00e0	1.10e3	0.122		4.24		0.000		

GM 3/15/2018



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-42.qld

Last Altered: Thursday, March 15, 2018 18:11:26 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:12:06 Pacific Daylight Time

Name: 180307M2\_42, Date: 08-Mar-2018, Time: 15:24:41, ID: 1800367-07 WI-A06-FB01-022318 0.12195, Description: WI-A06-FB01-022318

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
33	66 Total PFOA	413 > 368.7	0.00e0	1.33e4	0.122		4.61		0.000		
34	67 Total PFOS	499 > 79.9	1.36e0	3.17e3	0.122		5.11		0.00534	1.4819	
35	68 Total N-MeFOSAA	570.1 > 419	0.00e0	4.71e3	0.122		5.55		0.000		
36	69 Total N-EtFOSAA	584.2 > 419	0.00e0	5.33e3	0.122		5.70		0.000		

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-42.qld

Last Altered: Thursday, March 15, 2018 18:11:26 Pacific Daylight Time

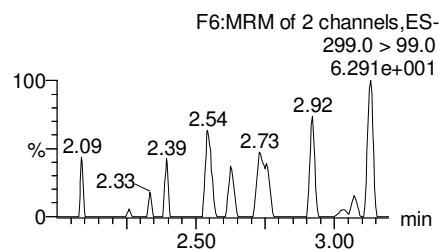
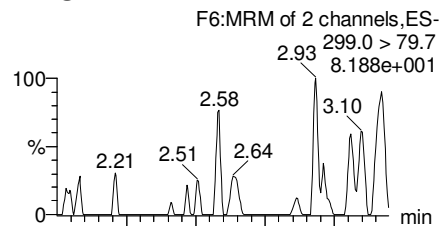
Printed: Thursday, March 15, 2018 18:12:06 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

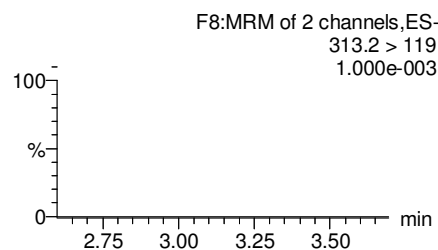
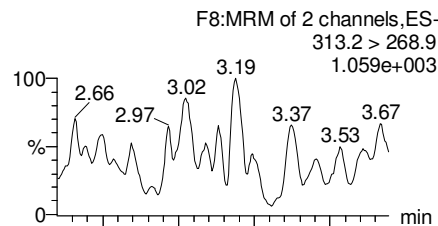
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Name: 180307M2\_42, Date: 08-Mar-2018, Time: 15:24:41, ID: 1800367-07 WI-A06-FB01-022318 0.12195, Description: WI-A06-FB01-022318

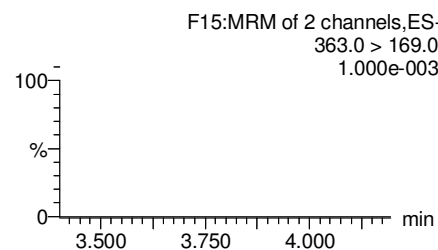
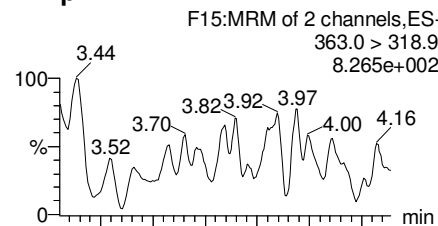
PFBS



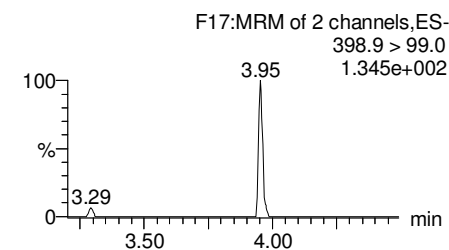
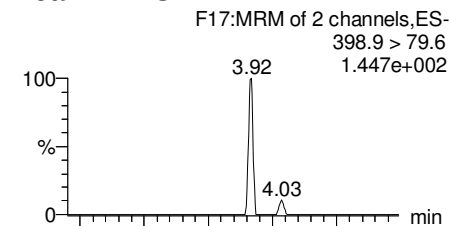
PFHxA



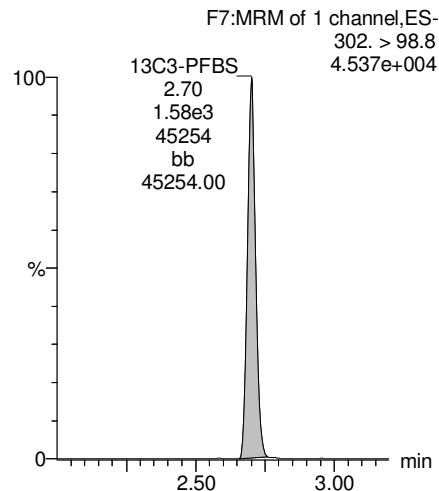
PFHpA



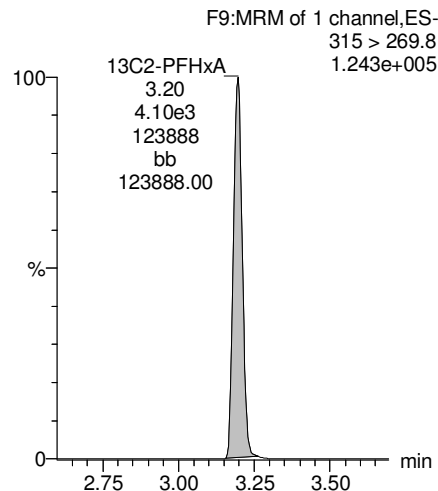
Total PFHxS



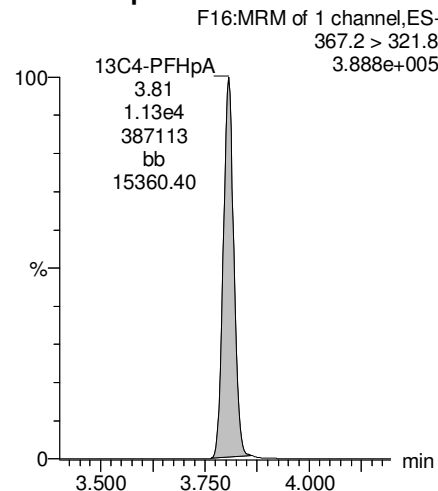
13C3-PFBS



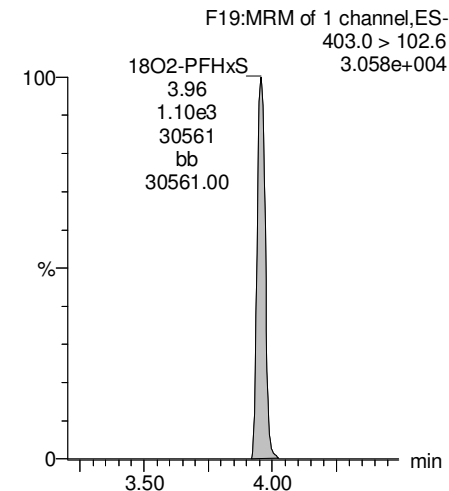
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-42.qld

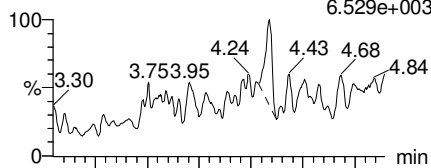
Last Altered: Thursday, March 15, 2018 18:11:26 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:12:06 Pacific Daylight Time

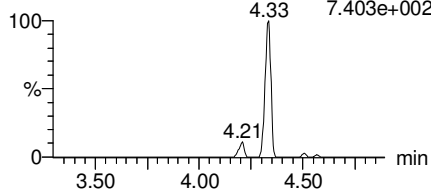
Name: 180307M2\_42, Date: 08-Mar-2018, Time: 15:24:41, ID: 1800367-07 WI-A06-FB01-022318 0.12195, Description: WI-A06-FB01-022318

**Total PFOA**

F20:MRM of 2 channels,ES-  
413 > 368.7  
6.529e+003

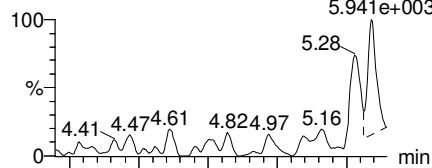


F20:MRM of 2 channels,ES-  
413 > 169  
7.403e+002

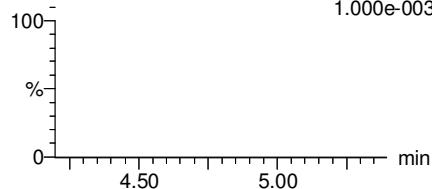


**PFNA**

F26:MRM of 2 channels,ES-  
463.0 > 418.8  
5.941e+003

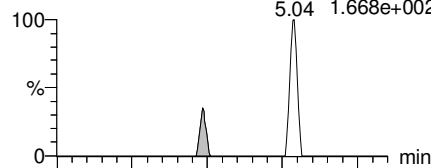


F26:MRM of 2 channels,ES-  
463.0 > 219.0  
1.000e-003

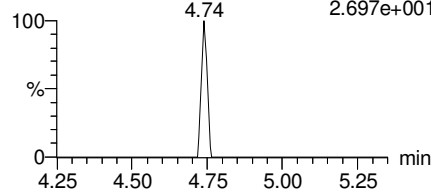


**Total PFOS**

F31:MRM of 2 channels,ES-  
499 > 79.9  
1.668e+002

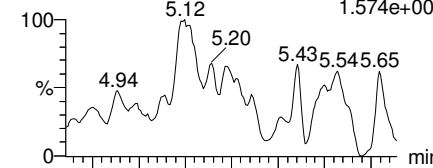


F31:MRM of 2 channels,ES-  
499 > 99  
2.697e+001

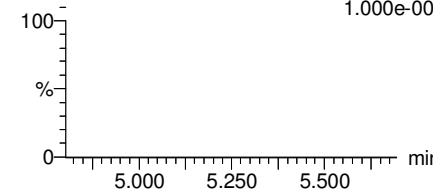


**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
1.574e+003

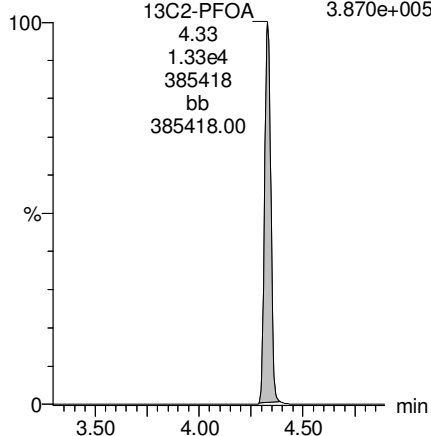


F36:MRM of 2 channels,ES-  
513 > 219  
1.000e-003



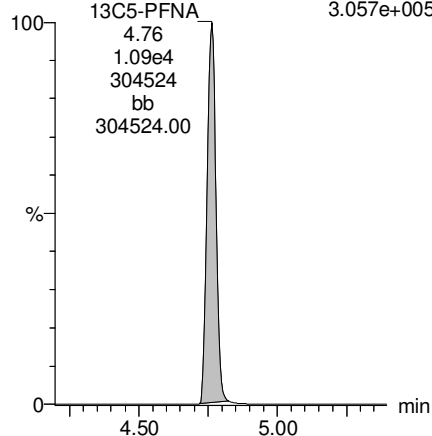
**13C2-PFOA**

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
3.870e+005



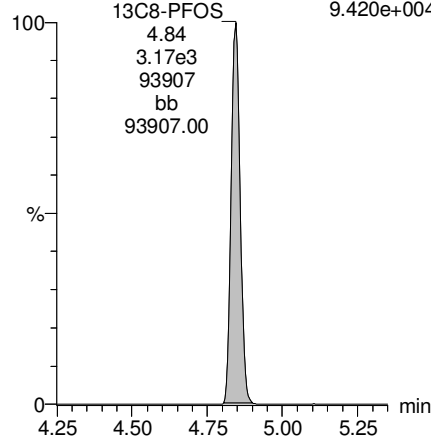
**13C5-PFNA**

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
3.057e+005



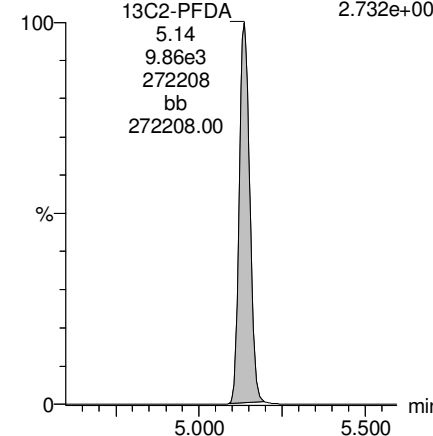
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
9.420e+004



**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
2.732e+005



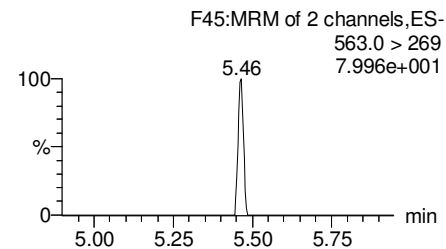
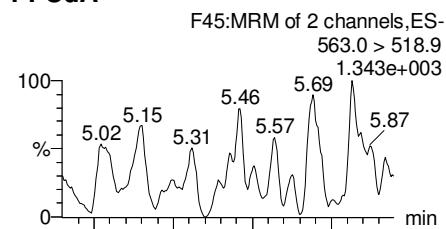
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Last Altered: Thursday, March 15, 2018 18:11:26 Pacific Daylight Time

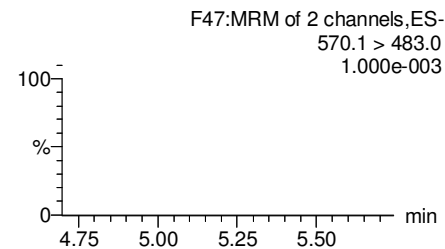
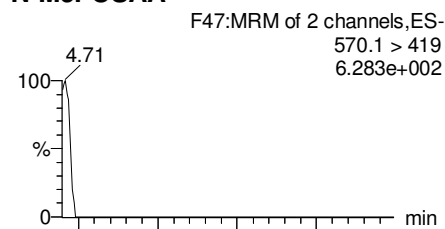
Printed: Thursday, March 15, 2018 18:12:06 Pacific Daylight Time

Name: 180307M2\_42, Date: 08-Mar-2018, Time: 15:24:41, ID: 1800367-07 WI-A06-FB01-022318 0.12195, Description: WI-A06-FB01-022318

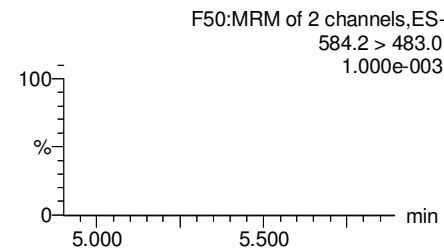
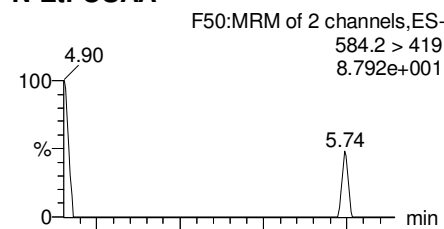
**PFUdA**



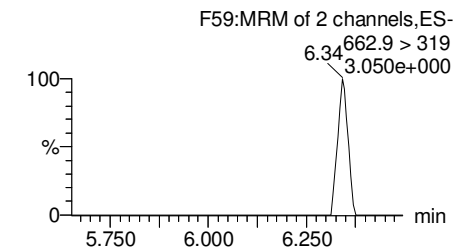
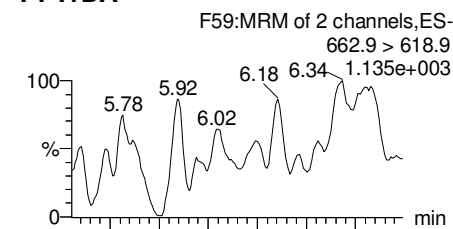
**N-MeFOSAA**



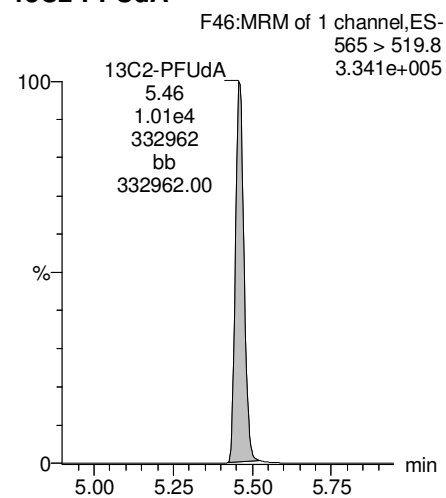
**N-EtFOSAA**



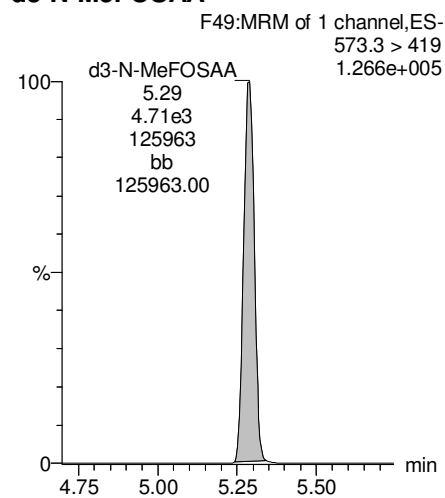
**PFTrDA**



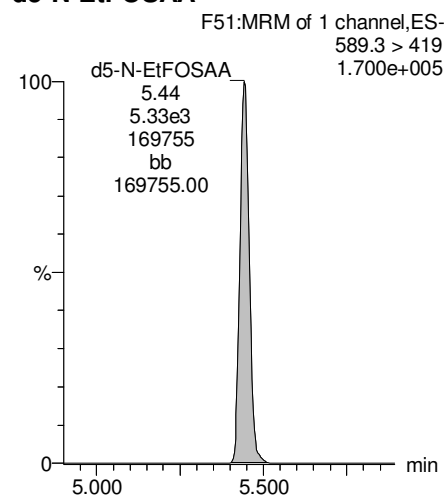
**13C2-PFUdA**



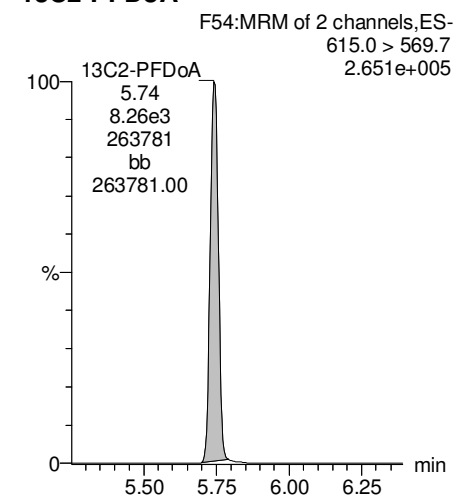
**d3-N-MeFOSAA**



**d5-N-EtFOSAA**



**13C2-PFDoA**



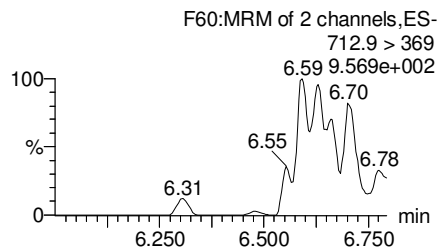
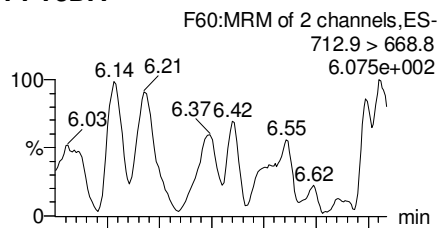
Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-42.qld

Last Altered: Thursday, March 15, 2018 18:11:26 Pacific Daylight Time

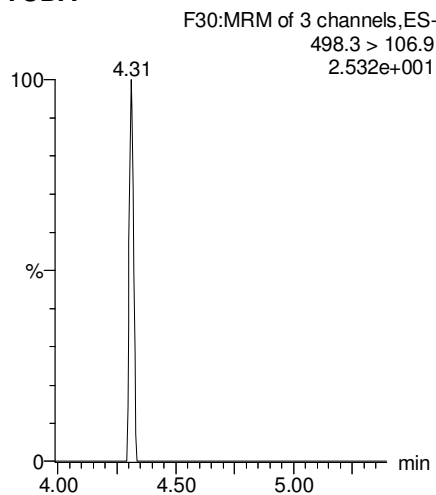
Printed: Thursday, March 15, 2018 18:12:06 Pacific Daylight Time

Name: 180307M2\_42, Date: 08-Mar-2018, Time: 15:24:41, ID: 1800367-07 WI-A06-FB01-022318 0.12195, Description: WI-A06-FB01-022318

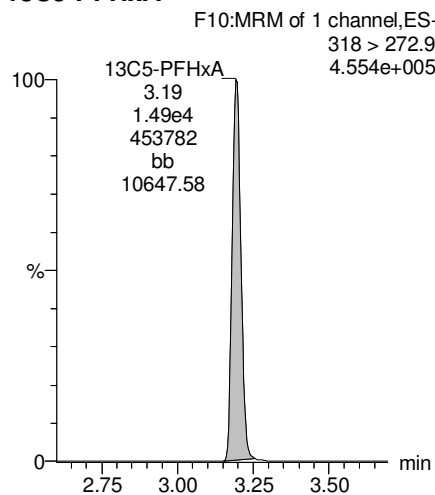
**PFTeDA**



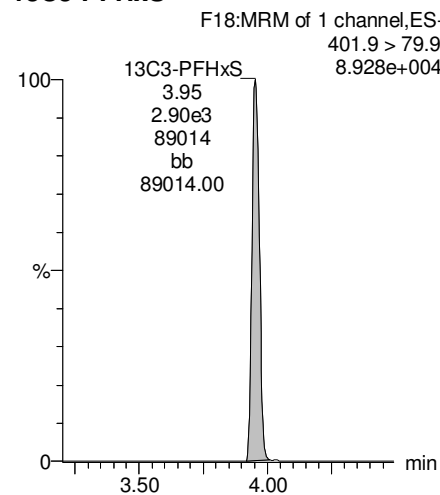
**TCDA**



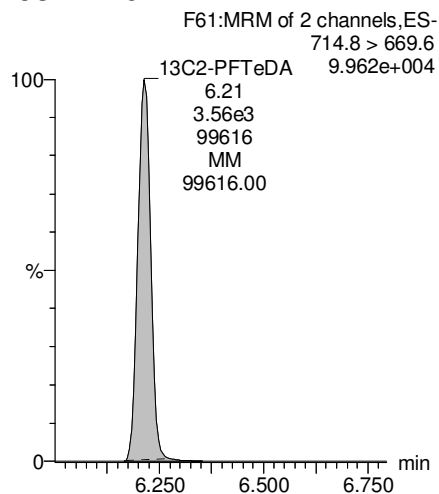
**13C5-PFHxA**



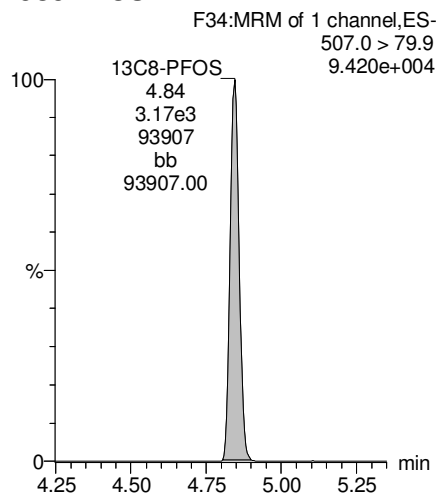
**13C3-PFHxS**



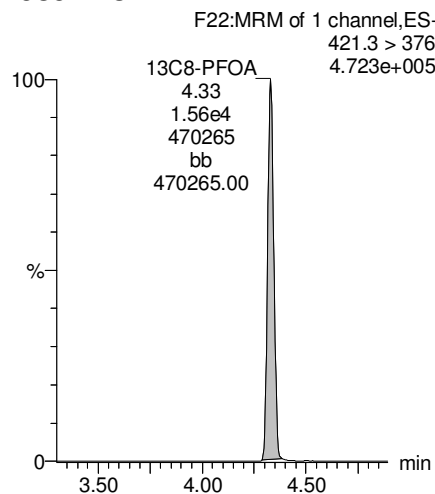
**13C2-PFTeDA**



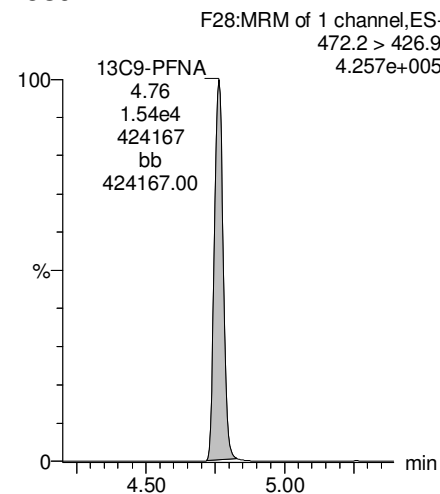
**13C8-PFOS**



**13C8-PFOA**



**13C9-PFNA**



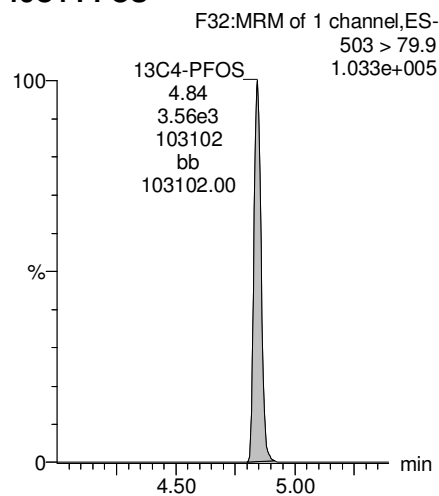
Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-42.qld

Last Altered: Thursday, March 15, 2018 18:11:26 Pacific Daylight Time

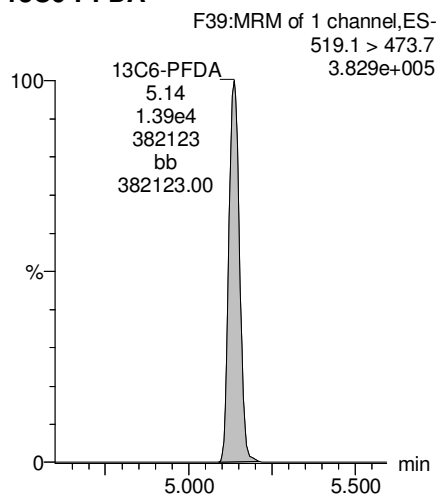
Printed: Thursday, March 15, 2018 18:12:06 Pacific Daylight Time

Name: 180307M2\_42, Date: 08-Mar-2018, Time: 15:24:41, ID: 1800367-07 WI-A06-FB01-022318 0.12195, Description: WI-A06-FB01-022318

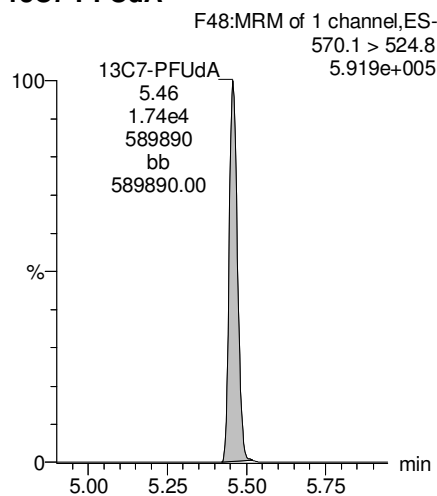
13C4-PFOS



13C6-PFDA



13C7-PFUDA



Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-23.qld

Last Altered: Monday, March 19, 2018 13:38:05 Pacific Daylight Time

Printed: Monday, March 19, 2018 13:38:31 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_23, Date: 17-Mar-2018, Time: 23:58:04, ID: 1800367-07RE1 WI-A06-FB01-022318 0.12195, Description: WI-A06-FB01-022318

	# Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	25 PFDaA	612.9 > 569.0		8.64e3		0.1176	6.14				
2	50 13C2-PFDaA	615.0 > 569.7	8.64e3	1.17e4	0.875	0.1176	6.14	5.92	9.21	89.6	84.2
3	64 13C7-PFUdA	570.1 > 524.8	1.17e4	1.17e4	1.000	0.1176	5.87	5.65	12.5	106	100.0

Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-23.qld

Last Altered: Monday, March 19, 2018 13:38:05 Pacific Daylight Time  
Printed: Monday, March 19, 2018 13:38:31 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

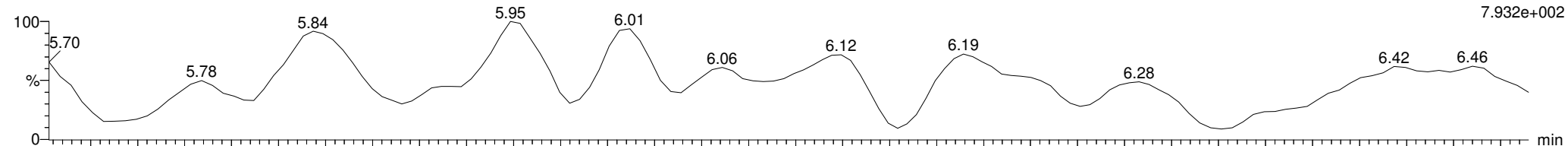
Name: 180317M1\_23, Date: 17-Mar-2018, Time: 23:58:04, ID: 1800367-07RE1 WI-A06-FB01-022318 0.12195, Description: WI-A06-FB01-022318

### PFD<sub>o</sub>A

180317M1\_23 Smooth(Mn,1x2)

WI-A06-FB01-022318 1800367-07RE1 WI-A06-FB01-022318 0.12195

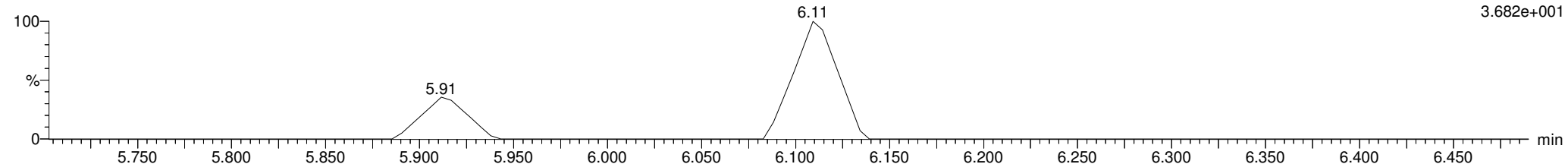
F53:MRM of 4 channels,ES-  
612.9 > 569.0  
7.932e+002



180317M1\_23 Smooth(Mn,1x2)

WI-A06-FB01-022318 1800367-07RE1 WI-A06-FB01-022318 0.12195

F53:MRM of 4 channels,ES-  
612.9 > 318.8  
3.682e+001



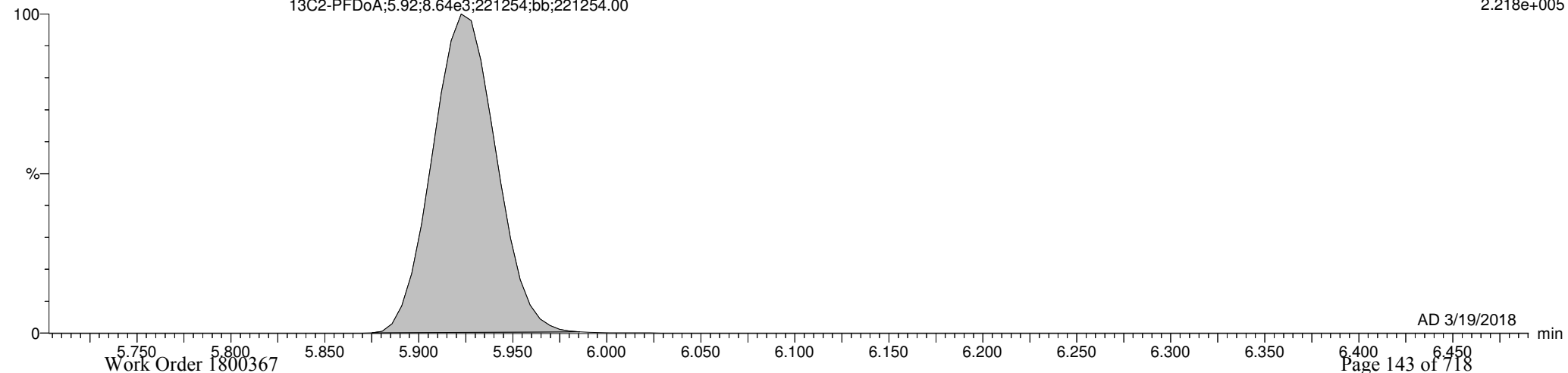
### <sup>13</sup>C2-PFD<sub>o</sub>A

180317M1\_23 Smooth(Mn,1x2)

WI-A06-FB01-022318 1800367-07RE1 WI-A06-FB01-022318 0.12195

<sup>13</sup>C2-PFD<sub>o</sub>A;5.92;8.64e3;221254;bb;221254.00

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
2.218e+005





Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-23.qld

Last Altered: Monday, March 19, 2018 13:38:05 Pacific Daylight Time

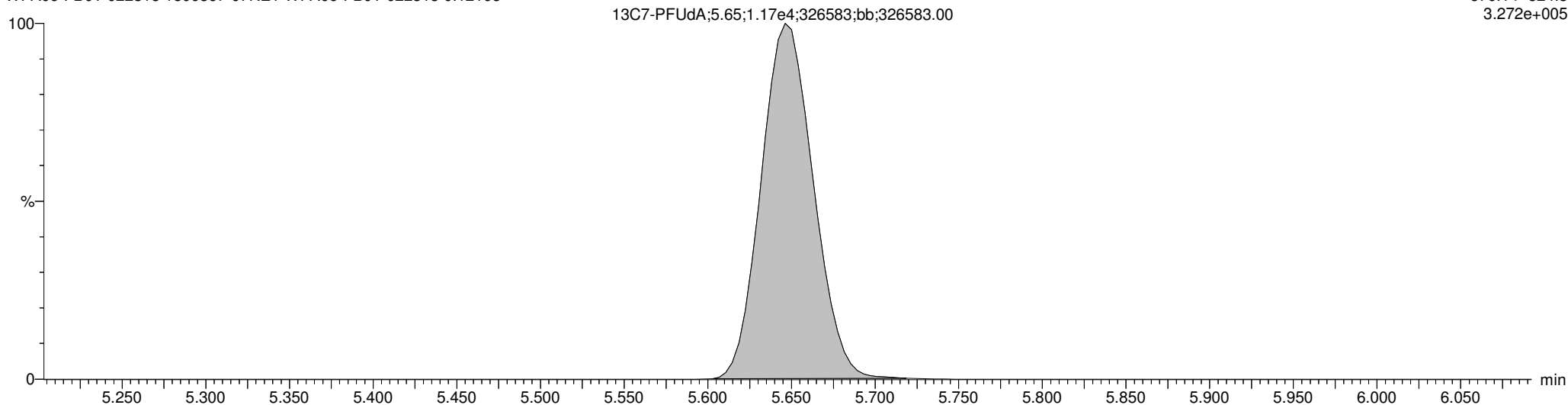
Printed: Monday, March 19, 2018 13:38:31 Pacific Daylight Time

Name: 180317M1\_23, Date: 17-Mar-2018, Time: 23:58:04, ID: 1800367-07RE1 WI-A06-FB01-022318 0.12195, Description: WI-A06-FB01-022318

13C7-PFUdA

180317M1\_23 Smooth(Mn,1x2)  
WI-A06-FB01-022318 1800367-07RE1 WI-A06-FB01-022318 0.12195

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
3.272e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-43.qld

Last Altered: Thursday, March 15, 2018 18:14:40 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:15:00 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_43, Date: 13-Mar-2018, Time: 05:40:09, ID: 1800367-08 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299.0 > 79.7		1.21e3	0.124		2.98				
2	5 PFHxA	313.2 > 268.9		3.33e3	0.124		3.48				
3	7 PFHpA	363.0 > 318.9		8.16e3	0.124		4.10				
4	8 L-PFHxS	398.9 > 79.6	6.05e0	9.09e2	0.124		4.24	3.86	0.0832	0.6210	
5	11 L-PFOA	413 > 368.7		1.06e4	0.124		4.30				
6	14 PFNA	463.0 > 418.8		9.39e3	0.124		5.04				
7	16 L-PFOS	499 > 79.9		2.44e3	0.124		4.84				
8	18 PFDA	513 > 468.8		6.90e3	0.124		5.40				
9	21 N-MeFOSAA	570.1 > 419		3.03e3	0.124		5.55				
10	22 N-EtFOSAA	584.2 > 419		3.34e3	0.124		5.70				
11	23 PFUdA	563.0 > 518.9		6.79e3	0.124		5.72				

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-43.qld

Last Altered: Thursday, March 15, 2018 18:14:40 Pacific Daylight Time

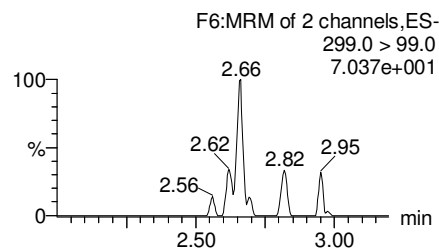
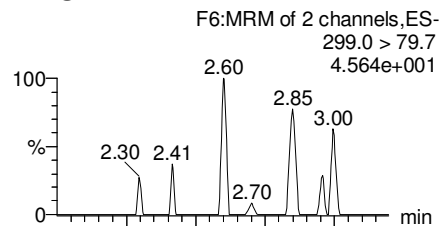
Printed: Thursday, March 15, 2018 18:15:00 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

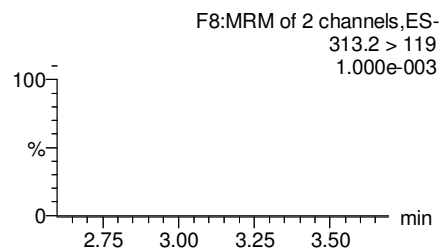
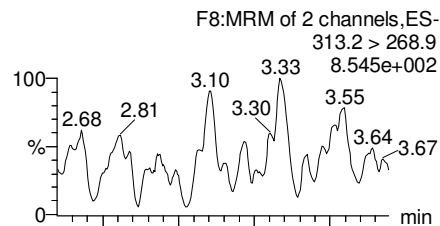
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_43, Date: 13-Mar-2018, Time: 05:40:09, ID: 1800367-08 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318

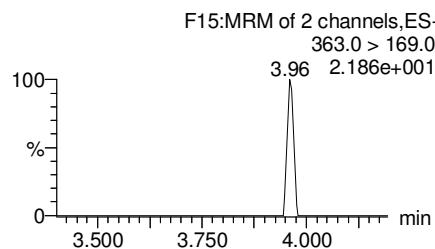
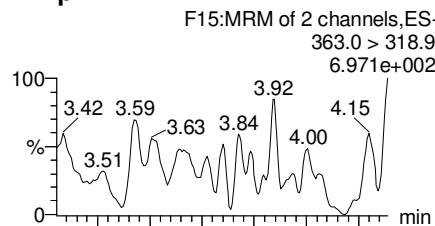
PFBS



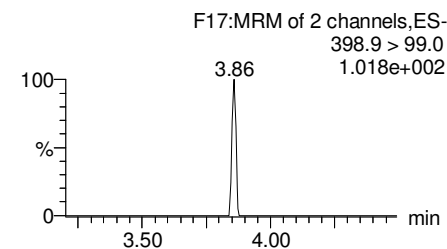
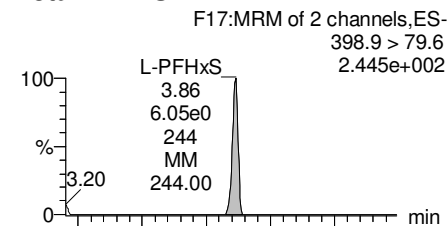
PFHxA



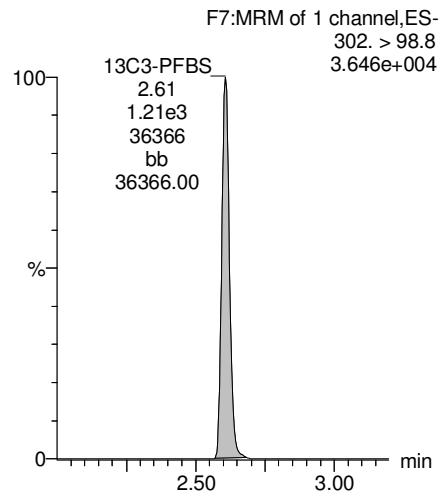
PFHpA



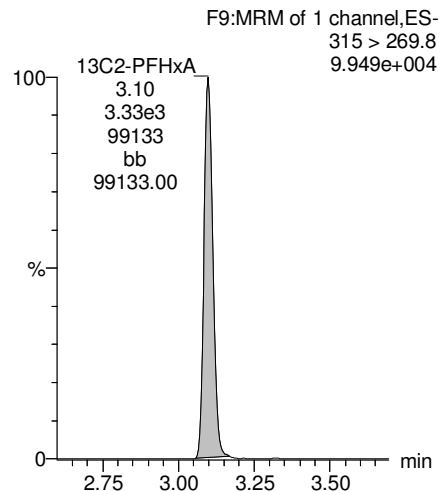
Total PFHxS



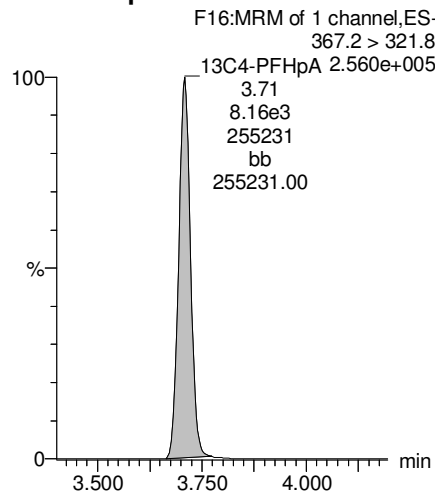
13C3-PFBS



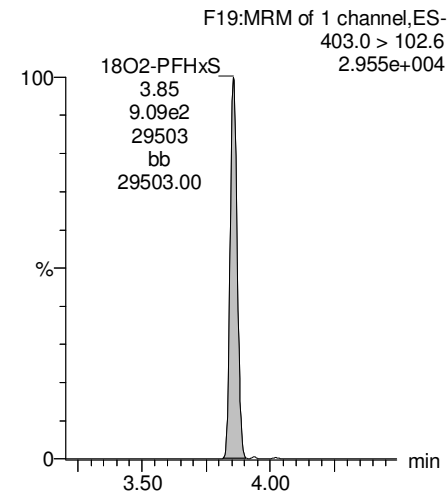
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



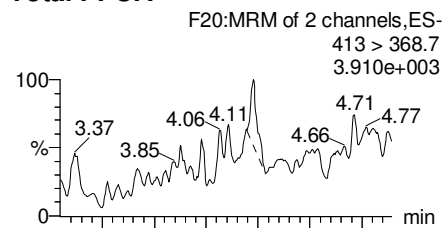
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-43.qld

Last Altered: Thursday, March 15, 2018 18:14:40 Pacific Daylight Time

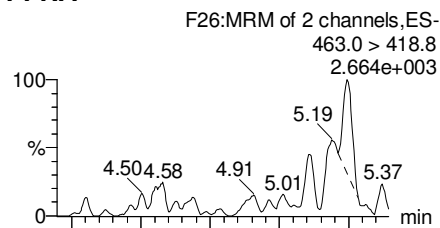
Printed: Thursday, March 15, 2018 18:15:00 Pacific Daylight Time

Name: 180312M1\_43, Date: 13-Mar-2018, Time: 05:40:09, ID: 1800367-08 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318

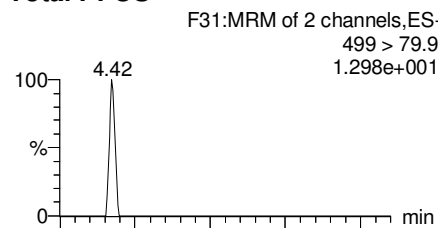
**Total PFOA**



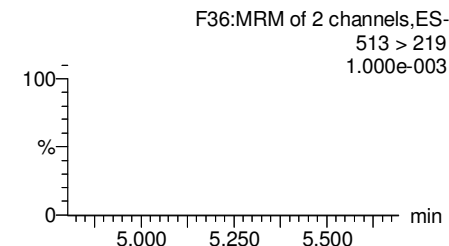
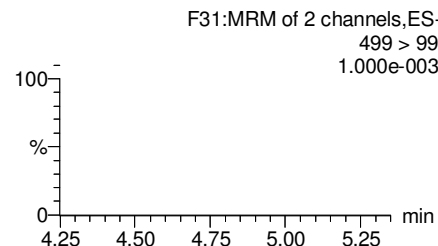
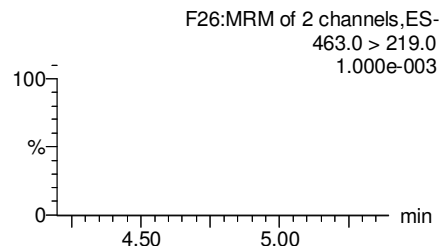
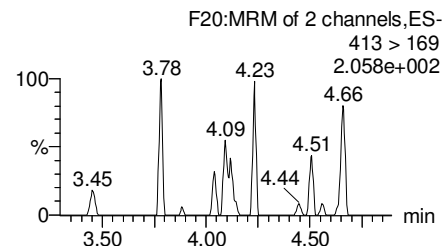
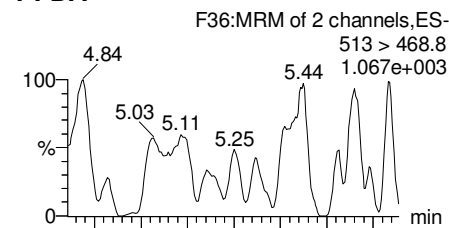
**PFNA**



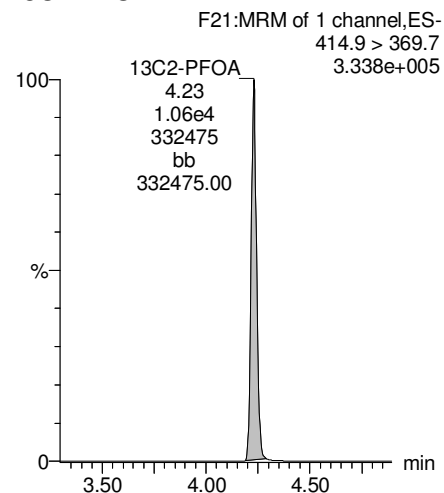
**Total PFOS**



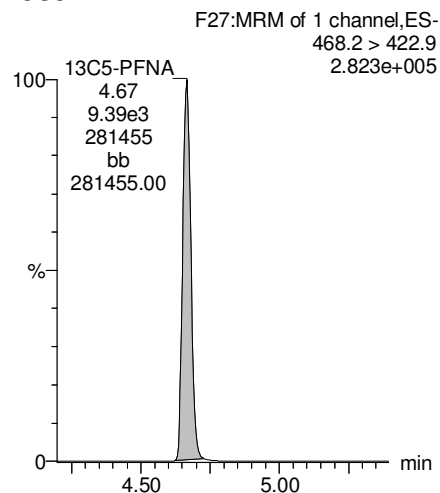
**PFDA**



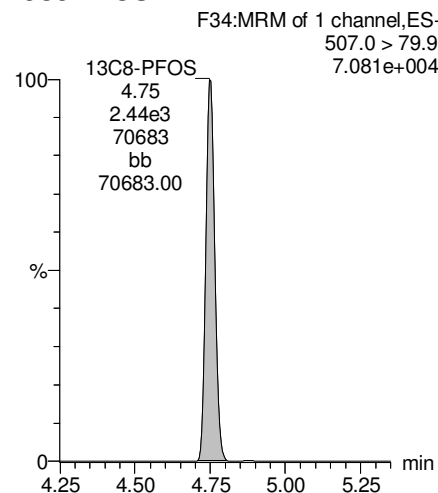
**13C2-PFOA**



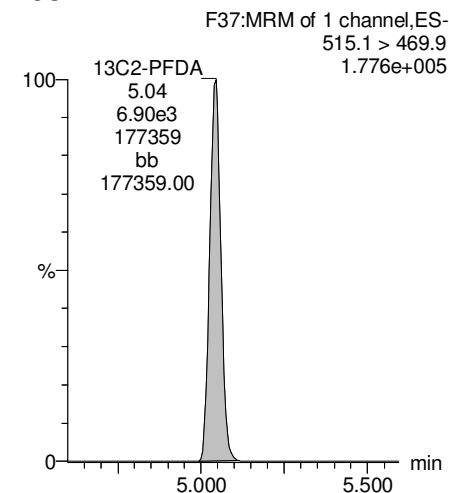
**13C5-PFNA**



**13C8-PFOS**



**13C2-PFDA**



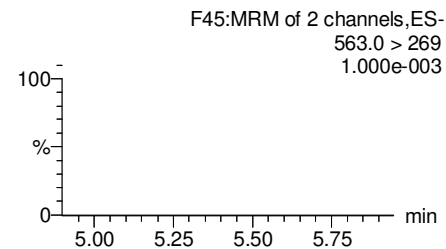
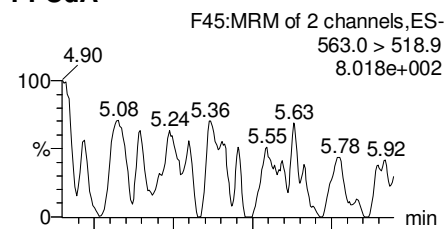
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-43.qld

Last Altered: Thursday, March 15, 2018 18:14:40 Pacific Daylight Time

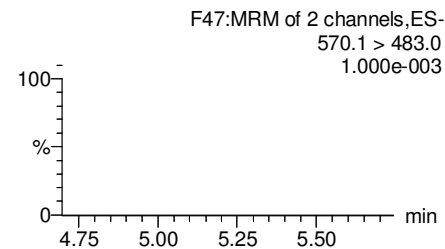
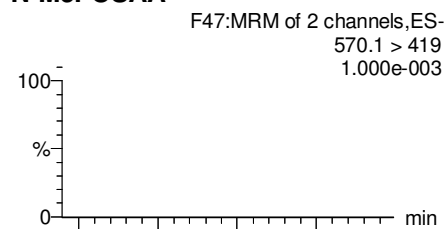
Printed: Thursday, March 15, 2018 18:15:00 Pacific Daylight Time

Name: 180312M1\_43, Date: 13-Mar-2018, Time: 05:40:09, ID: 1800367-08 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318

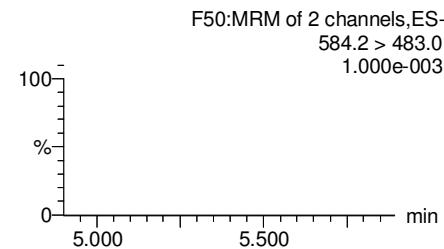
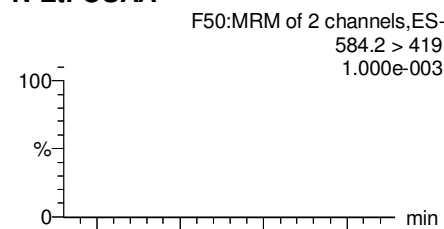
**PFUdA**



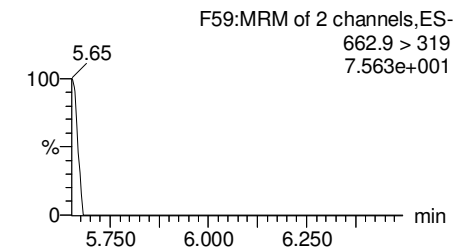
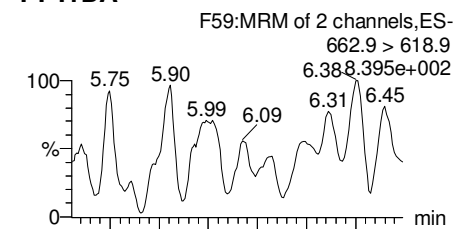
**N-MeFOSAA**



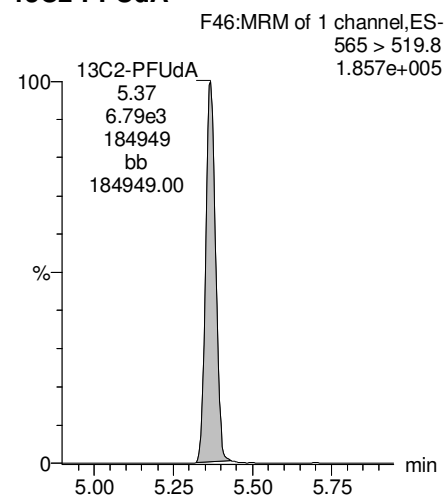
**N-EtFOSAA**



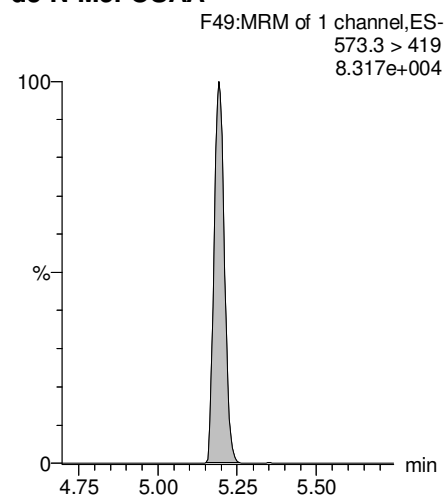
**PFTrDA**



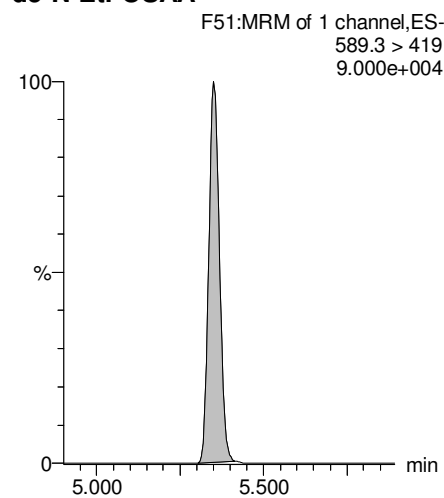
**13C2-PFUdA**



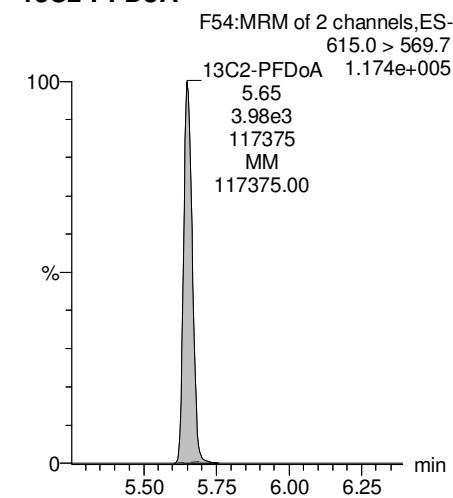
**d3-N-MeFOSAA**



**d5-N-EtFOSAA**



**13C2-PFDoA**



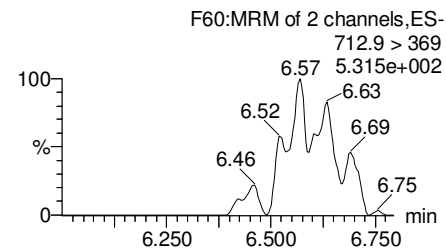
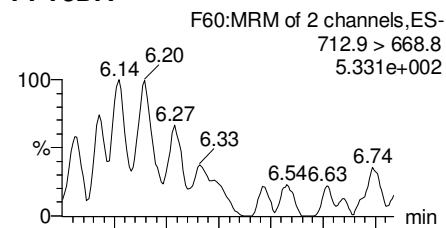
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Last Altered: Thursday, March 15, 2018 18:14:40 Pacific Daylight Time

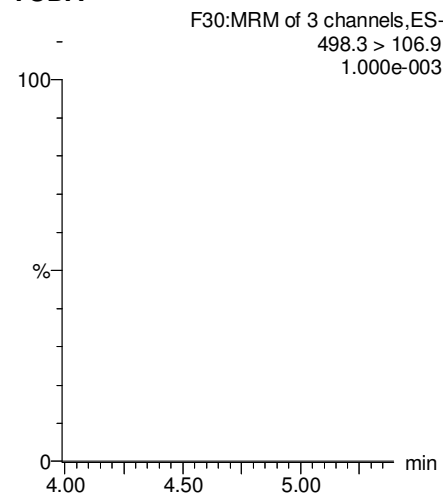
Printed: Thursday, March 15, 2018 18:15:00 Pacific Daylight Time

Name: 180312M1\_43, Date: 13-Mar-2018, Time: 05:40:09, ID: 1800367-08 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318

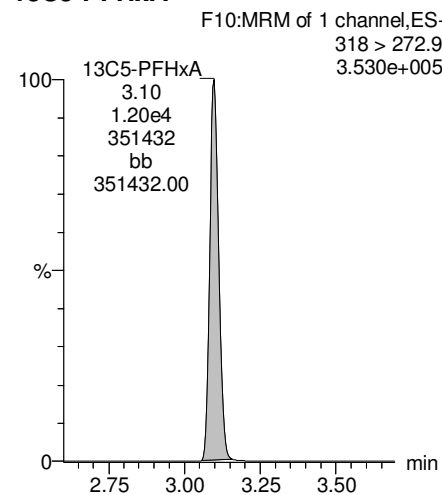
**PFTeDA**



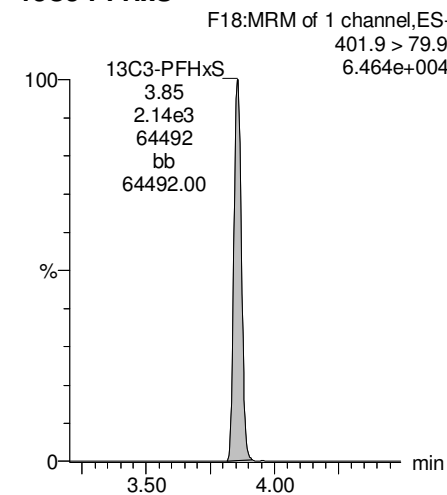
**TCDA**



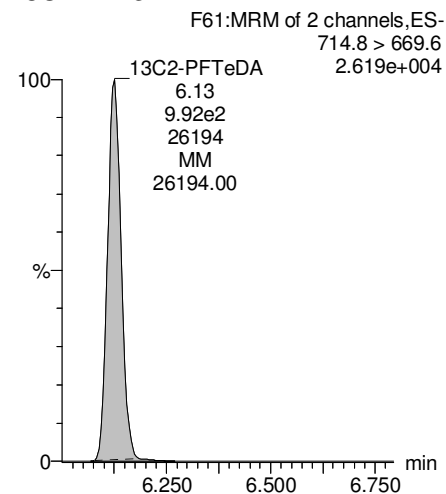
**13C5-PFHxA**



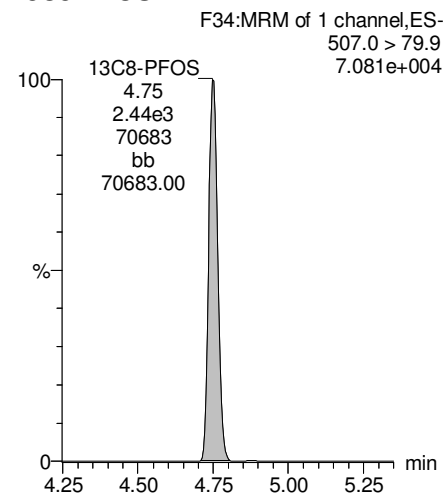
**13C3-PFHxS**



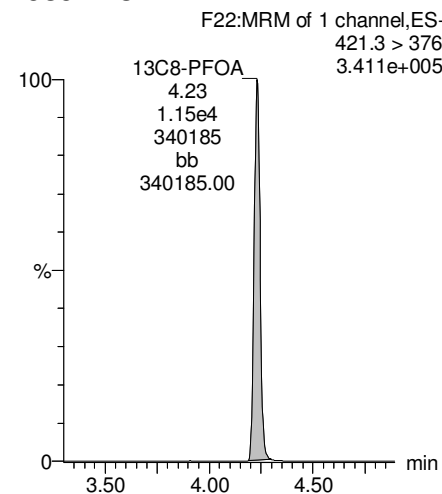
**13C2-PFTeDA**



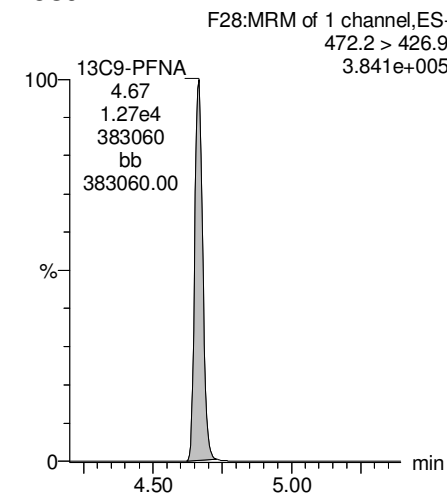
**13C8-PFOS**



**13C8-PFOA**



**13C9-PFNA**



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-43.qld

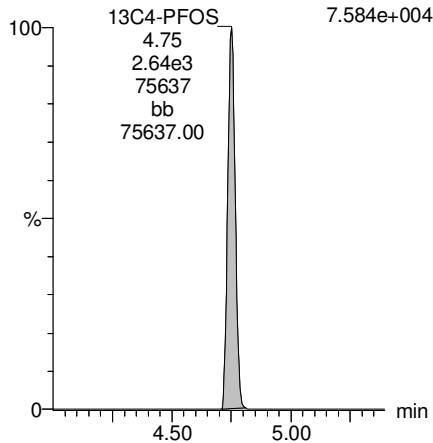
Last Altered: Thursday, March 15, 2018 18:14:40 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:15:00 Pacific Daylight Time

Name: 180312M1\_43, Date: 13-Mar-2018, Time: 05:40:09, ID: 1800367-08 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318

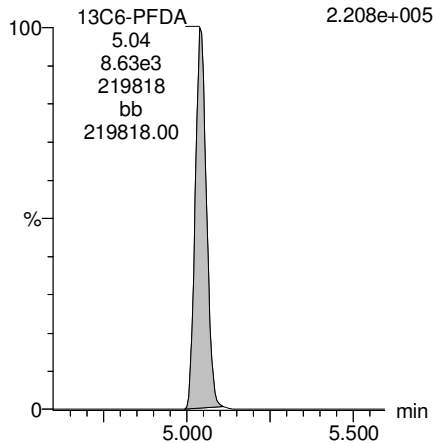
13C4-PFOS

F32:MRM of 1 channel,ES-  
503 > 79.9  
7.584e+004



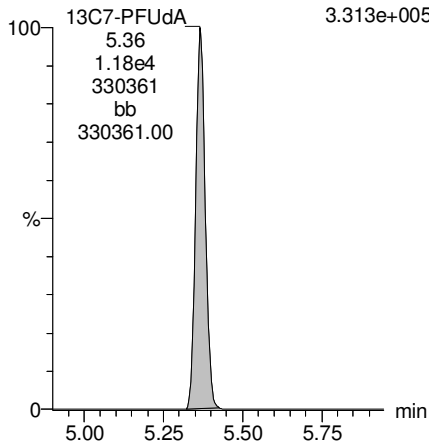
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
2.208e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
3.313e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-43.qld

Last Altered: Thursday, March 15, 2018 18:14:40 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:15:08 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_43, Date: 13-Mar-2018, Time: 05:40:09, ID: 1800367-08 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	27	PFTrDA	662.9 > 618.9	3.98e3	0.124		6.22				
2	28	PFTeDA	712.9 > 668.8	9.92e2	0.124		6.41				
3	36	13C3-PFBS	302. > 98.8	1.21e3	1.20e4	0.124	0.103	2.98	2.61	1.25	98.0345
4	37	13C2-PFHxA	315 > 269.8	3.33e3	1.20e4	0.124	0.733	3.48	3.10	3.47	38.2599
5	38	13C4-PFHpA	367.2 > 321.8	8.16e3	1.20e4	0.124	0.726	4.10	3.71	8.49	94.5033
6	39	18O2-PFHxS	403.0 > 102.6	9.09e2	2.14e3	0.124	0.402	4.24	3.85	5.32	106.8090
7	40	13C2-6:2 FTS	429.1 > 408.9	2.32e3	1.15e4	0.124	0.259	4.56	4.17	2.52	78.7018
8	41	13C2-PFOA	414.9 > 369.7	1.06e4	1.15e4	0.124	1.057	4.61	4.23	11.5	87.8483
9	42	13C5-PFNA	468.2 > 422.9	9.39e3	1.27e4	0.124	0.933	5.04	4.67	9.24	79.9679
10	43	13C8-PFOSA	506.1 > 77.7	2.53e2	1.18e4	0.124	0.180	5.09	4.74	0.268	12.0387
11	44	13C8-PFOS	507.0 > 79.9	2.44e3	2.64e3	0.124	1.028	5.11	4.75	11.5	90.7620
12	45	13C2-PFDA	515.1 > 469.9	6.90e3	8.63e3	0.124	1.096	5.40	5.04	9.99	73.6440
13	46	13C2-8:2 FTS	529.1 > 508.7	1.50e3	1.20e4	0.124	0.201	5.38	5.01	1.56	62.8418
14	47	d3-N-MeFOSAA	573.3 > 419	3.03e3	1.18e4	0.124	0.442	5.55	5.19	3.21	58.6112
15	48	d5-N-EtFOSAA	589.3 > 419	3.34e3	1.18e4	0.124	0.469	5.70	5.35	3.54	60.9914
16	49	13C2-PFUdA	565 > 519.8	6.79e3	1.18e4	0.124	1.060	5.72	5.37	7.20	54.8914
17	50	13C2-PFDoA	615.0 > 569.7	3.98e3	1.18e4	0.124	0.847	5.99	5.65	4.22	40.2566
18	51	d3-N-MeFOSA	515.2 > 168.9		1.18e4	0.124	0.104	5.93			
19	52	13C2-PFTeDA	714.8 > 669.6	9.92e2	1.18e4	0.124	0.481	6.41	6.13	1.05	17.6558
20	53	d5-N-ETFOSA	531.1 > 168.9		1.18e4	0.124	0.147	6.25			
21	54	13C2-PFHxDA	815 > 769.7	2.76e2	1.18e4	0.124	1.039	6.69	6.48	0.293	2.2797
22	55	d7-N-MeFOSE	623.1 > 58.9		1.18e4	0.124	0.110	6.31			
23	56	d9-N-EtFOSE	639.2 > 58.8		1.18e4	0.124	0.108	6.45			
24	57	13C4-PFBA	217. > 171.8	8.46e3	8.46e3	0.124	1.000	1.73	1.35	12.5	100.9448
25	58	13C5-PFHxA	318 > 272.9	1.20e4	1.20e4	0.124	1.000	3.48	3.10	12.5	100.9448
26	59	13C3-PFHxS	401.9 > 79.9	2.14e3	2.14e3	0.124	1.000	4.24	3.85	12.5	100.9448
27	60	13C8-PFOA	421.3 > 376	1.15e4	1.15e4	0.124	1.000	4.61	4.23	12.5	100.9448
28	61	13C9-PFNA	472.2 > 426.9	1.27e4	1.27e4	0.124	1.000	4.70	4.67	12.5	100.9448
29	62	13C4-PFOS	503 > 79.9	2.64e3	2.64e3	0.124	1.000	5.11	4.75	12.5	100.9448
30	63	13C6-PFDA	519.1 > 473.7	8.63e3	8.63e3	0.124	1.000	5.40	5.04	12.5	100.9448
31	64	13C7-PFUdA	570.1 > 524.8	1.18e4	1.18e4	0.124	1.000	5.72	5.36	12.5	100.9448
32	65	Total PFHxS	398.9 > 79.6	6.05e0	9.09e2	0.124		4.24		0.0832	0.6210



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-43.qld

Last Altered: Thursday, March 15, 2018 18:14:40 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:15:08 Pacific Daylight Time

**Name: 180312M1\_43, Date: 13-Mar-2018, Time: 05:40:09, ID: 1800367-08 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318**

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
33	66 Total PFOA	413 > 368.7	0.00e0	1.06e4	0.124		4.25		0.000		
34	67 Total PFOS	499 > 79.9	0.00e0	2.44e3	0.124		4.84		0.000		
35	68 Total N-MeFOSAA	570.1 > 419	0.00e0	3.03e3	0.124		5.55		0.000		
36	69 Total N-EtFOSAA	584.2 > 419	0.00e0	3.34e3	0.124		5.70		0.000		

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-43.qld

Last Altered: Thursday, March 15, 2018 18:14:40 Pacific Daylight Time

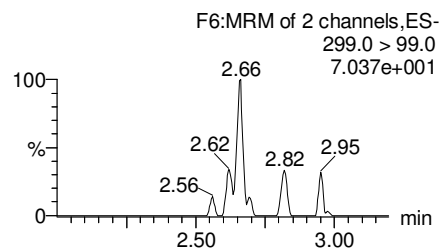
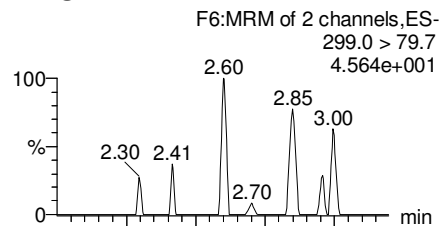
Printed: Thursday, March 15, 2018 18:15:08 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

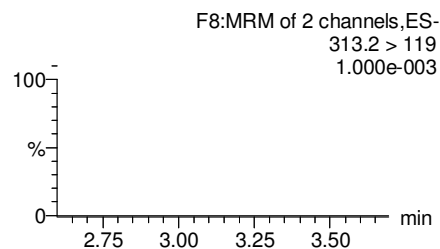
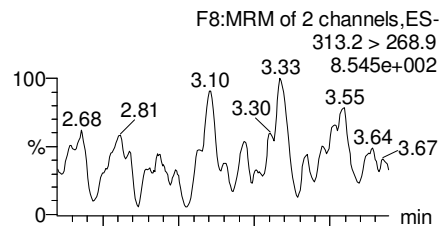
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_43, Date: 13-Mar-2018, Time: 05:40:09, ID: 1800367-08 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318

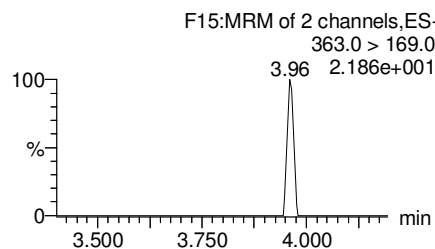
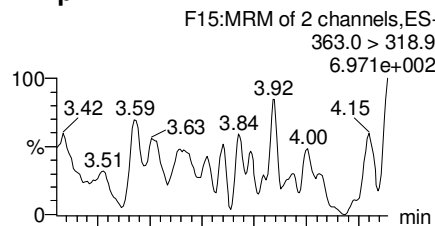
**PFBS**



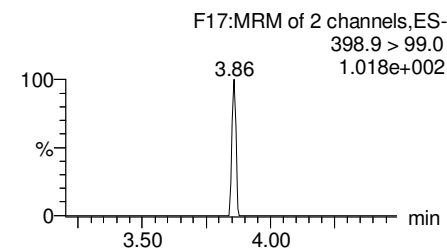
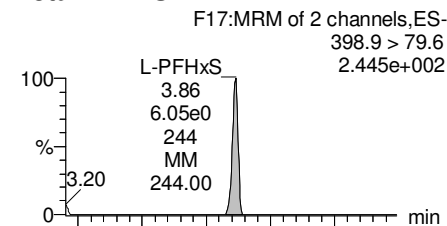
**PFHxA**



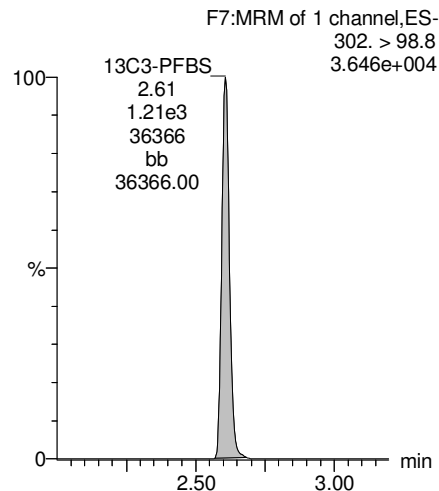
**PFHpA**



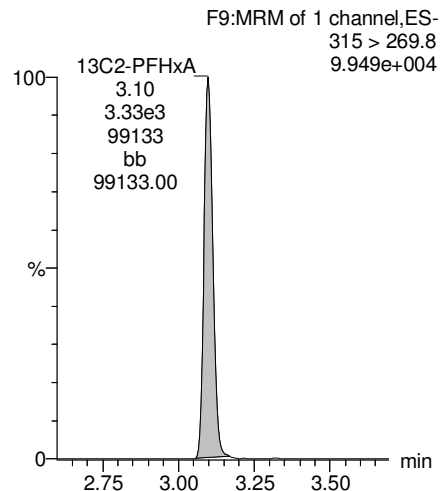
**Total PFHxS**



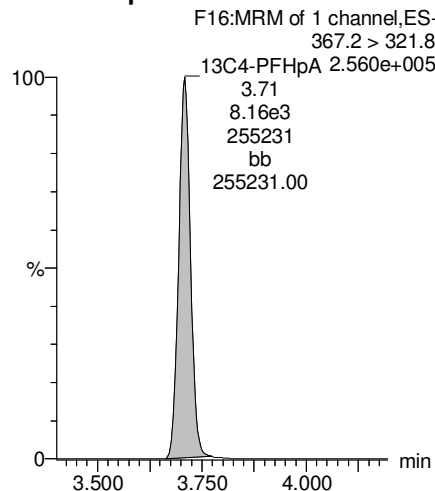
**13C3-PFBS**



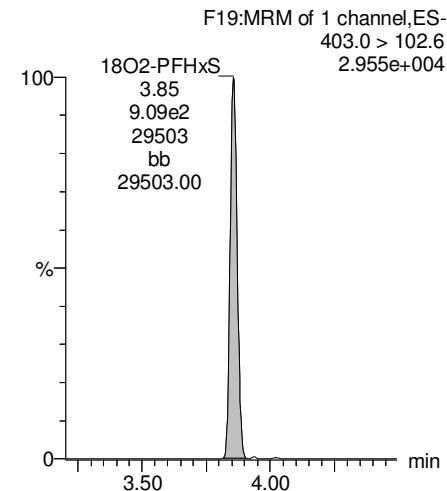
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-43.qld

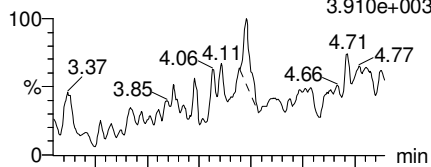
Last Altered: Thursday, March 15, 2018 18:14:40 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:15:08 Pacific Daylight Time

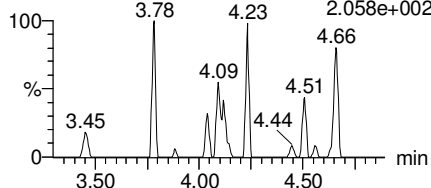
Name: 180312M1\_43, Date: 13-Mar-2018, Time: 05:40:09, ID: 1800367-08 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318

**Total PFOA**

F20:MRM of 2 channels,ES-  
413 > 368.7  
3.910e+003

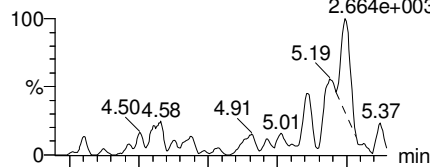


F20:MRM of 2 channels,ES-  
413 > 169  
2.058e+002

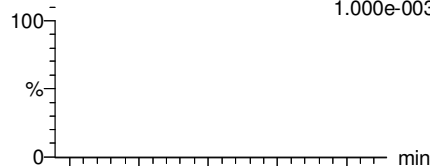


**PFNA**

F26:MRM of 2 channels,ES-  
463.0 > 418.8  
2.664e+003

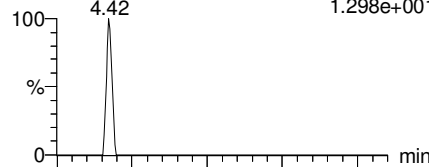


F26:MRM of 2 channels,ES-  
463.0 > 219.0  
1.000e-003

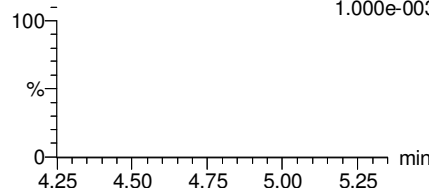


**Total PFOS**

F31:MRM of 2 channels,ES-  
499 > 79.9  
1.298e+001

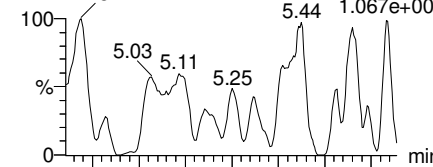


F31:MRM of 2 channels,ES-  
499 > 99  
1.000e-003

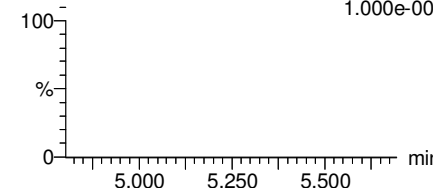


**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
1.067e+003

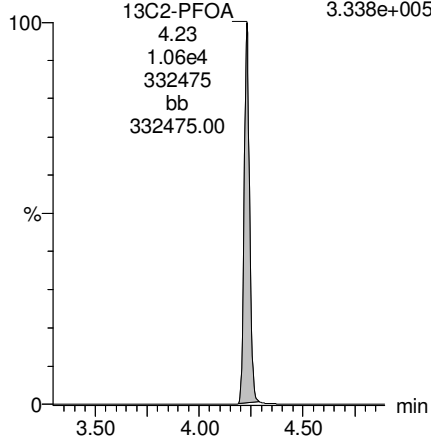


F36:MRM of 2 channels,ES-  
513 > 219  
1.000e-003



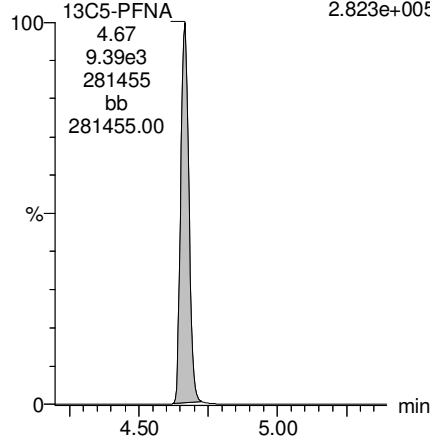
**13C2-PFOA**

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
3.338e+005



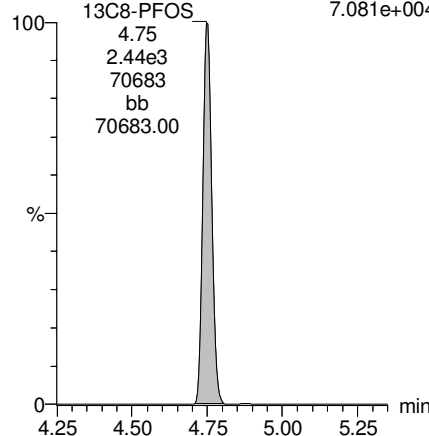
**13C5-PFNA**

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
2.823e+005



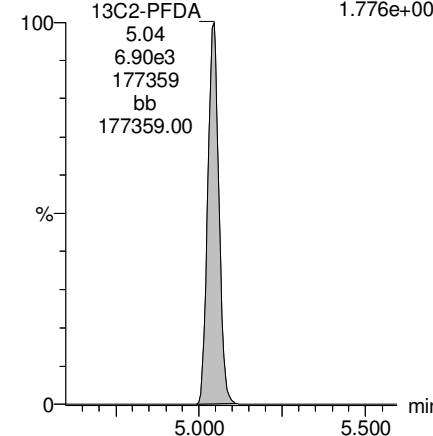
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
7.081e+004



**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
1.776e+005



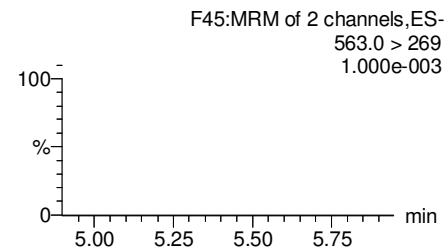
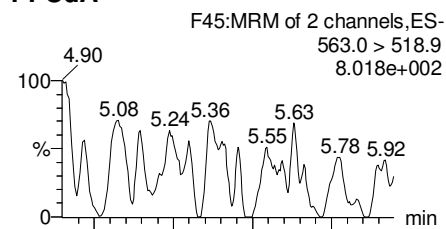
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-43.qld

Last Altered: Thursday, March 15, 2018 18:14:40 Pacific Daylight Time

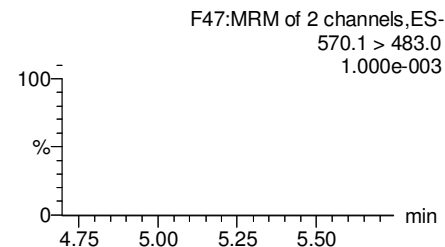
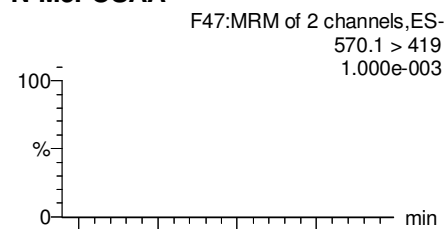
Printed: Thursday, March 15, 2018 18:15:08 Pacific Daylight Time

Name: 180312M1\_43, Date: 13-Mar-2018, Time: 05:40:09, ID: 1800367-08 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318

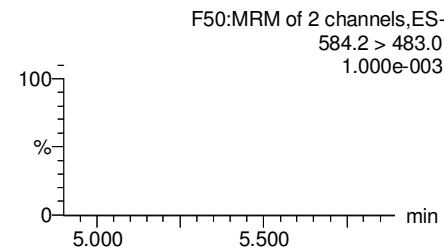
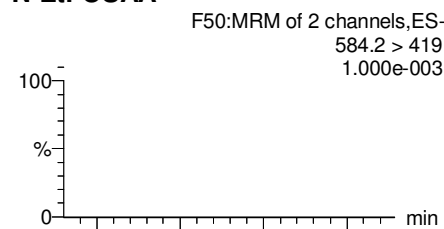
**PFUdA**



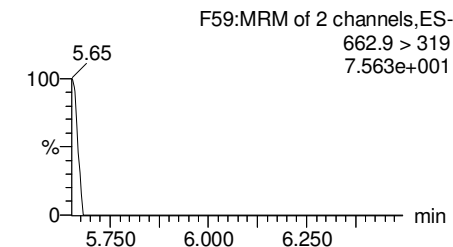
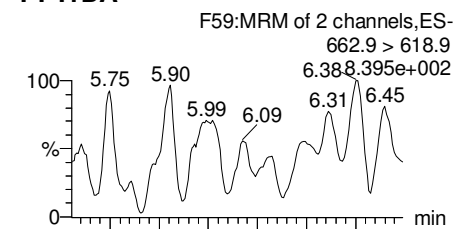
**N-MeFOSAA**



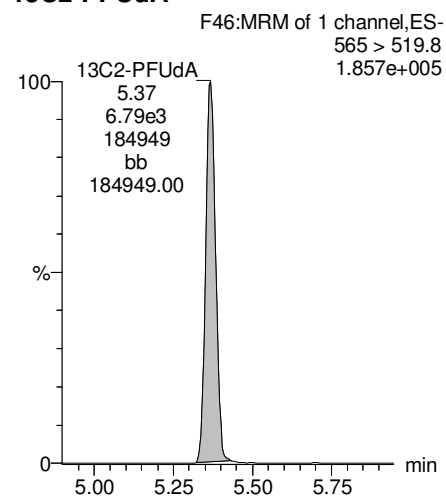
**N-EtFOSAA**



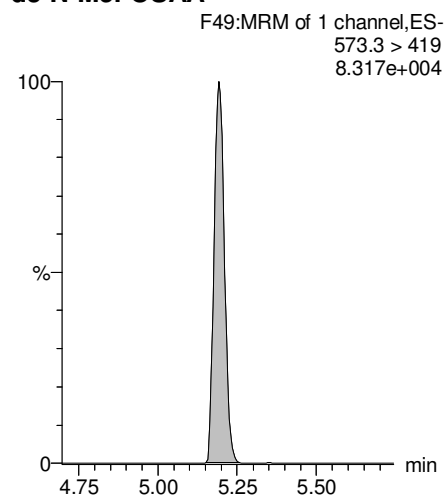
**PFTrDA**



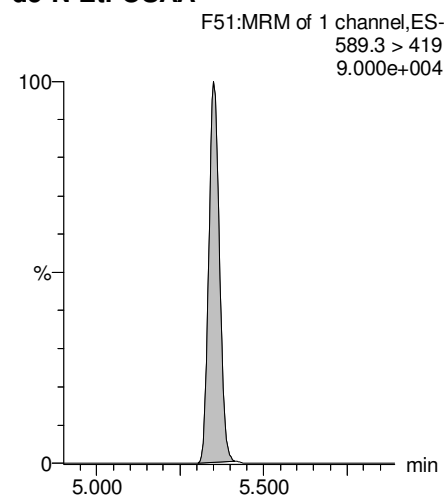
**13C2-PFUdA**



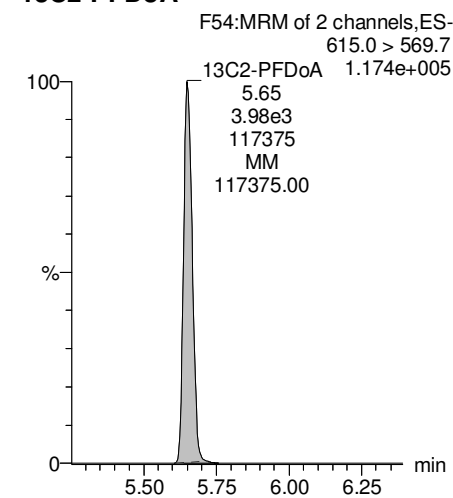
**d3-N-MeFOSAA**



**d5-N-EtFOSAA**



**13C2-PFDoA**



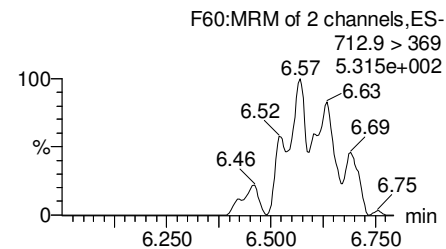
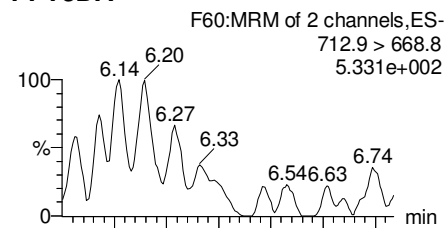
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-43.qld

Last Altered: Thursday, March 15, 2018 18:14:40 Pacific Daylight Time

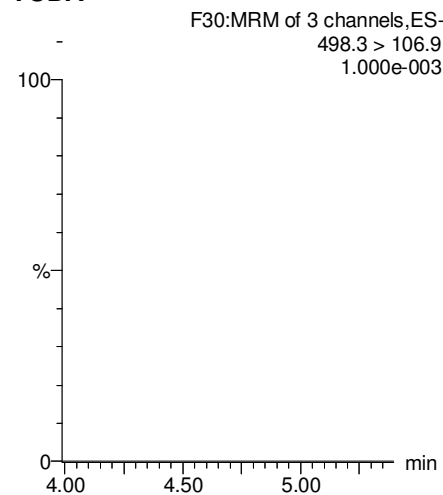
Printed: Thursday, March 15, 2018 18:15:08 Pacific Daylight Time

Name: 180312M1\_43, Date: 13-Mar-2018, Time: 05:40:09, ID: 1800367-08 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318

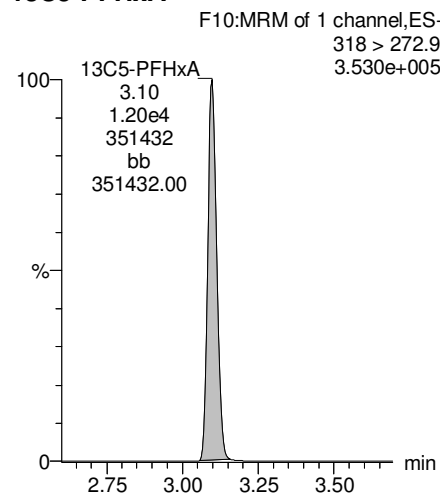
**PFTeDA**



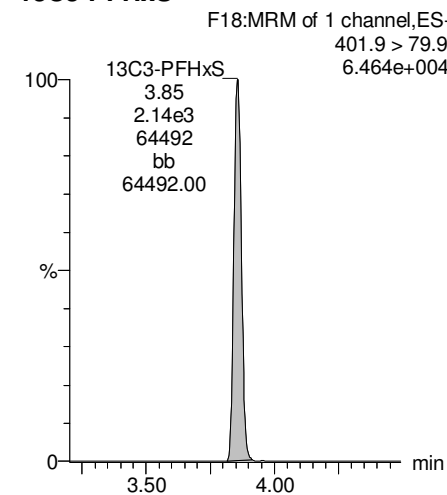
**TCDA**



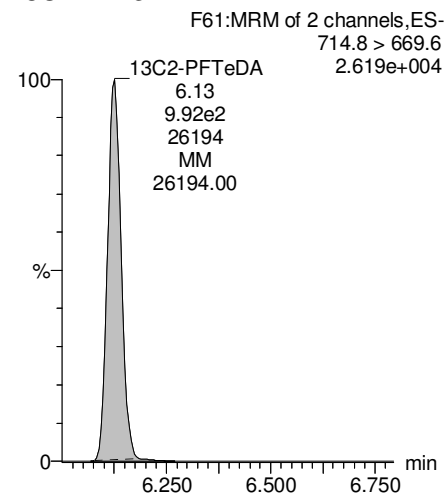
**13C5-PFHxA**



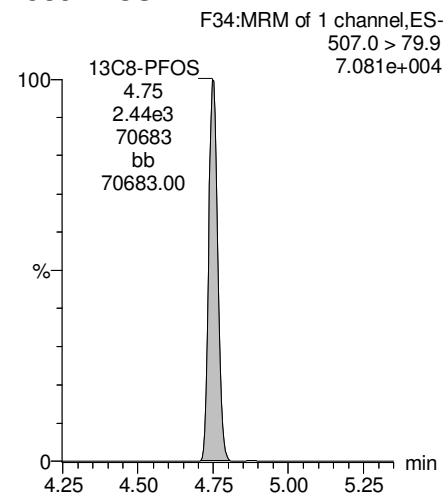
**13C3-PFHxS**



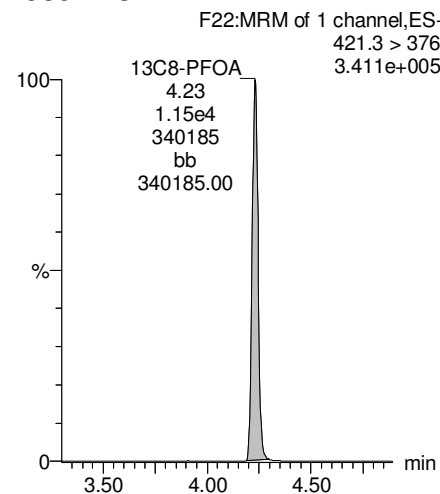
**13C2-PFTeDA**



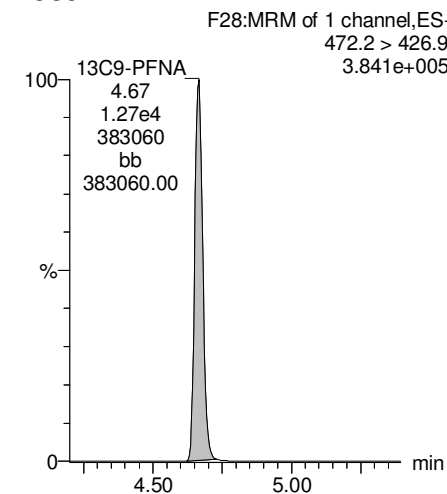
**13C8-PFOS**



**13C8-PFOA**



**13C9-PFNA**



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-43.qld

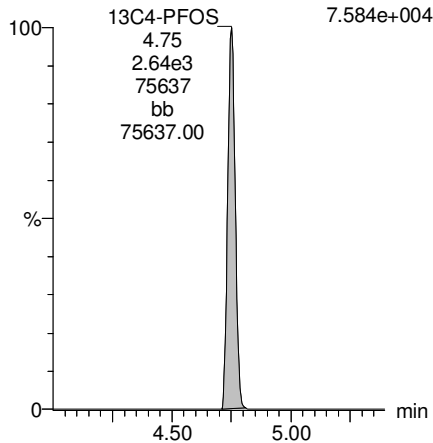
Last Altered: Thursday, March 15, 2018 18:14:40 Pacific Daylight Time

Printed: Thursday, March 15, 2018 18:15:08 Pacific Daylight Time

Name: 180312M1\_43, Date: 13-Mar-2018, Time: 05:40:09, ID: 1800367-08 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318

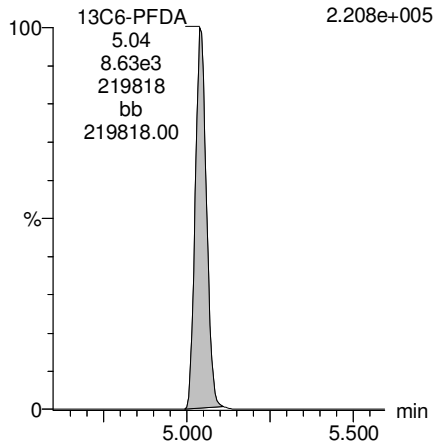
13C4-PFOS

F32:MRM of 1 channel,ES-  
503 > 79.9  
7.584e+004



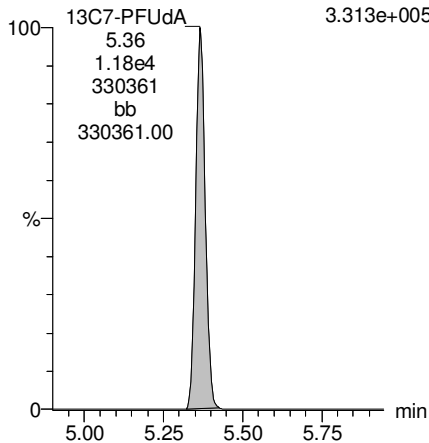
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
2.208e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
3.313e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-24.qld

Last Altered: Monday, March 19, 2018 13:39:00 Pacific Daylight Time

Printed: Monday, March 19, 2018 13:39:36 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_24, Date: 18-Mar-2018, Time: 00:09:33, ID: 1800367-08RE1 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318

	# Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	25 PFDaA	612.9 > 569.0		7.06e3		0.1210	6.14				
2	50 13C2-PFDaA	615.0 > 569.7	7.06e3	1.20e4	0.875	0.1210	6.14	5.92	7.36	69.5	67.3
3	64 13C7-PFUdA	570.1 > 524.8	1.20e4	1.20e4	1.000	0.1210	5.87	5.64	12.5	103	100.0

Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-24.qld

Last Altered: Monday, March 19, 2018 13:39:00 Pacific Daylight Time

Printed: Monday, March 19, 2018 13:39:36 Pacific Daylight Time

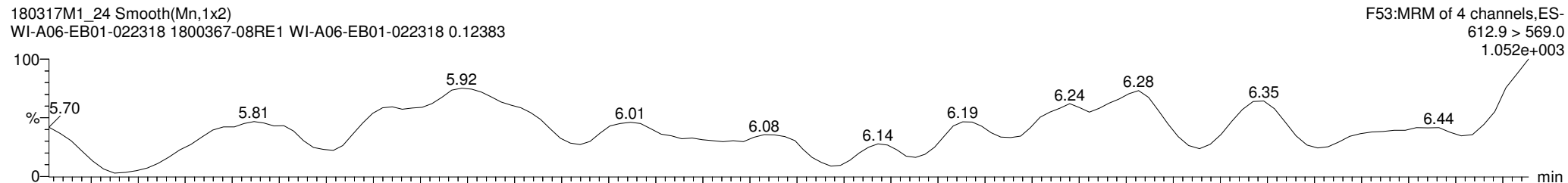
Method: Z:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

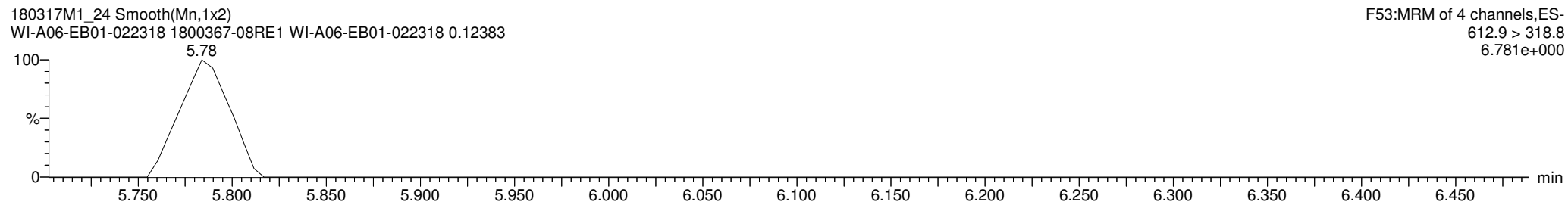
Name: 180317M1\_24, Date: 18-Mar-2018, Time: 00:09:33, ID: 1800367-08RE1 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318

**PFD0A**

180317M1\_24 Smooth(Mn,1x2)  
WI-A06-EB01-022318 1800367-08RE1 WI-A06-EB01-022318 0.12383

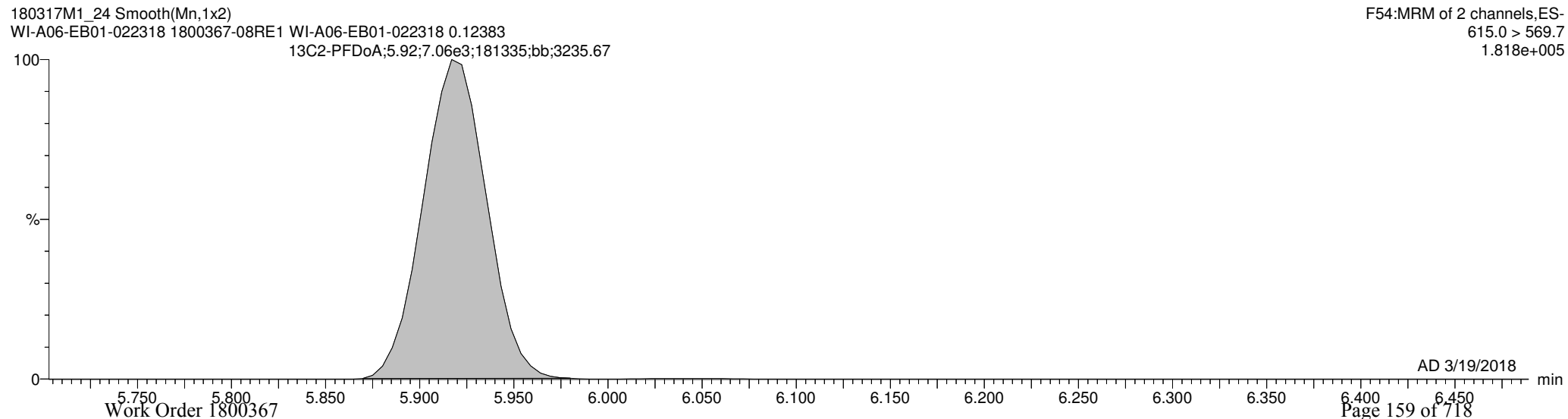


180317M1\_24 Smooth(Mn,1x2)  
WI-A06-EB01-022318 1800367-08RE1 WI-A06-EB01-022318 0.12383



**13C2-PFD0A**

180317M1\_24 Smooth(Mn,1x2)  
WI-A06-EB01-022318 1800367-08RE1 WI-A06-EB01-022318 0.12383





Dataset: Z:\Projects\PFAS.PRO\Results\180317M1\180317M1-24.qld

Last Altered: Monday, March 19, 2018 13:39:00 Pacific Daylight Time

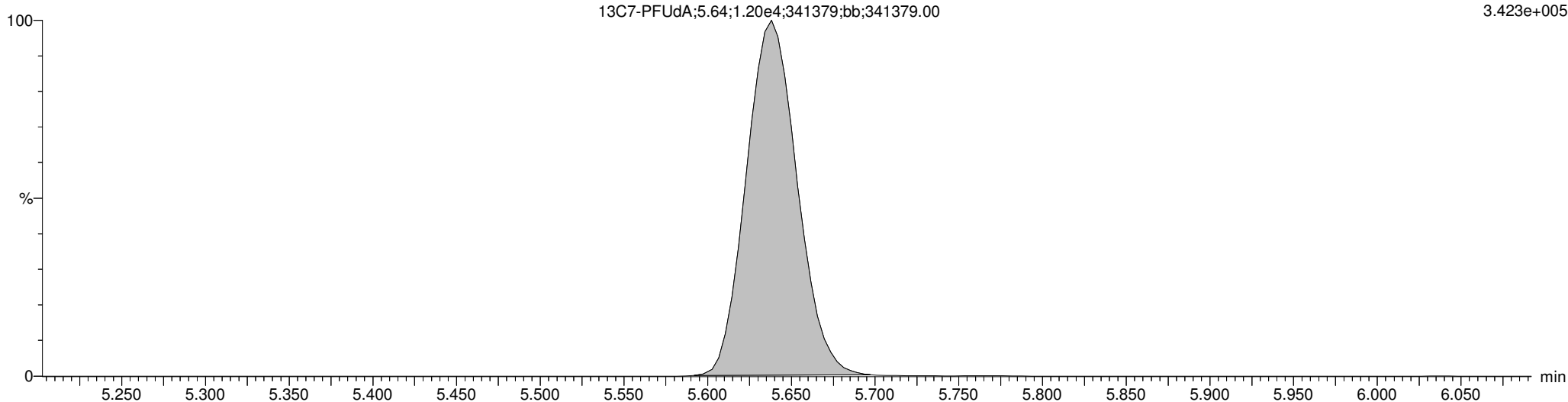
Printed: Monday, March 19, 2018 13:39:36 Pacific Daylight Time

Name: 180317M1\_24, Date: 18-Mar-2018, Time: 00:09:33, ID: 1800367-08RE1 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318

13C7-PFUdA

180317M1\_24 Smooth(Mn,1x2)  
WI-A06-EB01-022318 1800367-08RE1 WI-A06-EB01-022318 0.12383

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
3.423e+005



**INJECTION INTERNAL STANDARD (IIS) AREAS,  
INSTRUMENT BLANKS (IB)  
AND  
CONTINUING CALIBRATION VERIFICATIONS (CCV)**

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\IIS.qld

Last Altered: Friday, March 09, 2018 12:50:21 Pacific Standard Time

Printed: Friday, March 09, 2018 13:27:46 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_RS-2-5-18.mdb 06 Feb 2018 10:46:28

Calibration: 09 Mar 2018 12:50:20

Name: 180307M2\_7, Date: 08-Mar-2018, Time: 08:39:12, ID: ST180307M1-6 PFC CS3 18B2818, Description: PFC CS3 18B2818

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180307M1-6 PFC CS3 18B2818	9.97e3	100.0	NO
2	2 13C5-PFHxA	ST180307M1-6 PFC CS3 18B2818	2.42e4	100.0	NO
3	3 13C3-PFHxS	ST180307M1-6 PFC CS3 18B2818	4.34e3	100.0	NO
4	4 13C8-PFOA	ST180307M1-6 PFC CS3 18B2818	2.37e4	100.0	NO
5	5 13C9-PFNA	ST180307M1-6 PFC CS3 18B2818	2.56e4	100.0	NO
6	6 13C4-PFOS	ST180307M1-6 PFC CS3 18B2818	5.48e3	100.0	NO
7	7 13C6-PFDA	ST180307M1-6 PFC CS3 18B2818	2.34e4	100.0	NO
8	8 13C7-PFUDa	ST180307M1-6 PFC CS3 18B2818	2.40e4	100.0	NO

Name: 180307M2\_8, Date: 08-Mar-2018, Time: 08:50:42, ID: ST180307M1-7 PFC CS4 18B2819, Description: PFC CS4 18B2819

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180307M1-7 PFC CS4 18B2819	1.04e4	104.0	NO
2	2 13C5-PFHxA	ST180307M1-7 PFC CS4 18B2819	2.36e4	97.7	NO
3	3 13C3-PFHxS	ST180307M1-7 PFC CS4 18B2819	4.63e3	106.8	NO
4	4 13C8-PFOA	ST180307M1-7 PFC CS4 18B2819	2.18e4	91.7	NO
5	5 13C9-PFNA	ST180307M1-7 PFC CS4 18B2819	1.89e4	73.6	NO
6	6 13C4-PFOS	ST180307M1-7 PFC CS4 18B2819	4.46e3	81.3	NO
7	7 13C6-PFDA	ST180307M1-7 PFC CS4 18B2819	1.72e4	73.5	NO
8	8 13C7-PFUDa	ST180307M1-7 PFC CS4 18B2819	2.39e4	99.6	NO

Name: 180307M2\_9, Date: 08-Mar-2018, Time: 09:02:11, ID: ST180307M1-8 PFC CS5 18B2820, Description: PFC CS5 18B2820

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180307M1-8 PFC CS5 18B2820	1.11e4	111.1	NO
2	2 13C5-PFHxA	ST180307M1-8 PFC CS5 18B2820	2.32e4	96.1	NO
3	3 13C3-PFHxS	ST180307M1-8 PFC CS5 18B2820	4.46e3	102.9	NO
4	4 13C8-PFOA	ST180307M1-8 PFC CS5 18B2820	1.99e4	83.8	NO
5	5 13C9-PFNA	ST180307M1-8 PFC CS5 18B2820	2.23e4	86.8	NO
6	6 13C4-PFOS	ST180307M1-8 PFC CS5 18B2820	5.16e3	94.0	NO
7	7 13C6-PFDA	ST180307M1-8 PFC CS5 18B2820	2.53e4	108.2	NO
8	8 13C7-PFUDa	ST180307M1-8 PFC CS5 18B2820	2.19e4	91.2	NO

Name: 180307M2\_10, Date: 08-Mar-2018, Time: 09:13:38, ID: ST180307M1-9 PFC CS6 18B2821, Description: PFC CS6 18B2821

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180307M1-9 PFC CS6 18B2821	1.13e4	113.7	NO
2	2 13C5-PFHxA	ST180307M1-9 PFC CS6 18B2821	2.15e4	89.1	NO
3	3 13C3-PFHxS	ST180307M1-9 PFC CS6 18B2821	3.87e3	89.3	NO
4	4 13C8-PFOA	ST180307M1-9 PFC CS6 18B2821	1.99e4	83.9	NO
5	5 13C9-PFNA	ST180307M1-9 PFC CS6 18B2821	2.17e4	84.5	NO
6	6 13C4-PFOS	ST180307M1-9 PFC CS6 18B2821	4.26e3	77.6	NO
7	7 13C6-PFDA	ST180307M1-9 PFC CS6 18B2821	2.26e4	96.5	NO
8	8 13C7-PFUDa	ST180307M1-9 PFC CS6 18B2821	2.09e4	87.1	NO

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\IIS.qld

Last Altered: Friday, March 09, 2018 12:50:21 Pacific Standard Time

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**Name: 180307M2\_11, Date: 08-Mar-2018, Time: 09:25:07, ID: ST180307M1-10 PFC CS7 18B2822, Description: PFC CS7 18B2822**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180307M1-10 PFC CS7 18B2822	1.10e4	110.5	NO
2	2 13C5-PFHxA	ST180307M1-10 PFC CS7 18B2822	2.13e4	88.1	NO
3	3 13C3-PFHxS	ST180307M1-10 PFC CS7 18B2822	4.22e3	97.2	NO
4	4 13C8-PFOA	ST180307M1-10 PFC CS7 18B2822	1.98e4	83.4	NO
5	5 13C9-PFNA	ST180307M1-10 PFC CS7 18B2822	1.84e4	72.0	NO
6	6 13C4-PFOS	ST180307M1-10 PFC CS7 18B2822	4.69e3	85.5	NO
7	7 13C6-PFDA	ST180307M1-10 PFC CS7 18B2822	2.02e4	86.2	NO
8	8 13C7-PFUDa	ST180307M1-10 PFC CS7 18B2822	1.91e4	79.4	NO

**Name: 180307M2\_12, Date: 08-Mar-2018, Time: 09:36:36, 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: 180307M2\_13, Date: 08-Mar-2018, Time: 09:48:06, ID: ICV180307M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ICV180307M1-1 PFC ICV 18B2812	9.99e3	100.3	NO
2	2 13C5-PFHxA	ICV180307M1-1 PFC ICV 18B2812	2.21e4	91.7	NO
3	3 13C3-PFHxS	ICV180307M1-1 PFC ICV 18B2812	4.19e3	96.6	NO
4	4 13C8-PFOA	ICV180307M1-1 PFC ICV 18B2812	2.15e4	90.5	NO
5	5 13C9-PFNA	ICV180307M1-1 PFC ICV 18B2812	2.37e4	92.3	NO
6	6 13C4-PFOS	ICV180307M1-1 PFC ICV 18B2812	5.00e3	91.1	NO
7	7 13C6-PFDA	ICV180307M1-1 PFC ICV 18B2812	2.18e4	93.2	NO
8	8 13C7-PFUDa	ICV180307M1-1 PFC ICV 18B2812	2.50e4	104.1	NO

**Name: 180307M2\_14, Date: 08-Mar-2018, Time: 09:59:36, 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	6.29e0	0.0	YES

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\IIS.qld

Last Altered: Friday, March 09, 2018 12:50:21 Pacific Standard Time

Printed: Friday, March 09, 2018 13:27:46 Pacific Standard Time

**Name: 180307M2\_15, Date: 08-Mar-2018, Time: 10:11:05, ID: B8B0163-BS1 OPR 0.125, Description: OPR**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8B0163-BS1 OPR 0.125	9.13e3	91.6	NO
2	2 13C5-PFHxA	B8B0163-BS1 OPR 0.125	1.49e4	61.9	NO
3	3 13C3-PFHxS	B8B0163-BS1 OPR 0.125	2.79e3	64.3	NO
4	4 13C8-PFOA	B8B0163-BS1 OPR 0.125	1.24e4	52.2	NO
5	5 13C9-PFNA	B8B0163-BS1 OPR 0.125	1.56e4	61.0	NO
6	6 13C4-PFOS	B8B0163-BS1 OPR 0.125	2.93e3	53.5	NO
7	7 13C6-PFDA	B8B0163-BS1 OPR 0.125	1.60e4	68.5	NO
8	8 13C7-PFUDa	B8B0163-BS1 OPR 0.125	1.75e4	72.9	NO

**Name: 180307M2\_16, Date: 08-Mar-2018, Time: 10:22:35, ID: B8B0163-BSD1 LCSD 0.125, Description: LCSD**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8B0163-BSD1 LCSD 0.125	9.81e3	98.5	NO
2	2 13C5-PFHxA	B8B0163-BSD1 LCSD 0.125	1.46e4	60.2	NO
3	3 13C3-PFHxS	B8B0163-BSD1 LCSD 0.125	2.64e3	60.8	NO
4	4 13C8-PFOA	B8B0163-BSD1 LCSD 0.125	1.52e4	64.1	NO
5	5 13C9-PFNA	B8B0163-BSD1 LCSD 0.125	1.35e4	52.6	NO
6	6 13C4-PFOS	B8B0163-BSD1 LCSD 0.125	3.13e3	57.1	NO
7	7 13C6-PFDA	B8B0163-BSD1 LCSD 0.125	1.60e4	68.3	NO
8	8 13C7-PFUDa	B8B0163-BSD1 LCSD 0.125	1.46e4	61.0	NO

**Name: 180307M2\_17, Date: 08-Mar-2018, Time: 10:34:05, ID: B8B0163-BLK1 Method Blank 0.125, Description: Method Blank**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8B0163-BLK1 Method Blank 0.125	1.04e4	104.3	NO
2	2 13C5-PFHxA	B8B0163-BLK1 Method Blank 0.125	1.66e4	68.7	NO
3	3 13C3-PFHxS	B8B0163-BLK1 Method Blank 0.125	3.19e3	73.6	NO
4	4 13C8-PFOA	B8B0163-BLK1 Method Blank 0.125	1.39e4	58.4	NO
5	5 13C9-PFNA	B8B0163-BLK1 Method Blank 0.125	1.72e4	67.2	NO
6	6 13C4-PFOS	B8B0163-BLK1 Method Blank 0.125	3.67e3	66.9	NO
7	7 13C6-PFDA	B8B0163-BLK1 Method Blank 0.125	1.62e4	69.1	NO
8	8 13C7-PFUDa	B8B0163-BLK1 Method Blank 0.125	1.67e4	69.7	NO

**Name: 180307M2\_18, Date: 08-Mar-2018, Time: 10:45:32, ID: 1800356-01 WI-AF-SB-FB-022018 0.11754, Description: WI-AF-SB-FB-022018**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800356-01 WI-AF-SB-FB-022018 0.11...	9.20e3	92.4	NO
2	2 13C5-PFHxA	1800356-01 WI-AF-SB-FB-022018 0.11...	1.45e4	60.1	NO
3	3 13C3-PFHxS	1800356-01 WI-AF-SB-FB-022018 0.11...	2.95e3	68.0	NO
4	4 13C8-PFOA	1800356-01 WI-AF-SB-FB-022018 0.11...	1.40e4	59.0	NO
5	5 13C9-PFNA	1800356-01 WI-AF-SB-FB-022018 0.11...	1.49e4	58.2	NO
6	6 13C4-PFOS	1800356-01 WI-AF-SB-FB-022018 0.11...	3.70e3	67.4	NO
7	7 13C6-PFDA	1800356-01 WI-AF-SB-FB-022018 0.11...	1.43e4	60.9	NO
8	8 13C7-PFUDa	1800356-01 WI-AF-SB-FB-022018 0.11...	1.54e4	64.1	NO

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**Name: 180307M2\_19, Date: 08-Mar-2018, Time: 10:57:01, ID: 1800356-02 WI-AF-EB11-SO-0218 0.11967,**  
**Description: WI-AF-EB11-SO-0218**

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800356-02 WI-AF-EB11-SO-0218 0.11...	8.73e3	87.6	NO
2	2	13C5-PFHxA	1800356-02 WI-AF-EB11-SO-0218 0.11...	1.40e4	58.1	NO
3	3	13C3-PFHxS	1800356-02 WI-AF-EB11-SO-0218 0.11...	2.87e3	66.2	NO
4	4	13C8-PFOA	1800356-02 WI-AF-EB11-SO-0218 0.11...	1.36e4	57.4	NO
5	5	13C9-PFNA	1800356-02 WI-AF-EB11-SO-0218 0.11...	1.48e4	57.8	NO
6	6	13C4-PFOS	1800356-02 WI-AF-EB11-SO-0218 0.11...	3.07e3	55.9	NO
7	7	13C6-PFDA	1800356-02 WI-AF-EB11-SO-0218 0.11...	1.50e4	64.0	NO
8	8	13C7-PFUDa	1800356-02 WI-AF-EB11-SO-0218 0.11...	1.64e4	68.3	NO

**Name: 180307M2\_20, Date: 08-Mar-2018, Time: 11:08:27, ID: 1800361-01 WI-A06-EB01-021918 0.11631,**  
**Description: WI-A06-EB01-021918**

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800361-01 WI-A06-EB01-021918 0.11...	9.74e3	97.8	NO
2	2	13C5-PFHxA	1800361-01 WI-A06-EB01-021918 0.11...	1.49e4	61.8	NO
3	3	13C3-PFHxS	1800361-01 WI-A06-EB01-021918 0.11...	2.69e3	62.1	NO
4	4	13C8-PFOA	1800361-01 WI-A06-EB01-021918 0.11...	1.45e4	61.2	NO
5	5	13C9-PFNA	1800361-01 WI-A06-EB01-021918 0.11...	1.46e4	56.9	NO
6	6	13C4-PFOS	1800361-01 WI-A06-EB01-021918 0.11...	3.00e3	54.7	NO
7	7	13C6-PFDA	1800361-01 WI-A06-EB01-021918 0.11...	1.37e4	58.5	NO
8	8	13C7-PFUDa	1800361-01 WI-A06-EB01-021918 0.11...	1.64e4	68.2	NO

**Name: 180307M2\_21, Date: 08-Mar-2018, Time: 11:19:57, ID: 1800361-02 WI-A06-MW-13-0218 0.12182,**  
**Description: WI-A06-MW-13-0218**

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800361-02 WI-A06-MW-13-0218 0.12...	8.11e3	81.3	NO
2	2	13C5-PFHxA	1800361-02 WI-A06-MW-13-0218 0.12...	1.26e4	52.1	NO
3	3	13C3-PFHxS	1800361-02 WI-A06-MW-13-0218 0.12...	2.66e3	61.4	NO
4	4	13C8-PFOA	1800361-02 WI-A06-MW-13-0218 0.12...	1.14e4	48.1	YES
5	5	13C9-PFNA	1800361-02 WI-A06-MW-13-0218 0.12...	1.34e4	52.3	NO
6	6	13C4-PFOS	1800361-02 WI-A06-MW-13-0218 0.12...	2.69e3	49.1	YES
7	7	13C6-PFDA	1800361-02 WI-A06-MW-13-0218 0.12...	1.04e4	44.6	YES
8	8	13C7-PFUDa	1800361-02 WI-A06-MW-13-0218 0.12...	1.36e4	56.7	NO

**Name: 180307M2\_22, Date: 08-Mar-2018, Time: 11:31:27, ID: 1800361-03 WI-A06-FB01-022018 0.12192,**  
**Description: WI-A06-FB01-022018**

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800361-03 WI-A06-FB01-022018 0.12...	9.71e3	97.4	NO
2	2	13C5-PFHxA	1800361-03 WI-A06-FB01-022018 0.12...	1.54e4	63.8	NO
3	3	13C3-PFHxS	1800361-03 WI-A06-FB01-022018 0.12...	3.28e3	75.5	NO
4	4	13C8-PFOA	1800361-03 WI-A06-FB01-022018 0.12...	1.60e4	67.6	NO
5	5	13C9-PFNA	1800361-03 WI-A06-FB01-022018 0.12...	1.46e4	57.1	NO
6	6	13C4-PFOS	1800361-03 WI-A06-FB01-022018 0.12...	2.95e3	53.8	NO
7	7	13C6-PFDA	1800361-03 WI-A06-FB01-022018 0.12...	1.60e4	68.3	NO
8	8	13C7-PFUDa	1800361-03 WI-A06-FB01-022018 0.12...	1.80e4	75.0	NO

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**Name: 180307M2\_23, Date: 08-Mar-2018, Time: 11:42:57, ID: 1800361-04 WI-A06-6-DW-38A-0218 0.11965,**  
**Description: WI-A06-6-DW-38A-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-04 WI-A06-6-DW-38A-0218 0....	9.77e3	98.1	NO
2	2 13C5-PFHxA	1800361-04 WI-A06-6-DW-38A-0218 0....	1.47e4	61.0	NO
3	3 13C3-PFHxS	1800361-04 WI-A06-6-DW-38A-0218 0....	3.26e3	75.1	NO
4	4 13C8-PFOA	1800361-04 WI-A06-6-DW-38A-0218 0....	1.52e4	64.0	NO
5	5 13C9-PFNA	1800361-04 WI-A06-6-DW-38A-0218 0....	1.48e4	57.9	NO
6	6 13C4-PFOS	1800361-04 WI-A06-6-DW-38A-0218 0....	3.50e3	63.9	NO
7	7 13C6-PFDA	1800361-04 WI-A06-6-DW-38A-0218 0....	1.47e4	63.0	NO
8	8 13C7-PFUDa	1800361-04 WI-A06-6-DW-38A-0218 0....	1.44e4	59.9	NO

**Name: 180307M2\_24, Date: 08-Mar-2018, Time: 11:58:01, ID: 1800361-05 WI-A06-EB01-022018 0.12096,**  
**Description: WI-A06-EB01-022018**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-05 WI-A06-EB01-022018 0.12...	9.65e3	96.9	NO
2	2 13C5-PFHxA	1800361-05 WI-A06-EB01-022018 0.12...	1.49e4	61.7	NO
3	3 13C3-PFHxS	1800361-05 WI-A06-EB01-022018 0.12...	2.78e3	64.1	NO
4	4 13C8-PFOA	1800361-05 WI-A06-EB01-022018 0.12...	1.47e4	61.8	NO
5	5 13C9-PFNA	1800361-05 WI-A06-EB01-022018 0.12...	1.76e4	68.7	NO
6	6 13C4-PFOS	1800361-05 WI-A06-EB01-022018 0.12...	3.36e3	61.3	NO
7	7 13C6-PFDA	1800361-05 WI-A06-EB01-022018 0.12...	1.60e4	68.2	NO
8	8 13C7-PFUDa	1800361-05 WI-A06-EB01-022018 0.12...	1.78e4	74.2	NO

**Name: 180307M2\_25, Date: 08-Mar-2018, Time: 12:09:30, ID: 1800361-06 WI-A06-6-S-27-0218 0.1213,**  
**Description: WI-A06-6-S-27-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-06 WI-A06-6-S-27-0218 0.1213	8.67e3	87.0	NO
2	2 13C5-PFHxA	1800361-06 WI-A06-6-S-27-0218 0.1213	1.34e4	55.5	NO
3	3 13C3-PFHxS	1800361-06 WI-A06-6-S-27-0218 0.1213	3.26e3	75.0	NO
4	4 13C8-PFOA	1800361-06 WI-A06-6-S-27-0218 0.1213	1.37e4	57.9	NO
5	5 13C9-PFNA	1800361-06 WI-A06-6-S-27-0218 0.1213	1.44e4	56.2	NO
6	6 13C4-PFOS	1800361-06 WI-A06-6-S-27-0218 0.1213	2.76e3	50.4	NO
7	7 13C6-PFDA	1800361-06 WI-A06-6-S-27-0218 0.1213	1.21e4	51.8	NO
8	8 13C7-PFUDa	1800361-06 WI-A06-6-S-27-0218 0.1213	1.51e4	63.1	NO

**Name: 180307M2\_26, Date: 08-Mar-2018, Time: 12:21:00, ID: 1800361-07 WI-A06-6-S-28-0218 0.12084,**  
**Description: WI-A06-6-S-28-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-07 WI-A06-6-S-28-0218 0.120...	9.42e3	94.5	NO
2	2 13C5-PFHxA	1800361-07 WI-A06-6-S-28-0218 0.120...	1.49e4	61.8	NO
3	3 13C3-PFHxS	1800361-07 WI-A06-6-S-28-0218 0.120...	3.08e3	70.9	NO
4	4 13C8-PFOA	1800361-07 WI-A06-6-S-28-0218 0.120...	1.33e4	55.9	NO
5	5 13C9-PFNA	1800361-07 WI-A06-6-S-28-0218 0.120...	1.63e4	63.5	NO
6	6 13C4-PFOS	1800361-07 WI-A06-6-S-28-0218 0.120...	2.98e3	54.3	NO
7	7 13C6-PFDA	1800361-07 WI-A06-6-S-28-0218 0.120...	1.48e4	63.3	NO
8	8 13C7-PFUDa	1800361-07 WI-A06-6-S-28-0218 0.120...	1.37e4	57.2	NO

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**Name: 180307M2\_27, Date: 08-Mar-2018, Time: 12:32:30, ID: 1800361-08 WI-A06-FB01-022118 0.11778,**  
**Description: WI-A06-FB01-022118**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-08 WI-A06-FB01-022118 0.11...	9.57e3	96.0	NO
2	2 13C5-PFHxA	1800361-08 WI-A06-FB01-022118 0.11...	1.44e4	59.6	NO
3	3 13C3-PFHxS	1800361-08 WI-A06-FB01-022118 0.11...	3.02e3	69.6	NO
4	4 13C8-PFOA	1800361-08 WI-A06-FB01-022118 0.11...	1.31e4	55.2	NO
5	5 13C9-PFNA	1800361-08 WI-A06-FB01-022118 0.11...	1.72e4	66.9	NO
6	6 13C4-PFOS	1800361-08 WI-A06-FB01-022118 0.11...	2.71e3	49.4	YES
7	7 13C6-PFDA	1800361-08 WI-A06-FB01-022118 0.11...	1.61e4	68.8	NO
8	8 13C7-PFUDa	1800361-08 WI-A06-FB01-022118 0.11...	1.53e4	63.9	NO

**Name: 180307M2\_28, Date: 08-Mar-2018, Time: 12:43:59, ID: 1800361-09 WI-A06-MW-01-0218 0.12063,**  
**Description: WI-A06-MW-01-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-09 WI-A06-MW-01-0218 0.12...	5.38e3	54.0	NO
2	2 13C5-PFHxA	1800361-09 WI-A06-MW-01-0218 0.12...	9.47e3	39.2	YES
3	3 13C3-PFHxS	1800361-09 WI-A06-MW-01-0218 0.12...	3.14e3	72.5	NO
4	4 13C8-PFOA	1800361-09 WI-A06-MW-01-0218 0.12...	1.09e4	45.8	YES
5	5 13C9-PFNA	1800361-09 WI-A06-MW-01-0218 0.12...	1.27e4	49.6	YES
6	6 13C4-PFOS	1800361-09 WI-A06-MW-01-0218 0.12...	3.63e3	66.3	NO
7	7 13C6-PFDA	1800361-09 WI-A06-MW-01-0218 0.12...	1.25e4	53.3	NO
8	8 13C7-PFUDa	1800361-09 WI-A06-MW-01-0218 0.12...	1.29e4	53.7	NO

**Name: 180307M2\_29, Date: 08-Mar-2018, Time: 12:55:25, ID: 1800361-10 WI-A06-EB01-022118 0.12144,**  
**Description: WI-A06-EB01-022118**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-10 WI-A06-EB01-022118 0.12...	1.02e4	102.8	NO
2	2 13C5-PFHxA	1800361-10 WI-A06-EB01-022118 0.12...	1.47e4	60.7	NO
3	3 13C3-PFHxS	1800361-10 WI-A06-EB01-022118 0.12...	2.80e3	64.6	NO
4	4 13C8-PFOA	1800361-10 WI-A06-EB01-022118 0.12...	1.48e4	62.4	NO
5	5 13C9-PFNA	1800361-10 WI-A06-EB01-022118 0.12...	1.61e4	62.7	NO
6	6 13C4-PFOS	1800361-10 WI-A06-EB01-022118 0.12...	3.03e3	55.2	NO
7	7 13C6-PFDA	1800361-10 WI-A06-EB01-022118 0.12...	1.42e4	60.5	NO
8	8 13C7-PFUDa	1800361-10 WI-A06-EB01-022118 0.12...	1.76e4	73.1	NO

**Name: 180307M2\_30, Date: 08-Mar-2018, Time: 13:06:54, 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: 180307M2\_31, Date: 08-Mar-2018, Time: 13:18:21, ID: ST180307M1-11 PFC CS3 18B2317, Description: PFC CS3 18B2317**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180307M1-11 PFC CS3 18B2317	9.83e3	98.6	NO
2	2 13C5-PFHxA	ST180307M1-11 PFC CS3 18B2317	2.26e4	93.4	NO
3	3 13C3-PFHxS	ST180307M1-11 PFC CS3 18B2317	4.38e3	101.0	NO
4	4 13C8-PFOA	ST180307M1-11 PFC CS3 18B2317	2.01e4	84.7	NO
5	5 13C9-PFNA	ST180307M1-11 PFC CS3 18B2317	2.32e4	90.6	NO
6	6 13C4-PFOS	ST180307M1-11 PFC CS3 18B2317	4.25e3	77.5	NO
7	7 13C6-PFDA	ST180307M1-11 PFC CS3 18B2317	1.85e4	79.0	NO
8	8 13C7-PFUdA	ST180307M1-11 PFC CS3 18B2317	2.25e4	93.9	NO

**Name: 180307M2\_32, Date: 08-Mar-2018, Time: 13:29:51, 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: 180307M2\_33, Date: 08-Mar-2018, Time: 13:41:21, ID: B8C0006-BS1 OPR 0.25, Description: OPR**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0006-BS1 OPR 0.25	1.17e4	117.4	NO
2	2 13C5-PFHxA	B8C0006-BS1 OPR 0.25	1.78e4	73.6	NO
3	3 13C3-PFHxS	B8C0006-BS1 OPR 0.25	3.27e3	75.4	NO
4	4 13C8-PFOA	B8C0006-BS1 OPR 0.25	1.46e4	61.4	NO
5	5 13C9-PFNA	B8C0006-BS1 OPR 0.25	1.85e4	72.0	NO
6	6 13C4-PFOS	B8C0006-BS1 OPR 0.25	3.32e3	60.6	NO
7	7 13C6-PFDA	B8C0006-BS1 OPR 0.25	1.54e4	65.6	NO
8	8 13C7-PFUdA	B8C0006-BS1 OPR 0.25	1.59e4	66.1	NO

**Name: 180307M2\_34, Date: 08-Mar-2018, Time: 13:52:50, ID: B8C0006-BSD1 LCSD 0.25, Description: LCSD**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0006-BSD1 LCSD 0.25	1.13e4	113.0	NO
2	2 13C5-PFHxA	B8C0006-BSD1 LCSD 0.25	1.66e4	68.7	NO
3	3 13C3-PFHxS	B8C0006-BSD1 LCSD 0.25	3.26e3	75.1	NO
4	4 13C8-PFOA	B8C0006-BSD1 LCSD 0.25	1.66e4	70.0	NO
5	5 13C9-PFNA	B8C0006-BSD1 LCSD 0.25	1.60e4	62.3	NO
6	6 13C4-PFOS	B8C0006-BSD1 LCSD 0.25	3.36e3	61.3	NO
7	7 13C6-PFDA	B8C0006-BSD1 LCSD 0.25	1.53e4	65.5	NO
8	8 13C7-PFUdA	B8C0006-BSD1 LCSD 0.25	1.85e4	77.1	NO

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**Name: 180307M2\_35, Date: 08-Mar-2018, Time: 14:04:20, ID: B8C0006-BLK1 Method Blank 0.25, Description: Method Blank**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0006-BLK1 Method Blank 0.25	1.13e4	113.2	NO
2	2 13C5-PFHxA	B8C0006-BLK1 Method Blank 0.25	1.68e4	69.7	NO
3	3 13C3-PFHxS	B8C0006-BLK1 Method Blank 0.25	3.41e3	78.7	NO
4	4 13C8-PFOA	B8C0006-BLK1 Method Blank 0.25	1.45e4	61.2	NO
5	5 13C9-PFNA	B8C0006-BLK1 Method Blank 0.25	1.66e4	64.9	NO
6	6 13C4-PFOS	B8C0006-BLK1 Method Blank 0.25	3.18e3	58.0	NO
7	7 13C6-PFDA	B8C0006-BLK1 Method Blank 0.25	1.32e4	56.4	NO
8	8 13C7-PFUDa	B8C0006-BLK1 Method Blank 0.25	1.13e4	47.1	YES

**Name: 180307M2\_36, Date: 08-Mar-2018, Time: 14:15:49, ID: 1800367-01 WI-A06-EB01-0218 0.12311, Description: WI-A06-EB01-0218**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-01 WI-A06-EB01-0218 0.12311	1.11e4	111.6	NO
2	2 13C5-PFHxA	1800367-01 WI-A06-EB01-0218 0.12311	1.72e4	71.3	NO
3	3 13C3-PFHxS	1800367-01 WI-A06-EB01-0218 0.12311	3.62e3	83.4	NO
4	4 13C8-PFOA	1800367-01 WI-A06-EB01-0218 0.12311	1.67e4	70.5	NO
5	5 13C9-PFNA	1800367-01 WI-A06-EB01-0218 0.12311	1.95e4	76.2	NO
6	6 13C4-PFOS	1800367-01 WI-A06-EB01-0218 0.12311	4.06e3	74.0	NO
7	7 13C6-PFDA	1800367-01 WI-A06-EB01-0218 0.12311	1.60e4	68.3	NO
8	8 13C7-PFUDa	1800367-01 WI-A06-EB01-0218 0.12311	1.45e4	60.2	NO

**Name: 180307M2\_37, Date: 08-Mar-2018, Time: 14:27:19, ID: 1800367-02 WI-A06-MW03B-0218 0.11921, Description: WI-A06-MW03B-0218**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-02 WI-A06-MW03B-0218 0.11...	1.02e4	102.3	NO
2	2 13C5-PFHxA	1800367-02 WI-A06-MW03B-0218 0.11...	1.63e4	67.4	NO
3	3 13C3-PFHxS	1800367-02 WI-A06-MW03B-0218 0.11...	3.13e3	72.2	NO
4	4 13C8-PFOA	1800367-02 WI-A06-MW03B-0218 0.11...	1.52e4	64.0	NO
5	5 13C9-PFNA	1800367-02 WI-A06-MW03B-0218 0.11...	1.33e4	52.1	NO
6	6 13C4-PFOS	1800367-02 WI-A06-MW03B-0218 0.11...	3.18e3	57.9	NO
7	7 13C6-PFDA	1800367-02 WI-A06-MW03B-0218 0.11...	1.36e4	58.3	NO
8	8 13C7-PFUDa	1800367-02 WI-A06-MW03B-0218 0.11...	1.23e4	51.2	NO

**Name: 180307M2\_38, Date: 08-Mar-2018, Time: 14:38:49, ID: 1800367-03 WI-A06-FB01-022218 0.12396, Description: WI-A06-FB01-022218**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-03 WI-A06-FB01-022218 0.12...	1.16e4	116.7	NO
2	2 13C5-PFHxA	1800367-03 WI-A06-FB01-022218 0.12...	1.67e4	68.9	NO
3	3 13C3-PFHxS	1800367-03 WI-A06-FB01-022218 0.12...	3.31e3	76.2	NO
4	4 13C8-PFOA	1800367-03 WI-A06-FB01-022218 0.12...	1.66e4	70.0	NO
5	5 13C9-PFNA	1800367-03 WI-A06-FB01-022218 0.12...	1.85e4	72.2	NO
6	6 13C4-PFOS	1800367-03 WI-A06-FB01-022218 0.12...	3.88e3	70.9	NO
7	7 13C6-PFDA	1800367-03 WI-A06-FB01-022218 0.12...	1.35e4	57.9	NO
8	8 13C7-PFUDa	1800367-03 WI-A06-FB01-022218 0.12...	1.77e4	73.9	NO

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**Name: 180307M2\_39, Date: 08-Mar-2018, Time: 14:50:16, ID: 1800367-04 WI-A06-6-S-02-0218 0.11895,**  
**Description: WI-A06-6-S-02-0218**

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800367-04 WI-A06-6-S-02-0218 0.118...	1.09e4	109.3	NO
2	2	13C5-PFHxA	1800367-04 WI-A06-6-S-02-0218 0.118...	1.61e4	66.6	NO
3	3	13C3-PFHxS	1800367-04 WI-A06-6-S-02-0218 0.118...	3.40e3	78.4	NO
4	4	13C8-PFOA	1800367-04 WI-A06-6-S-02-0218 0.118...	1.59e4	67.0	NO
5	5	13C9-PFNA	1800367-04 WI-A06-6-S-02-0218 0.118...	1.65e4	64.3	NO
6	6	13C4-PFOS	1800367-04 WI-A06-6-S-02-0218 0.118...	3.48e3	63.4	NO
7	7	13C6-PFDA	1800367-04 WI-A06-6-S-02-0218 0.118...	1.29e4	55.1	NO
8	8	13C7-PFUDa	1800367-04 WI-A06-6-S-02-0218 0.118...	1.04e4	43.2	YES

**Name: 180307M2\_40, Date: 08-Mar-2018, Time: 15:01:45, ID: 1800367-05 WI-A06-6-S-05-0218 0.12239,**  
**Description: WI-A06-6-S-05-0218**

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800367-05 WI-A06-6-S-05-0218 0.122...	1.04e4	104.6	NO
2	2	13C5-PFHxA	1800367-05 WI-A06-6-S-05-0218 0.122...	1.72e4	71.2	NO
3	3	13C3-PFHxS	1800367-05 WI-A06-6-S-05-0218 0.122...	3.17e3	73.0	NO
4	4	13C8-PFOA	1800367-05 WI-A06-6-S-05-0218 0.122...	1.43e4	60.1	NO
5	5	13C9-PFNA	1800367-05 WI-A06-6-S-05-0218 0.122...	1.78e4	69.4	NO
6	6	13C4-PFOS	1800367-05 WI-A06-6-S-05-0218 0.122...	3.52e3	64.1	NO
7	7	13C6-PFDA	1800367-05 WI-A06-6-S-05-0218 0.122...	1.23e4	52.5	NO
8	8	13C7-PFUDa	1800367-05 WI-A06-6-S-05-0218 0.122...	1.44e4	60.1	NO

**Name: 180307M2\_41, Date: 08-Mar-2018, Time: 15:13:12, ID: 1800367-06 WI-A06-6-S-05P-0218 0.12532,**  
**Description: WI-A06-6-S-05P-0218**

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800367-06 WI-A06-6-S-05P-0218 0.12...	1.10e4	109.9	NO
2	2	13C5-PFHxA	1800367-06 WI-A06-6-S-05P-0218 0.12...	1.56e4	64.4	NO
3	3	13C3-PFHxS	1800367-06 WI-A06-6-S-05P-0218 0.12...	3.18e3	73.3	NO
4	4	13C8-PFOA	1800367-06 WI-A06-6-S-05P-0218 0.12...	1.69e4	71.3	NO
5	5	13C9-PFNA	1800367-06 WI-A06-6-S-05P-0218 0.12...	1.79e4	69.9	NO
6	6	13C4-PFOS	1800367-06 WI-A06-6-S-05P-0218 0.12...	3.01e3	54.9	NO
7	7	13C6-PFDA	1800367-06 WI-A06-6-S-05P-0218 0.12...	1.43e4	60.9	NO
8	8	13C7-PFUDa	1800367-06 WI-A06-6-S-05P-0218 0.12...	1.64e4	68.4	NO

**Name: 180307M2\_42, Date: 08-Mar-2018, Time: 15:24:41, ID: 1800367-07 WI-A06-FB01-022318 0.12195,**  
**Description: WI-A06-FB01-022318**

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800367-07 WI-A06-FB01-022318 0.12...	1.07e4	106.9	NO
2	2	13C5-PFHxA	1800367-07 WI-A06-FB01-022318 0.12...	1.49e4	61.7	NO
3	3	13C3-PFHxS	1800367-07 WI-A06-FB01-022318 0.12...	2.90e3	66.8	NO
4	4	13C8-PFOA	1800367-07 WI-A06-FB01-022318 0.12...	1.56e4	65.7	NO
5	5	13C9-PFNA	1800367-07 WI-A06-FB01-022318 0.12...	1.54e4	60.1	NO
6	6	13C4-PFOS	1800367-07 WI-A06-FB01-022318 0.12...	3.56e3	64.9	NO
7	7	13C6-PFDA	1800367-07 WI-A06-FB01-022318 0.12...	1.39e4	59.2	NO
8	8	13C7-PFUDa	1800367-07 WI-A06-FB01-022318 0.12...	1.74e4	72.5	NO

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**Name: 180307M2\_43, Date: 08-Mar-2018, Time: 15:36:11, ID: 1800367-08 WI-A06-EB01-022318 0.12383,**  
**Description: WI-A06-EB01-022318**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-08 WI-A06-EB01-022318 0.12...	1.05e4	105.7	NO
2	2 13C5-PFHxA	1800367-08 WI-A06-EB01-022318 0.12...	1.58e4	65.6	NO
3	3 13C3-PFHxS	1800367-08 WI-A06-EB01-022318 0.12...	2.99e3	68.8	NO
4	4 13C8-PFOA	1800367-08 WI-A06-EB01-022318 0.12...	1.50e4	63.4	NO
5	5 13C9-PFNA	1800367-08 WI-A06-EB01-022318 0.12...	1.54e4	60.2	NO
6	6 13C4-PFOS	1800367-08 WI-A06-EB01-022318 0.12...	3.40e3	62.1	NO
7	7 13C6-PFDA	1800367-08 WI-A06-EB01-022318 0.12...	1.39e4	59.5	NO
8	8 13C7-PFUDa	1800367-08 WI-A06-EB01-022318 0.12...	1.05e4	43.6	YES

**Name: 180307M2\_44, Date: 08-Mar-2018, Time: 15:47:41, ID: 1800369-01 GW2630180222RAP 0.25761,**  
**Description: GW2630180222RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800369-01 GW2630180222RAP 0.257...	1.12e4	112.9	NO
2	2 13C5-PFHxA	1800369-01 GW2630180222RAP 0.257...	1.59e4	65.8	NO
3	3 13C3-PFHxS	1800369-01 GW2630180222RAP 0.257...	3.10e3	71.4	NO
4	4 13C8-PFOA	1800369-01 GW2630180222RAP 0.257...	1.45e4	61.3	NO
5	5 13C9-PFNA	1800369-01 GW2630180222RAP 0.257...	1.64e4	64.0	NO
6	6 13C4-PFOS	1800369-01 GW2630180222RAP 0.257...	3.03e3	55.2	NO
7	7 13C6-PFDA	1800369-01 GW2630180222RAP 0.257...	1.16e4	49.5	YES
8	8 13C7-PFUDa	1800369-01 GW2630180222RAP 0.257...	1.53e4	63.6	NO

**Name: 180307M2\_45, Date: 08-Mar-2018, Time: 15:59:10, ID: 1800369-02 GW3640180222RAP 0.24942,**  
**Description: GW3640180222RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800369-02 GW3640180222RAP 0.249...	1.09e4	109.5	NO
2	2 13C5-PFHxA	1800369-02 GW3640180222RAP 0.249...	1.69e4	70.0	NO
3	3 13C3-PFHxS	1800369-02 GW3640180222RAP 0.249...	3.21e3	74.1	NO
4	4 13C8-PFOA	1800369-02 GW3640180222RAP 0.249...	1.64e4	68.9	NO
5	5 13C9-PFNA	1800369-02 GW3640180222RAP 0.249...	1.65e4	64.4	NO
6	6 13C4-PFOS	1800369-02 GW3640180222RAP 0.249...	3.77e3	68.7	NO
7	7 13C6-PFDA	1800369-02 GW3640180222RAP 0.249...	1.50e4	64.0	NO
8	8 13C7-PFUDa	1800369-02 GW3640180222RAP 0.249...	1.53e4	63.6	NO

**Name: 180307M2\_46, Date: 08-Mar-2018, Time: 16:10:40, ID: 1800369-03 GW4650180223RAP 0.2611,**  
**Description: GW4650180223RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800369-03 GW4650180223RAP 0.2611	1.13e4	113.4	NO
2	2 13C5-PFHxA	1800369-03 GW4650180223RAP 0.2611	1.62e4	67.3	NO
3	3 13C3-PFHxS	1800369-03 GW4650180223RAP 0.2611	2.96e3	68.3	NO
4	4 13C8-PFOA	1800369-03 GW4650180223RAP 0.2611	1.69e4	71.2	NO
5	5 13C9-PFNA	1800369-03 GW4650180223RAP 0.2611	1.72e4	66.9	NO
6	6 13C4-PFOS	1800369-03 GW4650180223RAP 0.2611	3.72e3	67.8	NO
7	7 13C6-PFDA	1800369-03 GW4650180223RAP 0.2611	1.62e4	69.1	NO
8	8 13C7-PFUDa	1800369-03 GW4650180223RAP 0.2611	1.58e4	65.7	NO

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**Name: 180307M2\_47, Date: 08-Mar-2018, Time: 16:22:08, ID: 1800370-01 WR1802230920JLB 0.27194, Description: WR1802230920JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-01 WR1802230920JLB 0.27194	1.12e4	112.7	NO
2	2 13C5-PFHxA	1800370-01 WR1802230920JLB 0.27194	1.72e4	71.1	NO
3	3 13C3-PFHxS	1800370-01 WR1802230920JLB 0.27194	3.31e3	76.3	NO
4	4 13C8-PFOA	1800370-01 WR1802230920JLB 0.27194	1.57e4	66.2	NO
5	5 13C9-PFNA	1800370-01 WR1802230920JLB 0.27194	1.73e4	67.6	NO
6	6 13C4-PFOS	1800370-01 WR1802230920JLB 0.27194	3.04e3	55.5	NO
7	7 13C6-PFDA	1800370-01 WR1802230920JLB 0.27194	1.31e4	55.8	NO
8	8 13C7-PFUDa	1800370-01 WR1802230920JLB 0.27194	9.73e3	40.5	YES

**Name: 180307M2\_48, Date: 08-Mar-2018, Time: 16:33:39, ID: 1800370-02 WR1802230950JLB 0.27055, Description: WR1802230950JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-02 WR1802230950JLB 0.27055	1.03e4	102.9	NO
2	2 13C5-PFHxA	1800370-02 WR1802230950JLB 0.27055	1.45e4	59.8	NO
3	3 13C3-PFHxS	1800370-02 WR1802230950JLB 0.27055	3.10e3	71.5	NO
4	4 13C8-PFOA	1800370-02 WR1802230950JLB 0.27055	1.38e4	58.0	NO
5	5 13C9-PFNA	1800370-02 WR1802230950JLB 0.27055	1.55e4	60.4	NO
6	6 13C4-PFOS	1800370-02 WR1802230950JLB 0.27055	3.02e3	55.1	NO
7	7 13C6-PFDA	1800370-02 WR1802230950JLB 0.27055	1.28e4	54.8	NO
8	8 13C7-PFUDa	1800370-02 WR1802230950JLB 0.27055	1.56e4	65.1	NO

**Name: 180307M2\_49, Date: 08-Mar-2018, Time: 16:45:10, ID: 1800370-03 WR1802231025JLB 0.25444, Description: WR1802231025JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-03 WR1802231025JLB 0.25444	1.03e4	103.2	NO
2	2 13C5-PFHxA	1800370-03 WR1802231025JLB 0.25444	1.58e4	65.3	NO
3	3 13C3-PFHxS	1800370-03 WR1802231025JLB 0.25444	3.23e3	74.5	NO
4	4 13C8-PFOA	1800370-03 WR1802231025JLB 0.25444	1.49e4	62.7	NO
5	5 13C9-PFNA	1800370-03 WR1802231025JLB 0.25444	1.57e4	61.2	NO
6	6 13C4-PFOS	1800370-03 WR1802231025JLB 0.25444	3.38e3	61.7	NO
7	7 13C6-PFDA	1800370-03 WR1802231025JLB 0.25444	1.22e4	51.9	NO
8	8 13C7-PFUDa	1800370-03 WR1802231025JLB 0.25444	1.64e4	68.3	NO

**Name: 180307M2\_50, Date: 08-Mar-2018, Time: 16:56:39, 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	5.15e0	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: 180307M2\_51, Date: 08-Mar-2018, Time: 17:08:09, ID: ST180307M1-12 PFC CS3 18B2317, Description: PFC CS3 18B2317**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180307M1-12 PFC CS3 18B2317	1.05e4	105.3	NO
2	2 13C5-PFHxA	ST180307M1-12 PFC CS3 18B2317	2.29e4	94.6	NO
3	3 13C3-PFHxS	ST180307M1-12 PFC CS3 18B2317	4.80e3	110.6	NO
4	4 13C8-PFOA	ST180307M1-12 PFC CS3 18B2317	2.08e4	87.6	NO
5	5 13C9-PFNA	ST180307M1-12 PFC CS3 18B2317	2.59e4	101.0	NO
6	6 13C4-PFOS	ST180307M1-12 PFC CS3 18B2317	4.48e3	81.6	NO
7	7 13C6-PFDA	ST180307M1-12 PFC CS3 18B2317	2.22e4	95.0	NO
8	8 13C7-PFUDa	ST180307M1-12 PFC CS3 18B2317	2.44e4	101.5	NO

**Name: 180307M2\_52, Date: 08-Mar-2018, Time: 17:19:39, 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: 180307M2\_53, Date: 08-Mar-2018, Time: 17:31:06, ID: 1800370-04 FB1802231030JLB 0.23963, Description: FB1802231030JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-04 FB1802231030JLB 0.23963	1.09e4	109.5	NO
2	2 13C5-PFHxA	1800370-04 FB1802231030JLB 0.23963	1.58e4	65.2	NO
3	3 13C3-PFHxS	1800370-04 FB1802231030JLB 0.23963	2.96e3	68.2	NO
4	4 13C8-PFOA	1800370-04 FB1802231030JLB 0.23963	1.51e4	63.5	NO
5	5 13C9-PFNA	1800370-04 FB1802231030JLB 0.23963	1.42e4	55.3	NO
6	6 13C4-PFOS	1800370-04 FB1802231030JLB 0.23963	3.71e3	67.6	NO
7	7 13C6-PFDA	1800370-04 FB1802231030JLB 0.23963	1.15e4	49.3	YES
8	8 13C7-PFUDa	1800370-04 FB1802231030JLB 0.23963	9.89e3	41.2	YES

**Name: 180307M2\_54, Date: 08-Mar-2018, Time: 17:42:36, ID: 1800370-05 WR1802231120JLB 0.27209, Description: WR1802231120JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-05 WR1802231120JLB 0.27209	1.05e4	105.5	NO
2	2 13C5-PFHxA	1800370-05 WR1802231120JLB 0.27209	1.48e4	61.1	NO
3	3 13C3-PFHxS	1800370-05 WR1802231120JLB 0.27209	3.00e3	69.0	NO
4	4 13C8-PFOA	1800370-05 WR1802231120JLB 0.27209	1.33e4	56.0	NO
5	5 13C9-PFNA	1800370-05 WR1802231120JLB 0.27209	1.41e4	54.9	NO
6	6 13C4-PFOS	1800370-05 WR1802231120JLB 0.27209	3.23e3	59.0	NO
7	7 13C6-PFDA	1800370-05 WR1802231120JLB 0.27209	1.38e4	59.0	NO
8	8 13C7-PFUDa	1800370-05 WR1802231120JLB 0.27209	1.39e4	57.8	NO

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**Name: 180307M2\_55, Date: 08-Mar-2018, Time: 17:54:03, ID: 1800370-06 WR1802231155JLB 0.255, Description: WR1802231155JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-06 WR1802231155JLB 0.255	1.03e4	103.8	NO
2	2 13C5-PFHxA	1800370-06 WR1802231155JLB 0.255	1.59e4	65.9	NO
3	3 13C3-PFHxS	1800370-06 WR1802231155JLB 0.255	3.16e3	72.9	NO
4	4 13C8-PFOA	1800370-06 WR1802231155JLB 0.255	1.30e4	54.7	NO
5	5 13C9-PFNA	1800370-06 WR1802231155JLB 0.255	1.47e4	57.2	NO
6	6 13C4-PFOS	1800370-06 WR1802231155JLB 0.255	2.92e3	53.3	NO
7	7 13C6-PFDA	1800370-06 WR1802231155JLB 0.255	1.11e4	47.4	YES
8	8 13C7-PFUDa	1800370-06 WR1802231155JLB 0.255	7.35e3	30.6	YES

**Name: 180307M2\_56, Date: 08-Mar-2018, Time: 18:05:29, ID: 1800370-07 WT1802261035JLB 0.27331, Description: WT1802261035JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-07 WT1802261035JLB 0.27331	1.01e4	101.7	NO
2	2 13C5-PFHxA	1800370-07 WT1802261035JLB 0.27331	1.58e4	65.4	NO
3	3 13C3-PFHxS	1800370-07 WT1802261035JLB 0.27331	2.99e3	68.8	NO
4	4 13C8-PFOA	1800370-07 WT1802261035JLB 0.27331	1.28e4	54.0	NO
5	5 13C9-PFNA	1800370-07 WT1802261035JLB 0.27331	1.41e4	55.0	NO
6	6 13C4-PFOS	1800370-07 WT1802261035JLB 0.27331	2.95e3	53.8	NO
7	7 13C6-PFDA	1800370-07 WT1802261035JLB 0.27331	1.20e4	51.4	NO
8	8 13C7-PFUDa	1800370-07 WT1802261035JLB 0.27331	8.23e3	34.3	YES

**Name: 180307M2\_57, Date: 08-Mar-2018, Time: 18:16:58, ID: 1800370-08 WT1802261100JLB 0.27258, Description: WT1802261100JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-08 WT1802261100JLB 0.27258	1.14e4	114.0	NO
2	2 13C5-PFHxA	1800370-08 WT1802261100JLB 0.27258	1.74e4	72.1	NO
3	3 13C3-PFHxS	1800370-08 WT1802261100JLB 0.27258	3.18e3	73.2	NO
4	4 13C8-PFOA	1800370-08 WT1802261100JLB 0.27258	1.65e4	69.7	NO
5	5 13C9-PFNA	1800370-08 WT1802261100JLB 0.27258	1.71e4	66.8	NO
6	6 13C4-PFOS	1800370-08 WT1802261100JLB 0.27258	3.52e3	64.2	NO
7	7 13C6-PFDA	1800370-08 WT1802261100JLB 0.27258	1.35e4	57.7	NO
8	8 13C7-PFUDa	1800370-08 WT1802261100JLB 0.27258	1.68e4	70.2	NO

**Name: 180307M2\_58, Date: 08-Mar-2018, Time: 18:28:27, ID: 1800370-09 WR1802261125JLB 0.25932, Description: WR1802261125JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-09 WR1802261125JLB 0.25932	1.13e4	113.9	NO
2	2 13C5-PFHxA	1800370-09 WR1802261125JLB 0.25932	1.57e4	65.0	NO
3	3 13C3-PFHxS	1800370-09 WR1802261125JLB 0.25932	3.33e3	76.8	NO
4	4 13C8-PFOA	1800370-09 WR1802261125JLB 0.25932	1.34e4	56.4	NO
5	5 13C9-PFNA	1800370-09 WR1802261125JLB 0.25932	1.55e4	60.6	NO
6	6 13C4-PFOS	1800370-09 WR1802261125JLB 0.25932	3.29e3	60.1	NO
7	7 13C6-PFDA	1800370-09 WR1802261125JLB 0.25932	1.31e4	56.2	NO
8	8 13C7-PFUDa	1800370-09 WR1802261125JLB 0.25932	1.46e4	60.9	NO

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\IIS.qld

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Printed: Friday, March 09, 2018 13:27:46 Pacific Standard Time

**Name: 180307M2\_59, Date: 08-Mar-2018, Time: 18:39:56, 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: 180307M2\_60, Date: 08-Mar-2018, Time: 18:51:26, ID: ST180307M1-13 PFC CS3 18B2317, Description: PFC CS3 18B2317**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180307M1-13 PFC CS3 18B2317	8.79e3	88.2	NO
2	2 13C5-PFHxA	ST180307M1-13 PFC CS3 18B2317	2.29e4	94.7	NO
3	3 13C3-PFHxS	ST180307M1-13 PFC CS3 18B2317	4.63e3	106.7	NO
4	4 13C8-PFOA	ST180307M1-13 PFC CS3 18B2317	2.20e4	92.6	NO
5	5 13C9-PFNA	ST180307M1-13 PFC CS3 18B2317	2.56e4	99.8	NO
6	6 13C4-PFOS	ST180307M1-13 PFC CS3 18B2317	5.20e3	94.8	NO
7	7 13C6-PFDA	ST180307M1-13 PFC CS3 18B2317	2.10e4	89.5	NO
8	8 13C7-PFUdA	ST180307M1-13 PFC CS3 18B2317	2.40e4	100.1	NO



Dataset: Untitled

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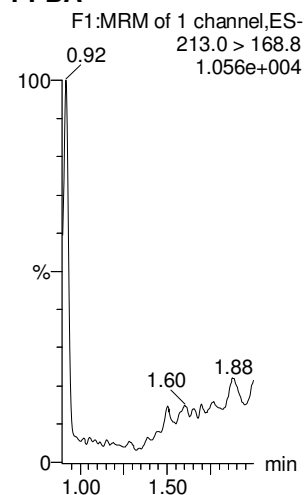
Printed: Thursday, March 08, 2018 12:25:10 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 08 Mar 2018 11:59:09

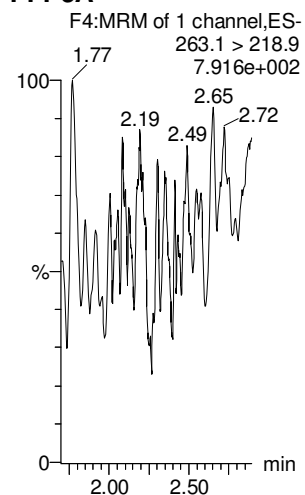
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL.cdb 08 Mar 2018 11:58:32

Name: 180307M1\_16, Date: 07-Mar-2018, Time: 18:52:38, ID: IPA, Description: IPA

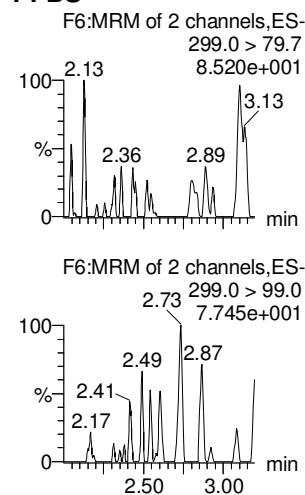
**PFBA**



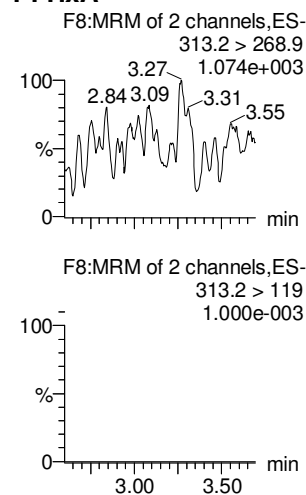
**PFPeA**



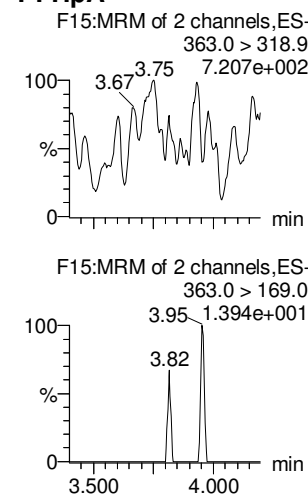
**PFBS**



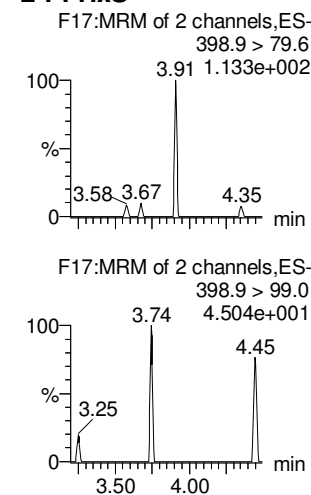
**PFHxA**



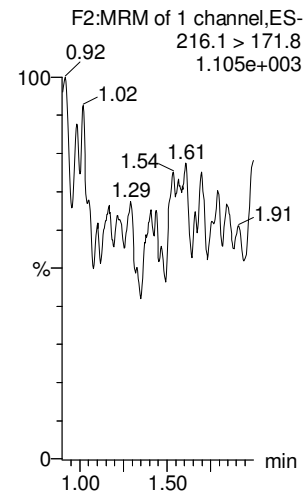
**PFHpA**



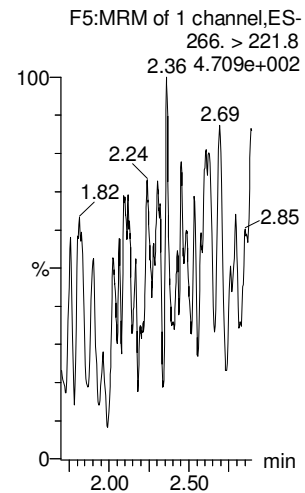
**L-PFHxS**



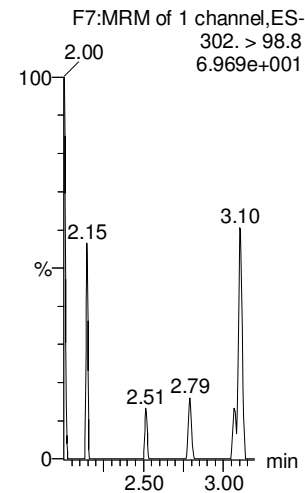
**13C3-PFBA**



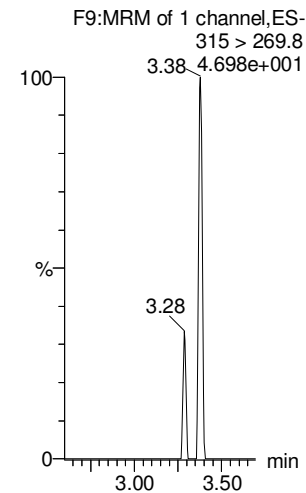
**13C3-PFPeA**



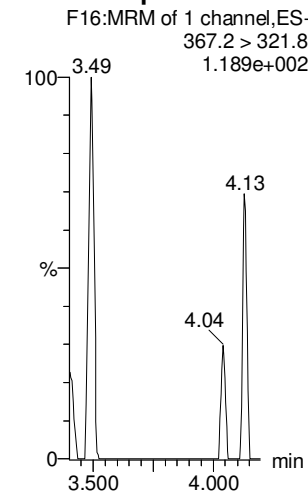
**13C3-PFBS**



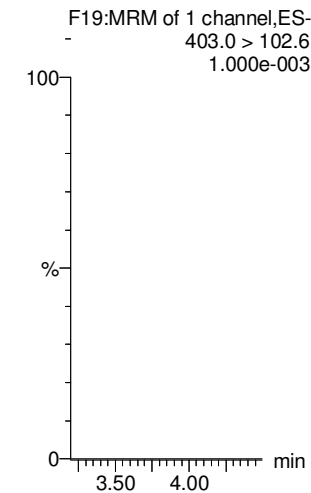
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



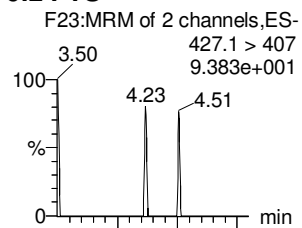
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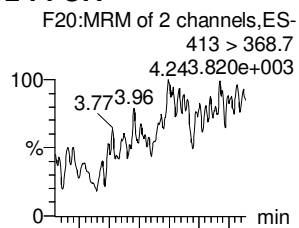
Printed: Thursday, March 08, 2018 12:25:10 Pacific Standard Time

Name: 180307M1\_16, Date: 07-Mar-2018, Time: 18:52:38, ID: IPA, Description: IPA

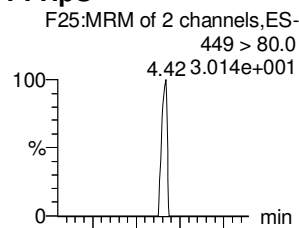
**6:2 FTS**



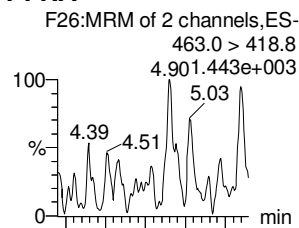
**L-PFOA**



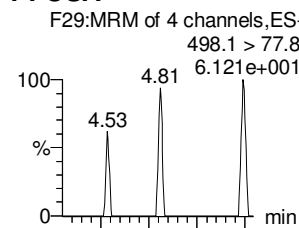
**PFHpS**



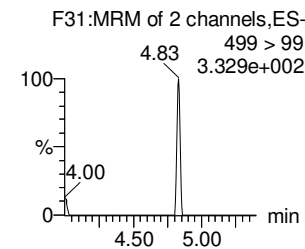
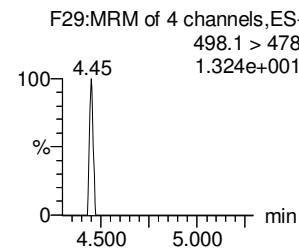
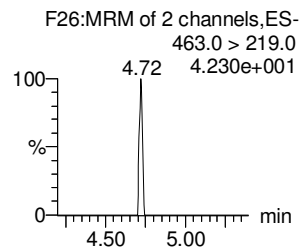
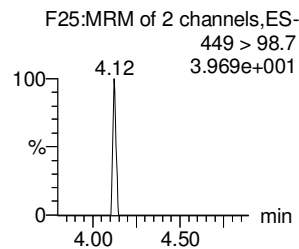
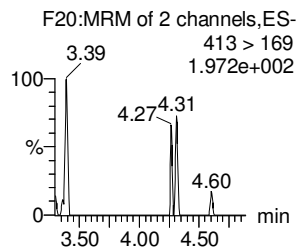
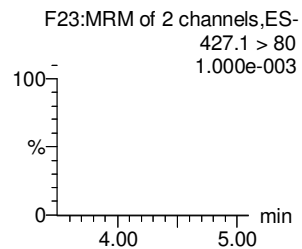
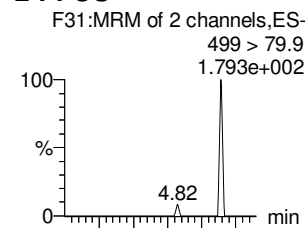
**PFNA**



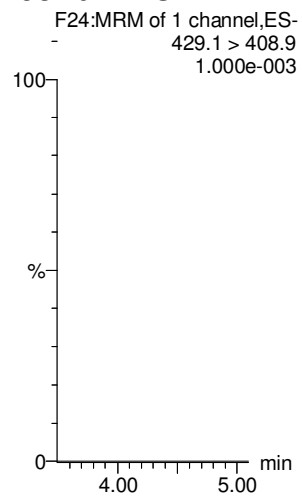
**PFOSA**



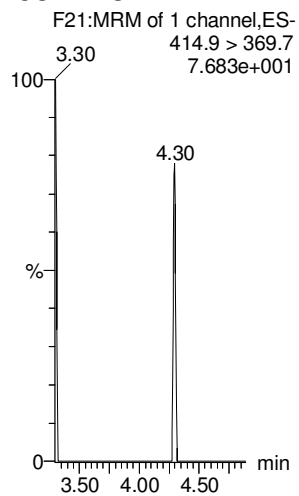
**L-PFOS**



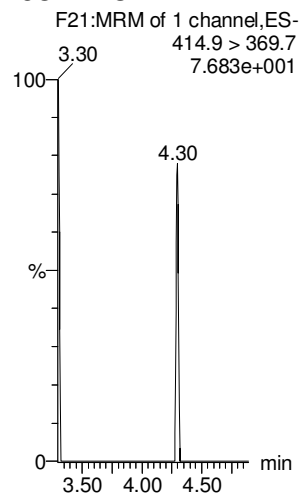
**13C2-6:2 FTS**



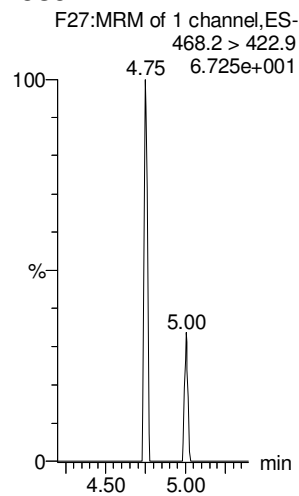
**13C2-PFOA**



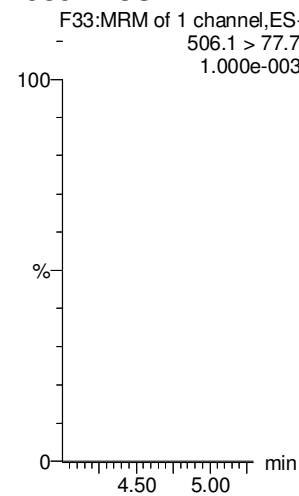
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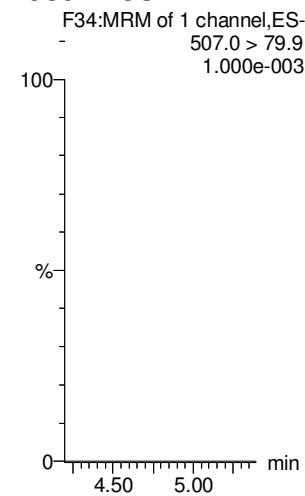
**13C5-PFNA**



**13C8-PFOSA**



**13C8-PFOS**



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Name: 180307M1\_16, Date: 07-Mar-2018, Time: 18:52:38, ID: IPA, Description: IPA

**PFDA**

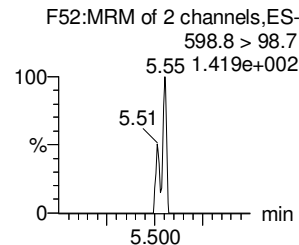
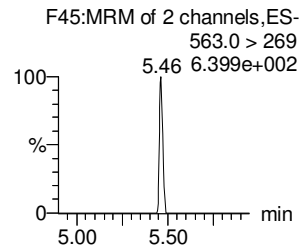
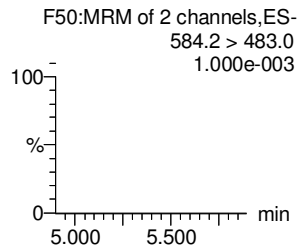
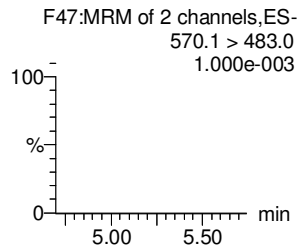
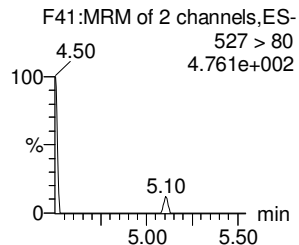
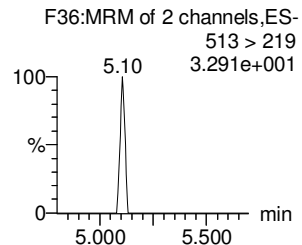
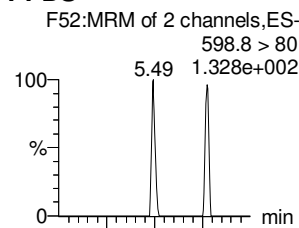
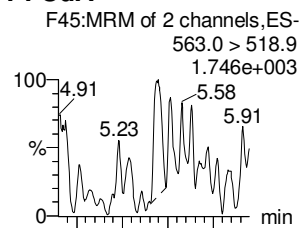
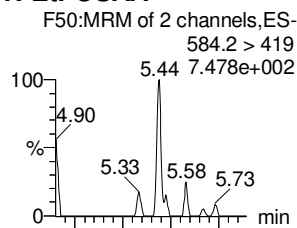
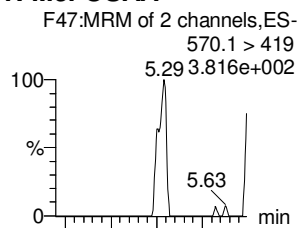
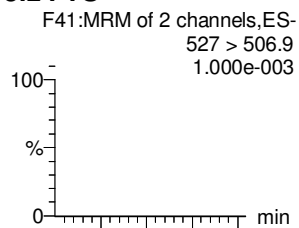
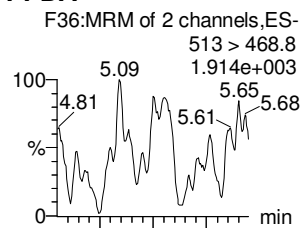
**8:2 FTS**

**N-MeFOSAA**

**N-EtFOSAA**

**PFUdA**

**PFDS**



**13C2-PFDA**

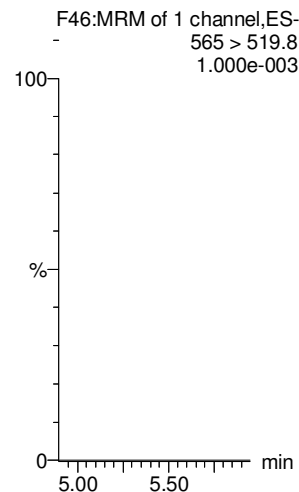
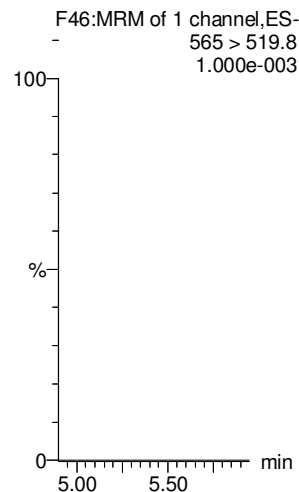
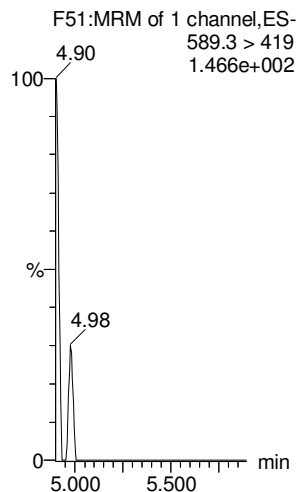
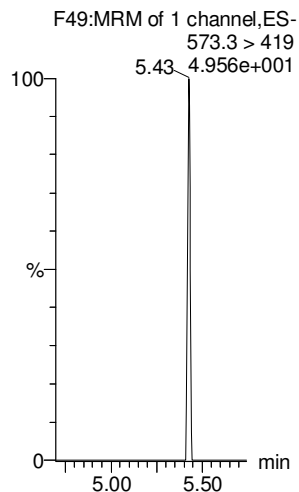
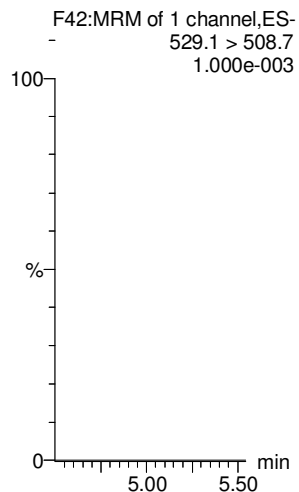
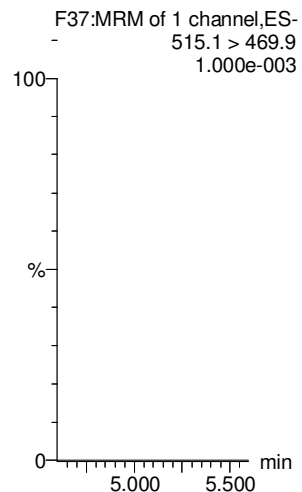
**13C2-8:2 FTS**

**d3-N-MeFOSAA**

**d5-N-EtFOSAA**

**13C2-PFUdA**

**13C2-PFUdA**



Dataset: Untitled

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**PFDaA**

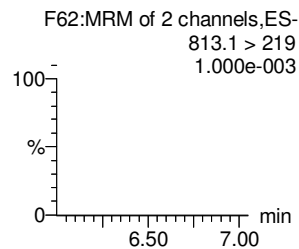
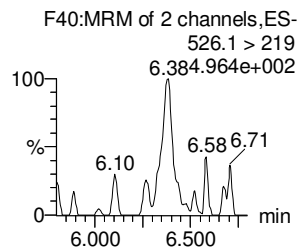
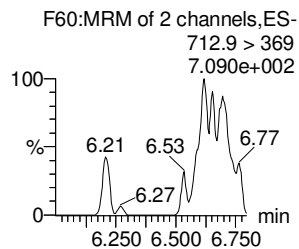
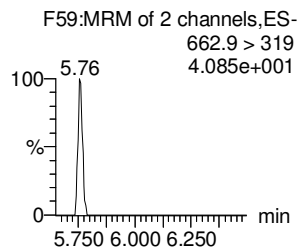
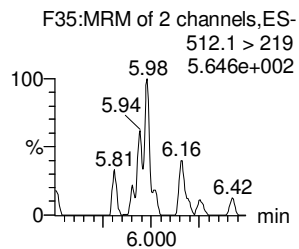
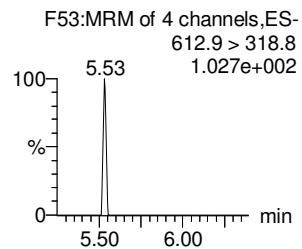
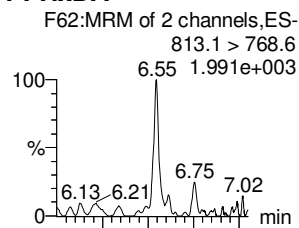
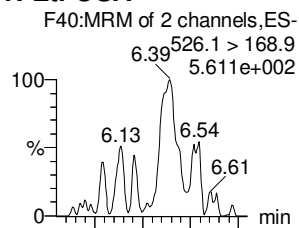
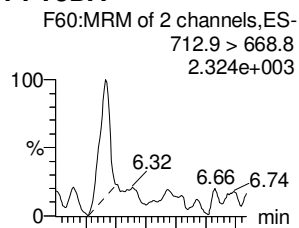
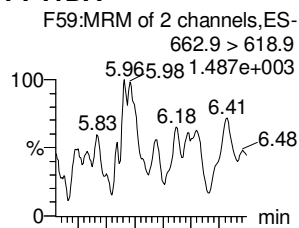
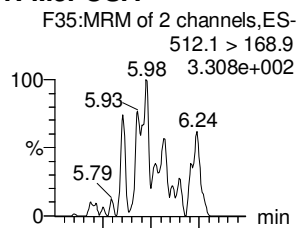
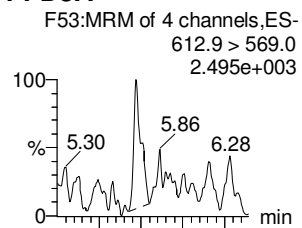
**N-MeFOSA**

**PFTrDA**

**PFTeDA**

**N-EtFOSA**

**PFHxDA**



**13C2-PFDaA**

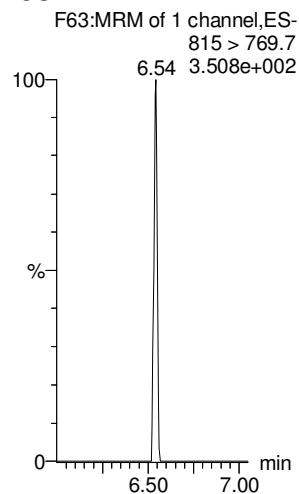
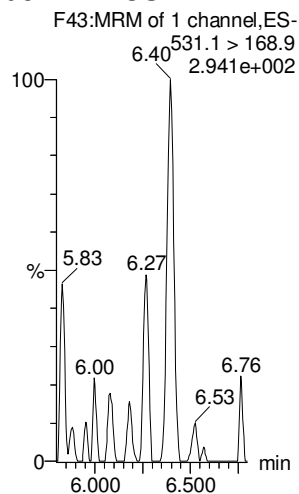
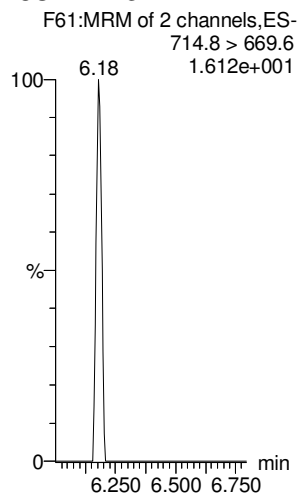
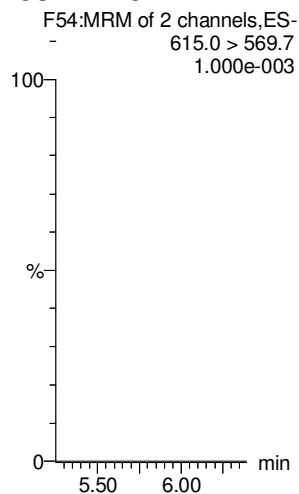
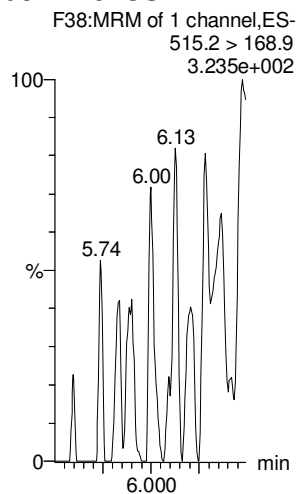
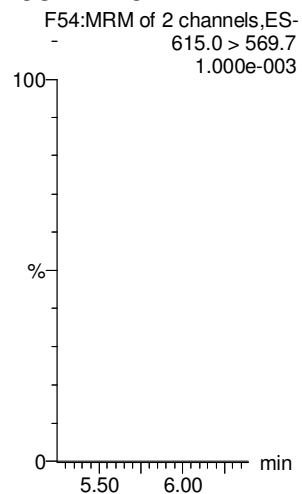
**d3-N-MeFOSA**

**13C2-PFDaA**

**13C2-PFTeDA**

**d5-N-ETFOSA**

**13C2-PFHxDA**



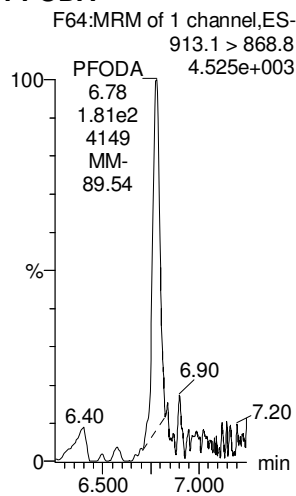
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Last Altered: Thursday, March 08, 2018 12:24:54 Pacific Standard Time

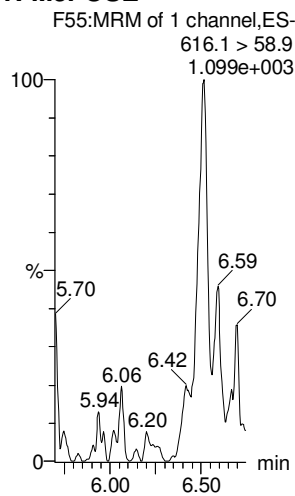
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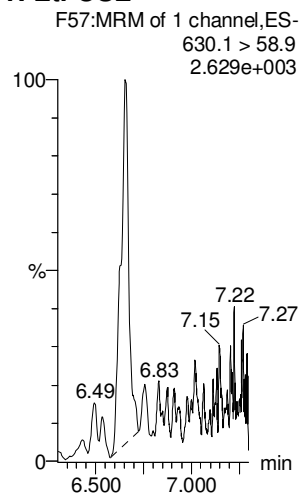
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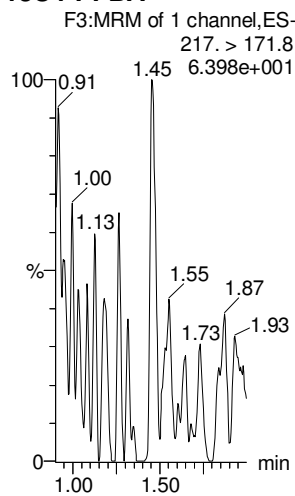
**N-MeFOSE**



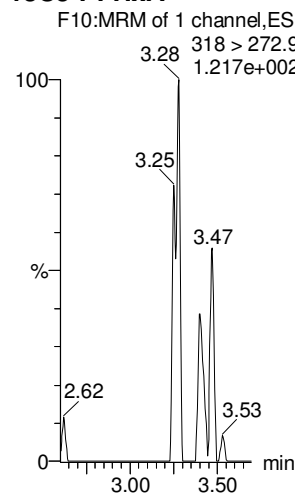
**N-EtFOSE**



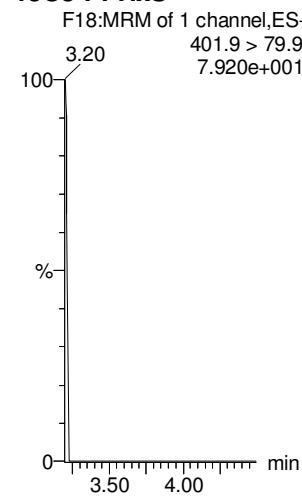
**13C4-PFBA**



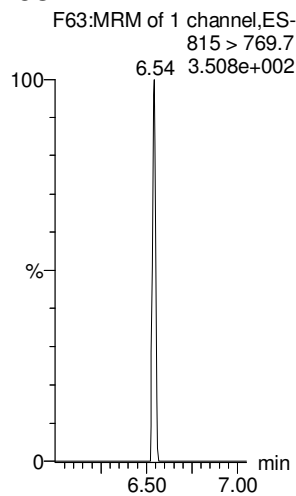
**13C5-PFHxA**



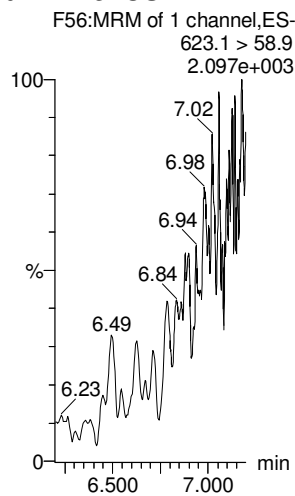
**13C3-PFHxS**



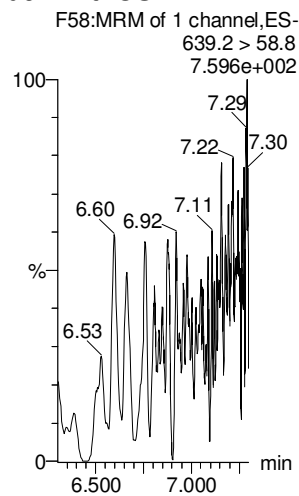
**13C2-PFHxDA**



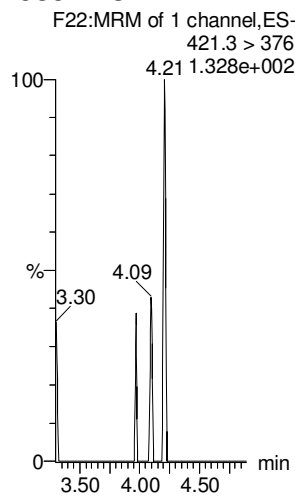
**d7-N-MeFOSE**



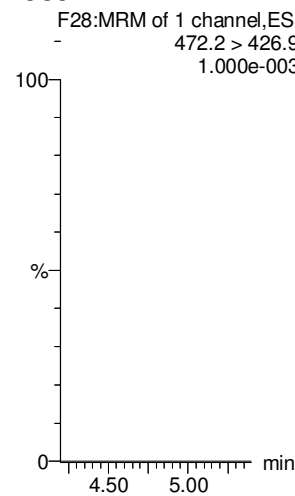
**d9-N-EtFOSE**



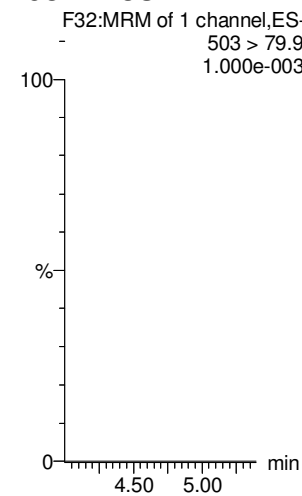
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**



Dataset: Untitled

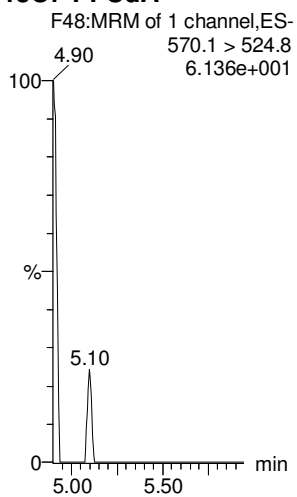
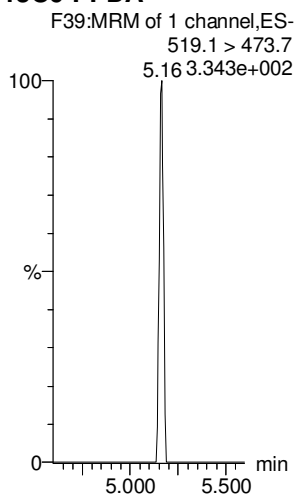
Last Altered: Thursday, March 08, 2018 12:24:54 Pacific Standard Time

Printed: Thursday, March 08, 2018 12:25:10 Pacific Standard Time

Name: 180307M1\_16, Date: 07-Mar-2018, Time: 18:52:38, ID: IPA, Description: IPA

13C6-PFDA

13C7-PFUdA



# LC Calibration Standards Review Checklist 04

Calibration ID:	L M H	ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	
ST180307M2 11	(L) M H	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
J 72	L (M) H	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
J 73	L M (H)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Full Mass Cal. Date: 3/7/19

Run Log Present:

# of Samples per Sequence Checked:

Instrument Blank Saved:  (A)

IIS Area Saved:

Reviewed By: KBF 3/12/19  
Initials/Date

**Comments:**

FFDA not used.

(A) IB\_180307M\_FVM.pdf

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-31.qld

Last Altered: Friday, March 09, 2018 14:43:04 Pacific Standard Time  
Printed: Monday, March 12, 2018 13:10:27 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 08 Mar 2018 15:11:54  
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 12:43:20

Name: 180307M2\_31, Date: 08-Mar-2018, Time: 13:18:21, ID: ST180307M2-11 PFC CS3 18B2317, Description: PFC CS3 18B2317

(A) Not used.  
(B) am 3/12/18  
2010  
(B)

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
1	1 PFBA	213.0 > 168.8	6.69e3	7.33e3		1.73	1.46	11.4	9.90	99.0	NO	
2	2 PFPeA	263.1 > 218.9	1.61e4	1.98e4		2.70	2.42	10.2	10.7	107.1	NO	
3	3 PFBS	299.0 > 79.7	3.76e3	2.43e3		2.98	2.69	19.3	10.7	107.5	NO	
4	4 4:2 FTS	327.2>307.2	4.40e3	2.43e3		3.38	3.09	22.6	11.2	112.4	NO	
5	5 PFHxA	313.2 > 268.9	2.03e4	7.06e3		3.48	3.19	14.4	10.4	104.1	NO	
6	6 PFPeS	349.1>80.1	3.37e3	2.43e3		3.67	3.39	17.3	10.3	103.1	NO	
7	7 PFHpA	363.0 > 318.9	1.80e4	1.67e4		4.10	3.80	13.5	10.5	105.3	NO	
8	8 L-PFHxS	398.9 > 79.6	2.67e3	2.00e3		4.24	3.95	16.7	9.32	93.2	NO	
9	10 6:2 FTS	427.1 > 407	4.30e3	5.17e3		4.56	4.27	10.4	10.2	102.4	NO	
10	11 L-PFOA	413 > 368.7	2.03e4	2.30e4		4.45	4.32	11.0	10.5	105.4	NO	
11	13 PFHpS	449 > 80.0	3.91e3	2.30e4		4.71	4.43	2.13	12.1	121.0	NO	
12	14 PFNA	463.0 > 418.8	2.27e4	2.14e4		5.04	4.76	13.3	10.9	108.6	NO	
13	15 PFOSA	498.1 > 77.8	3.55e3	4.31e3		5.09	4.83	10.3	10.1	101.5	NO	
14	16 L-PFOS	499 > 79.9	4.13e3	5.07e3		4.84	4.84	10.2	9.81	98.1	NO	
15	18 PFDA	513 > 468.8	2.34e4	2.29e4		5.40	5.13	12.8	12.7	126.8	NO	
16	19 8:2 FTS	527 > 506.9	5.43e3	4.62e3		5.38	5.10	14.7	9.08	90.8	NO	
17	20 PFNS	549.1>80.1	3.55e3	5.07e3		5.46	5.20	8.76	10.3	103.4	NO	
18	21 N-MeFOSAA	570.1 > 419	1.21e4	9.13e3		5.55	5.29	16.6	10.7	106.6	NO	
19	22 N-EtFOSAA	584.2 > 419	1.05e4	1.16e4		5.70	5.45	11.3	9.85	98.5	NO	
20	23 PFUdA	563.0 > 518.9	2.08e4	2.39e4		5.72	5.46	10.8	10.7	107.4	NO	
21	24 PFDS	598.8 > 80	4.32e3	2.39e4		5.76	5.50	2.25	11.1	111.0	NO	
22	25 PFDoA	612.9 > 569.0	2.14e2	1.80e4		5.99	5.74	0.148	19.5	195.0	YES (A)	
23	26 N-MeFOSA	512.1 > 168.9	1.11e4	2.98e4		5.93	5.99	55.9	51.4	102.9	NO	
24	27 PFTrDA	662.9 > 618.9	2.12e4	1.80e4		6.22	5.99	14.7	12.1	120.6	NO	
25	28 PFTeDA	712.9 > 668.8	1.92e4	1.19e4		6.41	6.21	20.2	11.3	113.3	NO	
26	29 N-EtFOSA	526.1 > 168.9	1.44e4	4.43e4		6.25	6.38	48.7	51.8	103.7	NO	
27	30 PFHxDA	813.1 > 768.6	1.15e4	1.12e4		6.69	6.55	5.15	10.9	108.9	NO	
28	31 PFOA	913.1 > 868.8	2.08e4	1.12e4		6.90	6.78	9.29	9.71	97.1	NO	
29	32 N-MeFOSE	616.1 > 58.9	1.06e4	3.40e4		6.31	6.51	46.7	50.0	100.0	NO	
30	33 N-EtFOSE	630.1 > 58.9	1.27e4	3.03e4		6.45	6.66	62.9	57.7	115.4	NO	
31	34 13C3-PFBA	216.1 > 171.8	7.33e3	8.22e3	0.882	1.73	1.46	11.1	12.6	101.1	NO	

✓ 100% 3/12/18  
am  
3/12/18



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-31.qld

Last Altered: Friday, March 09, 2018 14:43:04 Pacific Standard Time

Printed: Monday, March 12, 2018 13:10:27 Pacific Daylight Time

Name: 180307M2\_31, Date: 08-Mar-2018, Time: 13:18:21, ID: ST180307M1-11 PFC CS3 18B2317, Description: PFC CS3 18B2317

	# Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out
32	35 13C3-PFPeA	266. > 221.8	1.98e4	2.26e4	0.888	2.70	2.42	10.9	12.3	98.6	NO
33	36 13C3-PFBS	302. > 98.8	2.43e3	2.26e4	0.101	2.98	2.69	1.35	13.4	106.9	NO
34	37 13C2-PFHxA	315 > 269.8	7.06e3	2.26e4	0.744	3.48	3.18	3.92	5.26	105.3	NO
35	38 13C4-PFHpA	367.2 > 321.8	1.67e4	2.26e4	0.740	4.10	3.80	9.28	12.5	100.3	NO
36	39 18O2-PFHxS	403.0 > 102.6	2.00e3	4.38e3	0.424	4.24	3.95	5.70	13.4	107.4	NO
37	40 13C2-6:2 FTS	429.1 > 408.9	5.17e3	2.01e4	0.254	4.56	4.27	3.22	12.7	101.5	NO
38	41 13C2-PFOA	414.9 > 369.7	2.30e4	2.01e4	1.129	4.61	4.32	14.3	12.7	101.3	NO
39	42 13C5-PFNA	468.2 > 422.9	2.14e4	2.32e4	1.006	5.04	4.76	11.5	11.5	91.6	NO
40	43 13C8-PFOSA	506.1 > 77.7	4.31e3	2.25e4	0.182	5.09	4.84	2.39	13.1	105.1	NO
41	44 13C8-PFOS	507.0 > 79.9	5.07e3	4.25e3	1.049	5.11	4.84	14.9	14.2	113.7	NO
42	45 13C2-PFDA	515.1 > 469.9	2.29e4	1.85e4	1.082	5.40	5.13	15.5	14.3	114.3	NO
43	46 13C2-8:2 FTS	529.1 > 508.7	4.62e3	2.26e4	0.161	5.38	5.10	2.56	15.9	127.4	NO
44	47 d3-N-MeFOSAA	573.3 > 419	9.13e3	2.25e4	0.426	5.55	5.29	5.06	11.9	95.1	NO
45	48 d5-N-EtFOSAA	589.3 > 419	1.16e4	2.25e4	0.459	5.70	5.44	6.43	14.0	111.9	NO
46	49 13C2-PFUdA	565 > 519.8	2.39e4	2.25e4	1.051	5.72	5.46	13.3	12.6	101.1	NO
47	50 13C2-PFDoA	615.0 > 569.7	1.80e4	2.25e4	0.827	5.99	5.74	9.98	12.1	96.6	NO
48	51 d3-N-MeFOSA	515.2 > 168.9	2.98e4	2.25e4	0.107	5.93	6.02	16.5	155	103.0	NO
49	52 13C2-PFTeDA	714.8 > 669.6	1.19e4	2.25e4	0.514	6.41	6.21	6.60	12.8	102.7	NO
50	53 d5-N-ETFOSA	531.1 > 168.9	4.43e4	2.25e4	0.152	6.25	6.40	24.6	162	108.0	NO
51	54 13C2-PFHxDA	815 > 769.7	1.12e4	2.25e4	1.185	6.69	6.55	6.21	5.24	104.9	NO
52	55 d7-N-MeFOSE	623.1 > 58.9	3.40e4	2.25e4	0.122	6.31	6.50	18.8	154	102.9	NO
53	56 d9-N-EtFOSE	639.2 > 58.8	3.03e4	2.25e4	0.109	6.45	6.65	16.8	155	103.2	NO
54	57 13C4-PFBA	217. > 171.8	8.22e3	8.22e3	1.000	1.73	1.46	12.5	12.5	100.0	NO
55	58 13C5-PFHxA	318 > 272.9	2.26e4	2.26e4	1.000	3.48	3.18	12.5	12.5	100.0	NO
56	59 13C3-PFHxS	401.9 > 79.9	4.38e3	4.38e3	1.000	4.24	3.95	12.5	12.5	100.0	NO
57	60 13C8-PFOA	421.3 > 376	2.01e4	2.01e4	1.000	4.61	4.33	12.5	12.5	100.0	NO
58	61 13C9-PFNA	472.2 > 426.9	2.32e4	2.32e4	1.000	4.70	4.76	12.5	12.5	100.0	NO
59	62 13C4-PFOS	503 > 79.9	4.25e3	4.25e3	1.000	5.11	4.84	12.5	12.5	100.0	NO
60	63 13C6-PFDA	519.1 > 473.7	1.85e4	1.85e4	1.000	5.40	5.13	12.5	12.5	100.0	NO
61	64 13C7-PFUdA	570.1 > 524.8	2.25e4	2.25e4	1.000	5.72	5.46	12.5	12.5	100.0	NO

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Monday, March 12, 2018 08:30:05 Pacific Daylight Time

Printed: Monday, March 12, 2018 08:31:14 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180307M2_1	IPA	08-Mar-18	07:30:22
2	180307M2_2	ST180307M2-1 PFC CS-2 18B2813	08-Mar-18	07:41:47
3	180307M2_3	ST180307M2-2 PFC CS-1 18B2814	08-Mar-18	07:53:13
4	180307M2_4	ST180307M2-3 PFC CS0 18B2815	08-Mar-18	08:04:42
5	180307M2_5	ST180307M2-4 PFC CS1 18B2816	08-Mar-18	08:16:12
6	180307M2_6	ST180307M2-5 PFC CS2 18B2817	08-Mar-18	08:27:42
7	180307M2_7	ST180307M2-6 PFC CS3 18B2818	08-Mar-18	08:39:12
8	180307M2_8	ST180307M2-7 PFC CS4 18B2819	08-Mar-18	08:50:42
9	180307M2_9	ST180307M2-8 PFC CS5 18B2820	08-Mar-18	09:02:11
10	180307M2_10	ST180307M-9 PFC CS6 18B2821	08-Mar-18	09:13:38
11	180307M2_11	ST180307M2-10 PFC CS7 18B2822	08-Mar-18	09:25:07
12	180307M2_12	IPA	08-Mar-18	09:36:36
13	180307M2_13	ICV180307M2-1 PFC ICV 18B2812	08-Mar-18	09:48:06
14	180307M2_14	IPA	08-Mar-18	09:59:36
15	180307M2_15	B8B0163-BS1 OPR 0.125	08-Mar-18	10:11:05
16	180307M2_16	B8B0163-BSD1 LCSD 0.125	08-Mar-18	10:22:35
17	180307M2_17	B8B0163-BLK1 Method Blank 0.125	08-Mar-18	10:34:05
18	180307M2_18	1800356-01 WI-AF-SB-FB-022018 0.11754	08-Mar-18	10:45:32
19	180307M2_19	1800356-02 WI-AF-EB11-SO-0218 0.11967	08-Mar-18	10:57:01
20	180307M2_20	1800361-01 WI-A06-EB01-021918 0.11631	08-Mar-18	11:08:27
21	180307M2_21	1800361-02 WI-A06-MW-13-0218 0.12182	08-Mar-18	11:19:57
22	180307M2_22	1800361-03 WI-A06-FB01-022018 0.12192	08-Mar-18	11:31:27
23	180307M2_23	1800361-04 WI-A06-6-DW-38A-0218 0.11965	08-Mar-18	11:42:57
24	180307M2_24	1800361-05 WI-A06-EB01-022018 0.12096	08-Mar-18	11:58:01
25	180307M2_25	1800361-06 WI-A06-6-S-27-0218 0.1213	08-Mar-18	12:09:30
26	180307M2_26	1800361-07 WI-A06-6-S-28-0218 0.12084	08-Mar-18	12:21:00
27	180307M2_27	1800361-08 WI-A06-FB01-022118 0.11778	08-Mar-18	12:32:30
28	180307M2_28	1800361-09 WI-A06-MW-01-0218 0.12063	08-Mar-18	12:43:59
29	180307M2_29	1800361-10 WI-A06-EB01-022118 0.12144	08-Mar-18	12:55:25
30	180307M2_30	IPA	08-Mar-18	13:06:54
31	180307M2_31	ST180307M2-11 PFC CS3 18B2818	08-Mar-18	13:18:21

Dataset: Untitled

Last Altered: Monday, March 12, 2018 08:30:05 Pacific Daylight Time

Printed: Monday, March 12, 2018 08:31:14 Pacific Daylight Time

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
32	180307M2_32	IPA	08-Mar-18	13:29:51
33	180307M2_33	B8C0006-BS1 OPR 0.25	08-Mar-18	13:41:21
34	180307M2_34	B8C0006-BSD1 LCSD 0.25	08-Mar-18	13:52:50
35	180307M2_35	B8C0006-BLK1 Method Blank 0.25	08-Mar-18	14:04:20
36	180307M2_36	1800367-01 WI-A06-EB01-0218 0.12311	08-Mar-18	14:15:49
37	180307M2_37	1800367-02 WI-A06-MW03B-0218 0.11921	08-Mar-18	14:27:19
38	180307M2_38	1800367-03 WI-A06-FB01-022218 0.12396	08-Mar-18	14:38:49
39	180307M2_39	1800367-04 WI-A06-6-S-02-0218 0.11895	08-Mar-18	14:50:16
40	180307M2_40	1800367-05 WI-A06-6-S-05-0218 0.12239	08-Mar-18	15:01:45
41	180307M2_41	1800367-06 WI-A06-6-S-05P-0218 0.12532	08-Mar-18	15:13:12
42	180307M2_42	1800367-07 WI-A06-FB01-022318 0.12195	08-Mar-18	15:24:41
43	180307M2_43	1800367-08 WI-A06-EB01-022318 0.12383	08-Mar-18	15:36:11
44	180307M2_44	1800369-01 GW2630180222RAP 0.25761	08-Mar-18	15:47:41
45	180307M2_45	1800369-02 GW3640180222RAP 0.24942	08-Mar-18	15:59:10
46	180307M2_46	1800369-03 GW4650180223RAP 0.2611	08-Mar-18	16:10:40
47	180307M2_47	1800370-01 WR1802230920JLB 0.27194	08-Mar-18	16:22:08
48	180307M2_48	1800370-02 WR1802230950JLB 0.27055	08-Mar-18	16:33:39
49	180307M2_49	1800370-03 WR1802231025JLB 0.25444	08-Mar-18	16:45:10
50	180307M2_50	IPA	08-Mar-18	16:56:39
51	180307M2_51	ST180307M2-12 PFC CS3 18B2818	08-Mar-18	17:08:09
52	180307M2_52	IPA	08-Mar-18	17:19:39
53	180307M2_53	1800370-04 FB1802231030JLB 0.23963	08-Mar-18	17:31:06
54	180307M2_54	1800370-05 WR1802231120JLB 0.27209	08-Mar-18	17:42:36
55	180307M2_55	1800370-06 WR1802231155JLB 0.255	08-Mar-18	17:54:03
56	180307M2_56	1800370-07 WT1802261035JLB 0.27331	08-Mar-18	18:05:29
57	180307M2_57	1800370-08 WT1802261100JLB 0.27258	08-Mar-18	18:16:58
58	180307M2_58	1800370-09 WR1802261125JLB 0.25932	08-Mar-18	18:28:27
59	180307M2_59	IPA	08-Mar-18	18:39:56
60	180307M2_60	ST180307M2-13 PFC CS3 18B2818	08-Mar-18	18:51:26
61	180307M2_61	IPA	08-Mar-18	19:02:55

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-31.qld

Last Altered: Friday, March 09, 2018 14:43:04 Pacific Standard Time  
Printed: Monday, March 12, 2018 13:10:27 Pacific Daylight Time

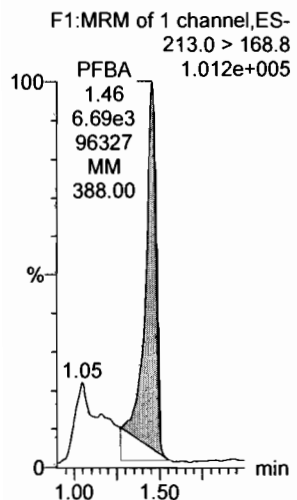
*5 am 3/12/18*

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 08 Mar 2018 15:11:54

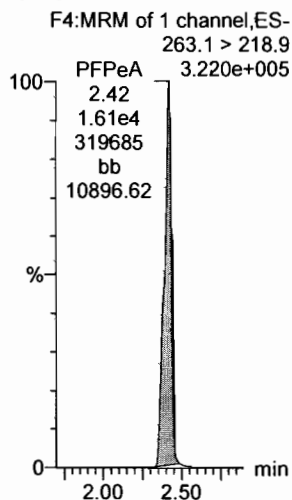
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 12:43:20

Name: 180307M2\_31, Date: 08-Mar-2018, Time: 13:18:21, ID: ST180307M2\_11 PFC CS3 18B2317, Description: PFC CS3 18B2317

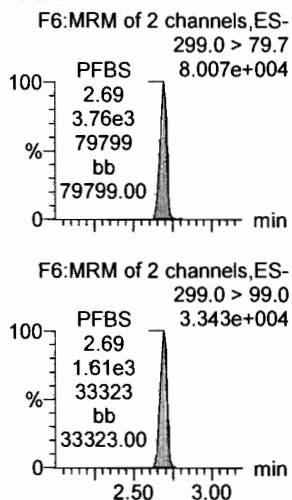
**PFBA**



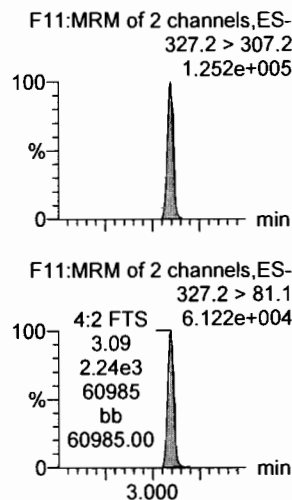
**PFPeA**



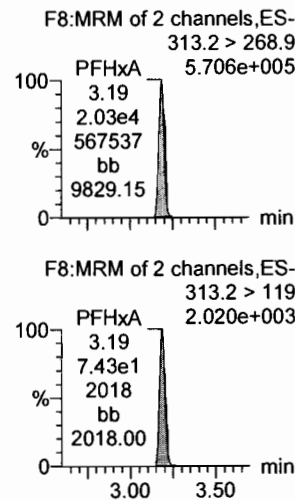
**PFBS**



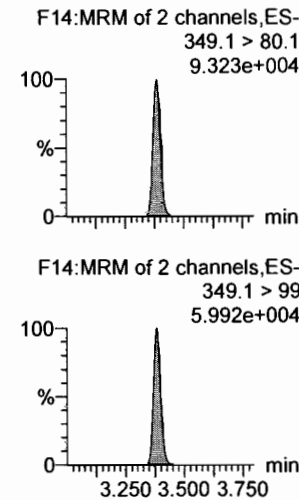
**4:2 FTS**



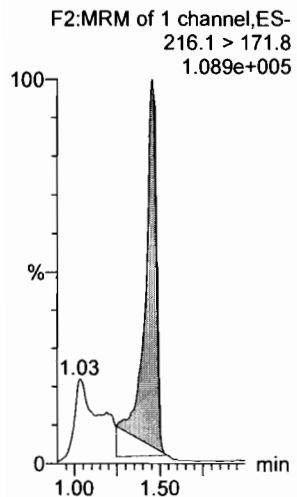
**PFHxA**



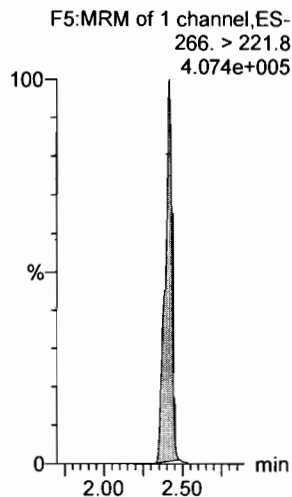
**PFPeS**



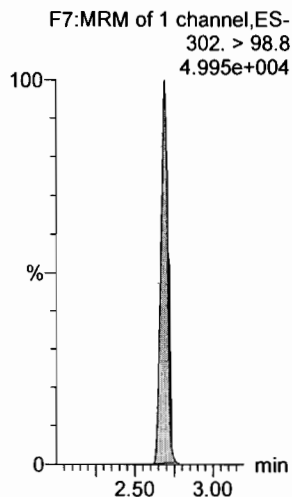
**13C3-PFBA**



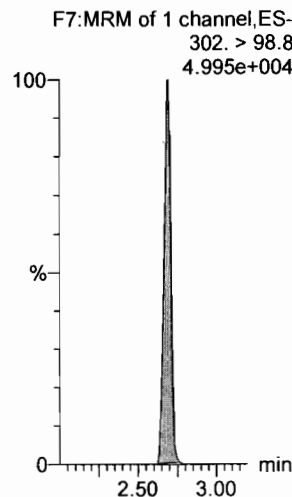
**13C3-PFPeA**



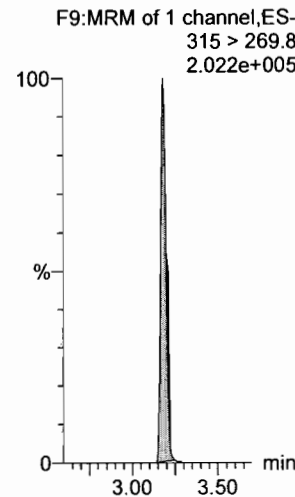
**13C3-PFBS**



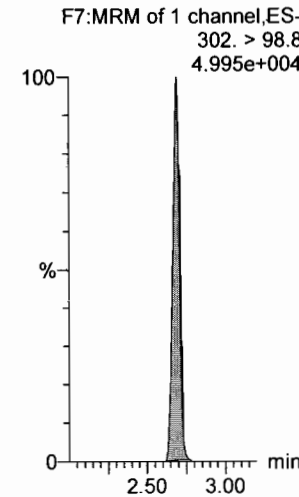
**13C3-PFBS**



**13C2-PFHxA**



**13C3-PFBS**

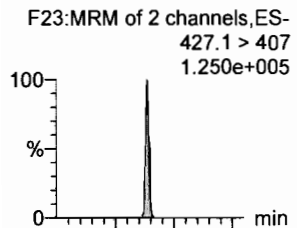


Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-31.qld

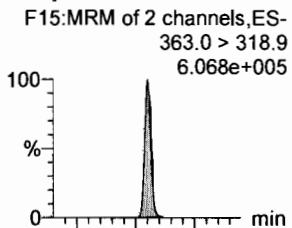
Last Altered: Friday, March 09, 2018 14:43:04 Pacific Standard Time  
Printed: Monday, March 12, 2018 13:10:27 Pacific Daylight Time

Name: 180307M2\_31, Date: 08-Mar-2018, Time: 13:18:21, ID: ST180307M1-11 PFC CS3 18B2317, Description: PFC CS3 18B2317

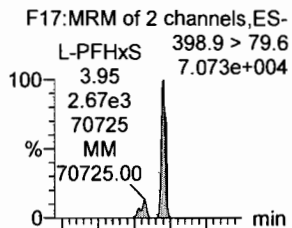
**6:2 FTS**



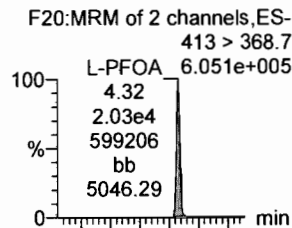
**PFHpA**



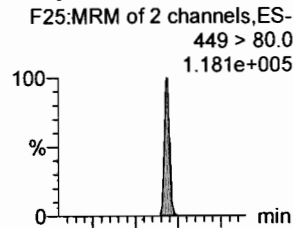
**L-PFHxS**



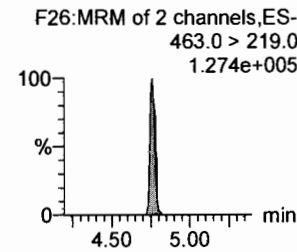
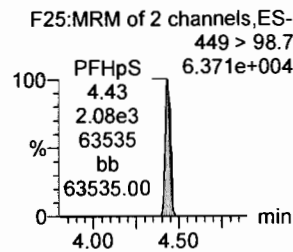
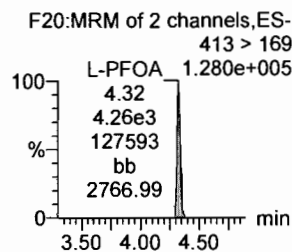
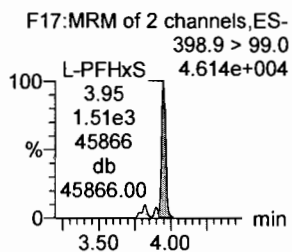
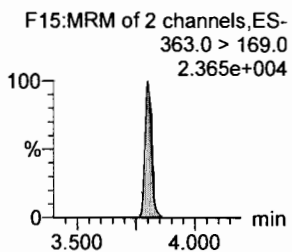
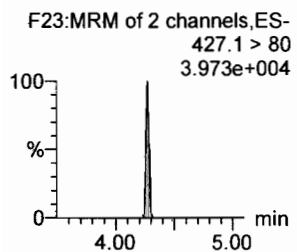
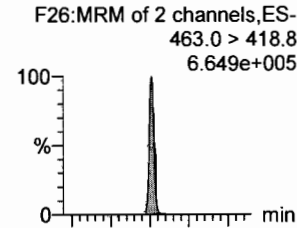
**L-PFOA**



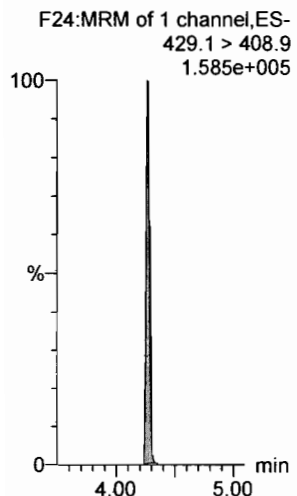
**PFHpS**



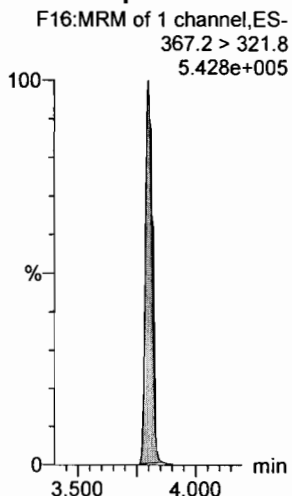
**PFNA**



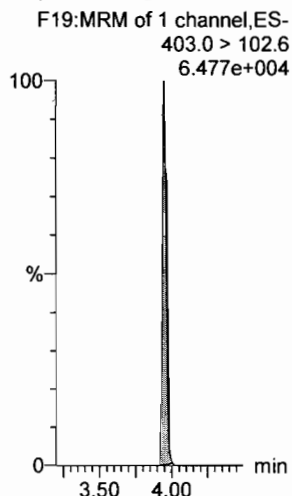
**13C2-6:2 FTS**



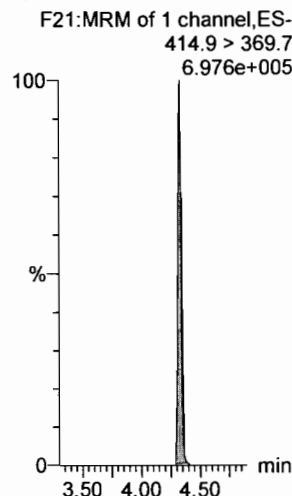
**13C4-PFHpA**



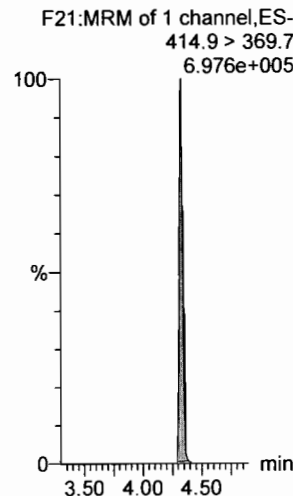
**18O2-PFHxS**



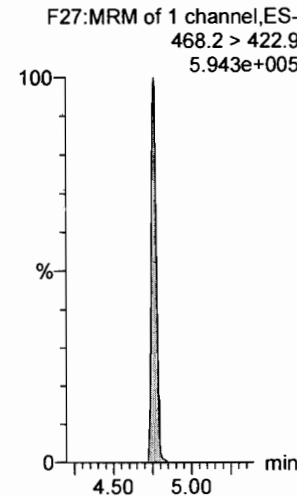
**13C2-PFOA**



**13C2-PFOA**



**13C5-PFNA**



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-31.qld

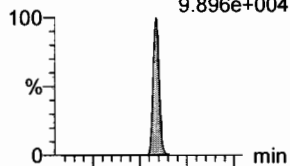
Last Altered: Friday, March 09, 2018 14:43:04 Pacific Standard Time

Printed: Monday, March 12, 2018 13:10:27 Pacific Daylight Time

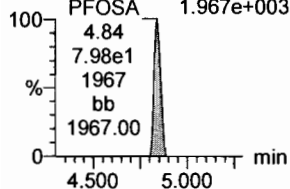
Name: 180307M2\_31, Date: 08-Mar-2018, Time: 13:18:21, ID: ST180307M1-11 PFC CS3 18B2317, Description: PFC CS3 18B2317

**PFOSA**

F29:MRM of 4 channels,ES-  
498.1 > 77.8  
9.896e+004

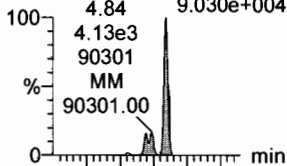


F29:MRM of 4 channels,ES-  
498.1 > 478  
1.967e+003

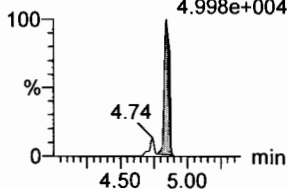


**L-PFOS**

F31:MRM of 2 channels,ES-  
L-PFOS 499 > 79.9  
4.84 9.030e+004  
4.13e3  
90301  
MM  
90301.00

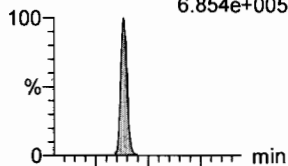


F31:MRM of 2 channels,ES-  
499 > 99  
4.998e+004

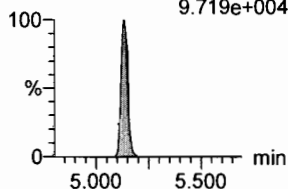


**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
6.854e+005

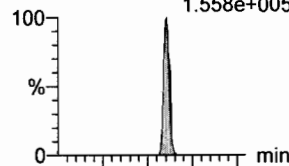


F36:MRM of 2 channels,ES-  
513 > 219  
9.719e+004

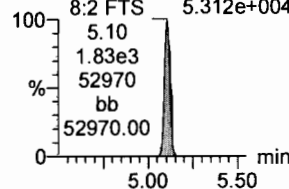


**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
1.558e+005

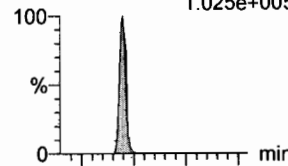


F41:MRM of 2 channels,ES-  
527 > 80  
5.312e+004

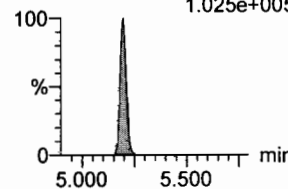


**PFNS**

F44:MRM of 2 channels,ES-  
549.1 > 80.1  
1.025e+005

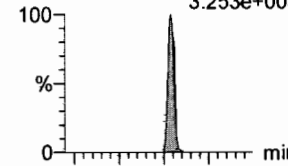


F44:MRM of 2 channels,ES-  
549.1 > 80.1  
1.025e+005

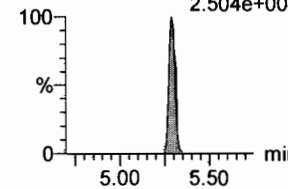


**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
3.253e+005

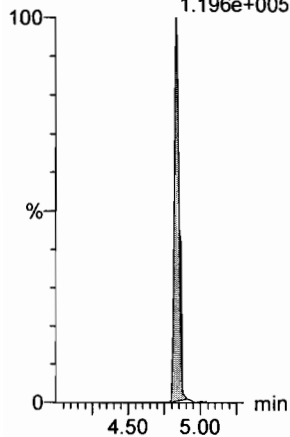


F47:MRM of 2 channels,ES-  
570.1 > 483.0  
2.504e+004



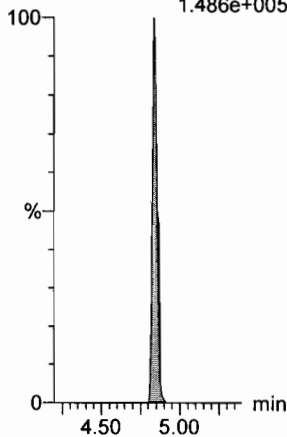
**13C8-PFOSA**

F33:MRM of 1 channel,ES-  
506.1 > 77.7  
1.196e+005



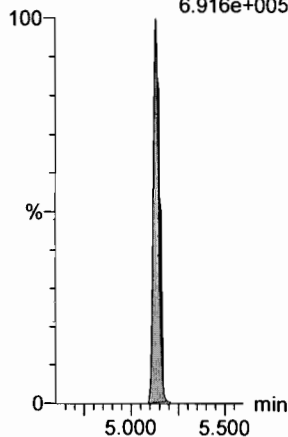
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
1.486e+005



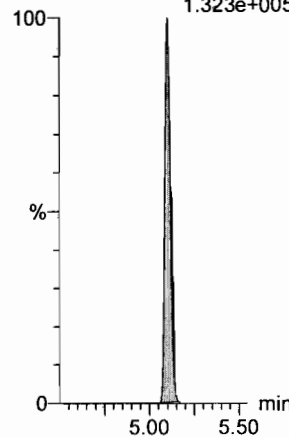
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
6.916e+005



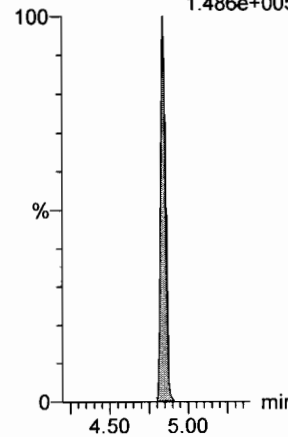
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
1.323e+005



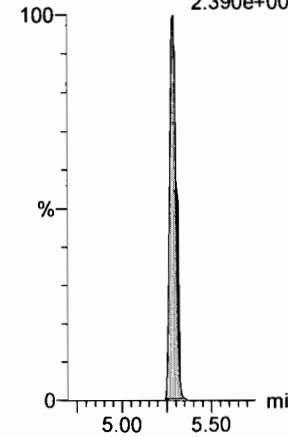
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
1.486e+005



**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
2.390e+005



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-31.qld

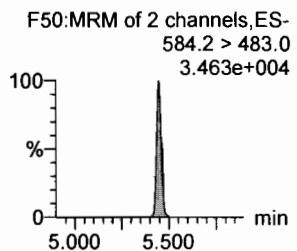
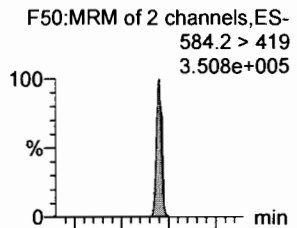
Last Altered: Friday, March 09, 2018 14:43:04 Pacific Standard Time

Printed: Monday, March 12, 2018 13:10:27 Pacific Daylight Time

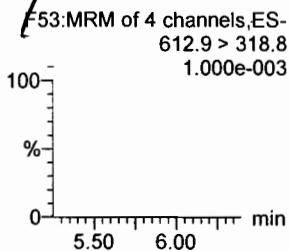
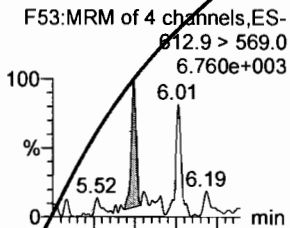
Name: 180307M2\_31, Date: 08-Mar-2018, Time: 13:18:21, ID: ST180307M1-11 PFC CS3 18B2317, Description: PFC CS3 18B2317

*am 3/12/18*

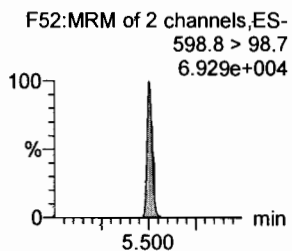
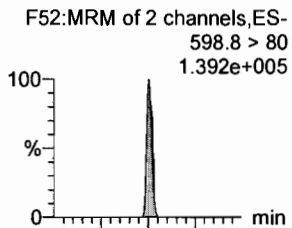
**N-EtFOSAA**



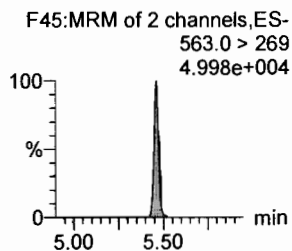
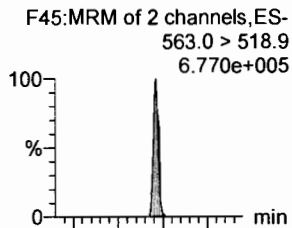
**PFDoA**



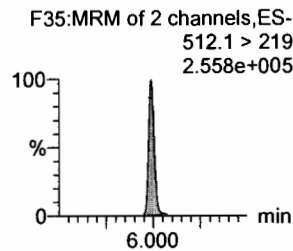
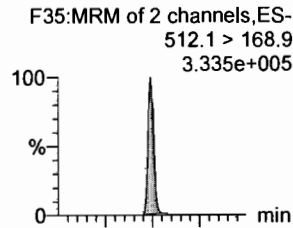
**PFDS**



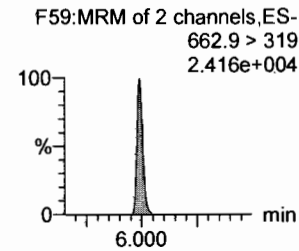
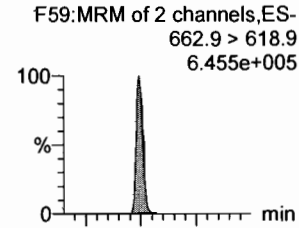
**PFUdA**



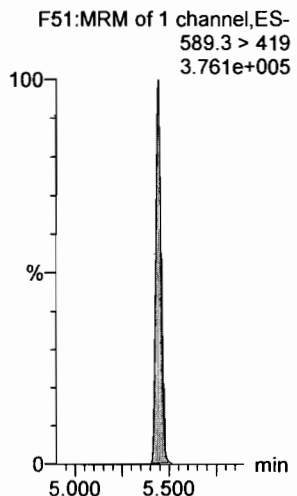
**N-MeFOSA**



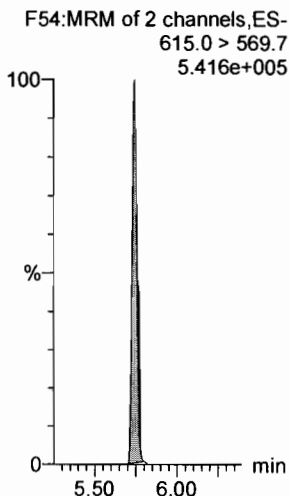
**PFTrDA**



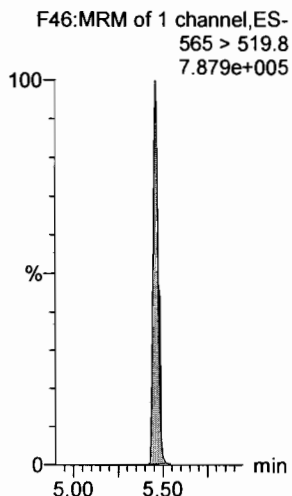
**d5-N-EtFOSAA**



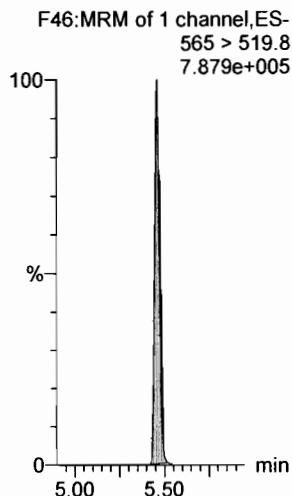
**13C2-PFDoA**



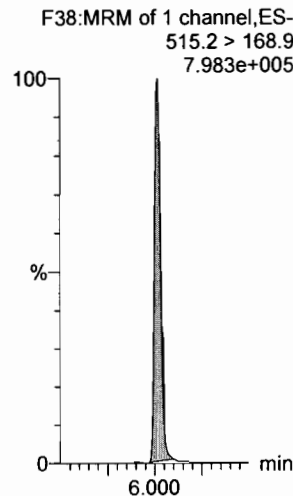
**13C2-PFUdA**



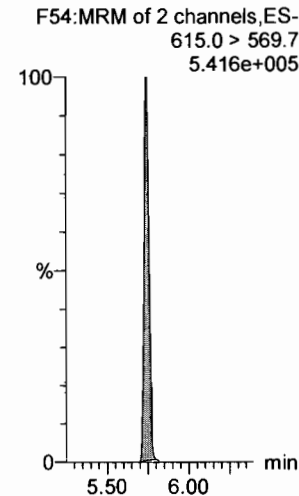
**13C2-PFUdA**



**d3-N-MeFOSA**



**13C2-PFDoA**



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-31.qld

Last Altered: Friday, March 09, 2018 14:43:04 Pacific Standard Time

Printed: Monday, March 12, 2018 13:10:27 Pacific Daylight Time

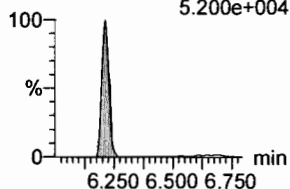
Name: 180307M2\_31, Date: 08-Mar-2018, Time: 13:18:21, ID: ST180307M1-11 PFC CS3 18B2317, Description: PFC CS3 18B2317

**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
5.276e+005

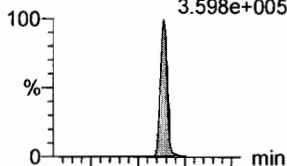


F60:MRM of 2 channels,ES-  
712.9 > 369  
5.200e+004

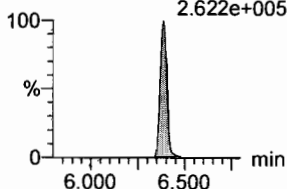


**N-EtFOSA**

F40:MRM of 2 channels,ES-  
526.1 > 168.9  
3.598e+005

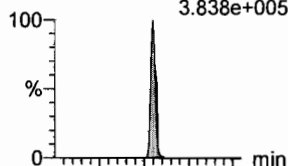


F40:MRM of 2 channels,ES-  
526.1 > 219  
2.622e+005

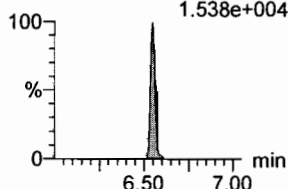


**PFHxDA**

F62:MRM of 2 channels,ES-  
813.1 > 768.6  
3.838e+005

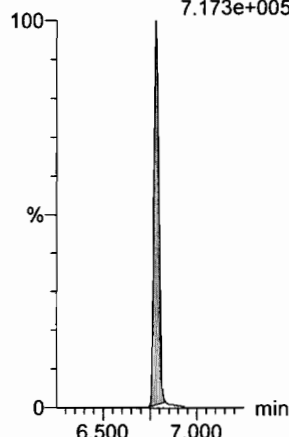


F62:MRM of 2 channels,ES-  
813.1 > 219  
1.538e+004



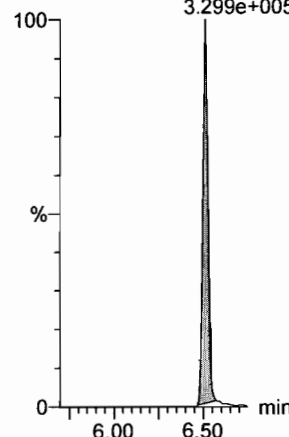
**PFODA**

F64:MRM of 1 channel,ES-  
913.1 > 868.8  
7.173e+005



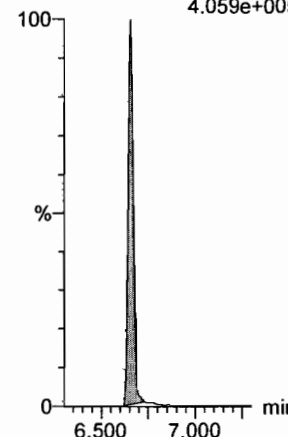
**N-MeFOSE**

F55:MRM of 1 channel,ES-  
616.1 > 58.9  
3.299e+005



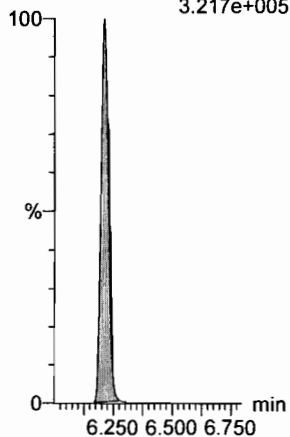
**N-EtFOSE**

F57:MRM of 1 channel,ES-  
630.1 > 58.9  
4.059e+005



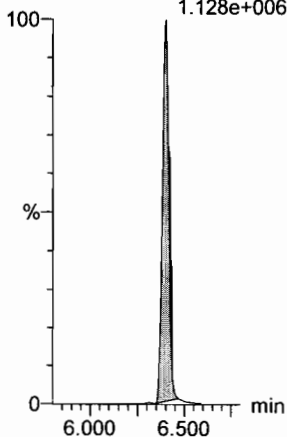
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
3.217e+005



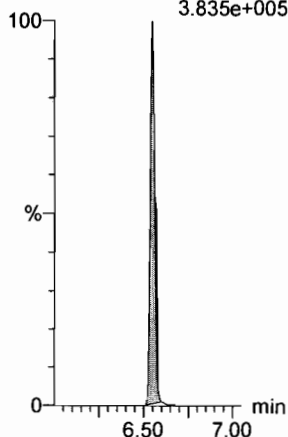
**d5-N-ETFOSA**

F43:MRM of 1 channel,ES-  
531.1 > 168.9  
1.128e+006



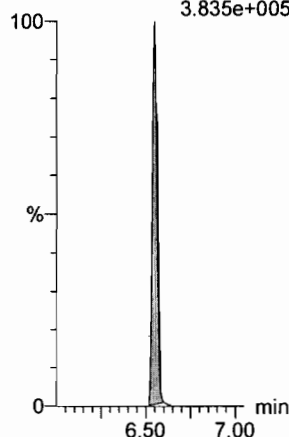
**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
3.835e+005



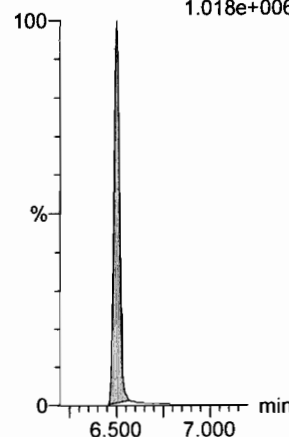
**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
3.835e+005



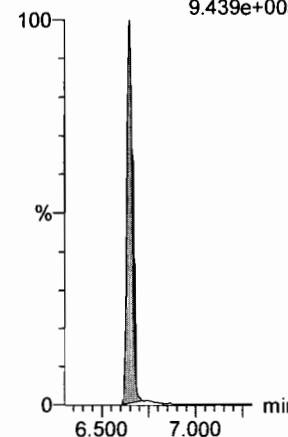
**d7-N-MeFOSE**

F56:MRM of 1 channel,ES-  
623.1 > 58.9  
1.018e+006



**d9-N-EtFOSE**

F58:MRM of 1 channel,ES-  
639.2 > 58.8  
9.439e+005





Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-31.qld

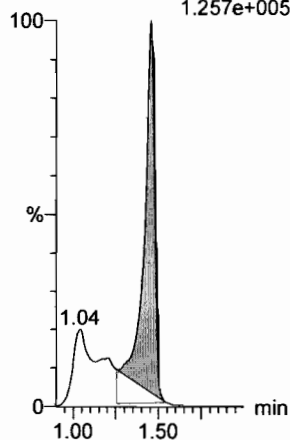
Last Altered: Friday, March 09, 2018 14:43:04 Pacific Standard Time

Printed: Monday, March 12, 2018 13:10:27 Pacific Daylight Time

Name: 180307M2\_31, Date: 08-Mar-2018, Time: 13:18:21, ID: ST180307M1-11 PFC CS3 18B2317, Description: PFC CS3 18B2317

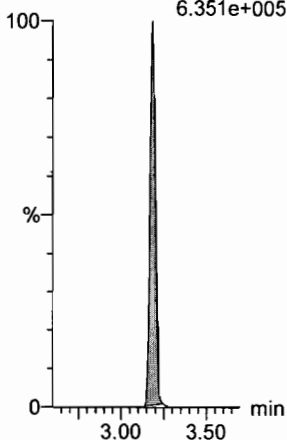
**13C4-PFBA**

F3:MRM of 1 channel,ES-  
217. > 171.8  
1.257e+005



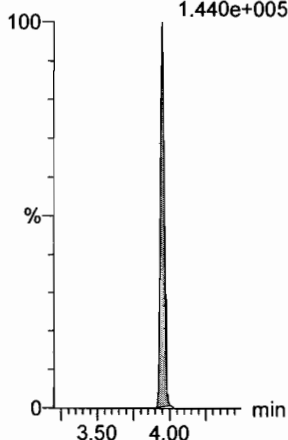
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
6.351e+005



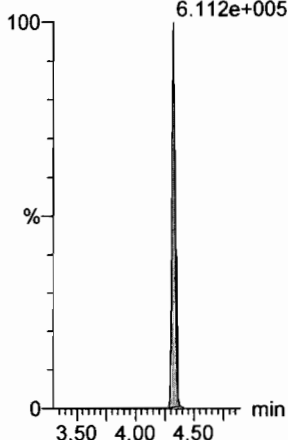
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
1.440e+005



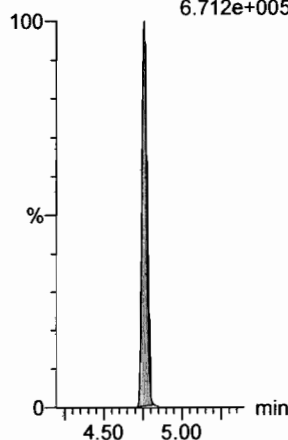
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
6.112e+005



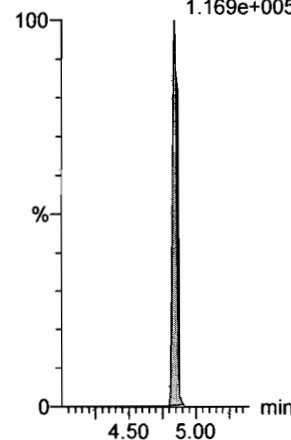
**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
6.712e+005



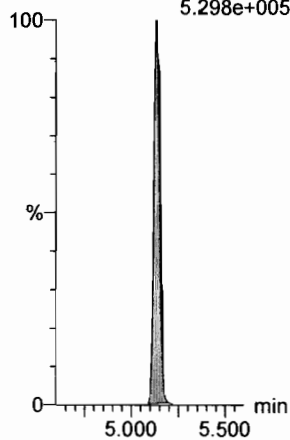
**13C4-PFOS**

F32:MRM of 1 channel,ES-  
503 > 79.9  
1.169e+005



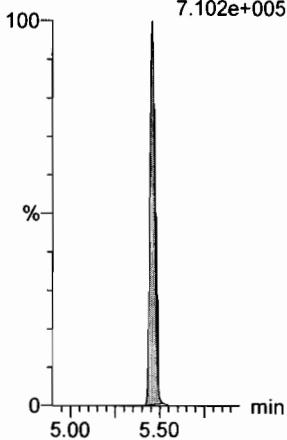
**13C6-PFDA**

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
5.298e+005



**13C7-PFUdA**

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
7.102e+005



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-51.qld

Last Altered: Friday, March 09, 2018 14:45:33 Pacific Standard Time

Printed: Monday, March 12, 2018 13:10:06 Pacific Daylight Time

Ⓢ NOT used.

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 08 Mar 2018 15:11:54

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 12:43:20

Name: 180307M2\_51, Date: 08-Mar-2018, Time: 17:08:09, ID: ST180307M2-12 PFC CS3 18B2317, Description: PFC CS3 18B2317

*2910*  
*DM 3/12/18*      *2910*  
*DM 3/12/18*      *2010*  
*DM 3/12/18*

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
1	1 PFBA	213.0 > 168.8	7.11e3	7.30e3		1.73	1.47	12.2	10.6	105.6	NO	
2	2 PFPeA	263.1 > 218.9	1.60e4	1.89e4		2.70	2.43	10.6	11.2	111.6	NO	
3	3 PFBS	299.0 > 79.7	3.67e3	2.28e3		2.98	2.70	20.2	11.2	112.1	NO	
4	4 4:2 FTS	327.2>307.2	4.48e3	2.28e3		3.38	3.10	24.6	12.2	122.3	NO	
5	5 PFHxA	313.2 > 268.9	1.95e4	6.92e3		3.48	3.19	14.1	10.2	102.1	NO	
6	6 PFPeS	349.1>80.1	3.35e3	2.28e3		3.67	3.39	18.4	10.9	109.4	NO	
7	7 PFHpA	363.0 > 318.9	1.67e4	1.60e4		4.10	3.81	13.0	10.2	101.9	NO	
8	8 L-PFHxS	398.9 > 79.6	2.95e3	2.08e3		4.24	3.95	17.7	9.86	98.6	NO	
9	10 6:2 FTS	427.1 > 407	4.49e3	5.33e3		4.56	4.28	10.5	10.4	103.7	NO	
10	11 L-PFOA	413 > 368.7	1.91e4	2.03e4		4.45	4.33	11.7	11.2	112.0	NO	
11	13 PFHpS	449 > 80.0	3.42e3	2.03e4		4.71	4.44	2.10	12.0	119.6	NO	
12	14 PFNA	463.0 > 418.8	2.17e4	2.31e4		5.04	4.76	11.7	9.63	96.3	NO	
13	15 PFOSA	498.1 > 77.8	3.37e3	3.96e3		5.09	4.84	10.6	10.5	104.7	NO	
14	16 L-PFOS	499 > 79.9	3.83e3	4.13e3		4.84	4.84	11.6	11.1	111.2	NO	
15	18 PFDA	513 > 468.8	1.91e4	2.11e4		5.40	5.14	11.3	11.2	111.5	NO	
16	19 8:2 FTS	527 > 506.9	4.69e3	3.84e3		5.38	5.10	15.3	9.46	94.6	NO	
17	20 PFNS	549.1>80.1	3.10e3	4.13e3		5.46	5.20	9.38	11.1	110.6	NO	
18	21 N-MeFOSAA	570.1 > 419	1.28e4	1.11e4		5.55	5.29	14.4	9.25	92.5	NO	
19	22 N-EtFOSAA	584.2 > 419	9.89e3	1.03e4		5.70	5.45	12.0	10.5	104.7	NO	
20	23 PFUdA	563.0 > 518.9	1.97e4	2.59e4		5.72	5.46	9.50	9.40	94.0	NO	
21	24 PFDS	598.8 > 80	4.26e3	2.59e4		5.76	5.51	2.05	10.1	101.0	NO	
22	25 PFDaA	612.9 > 569.0	1.60e2	1.82e4		5.99	6.02	0.110	13.9	139.4	YES	Ⓢ
23	26 N-MeFOSA	512.1 > 168.9	1.10e4	3.01e4		5.93	5.99	54.7	50.3	100.6	NO	
24	27 PFTrDA	662.9 > 618.9	2.24e4	1.82e4		6.22	5.99	15.4	12.6	126.0	NO	
25	28 PFTeDA	712.9 > 668.8	2.12e4	1.35e4		6.41	6.21	19.6	11.0	109.9	NO	
26	29 N-EtFOSA	526.1 > 168.9	1.43e4	4.42e4		6.25	6.39	48.6	51.8	103.5	NO	
27	30 PFHxDA	813.1 > 768.6	1.18e4	1.10e4		6.69	6.55	5.38	11.4	113.8	NO	
28	31 PFODA	913.1 > 868.8	2.47e4	1.10e4		6.90	6.78	11.3	11.8	117.9	NO	
29	32 N-MeFOSE	616.1 > 58.9	1.09e4	3.15e4		6.31	6.51	51.9	55.6	111.3	NO	
30	33 N-EtFOSE	630.1 > 58.9	1.10e4	3.11e4		6.45	6.66	52.9	48.5	97.1	NO	
31	34 13C3-PFBA	216.1 > 171.8	7.30e3	8.86e3	0.882	1.73	1.47	10.3	11.7	93.4	NO	

✓ KBF 3/12/18  
DM 3/12/18

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-51.qld

Last Altered: Friday, March 09, 2018 14:45:33 Pacific Standard Time  
Printed: Monday, March 12, 2018 13:10:06 Pacific Daylight Time

Name: 180307M2\_51, Date: 08-Mar-2018, Time: 17:08:09, ID: ST180307M1-12 PFC CS3 18B2317, Description: PFC CS3 18B2317

	# Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
32	35 13C3-PFPeA	266. > 221.8	1.89e4	2.29e4	0.888	2.70	2.43	10.3	11.6	92.9	NO	
33	36 13C3-PFBS	302. > 98.8	2.28e3	2.29e4	0.101	2.98	2.70	1.25	12.3	98.8	NO	
34	37 13C2-PFHxA	315 > 269.8	6.92e3	2.29e4	0.744	3.48	3.19	3.79	5.09	101.8	NO	
35	38 13C4-PFHpA	367.2 > 321.8	1.60e4	2.29e4	0.740	4.10	3.81	8.75	11.8	94.6	NO	
36	39 18O2-PFHxS	403.0 > 102.6	2.08e3	4.80e3	0.424	4.24	3.96	5.43	12.8	102.4	NO	
37	40 13C2-6:2 FTS	429.1 > 408.9	5.33e3	2.08e4	0.254	4.56	4.28	3.21	12.6	101.1	NO	
38	41 13C2-PFOA	414.9 > 369.7	2.03e4	2.08e4	1.129	4.61	4.33	12.2	10.8	86.6	NO	
39	42 13C5-PFNA	468.2 > 422.9	2.31e4	2.59e4	1.006	5.04	4.76	11.1	11.1	88.5	NO	
40	43 13C8-PFOSA	506.1 > 77.7	3.96e3	2.45e4	0.182	5.09	4.84	2.03	11.1	89.2	NO	
41	44 13C8-PFOS	507.0 > 79.9	4.13e3	4.48e3	1.049	5.11	4.84	11.5	11.0	88.0	NO	
42	45 13C2-PFDA	515.1 > 469.9	2.11e4	2.22e4	1.082	5.40	5.14	11.9	11.0	87.7	NO	
43	46 13C2-8:2 FTS	529.1 > 508.7	3.84e3	2.29e4	0.161	5.38	5.10	2.10	13.1	104.4	NO	
44	47 d3-N-MeFOSAA	573.3 > 419	1.11e4	2.45e4	0.426	5.55	5.29	5.66	13.3	106.2	NO	
45	48 d5-N-EtFOSAA	589.3 > 419	1.03e4	2.45e4	0.459	5.70	5.44	5.27	11.5	91.8	NO	
46	49 13C2-PFUdA	565 > 519.8	2.59e4	2.45e4	1.051	5.72	5.46	13.3	12.6	101.0	NO	
47	50 13C2-PFDoA	615.0 > 569.7	1.82e4	2.45e4	0.827	5.99	5.74	9.28	11.2	89.8	NO	
48	51 d3-N-MeFOSA	515.2 > 168.9	3.01e4	2.45e4	0.107	5.93	6.02	15.4	144	96.0	NO	
49	52 13C2-PFTeDA	714.8 > 669.6	1.35e4	2.45e4	0.514	6.41	6.21	6.93	13.5	107.8	NO	
50	53 d5-N-ETFOSA	531.1 > 168.9	4.42e4	2.45e4	0.152	6.25	6.40	22.6	149	99.2	NO	
51	54 13C2-PFHxDA	815 > 769.7	1.10e4	2.45e4	1.185	6.69	6.55	5.61	4.73	94.7	NO	
52	55 d7-N-MeFOSE	623.1 > 58.9	3.15e4	2.45e4	0.122	6.31	6.50	16.1	132	87.9	NO	
53	56 d9-N-EtFOSE	639.2 > 58.8	3.11e4	2.45e4	0.109	6.45	6.64	15.9	146	97.4	NO	
54	57 13C4-PFBA	217. > 171.8	8.86e3	8.86e3	1.000	1.73	1.47	12.5	12.5	100.0	NO	
55	58 13C5-PFHxA	318 > 272.9	2.29e4	2.29e4	1.000	3.48	3.19	12.5	12.5	100.0	NO	
56	59 13C3-PFHxS	401.9 > 79.9	4.80e3	4.80e3	1.000	4.24	3.95	12.5	12.5	100.0	NO	
57	60 13C8-PFOA	421.3 > 376	2.08e4	2.08e4	1.000	4.61	4.33	12.5	12.5	100.0	NO	
58	61 13C9-PFNA	472.2 > 426.9	2.59e4	2.59e4	1.000	4.70	4.76	12.5	12.5	100.0	NO	
59	62 13C4-PFOS	503 > 79.9	4.48e3	4.48e3	1.000	5.11	4.84	12.5	12.5	100.0	NO	
60	63 13C6-PFDA	519.1 > 473.7	2.22e4	2.22e4	1.000	5.40	5.14	12.5	12.5	100.0	NO	
61	64 13C7-PFUdA	570.1 > 524.8	2.45e4	2.45e4	1.000	5.72	5.46	12.5	12.5	100.0	NO	

Dataset: Untitled

Last Altered: Monday, March 12, 2018 08:30:05 Pacific Daylight Time  
Printed: Monday, March 12, 2018 08:31:14 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 09 Mar 2018 15:08:10  
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 13:43:20

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180307M2_1	IPA	08-Mar-18	07:30:22
2	180307M2_2	ST180307M2-1 PFC CS-2 18B2813	08-Mar-18	07:41:47
3	180307M2_3	ST180307M2-2 PFC CS-1 18B2814	08-Mar-18	07:53:13
4	180307M2_4	ST180307M2-3 PFC CS0 18B2815	08-Mar-18	08:04:42
5	180307M2_5	ST180307M2-4 PFC CS1 18B2816	08-Mar-18	08:16:12
6	180307M2_6	ST180307M2-5 PFC CS2 18B2817	08-Mar-18	08:27:42
7	180307M2_7	ST180307M2-6 PFC CS3 18B2818	08-Mar-18	08:39:12
8	180307M2_8	ST180307M2-7 PFC CS4 18B2819	08-Mar-18	08:50:42
9	180307M2_9	ST180307M2-8 PFC CS5 18B2820	08-Mar-18	09:02:11
10	180307M2_10	ST180307M-9 PFC CS6 18B2821	08-Mar-18	09:13:38
11	180307M2_11	ST180307M2-10 PFC CS7 18B2822	08-Mar-18	09:25:07
12	180307M2_12	IPA	08-Mar-18	09:36:36
13	180307M2_13	ICV180307M2-1 PFC ICV 18B2812	08-Mar-18	09:48:06
14	180307M2_14	IPA	08-Mar-18	09:59:36
15	180307M2_15	B8B0163-BS1 OPR 0.125	08-Mar-18	10:11:05
16	180307M2_16	B8B0163-BSD1 LCSD 0.125	08-Mar-18	10:22:35
17	180307M2_17	B8B0163-BLK1 Method Blank 0.125	08-Mar-18	10:34:05
18	180307M2_18	1800356-01 WI-AF-SB-FB-022018 0.11754	08-Mar-18	10:45:32
19	180307M2_19	1800356-02 WI-AF-EB11-SO-0218 0.11967	08-Mar-18	10:57:01
20	180307M2_20	1800361-01 WI-A06-EB01-021918 0.11631	08-Mar-18	11:08:27
21	180307M2_21	1800361-02 WI-A06-MW-13-0218 0.12182	08-Mar-18	11:19:57
22	180307M2_22	1800361-03 WI-A06-FB01-022018 0.12192	08-Mar-18	11:31:27
23	180307M2_23	1800361-04 WI-A06-6-DW-38A-0218 0.11965	08-Mar-18	11:42:57
24	180307M2_24	1800361-05 WI-A06-EB01-022018 0.12096	08-Mar-18	11:58:01
25	180307M2_25	1800361-06 WI-A06-6-S-27-0218 0.1213	08-Mar-18	12:09:30
26	180307M2_26	1800361-07 WI-A06-6-S-28-0218 0.12084	08-Mar-18	12:21:00
27	180307M2_27	1800361-08 WI-A06-FB01-022118 0.11778	08-Mar-18	12:32:30
28	180307M2_28	1800361-09 WI-A06-MW-01-0218 0.12063	08-Mar-18	12:43:59
29	180307M2_29	1800361-10 WI-A06-EB01-022118 0.12144	08-Mar-18	12:55:25
30	180307M2_30	IPA	08-Mar-18	13:06:54
31	180307M2_31	ST180307M2-11 PFC CS3 18B2818	08-Mar-18	13:18:21

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Monday, March 12, 2018 08:30:05 Pacific Daylight Time

Printed: Monday, March 12, 2018 08:31:14 Pacific Daylight Time

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
32	180307M2_32	IPA	08-Mar-18	13:29:51
33	180307M2_33	B8C0006-BS1 OPR 0.25	08-Mar-18	13:41:21
34	180307M2_34	B8C0006-BSD1 LCSD 0.25	08-Mar-18	13:52:50
35	180307M2_35	B8C0006-BLK1 Method Blank 0.25	08-Mar-18	14:04:20
36	180307M2_36	1800367-01 WI-A06-EB01-0218 0.12311	08-Mar-18	14:15:49
37	180307M2_37	1800367-02 WI-A06-MW03B-0218 0.11921	08-Mar-18	14:27:19
38	180307M2_38	1800367-03 WI-A06-FB01-022218 0.12396	08-Mar-18	14:38:49
39	180307M2_39	1800367-04 WI-A06-6-S-02-0218 0.11895	08-Mar-18	14:50:16
40	180307M2_40	1800367-05 WI-A06-6-S-05-0218 0.12239	08-Mar-18	15:01:45
41	180307M2_41	1800367-06 WI-A06-6-S-05P-0218 0.12532	08-Mar-18	15:13:12
42	180307M2_42	1800367-07 WI-A06-FB01-022318 0.12195	08-Mar-18	15:24:41
43	180307M2_43	1800367-08 WI-A06-EB01-022318 0.12383	08-Mar-18	15:36:11
44	180307M2_44	1800369-01 GW2630180222RAP 0.25761	08-Mar-18	15:47:41
45	180307M2_45	1800369-02 GW3640180222RAP 0.24942	08-Mar-18	15:59:10
46	180307M2_46	1800369-03 GW4650180223RAP 0.2611	08-Mar-18	16:10:40
47	180307M2_47	1800370-01 WR1802230920JLB 0.27194	08-Mar-18	16:22:08
48	180307M2_48	1800370-02 WR1802230950JLB 0.27055	08-Mar-18	16:33:39
49	180307M2_49	1800370-03 WR1802231025JLB 0.25444	08-Mar-18	16:45:10
50	180307M2_50	IPA	08-Mar-18	16:56:39
51	180307M2_51	ST180307M2-12 PFC CS3 18B2818	08-Mar-18	17:08:09
52	180307M2_52	IPA	08-Mar-18	17:19:39
53	180307M2_53	1800370-04 FB1802231030JLB 0.23963	08-Mar-18	17:31:06
54	180307M2_54	1800370-05 WR1802231120JLB 0.27209	08-Mar-18	17:42:36
55	180307M2_55	1800370-06 WR1802231155JLB 0.255	08-Mar-18	17:54:03
56	180307M2_56	1800370-07 WT1802261035JLB 0.27331	08-Mar-18	18:05:29
57	180307M2_57	1800370-08 WT1802261100JLB 0.27258	08-Mar-18	18:16:58
58	180307M2_58	1800370-09 WR1802261125JLB 0.25932	08-Mar-18	18:28:27
59	180307M2_59	IPA	08-Mar-18	18:39:56
60	180307M2_60	ST180307M2-13 PFC CS3 18B2818	08-Mar-18	18:51:26
61	180307M2_61	IPA	08-Mar-18	19:02:55

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-51.qld

Last Altered: Friday, March 09, 2018 14:45:33 Pacific Standard Time  
Printed: Monday, March 12, 2018 13:10:06 Pacific Daylight Time

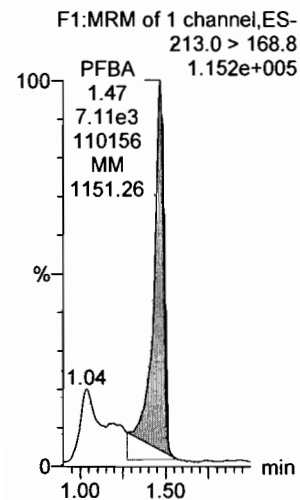
*Ⓟ on 3/12/18*

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 08 Mar 2018 15:11:54

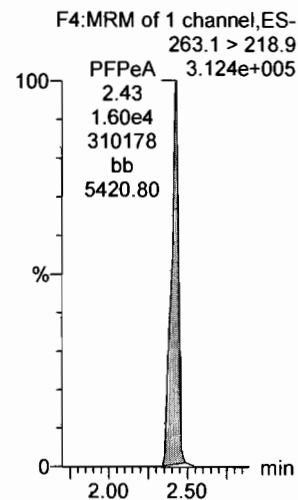
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Name: 180307M2\_51, Date: 08-Mar-2018, Time: 17:08:09, ID: ST180307M2-12 PFC CS3 18B2317, Description: PFC CS3 18B2317

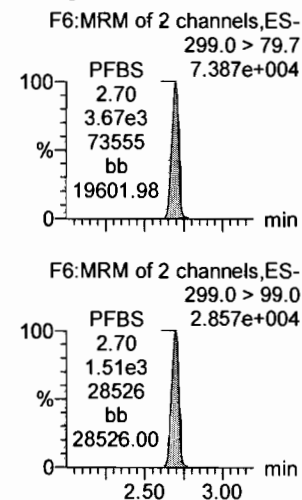
**PFBA**



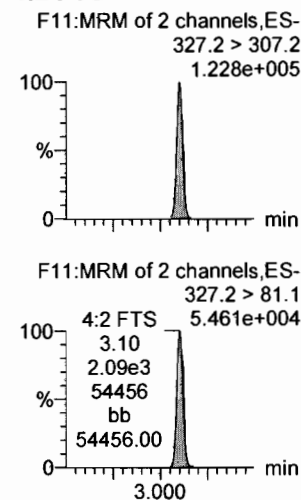
**PFPeA**



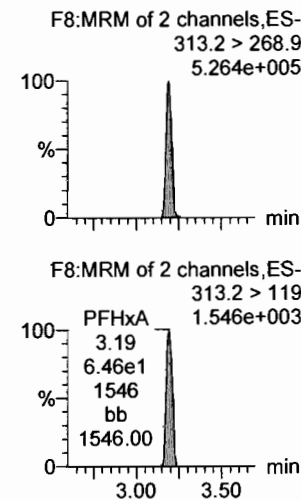
**PFBS**



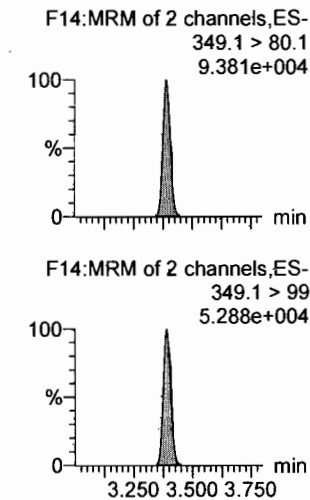
**4:2 FTS**



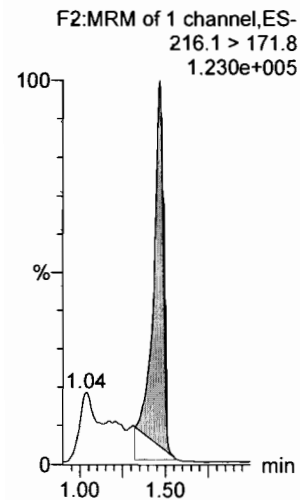
**PFHxA**



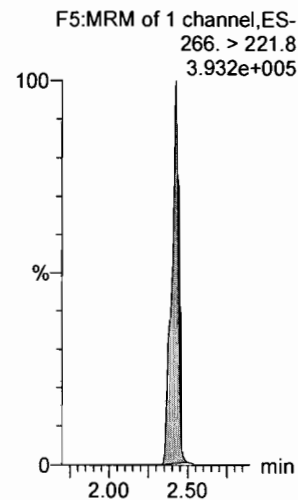
**PFPeS**



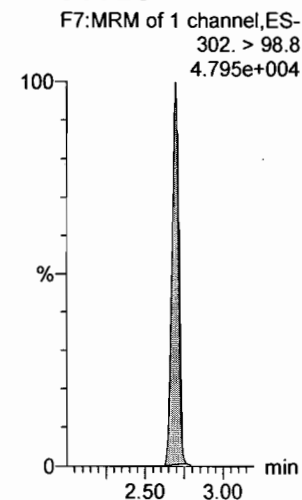
**13C3-PFBA**



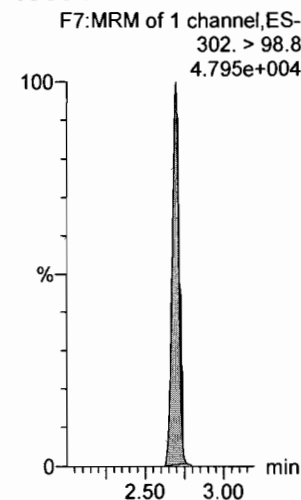
**13C3-PFPeA**



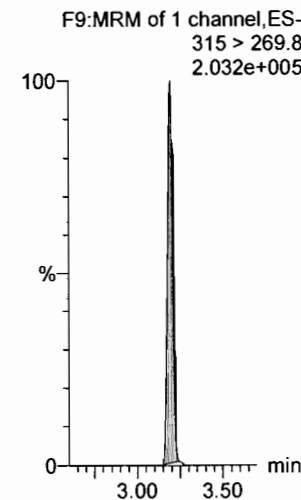
**13C3-PFBS**



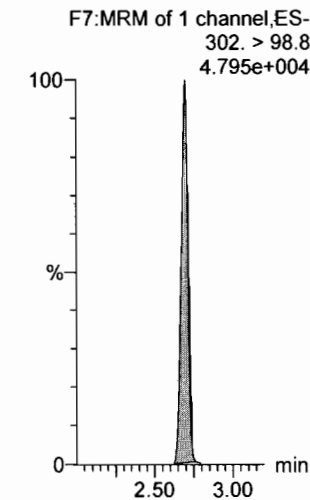
**13C3-PFBS**



**13C2-PFHxA**



**13C3-PFBS**



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-51.qld

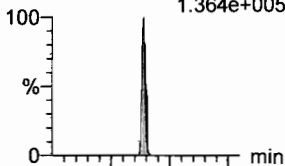
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Printed: Monday, March 12, 2018 13:10:06 Pacific Daylight Time

Name: 180307M2\_51, Date: 08-Mar-2018, Time: 17:08:09, ID: ST180307M1-12 PFC CS3 18B2317, Description: PFC CS3 18B2317

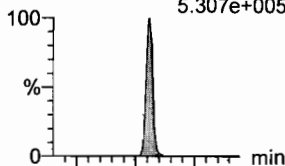
6:2 FTS

F23:MRM of 2 channels,ES-  
427.1 > 407  
1.364e+005



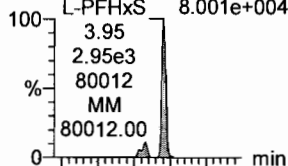
PFHpA

F15:MRM of 2 channels,ES-  
363.0 > 318.9  
5.307e+005



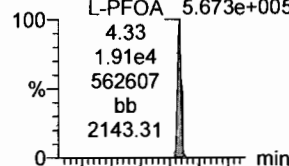
L-PFHxS

F17:MRM of 2 channels,ES-  
398.9 > 79.6  
8.001e+004



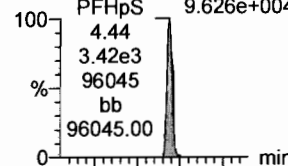
L-PFOA

F20:MRM of 2 channels,ES-  
413 > 368.7  
5.673e+005



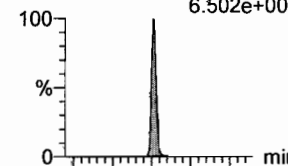
PFHpS

F25:MRM of 2 channels,ES-  
449 > 80.0  
9.626e+004

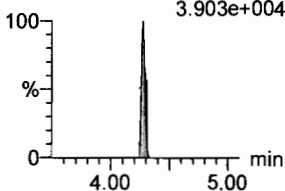


PFNA

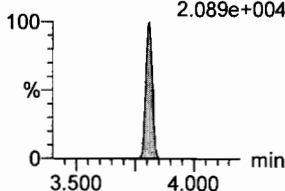
F26:MRM of 2 channels,ES-  
463.0 > 418.8  
6.502e+005



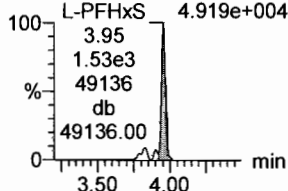
F23:MRM of 2 channels,ES-  
427.1 > 80  
3.903e+004



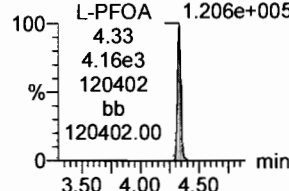
F15:MRM of 2 channels,ES-  
363.0 > 169.0  
2.089e+004



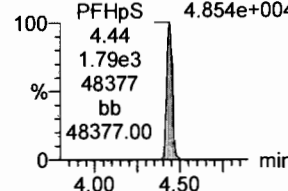
F17:MRM of 2 channels,ES-  
398.9 > 99.0  
4.919e+004



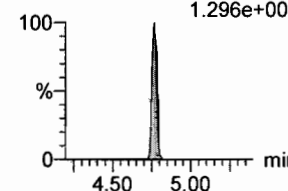
F20:MRM of 2 channels,ES-  
413 > 169  
1.206e+005



F25:MRM of 2 channels,ES-  
449 > 98.7  
4.854e+004

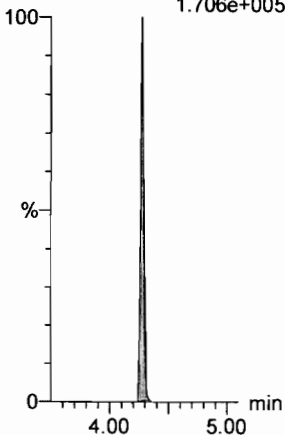


F26:MRM of 2 channels,ES-  
463.0 > 219.0  
1.296e+005



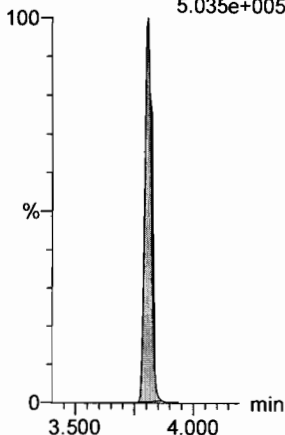
13C2-6:2 FTS

F24:MRM of 1 channel,ES-  
429.1 > 408.9  
1.706e+005



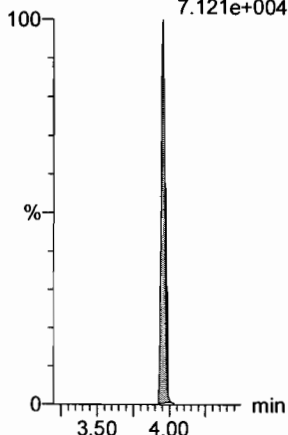
13C4-PFHpA

F16:MRM of 1 channel,ES-  
367.2 > 321.8  
5.035e+005



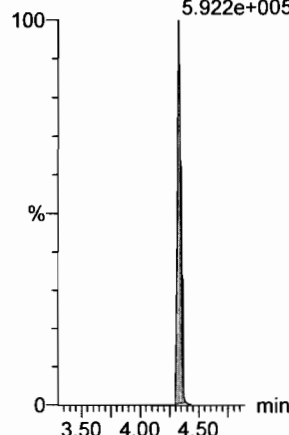
18O2-PFHxS

F19:MRM of 1 channel,ES-  
403.0 > 102.6  
7.121e+004



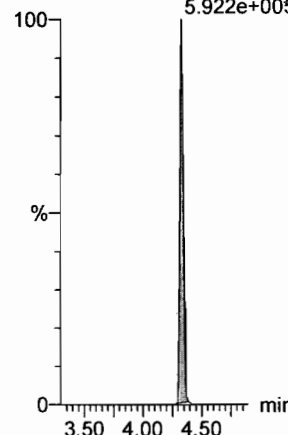
13C2-PFOA

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
5.922e+005



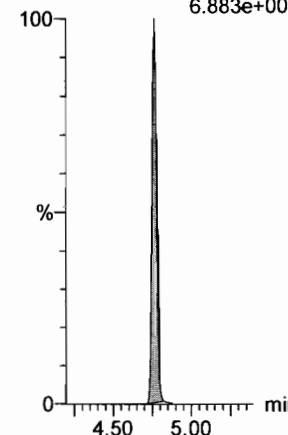
13C2-PFOA

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
5.922e+005



13C5-PFNA

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
6.883e+005

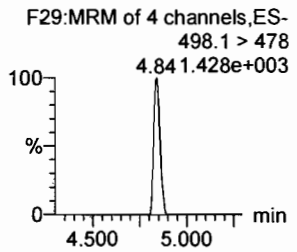
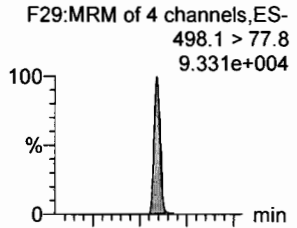


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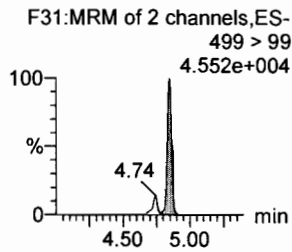
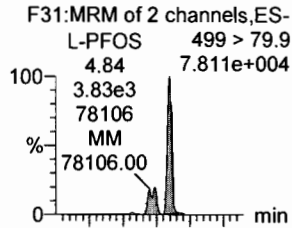
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Printed: Monday, March 12, 2018 13:10:06 Pacific Daylight Time

Name: 180307M2\_51, Date: 08-Mar-2018, Time: 17:08:09, ID: ST180307M1-12 PFC CS3 18B2317, Description: PFC CS3 18B2317

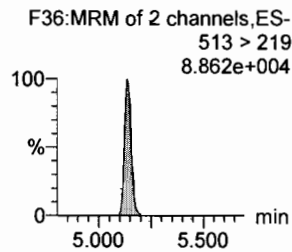
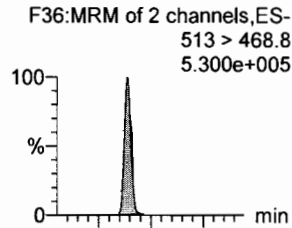
**PFOSA**



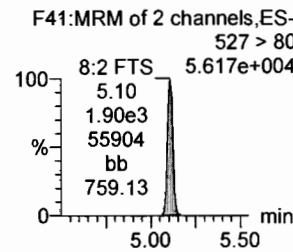
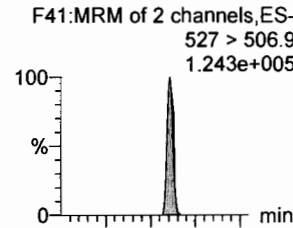
**L-PFOS**



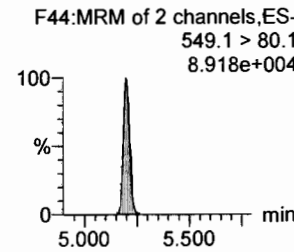
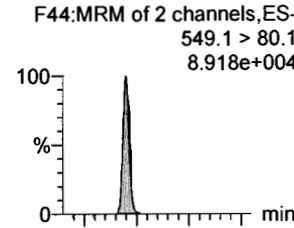
**PFDA**



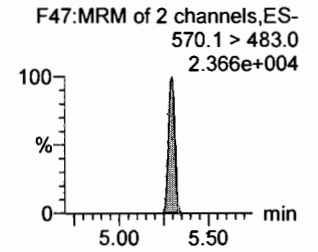
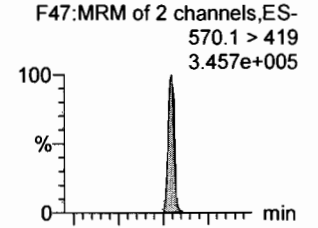
**8:2 FTS**



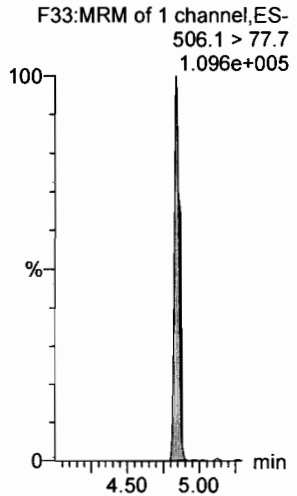
**PFNS**



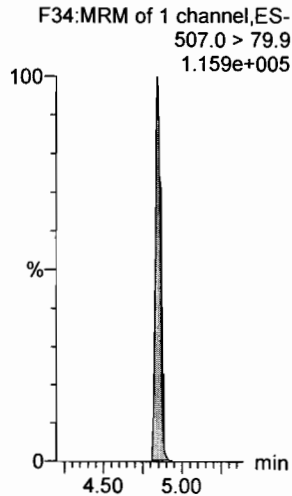
**N-MeFOSAA**



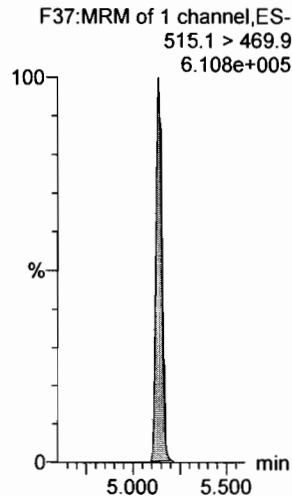
**13C8-PFOSA**



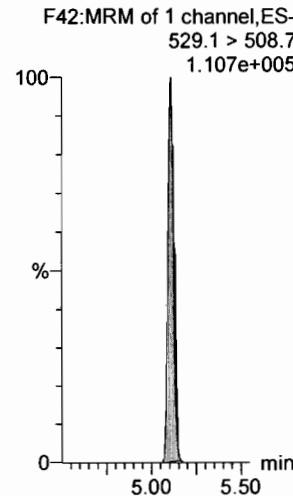
**13C8-PFOS**



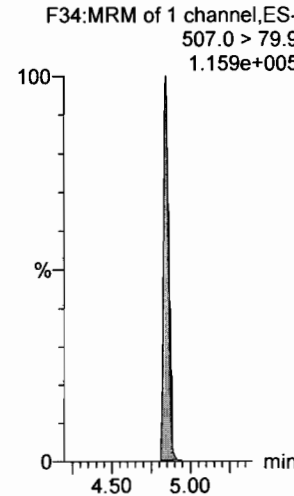
**13C2-PFDA**



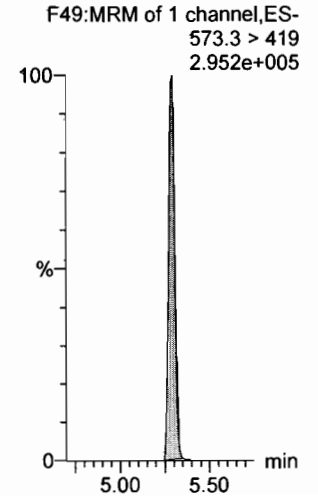
**13C2-8:2 FTS**



**13C8-PFOS**



**d3-N-MeFOSAA**





Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-51.qld

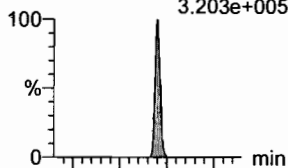
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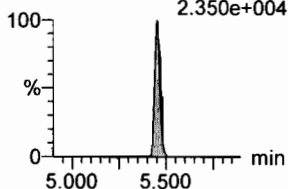
*AM 3/12/18*  
Name: 180307M2\_51, Date: 08-Mar-2018, Time: 17:08:09, ID: ST180307M1-12 PFC CS3 18B2317, Description: PFC CS3 18B2317

**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
3.203e+005

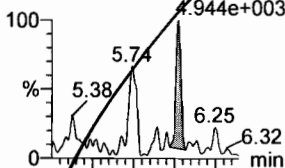


F50:MRM of 2 channels,ES-  
584.2 > 483.0  
2.350e+004

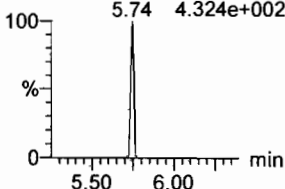


**PFDoA**

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
4.944e+003

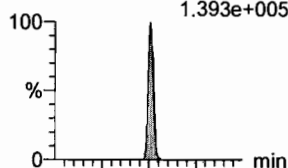


F53:MRM of 4 channels,ES-  
612.9 > 318.8  
4.324e+002

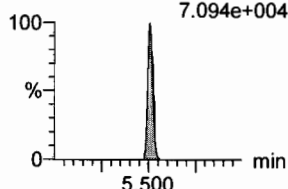


**PFDS**

F52:MRM of 2 channels,ES-  
598.8 > 80  
1.393e+005

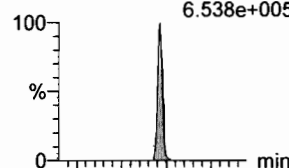


F52:MRM of 2 channels,ES-  
598.8 > 98.7  
7.094e+004

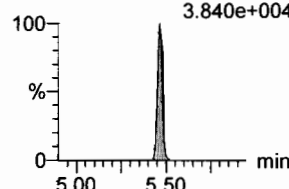


**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
6.538e+005

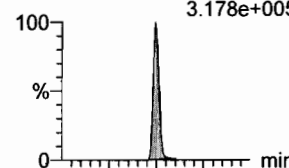


F45:MRM of 2 channels,ES-  
563.0 > 269  
3.840e+004

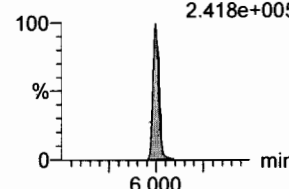


**N-MeFOSA**

F35:MRM of 2 channels,ES-  
512.1 > 168.9  
3.178e+005

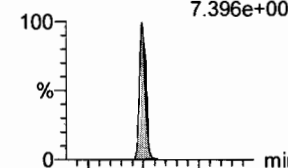


F35:MRM of 2 channels,ES-  
512.1 > 219  
2.418e+005

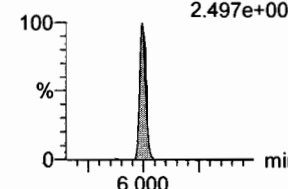


**PFTrDA**

F59:MRM of 2 channels,ES-  
662.9 > 618.9  
7.396e+005

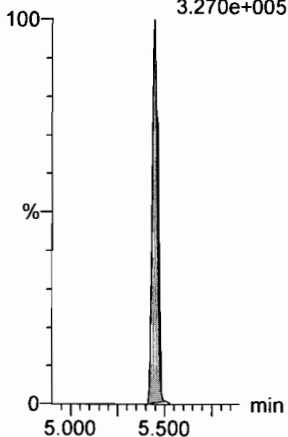


F59:MRM of 2 channels,ES-  
662.9 > 319  
2.497e+004



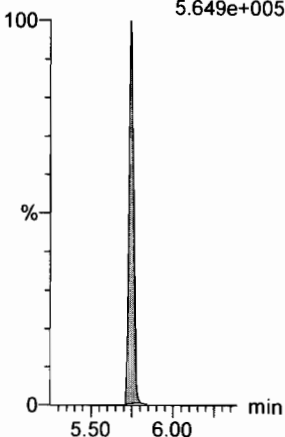
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
3.270e+005



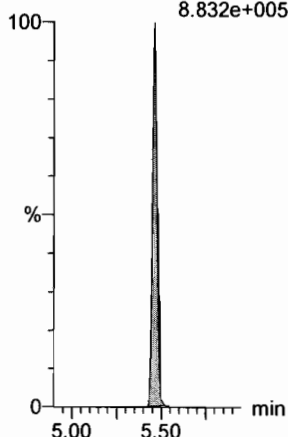
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
5.649e+005



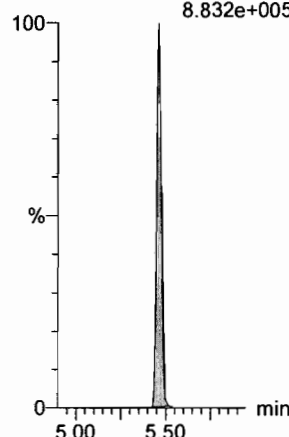
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
8.832e+005



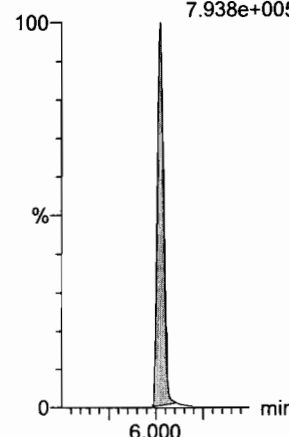
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
8.832e+005



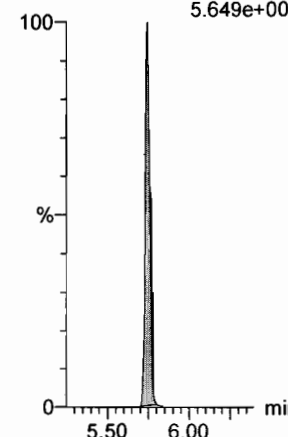
**d3-N-MeFOSA**

F38:MRM of 1 channel,ES-  
515.2 > 168.9  
7.938e+005



**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
5.649e+005



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-51.qld

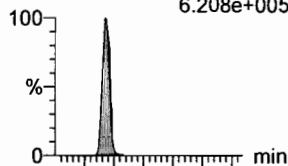
Last Altered: Friday, March 09, 2018 14:45:33 Pacific Standard Time

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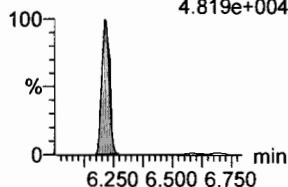
Name: 180307M2\_51, Date: 08-Mar-2018, Time: 17:08:09, ID: ST180307M1-12 PFC CS3 18B2317, Description: PFC CS3 18B2317

**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
6.208e+005

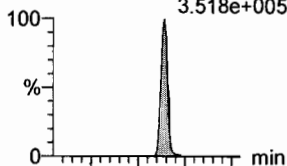


F60:MRM of 2 channels,ES-  
712.9 > 369  
4.819e+004

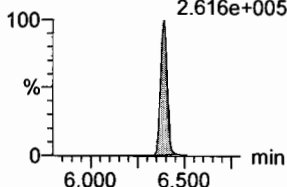


**N-EtFOSA**

F40:MRM of 2 channels,ES-  
526.1 > 168.9  
3.518e+005

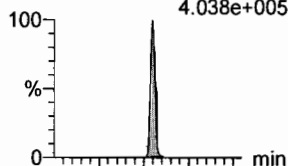


F40:MRM of 2 channels,ES-  
526.1 > 219  
2.616e+005

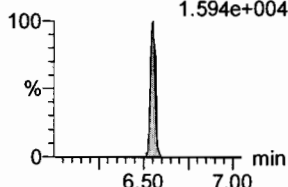


**PFHxDA**

F62:MRM of 2 channels,ES-  
813.1 > 768.6  
4.038e+005

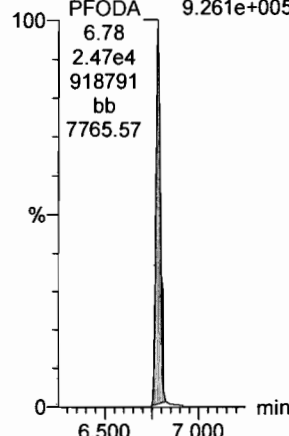


F62:MRM of 2 channels,ES-  
813.1 > 219  
1.594e+004



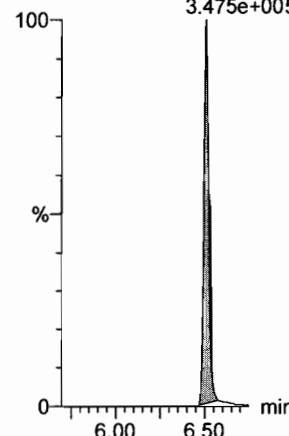
**PFODA**

F64:MRM of 1 channel,ES-  
913.1 > 868.8  
9.261e+005



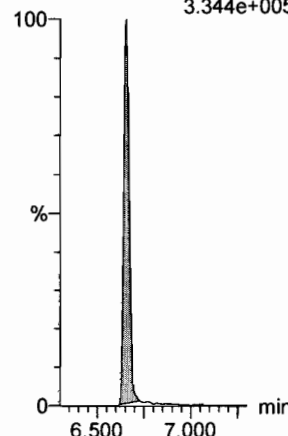
**N-MeFOSE**

F55:MRM of 1 channel,ES-  
616.1 > 58.9  
3.475e+005



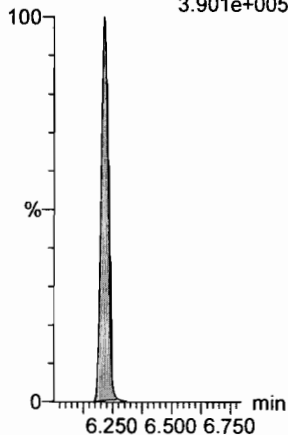
**N-EtFOSE**

F57:MRM of 1 channel,ES-  
630.1 > 58.9  
3.344e+005



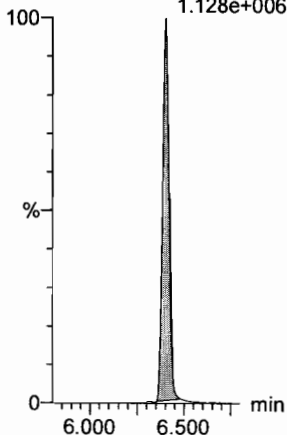
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
3.901e+005



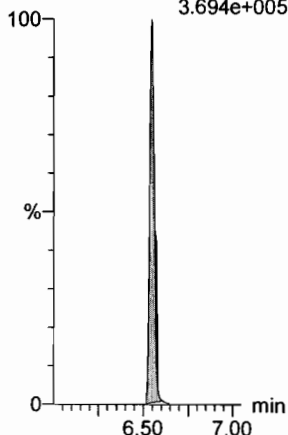
**d5-N-ETFOSA**

F43:MRM of 1 channel,ES-  
531.1 > 168.9  
1.128e+006



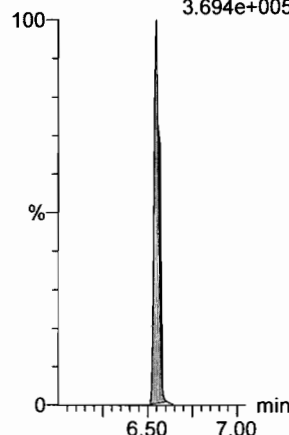
**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
3.694e+005



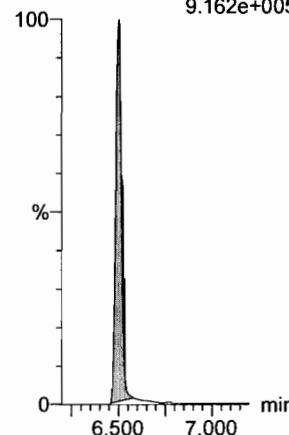
**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
3.694e+005



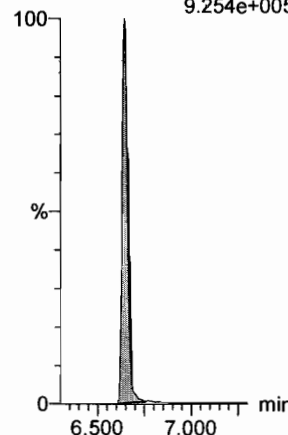
**d7-N-MeFOSE**

F56:MRM of 1 channel,ES-  
623.1 > 58.9  
9.162e+005



**d9-N-EtFOSE**

F58:MRM of 1 channel,ES-  
639.2 > 58.8  
9.254e+005



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-51.qld

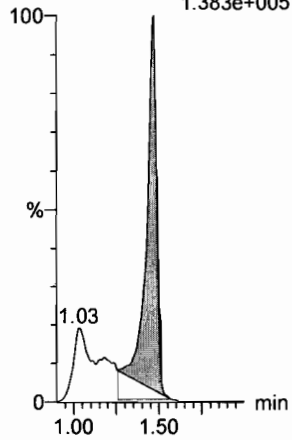
Last Altered: Friday, March 09, 2018 14:45:33 Pacific Standard Time

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Name: 180307M2\_51, Date: 08-Mar-2018, Time: 17:08:09, ID: ST180307M1-12 PFC CS3 18B2317, Description: PFC CS3 18B2317

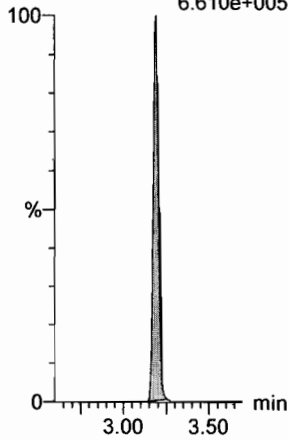
**13C4-PFBA**

F3:MRM of 1 channel,ES-  
217. > 171.8  
1.383e+005



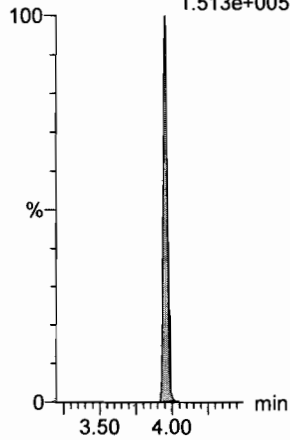
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
6.610e+005



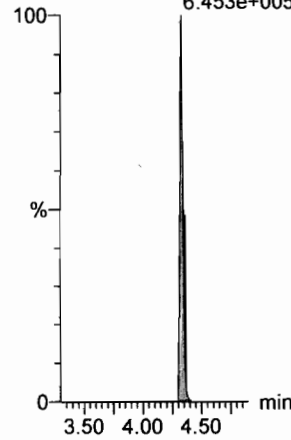
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
1.513e+005



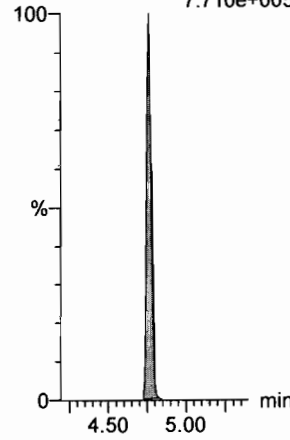
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
6.453e+005



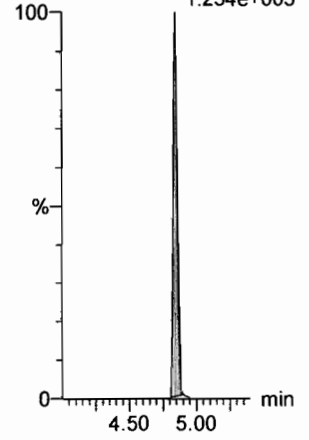
**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
7.710e+005



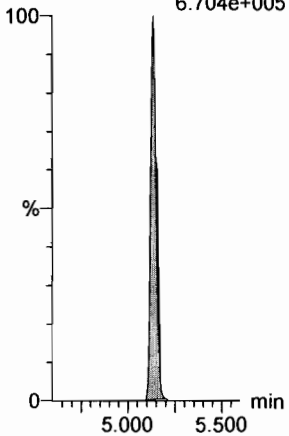
**13C4-PFOS**

F32:MRM of 1 channel,ES-  
503 > 79.9  
1.254e+005



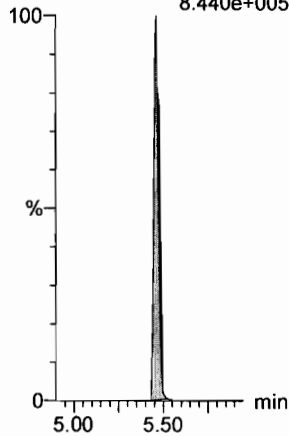
**13C6-PFDA**

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
6.704e+005



**13C7-PFUdA**

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
8.440e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\IIS.qld

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_RS-2-5-18.mdb 06 Feb 2018 11:46:28

Calibration: 13 Mar 2018 16:06:33

Name: 180312M1\_7, Date: 12-Mar-2018, Time: 22:46:55, ID: ST180312M1-6 PFC CS3 18B2818, Description: PFC CS3 18B2818

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180312M1-6 PFC CS3 18B2818	6.62e3	100.0	NO
2	2 13C5-PFHxA	ST180312M1-6 PFC CS3 18B2818	1.83e4	100.0	NO
3	3 13C3-PFHxS	ST180312M1-6 PFC CS3 18B2818	3.34e3	100.0	NO
4	4 13C8-PFOA	ST180312M1-6 PFC CS3 18B2818	1.82e4	100.0	NO
5	5 13C9-PFNA	ST180312M1-6 PFC CS3 18B2818	1.94e4	100.0	NO
6	6 13C4-PFOS	ST180312M1-6 PFC CS3 18B2818	3.58e3	100.0	NO
7	7 13C6-PFDA	ST180312M1-6 PFC CS3 18B2818	1.56e4	100.0	NO
8	8 13C7-PFUDa	ST180312M1-6 PFC CS3 18B2818	2.09e4	100.0	NO

Name: 180312M1\_8, Date: 12-Mar-2018, Time: 22:58:24, ID: ST180312M1-7 PFC CS4 18B2819, Description: PFC CS4 18B2819

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180312M1-7 PFC CS4 18B2819	6.94e3	104.8	NO
2	2 13C5-PFHxA	ST180312M1-7 PFC CS4 18B2819	1.74e4	95.3	NO
3	3 13C3-PFHxS	ST180312M1-7 PFC CS4 18B2819	3.52e3	105.2	NO
4	4 13C8-PFOA	ST180312M1-7 PFC CS4 18B2819	1.67e4	92.0	NO
5	5 13C9-PFNA	ST180312M1-7 PFC CS4 18B2819	1.97e4	101.9	NO
6	6 13C4-PFOS	ST180312M1-7 PFC CS4 18B2819	4.00e3	111.7	NO
7	7 13C6-PFDA	ST180312M1-7 PFC CS4 18B2819	1.48e4	95.0	NO
8	8 13C7-PFUDa	ST180312M1-7 PFC CS4 18B2819	1.53e4	72.9	NO

Name: 180312M1\_9, Date: 12-Mar-2018, Time: 23:09:53, ID: ST180312M1-8 PFC CS5 18B2820, Description: PFC CS5 18B2820

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180312M1-8 PFC CS5 18B2820	6.98e3	105.4	NO
2	2 13C5-PFHxA	ST180312M1-8 PFC CS5 18B2820	1.74e4	94.9	NO
3	3 13C3-PFHxS	ST180312M1-8 PFC CS5 18B2820	3.35e3	100.1	NO
4	4 13C8-PFOA	ST180312M1-8 PFC CS5 18B2820	1.77e4	97.4	NO
5	5 13C9-PFNA	ST180312M1-8 PFC CS5 18B2820	2.16e4	111.5	NO
6	6 13C4-PFOS	ST180312M1-8 PFC CS5 18B2820	4.08e3	113.9	NO
7	7 13C6-PFDA	ST180312M1-8 PFC CS5 18B2820	1.68e4	107.8	NO
8	8 13C7-PFUDa	ST180312M1-8 PFC CS5 18B2820	2.09e4	99.9	NO

Name: 180312M1\_10, Date: 12-Mar-2018, Time: 23:21:20, ID: ST180312M1-9 PFC CS6 18B2821, Description: PFC CS6 18B2821

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180312M1-9 PFC CS6 18B2821	6.82e3	103.0	NO
2	2 13C5-PFHxA	ST180312M1-9 PFC CS6 18B2821	1.66e4	90.8	NO
3	3 13C3-PFHxS	ST180312M1-9 PFC CS6 18B2821	2.98e3	89.2	NO
4	4 13C8-PFOA	ST180312M1-9 PFC CS6 18B2821	1.56e4	85.6	NO
5	5 13C9-PFNA	ST180312M1-9 PFC CS6 18B2821	1.75e4	90.3	NO
6	6 13C4-PFOS	ST180312M1-9 PFC CS6 18B2821	3.43e3	95.8	NO
7	7 13C6-PFDA	ST180312M1-9 PFC CS6 18B2821	1.40e4	90.0	NO
8	8 13C7-PFUDa	ST180312M1-9 PFC CS6 18B2821	1.76e4	84.2	NO

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**Name: 180312M1\_11, Date: 12-Mar-2018, Time: 23:32:47, ID: ST180312M1-10 PFC CS7 18B2822, Description: PFC CS7 18B2822**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180312M1-10 PFC CS7 18B2822	6.78e3	102.4	NO
2	2 13C5-PFHxA	ST180312M1-10 PFC CS7 18B2822	1.52e4	83.3	NO
3	3 13C3-PFHxS	ST180312M1-10 PFC CS7 18B2822	3.15e3	94.2	NO
4	4 13C8-PFOA	ST180312M1-10 PFC CS7 18B2822	1.62e4	88.8	NO
5	5 13C9-PFNA	ST180312M1-10 PFC CS7 18B2822	1.68e4	86.6	NO
6	6 13C4-PFOS	ST180312M1-10 PFC CS7 18B2822	3.20e3	89.3	NO
7	7 13C6-PFDA	ST180312M1-10 PFC CS7 18B2822	1.47e4	94.7	NO
8	8 13C7-PFUDa	ST180312M1-10 PFC CS7 18B2822	1.65e4	78.7	NO

**Name: 180312M1\_12, Date: 12-Mar-2018, Time: 23:44:14, 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	8.94e0	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: 180312M1\_13, Date: 12-Mar-2018, Time: 23:55:44, ID: ICV180312M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ICV180312M1-1 PFC ICV 18B2812	6.37e3	96.3	NO
2	2 13C5-PFHxA	ICV180312M1-1 PFC ICV 18B2812	1.64e4	89.4	NO
3	3 13C3-PFHxS	ICV180312M1-1 PFC ICV 18B2812	3.43e3	102.6	NO
4	4 13C8-PFOA	ICV180312M1-1 PFC ICV 18B2812	1.88e4	103.2	NO
5	5 13C9-PFNA	ICV180312M1-1 PFC ICV 18B2812	1.73e4	89.1	NO
6	6 13C4-PFOS	ICV180312M1-1 PFC ICV 18B2812	3.86e3	107.8	NO
7	7 13C6-PFDA	ICV180312M1-1 PFC ICV 18B2812	1.53e4	98.0	NO
8	8 13C7-PFUDa	ICV180312M1-1 PFC ICV 18B2812	1.89e4	90.0	NO

**Name: 180312M1\_14, Date: 13-Mar-2018, Time: 00:07:14, 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: 180312M1\_15, Date: 13-Mar-2018, Time: 00:18:43, ID: B8B0163-BS1 OPR 0.125, Description: OPR**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8B0163-BS1 OPR 0.125	7.22e3	109.0	NO
2	2 13C5-PFHxA	B8B0163-BS1 OPR 0.125	1.04e4	57.0	NO
3	3 13C3-PFHxS	B8B0163-BS1 OPR 0.125	2.50e3	74.8	NO
4	4 13C8-PFOA	B8B0163-BS1 OPR 0.125	1.09e4	60.1	NO
5	5 13C9-PFNA	B8B0163-BS1 OPR 0.125	1.14e4	59.0	NO
6	6 13C4-PFOS	B8B0163-BS1 OPR 0.125	2.62e3	73.0	NO
7	7 13C6-PFDA	B8B0163-BS1 OPR 0.125	1.08e4	69.7	NO
8	8 13C7-PFUDa	B8B0163-BS1 OPR 0.125	1.15e4	54.7	NO

**Name: 180312M1\_16, Date: 13-Mar-2018, Time: 00:30:12, ID: B8B0163-BSD1 LCSD 0.125, Description: LCSD**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8B0163-BSD1 LCSD 0.125	7.55e3	114.1	NO
2	2 13C5-PFHxA	B8B0163-BSD1 LCSD 0.125	1.07e4	58.2	NO
3	3 13C3-PFHxS	B8B0163-BSD1 LCSD 0.125	2.57e3	76.9	NO
4	4 13C8-PFOA	B8B0163-BSD1 LCSD 0.125	1.21e4	66.7	NO
5	5 13C9-PFNA	B8B0163-BSD1 LCSD 0.125	1.20e4	62.1	NO
6	6 13C4-PFOS	B8B0163-BSD1 LCSD 0.125	2.57e3	71.8	NO
7	7 13C6-PFDA	B8B0163-BSD1 LCSD 0.125	9.18e3	59.0	NO
8	8 13C7-PFUDa	B8B0163-BSD1 LCSD 0.125	1.08e4	51.7	NO

**Name: 180312M1\_17, Date: 13-Mar-2018, Time: 00:41:41, ID: B8B0163-BLK1 Method Blank 0.125, Description: Method Blank**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8B0163-BLK1 Method Blank 0.125	7.80e3	117.9	NO
2	2 13C5-PFHxA	B8B0163-BLK1 Method Blank 0.125	1.20e4	65.5	NO
3	3 13C3-PFHxS	B8B0163-BLK1 Method Blank 0.125	2.58e3	77.1	NO
4	4 13C8-PFOA	B8B0163-BLK1 Method Blank 0.125	1.22e4	67.3	NO
5	5 13C9-PFNA	B8B0163-BLK1 Method Blank 0.125	1.31e4	67.5	NO
6	6 13C4-PFOS	B8B0163-BLK1 Method Blank 0.125	2.89e3	80.7	NO
7	7 13C6-PFDA	B8B0163-BLK1 Method Blank 0.125	1.06e4	68.4	NO
8	8 13C7-PFUDa	B8B0163-BLK1 Method Blank 0.125	1.50e4	71.4	NO

**Name: 180312M1\_18, Date: 13-Mar-2018, Time: 00:53:11, ID: 1800356-01 WI-AF-SB-FB-022018 0.11754, Description: WI-AF-SB-FB-022018**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800356-01 WI-AF-SB-FB-022018 0.11...	7.43e3	112.3	NO
2	2 13C5-PFHxA	1800356-01 WI-AF-SB-FB-022018 0.11...	1.09e4	59.5	NO
3	3 13C3-PFHxS	1800356-01 WI-AF-SB-FB-022018 0.11...	2.51e3	75.1	NO
4	4 13C8-PFOA	1800356-01 WI-AF-SB-FB-022018 0.11...	1.18e4	64.8	NO
5	5 13C9-PFNA	1800356-01 WI-AF-SB-FB-022018 0.11...	1.34e4	68.9	NO
6	6 13C4-PFOS	1800356-01 WI-AF-SB-FB-022018 0.11...	2.70e3	75.3	NO
7	7 13C6-PFDA	1800356-01 WI-AF-SB-FB-022018 0.11...	9.89e3	63.6	NO
8	8 13C7-PFUDa	1800356-01 WI-AF-SB-FB-022018 0.11...	1.31e4	62.6	NO

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**Name: 180312M1\_19, Date: 13-Mar-2018, Time: 01:04:40, ID: 1800356-02 WI-AF-EB11-SO-0218 0.11967,**  
**Description: WI-AF-EB11-SO-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800356-02 WI-AF-EB11-SO-0218 0.11...	7.25e3	109.5	NO
2	2 13C5-PFHxA	1800356-02 WI-AF-EB11-SO-0218 0.11...	1.13e4	61.7	NO
3	3 13C3-PFHxS	1800356-02 WI-AF-EB11-SO-0218 0.11...	2.49e3	74.4	NO
4	4 13C8-PFOA	1800356-02 WI-AF-EB11-SO-0218 0.11...	1.12e4	61.3	NO
5	5 13C9-PFNA	1800356-02 WI-AF-EB11-SO-0218 0.11...	1.24e4	63.9	NO
6	6 13C4-PFOS	1800356-02 WI-AF-EB11-SO-0218 0.11...	2.52e3	70.3	NO
7	7 13C6-PFDA	1800356-02 WI-AF-EB11-SO-0218 0.11...	1.08e4	69.6	NO
8	8 13C7-PFUDa	1800356-02 WI-AF-EB11-SO-0218 0.11...	1.39e4	66.4	NO

**Name: 180312M1\_20, Date: 13-Mar-2018, Time: 01:16:09, ID: 1800361-01 WI-A06-EB01-021918 0.11631,**  
**Description: WI-A06-EB01-021918**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-01 WI-A06-EB01-021918 0.11...	8.05e3	121.6	NO
2	2 13C5-PFHxA	1800361-01 WI-A06-EB01-021918 0.11...	1.17e4	64.2	NO
3	3 13C3-PFHxS	1800361-01 WI-A06-EB01-021918 0.11...	2.50e3	74.7	NO
4	4 13C8-PFOA	1800361-01 WI-A06-EB01-021918 0.11...	1.19e4	65.4	NO
5	5 13C9-PFNA	1800361-01 WI-A06-EB01-021918 0.11...	1.18e4	61.0	NO
6	6 13C4-PFOS	1800361-01 WI-A06-EB01-021918 0.11...	2.73e3	76.2	NO
7	7 13C6-PFDA	1800361-01 WI-A06-EB01-021918 0.11...	9.24e3	59.4	NO
8	8 13C7-PFUDa	1800361-01 WI-A06-EB01-021918 0.11...	1.15e4	54.8	NO

**Name: 180312M1\_21, Date: 13-Mar-2018, Time: 01:27:38, ID: 1800361-02 WI-A06-MW-13-0218 0.12182,**  
**Description: WI-A06-MW-13-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-02 WI-A06-MW-13-0218 0.12...	6.61e3	99.9	NO
2	2 13C5-PFHxA	1800361-02 WI-A06-MW-13-0218 0.12...	9.51e3	52.0	NO
3	3 13C3-PFHxS	1800361-02 WI-A06-MW-13-0218 0.12...	2.24e3	67.0	NO
4	4 13C8-PFOA	1800361-02 WI-A06-MW-13-0218 0.12...	9.47e3	52.0	NO
5	5 13C9-PFNA	1800361-02 WI-A06-MW-13-0218 0.12...	9.11e3	47.0	YES
6	6 13C4-PFOS	1800361-02 WI-A06-MW-13-0218 0.12...	2.34e3	65.2	NO
7	7 13C6-PFDA	1800361-02 WI-A06-MW-13-0218 0.12...	8.79e3	56.5	NO
8	8 13C7-PFUDa	1800361-02 WI-A06-MW-13-0218 0.12...	1.15e4	54.8	NO

**Name: 180312M1\_22, Date: 13-Mar-2018, Time: 01:39:08, ID: 1800361-03 WI-A06-FB01-022018 0.12192,**  
**Description: WI-A06-FB01-022018**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-03 WI-A06-FB01-022018 0.12...	7.65e3	115.6	NO
2	2 13C5-PFHxA	1800361-03 WI-A06-FB01-022018 0.12...	1.16e4	63.7	NO
3	3 13C3-PFHxS	1800361-03 WI-A06-FB01-022018 0.12...	2.62e3	78.3	NO
4	4 13C8-PFOA	1800361-03 WI-A06-FB01-022018 0.12...	1.12e4	61.4	NO
5	5 13C9-PFNA	1800361-03 WI-A06-FB01-022018 0.12...	1.49e4	77.1	NO
6	6 13C4-PFOS	1800361-03 WI-A06-FB01-022018 0.12...	2.47e3	68.8	NO
7	7 13C6-PFDA	1800361-03 WI-A06-FB01-022018 0.12...	1.04e4	66.7	NO
8	8 13C7-PFUDa	1800361-03 WI-A06-FB01-022018 0.12...	1.34e4	63.9	NO

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**Name: 180312M1\_23, Date: 13-Mar-2018, Time: 01:50:37, ID: 1800361-04 WI-A06-6-DW-38A-0218 0.11965,**  
**Description: WI-A06-6-DW-38A-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-04 WI-A06-6-DW-38A-0218 0....	7.75e3	117.1	NO
2	2 13C5-PFHxA	1800361-04 WI-A06-6-DW-38A-0218 0....	1.10e4	60.0	NO
3	3 13C3-PFHxS	1800361-04 WI-A06-6-DW-38A-0218 0....	2.33e3	69.7	NO
4	4 13C8-PFOA	1800361-04 WI-A06-6-DW-38A-0218 0....	1.18e4	64.9	NO
5	5 13C9-PFNA	1800361-04 WI-A06-6-DW-38A-0218 0....	1.23e4	63.4	NO
6	6 13C4-PFOS	1800361-04 WI-A06-6-DW-38A-0218 0....	2.56e3	71.3	NO
7	7 13C6-PFDA	1800361-04 WI-A06-6-DW-38A-0218 0....	1.13e4	72.9	NO
8	8 13C7-PFUDa	1800361-04 WI-A06-6-DW-38A-0218 0....	1.25e4	59.5	NO

**Name: 180312M1\_24, Date: 13-Mar-2018, Time: 02:02:06, ID: 1800361-05 WI-A06-EB01-022018 0.12096,**  
**Description: WI-A06-EB01-022018**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-05 WI-A06-EB01-022018 0.12...	7.50e3	113.3	NO
2	2 13C5-PFHxA	1800361-05 WI-A06-EB01-022018 0.12...	1.09e4	59.8	NO
3	3 13C3-PFHxS	1800361-05 WI-A06-EB01-022018 0.12...	2.50e3	74.9	NO
4	4 13C8-PFOA	1800361-05 WI-A06-EB01-022018 0.12...	1.12e4	61.4	NO
5	5 13C9-PFNA	1800361-05 WI-A06-EB01-022018 0.12...	1.24e4	64.0	NO
6	6 13C4-PFOS	1800361-05 WI-A06-EB01-022018 0.12...	2.88e3	80.3	NO
7	7 13C6-PFDA	1800361-05 WI-A06-EB01-022018 0.12...	8.83e3	56.8	NO
8	8 13C7-PFUDa	1800361-05 WI-A06-EB01-022018 0.12...	1.39e4	66.5	NO

**Name: 180312M1\_25, Date: 13-Mar-2018, Time: 02:13:36, ID: 1800361-06 WI-A06-6-S-27-0218 0.1213,**  
**Description: WI-A06-6-S-27-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-06 WI-A06-6-S-27-0218 0.1213	7.47e3	112.8	NO
2	2 13C5-PFHxA	1800361-06 WI-A06-6-S-27-0218 0.1213	1.04e4	56.6	NO
3	3 13C3-PFHxS	1800361-06 WI-A06-6-S-27-0218 0.1213	2.49e3	74.4	NO
4	4 13C8-PFOA	1800361-06 WI-A06-6-S-27-0218 0.1213	1.06e4	58.3	NO
5	5 13C9-PFNA	1800361-06 WI-A06-6-S-27-0218 0.1213	1.15e4	59.2	NO
6	6 13C4-PFOS	1800361-06 WI-A06-6-S-27-0218 0.1213	2.78e3	77.7	NO
7	7 13C6-PFDA	1800361-06 WI-A06-6-S-27-0218 0.1213	1.07e4	68.9	NO
8	8 13C7-PFUDa	1800361-06 WI-A06-6-S-27-0218 0.1213	1.39e4	66.2	NO

**Name: 180312M1\_26, Date: 13-Mar-2018, Time: 02:25:05, ID: 1800361-07 WI-A06-6-S-28-0218 0.12084,**  
**Description: WI-A06-6-S-28-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-07 WI-A06-6-S-28-0218 0.120...	7.64e3	115.4	NO
2	2 13C5-PFHxA	1800361-07 WI-A06-6-S-28-0218 0.120...	1.15e4	62.9	NO
3	3 13C3-PFHxS	1800361-07 WI-A06-6-S-28-0218 0.120...	2.40e3	71.7	NO
4	4 13C8-PFOA	1800361-07 WI-A06-6-S-28-0218 0.120...	1.19e4	65.7	NO
5	5 13C9-PFNA	1800361-07 WI-A06-6-S-28-0218 0.120...	1.30e4	67.0	NO
6	6 13C4-PFOS	1800361-07 WI-A06-6-S-28-0218 0.120...	2.42e3	67.6	NO
7	7 13C6-PFDA	1800361-07 WI-A06-6-S-28-0218 0.120...	8.62e3	55.4	NO
8	8 13C7-PFUDa	1800361-07 WI-A06-6-S-28-0218 0.120...	1.15e4	54.8	NO



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**Name: 180312M1\_27, Date: 13-Mar-2018, Time: 02:36:36, ID: 1800361-08 WI-A06-FB01-022118 0.11778, Description: WI-A06-FB01-022118**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-08 WI-A06-FB01-022118 0.11...	7.55e3	114.1	NO
2	2 13C5-PFHxA	1800361-08 WI-A06-FB01-022118 0.11...	1.12e4	61.2	NO
3	3 13C3-PFHxS	1800361-08 WI-A06-FB01-022118 0.11...	2.45e3	73.3	NO
4	4 13C8-PFOA	1800361-08 WI-A06-FB01-022118 0.11...	1.25e4	68.7	NO
5	5 13C9-PFNA	1800361-08 WI-A06-FB01-022118 0.11...	1.07e4	55.0	NO
6	6 13C4-PFOS	1800361-08 WI-A06-FB01-022118 0.11...	2.76e3	77.1	NO
7	7 13C6-PFDA	1800361-08 WI-A06-FB01-022118 0.11...	1.14e4	73.1	NO
8	8 13C7-PFUDa	1800361-08 WI-A06-FB01-022118 0.11...	1.29e4	61.4	NO

**Name: 180312M1\_28, Date: 13-Mar-2018, Time: 02:48:05, ID: 1800361-09 WI-A06-MW-01-0218 0.12063, Description: WI-A06-MW-01-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-09 WI-A06-MW-01-0218 0.12...	4.38e3	66.2	NO
2	2 13C5-PFHxA	1800361-09 WI-A06-MW-01-0218 0.12...	7.58e3	41.4	YES
3	3 13C3-PFHxS	1800361-09 WI-A06-MW-01-0218 0.12...	2.67e3	79.8	NO
4	4 13C8-PFOA	1800361-09 WI-A06-MW-01-0218 0.12...	9.79e3	53.8	NO
5	5 13C9-PFNA	1800361-09 WI-A06-MW-01-0218 0.12...	9.73e3	50.2	NO
6	6 13C4-PFOS	1800361-09 WI-A06-MW-01-0218 0.12...	2.60e3	72.6	NO
7	7 13C6-PFDA	1800361-09 WI-A06-MW-01-0218 0.12...	8.40e3	54.0	NO
8	8 13C7-PFUDa	1800361-09 WI-A06-MW-01-0218 0.12...	9.57e3	45.7	YES

**Name: 180312M1\_29, Date: 13-Mar-2018, Time: 02:59:35, ID: 1800361-10 WI-A06-EB01-022118 0.12144, Description: WI-A06-EB01-022118**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-10 WI-A06-EB01-022118 0.12...	8.30e3	125.4	NO
2	2 13C5-PFHxA	1800361-10 WI-A06-EB01-022118 0.12...	1.19e4	64.8	NO
3	3 13C3-PFHxS	1800361-10 WI-A06-EB01-022118 0.12...	2.59e3	77.5	NO
4	4 13C8-PFOA	1800361-10 WI-A06-EB01-022118 0.12...	1.23e4	67.6	NO
5	5 13C9-PFNA	1800361-10 WI-A06-EB01-022118 0.12...	1.26e4	65.1	NO
6	6 13C4-PFOS	1800361-10 WI-A06-EB01-022118 0.12...	2.96e3	82.6	NO
7	7 13C6-PFDA	1800361-10 WI-A06-EB01-022118 0.12...	1.07e4	68.7	NO
8	8 13C7-PFUDa	1800361-10 WI-A06-EB01-022118 0.12...	1.34e4	64.0	NO

**Name: 180312M1\_30, Date: 13-Mar-2018, Time: 03:11:01, ID: IPA, Description: IPA**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

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**Name: 180312M1\_31, Date: 13-Mar-2018, Time: 03:22:31, ID: ST180312M1-11 PFC CS3 18B2818, Description: PFC CS3 18B2818**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180312M1-11 PFC CS3 18B2818	6.73e3	101.6	NO
2	2 13C5-PFHxA	ST180312M1-11 PFC CS3 18B2818	1.87e4	102.5	NO
3	3 13C3-PFHxS	ST180312M1-11 PFC CS3 18B2818	3.68e3	110.0	NO
4	4 13C8-PFOA	ST180312M1-11 PFC CS3 18B2818	1.77e4	97.1	NO
5	5 13C9-PFNA	ST180312M1-11 PFC CS3 18B2818	1.90e4	97.8	NO
6	6 13C4-PFOS	ST180312M1-11 PFC CS3 18B2818	3.84e3	107.3	NO
7	7 13C6-PFDA	ST180312M1-11 PFC CS3 18B2818	1.47e4	94.3	NO
8	8 13C7-PFUDa	ST180312M1-11 PFC CS3 18B2818	2.03e4	96.8	NO

**Name: 180312M1\_32, Date: 13-Mar-2018, Time: 03:34:01, ID: IPA, Description: IPA**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	5.50e0	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA	7.19e0	0.0	YES
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

**Name: 180312M1\_33, Date: 13-Mar-2018, Time: 03:45:28, ID: B8C0006-BS1 OPR 0.25, Description: OPR**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0006-BS1 OPR 0.25	9.04e3	136.5	NO
2	2 13C5-PFHxA	B8C0006-BS1 OPR 0.25	1.25e4	68.2	NO
3	3 13C3-PFHxS	B8C0006-BS1 OPR 0.25	2.58e3	77.3	NO
4	4 13C8-PFOA	B8C0006-BS1 OPR 0.25	1.31e4	71.8	NO
5	5 13C9-PFNA	B8C0006-BS1 OPR 0.25	1.50e4	77.3	NO
6	6 13C4-PFOS	B8C0006-BS1 OPR 0.25	2.63e3	73.4	NO
7	7 13C6-PFDA	B8C0006-BS1 OPR 0.25	1.04e4	67.2	NO
8	8 13C7-PFUDa	B8C0006-BS1 OPR 0.25	1.25e4	59.7	NO

**Name: 180312M1\_34, Date: 13-Mar-2018, Time: 03:56:55, ID: B8C0006-BSD1 LCSD 0.25, Description: LCSD**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0006-BSD1 LCSD 0.25	8.99e3	135.8	NO
2	2 13C5-PFHxA	B8C0006-BSD1 LCSD 0.25	1.32e4	72.2	NO
3	3 13C3-PFHxS	B8C0006-BSD1 LCSD 0.25	2.61e3	78.1	NO
4	4 13C8-PFOA	B8C0006-BSD1 LCSD 0.25	1.24e4	68.1	NO
5	5 13C9-PFNA	B8C0006-BSD1 LCSD 0.25	1.28e4	65.9	NO
6	6 13C4-PFOS	B8C0006-BSD1 LCSD 0.25	2.88e3	80.4	NO
7	7 13C6-PFDA	B8C0006-BSD1 LCSD 0.25	1.01e4	64.8	NO
8	8 13C7-PFUDa	B8C0006-BSD1 LCSD 0.25	1.40e4	66.8	NO

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**Name: 180312M1\_35, Date: 13-Mar-2018, Time: 04:08:22, ID: B8C0006-BLK1 Method Blank 0.25, Description: Method Blank**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0006-BLK1 Method Blank 0.25	9.01e3	136.2	NO
2	2 13C5-PFHxA	B8C0006-BLK1 Method Blank 0.25	1.29e4	70.6	NO
3	3 13C3-PFHxS	B8C0006-BLK1 Method Blank 0.25	2.58e3	77.1	NO
4	4 13C8-PFOA	B8C0006-BLK1 Method Blank 0.25	1.27e4	70.0	NO
5	5 13C9-PFNA	B8C0006-BLK1 Method Blank 0.25	1.12e4	57.9	NO
6	6 13C4-PFOS	B8C0006-BLK1 Method Blank 0.25	2.63e3	73.3	NO
7	7 13C6-PFDA	B8C0006-BLK1 Method Blank 0.25	8.48e3	54.5	NO
8	8 13C7-PFUDa	B8C0006-BLK1 Method Blank 0.25	8.17e3	39.0	YES

**Name: 180312M1\_36, Date: 13-Mar-2018, Time: 04:19:48, ID: 1800367-01 WI-A06-EB01-0218 0.12311, Description: WI-A06-EB01-0218**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-01 WI-A06-EB01-0218 0.12311	9.09e3	137.3	NO
2	2 13C5-PFHxA	1800367-01 WI-A06-EB01-0218 0.12311	1.32e4	72.3	NO
3	3 13C3-PFHxS	1800367-01 WI-A06-EB01-0218 0.12311	2.73e3	81.7	NO
4	4 13C8-PFOA	1800367-01 WI-A06-EB01-0218 0.12311	1.36e4	74.6	NO
5	5 13C9-PFNA	1800367-01 WI-A06-EB01-0218 0.12311	1.25e4	64.5	NO
6	6 13C4-PFOS	1800367-01 WI-A06-EB01-0218 0.12311	2.78e3	77.5	NO
7	7 13C6-PFDA	1800367-01 WI-A06-EB01-0218 0.12311	1.15e4	73.7	NO
8	8 13C7-PFUDa	1800367-01 WI-A06-EB01-0218 0.12311	1.33e4	63.6	NO

**Name: 180312M1\_37, Date: 13-Mar-2018, Time: 04:31:16, ID: 1800367-02 WI-A06-MW03B-0218 0.11921, Description: WI-A06-MW03B-0218**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-02 WI-A06-MW03B-0218 0.11...	8.85e3	133.8	NO
2	2 13C5-PFHxA	1800367-02 WI-A06-MW03B-0218 0.11...	1.29e4	70.6	NO
3	3 13C3-PFHxS	1800367-02 WI-A06-MW03B-0218 0.11...	2.60e3	77.8	NO
4	4 13C8-PFOA	1800367-02 WI-A06-MW03B-0218 0.11...	1.36e4	75.0	NO
5	5 13C9-PFNA	1800367-02 WI-A06-MW03B-0218 0.11...	1.34e4	69.2	NO
6	6 13C4-PFOS	1800367-02 WI-A06-MW03B-0218 0.11...	2.54e3	71.0	NO
7	7 13C6-PFDA	1800367-02 WI-A06-MW03B-0218 0.11...	9.68e3	62.2	NO
8	8 13C7-PFUDa	1800367-02 WI-A06-MW03B-0218 0.11...	1.18e4	56.6	NO

**Name: 180312M1\_38, Date: 13-Mar-2018, Time: 04:42:43, ID: 1800367-03 WI-A06-FB01-022218 0.12396, Description: WI-A06-FB01-022218**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-03 WI-A06-FB01-022218 0.12...	8.82e3	133.3	NO
2	2 13C5-PFHxA	1800367-03 WI-A06-FB01-022218 0.12...	1.29e4	70.8	NO
3	3 13C3-PFHxS	1800367-03 WI-A06-FB01-022218 0.12...	2.72e3	81.4	NO
4	4 13C8-PFOA	1800367-03 WI-A06-FB01-022218 0.12...	1.31e4	72.0	NO
5	5 13C9-PFNA	1800367-03 WI-A06-FB01-022218 0.12...	1.31e4	67.3	NO
6	6 13C4-PFOS	1800367-03 WI-A06-FB01-022218 0.12...	2.73e3	76.3	NO
7	7 13C6-PFDA	1800367-03 WI-A06-FB01-022218 0.12...	9.74e3	62.6	NO
8	8 13C7-PFUDa	1800367-03 WI-A06-FB01-022218 0.12...	1.17e4	55.9	NO

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**Name: 180312M1\_39, Date: 13-Mar-2018, Time: 04:54:12, ID: 1800367-04 WI-A06-6-S-02-0218 0.11895,**  
**Description: WI-A06-6-S-02-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-04 WI-A06-6-S-02-0218 0.118...	9.03e3	136.4	NO
2	2 13C5-PFHxA	1800367-04 WI-A06-6-S-02-0218 0.118...	1.29e4	70.5	NO
3	3 13C3-PFHxS	1800367-04 WI-A06-6-S-02-0218 0.118...	2.94e3	87.8	NO
4	4 13C8-PFOA	1800367-04 WI-A06-6-S-02-0218 0.118...	1.30e4	71.3	NO
5	5 13C9-PFNA	1800367-04 WI-A06-6-S-02-0218 0.118...	1.27e4	65.8	NO
6	6 13C4-PFOS	1800367-04 WI-A06-6-S-02-0218 0.118...	2.40e3	67.1	NO
7	7 13C6-PFDA	1800367-04 WI-A06-6-S-02-0218 0.118...	8.41e3	54.1	NO
8	8 13C7-PFUDa	1800367-04 WI-A06-6-S-02-0218 0.118...	7.99e3	38.2	YES

**Name: 180312M1\_40, Date: 13-Mar-2018, Time: 05:05:42, ID: 1800367-05 WI-A06-6-S-05-0218 0.12239,**  
**Description: WI-A06-6-S-05-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-05 WI-A06-6-S-05-0218 0.122...	8.40e3	126.9	NO
2	2 13C5-PFHxA	1800367-05 WI-A06-6-S-05-0218 0.122...	1.15e4	63.0	NO
3	3 13C3-PFHxS	1800367-05 WI-A06-6-S-05-0218 0.122...	2.60e3	77.8	NO
4	4 13C8-PFOA	1800367-05 WI-A06-6-S-05-0218 0.122...	1.32e4	72.3	NO
5	5 13C9-PFNA	1800367-05 WI-A06-6-S-05-0218 0.122...	1.06e4	54.5	NO
6	6 13C4-PFOS	1800367-05 WI-A06-6-S-05-0218 0.122...	2.47e3	68.9	NO
7	7 13C6-PFDA	1800367-05 WI-A06-6-S-05-0218 0.122...	1.08e4	69.1	NO
8	8 13C7-PFUDa	1800367-05 WI-A06-6-S-05-0218 0.122...	1.20e4	57.3	NO

**Name: 180312M1\_41, Date: 13-Mar-2018, Time: 05:17:12, ID: 1800367-06 WI-A06-6-S-05P-0218 0.12532,**  
**Description: WI-A06-6-S-05P-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-06 WI-A06-6-S-05P-0218 0.12...	8.84e3	133.6	NO
2	2 13C5-PFHxA	1800367-06 WI-A06-6-S-05P-0218 0.12...	1.18e4	64.3	NO
3	3 13C3-PFHxS	1800367-06 WI-A06-6-S-05P-0218 0.12...	2.72e3	81.4	NO
4	4 13C8-PFOA	1800367-06 WI-A06-6-S-05P-0218 0.12...	1.33e4	73.0	NO
5	5 13C9-PFNA	1800367-06 WI-A06-6-S-05P-0218 0.12...	1.27e4	65.6	NO
6	6 13C4-PFOS	1800367-06 WI-A06-6-S-05P-0218 0.12...	2.59e3	72.2	NO
7	7 13C6-PFDA	1800367-06 WI-A06-6-S-05P-0218 0.12...	1.05e4	67.3	NO
8	8 13C7-PFUDa	1800367-06 WI-A06-6-S-05P-0218 0.12...	1.20e4	57.2	NO

**Name: 180312M1\_42, Date: 13-Mar-2018, Time: 05:28:38, ID: 1800367-07 WI-A06-FB01-022318 0.12195,**  
**Description: WI-A06-FB01-022318**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-07 WI-A06-FB01-022318 0.12...	8.42e3	127.2	NO
2	2 13C5-PFHxA	1800367-07 WI-A06-FB01-022318 0.12...	1.21e4	66.1	NO
3	3 13C3-PFHxS	1800367-07 WI-A06-FB01-022318 0.12...	2.64e3	78.9	NO
4	4 13C8-PFOA	1800367-07 WI-A06-FB01-022318 0.12...	1.18e4	64.9	NO
5	5 13C9-PFNA	1800367-07 WI-A06-FB01-022318 0.12...	1.29e4	66.5	NO
6	6 13C4-PFOS	1800367-07 WI-A06-FB01-022318 0.12...	2.83e3	78.9	NO
7	7 13C6-PFDA	1800367-07 WI-A06-FB01-022318 0.12...	9.38e3	60.3	NO
8	8 13C7-PFUDa	1800367-07 WI-A06-FB01-022318 0.12...	1.13e4	53.8	NO

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**Name: 180312M1\_43, Date: 13-Mar-2018, Time: 05:40:09, ID: 1800367-08 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-08 WI-A06-EB01-022318 0.12...	8.45e3	127.6	NO
2	2 13C5-PFHxA	1800367-08 WI-A06-EB01-022318 0.12...	1.20e4	65.6	NO
3	3 13C3-PFHxS	1800367-08 WI-A06-EB01-022318 0.12...	2.14e3	63.9	NO
4	4 13C8-PFOA	1800367-08 WI-A06-EB01-022318 0.12...	1.15e4	63.2	NO
5	5 13C9-PFNA	1800367-08 WI-A06-EB01-022318 0.12...	1.27e4	65.5	NO
6	6 13C4-PFOS	1800367-08 WI-A06-EB01-022318 0.12...	2.64e3	73.5	NO
7	7 13C6-PFDA	1800367-08 WI-A06-EB01-022318 0.12...	8.63e3	55.5	NO
8	8 13C7-PFUDa	1800367-08 WI-A06-EB01-022318 0.12...	1.18e4	56.3	NO

**Name: 180312M1\_44, Date: 13-Mar-2018, Time: 05:51:38, ID: 1800369-01 GW2630180222RAP 0.25761, Description: GW2630180222RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800369-01 GW2630180222RAP 0.257...	8.62e3	130.2	NO
2	2 13C5-PFHxA	1800369-01 GW2630180222RAP 0.257...	1.15e4	62.9	NO
3	3 13C3-PFHxS	1800369-01 GW2630180222RAP 0.257...	2.42e3	72.4	NO
4	4 13C8-PFOA	1800369-01 GW2630180222RAP 0.257...	1.19e4	65.6	NO
5	5 13C9-PFNA	1800369-01 GW2630180222RAP 0.257...	1.37e4	70.7	NO
6	6 13C4-PFOS	1800369-01 GW2630180222RAP 0.257...	2.77e3	77.4	NO
7	7 13C6-PFDA	1800369-01 GW2630180222RAP 0.257...	1.03e4	65.9	NO
8	8 13C7-PFUDa	1800369-01 GW2630180222RAP 0.257...	1.26e4	60.2	NO

**Name: 180312M1\_45, Date: 13-Mar-2018, Time: 06:03:07, ID: 1800369-02 GW3640180222RAP 0.24942, Description: GW3640180222RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800369-02 GW3640180222RAP 0.249...	8.97e3	135.5	NO
2	2 13C5-PFHxA	1800369-02 GW3640180222RAP 0.249...	1.25e4	68.5	NO
3	3 13C3-PFHxS	1800369-02 GW3640180222RAP 0.249...	2.63e3	78.6	NO
4	4 13C8-PFOA	1800369-02 GW3640180222RAP 0.249...	1.35e4	74.3	NO
5	5 13C9-PFNA	1800369-02 GW3640180222RAP 0.249...	1.21e4	62.4	NO
6	6 13C4-PFOS	1800369-02 GW3640180222RAP 0.249...	2.56e3	71.4	NO
7	7 13C6-PFDA	1800369-02 GW3640180222RAP 0.249...	9.44e3	60.7	NO
8	8 13C7-PFUDa	1800369-02 GW3640180222RAP 0.249...	1.10e4	52.4	NO

**Name: 180312M1\_46, Date: 13-Mar-2018, Time: 06:14:37, ID: 1800369-03 GW4650180223RAP 0.2611, Description: GW4650180223RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800369-03 GW4650180223RAP 0.2611	8.95e3	135.2	NO
2	2 13C5-PFHxA	1800369-03 GW4650180223RAP 0.2611	1.34e4	73.4	NO
3	3 13C3-PFHxS	1800369-03 GW4650180223RAP 0.2611	2.62e3	78.2	NO
4	4 13C8-PFOA	1800369-03 GW4650180223RAP 0.2611	1.33e4	73.0	NO
5	5 13C9-PFNA	1800369-03 GW4650180223RAP 0.2611	1.51e4	78.0	NO
6	6 13C4-PFOS	1800369-03 GW4650180223RAP 0.2611	2.93e3	81.8	NO
7	7 13C6-PFDA	1800369-03 GW4650180223RAP 0.2611	1.11e4	71.2	NO
8	8 13C7-PFUDa	1800369-03 GW4650180223RAP 0.2611	1.44e4	69.0	NO

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**Name: 180312M1\_47, Date: 13-Mar-2018, Time: 06:26:06, ID: 1800370-01 WR1802230920JLB 0.27194, Description: WR1802230920JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-01 WR1802230920JLB 0.27194	9.45e3	142.8	NO
2	2 13C5-PFHxA	1800370-01 WR1802230920JLB 0.27194	1.36e4	74.2	NO
3	3 13C3-PFHxS	1800370-01 WR1802230920JLB 0.27194	2.90e3	86.8	NO
4	4 13C8-PFOA	1800370-01 WR1802230920JLB 0.27194	1.35e4	74.0	NO
5	5 13C9-PFNA	1800370-01 WR1802230920JLB 0.27194	1.31e4	67.6	NO
6	6 13C4-PFOS	1800370-01 WR1802230920JLB 0.27194	3.05e3	85.1	NO
7	7 13C6-PFDA	1800370-01 WR1802230920JLB 0.27194	1.04e4	66.7	NO
8	8 13C7-PFUDa	1800370-01 WR1802230920JLB 0.27194	1.16e4	55.3	NO

**Name: 180312M1\_48, Date: 13-Mar-2018, Time: 06:37:35, ID: 1800370-02 WR1802230950JLB 0.27055, Description: WR1802230950JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-02 WR1802230950JLB 0.27055	8.63e3	130.4	NO
2	2 13C5-PFHxA	1800370-02 WR1802230950JLB 0.27055	1.31e4	71.4	NO
3	3 13C3-PFHxS	1800370-02 WR1802230950JLB 0.27055	2.57e3	76.9	NO
4	4 13C8-PFOA	1800370-02 WR1802230950JLB 0.27055	1.19e4	65.3	NO
5	5 13C9-PFNA	1800370-02 WR1802230950JLB 0.27055	1.32e4	68.0	NO
6	6 13C4-PFOS	1800370-02 WR1802230950JLB 0.27055	2.73e3	76.1	NO
7	7 13C6-PFDA	1800370-02 WR1802230950JLB 0.27055	9.74e3	62.6	NO
8	8 13C7-PFUDa	1800370-02 WR1802230950JLB 0.27055	1.24e4	59.4	NO

**Name: 180312M1\_49, Date: 13-Mar-2018, Time: 06:49:04, ID: 1800370-03 WR1802231025JLB 0.25444, Description: WR1802231025JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-03 WR1802231025JLB 0.25444	7.93e3	119.8	NO
2	2 13C5-PFHxA	1800370-03 WR1802231025JLB 0.25444	1.17e4	64.2	NO
3	3 13C3-PFHxS	1800370-03 WR1802231025JLB 0.25444	2.44e3	73.1	NO
4	4 13C8-PFOA	1800370-03 WR1802231025JLB 0.25444	1.20e4	65.7	NO
5	5 13C9-PFNA	1800370-03 WR1802231025JLB 0.25444	1.28e4	66.3	NO
6	6 13C4-PFOS	1800370-03 WR1802231025JLB 0.25444	2.79e3	77.7	NO
7	7 13C6-PFDA	1800370-03 WR1802231025JLB 0.25444	1.11e4	71.3	NO
8	8 13C7-PFUDa	1800370-03 WR1802231025JLB 0.25444	1.25e4	59.5	NO

**Name: 180312M1\_50, Date: 13-Mar-2018, Time: 07:00:31, 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: 180312M1\_51, Date: 13-Mar-2018, Time: 07:12:00, ID: ST180312M1-12 PFC CS3 18B2818, Description: PFC CS3 18B2818

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180312M1-12 PFC CS3 18B2818	7.21e3	108.9	NO
2	2 13C5-PFHxA	ST180312M1-12 PFC CS3 18B2818	1.96e4	107.1	NO
3	3 13C3-PFHxS	ST180312M1-12 PFC CS3 18B2818	4.27e3	127.8	NO
4	4 13C8-PFOA	ST180312M1-12 PFC CS3 18B2818	1.97e4	108.4	NO
5	5 13C9-PFNA	ST180312M1-12 PFC CS3 18B2818	2.19e4	112.9	NO
6	6 13C4-PFOS	ST180312M1-12 PFC CS3 18B2818	4.25e3	118.6	NO
7	7 13C6-PFDA	ST180312M1-12 PFC CS3 18B2818	1.57e4	100.8	NO
8	8 13C7-PFUDa	ST180312M1-12 PFC CS3 18B2818	1.75e4	83.7	NO

Name: 180312M1\_52, Date: 13-Mar-2018, Time: 07:23:29, 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	1.05e1	0.1	YES
5	5 13C9-PFNA	IPA	5.04e0	0.0	YES
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 180312M1\_53, Date: 13-Mar-2018, Time: 07:34:58, ID: 1800370-04 FB1802231030JLB 0.23963, Description: FB1802231030JLB

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-04 FB1802231030JLB 0.23963	8.61e3	130.0	NO
2	2 13C5-PFHxA	1800370-04 FB1802231030JLB 0.23963	1.15e4	62.6	NO
3	3 13C3-PFHxS	1800370-04 FB1802231030JLB 0.23963	2.63e3	78.6	NO
4	4 13C8-PFOA	1800370-04 FB1802231030JLB 0.23963	1.22e4	67.0	NO
5	5 13C9-PFNA	1800370-04 FB1802231030JLB 0.23963	1.22e4	62.9	NO
6	6 13C4-PFOS	1800370-04 FB1802231030JLB 0.23963	2.62e3	73.2	NO
7	7 13C6-PFDA	1800370-04 FB1802231030JLB 0.23963	7.17e3	46.1	YES
8	8 13C7-PFUDa	1800370-04 FB1802231030JLB 0.23963	8.94e3	42.7	YES

Name: 180312M1\_54, Date: 13-Mar-2018, Time: 07:46:28, ID: 1800370-05 WR1802231120JLB 0.27209, Description: WR1802231120JLB

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-05 WR1802231120JLB 0.27209	8.44e3	127.6	NO
2	2 13C5-PFHxA	1800370-05 WR1802231120JLB 0.27209	1.23e4	67.5	NO
3	3 13C3-PFHxS	1800370-05 WR1802231120JLB 0.27209	2.52e3	75.3	NO
4	4 13C8-PFOA	1800370-05 WR1802231120JLB 0.27209	1.19e4	65.4	NO
5	5 13C9-PFNA	1800370-05 WR1802231120JLB 0.27209	1.30e4	67.2	NO
6	6 13C4-PFOS	1800370-05 WR1802231120JLB 0.27209	2.74e3	76.3	NO
7	7 13C6-PFDA	1800370-05 WR1802231120JLB 0.27209	9.68e3	62.2	NO
8	8 13C7-PFUDa	1800370-05 WR1802231120JLB 0.27209	1.19e4	57.1	NO

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**Name: 180312M1\_55, Date: 13-Mar-2018, Time: 07:57:57, ID: 1800370-06 WR1802231155JLB 0.255,**  
**Description: WR1802231155JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-06 WR1802231155JLB 0.255	8.73e3	131.8	NO
2	2 13C5-PFHxA	1800370-06 WR1802231155JLB 0.255	1.21e4	66.2	NO
3	3 13C3-PFHxS	1800370-06 WR1802231155JLB 0.255	2.49e3	74.6	NO
4	4 13C8-PFOA	1800370-06 WR1802231155JLB 0.255	1.01e4	55.6	NO
5	5 13C9-PFNA	1800370-06 WR1802231155JLB 0.255	1.25e4	64.4	NO
6	6 13C4-PFOS	1800370-06 WR1802231155JLB 0.255	2.62e3	73.0	NO
7	7 13C6-PFDA	1800370-06 WR1802231155JLB 0.255	7.60e3	48.9	YES
8	8 13C7-PFUDa	1800370-06 WR1802231155JLB 0.255	7.36e3	35.1	YES

**Name: 180312M1\_56, Date: 13-Mar-2018, Time: 08:09:24, ID: 1800370-07 WT1802261035JLB 0.27331,**  
**Description: WT1802261035JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-07 WT1802261035JLB 0.27331	7.83e3	118.2	NO
2	2 13C5-PFHxA	1800370-07 WT1802261035JLB 0.27331	1.09e4	59.8	NO
3	3 13C3-PFHxS	1800370-07 WT1802261035JLB 0.27331	2.47e3	73.8	NO
4	4 13C8-PFOA	1800370-07 WT1802261035JLB 0.27331	1.01e4	55.7	NO
5	5 13C9-PFNA	1800370-07 WT1802261035JLB 0.27331	9.82e3	50.7	NO
6	6 13C4-PFOS	1800370-07 WT1802261035JLB 0.27331	2.27e3	63.4	NO
7	7 13C6-PFDA	1800370-07 WT1802261035JLB 0.27331	7.98e3	51.3	NO
8	8 13C7-PFUDa	1800370-07 WT1802261035JLB 0.27331	8.47e3	40.5	YES

**Name: 180312M1\_57, Date: 13-Mar-2018, Time: 08:20:54, ID: 1800370-08 WT1802261100JLB 0.27258,**  
**Description: WT1802261100JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-08 WT1802261100JLB 0.27258	9.02e3	136.2	NO
2	2 13C5-PFHxA	1800370-08 WT1802261100JLB 0.27258	1.25e4	68.1	NO
3	3 13C3-PFHxS	1800370-08 WT1802261100JLB 0.27258	2.76e3	82.5	NO
4	4 13C8-PFOA	1800370-08 WT1802261100JLB 0.27258	1.32e4	72.5	NO
5	5 13C9-PFNA	1800370-08 WT1802261100JLB 0.27258	1.36e4	69.9	NO
6	6 13C4-PFOS	1800370-08 WT1802261100JLB 0.27258	3.16e3	88.2	NO
7	7 13C6-PFDA	1800370-08 WT1802261100JLB 0.27258	1.05e4	67.7	NO
8	8 13C7-PFUDa	1800370-08 WT1802261100JLB 0.27258	1.29e4	61.5	NO

**Name: 180312M1\_58, Date: 13-Mar-2018, Time: 08:32:21, ID: 1800370-09 WR1802261125JLB 0.25932,**  
**Description: WR1802261125JLB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800370-09 WR1802261125JLB 0.25932	8.37e3	126.4	NO
2	2 13C5-PFHxA	1800370-09 WR1802261125JLB 0.25932	1.24e4	68.0	NO
3	3 13C3-PFHxS	1800370-09 WR1802261125JLB 0.25932	2.53e3	75.5	NO
4	4 13C8-PFOA	1800370-09 WR1802261125JLB 0.25932	1.28e4	70.6	NO
5	5 13C9-PFNA	1800370-09 WR1802261125JLB 0.25932	1.28e4	66.1	NO
6	6 13C4-PFOS	1800370-09 WR1802261125JLB 0.25932	2.81e3	78.3	NO
7	7 13C6-PFDA	1800370-09 WR1802261125JLB 0.25932	9.88e3	63.5	NO
8	8 13C7-PFUDa	1800370-09 WR1802261125JLB 0.25932	1.24e4	59.4	NO



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**Name: 180312M1\_59, Date: 13-Mar-2018, Time: 08:43:50, ID: B8C0034-BLK1 Method Blank 1, Description: Method Blank**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0034-BLK1 Method Blank 1	8.59e3	129.8	NO
2	2 13C5-PFHxA	B8C0034-BLK1 Method Blank 1	1.29e4	70.4	NO
3	3 13C3-PFHxS	B8C0034-BLK1 Method Blank 1	3.29e3	98.5	NO
4	4 13C8-PFOA	B8C0034-BLK1 Method Blank 1	1.39e4	76.3	NO
5	5 13C9-PFNA	B8C0034-BLK1 Method Blank 1	1.53e4	78.7	NO
6	6 13C4-PFOS	B8C0034-BLK1 Method Blank 1	3.42e3	95.4	NO
7	7 13C6-PFDA	B8C0034-BLK1 Method Blank 1	1.15e4	73.6	NO
8	8 13C7-PFUDa	B8C0034-BLK1 Method Blank 1	1.55e4	73.9	NO

**Name: 180312M1\_60, Date: 13-Mar-2018, Time: 08:55:17, ID: IPA, Description: IPA**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	7.76e0	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: 180312M1\_61, Date: 13-Mar-2018, Time: 09:06:47, ID: ST180312M1-13 PFC CS3 18B2818, Description: PFC CS3 18B2818**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180312M1-13 PFC CS3 18B2818	7.06e3	106.7	NO
2	2 13C5-PFHxA	ST180312M1-13 PFC CS3 18B2818	1.84e4	100.7	NO
3	3 13C3-PFHxS	ST180312M1-13 PFC CS3 18B2818	3.75e3	112.3	NO
4	4 13C8-PFOA	ST180312M1-13 PFC CS3 18B2818	1.85e4	101.6	NO
5	5 13C9-PFNA	ST180312M1-13 PFC CS3 18B2818	2.14e4	110.3	NO
6	6 13C4-PFOS	ST180312M1-13 PFC CS3 18B2818	4.29e3	119.6	NO
7	7 13C6-PFDA	ST180312M1-13 PFC CS3 18B2818	1.75e4	112.8	NO
8	8 13C7-PFUDa	ST180312M1-13 PFC CS3 18B2818	1.99e4	94.9	NO

**Name: 180312M1\_62, Date: 13-Mar-2018, Time: 09:18:16, ID: ST180312M1-14 PFC CS0 18B2815, Description: PFC CS0 18B2815**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180312M1-14 PFC CS0 18B2815	7.15e3	108.1	NO
2	2 13C5-PFHxA	ST180312M1-14 PFC CS0 18B2815	1.95e4	106.7	NO
3	3 13C3-PFHxS	ST180312M1-14 PFC CS0 18B2815	4.25e3	127.0	NO
4	4 13C8-PFOA	ST180312M1-14 PFC CS0 18B2815	2.03e4	111.7	NO
5	5 13C9-PFNA	ST180312M1-14 PFC CS0 18B2815	2.07e4	106.8	NO
6	6 13C4-PFOS	ST180312M1-14 PFC CS0 18B2815	4.24e3	118.4	NO
7	7 13C6-PFDA	ST180312M1-14 PFC CS0 18B2815	1.57e4	101.0	NO
8	8 13C7-PFUDa	ST180312M1-14 PFC CS0 18B2815	2.03e4	96.7	NO

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**Name: 180312M1\_63, Date: 13-Mar-2018, Time: 09:29:46, ID: IPA, Description: IPA**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	7.78e0	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	5.70e0	0.0	YES
8	8 13C7-PFUdA	IPA			NO

**Name: 180312M1\_64, Date: 13-Mar-2018, Time: 09:50:53, ID: B8C0034-BS1 OPR 1, Description: OPR**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0034-BS1 OPR 1	8.19e3	123.8	NO
2	2 13C5-PFHxA	B8C0034-BS1 OPR 1	1.23e4	67.0	NO
3	3 13C3-PFHxS	B8C0034-BS1 OPR 1	3.16e3	94.5	NO
4	4 13C8-PFOA	B8C0034-BS1 OPR 1	1.40e4	77.2	NO
5	5 13C9-PFNA	B8C0034-BS1 OPR 1	1.73e4	89.4	NO
6	6 13C4-PFOS	B8C0034-BS1 OPR 1	2.52e3	70.4	NO
7	7 13C6-PFDA	B8C0034-BS1 OPR 1	1.42e4	91.2	NO
8	8 13C7-PFUdA	B8C0034-BS1 OPR 1	1.63e4	77.9	NO

**Name: 180312M1\_65, Date: 13-Mar-2018, Time: 10:02:16, ID: B8C0034-MS1 Matrix Spike 1.36, Description: Matrix Spike**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0034-MS1 Matrix Spike 1.36	6.99e3	105.6	NO
2	2 13C5-PFHxA	B8C0034-MS1 Matrix Spike 1.36	1.18e4	64.7	NO
3	3 13C3-PFHxS	B8C0034-MS1 Matrix Spike 1.36	3.23e3	96.6	NO
4	4 13C8-PFOA	B8C0034-MS1 Matrix Spike 1.36	1.24e4	68.3	NO
5	5 13C9-PFNA	B8C0034-MS1 Matrix Spike 1.36	1.35e4	69.7	NO
6	6 13C4-PFOS	B8C0034-MS1 Matrix Spike 1.36	3.23e3	90.1	NO
7	7 13C6-PFDA	B8C0034-MS1 Matrix Spike 1.36	1.24e4	79.7	NO
8	8 13C7-PFUdA	B8C0034-MS1 Matrix Spike 1.36	1.46e4	69.9	NO

**Name: 180312M1\_66, Date: 13-Mar-2018, Time: 10:13:43, ID: B8C0034-MSD1 Matrix Spike Dup 1.32, Description: Matrix Spike Dup**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0034-MSD1 Matrix Spike Dup 1.32	8.62e3	130.2	NO
2	2 13C5-PFHxA	B8C0034-MSD1 Matrix Spike Dup 1.32	1.24e4	67.9	NO
3	3 13C3-PFHxS	B8C0034-MSD1 Matrix Spike Dup 1.32	3.01e3	89.9	NO
4	4 13C8-PFOA	B8C0034-MSD1 Matrix Spike Dup 1.32	1.33e4	73.3	NO
5	5 13C9-PFNA	B8C0034-MSD1 Matrix Spike Dup 1.32	1.62e4	83.3	NO
6	6 13C4-PFOS	B8C0034-MSD1 Matrix Spike Dup 1.32	3.20e3	89.2	NO
7	7 13C6-PFDA	B8C0034-MSD1 Matrix Spike Dup 1.32	1.29e4	82.7	NO
8	8 13C7-PFUdA	B8C0034-MSD1 Matrix Spike Dup 1.32	1.37e4	65.2	NO

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**Name: 180312M1\_67, Date: 13-Mar-2018, Time: 10:25:09, ID: 1800386-01 WI-AF-IDW-SO1-022818 1.31, Description: WI-AF-IDW-SO1-022818**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800386-01 WI-AF-IDW-SO1-022818 1...	7.84e3	118.5	NO
2	2 13C5-PFHxA	1800386-01 WI-AF-IDW-SO1-022818 1...	1.24e4	67.8	NO
3	3 13C3-PFHxS	1800386-01 WI-AF-IDW-SO1-022818 1...	2.65e3	79.4	NO
4	4 13C8-PFOA	1800386-01 WI-AF-IDW-SO1-022818 1...	1.37e4	75.2	NO
5	5 13C9-PFNA	1800386-01 WI-AF-IDW-SO1-022818 1...	1.49e4	76.7	NO
6	6 13C4-PFOS	1800386-01 WI-AF-IDW-SO1-022818 1...	3.18e3	88.7	NO
7	7 13C6-PFDA	1800386-01 WI-AF-IDW-SO1-022818 1...	1.33e4	85.7	NO
8	8 13C7-PFUDa	1800386-01 WI-AF-IDW-SO1-022818 1...	1.54e4	73.4	NO

**Name: 180312M1\_68, Date: 13-Mar-2018, Time: 10:36:39, ID: 1800386-02 WI-AF-IDW-SO2-022818 1.31, Description: WI-AF-IDW-SO2-022818**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800386-02 WI-AF-IDW-SO2-022818 1...	7.48e3	113.0	NO
2	2 13C5-PFHxA	1800386-02 WI-AF-IDW-SO2-022818 1...	1.19e4	64.9	NO
3	3 13C3-PFHxS	1800386-02 WI-AF-IDW-SO2-022818 1...	3.07e3	91.8	NO
4	4 13C8-PFOA	1800386-02 WI-AF-IDW-SO2-022818 1...	1.25e4	68.7	NO
5	5 13C9-PFNA	1800386-02 WI-AF-IDW-SO2-022818 1...	1.62e4	83.5	NO
6	6 13C4-PFOS	1800386-02 WI-AF-IDW-SO2-022818 1...	2.66e3	74.3	NO
7	7 13C6-PFDA	1800386-02 WI-AF-IDW-SO2-022818 1...	1.17e4	75.2	NO
8	8 13C7-PFUDa	1800386-02 WI-AF-IDW-SO2-022818 1...	1.48e4	70.7	NO

**Name: 180312M1\_69, Date: 13-Mar-2018, Time: 10:48:05, ID: 1800386-03 WI-AF-IDW-SO3-022818 1.17, Description: WI-AF-IDW-SO3-022818**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800386-03 WI-AF-IDW-SO3-022818 1...	8.27e3	124.9	NO
2	2 13C5-PFHxA	1800386-03 WI-AF-IDW-SO3-022818 1...	1.30e4	71.0	NO
3	3 13C3-PFHxS	1800386-03 WI-AF-IDW-SO3-022818 1...	3.06e3	91.5	NO
4	4 13C8-PFOA	1800386-03 WI-AF-IDW-SO3-022818 1...	1.33e4	72.9	NO
5	5 13C9-PFNA	1800386-03 WI-AF-IDW-SO3-022818 1...	1.65e4	85.3	NO
6	6 13C4-PFOS	1800386-03 WI-AF-IDW-SO3-022818 1...	3.44e3	95.9	NO
7	7 13C6-PFDA	1800386-03 WI-AF-IDW-SO3-022818 1...	1.30e4	83.8	NO
8	8 13C7-PFUDa	1800386-03 WI-AF-IDW-SO3-022818 1...	1.67e4	80.0	NO

**Name: 180312M1\_70, Date: 13-Mar-2018, Time: 10:59:35, ID: B8C0035-BLK1 Method Blank 0.25, Description: Method Blank**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0035-BLK1 Method Blank 0.25	7.90e3	119.4	NO
2	2 13C5-PFHxA	B8C0035-BLK1 Method Blank 0.25	1.11e4	60.4	NO
3	3 13C3-PFHxS	B8C0035-BLK1 Method Blank 0.25	2.69e3	80.6	NO
4	4 13C8-PFOA	B8C0035-BLK1 Method Blank 0.25	1.25e4	68.6	NO
5	5 13C9-PFNA	B8C0035-BLK1 Method Blank 0.25	1.38e4	71.0	NO
6	6 13C4-PFOS	B8C0035-BLK1 Method Blank 0.25	3.14e3	87.6	NO
7	7 13C6-PFDA	B8C0035-BLK1 Method Blank 0.25	1.16e4	74.7	NO
8	8 13C7-PFUDa	B8C0035-BLK1 Method Blank 0.25	1.53e4	72.8	NO

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**Name: 180312M1\_71, Date: 13-Mar-2018, Time: 11:11:04, ID: B8C0035-BS1 OPR 0.25, Description: OPR**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0035-BS1 OPR 0.25	8.18e3	123.6	NO
2	2 13C5-PFHxA	B8C0035-BS1 OPR 0.25	1.16e4	63.2	NO
3	3 13C3-PFHxS	B8C0035-BS1 OPR 0.25	2.61e3	78.0	NO
4	4 13C8-PFOA	B8C0035-BS1 OPR 0.25	1.21e4	66.5	NO
5	5 13C9-PFNA	B8C0035-BS1 OPR 0.25	1.27e4	65.3	NO
6	6 13C4-PFOS	B8C0035-BS1 OPR 0.25	2.94e3	82.1	NO
7	7 13C6-PFDA	B8C0035-BS1 OPR 0.25	9.98e3	64.2	NO
8	8 13C7-PFUDa	B8C0035-BS1 OPR 0.25	1.39e4	66.4	NO

**Name: 180312M1\_72, Date: 13-Mar-2018, Time: 11:22:34, ID: 1800372-01 Lagoon (420-133404-1) 0.12004, Description: Lagoon (420-133404-1)**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800372-01 Lagoon (420-133404-1) 0.1...	9.82e3	148.4	NO
2	2 13C5-PFHxA	1800372-01 Lagoon (420-133404-1) 0.1...	1.48e4	80.9	NO
3	3 13C3-PFHxS	1800372-01 Lagoon (420-133404-1) 0.1...	3.04e3	90.8	NO
4	4 13C8-PFOA	1800372-01 Lagoon (420-133404-1) 0.1...	1.46e4	80.4	NO
5	5 13C9-PFNA	1800372-01 Lagoon (420-133404-1) 0.1...	1.44e4	74.2	NO
6	6 13C4-PFOS	1800372-01 Lagoon (420-133404-1) 0.1...	2.75e3	76.8	NO
7	7 13C6-PFDA	1800372-01 Lagoon (420-133404-1) 0.1...	1.26e4	81.0	NO
8	8 13C7-PFUDa	1800372-01 Lagoon (420-133404-1) 0.1...	1.49e4	71.3	NO

**Name: 180312M1\_73, Date: 13-Mar-2018, Time: 11:34:03, ID: 1800373-01 Military St, Baptist Church 0.25615, Description: Military St, Baptist Church**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800373-01 Military St, Baptist Church ...	9.96e3	150.5	YES
2	2 13C5-PFHxA	1800373-01 Military St, Baptist Church ...	1.59e4	87.1	NO
3	3 13C3-PFHxS	1800373-01 Military St, Baptist Church ...	3.62e3	108.4	NO
4	4 13C8-PFOA	1800373-01 Military St, Baptist Church ...	1.52e4	83.3	NO
5	5 13C9-PFNA	1800373-01 Military St, Baptist Church ...	1.60e4	82.8	NO
6	6 13C4-PFOS	1800373-01 Military St, Baptist Church ...	3.70e3	103.2	NO
7	7 13C6-PFDA	1800373-01 Military St, Baptist Church ...	1.42e4	91.3	NO
8	8 13C7-PFUDa	1800373-01 Military St, Baptist Church ...	1.68e4	80.0	NO

**Name: 180312M1\_74, Date: 13-Mar-2018, Time: 11:45:33, ID: 1800373-02 Field Blank 0.25593, Description: Field Blank**

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800373-02 Field Blank 0.25593	1.08e4	163.8	YES
2	2 13C5-PFHxA	1800373-02 Field Blank 0.25593	1.64e4	89.8	NO
3	3 13C3-PFHxS	1800373-02 Field Blank 0.25593	3.26e3	97.4	NO
4	4 13C8-PFOA	1800373-02 Field Blank 0.25593	1.69e4	92.8	NO
5	5 13C9-PFNA	1800373-02 Field Blank 0.25593	1.68e4	86.8	NO
6	6 13C4-PFOS	1800373-02 Field Blank 0.25593	3.81e3	106.3	NO
7	7 13C6-PFDA	1800373-02 Field Blank 0.25593	1.49e4	95.6	NO
8	8 13C7-PFUDa	1800373-02 Field Blank 0.25593	1.68e4	80.4	NO

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**Name: 180312M1\_75, Date: 13-Mar-2018, Time: 11:57:03, ID: 1800376-01 WT1802270825MK 0.27826, Description: WT1802270825MK**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800376-01 WT1802270825MK 0.27826	8.58e3	129.6	NO
2	2 13C5-PFHxA	1800376-01 WT1802270825MK 0.27826	1.31e4	71.5	NO
3	3 13C3-PFHxS	1800376-01 WT1802270825MK 0.27826	2.67e3	79.8	NO
4	4 13C8-PFOA	1800376-01 WT1802270825MK 0.27826	1.27e4	70.0	NO
5	5 13C9-PFNA	1800376-01 WT1802270825MK 0.27826	1.34e4	68.9	NO
6	6 13C4-PFOS	1800376-01 WT1802270825MK 0.27826	2.76e3	77.0	NO
7	7 13C6-PFDA	1800376-01 WT1802270825MK 0.27826	1.05e4	67.6	NO
8	8 13C7-PFUDa	1800376-01 WT1802270825MK 0.27826	1.24e4	59.3	NO

**Name: 180312M1\_76, Date: 13-Mar-2018, Time: 12:08:30, ID: 1800376-02 WT1802270925MK 0.27279, Description: WT1802270925MK**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800376-02 WT1802270925MK 0.27279	7.04e3	106.3	NO
2	2 13C5-PFHxA	1800376-02 WT1802270925MK 0.27279	1.06e4	57.9	NO
3	3 13C3-PFHxS	1800376-02 WT1802270925MK 0.27279	2.11e3	63.2	NO
4	4 13C8-PFOA	1800376-02 WT1802270925MK 0.27279	1.09e4	60.0	NO
5	5 13C9-PFNA	1800376-02 WT1802270925MK 0.27279	1.18e4	60.8	NO
6	6 13C4-PFOS	1800376-02 WT1802270925MK 0.27279	2.09e3	58.3	NO
7	7 13C6-PFDA	1800376-02 WT1802270925MK 0.27279	9.33e3	60.0	NO
8	8 13C7-PFUDa	1800376-02 WT1802270925MK 0.27279	1.08e4	51.8	NO

**Name: 180312M1\_77, Date: 13-Mar-2018, Time: 12:20:01, ID: 1800376-03 WT1802270940MK 0.2742, Description: WT1802270940MK**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800376-03 WT1802270940MK 0.2742	9.19e3	138.9	NO
2	2 13C5-PFHxA	1800376-03 WT1802270940MK 0.2742	1.30e4	71.3	NO
3	3 13C3-PFHxS	1800376-03 WT1802270940MK 0.2742	2.86e3	85.4	NO
4	4 13C8-PFOA	1800376-03 WT1802270940MK 0.2742	1.30e4	71.3	NO
5	5 13C9-PFNA	1800376-03 WT1802270940MK 0.2742	1.35e4	69.6	NO
6	6 13C4-PFOS	1800376-03 WT1802270940MK 0.2742	2.72e3	75.8	NO
7	7 13C6-PFDA	1800376-03 WT1802270940MK 0.2742	1.20e4	77.5	NO
8	8 13C7-PFUDa	1800376-03 WT1802270940MK 0.2742	1.52e4	72.7	NO

**Name: 180312M1\_78, Date: 13-Mar-2018, Time: 12:31:31, ID: 1800376-04 WT1802270955MK 0.28104, Description: WT1802270955MK**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800376-04 WT1802270955MK 0.28104	5.81e3	87.8	NO
2	2 13C5-PFHxA	1800376-04 WT1802270955MK 0.28104	1.01e4	55.1	NO
3	3 13C3-PFHxS	1800376-04 WT1802270955MK 0.28104	2.39e3	71.4	NO
4	4 13C8-PFOA	1800376-04 WT1802270955MK 0.28104	1.10e4	60.7	NO
5	5 13C9-PFNA	1800376-04 WT1802270955MK 0.28104	1.14e4	59.1	NO
6	6 13C4-PFOS	1800376-04 WT1802270955MK 0.28104	2.85e3	79.5	NO
7	7 13C6-PFDA	1800376-04 WT1802270955MK 0.28104	1.08e4	69.6	NO
8	8 13C7-PFUDa	1800376-04 WT1802270955MK 0.28104	9.87e3	47.1	YES

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**Name: 180312M1\_79, Date: 13-Mar-2018, Time: 12:42:58, ID: 1800397-01 GW1216180226RAP 0.25954, Description: GW1216180226RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800397-01 GW1216180226RAP 0.259...	8.86e3	133.9	NO
2	2 13C5-PFHxA	1800397-01 GW1216180226RAP 0.259...	1.37e4	74.9	NO
3	3 13C3-PFHxS	1800397-01 GW1216180226RAP 0.259...	3.16e3	94.4	NO
4	4 13C8-PFOA	1800397-01 GW1216180226RAP 0.259...	1.36e4	74.7	NO
5	5 13C9-PFNA	1800397-01 GW1216180226RAP 0.259...	1.61e4	82.8	NO
6	6 13C4-PFOS	1800397-01 GW1216180226RAP 0.259...	3.39e3	94.6	NO
7	7 13C6-PFDA	1800397-01 GW1216180226RAP 0.259...	1.16e4	74.5	NO
8	8 13C7-PFUDa	1800397-01 GW1216180226RAP 0.259...	1.57e4	75.2	NO

**Name: 180312M1\_80, Date: 13-Mar-2018, Time: 12:54:27, ID: IPA, Description: IPA**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	6.42e0	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: 180312M1\_81, Date: 13-Mar-2018, Time: 13:05:57, ID: ST180312M1-15 PFC CS3 18B2818, Description: PFC CS3 18B2818**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180312M1-15 PFC CS3 18B2818	7.33e3	110.7	NO
2	2 13C5-PFHxA	ST180312M1-15 PFC CS3 18B2818	1.97e4	107.5	NO
3	3 13C3-PFHxS	ST180312M1-15 PFC CS3 18B2818	4.06e3	121.6	NO
4	4 13C8-PFOA	ST180312M1-15 PFC CS3 18B2818	2.09e4	115.1	NO
5	5 13C9-PFNA	ST180312M1-15 PFC CS3 18B2818	2.14e4	110.6	NO
6	6 13C4-PFOS	ST180312M1-15 PFC CS3 18B2818	4.54e3	126.6	NO
7	7 13C6-PFDA	ST180312M1-15 PFC CS3 18B2818	1.41e4	90.7	NO
8	8 13C7-PFUDa	ST180312M1-15 PFC CS3 18B2818	2.35e4	112.1	NO

**Name: 180312M1\_82, Date: 13-Mar-2018, Time: 13:17:26, 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

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**Name: 180312M1\_83, Date: 13-Mar-2018, Time: 13:28:56, ID: 1800397-02 GW2226180226RAP 0.25726, Description: GW2226180226RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800397-02 GW2226180226RAP 0.257...	1.13e4	170.5	YES
2	2 13C5-PFHxA	1800397-02 GW2226180226RAP 0.257...	1.71e4	93.5	NO
3	3 13C3-PFHxS	1800397-02 GW2226180226RAP 0.257...	3.47e3	103.7	NO
4	4 13C8-PFOA	1800397-02 GW2226180226RAP 0.257...	1.71e4	94.2	NO
5	5 13C9-PFNA	1800397-02 GW2226180226RAP 0.257...	1.94e4	100.2	NO
6	6 13C4-PFOS	1800397-02 GW2226180226RAP 0.257...	3.69e3	102.9	NO
7	7 13C6-PFDA	1800397-02 GW2226180226RAP 0.257...	1.45e4	93.1	NO
8	8 13C7-PFUDa	1800397-02 GW2226180226RAP 0.257...	1.70e4	81.1	NO

**Name: 180312M1\_84, Date: 13-Mar-2018, Time: 13:40:26, ID: 1800397-03 GW3438180226RAP 0.26026, Description: GW3438180226RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800397-03 GW3438180226RAP 0.260...	8.66e3	130.8	NO
2	2 13C5-PFHxA	1800397-03 GW3438180226RAP 0.260...	1.26e4	68.9	NO
3	3 13C3-PFHxS	1800397-03 GW3438180226RAP 0.260...	3.09e3	92.4	NO
4	4 13C8-PFOA	1800397-03 GW3438180226RAP 0.260...	1.28e4	70.5	NO
5	5 13C9-PFNA	1800397-03 GW3438180226RAP 0.260...	1.47e4	75.6	NO
6	6 13C4-PFOS	1800397-03 GW3438180226RAP 0.260...	3.38e3	94.3	NO
7	7 13C6-PFDA	1800397-03 GW3438180226RAP 0.260...	1.21e4	77.8	NO
8	8 13C7-PFUDa	1800397-03 GW3438180226RAP 0.260...	1.58e4	75.3	NO

**Name: 180312M1\_85, Date: 13-Mar-2018, Time: 13:51:55, ID: 1800397-04 GW4246180227RAP 0.25698, Description: GW4246180227RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800397-04 GW4246180227RAP 0.256...	9.94e3	150.1	YES
2	2 13C5-PFHxA	1800397-04 GW4246180227RAP 0.256...	1.54e4	84.4	NO
3	3 13C3-PFHxS	1800397-04 GW4246180227RAP 0.256...	3.43e3	102.6	NO
4	4 13C8-PFOA	1800397-04 GW4246180227RAP 0.256...	1.51e4	82.8	NO
5	5 13C9-PFNA	1800397-04 GW4246180227RAP 0.256...	1.61e4	83.2	NO
6	6 13C4-PFOS	1800397-04 GW4246180227RAP 0.256...	3.76e3	104.9	NO
7	7 13C6-PFDA	1800397-04 GW4246180227RAP 0.256...	1.26e4	81.1	NO
8	8 13C7-PFUDa	1800397-04 GW4246180227RAP 0.256...	1.67e4	79.8	NO

**Name: 180312M1\_86, Date: 13-Mar-2018, Time: 14:03:24, ID: 1800397-05 GW5256180227RAP 0.25852, Description: GW5256180227RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800397-05 GW5256180227RAP 0.258...	9.59e3	144.9	NO
2	2 13C5-PFHxA	1800397-05 GW5256180227RAP 0.258...	1.47e4	80.5	NO
3	3 13C3-PFHxS	1800397-05 GW5256180227RAP 0.258...	3.10e3	92.8	NO
4	4 13C8-PFOA	1800397-05 GW5256180227RAP 0.258...	1.48e4	81.1	NO
5	5 13C9-PFNA	1800397-05 GW5256180227RAP 0.258...	1.67e4	86.1	NO
6	6 13C4-PFOS	1800397-05 GW5256180227RAP 0.258...	3.35e3	93.4	NO
7	7 13C6-PFDA	1800397-05 GW5256180227RAP 0.258...	1.34e4	85.9	NO
8	8 13C7-PFUDa	1800397-05 GW5256180227RAP 0.258...	1.74e4	83.0	NO

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**Name: 180312M1\_87, Date: 13-Mar-2018, Time: 14:14:55, ID: 1800397-06 GW5963180227RAP 0.26136, Description: GW5963180227RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800397-06 GW5963180227RAP 0.261...	8.89e3	134.3	NO
2	2 13C5-PFHxA	1800397-06 GW5963180227RAP 0.261...	1.33e4	72.8	NO
3	3 13C3-PFHxS	1800397-06 GW5963180227RAP 0.261...	3.37e3	100.7	NO
4	4 13C8-PFOA	1800397-06 GW5963180227RAP 0.261...	1.51e4	82.8	NO
5	5 13C9-PFNA	1800397-06 GW5963180227RAP 0.261...	1.64e4	84.5	NO
6	6 13C4-PFOS	1800397-06 GW5963180227RAP 0.261...	3.26e3	91.0	NO
7	7 13C6-PFDA	1800397-06 GW5963180227RAP 0.261...	1.22e4	78.7	NO
8	8 13C7-PFUDa	1800397-06 GW5963180227RAP 0.261...	1.60e4	76.4	NO

**Name: 180312M1\_88, Date: 13-Mar-2018, Time: 14:26:21, ID: 1800397-07 GW1115180228RAP 0.25801, Description: GW1115180228RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800397-07 GW1115180228RAP 0.258...	7.99e3	120.7	NO
2	2 13C5-PFHxA	1800397-07 GW1115180228RAP 0.258...	1.16e4	63.7	NO
3	3 13C3-PFHxS	1800397-07 GW1115180228RAP 0.258...	2.78e3	83.1	NO
4	4 13C8-PFOA	1800397-07 GW1115180228RAP 0.258...	1.31e4	72.0	NO
5	5 13C9-PFNA	1800397-07 GW1115180228RAP 0.258...	1.33e4	68.4	NO
6	6 13C4-PFOS	1800397-07 GW1115180228RAP 0.258...	2.90e3	81.0	NO
7	7 13C6-PFDA	1800397-07 GW1115180228RAP 0.258...	1.14e4	73.6	NO
8	8 13C7-PFUDa	1800397-07 GW1115180228RAP 0.258...	1.33e4	63.5	NO

**Name: 180312M1\_89, Date: 13-Mar-2018, Time: 14:37:48, ID: 1800397-08 GW2125180228RAP 0.25607, Description: GW2125180228RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800397-08 GW2125180228RAP 0.256...	9.62e3	145.3	NO
2	2 13C5-PFHxA	1800397-08 GW2125180228RAP 0.256...	1.45e4	79.4	NO
3	3 13C3-PFHxS	1800397-08 GW2125180228RAP 0.256...	3.14e3	93.9	NO
4	4 13C8-PFOA	1800397-08 GW2125180228RAP 0.256...	1.43e4	78.4	NO
5	5 13C9-PFNA	1800397-08 GW2125180228RAP 0.256...	1.64e4	84.7	NO
6	6 13C4-PFOS	1800397-08 GW2125180228RAP 0.256...	3.58e3	99.8	NO
7	7 13C6-PFDA	1800397-08 GW2125180228RAP 0.256...	1.26e4	81.3	NO
8	8 13C7-PFUDa	1800397-08 GW2125180228RAP 0.256...	1.45e4	69.1	NO

**Name: 180312M1\_90, Date: 13-Mar-2018, Time: 14:49:15, ID: 1800397-09 GW3135180228RAP 0.26383, Description: GW3135180228RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800397-09 GW3135180228RAP 0.263...	9.17e3	138.5	NO
2	2 13C5-PFHxA	1800397-09 GW3135180228RAP 0.263...	1.33e4	72.7	NO
3	3 13C3-PFHxS	1800397-09 GW3135180228RAP 0.263...	3.08e3	92.0	NO
4	4 13C8-PFOA	1800397-09 GW3135180228RAP 0.263...	1.39e4	76.4	NO
5	5 13C9-PFNA	1800397-09 GW3135180228RAP 0.263...	1.58e4	81.5	NO
6	6 13C4-PFOS	1800397-09 GW3135180228RAP 0.263...	3.22e3	89.9	NO
7	7 13C6-PFDA	1800397-09 GW3135180228RAP 0.263...	1.18e4	76.0	NO
8	8 13C7-PFUDa	1800397-09 GW3135180228RAP 0.263...	1.21e4	57.8	NO



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**Name: 180312M1\_91, Date: 13-Mar-2018, Time: 15:00:42, ID: 1800397-10 GW4145180228RAP 0.2572, Description: GW4145180228RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800397-10 GW4145180228RAP 0.2572	9.01e3	136.2	NO
2	2 13C5-PFHxA	1800397-10 GW4145180228RAP 0.2572	1.39e4	76.2	NO
3	3 13C3-PFHxS	1800397-10 GW4145180228RAP 0.2572	3.31e3	98.9	NO
4	4 13C8-PFOA	1800397-10 GW4145180228RAP 0.2572	1.42e4	78.1	NO
5	5 13C9-PFNA	1800397-10 GW4145180228RAP 0.2572	1.46e4	75.3	NO
6	6 13C4-PFOS	1800397-10 GW4145180228RAP 0.2572	3.40e3	94.8	NO
7	7 13C6-PFDA	1800397-10 GW4145180228RAP 0.2572	1.26e4	80.8	NO
8	8 13C7-PFUdA	1800397-10 GW4145180228RAP 0.2572	1.47e4	70.1	NO

**Name: 180312M1\_92, Date: 13-Mar-2018, Time: 15:12:11, ID: 1800397-11 GW4751180301RAP 0.26378, Description: GW4751180301RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800397-11 GW4751180301RAP 0.263...	9.27e3	140.0	NO
2	2 13C5-PFHxA	1800397-11 GW4751180301RAP 0.263...	1.37e4	74.8	NO
3	3 13C3-PFHxS	1800397-11 GW4751180301RAP 0.263...	3.37e3	100.8	NO
4	4 13C8-PFOA	1800397-11 GW4751180301RAP 0.263...	1.38e4	75.8	NO
5	5 13C9-PFNA	1800397-11 GW4751180301RAP 0.263...	1.56e4	80.7	NO
6	6 13C4-PFOS	1800397-11 GW4751180301RAP 0.263...	2.97e3	83.0	NO
7	7 13C6-PFDA	1800397-11 GW4751180301RAP 0.263...	1.34e4	86.3	NO
8	8 13C7-PFUdA	1800397-11 GW4751180301RAP 0.263...	1.51e4	71.9	NO

**Name: 180312M1\_93, Date: 13-Mar-2018, Time: 15:23:40, ID: IPA, Description: IPA**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	8.69e0	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: 180312M1\_94, Date: 13-Mar-2018, Time: 15:35:07, ID: ST180312M1-16 PFC CS3 18B2818, Description: PFC CS3 18B2818**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180312M1-16 PFC CS3 18B2818	7.55e3	114.1	NO
2	2 13C5-PFHxA	ST180312M1-16 PFC CS3 18B2818	2.05e4	111.8	NO
3	3 13C3-PFHxS	ST180312M1-16 PFC CS3 18B2818	4.15e3	124.2	NO
4	4 13C8-PFOA	ST180312M1-16 PFC CS3 18B2818	2.13e4	117.0	NO
5	5 13C9-PFNA	ST180312M1-16 PFC CS3 18B2818	1.95e4	100.5	NO
6	6 13C4-PFOS	ST180312M1-16 PFC CS3 18B2818	4.02e3	112.2	NO
7	7 13C6-PFDA	ST180312M1-16 PFC CS3 18B2818	1.96e4	125.9	NO
8	8 13C7-PFUdA	ST180312M1-16 PFC CS3 18B2818	2.06e4	98.6	NO

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**Name: 180312M1\_95, Date: 13-Mar-2018, Time: 15:46:36, 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: 180312M1\_96, Date: 13-Mar-2018, Time: 15:58:05, ID: 1800397-12 FD-GW4751180301RAP 0.25428, Description: FD-GW4751180301RAP**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800397-12 FD-GW4751180301RAP 0....	7.76e3	117.2	NO
2	2 13C5-PFHxA	1800397-12 FD-GW4751180301RAP 0....	1.14e4	62.3	NO
3	3 13C3-PFHxS	1800397-12 FD-GW4751180301RAP 0....	3.00e3	89.8	NO
4	4 13C8-PFOA	1800397-12 FD-GW4751180301RAP 0....	1.22e4	67.0	NO
5	5 13C9-PFNA	1800397-12 FD-GW4751180301RAP 0....	1.42e4	73.3	NO
6	6 13C4-PFOS	1800397-12 FD-GW4751180301RAP 0....	2.92e3	81.3	NO
7	7 13C6-PFDA	1800397-12 FD-GW4751180301RAP 0....	1.11e4	71.3	NO
8	8 13C7-PFUdA	1800397-12 FD-GW4751180301RAP 0....	1.62e4	77.6	NO

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	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8B0152-BS1 OPR 3			
2	2 13C5-PFHxA	B8B0152-BS1 OPR 3			
3	3 13C3-PFHxS	B8B0152-BS1 OPR 3			
4	4 13C8-PFOA	B8B0152-BS1 OPR 3			
5	5 13C9-PFNA	B8B0152-BS1 OPR 3			
6	6 13C4-PFOS	B8B0152-BS1 OPR 3			
7	7 13C6-PFDA	B8B0152-BS1 OPR 3			
8	8 13C7-PFUdA	B8B0152-BS1 OPR 3			

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	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8B0152-BLK1 Method Blank 3			
2	2 13C5-PFHxA	B8B0152-BLK1 Method Blank 3			
3	3 13C3-PFHxS	B8B0152-BLK1 Method Blank 3			
4	4 13C8-PFOA	B8B0152-BLK1 Method Blank 3			
5	5 13C9-PFNA	B8B0152-BLK1 Method Blank 3			
6	6 13C4-PFOS	B8B0152-BLK1 Method Blank 3			
7	7 13C6-PFDA	B8B0152-BLK1 Method Blank 3			
8	8 13C7-PFUdA	B8B0152-BLK1 Method Blank 3			

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	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800282-01 6164335677 3			
2	2 13C5-PFHxA	1800282-01 6164335677 3			
3	3 13C3-PFHxS	1800282-01 6164335677 3			
4	4 13C8-PFOA	1800282-01 6164335677 3			
5	5 13C9-PFNA	1800282-01 6164335677 3			
6	6 13C4-PFOS	1800282-01 6164335677 3			
7	7 13C6-PFDA	1800282-01 6164335677 3			
8	8 13C7-PFUDa	1800282-01 6164335677 3			

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	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800315-01 012918A 3			
2	2 13C5-PFHxA	1800315-01 012918A 3			
3	3 13C3-PFHxS	1800315-01 012918A 3			
4	4 13C8-PFOA	1800315-01 012918A 3			
5	5 13C9-PFNA	1800315-01 012918A 3			
6	6 13C4-PFOS	1800315-01 012918A 3			
7	7 13C6-PFDA	1800315-01 012918A 3			
8	8 13C7-PFUDa	1800315-01 012918A 3			

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	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800315-02 012918B 3			
2	2 13C5-PFHxA	1800315-02 012918B 3			
3	3 13C3-PFHxS	1800315-02 012918B 3			
4	4 13C8-PFOA	1800315-02 012918B 3			
5	5 13C9-PFNA	1800315-02 012918B 3			
6	6 13C4-PFOS	1800315-02 012918B 3			
7	7 13C6-PFDA	1800315-02 012918B 3			
8	8 13C7-PFUDa	1800315-02 012918B 3			

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	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800315-03 012918C 3			
2	2 13C5-PFHxA	1800315-03 012918C 3			
3	3 13C3-PFHxS	1800315-03 012918C 3			
4	4 13C8-PFOA	1800315-03 012918C 3			
5	5 13C9-PFNA	1800315-03 012918C 3			
6	6 13C4-PFOS	1800315-03 012918C 3			
7	7 13C6-PFDA	1800315-03 012918C 3			
8	8 13C7-PFUDa	1800315-03 012918C 3			

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	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800315-04 012918D 3			
2	2 13C5-PFHxA	1800315-04 012918D 3			
3	3 13C3-PFHxS	1800315-04 012918D 3			
4	4 13C8-PFOA	1800315-04 012918D 3			
5	5 13C9-PFNA	1800315-04 012918D 3			
6	6 13C4-PFOS	1800315-04 012918D 3			
7	7 13C6-PFDA	1800315-04 012918D 3			
8	8 13C7-PFUDa	1800315-04 012918D 3			

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	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			
2	2 13C5-PFHxA	IPA			
3	3 13C3-PFHxS	IPA			
4	4 13C8-PFOA	IPA			
5	5 13C9-PFNA	IPA			
6	6 13C4-PFOS	IPA			
7	7 13C6-PFDA	IPA			
8	8 13C7-PFUDa	IPA			

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	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180312M1-17 PFC CS3 18B2818			
2	2 13C5-PFHxA	ST180312M1-17 PFC CS3 18B2818			
3	3 13C3-PFHxS	ST180312M1-17 PFC CS3 18B2818			
4	4 13C8-PFOA	ST180312M1-17 PFC CS3 18B2818			
5	5 13C9-PFNA	ST180312M1-17 PFC CS3 18B2818			
6	6 13C4-PFOS	ST180312M1-17 PFC CS3 18B2818			
7	7 13C6-PFDA	ST180312M1-17 PFC CS3 18B2818			
8	8 13C7-PFUDa	ST180312M1-17 PFC CS3 18B2818			

Dataset: Untitled

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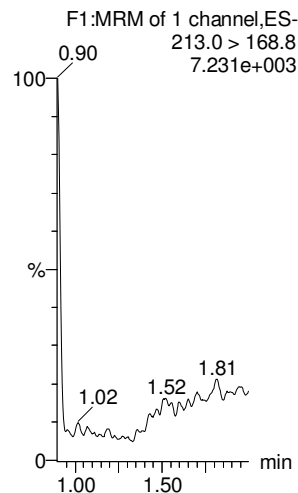
Printed: Tuesday, March 13, 2018 09:55:33 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030818.mdb 12 Mar 2018 15:51:17

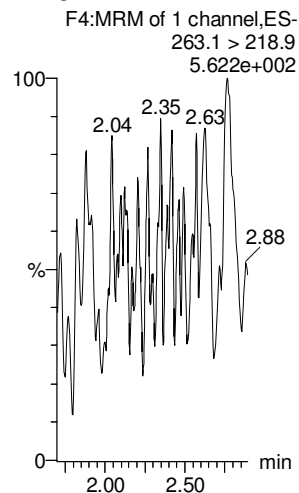
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Name: 180312M1\_12, Date: 12-Mar-2018, Time: 23:44:14, ID: IPA, Description: IPA

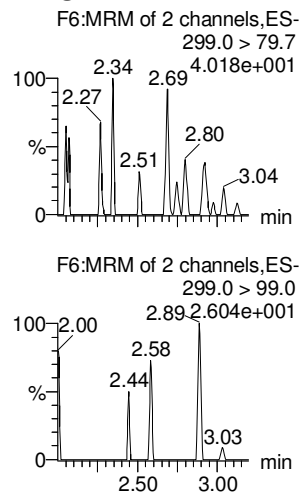
**PFBA**



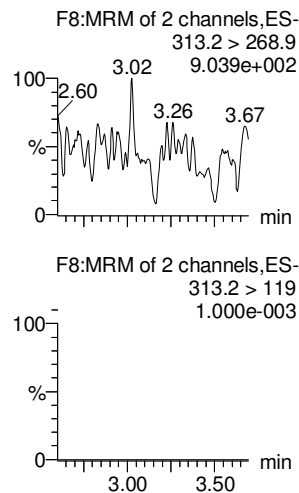
**PFPeA**



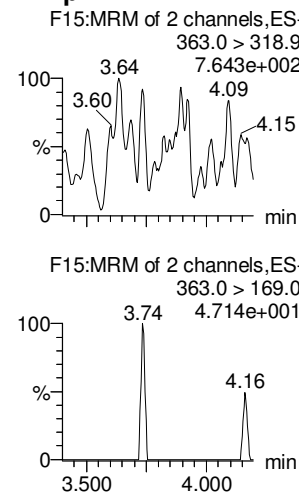
**PFBS**



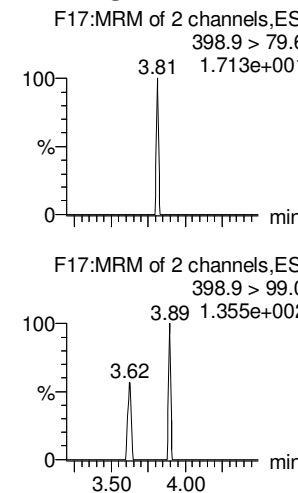
**PFHxA**



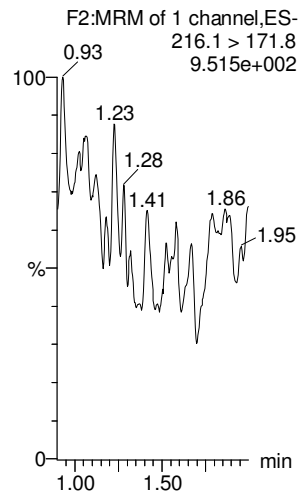
**PFHpA**



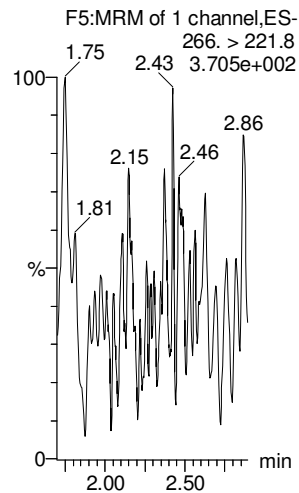
**L-PFHxS**



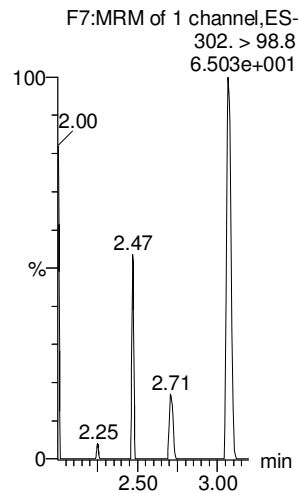
**13C3-PFBA**



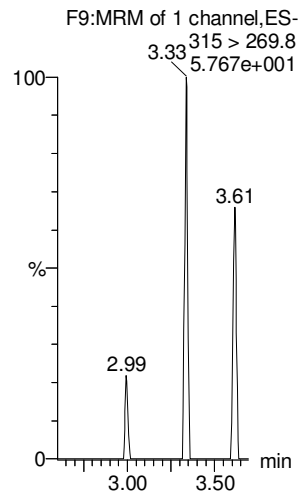
**13C3-PFPeA**



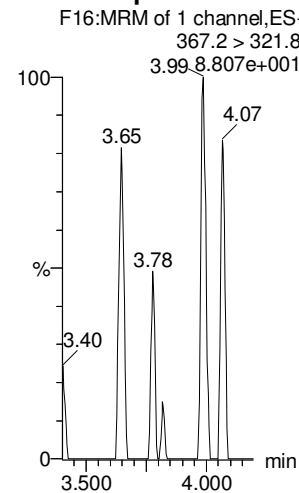
**13C3-PFBS**



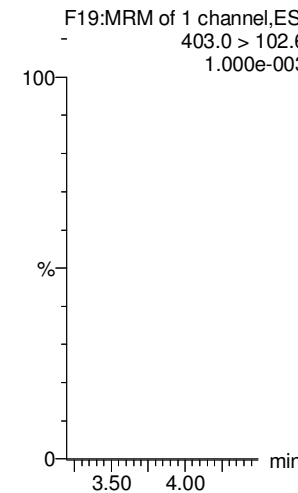
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



Dataset: Untitled

Last Altered: Tuesday, March 13, 2018 09:55:12 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 09:55:33 Pacific Daylight Time

Name: 180312M1\_12, Date: 12-Mar-2018, Time: 23:44:14, ID: IPA, Description: IPA

**6:2 FTS**

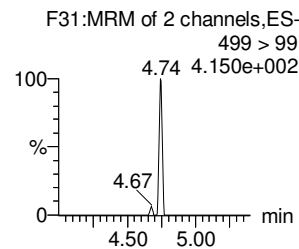
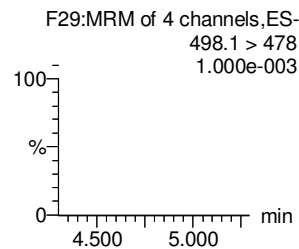
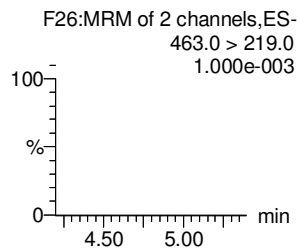
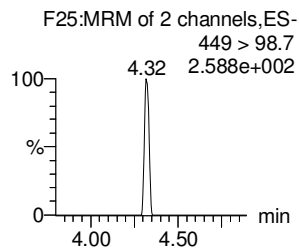
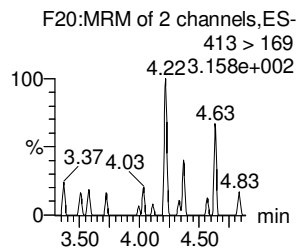
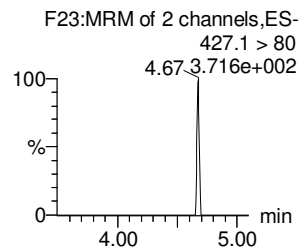
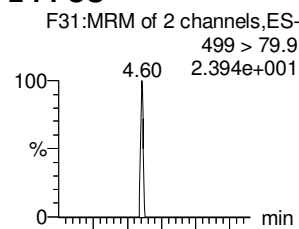
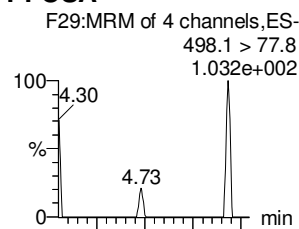
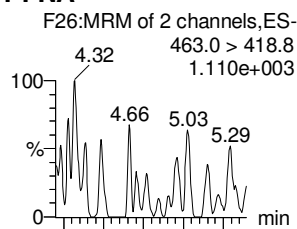
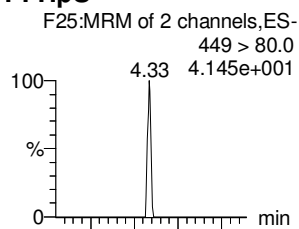
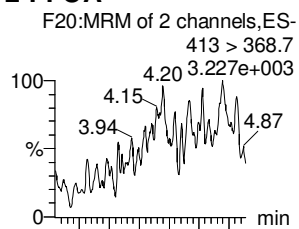
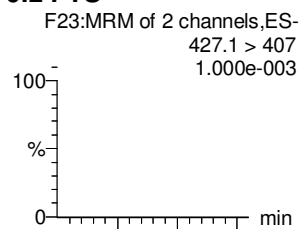
**L-PFOA**

**PFHpS**

**PFNA**

**PFOSA**

**L-PFOS**



**13C2-6:2 FTS**

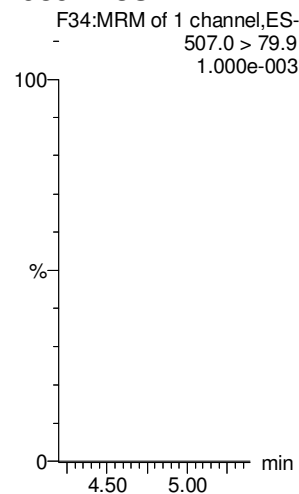
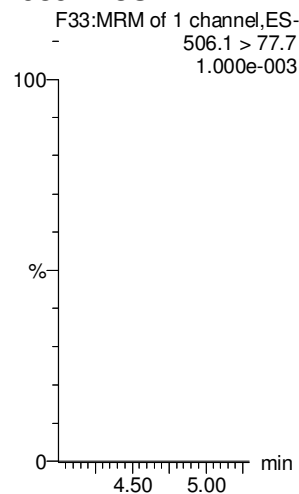
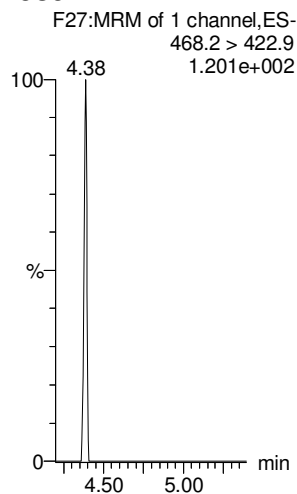
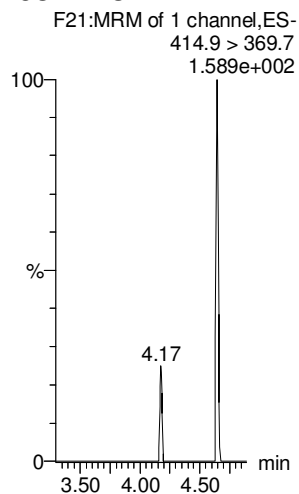
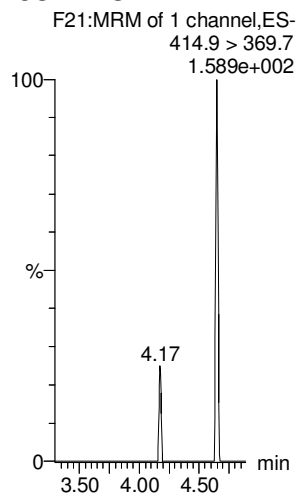
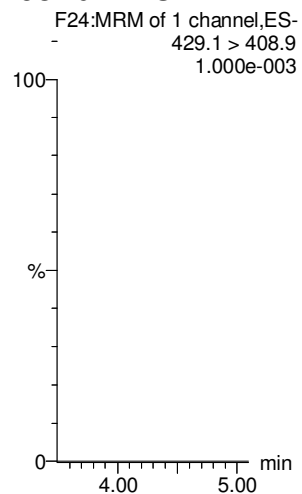
**13C2-PFOA**

**13C2-PFOA**

**13C5-PFNA**

**13C8-PFOSA**

**13C8-PFOS**



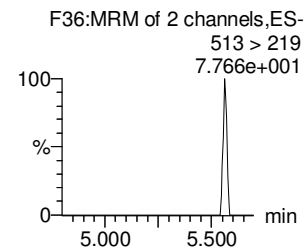
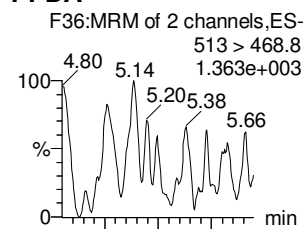
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Last Altered: Tuesday, March 13, 2018 09:55:12 Pacific Daylight Time

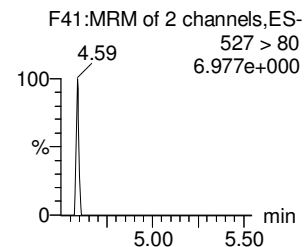
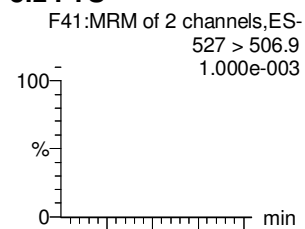
Printed: Tuesday, March 13, 2018 09:55:33 Pacific Daylight Time

Name: 180312M1\_12, Date: 12-Mar-2018, Time: 23:44:14, ID: IPA, Description: IPA

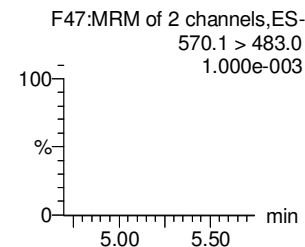
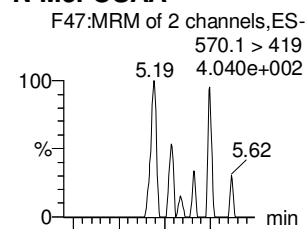
**PFDA**



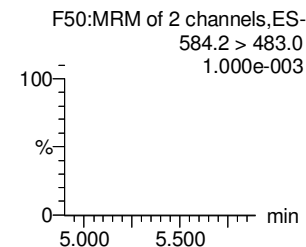
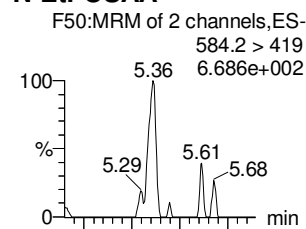
**8:2 FTS**



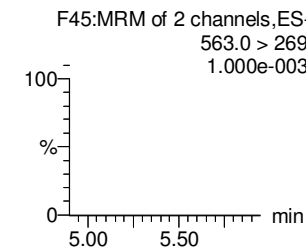
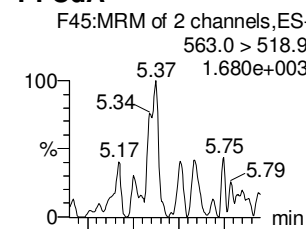
**N-MeFOSAA**



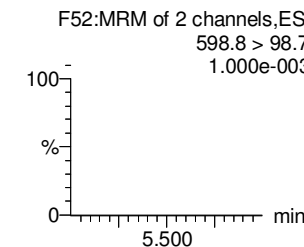
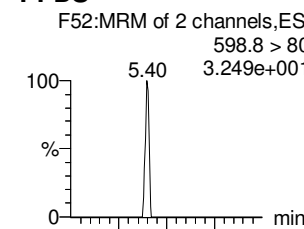
**N-EtFOSAA**



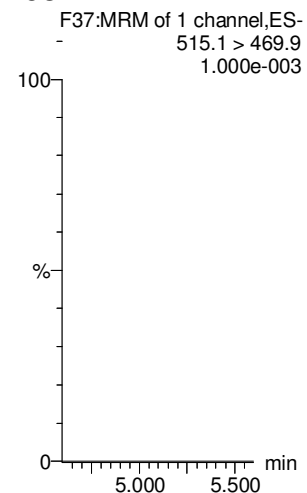
**PFUdA**



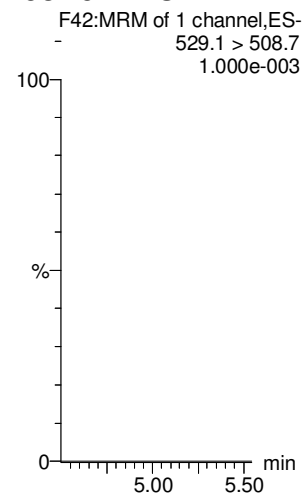
**PFDS**



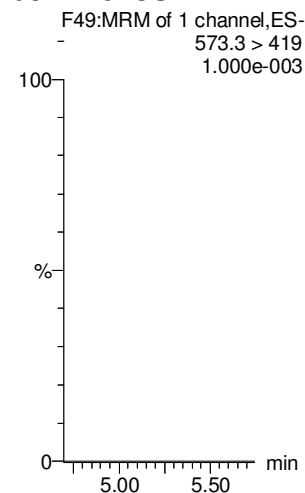
**13C2-PFDA**



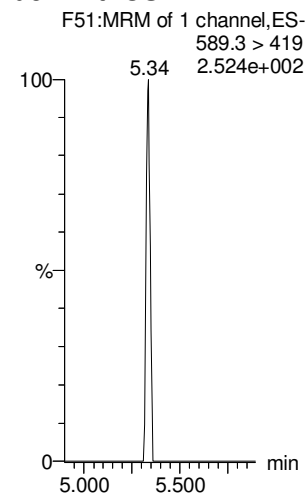
**13C2-8:2 FTS**



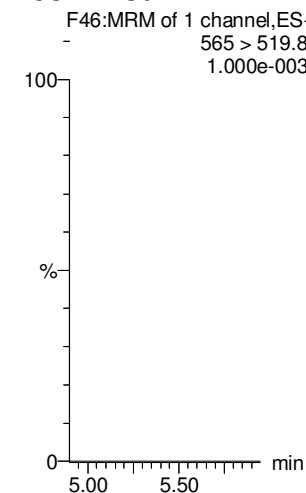
**d3-N-MeFOSAA**



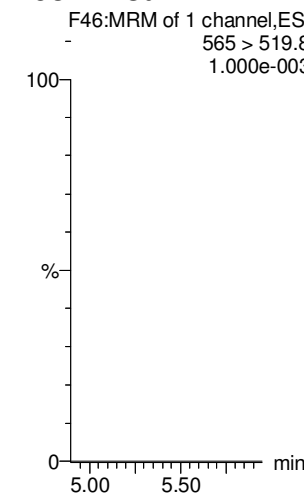
**d5-N-EtFOSAA**



**13C2-PFUdA**



**13C2-PFUdA**



Dataset: Untitled

Last Altered: Tuesday, March 13, 2018 09:55:12 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 09:55:33 Pacific Daylight Time

Name: 180312M1\_12, Date: 12-Mar-2018, Time: 23:44:14, ID: IPA, Description: IPA

**PFDoA**

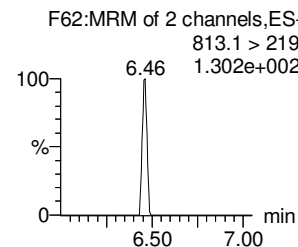
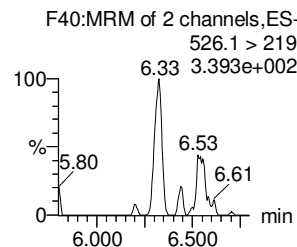
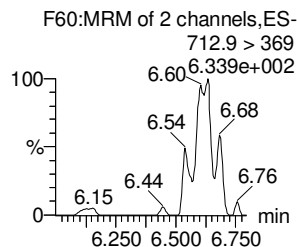
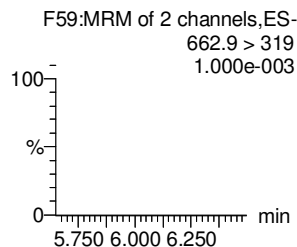
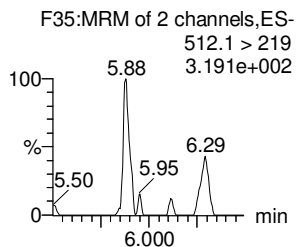
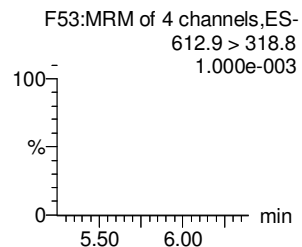
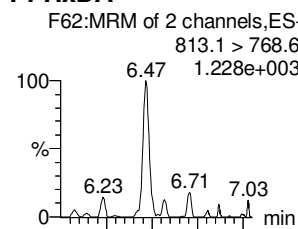
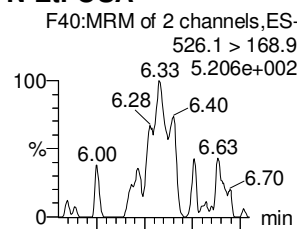
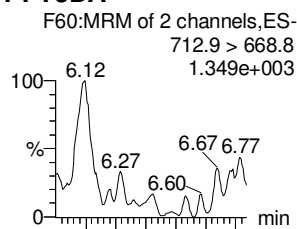
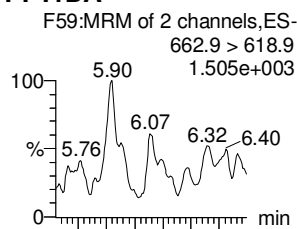
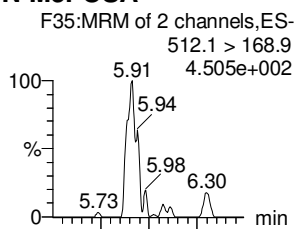
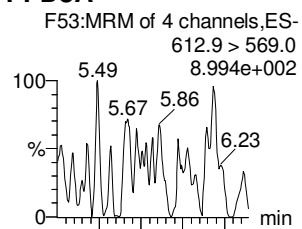
**N-MeFOSA**

**PFTrDA**

**PFTeDA**

**N-EtFOSA**

**PFHxDA**



**13C2-PFDoA**

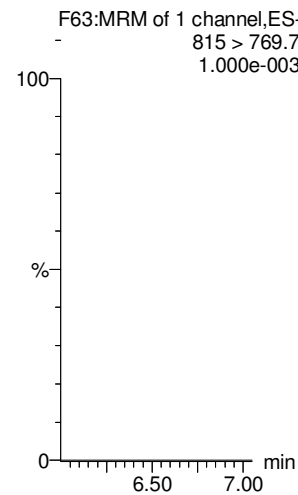
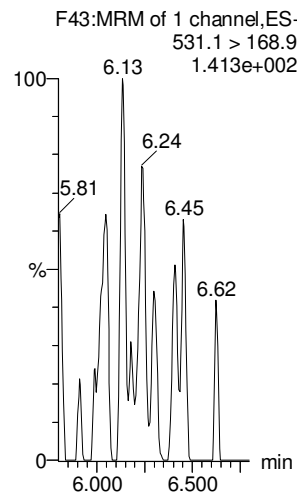
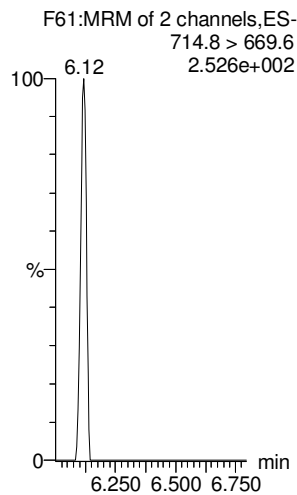
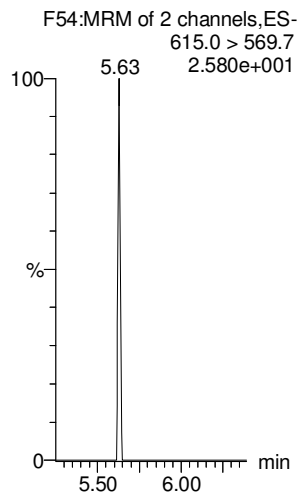
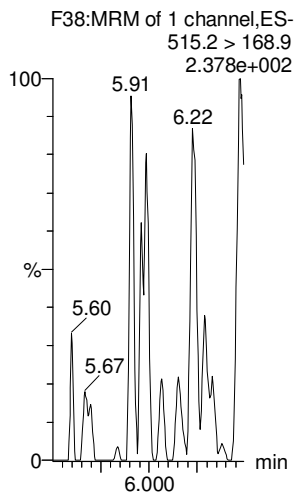
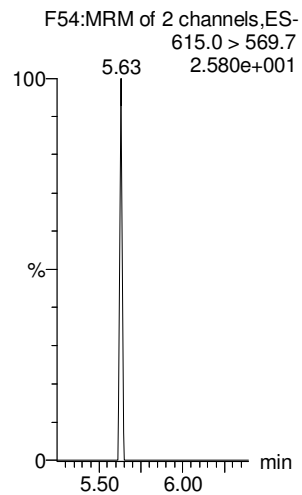
**d3-N-MeFOSA**

**13C2-PFDoA**

**13C2-PFTeDA**

**d5-N-ETFOSA**

**13C2-PFHxDA**





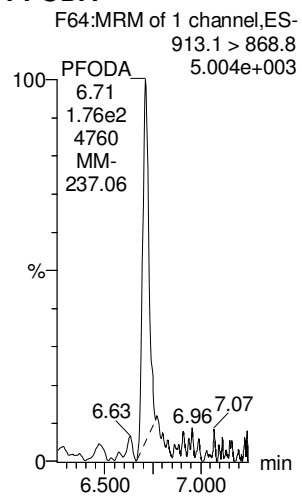
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Last Altered: Tuesday, March 13, 2018 09:55:12 Pacific Daylight Time

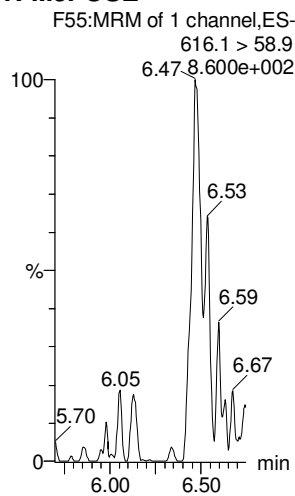
Printed: Tuesday, March 13, 2018 09:55:33 Pacific Daylight Time

Name: 180312M1\_12, Date: 12-Mar-2018, Time: 23:44:14, ID: IPA, Description: IPA

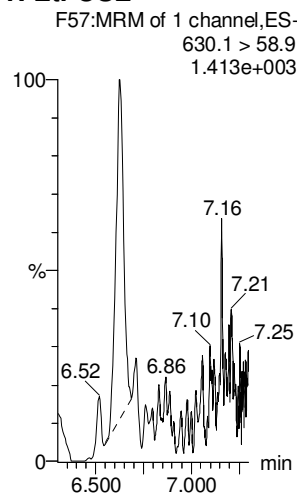
**PFODA**



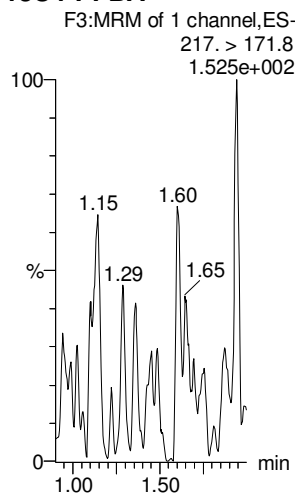
**N-MeFOSE**



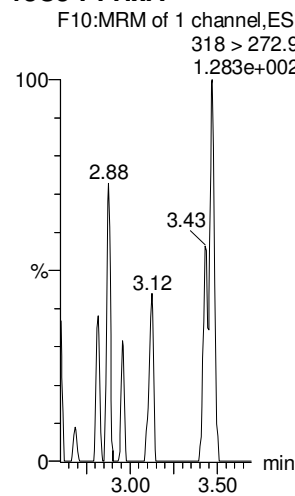
**N-EtFOSE**



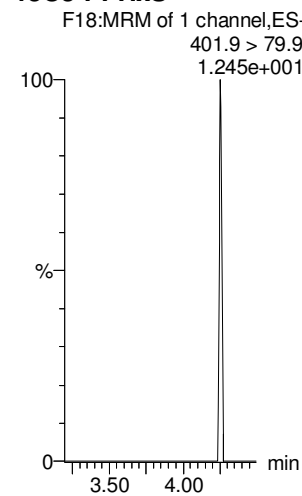
**13C4-PFBA**



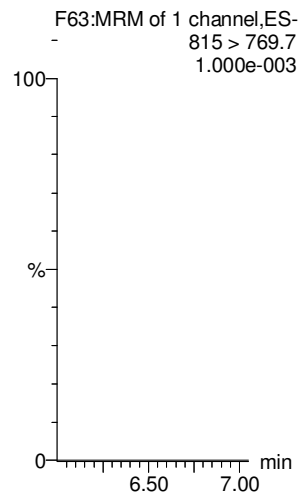
**13C5-PFHxA**



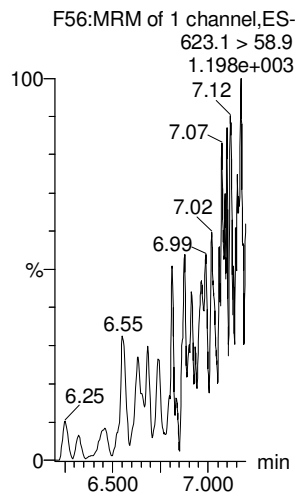
**13C3-PFHxS**



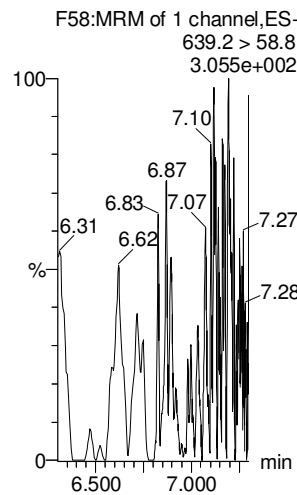
**13C2-PFHxDA**



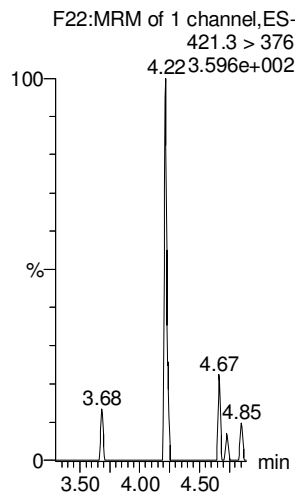
**d7-N-MeFOSE**



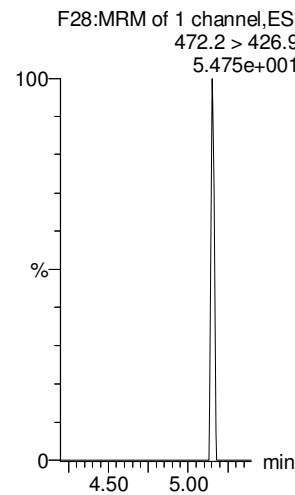
**d9-N-EtFOSE**



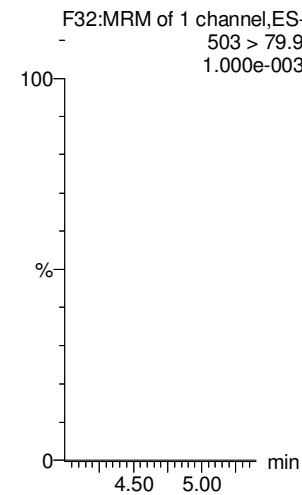
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**



Dataset: Untitled

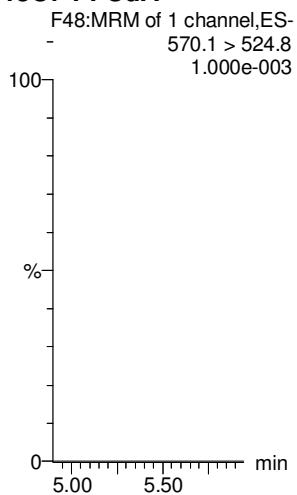
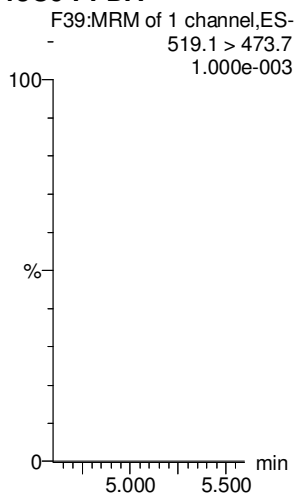
Last Altered: Tuesday, March 13, 2018 09:55:12 Pacific Daylight Time

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Name: 180312M1\_12, Date: 12-Mar-2018, Time: 23:44:14, ID: IPA, Description: IPA

13C6-PFDA

13C7-PFUdA



# LC Calibration Standards Review Checklist

04

Calibration ID:	ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	
ST180312M1-11	<del>11</del>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
-12	<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	<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	<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	<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"/>
-16	<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"/>
-17	<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"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Full Mass Cal. Date: 3/7/18

- Run Log Present:
- # of Samples per Sequence Checked:
- Instrument Blank Saved:
- IIS Area Saved:
- Reviewed By: WVF 3/14/18  
Initials/Date

Comments:

OPDX 51307. FULL\_FVM

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-31.qld

Last Altered: Wednesday, March 14, 2018 09:32:45 Pacific Daylight Time

Printed: Wednesday, March 14, 2018 09:33:10 Pacific Daylight Time

*A Not used.*

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_31, Date: 13-Mar-2018, Time: 03:22:31, ID: ST180312M1-11 PFC CS3 18B2818, Description: PFC CS3 18B2818

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
1	1 PFBA	213.0 > 168.8	5.53e3	5.93e3		1.37	1.35	11.7	10.3	103.2	NO	
2	2 PFPeA	263.1 > 218.9	1.34e4	1.58e4		2.70	2.33	10.6	10.7	107.4	NO	
3	3 PFBS	299.0 > 79.7	2.95e3	1.79e3		2.98	2.60	20.6	11.1	110.6	NO	
4	4 4:2 FTS	327.2>307.2	3.81e3	1.79e3		3.38	3.00	26.6	12.0	120.2	NO	
5	5 PFHxA	313.2 > 268.9	1.67e4	4.92e3		3.48	3.09	17.0	11.6	116.4	NO	
6	6 PFPeS	349.1>80.1	3.05e3	1.79e3		3.67	3.29	21.3	12.8	127.7	NO	
7	7 PFHpA	363.0 > 318.9	1.56e4	1.44e4		4.10	3.71	13.6	10.7	107.1	NO	
8	8 L-PFHxS	398.9 > 79.6	2.39e3	1.49e3		4.24	3.85	20.0	11.1	111.0	NO	
9	10 6:2 FTS	427.1 > 407	4.44e3	4.86e3		4.56	4.17	11.4	12.2	122.0	NO	
10	11 L-PFOA	413 > 368.7	1.47e4	1.69e4		4.30	4.23	10.9	11.8	118.3	NO	
11	13 PFHpS	449 > 80.0	3.41e3	1.69e4		4.71	4.34	2.52	13.0	129.9	NO	
12	14 PFNA	463.0 > 418.8	1.76e4	1.74e4		5.04	4.66	12.6	11.9	118.6	NO	
13	15 PFOSA	498.1 > 77.8	3.07e3	3.72e3		5.09	4.73	10.3	10.5	104.6	NO	
14	16 L-PFOS	499 > 79.9	3.49e3	3.86e3		4.84	4.75	11.3	10.4	103.8	NO	
15	18 PFDA	513 > 468.8	1.71e4	1.67e4		5.40	5.04	12.8	9.70	97.0	NO	
16	19 8:2 FTS	527 > 506.9	4.35e3	3.11e3		5.38	5.01	17.5	10.9	108.7	NO	
17	20 PFNS	549.1>80.1	3.00e3	3.86e3		5.19	5.11	9.73	11.2	111.9	NO	
18	21 N-MeFOSAA	570.1 > 419	1.10e4	9.06e3		5.55	5.20	15.2	11.0	110.0	NO	
19	22 N-EtFOSAA	584.2 > 419	8.95e3	9.77e3		5.70	5.36	11.5	10.8	108.3	NO	
20	23 PFUdA	563.0 > 518.9	1.82e4	1.98e4		5.72	5.37	11.5	11.2	111.6	NO	
21	24 PFDS	598.8 > 80	3.89e3	1.98e4		5.76	5.41	2.46	11.3	112.6	NO	
22	25 PFDoA	612.9 > 569.0	1.00e2	1.73e4		5.99	5.92	0.0726	11.0	109.9	NO	A
23	26 N-MeFOSA	512.1 > 168.9	8.77e3	2.49e4		5.93	5.90	52.8	54.0	107.9	NO	
24	27 PFTTrDA	662.9 > 618.9	2.16e4	1.73e4		6.22	5.90	15.6	10.6	106.3	NO	
25	28 PFTeDA	712.9 > 668.8	1.68e4	7.95e3		6.41	6.12	26.4	11.5	115.3	NO	
26	29 N-EtFOSA	526.1 > 168.9	1.15e4	3.66e4		6.25	6.33	47.1	52.4	104.7	NO	
27	30 PFHxDA	813.1 > 768.6	6.62e3	7.29e3		6.69	6.48	4.54	9.23	92.3	NO	
28	31 PFODA	913.1 > 868.8	1.85e4	7.29e3		6.90	6.72	12.7	11.1	111.2	NO	
29	32 N-MeFOSE	616.1 > 58.9	8.80e3	2.47e4		6.31	6.48	53.4	58.9	117.9	NO	
30	33 N-EtFOSE	630.1 > 58.9	8.97e3	2.88e4		6.45	6.63	46.8	45.4	90.7	NO	
31	34 13C3-PFBA	216.1 > 171.8	5.93e3	6.68e3	0.864	1.37	1.35	11.1	12.8	102.8	NO	

*✓ 180312M1/18*  
*DM 3/14/18*

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-31.qld

Last Altered: Wednesday, March 14, 2018 09:32:45 Pacific Daylight Time

Printed: Wednesday, March 14, 2018 09:33:10 Pacific Daylight Time

Name: 180312M1\_31, Date: 13-Mar-2018, Time: 03:22:31, ID: ST180312M1-11 PFC CS3 18B2818, Description: PFC CS3 18B2818

	# Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
32	35 13C3-PFPeA	266. > 221.8	1.58e4	1.87e4	0.862	2.70	2.33	10.6	12.2	97.9	NO	
33	36 13C3-PFBS	302. > 98.8	1.79e3	1.87e4	0.103	2.98	2.60	1.19	11.6	92.4	NO	
34	37 13C2-PFHxA	315 > 269.8	4.92e3	1.87e4	0.733	3.48	3.09	3.28	4.48	89.5	NO	
35	38 13C4-PFHpA	367.2 > 321.8	1.44e4	1.87e4	0.726	4.10	3.71	9.58	13.2	105.6	NO	
36	39 18O2-PFHxS	403.0 > 102.6	1.49e3	3.68e3	0.402	4.24	3.85	5.07	12.6	100.8	NO	
37	40 13C2-6:2 FTS	429.1 > 408.9	4.86e3	1.77e4	0.259	4.56	4.17	3.44	13.3	106.4	NO	
38	41 13C2-PFOA	414.9 > 369.7	1.69e4	1.77e4	1.057	4.61	4.23	11.9	11.3	90.4	NO	
39	42 13C5-PFNA	468.2 > 422.9	1.74e4	1.90e4	0.933	5.04	4.67	11.5	12.3	98.4	NO	
40	43 13C8-PFOSA	506.1 > 77.7	3.72e3	2.03e4	0.180	5.09	4.73	2.30	12.8	102.1	NO	
41	44 13C8-PFOS	507.0 > 79.9	3.86e3	3.84e3	1.028	5.11	4.75	12.5	12.2	97.6	NO	
42	45 13C2-PFDA	515.1 > 469.9	1.67e4	1.47e4	1.096	5.40	5.04	14.3	13.0	104.1	NO	
43	46 13C2-8:2 FTS	529.1 > 508.7	3.11e3	1.87e4	0.201	5.38	5.01	2.08	10.3	82.7	NO	
44	47 d3-N-MeFOSAA	573.3 > 419	9.06e3	2.03e4	0.442	5.55	5.19	5.59	12.6	101.1	NO	
45	48 d5-N-EtFOSAA	589.3 > 419	9.77e3	2.03e4	0.469	5.70	5.35	6.02	12.8	102.7	NO	
46	49 13C2-PFUdA	565 > 519.8	1.98e4	2.03e4	1.060	5.72	5.36	12.2	11.5	92.1	NO	
47	50 13C2-PFDoA	615.0 > 569.7	1.73e4	2.03e4	0.847	5.99	5.65	10.7	12.6	100.6	NO	
48	51 d3-N-MeFOSA	515.2 > 168.9	2.49e4	2.03e4	0.104	5.93	5.93	15.4	148	98.9	NO	
49	52 13C2-PFTeDA	714.8 > 669.6	7.95e3	2.03e4	0.481	6.41	6.12	4.90	10.2	81.5	NO	
50	53 d5-N-ETFOSA	531.1 > 168.9	3.66e4	2.03e4	0.147	6.25	6.34	22.6	153	102.2	NO	
51	54 13C2-PFHxDA	815 > 769.7	7.29e3	2.03e4	1.039	6.69	6.47	4.50	4.33	86.6	NO	
52	55 d7-N-MeFOSE	623.1 > 58.9	2.47e4	2.03e4	0.110	6.31	6.47	15.3	138	92.1	NO	
53	56 d9-N-EtFOSE	639.2 > 58.8	2.88e4	2.03e4	0.108	6.45	6.61	17.7	165	109.9	NO	
54	57 13C4-PFBA	217. > 171.8	6.68e3	6.68e3	1.000	1.73	1.35	12.5	12.5	100.0	NO	
55	58 13C5-PFHxA	318 > 272.9	1.87e4	1.87e4	1.000	3.48	3.09	12.5	12.5	100.0	NO	
56	59 13C3-PFHxS	401.9 > 79.9	3.68e3	3.68e3	1.000	4.24	3.85	12.5	12.5	100.0	NO	
57	60 13C8-PFOA	421.3 > 376	1.77e4	1.77e4	1.000	4.61	4.23	12.5	12.5	100.0	NO	
58	61 13C9-PFNA	472.2 > 426.9	1.90e4	1.90e4	1.000	4.70	4.66	12.5	12.5	100.0	NO	
59	62 13C4-PFOS	503 > 79.9	3.84e3	3.84e3	1.000	5.11	4.75	12.5	12.5	100.0	NO	
60	63 13C6-PFDA	519.1 > 473.7	1.47e4	1.47e4	1.000	5.40	5.04	12.5	12.5	100.0	NO	
61	64 13C7-PFUdA	570.1 > 524.8	2.03e4	2.03e4	1.000	5.72	5.36	12.5	12.5	100.0	NO	

Dataset: Untitled

Last Altered: Wednesday, March 14, 2018 10:25:06 Pacific Daylight Time

Printed: Wednesday, March 14, 2018 10:25:24 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\IC18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180312M1_1	IPA	12-Mar-18	21:38:14
2	180312M1_2	ST180312M1-1 PFC CS-2 18B2813	12-Mar-18	21:49:37
3	180312M1_3	ST180312M1-2 PFC CS-1 18B2814	12-Mar-18	22:01:04
4	180312M1_4	ST180312M1-3 PFC CS0 18B2815	12-Mar-18	22:12:32
5	180312M1_5	ST180312M1-4 PFC CS1 18B2816	12-Mar-18	22:23:59
6	180312M1_6	ST180312M1-5 PFC CS2 18B2817	12-Mar-18	22:35:25
7	180312M1_7	ST180312M1-6 PFC CS3 18B2818	12-Mar-18	22:46:55
8	180312M1_8	ST180312M1-7 PFC CS4 18B2819	12-Mar-18	22:58:24
9	180312M1_9	ST180312M1-8 PFC CS5 18B2820	12-Mar-18	23:09:53
10	180312M1_10	ST180312M1-9 PFC CS6 18B2821	12-Mar-18	23:21:20
11	180312M1_11	ST180312M1-10 PFC CS7 18B2822	12-Mar-18	23:32:47
12	180312M1_12	IPA	12-Mar-18	23:44:14
13	180312M1_13	ICV180312M1-1 PFC ICV 18B2812	12-Mar-18	23:55:44
14	180312M1_14	IPA	13-Mar-18	00:07:14
15	180312M1_15	B8B0163-BS1 OPR 0.125	13-Mar-18	00:18:43
16	180312M1_16	B8B0163-BSD1 LCSD 0.125	13-Mar-18	00:30:12
17	180312M1_17	B8B0163-BLK1 Method Blank 0.125	13-Mar-18	00:41:41
18	180312M1_18	1800356-01 WI-AF-SB-FB-022018 0.11754	13-Mar-18	00:53:11
19	180312M1_19	1800356-02 WI-AF-EB11-SO-0218 0.11967	13-Mar-18	01:04:40
20	180312M1_20	1800361-01 WI-A06-EB01-021918 0.11631	13-Mar-18	01:16:09
21	180312M1_21	1800361-02 WI-A06-MW-13-0218 0.12182	13-Mar-18	01:27:38
22	180312M1_22	1800361-03 WI-A06-FB01-022018 0.12192	13-Mar-18	01:39:08
23	180312M1_23	1800361-04 WI-A06-6-DW-38A-0218 0.11965	13-Mar-18	01:50:37
24	180312M1_24	1800361-05 WI-A06-EB01-022018 0.12096	13-Mar-18	02:02:06
25	180312M1_25	1800361-06 WI-A06-6-S-27-0218 0.1213	13-Mar-18	02:13:36
26	180312M1_26	1800361-07 WI-A06-6-S-28-0218 0.12084	13-Mar-18	02:25:05
27	180312M1_27	1800361-08 WI-A06-FB01-022118 0.11778	13-Mar-18	02:36:36
28	180312M1_28	1800361-09 WI-A06-MW-01-0218 0.12063	13-Mar-18	02:48:05
29	180312M1_29	1800361-10 WI-A06-EB01-022118 0.12144	13-Mar-18	02:59:35
30	180312M1_30	IPA	13-Mar-18	03:11:01
31	180312M1_31	ST180312M1-11 PFC CS3 18B2818	13-Mar-18	03:22:31

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Wednesday, March 14, 2018 10:25:06 Pacific Daylight Time

Printed: Wednesday, March 14, 2018 10:25:24 Pacific Daylight Time

Compound name: PFBA

	Name	ID	Acq Date	Acq Time
32	180312M1_32	IPA	13-Mar-18	03:34:01
33	180312M1_33	B8C0006-BS1 OPR 0.25	13-Mar-18	03:45:28
34	180312M1_34	B8C0006-BSD1 LCSD 0.25	13-Mar-18	03:56:55
35	180312M1_35	B8C0006-BLK1 Method Blank 0.25	13-Mar-18	04:08:22
36	180312M1_36	1800367-01 WI-A06-EB01-0218 0.12311	13-Mar-18	04:19:48
37	180312M1_37	1800367-02 WI-A06-MW03B-0218 0.11921	13-Mar-18	04:31:16
38	180312M1_38	1800367-03 WI-A06-FB01-022218 0.12396	13-Mar-18	04:42:43
39	180312M1_39	1800367-04 WI-A06-6-S-02-0218 0.11895	13-Mar-18	04:54:12
40	180312M1_40	1800367-05 WI-A06-6-S-05-0218 0.12239	13-Mar-18	05:05:42
41	180312M1_41	1800367-06 WI-A06-6-S-05P-0218 0.12532	13-Mar-18	05:17:12
42	180312M1_42	1800367-07 WI-A06-FB01-022318 0.12195	13-Mar-18	05:28:38
43	180312M1_43	1800367-08 WI-A06-EB01-022318 0.12383	13-Mar-18	05:40:09
44	180312M1_44	1800369-01 GW2630180222RAP 0.25761	13-Mar-18	05:51:38
45	180312M1_45	1800369-02 GW3640180222RAP 0.24942	13-Mar-18	06:03:07
46	180312M1_46	1800369-03 GW4650180223RAP 0.2611	13-Mar-18	06:14:37
47	180312M1_47	1800370-01 WR1802230920JLB 0.27194	13-Mar-18	06:26:06
48	180312M1_48	1800370-02 WR1802230950JLB 0.27055	13-Mar-18	06:37:35
49	180312M1_49	1800370-03 WR1802231025JLB 0.25444	13-Mar-18	06:49:04
50	180312M1_50	IPA	13-Mar-18	07:00:31
51	180312M1_51	ST180312M1-12 PFC CS3 18B2818	13-Mar-18	07:12:00
52	180312M1_52	IPA	13-Mar-18	07:23:29
53	180312M1_53	1800370-04 FB1802231030JLB 0.23963	13-Mar-18	07:34:58
54	180312M1_54	1800370-05 WR1802231120JLB 0.27209	13-Mar-18	07:46:28
55	180312M1_55	1800370-06 WR1802231155JLB 0.255	13-Mar-18	07:57:57
56	180312M1_56	1800370-07 WT1802261035JLB 0.27331	13-Mar-18	08:09:24
57	180312M1_57	1800370-08 WT1802261100JLB 0.27258	13-Mar-18	08:20:54
58	180312M1_58	1800370-09 WR1802261125JLB 0.25932	13-Mar-18	08:32:21
59	180312M1_59	B8C0034-BLK1 Method Blank 1	13-Mar-18	08:43:50
60	180312M1_60	IPA	13-Mar-18	08:55:17
61	180312M1_61	ST180312M1-13 PFC CS3 18B2818	13-Mar-18	09:06:47
62	180312M1_62	ST180312M1-14 PFC CS0 18B2815	13-Mar-18	09:18:16
63	180312M1_63	IPA	13-Mar-18	09:29:46
64	180312M1_64	B8C0034-BS1 OPR 1	13-Mar-18	09:50:53
65	180312M1_65	B8C0034-MS1 Matrix Spike 1.36	13-Mar-18	10:02:16

Dataset: Untitled

Last Altered: Wednesday, March 14, 2018 10:25:06 Pacific Daylight Time

Printed: Wednesday, March 14, 2018 10:25:24 Pacific Daylight Time

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
66	180312M1_66	B8C0034-MSD1 Matrix Spike Dup 1.32	13-Mar-18	10:13:43
67	180312M1_67	1800386-01 WI-AF-IDW-SO1-022818 1.31	13-Mar-18	10:25:09
68	180312M1_68	1800386-02 WI-AF-IDW-SO2-022818 1.31	13-Mar-18	10:36:39
69	180312M1_69	1800386-03 WI-AF-IDW-SO3-022818 1.17	13-Mar-18	10:48:05
70	180312M1_70	B8C0035-BLK1 Method Blank 0.25	13-Mar-18	10:59:35
71	180312M1_71	B8C0035-BS1 OPR 0.25	13-Mar-18	11:11:04
72	180312M1_72	1800372-01 Lagoon (420-133404-1) 0.12004	13-Mar-18	11:22:34
73	180312M1_73	1800373-01 Military St, Baptist Church 0.25615	13-Mar-18	11:34:03
74	180312M1_74	1800373-02 Field Blank 0.25593	13-Mar-18	11:45:33
75	180312M1_75	1800376-01 WT1802270825MK 0.27826	13-Mar-18	11:57:03
76	180312M1_76	1800376-02 WT1802270925MK 0.27279	13-Mar-18	12:08:30
77	180312M1_77	1800376-03 WT1802270940MK 0.2742	13-Mar-18	12:20:01
78	180312M1_78	1800376-04 WT1802270955MK 0.28104	13-Mar-18	12:31:31
79	180312M1_79	1800397-01 GW1216180226RAP 0.25954	13-Mar-18	12:42:58
80	180312M1_80	IPA	13-Mar-18	12:54:27
81	180312M1_81	ST180312M1-15 PFC CS3 18B2818	13-Mar-18	13:05:57
82	180312M1_82	IPA	13-Mar-18	13:17:26
83	180312M1_83	1800397-02 GW2226180226RAP 0.25726	13-Mar-18	13:28:56
84	180312M1_84	1800397-03 GW3438180226RAP 0.26026	13-Mar-18	13:40:26
85	180312M1_85	1800397-04 GW4246180227RAP 0.25698	13-Mar-18	13:51:55
86	180312M1_86	1800397-05 GW5256180227RAP 0.25852	13-Mar-18	14:03:24
87	180312M1_87	1800397-06 GW5963180227RAP 0.26136	13-Mar-18	14:14:55
88	180312M1_88	1800397-07 GW1115180228RAP 0.25801	13-Mar-18	14:26:21
89	180312M1_89	1800397-08 GW2125180228RAP 0.25607	13-Mar-18	14:37:48
90	180312M1_90	1800397-09 GW3135180228RAP 0.26383	13-Mar-18	14:49:15
91	180312M1_91	1800397-10 GW4145180228RAP 0.2572	13-Mar-18	15:00:42
92	180312M1_92	1800397-11 GW4751180301RAP 0.26378	13-Mar-18	15:12:11
93	180312M1_93	IPA	13-Mar-18	15:23:40
94	180312M1_94	ST180312M1-16 PFC CS3 18B2818	13-Mar-18	15:35:07
95	180312M1_95	IPA	13-Mar-18	15:46:36
96	180312M1_96	1800397-12 FD-GW4751180301RAP 0.25428	13-Mar-18	15:58:05
97	180312M1_97	B8B0152-BS1 OPR 3	13-Mar-18	16:09:35
98	180312M1_98	B8B0152-BLK1 Method Blank 3	13-Mar-18	16:21:04
99	180312M1_99	1800282-01 6164335677 3	13-Mar-18	16:32:33



Dataset: Untitled

Last Altered: Wednesday, March 14, 2018 10:25:06 Pacific Daylight Time  
Printed: Wednesday, March 14, 2018 10:25:24 Pacific Daylight Time

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
100	180312M1_100	1800315-01 012918A 3	13-Mar-18	16:44:03
101	180312M1_101	1800315-02 012918B 3	13-Mar-18	16:55:32
102	180312M1_102	1800315-03 012918C 3	13-Mar-18	17:07:02
103	180312M1_103	1800315-04 012918D 3	13-Mar-18	17:18:32
104	180312M1_104	IPA	13-Mar-18	17:29:58
105	180312M1_105	ST180312M1-17 PFC CS3 18B2818	13-Mar-18	17:41:28
106	180312M1_106	IPA	13-Mar-18	17:52:58

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-31.qld

Last Altered: Wednesday, March 14, 2018 09:32:45 Pacific Daylight Time

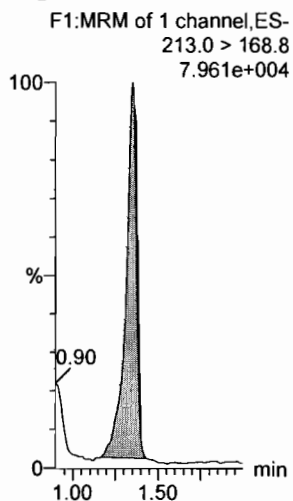
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

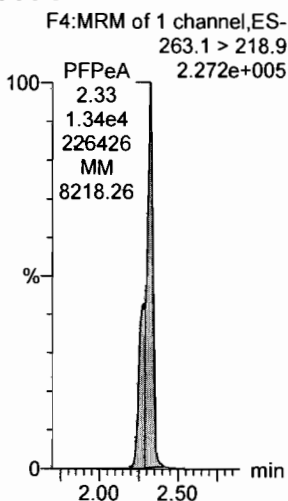
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_31, Date: 13-Mar-2018, Time: 03:22:31, ID: ST180312M1-11 PFC CS3 18B2818, Description: PFC CS3 18B2818

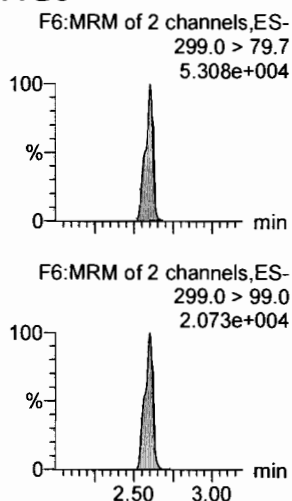
**PFBA**



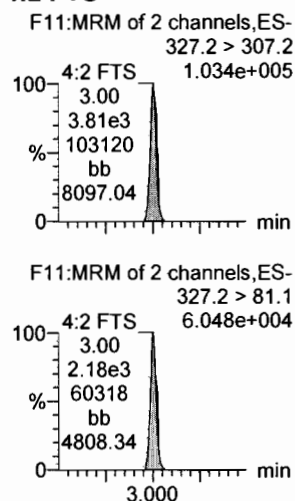
**PFPeA**



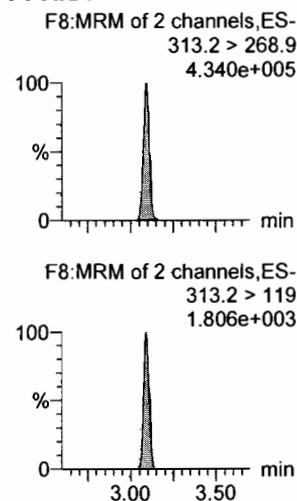
**PFBS**



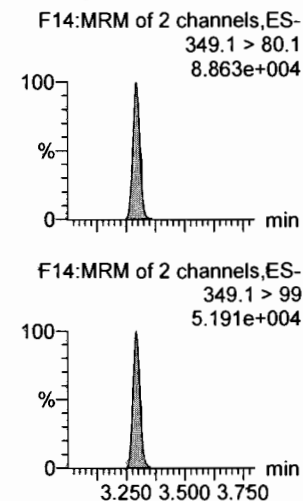
**4:2 FTS**



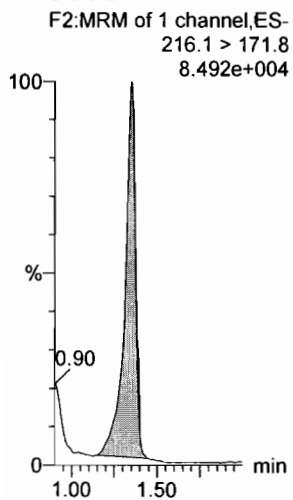
**PFHxA**



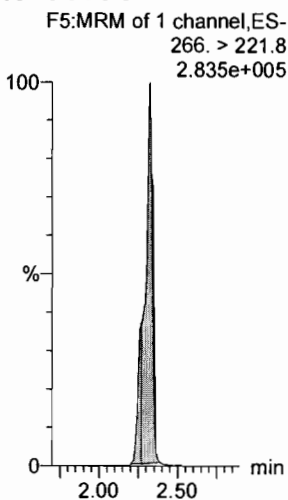
**PFPeS**



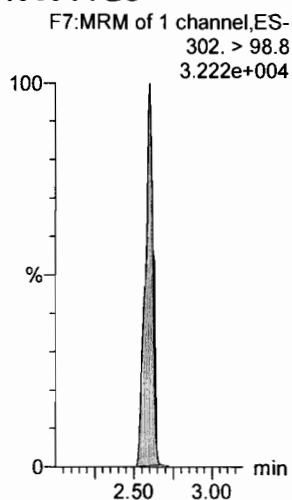
**13C3-PFBA**



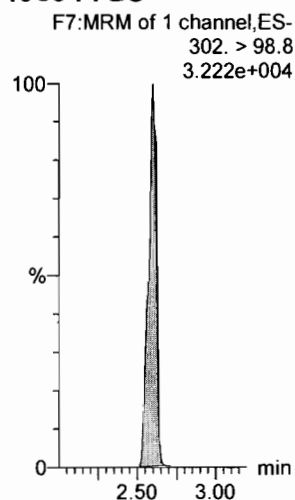
**13C3-PFPeA**



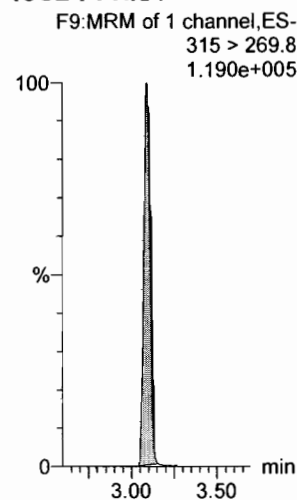
**13C3-PFBS**



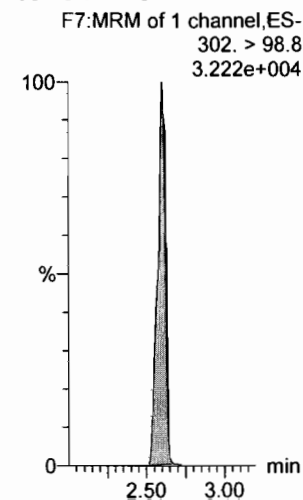
**13C3-PFBS**



**13C2-PFHxA**



**13C3-PFBS**



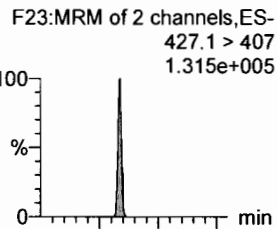
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Last Altered: Wednesday, March 14, 2018 09:32:45 Pacific Daylight Time

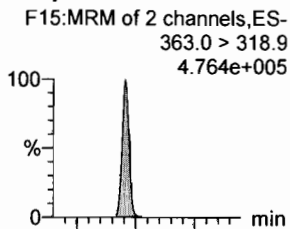
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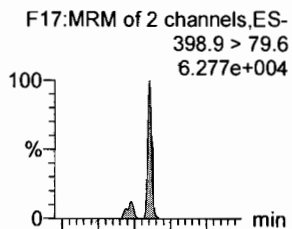
6:2 FTS



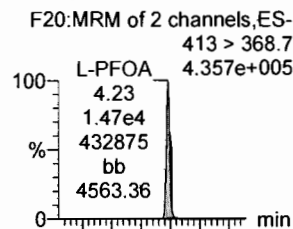
PFHpA



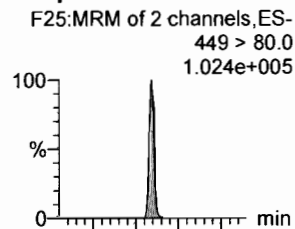
L-PFHxS



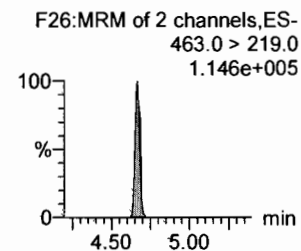
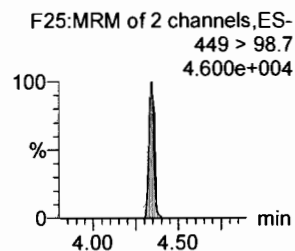
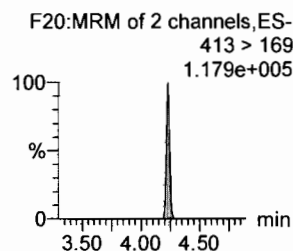
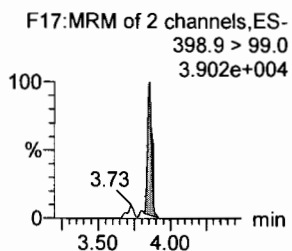
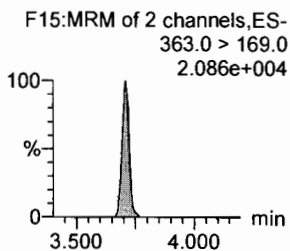
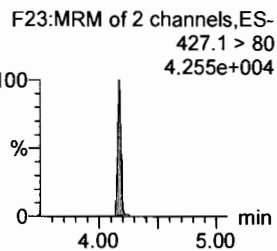
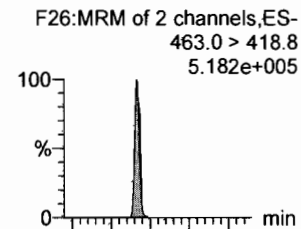
L-PFOA



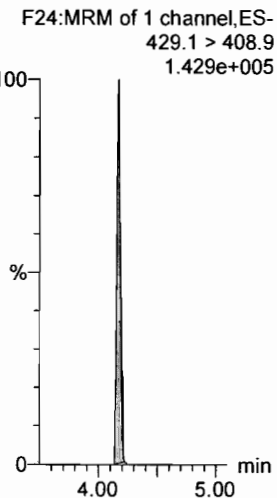
PFHpS



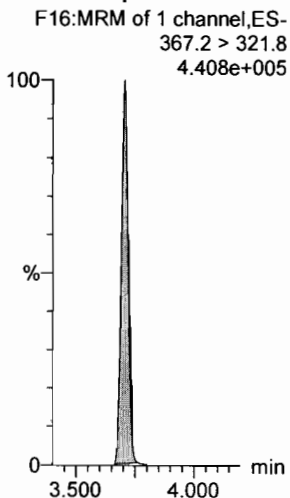
PFNA



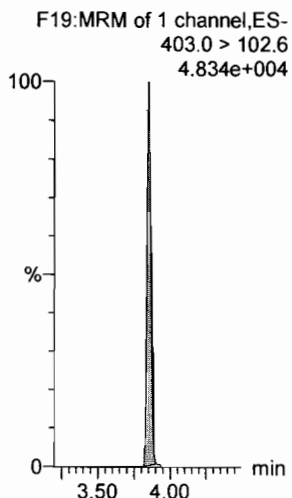
13C2-6:2 FTS



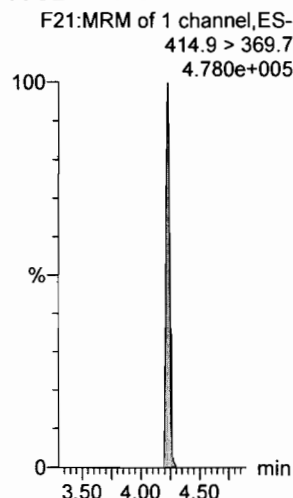
13C4-PFHpA



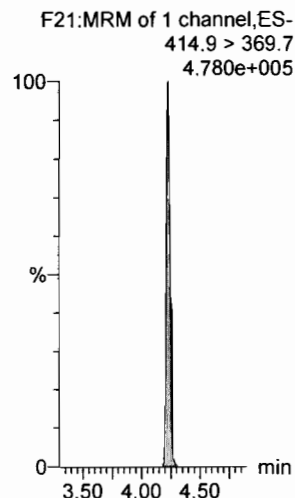
18O2-PFHxS



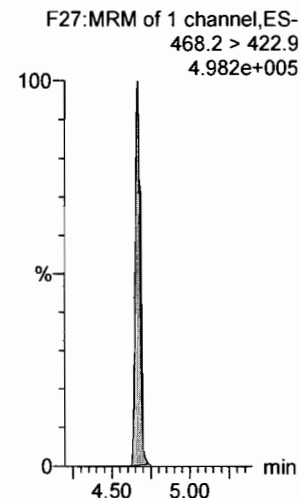
13C2-PFOA



13C2-PFOA



13C5-PFNA



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-31.qld

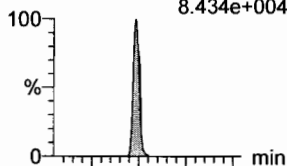
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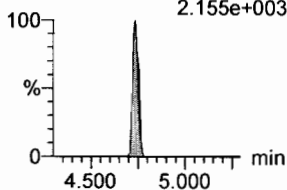
Name: 180312M1\_31, Date: 13-Mar-2018, Time: 03:22:31, ID: ST180312M1-11 PFC CS3 18B2818, Description: PFC CS3 18B2818

**PFOSA**

F29:MRM of 4 channels,ES-  
498.1 > 77.8  
8.434e+004

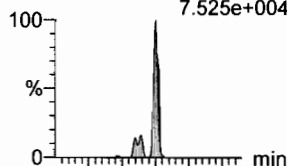


F29:MRM of 4 channels,ES-  
498.1 > 478  
2.155e+003

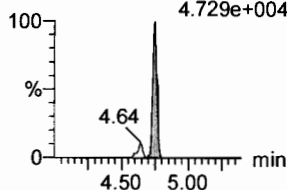


**L-PFOS**

F31:MRM of 2 channels,ES-  
499 > 79.9  
7.525e+004

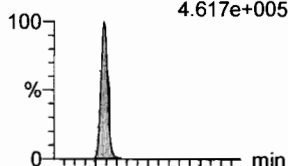


F31:MRM of 2 channels,ES-  
499 > 99  
4.729e+004

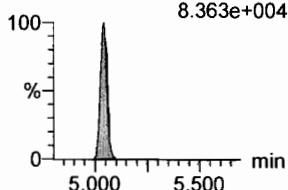


**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
4.617e+005

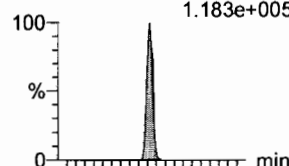


F36:MRM of 2 channels,ES-  
513 > 219  
8.363e+004

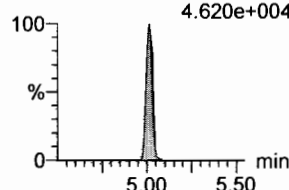


**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
1.183e+005

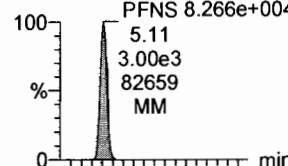


F41:MRM of 2 channels,ES-  
527 > 80  
4.620e+004

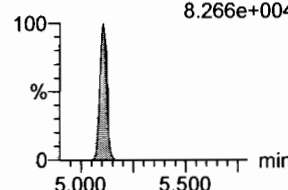


**PFNS**

F44:MRM of 2 channels,ES-  
549.1 > 80.1  
8.266e+004



F44:MRM of 2 channels,ES-  
549.1 > 80.1  
8.266e+004

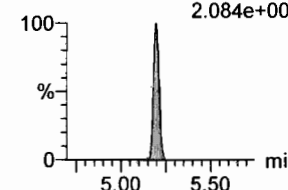


**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
3.137e+005

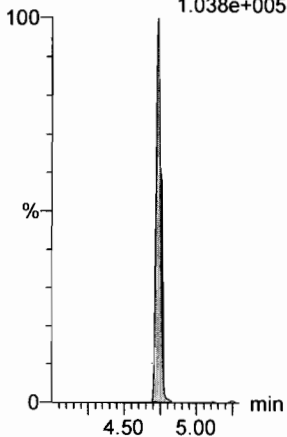


F47:MRM of 2 channels,ES-  
570.1 > 483.0  
2.084e+004



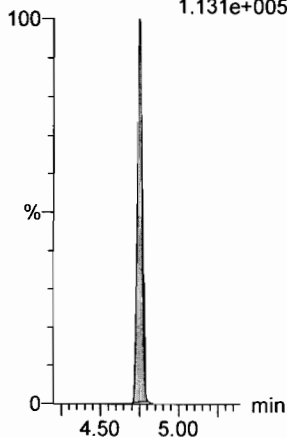
**13C8-PFOSA**

F33:MRM of 1 channel,ES-  
506.1 > 77.7  
1.038e+005



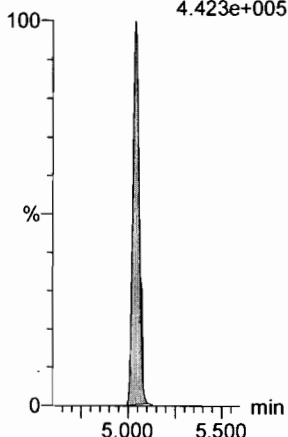
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
1.131e+005



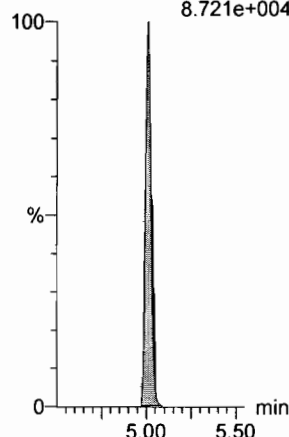
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
4.423e+005



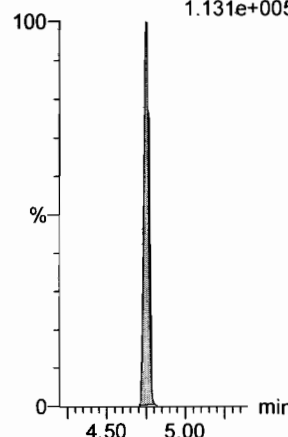
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
8.721e+004



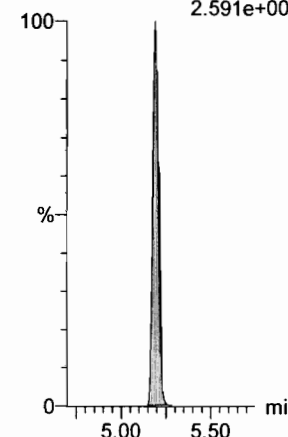
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
1.131e+005



**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
2.591e+005

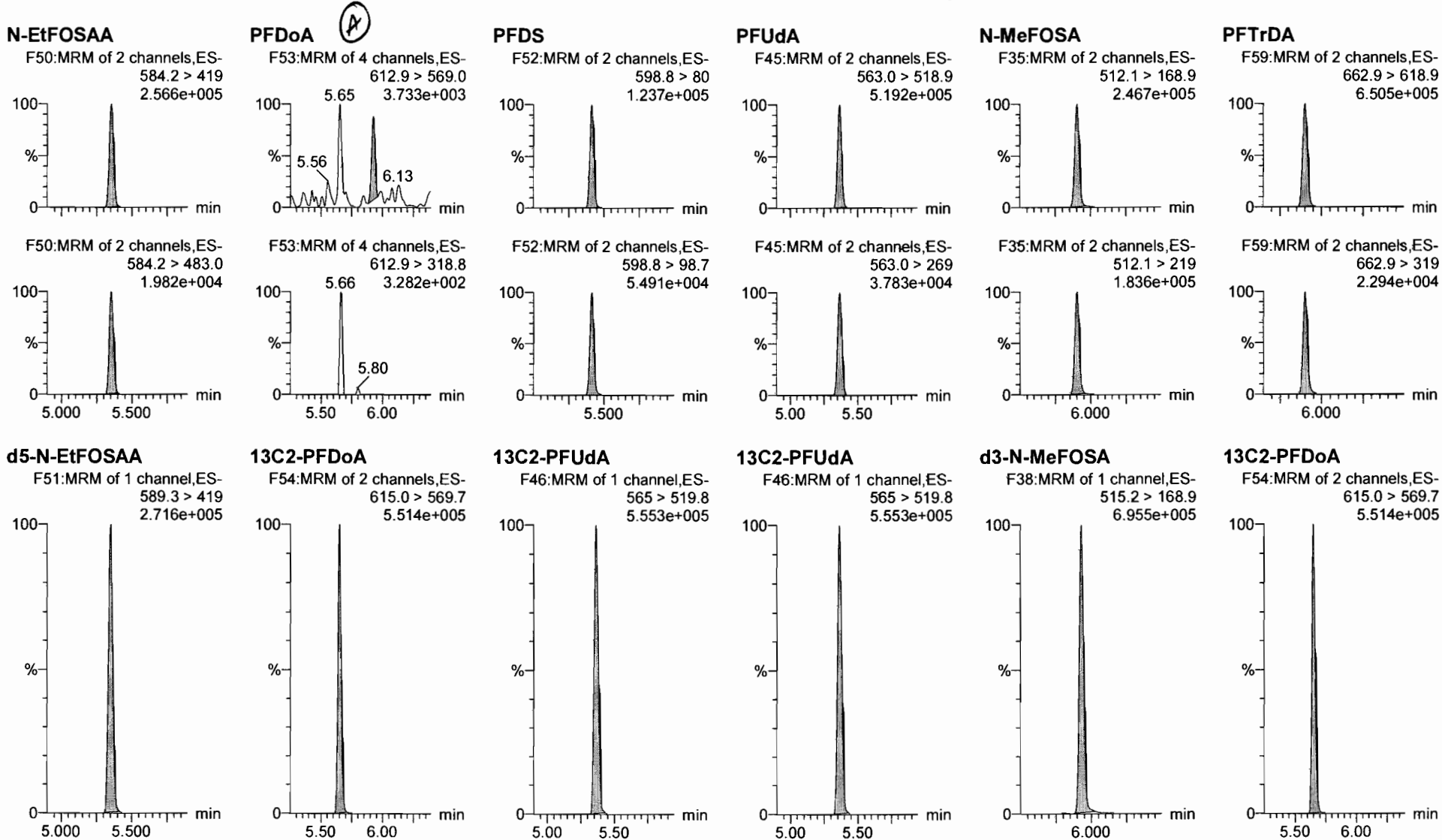


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Last Altered: Wednesday, March 14, 2018 09:32:45 Pacific Daylight Time

Printed: Wednesday, March 14, 2018 09:33:10 Pacific Daylight Time

Name: 180312M1\_31, Date: 13-Mar-2018, Time: 03:22:31, ID: ST180312M1-11 PFC CS3 18B2818, Description: PFC CS3 18B2818



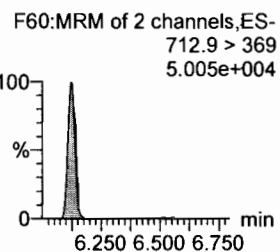
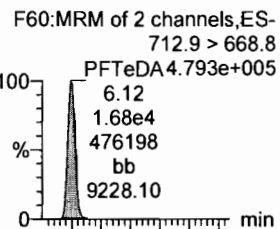
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Last Altered: Wednesday, March 14, 2018 09:32:45 Pacific Daylight Time

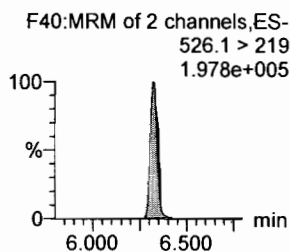
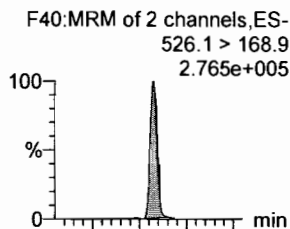
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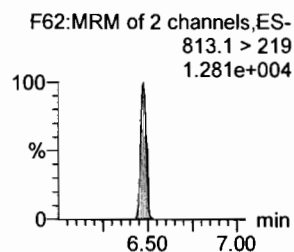
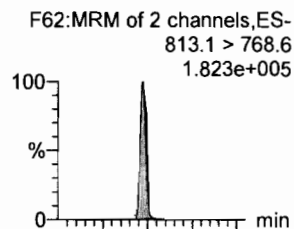
**PFTeDA**



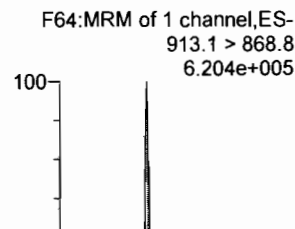
**N-EtFOSA**



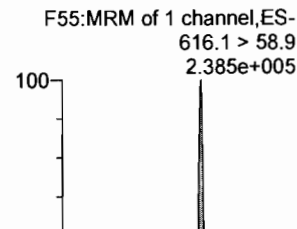
**PFHxDA**



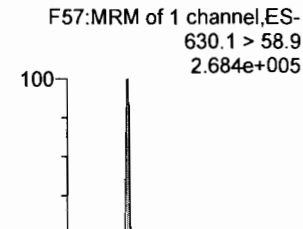
**PFODA**



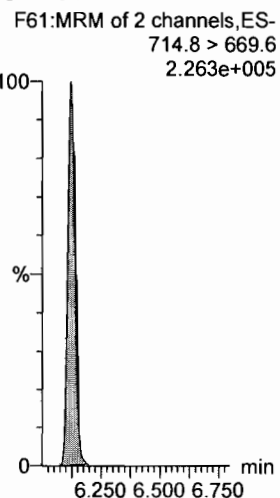
**N-MeFOSE**



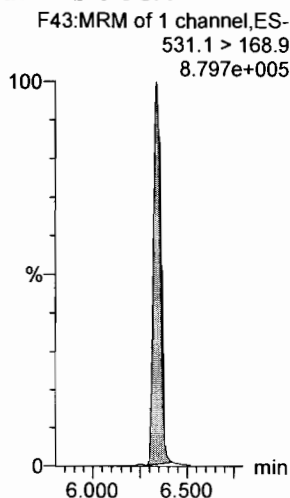
**N-EtFOSE**



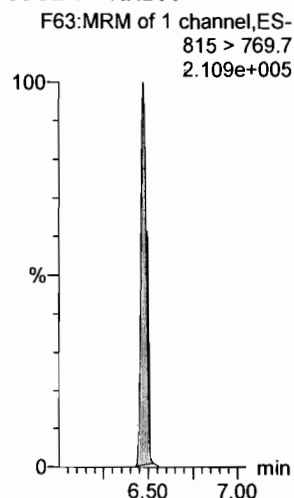
**13C2-PFTeDA**



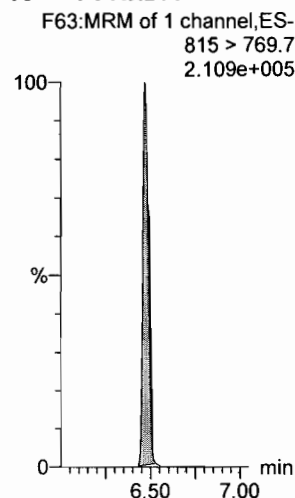
**d5-N-ETFOSA**



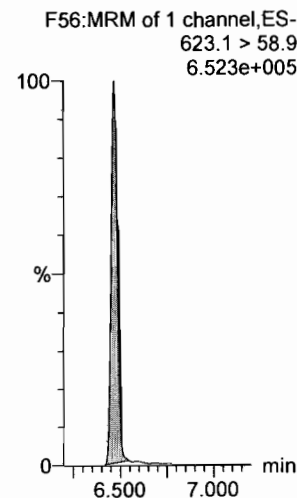
**13C2-PFHxDA**



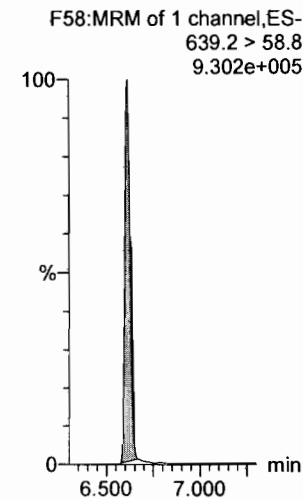
**13C2-PFHxDA**



**d7-N-MeFOSE**



**d9-N-EtFOSE**



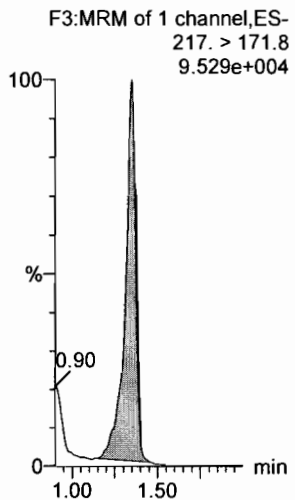
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Last Altered: Wednesday, March 14, 2018 09:32:45 Pacific Daylight Time

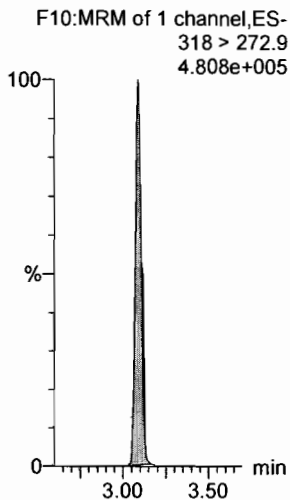
Printed: Wednesday, March 14, 2018 09:33:10 Pacific Daylight Time

Name: 180312M1\_31, Date: 13-Mar-2018, Time: 03:22:31, ID: ST180312M1-11 PFC CS3 18B2818, Description: PFC CS3 18B2818

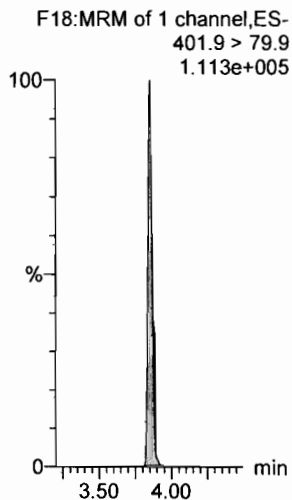
**13C4-PFBA**



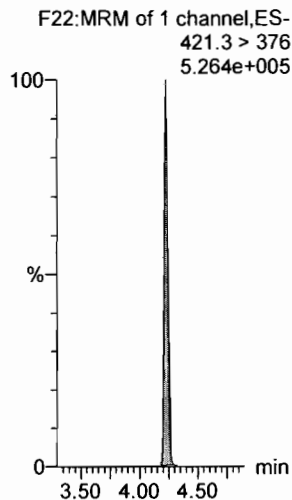
**13C5-PFHxA**



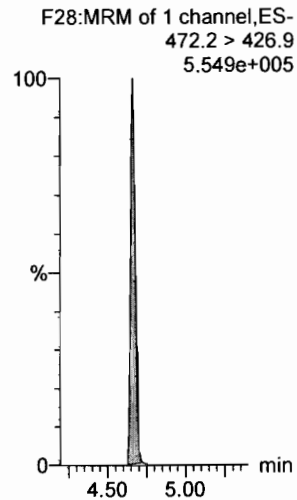
**13C3-PFHxS**



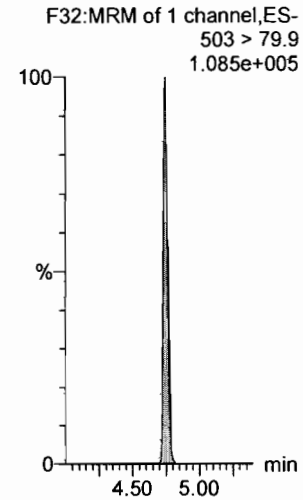
**13C8-PFOA**



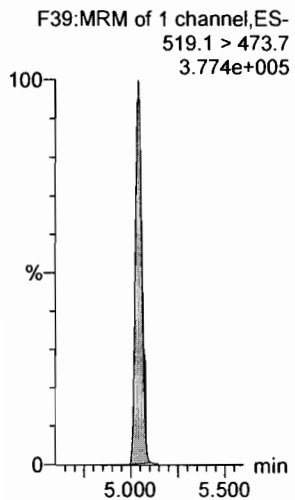
**13C9-PFNA**



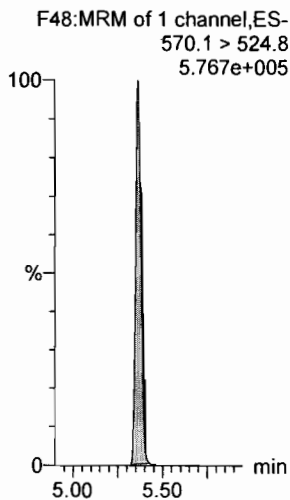
**13C4-PFOS**



**13C6-PFDA**



**13C7-PFuDA**



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-51.qld

Last Altered: Wednesday, March 14, 2018 09:35:58 Pacific Daylight Time

Printed: Wednesday, March 14, 2018 09:36:11 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_51, Date: 13-Mar-2018, Time: 07:12:00, ID: ST180312M1-12 PFC CS3 18B2818, Description: PFC CS3 18B2818

Ⓐ Above limit criteria  
Ⓑ Not used.

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
1	1 PFBA	213.0 > 168.8	5.87e3	6.13e3		1.37	1.36	12.0	10.6	105.9		NO
2	2 PFPeA	263.1 > 218.9	1.41e4	1.67e4		2.70	2.33	10.6	10.7	107.0		NO
3	3 PFBS	299.0 > 79.7	3.18e3	1.91e3		2.98	2.61	20.9	11.2	112.0		NO
4	4 4:2 FTS	327.2 > 307.2	3.96e3	1.91e3		3.38	3.00	25.9	11.7	117.3		NO
5	5 PFHxA	313.2 > 268.9	1.71e4	5.19e3		3.48	3.09	16.5	11.3	113.2		NO
6	6 PFPeS	349.1 > 80.1	3.06e3	1.91e3		3.67	3.29	20.1	12.0	120.4		NO
7	7 PFHpA	363.0 > 318.9	1.57e4	1.37e4		4.10	3.71	14.4	11.3	113.5		NO
8	8 L-PFHxS	398.9 > 79.6	2.55e3	1.62e3		4.24	3.85	19.6	10.9	108.8		NO
9	10 6:2 FTS	427.1 > 407	4.22e3	4.85e3		4.56	4.17	10.9	11.6	116.1		NO
10	11 L-PFOA	413 > 368.7	1.60e4	1.99e4		4.30	4.23	10.1	10.9	109.2		NO
11	13 PFHpS	449 > 80.0	3.25e3	1.99e4		4.71	4.34	2.04	10.5	105.0		NO
12	14 PFNA	463.0 > 418.8	2.16e4	2.20e4		5.04	4.67	12.3	11.5	115.2		NO
13	15 PFOSA	498.1 > 77.8	3.33e3	3.94e3		5.09	4.73	10.6	10.7	107.5		NO
14	16 L-PFOS	499 > 79.9	3.75e3	4.24e3		4.84	4.75	11.0	10.1	101.3		NO
15	18 PFDA	513 > 468.8	1.88e4	1.72e4		5.40	5.04	13.7	10.4	103.9		NO
16	19 8:2 FTS	527 > 506.9	4.80e3	2.92e3		5.38	5.01	20.6	12.9	129.1		NO
17	20 PFNS	549.1 > 80.1	3.01e3	4.24e3		5.19	5.11	8.88	10.2	102.2		NO
18	21 N-MeFOSAA	570.1 > 419	1.08e4	9.16e3		5.55	5.19	14.7	10.7	106.7		NO
19	22 N-EtFOSAA	584.2 > 419	9.58e3	1.00e4		5.70	5.36	11.9	11.3	112.7		NO
20	23 PFUdA	563.0 > 518.9	1.68e4	1.57e4		5.72	5.36	13.4	13.0	129.8		NO
21	24 PFDS	598.8 > 80	3.73e3	1.57e4		5.76	5.41	2.96	13.5	135.5 <sup>Ⓐ</sup>		YES
22	25 PFDaA	612.9 > 569.0	1.13e2	1.52e4		5.99	5.93	0.0926	12.7	126.8 <sup>Ⓑ</sup>		NO
23	26 N-MeFOSA	512.1 > 168.9	9.12e3	2.62e4		5.93	5.90	52.3	53.4	106.9		NO
24	27 PFTrDA	662.9 > 618.9	2.15e4	1.52e4		6.22	5.90	17.6	12.0	119.9		NO
25	28 PFTeDA	712.9 > 668.8	1.53e4	6.91e3		6.41	6.12	27.6	12.1	120.9		NO
26	29 N-EtFOSA	526.1 > 168.9	1.21e4	3.81e4		6.25	6.32	47.7	53.0	106.1		NO
27	30 PFHxDA	813.1 > 768.6	6.99e3	7.36e3		6.69	6.47	4.75	9.66	96.6		NO
28	31 PFODA	913.1 > 868.8	1.82e4	7.36e3		6.90	6.72	12.4	10.9	108.6		NO
29	32 N-MeFOSE	616.1 > 58.9	8.74e3	3.36e4		6.31	6.48	39.0	43.0	86.1		NO
30	33 N-EtFOSE	630.1 > 58.9	1.07e4	2.92e4		6.45	6.62	55.1	53.5	107.0		NO
31	34 13C3-PFBA	216.1 > 171.8	6.13e3	7.21e3	0.864	1.37	1.35	10.6	12.3	98.5		NO

✓ VBF 3/14/18  
DM 3/14/19



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-51.qld

Last Altered: Wednesday, March 14, 2018 09:35:58 Pacific Daylight Time

Printed: Wednesday, March 14, 2018 09:36:11 Pacific Daylight Time

Name: 180312M1\_51, Date: 13-Mar-2018, Time: 07:12:00, ID: ST180312M1-12 PFC CS3 18B2818, Description: PFC CS3 18B2818

	# Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
32	35 13C3-PFPeA	266. > 221.8	1.67e4	1.96e4	0.862	2.70	2.33	10.7	12.4	98.8	NO	
33	36 13C3-PFBS	302. > 98.8	1.91e3	1.96e4	0.103	2.98	2.61	1.22	11.8	94.2	NO	
34	37 13C2-PFHxA	315 > 269.8	5.19e3	1.96e4	0.733	3.48	3.09	3.31	4.52	90.3	NO	
35	38 13C4-PFHpA	367.2 > 321.8	1.37e4	1.96e4	0.726	4.10	3.71	8.71	12.0	96.1	NO	
36	39 18O2-PFHxS	403.0 > 102.6	1.62e3	4.27e3	0.402	4.24	3.85	4.75	11.8	94.4	NO	
37	40 13C2-6:2 FTS	429.1 > 408.9	4.85e3	1.97e4	0.259	4.56	4.17	3.08	11.9	95.1	NO	
38	41 13C2-PFOA	414.9 > 369.7	1.99e4	1.97e4	1.057	4.61	4.23	12.6	11.9	95.5	NO	
39	42 13C5-PFNA	468.2 > 422.9	2.20e4	2.19e4	0.933	5.04	4.67	12.6	13.5	107.8	NO	
40	43 13C8-PFOSA	506.1 > 77.7	3.94e3	1.75e4	0.180	5.09	4.73	2.81	15.6	124.9	NO	
41	44 13C8-PFOS	507.0 > 79.9	4.24e3	4.25e3	1.028	5.11	4.75	12.5	12.1	97.1	NO	
42	45 13C2-PFDA	515.1 > 469.9	1.72e4	1.57e4	1.096	5.40	5.04	13.7	12.5	99.9	NO	
43	46 13C2-8:2 FTS	529.1 > 508.7	2.92e3	1.96e4	0.201	5.38	5.01	1.86	9.26	74.1	NO	
44	47 d3-N-MeFOSAA	573.3 > 419	9.16e3	1.75e4	0.442	5.55	5.19	6.53	14.8	118.2	NO	
45	48 d5-N-EtFOSAA	589.3 > 419	1.00e4	1.75e4	0.469	5.70	5.35	7.16	15.3	122.2	NO	
46	49 13C2-PFUdA	565 > 519.8	1.57e4	1.75e4	1.060	5.72	5.36	11.2	10.6	84.8	NO	
47	50 13C2-PFDoA	615.0 > 569.7	1.52e4	1.75e4	0.847	5.99	5.65	10.9	12.8	102.6	NO	
48	51 d3-N-MeFOSA	515.2 > 168.9	2.62e4	1.75e4	0.104	5.93	5.93	18.6	180	119.9	NO	
49	52 13C2-PFTeDA	714.8 > 669.6	6.91e3	1.75e4	0.481	6.41	6.12	4.93	10.2	81.9	NO	
50	53 d5-N-ETFOSA	531.1 > 168.9	3.81e4	1.75e4	0.147	6.25	6.34	27.2	185	123.2	NO	
51	54 13C2-PFHxDA	815 > 769.7	7.36e3	1.75e4	1.039	6.69	6.47	5.25	5.05	101.1	NO	
52	55 d7-N-MeFOSE	623.1 > 58.9	3.36e4	1.75e4	0.110	6.31	6.47	24.0	217	144.7	NO	
53	56 d9-N-EtFOSE	639.2 > 58.8	2.92e4	1.75e4	0.108	6.45	6.61	20.8	193	128.8	NO	
54	57 13C4-PFBA	217. > 171.8	7.21e3	7.21e3	1.000	1.73	1.35	12.5	12.5	100.0	NO	
55	58 13C5-PFHxA	318 > 272.9	1.96e4	1.96e4	1.000	3.48	3.09	12.5	12.5	100.0	NO	
56	59 13C3-PFHxS	401.9 > 79.9	4.27e3	4.27e3	1.000	4.24	3.85	12.5	12.5	100.0	NO	
57	60 13C8-PFOA	421.3 > 376	1.97e4	1.97e4	1.000	4.61	4.23	12.5	12.5	100.0	NO	
58	61 13C9-PFNA	472.2 > 426.9	2.19e4	2.19e4	1.000	4.70	4.66	12.5	12.5	100.0	NO	
59	62 13C4-PFOS	503 > 79.9	4.25e3	4.25e3	1.000	5.11	4.75	12.5	12.5	100.0	NO	
60	63 13C6-PFDA	519.1 > 473.7	1.57e4	1.57e4	1.000	5.40	5.04	12.5	12.5	100.0	NO	
61	64 13C7-PFUdA	570.1 > 524.8	1.75e4	1.75e4	1.000	5.72	5.36	12.5	12.5	100.0	NO	

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Wednesday, March 14, 2018 10:25:06 Pacific Daylight Time

Printed: Wednesday, March 14, 2018 10:25:24 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180312M1_1	IPA	12-Mar-18	21:38:14
2	180312M1_2	ST180312M1-1 PFC CS-2 18B2813	12-Mar-18	21:49:37
3	180312M1_3	ST180312M1-2 PFC CS-1 18B2814	12-Mar-18	22:01:04
4	180312M1_4	ST180312M1-3 PFC CS0 18B2815	12-Mar-18	22:12:32
5	180312M1_5	ST180312M1-4 PFC CS1 18B2816	12-Mar-18	22:23:59
6	180312M1_6	ST180312M1-5 PFC CS2 18B2817	12-Mar-18	22:35:25
7	180312M1_7	ST180312M1-6 PFC CS3 18B2818	12-Mar-18	22:46:55
8	180312M1_8	ST180312M1-7 PFC CS4 18B2819	12-Mar-18	22:58:24
9	180312M1_9	ST180312M1-8 PFC CS5 18B2820	12-Mar-18	23:09:53
10	180312M1_10	ST180312M1-9 PFC CS6 18B2821	12-Mar-18	23:21:20
11	180312M1_11	ST180312M1-10 PFC CS7 18B2822	12-Mar-18	23:32:47
12	180312M1_12	IPA	12-Mar-18	23:44:14
13	180312M1_13	ICV180312M1-1 PFC ICV 18B2812	12-Mar-18	23:55:44
14	180312M1_14	IPA	13-Mar-18	00:07:14
15	180312M1_15	B8B0163-BS1 OPR 0.125	13-Mar-18	00:18:43
16	180312M1_16	B8B0163-BSD1 LCSD 0.125	13-Mar-18	00:30:12
17	180312M1_17	B8B0163-BLK1 Method Blank 0.125	13-Mar-18	00:41:41
18	180312M1_18	1800356-01 WI-AF-SB-FB-022018 0.11754	13-Mar-18	00:53:11
19	180312M1_19	1800356-02 WI-AF-EB11-SO-0218 0.11967	13-Mar-18	01:04:40
20	180312M1_20	1800361-01 WI-A06-EB01-021918 0.11631	13-Mar-18	01:16:09
21	180312M1_21	1800361-02 WI-A06-MW-13-0218 0.12182	13-Mar-18	01:27:38
22	180312M1_22	1800361-03 WI-A06-FB01-022018 0.12192	13-Mar-18	01:39:08
23	180312M1_23	1800361-04 WI-A06-6-DW-38A-0218 0.11965	13-Mar-18	01:50:37
24	180312M1_24	1800361-05 WI-A06-EB01-022018 0.12096	13-Mar-18	02:02:06
25	180312M1_25	1800361-06 WI-A06-6-S-27-0218 0.1213	13-Mar-18	02:13:36
26	180312M1_26	1800361-07 WI-A06-6-S-28-0218 0.12084	13-Mar-18	02:25:05
27	180312M1_27	1800361-08 WI-A06-FB01-022118 0.11778	13-Mar-18	02:36:36
28	180312M1_28	1800361-09 WI-A06-MW-01-0218 0.12063	13-Mar-18	02:48:05
29	180312M1_29	1800361-10 WI-A06-EB01-022118 0.12144	13-Mar-18	02:59:35
30	180312M1_30	IPA	13-Mar-18	03:11:01
31	180312M1_31	ST180312M1-11 PFC CS3 18B2818	13-Mar-18	03:22:31

Dataset: Untitled

Last Altered: Wednesday, March 14, 2018 10:25:06 Pacific Daylight Time

Printed: Wednesday, March 14, 2018 10:25:24 Pacific Daylight Time

Compound name: PFBA

	Name	ID	Acq Date	Acq Time
32	180312M1_32	IPA	13-Mar-18	03:34:01
33	180312M1_33	B8C0006-BS1 OPR 0.25	13-Mar-18	03:45:28
34	180312M1_34	B8C0006-BSD1 LCSD 0.25	13-Mar-18	03:56:55
35	180312M1_35	B8C0006-BLK1 Method Blank 0.25	13-Mar-18	04:08:22
36	180312M1_36	1800367-01 WI-A06-EB01-0218 0.12311	13-Mar-18	04:19:48
37	180312M1_37	1800367-02 WI-A06-MW03B-0218 0.11921	13-Mar-18	04:31:16
38	180312M1_38	1800367-03 WI-A06-FB01-022218 0.12396	13-Mar-18	04:42:43
39	180312M1_39	1800367-04 WI-A06-6-S-02-0218 0.11895	13-Mar-18	04:54:12
40	180312M1_40	1800367-05 WI-A06-6-S-05-0218 0.12239	13-Mar-18	05:05:42
41	180312M1_41	1800367-06 WI-A06-6-S-05P-0218 0.12532	13-Mar-18	05:17:12
42	180312M1_42	1800367-07 WI-A06-FB01-022318 0.12195	13-Mar-18	05:28:38
43	180312M1_43	1800367-08 WI-A06-EB01-022318 0.12383	13-Mar-18	05:40:09
44	180312M1_44	1800369-01 GW2630180222RAP 0.25761	13-Mar-18	05:51:38
45	180312M1_45	1800369-02 GW3640180222RAP 0.24942	13-Mar-18	06:03:07
46	180312M1_46	1800369-03 GW4650180223RAP 0.2611	13-Mar-18	06:14:37
47	180312M1_47	1800370-01 WR1802230920JLB 0.27194	13-Mar-18	06:26:06
48	180312M1_48	1800370-02 WR1802230950JLB 0.27055	13-Mar-18	06:37:35
49	180312M1_49	1800370-03 WR1802231025JLB 0.25444	13-Mar-18	06:49:04
50	180312M1_50	IPA	13-Mar-18	07:00:31
51	180312M1_51	ST180312M1-12 PFC CS3 18B2818	13-Mar-18	07:12:00
52	180312M1_52	IPA	13-Mar-18	07:23:29
53	180312M1_53	1800370-04 FB1802231030JLB 0.23963	13-Mar-18	07:34:58
54	180312M1_54	1800370-05 WR1802231120JLB 0.27209	13-Mar-18	07:46:28
55	180312M1_55	1800370-06 WR1802231155JLB 0.255	13-Mar-18	07:57:57
56	180312M1_56	1800370-07 WT1802261035JLB 0.27331	13-Mar-18	08:09:24
57	180312M1_57	1800370-08 WT1802261100JLB 0.27258	13-Mar-18	08:20:54
58	180312M1_58	1800370-09 WR1802261125JLB 0.25932	13-Mar-18	08:32:21
59	180312M1_59	B8C0034-BLK1 Method Blank 1	13-Mar-18	08:43:50
60	180312M1_60	IPA	13-Mar-18	08:55:17
61	180312M1_61	ST180312M1-13 PFC CS3 18B2818	13-Mar-18	09:06:47
62	180312M1_62	ST180312M1-14 PFC CS0 18B2815	13-Mar-18	09:18:16
63	180312M1_63	IPA	13-Mar-18	09:29:46
64	180312M1_64	B8C0034-BS1 OPR 1	13-Mar-18	09:50:53
65	180312M1_65	B8C0034-MS1 Matrix Spike 1.36	13-Mar-18	10:02:16

Dataset: Untitled

Last Altered: Wednesday, March 14, 2018 10:25:06 Pacific Daylight Time

Printed: Wednesday, March 14, 2018 10:25:24 Pacific Daylight Time

Compound name: PFBA

	Name	ID	Acq Date	Acq Time
66	180312M1_66	B8C0034-MSD1 Matrix Spike Dup 1.32	13-Mar-18	10:13:43
67	180312M1_67	1800386-01 WI-AF-IDW-SO1-022818 1.31	13-Mar-18	10:25:09
68	180312M1_68	1800386-02 WI-AF-IDW-SO2-022818 1.31	13-Mar-18	10:36:39
69	180312M1_69	1800386-03 WI-AF-IDW-SO3-022818 1.17	13-Mar-18	10:48:05
70	180312M1_70	B8C0035-BLK1 Method Blank 0.25	13-Mar-18	10:59:35
71	180312M1_71	B8C0035-BS1 OPR 0.25	13-Mar-18	11:11:04
72	180312M1_72	1800372-01 Lagoon (420-133404-1) 0.12004	13-Mar-18	11:22:34
73	180312M1_73	1800373-01 Military St, Baptist Church 0.25615	13-Mar-18	11:34:03
74	180312M1_74	1800373-02 Field Blank 0.25593	13-Mar-18	11:45:33
75	180312M1_75	1800376-01 WT1802270825MK 0.27826	13-Mar-18	11:57:03
76	180312M1_76	1800376-02 WT1802270925MK 0.27279	13-Mar-18	12:08:30
77	180312M1_77	1800376-03 WT1802270940MK 0.2742	13-Mar-18	12:20:01
78	180312M1_78	1800376-04 WT1802270955MK 0.28104	13-Mar-18	12:31:31
79	180312M1_79	1800397-01 GW1216180226RAP 0.25954	13-Mar-18	12:42:58
80	180312M1_80	IPA	13-Mar-18	12:54:27
81	180312M1_81	ST180312M1-15 PFC CS3 18B2818	13-Mar-18	13:05:57
82	180312M1_82	IPA	13-Mar-18	13:17:26
83	180312M1_83	1800397-02 GW2226180226RAP 0.25726	13-Mar-18	13:28:56
84	180312M1_84	1800397-03 GW3438180226RAP 0.26026	13-Mar-18	13:40:26
85	180312M1_85	1800397-04 GW4246180227RAP 0.25698	13-Mar-18	13:51:55
86	180312M1_86	1800397-05 GW5256180227RAP 0.25852	13-Mar-18	14:03:24
87	180312M1_87	1800397-06 GW5963180227RAP 0.26136	13-Mar-18	14:14:55
88	180312M1_88	1800397-07 GW1115180228RAP 0.25801	13-Mar-18	14:26:21
89	180312M1_89	1800397-08 GW2125180228RAP 0.25607	13-Mar-18	14:37:48
90	180312M1_90	1800397-09 GW3135180228RAP 0.26383	13-Mar-18	14:49:15
91	180312M1_91	1800397-10 GW4145180228RAP 0.2572	13-Mar-18	15:00:42
92	180312M1_92	1800397-11 GW4751180301RAP 0.26378	13-Mar-18	15:12:11
93	180312M1_93	IPA	13-Mar-18	15:23:40
94	180312M1_94	ST180312M1-16 PFC CS3 18B2818	13-Mar-18	15:35:07
95	180312M1_95	IPA	13-Mar-18	15:46:36
96	180312M1_96	1800397-12 FD-GW4751180301RAP 0.25428	13-Mar-18	15:58:05
97	180312M1_97	B8B0152-BS1 OPR 3	13-Mar-18	16:09:35
98	180312M1_98	B8B0152-BLK1 Method Blank 3	13-Mar-18	16:21:04
99	180312M1_99	1800282-01 6164335677 3	13-Mar-18	16:32:33

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Wednesday, March 14, 2018 10:25:06 Pacific Daylight Time

Printed: Wednesday, March 14, 2018 10:25:24 Pacific Daylight Time

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
100	180312M1_100	1800315-01 012918A 3	13-Mar-18	16:44:03
101	180312M1_101	1800315-02 012918B 3	13-Mar-18	16:55:32
102	180312M1_102	1800315-03 012918C 3	13-Mar-18	17:07:02
103	180312M1_103	1800315-04 012918D 3	13-Mar-18	17:18:32
104	180312M1_104	IPA	13-Mar-18	17:29:58
105	180312M1_105	ST180312M1-17 PFC CS3 18B2818	13-Mar-18	17:41:28
106	180312M1_106	IPA	13-Mar-18	17:52:58

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Last Altered: Wednesday, March 14, 2018 09:35:58 Pacific Daylight Time

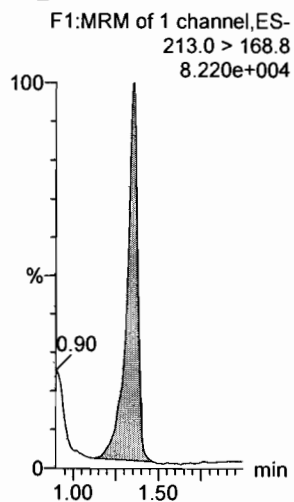
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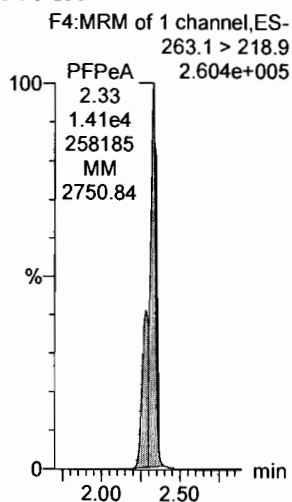
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_51, Date: 13-Mar-2018, Time: 07:12:00, ID: ST180312M1-12 PFC CS3 18B2818, Description: PFC CS3 18B2818

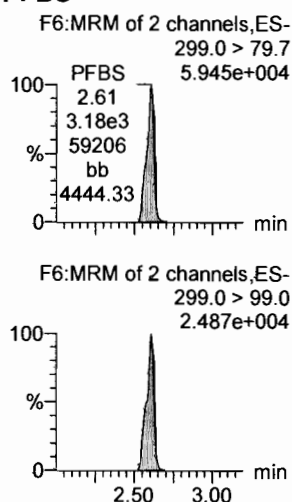
**PFBA**



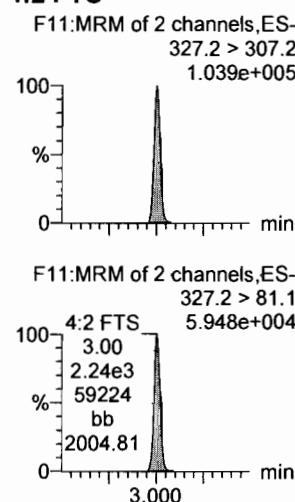
**PFPeA**



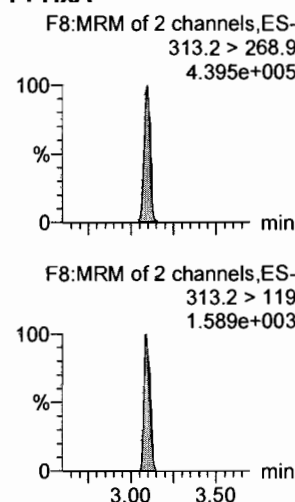
**PFBS**



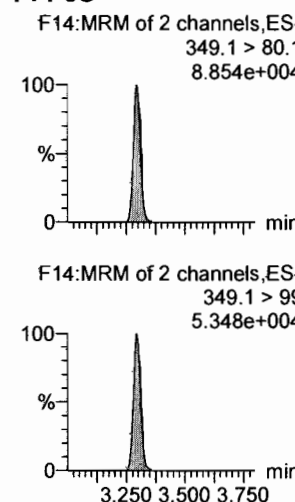
**4:2 FTS**



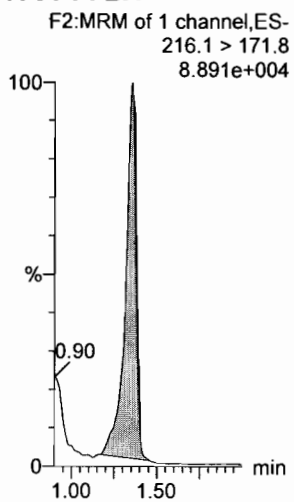
**PFHxA**



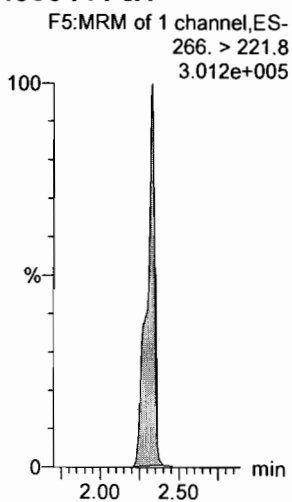
**PFPeS**



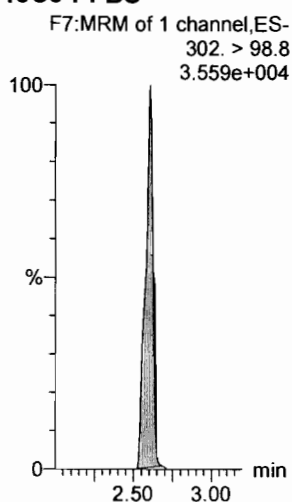
**13C3-PFBA**



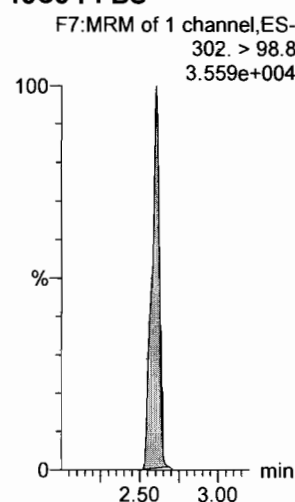
**13C3-PFPeA**



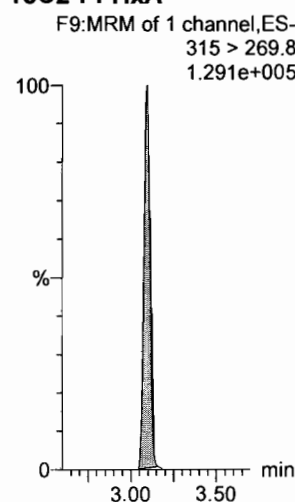
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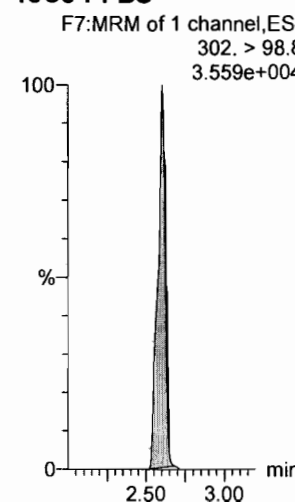
**13C3-PFBS**



**13C2-PFHxA**



**13C3-PFBS**



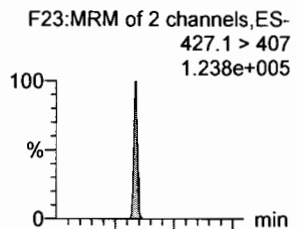
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Last Altered: Wednesday, March 14, 2018 09:35:58 Pacific Daylight Time

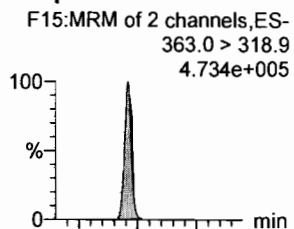
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Name: 180312M1\_51, Date: 13-Mar-2018, Time: 07:12:00, ID: ST180312M1-12 PFC CS3 18B2818, Description: PFC CS3 18B2818

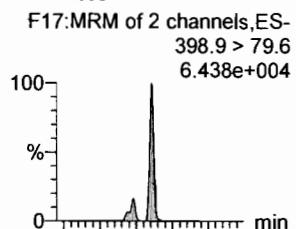
6:2 FTS



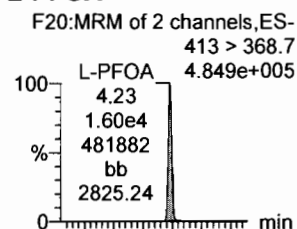
PFHpA



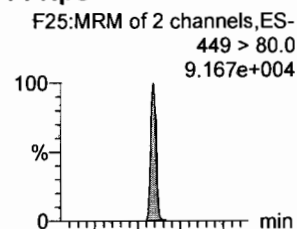
L-PFHxS



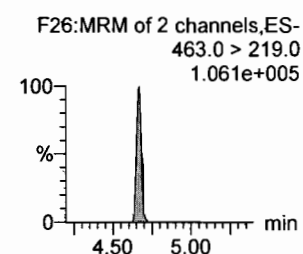
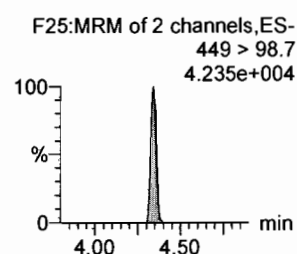
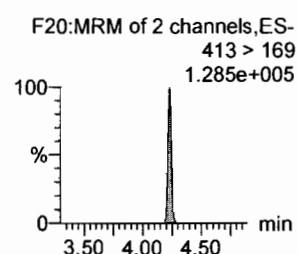
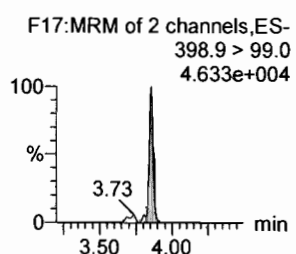
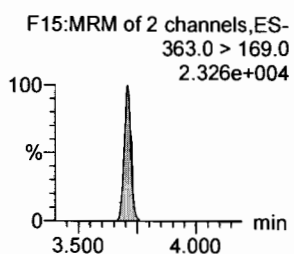
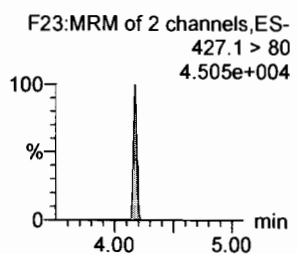
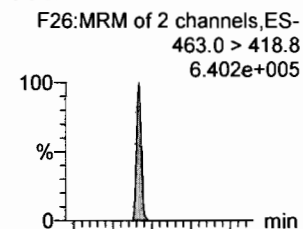
L-PFOA



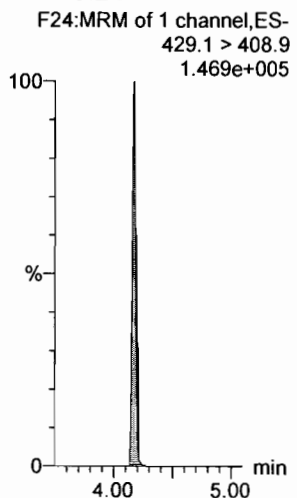
PFHpS



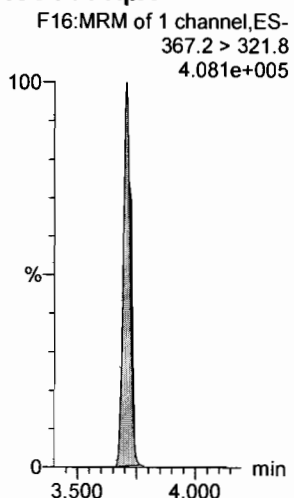
PFNA



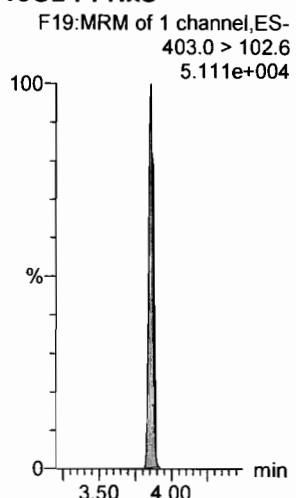
13C2-6:2 FTS



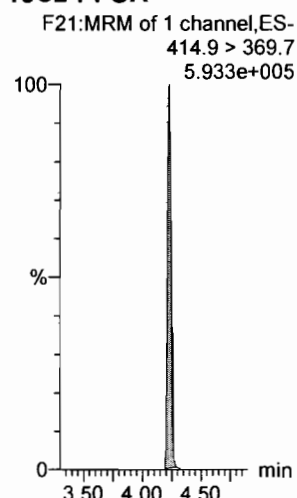
13C4-PFHpA



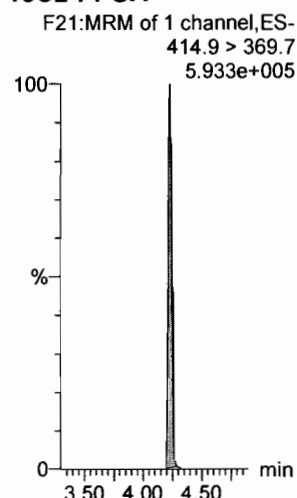
18O2-PFHxS



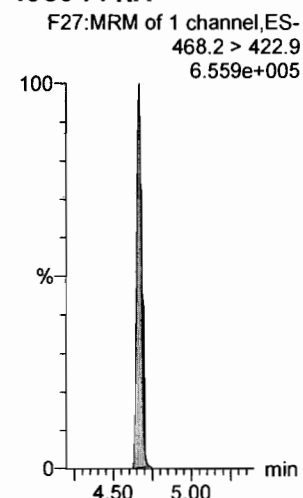
13C2-PFOA



13C2-PFOA



13C5-PFNA



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-51.qld

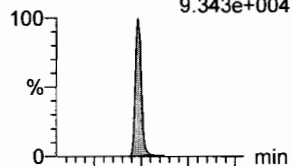
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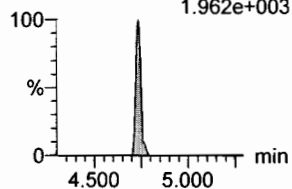
Name: 180312M1\_51, Date: 13-Mar-2018, Time: 07:12:00, ID: ST180312M1-12 PFC CS3 18B2818, Description: PFC CS3 18B2818

**PFOSA**

F29:MRM of 4 channels,ES-  
498.1 > 77.8  
9.343e+004

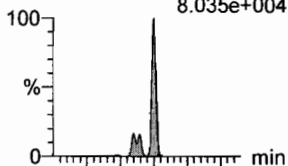


F29:MRM of 4 channels,ES-  
498.1 > 478  
1.962e+003

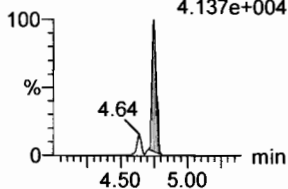


**L-PFOS**

F31:MRM of 2 channels,ES-  
499 > 79.9  
8.035e+004

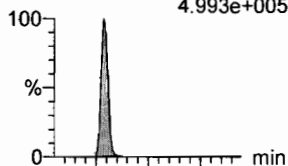


F31:MRM of 2 channels,ES-  
499 > 99  
4.137e+004

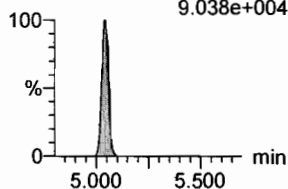


**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
4.993e+005

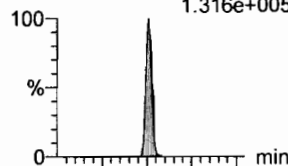


F36:MRM of 2 channels,ES-  
513 > 219  
9.038e+004

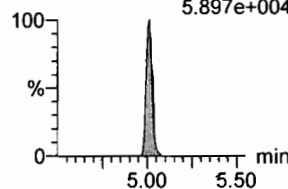


**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
1.316e+005

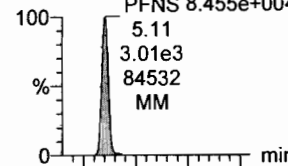


F41:MRM of 2 channels,ES-  
527 > 80  
5.897e+004

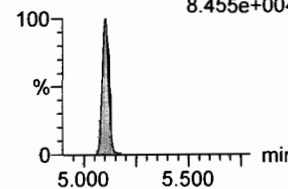


**PFNS**

F44:MRM of 2 channels,ES-  
549.1 > 80.1  
8.455e+004

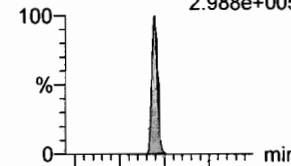


F44:MRM of 2 channels,ES-  
549.1 > 80.1  
8.455e+004

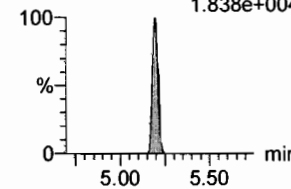


**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
2.988e+005

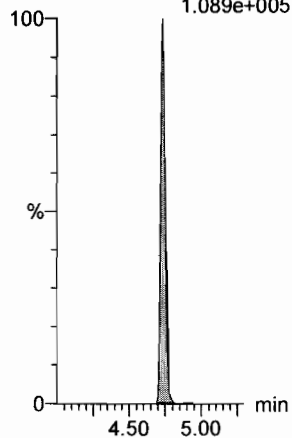


F47:MRM of 2 channels,ES-  
570.1 > 483.0  
1.838e+004



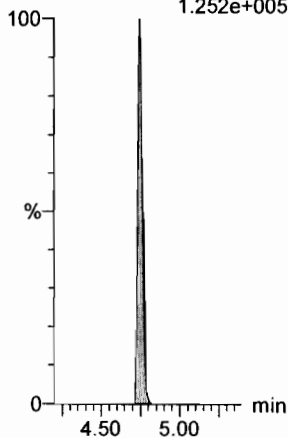
**13C8-PFOSA**

F33:MRM of 1 channel,ES-  
506.1 > 77.7  
1.089e+005



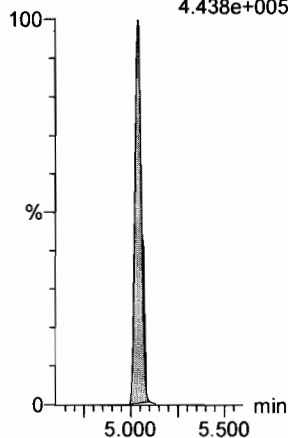
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
1.252e+005



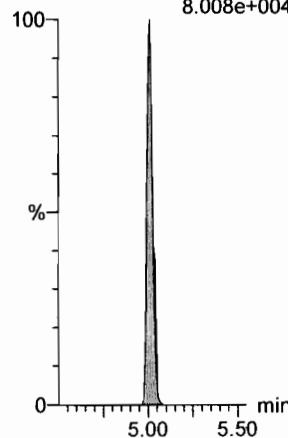
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
4.438e+005



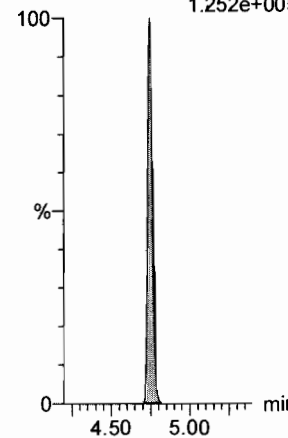
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
8.008e+004



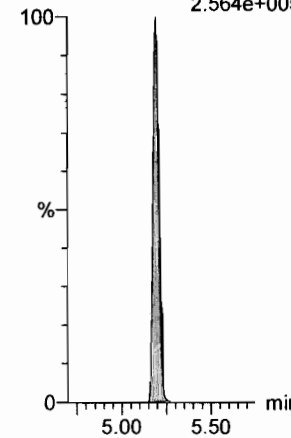
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
1.252e+005



**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
2.564e+005





Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-51.qld

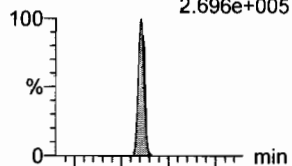
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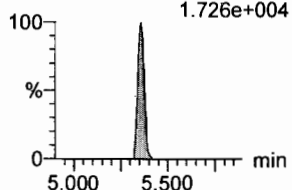
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**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
2.696e+005

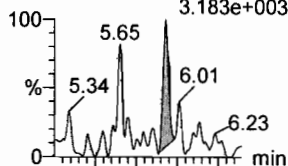


F50:MRM of 2 channels,ES-  
584.2 > 483.0  
1.726e+004

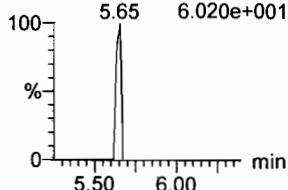


**PFDaA** (b)

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
3.183e+003



F53:MRM of 4 channels,ES-  
612.9 > 318.8  
6.020e+001

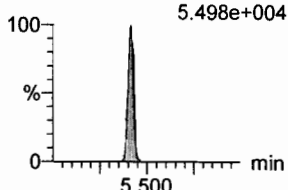


**PFDS**

F52:MRM of 2 channels,ES-  
598.8 > 80  
1.174e+005

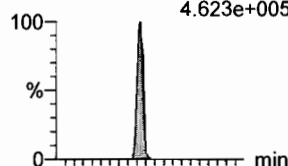


F52:MRM of 2 channels,ES-  
598.8 > 98.7  
5.498e+004

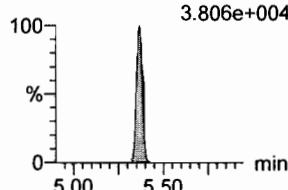


**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
4.623e+005

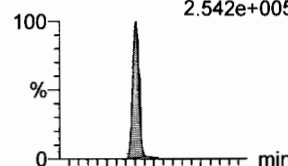


F45:MRM of 2 channels,ES-  
563.0 > 269  
3.806e+004

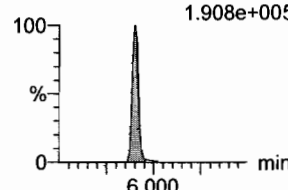


**N-MeFOSA**

F35:MRM of 2 channels,ES-  
512.1 > 168.9  
2.542e+005

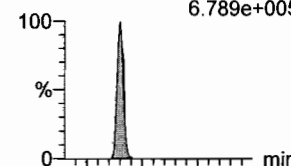


F35:MRM of 2 channels,ES-  
512.1 > 219  
1.908e+005

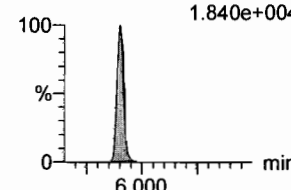


**PFTrDA**

F59:MRM of 2 channels,ES-  
662.9 > 618.9  
6.789e+005

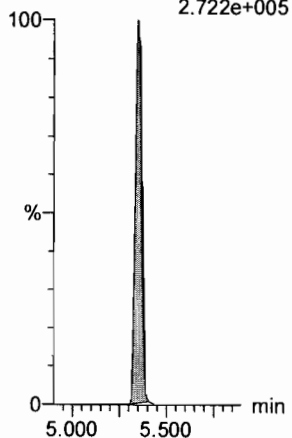


F59:MRM of 2 channels,ES-  
662.9 > 319  
1.840e+004



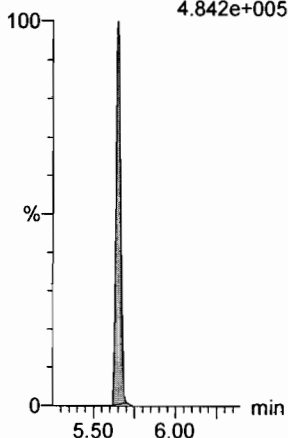
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
2.722e+005



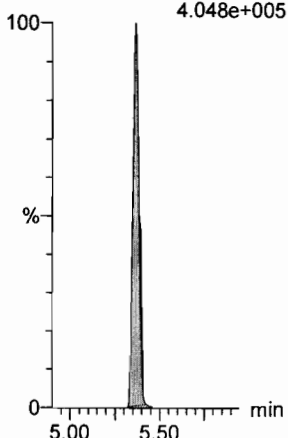
**13C2-PFDaA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
4.842e+005



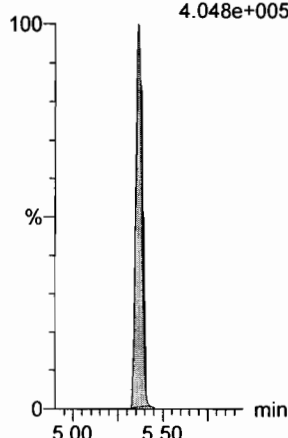
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
4.048e+005



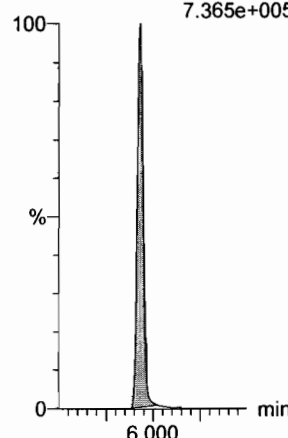
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
4.048e+005



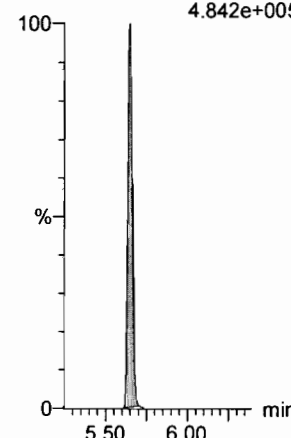
**d3-N-MeFOSA**

F38:MRM of 1 channel,ES-  
515.2 > 168.9  
7.365e+005



**13C2-PFDaA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
4.842e+005

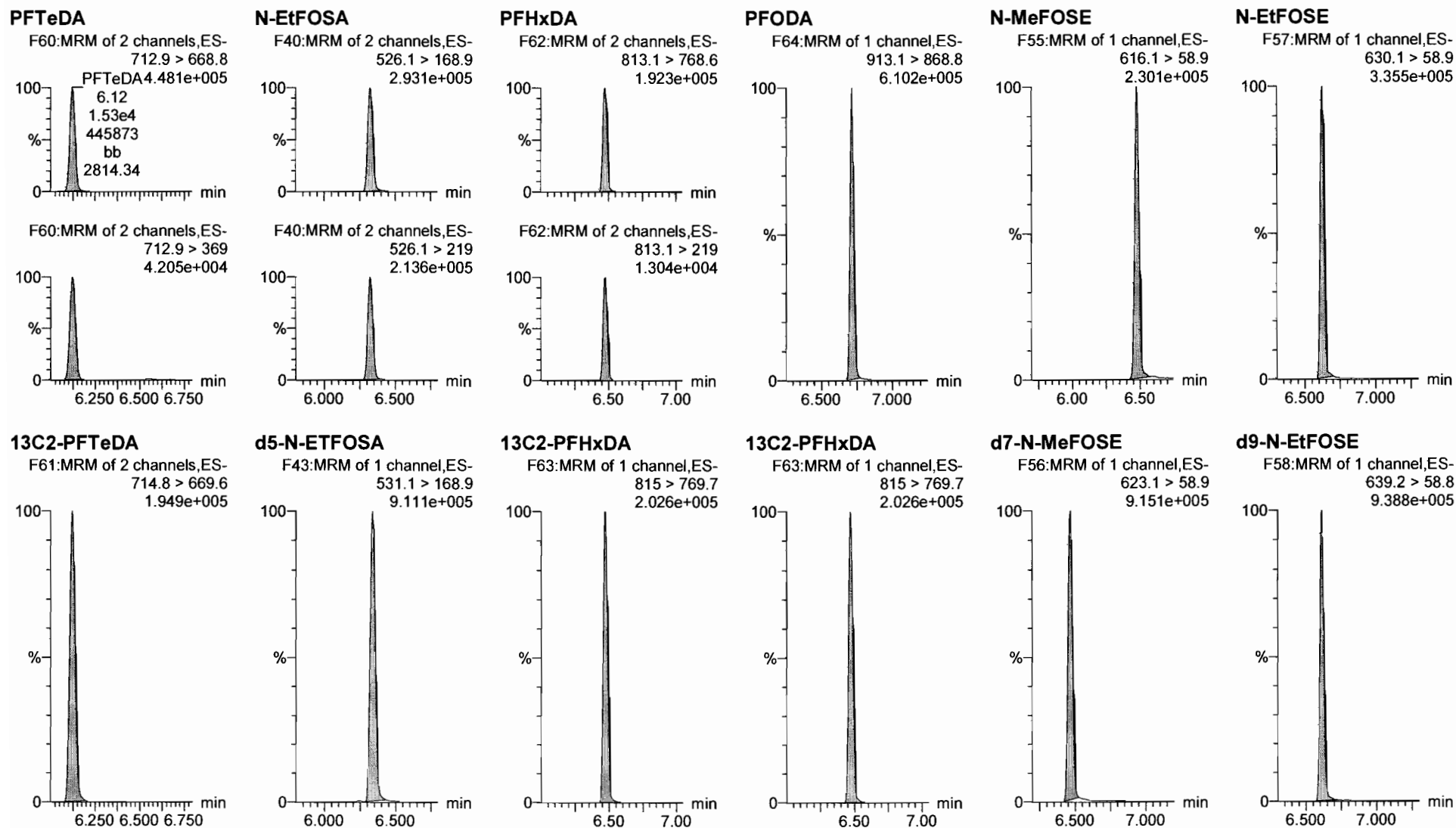


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-51.qld

Last Altered: Wednesday, March 14, 2018 09:35:58 Pacific Daylight Time

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Name: 180312M1\_51, Date: 13-Mar-2018, Time: 07:12:00, ID: ST180312M1-12 PFC CS3 18B2818, Description: PFC CS3 18B2818

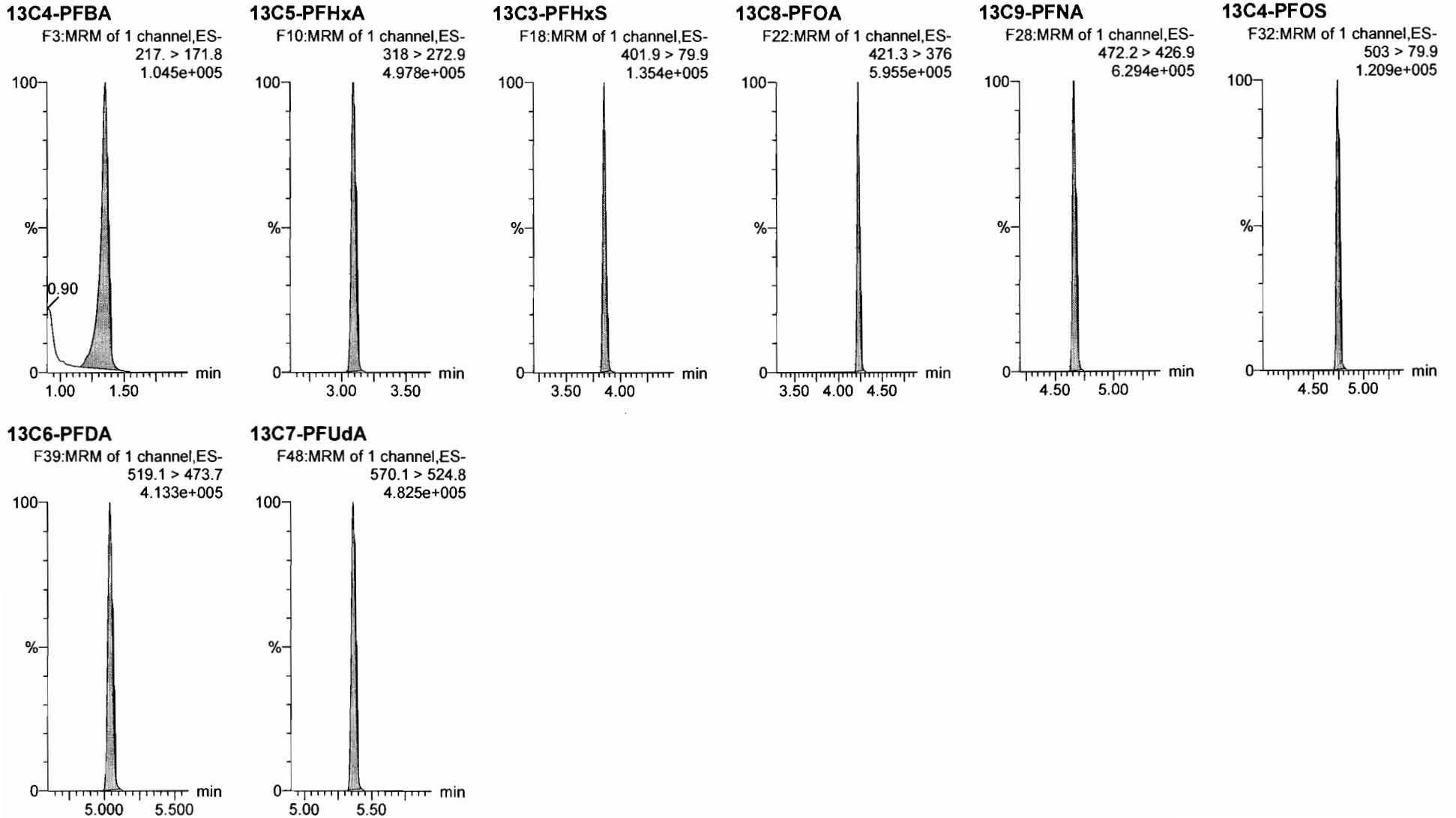


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-51.qld

Last Altered: Wednesday, March 14, 2018 09:35:58 Pacific Daylight Time

Printed: Wednesday, March 14, 2018 09:36:11 Pacific Daylight Time

Name: 180312M1\_51, Date: 13-Mar-2018, Time: 07:12:00, ID: ST180312M1-12 PFC CS3 18B2818, Description: PFC CS3 18B2818



Dataset: Untitled

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_RS-3-14-18.mdb 15 Mar 2018 14:05:50

Calibration: 19 Mar 2018 09:04:08

Name: 180317M1\_2, Date: 17-Mar-2018, Time: 19:57:24, ID: ST180317M1-1 PFC CS0 18C1205, Description: PFC CS0 18C1205

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180317M1-1 PFC CS0 18C1205	8.84e3	100.0	NO
2	2 13C5-PFHxA	ST180317M1-1 PFC CS0 18C1205	1.16e4	100.0	NO
3	3 13C3-PFHxS	ST180317M1-1 PFC CS0 18C1205	2.83e3	100.0	NO
4	4 13C8-PFOA	ST180317M1-1 PFC CS0 18C1205	1.38e4	100.0	NO
5	5 13C9-PFNA	ST180317M1-1 PFC CS0 18C1205	1.30e4	100.0	NO
6	6 13C4-PFOS	ST180317M1-1 PFC CS0 18C1205	2.92e3	100.0	NO
7	7 13C6-PFDA	ST180317M1-1 PFC CS0 18C1205	9.81e3	100.0	NO
8	8 13C7-PFUDa	ST180317M1-1 PFC CS0 18C1205	1.43e4	100.0	NO

Name: 180317M1\_3, Date: 17-Mar-2018, Time: 20:08:52, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	7.12e0	0.1	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: 180317M1\_4, Date: 17-Mar-2018, Time: 20:20:21, ID: B8C0101-BS1 OPR 0.125, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0101-BS1 OPR 0.125	6.17e3	69.7	NO
2	2 13C5-PFHxA	B8C0101-BS1 OPR 0.125	8.57e3	73.9	NO
3	3 13C3-PFHxS	B8C0101-BS1 OPR 0.125	2.08e3	73.5	NO
4	4 13C8-PFOA	B8C0101-BS1 OPR 0.125	9.88e3	71.4	NO
5	5 13C9-PFNA	B8C0101-BS1 OPR 0.125	9.66e3	74.4	NO
6	6 13C4-PFOS	B8C0101-BS1 OPR 0.125	2.01e3	69.0	NO
7	7 13C6-PFDA	B8C0101-BS1 OPR 0.125	8.17e3	83.2	NO
8	8 13C7-PFUDa	B8C0101-BS1 OPR 0.125	1.10e4	76.6	NO

Name: 180317M1\_5, Date: 17-Mar-2018, Time: 20:31:45, ID: B8C0101-BSD1 LCSD 0.125, Description: LCSD

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0101-BSD1 LCSD 0.125	6.68e3	75.6	NO
2	2 13C5-PFHxA	B8C0101-BSD1 LCSD 0.125	9.01e3	77.7	NO
3	3 13C3-PFHxS	B8C0101-BSD1 LCSD 0.125	2.20e3	77.6	NO
4	4 13C8-PFOA	B8C0101-BSD1 LCSD 0.125	9.94e3	71.8	NO
5	5 13C9-PFNA	B8C0101-BSD1 LCSD 0.125	1.07e4	82.5	NO
6	6 13C4-PFOS	B8C0101-BSD1 LCSD 0.125	2.18e3	74.9	NO
7	7 13C6-PFDA	B8C0101-BSD1 LCSD 0.125	9.26e3	94.3	NO
8	8 13C7-PFUDa	B8C0101-BSD1 LCSD 0.125	1.15e4	80.1	NO

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Name: 180317M1\_6, Date: 17-Mar-2018, Time: 20:43:12, ID: B8C0101-BLK1 Method Blank 0.125, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0101-BLK1 Method Blank 0.125	5.94e3	67.1	NO
2	2 13C5-PFHxA	B8C0101-BLK1 Method Blank 0.125	7.91e3	68.2	NO
3	3 13C3-PFHxS	B8C0101-BLK1 Method Blank 0.125	1.84e3	64.9	NO
4	4 13C8-PFOA	B8C0101-BLK1 Method Blank 0.125	8.42e3	60.8	NO
5	5 13C9-PFNA	B8C0101-BLK1 Method Blank 0.125	8.83e3	68.0	NO
6	6 13C4-PFOS	B8C0101-BLK1 Method Blank 0.125	1.84e3	63.1	NO
7	7 13C6-PFDA	B8C0101-BLK1 Method Blank 0.125	8.91e3	90.8	NO
8	8 13C7-PFUDa	B8C0101-BLK1 Method Blank 0.125	9.42e3	65.8	NO

Name: 180317M1\_7, Date: 17-Mar-2018, Time: 20:54:42, ID: 1800361-01RE1 WI-A06-EB01-021918 0.11631, Description: WI-A06-EB01-021918

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-01RE1 WI-A06-EB01-021918 ...	6.80e3	76.9	NO
2	2 13C5-PFHxA	1800361-01RE1 WI-A06-EB01-021918 ...	9.23e3	79.6	NO
3	3 13C3-PFHxS	1800361-01RE1 WI-A06-EB01-021918 ...	2.02e3	71.2	NO
4	4 13C8-PFOA	1800361-01RE1 WI-A06-EB01-021918 ...	9.91e3	71.6	NO
5	5 13C9-PFNA	1800361-01RE1 WI-A06-EB01-021918 ...	1.01e4	77.6	NO
6	6 13C4-PFOS	1800361-01RE1 WI-A06-EB01-021918 ...	2.10e3	72.0	NO
7	7 13C6-PFDA	1800361-01RE1 WI-A06-EB01-021918 ...	8.77e3	89.3	NO
8	8 13C7-PFUDa	1800361-01RE1 WI-A06-EB01-021918 ...	1.19e4	83.3	NO

Name: 180317M1\_8, Date: 17-Mar-2018, Time: 21:06:08, ID: 1800361-02RE1 WI-A06-MW-13-0218 0.12182, Description: WI-A06-MW-13-0218

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-02RE1 WI-A06-MW-13-0218 ...	6.60e3	74.7	NO
2	2 13C5-PFHxA	1800361-02RE1 WI-A06-MW-13-0218 ...	9.02e3	77.8	NO
3	3 13C3-PFHxS	1800361-02RE1 WI-A06-MW-13-0218 ...	2.42e3	85.3	NO
4	4 13C8-PFOA	1800361-02RE1 WI-A06-MW-13-0218 ...	9.57e3	69.2	NO
5	5 13C9-PFNA	1800361-02RE1 WI-A06-MW-13-0218 ...	1.03e4	79.6	NO
6	6 13C4-PFOS	1800361-02RE1 WI-A06-MW-13-0218 ...	2.14e3	73.5	NO
7	7 13C6-PFDA	1800361-02RE1 WI-A06-MW-13-0218 ...	9.29e3	94.6	NO
8	8 13C7-PFUDa	1800361-02RE1 WI-A06-MW-13-0218 ...	1.28e4	89.3	NO

Name: 180317M1\_9, Date: 17-Mar-2018, Time: 21:17:35, ID: 1800361-03RE1 WI-A06-FB01-022018 0.12192, Description: WI-A06-FB01-022018

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-03RE1 WI-A06-FB01-022018 ...	6.75e3	76.4	NO
2	2 13C5-PFHxA	1800361-03RE1 WI-A06-FB01-022018 ...	9.05e3	78.1	NO
3	3 13C3-PFHxS	1800361-03RE1 WI-A06-FB01-022018 ...	2.54e3	89.5	NO
4	4 13C8-PFOA	1800361-03RE1 WI-A06-FB01-022018 ...	1.09e4	78.8	NO
5	5 13C9-PFNA	1800361-03RE1 WI-A06-FB01-022018 ...	1.13e4	87.2	NO
6	6 13C4-PFOS	1800361-03RE1 WI-A06-FB01-022018 ...	2.26e3	77.6	NO
7	7 13C6-PFDA	1800361-03RE1 WI-A06-FB01-022018 ...	9.61e3	97.9	NO
8	8 13C7-PFUDa	1800361-03RE1 WI-A06-FB01-022018 ...	1.18e4	82.7	NO

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**Name: 180317M1\_10, Date: 17-Mar-2018, Time: 21:29:02, ID: 1800361-04RE1 WI-A06-6-DW-38A-0218 0.11965, Description: WI-A06-6-DW-38A-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-04RE1 WI-A06-6-DW-38A-02...	7.39e3	83.5	NO
2	2 13C5-PFHxA	1800361-04RE1 WI-A06-6-DW-38A-02...	1.05e4	90.2	NO
3	3 13C3-PFHxS	1800361-04RE1 WI-A06-6-DW-38A-02...	2.37e3	83.8	NO
4	4 13C8-PFOA	1800361-04RE1 WI-A06-6-DW-38A-02...	1.17e4	84.3	NO
5	5 13C9-PFNA	1800361-04RE1 WI-A06-6-DW-38A-02...	1.20e4	92.1	NO
6	6 13C4-PFOS	1800361-04RE1 WI-A06-6-DW-38A-02...	2.59e3	88.9	NO
7	7 13C6-PFDA	1800361-04RE1 WI-A06-6-DW-38A-02...	9.50e3	96.8	NO
8	8 13C7-PFUDa	1800361-04RE1 WI-A06-6-DW-38A-02...	1.27e4	88.8	NO

**Name: 180317M1\_11, Date: 17-Mar-2018, Time: 21:40:29, ID: 1800361-05RE1 WI-A06-EB01-022018 0.12096, Description: WI-A06-EB01-022018**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-05RE1 WI-A06-EB01-022018 ...	6.92e3	78.2	NO
2	2 13C5-PFHxA	1800361-05RE1 WI-A06-EB01-022018 ...	9.54e3	82.3	NO
3	3 13C3-PFHxS	1800361-05RE1 WI-A06-EB01-022018 ...	2.02e3	71.4	NO
4	4 13C8-PFOA	1800361-05RE1 WI-A06-EB01-022018 ...	9.33e3	67.4	NO
5	5 13C9-PFNA	1800361-05RE1 WI-A06-EB01-022018 ...	1.07e4	82.5	NO
6	6 13C4-PFOS	1800361-05RE1 WI-A06-EB01-022018 ...	2.35e3	80.5	NO
7	7 13C6-PFDA	1800361-05RE1 WI-A06-EB01-022018 ...	1.02e4	103.5	NO
8	8 13C7-PFUDa	1800361-05RE1 WI-A06-EB01-022018 ...	1.36e4	95.0	NO

**Name: 180317M1\_12, Date: 17-Mar-2018, Time: 21:51:59, ID: 1800361-06RE1 WI-A06-6-S-27-0218 0.1213, Description: WI-A06-6-S-27-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-06RE1 WI-A06-6-S-27-0218 0...	6.89e3	77.9	NO
2	2 13C5-PFHxA	1800361-06RE1 WI-A06-6-S-27-0218 0...	8.80e3	75.9	NO
3	3 13C3-PFHxS	1800361-06RE1 WI-A06-6-S-27-0218 0...	2.04e3	71.9	NO
4	4 13C8-PFOA	1800361-06RE1 WI-A06-6-S-27-0218 0...	1.03e4	74.2	NO
5	5 13C9-PFNA	1800361-06RE1 WI-A06-6-S-27-0218 0...	1.07e4	82.5	NO
6	6 13C4-PFOS	1800361-06RE1 WI-A06-6-S-27-0218 0...	2.46e3	84.3	NO
7	7 13C6-PFDA	1800361-06RE1 WI-A06-6-S-27-0218 0...	9.72e3	99.0	NO
8	8 13C7-PFUDa	1800361-06RE1 WI-A06-6-S-27-0218 0...	1.19e4	83.1	NO

**Name: 180317M1\_13, Date: 17-Mar-2018, Time: 22:03:20, ID: 1800361-07RE1 WI-A06-6-S-28-0218 0.12084, Description: WI-A06-6-S-28-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-07RE1 WI-A06-6-S-28-0218 0...	7.48e3	84.6	NO
2	2 13C5-PFHxA	1800361-07RE1 WI-A06-6-S-28-0218 0...	9.28e3	80.0	NO
3	3 13C3-PFHxS	1800361-07RE1 WI-A06-6-S-28-0218 0...	2.38e3	84.0	NO
4	4 13C8-PFOA	1800361-07RE1 WI-A06-6-S-28-0218 0...	1.13e4	81.7	NO
5	5 13C9-PFNA	1800361-07RE1 WI-A06-6-S-28-0218 0...	1.12e4	86.4	NO
6	6 13C4-PFOS	1800361-07RE1 WI-A06-6-S-28-0218 0...	2.47e3	84.6	NO
7	7 13C6-PFDA	1800361-07RE1 WI-A06-6-S-28-0218 0...	9.75e3	99.4	NO
8	8 13C7-PFUDa	1800361-07RE1 WI-A06-6-S-28-0218 0...	1.15e4	80.5	NO

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**Name: 180317M1\_14, Date: 17-Mar-2018, Time: 22:14:47, ID: 1800361-08RE1 WI-A06-FB01-022118 0.11778, Description: WI-A06-FB01-022118**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-08RE1 WI-A06-FB01-022118 ...	6.36e3	71.9	NO
2	2 13C5-PFHxA	1800361-08RE1 WI-A06-FB01-022118 ...	8.49e3	73.2	NO
3	3 13C3-PFHxS	1800361-08RE1 WI-A06-FB01-022118 ...	1.97e3	69.4	NO
4	4 13C8-PFOA	1800361-08RE1 WI-A06-FB01-022118 ...	9.35e3	67.6	NO
5	5 13C9-PFNA	1800361-08RE1 WI-A06-FB01-022118 ...	1.07e4	82.7	NO
6	6 13C4-PFOS	1800361-08RE1 WI-A06-FB01-022118 ...	2.19e3	75.1	NO
7	7 13C6-PFDA	1800361-08RE1 WI-A06-FB01-022118 ...	8.60e3	87.7	NO
8	8 13C7-PFUDa	1800361-08RE1 WI-A06-FB01-022118 ...	1.05e4	73.0	NO

**Name: 180317M1\_15, Date: 17-Mar-2018, Time: 22:26:14, ID: 1800361-09RE1 WI-A06-MW-01-0218 0.12063, Description: WI-A06-MW-01-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-09RE1 WI-A06-MW-01-0218 ...	6.34e3	71.7	NO
2	2 13C5-PFHxA	1800361-09RE1 WI-A06-MW-01-0218 ...	8.39e3	72.4	NO
3	3 13C3-PFHxS	1800361-09RE1 WI-A06-MW-01-0218 ...	2.14e3	75.4	NO
4	4 13C8-PFOA	1800361-09RE1 WI-A06-MW-01-0218 ...	9.23e3	66.7	NO
5	5 13C9-PFNA	1800361-09RE1 WI-A06-MW-01-0218 ...	1.00e4	77.4	NO
6	6 13C4-PFOS	1800361-09RE1 WI-A06-MW-01-0218 ...	2.13e3	73.0	NO
7	7 13C6-PFDA	1800361-09RE1 WI-A06-MW-01-0218 ...	8.25e3	84.0	NO
8	8 13C7-PFUDa	1800361-09RE1 WI-A06-MW-01-0218 ...	1.06e4	73.8	NO

**Name: 180317M1\_16, Date: 17-Mar-2018, Time: 22:37:44, ID: 1800361-10RE1 WI-A06-EB01-022118 0.12144, Description: WI-A06-EB01-022118**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800361-10RE1 WI-A06-EB01-022118 ...	6.50e3	73.5	NO
2	2 13C5-PFHxA	1800361-10RE1 WI-A06-EB01-022118 ...	8.44e3	72.8	NO
3	3 13C3-PFHxS	1800361-10RE1 WI-A06-EB01-022118 ...	2.08e3	73.6	NO
4	4 13C8-PFOA	1800361-10RE1 WI-A06-EB01-022118 ...	1.02e4	73.7	NO
5	5 13C9-PFNA	1800361-10RE1 WI-A06-EB01-022118 ...	1.04e4	80.1	NO
6	6 13C4-PFOS	1800361-10RE1 WI-A06-EB01-022118 ...	2.12e3	72.8	NO
7	7 13C6-PFDA	1800361-10RE1 WI-A06-EB01-022118 ...	9.10e3	92.7	NO
8	8 13C7-PFUDa	1800361-10RE1 WI-A06-EB01-022118 ...	1.17e4	81.6	NO

**Name: 180317M1\_17, Date: 17-Mar-2018, Time: 22:49:13, ID: 1800367-01RE1 WI-A06-EB01-0218 0.12311, Description: WI-A06-EB01-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-01RE1 WI-A06-EB01-0218 0....	6.40e3	72.3	NO
2	2 13C5-PFHxA	1800367-01RE1 WI-A06-EB01-0218 0....	8.73e3	75.3	NO
3	3 13C3-PFHxS	1800367-01RE1 WI-A06-EB01-0218 0....	2.06e3	72.5	NO
4	4 13C8-PFOA	1800367-01RE1 WI-A06-EB01-0218 0....	1.01e4	72.7	NO
5	5 13C9-PFNA	1800367-01RE1 WI-A06-EB01-0218 0....	1.06e4	81.3	NO
6	6 13C4-PFOS	1800367-01RE1 WI-A06-EB01-0218 0....	1.91e3	65.5	NO
7	7 13C6-PFDA	1800367-01RE1 WI-A06-EB01-0218 0....	7.95e3	81.0	NO
8	8 13C7-PFUDa	1800367-01RE1 WI-A06-EB01-0218 0....	1.17e4	81.9	NO

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**Name: 180317M1\_18, Date: 17-Mar-2018, Time: 23:00:39, ID: 1800367-02RE1 WI-A06-MW03B-0218 0.11921, Description: WI-A06-MW03B-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-02RE1 WI-A06-MW03B-0218 ...	6.35e3	71.8	NO
2	2 13C5-PFHxA	1800367-02RE1 WI-A06-MW03B-0218 ...	8.51e3	73.4	NO
3	3 13C3-PFHxS	1800367-02RE1 WI-A06-MW03B-0218 ...	2.29e3	80.9	NO
4	4 13C8-PFOA	1800367-02RE1 WI-A06-MW03B-0218 ...	8.99e3	65.0	NO
5	5 13C9-PFNA	1800367-02RE1 WI-A06-MW03B-0218 ...	8.67e3	66.7	NO
6	6 13C4-PFOS	1800367-02RE1 WI-A06-MW03B-0218 ...	2.18e3	74.9	NO
7	7 13C6-PFDA	1800367-02RE1 WI-A06-MW03B-0218 ...	8.48e3	86.5	NO
8	8 13C7-PFUdA	1800367-02RE1 WI-A06-MW03B-0218 ...	9.00e3	62.9	NO

**Name: 180317M1\_19, Date: 17-Mar-2018, Time: 23:12:09, ID: 1800367-03RE1 WI-A06-FB01-022218 0.12396, Description: WI-A06-FB01-022218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-03RE1 WI-A06-FB01-022218 ...	7.40e3	83.7	NO
2	2 13C5-PFHxA	1800367-03RE1 WI-A06-FB01-022218 ...	9.80e3	84.6	NO
3	3 13C3-PFHxS	1800367-03RE1 WI-A06-FB01-022218 ...	2.53e3	89.3	NO
4	4 13C8-PFOA	1800367-03RE1 WI-A06-FB01-022218 ...	1.23e4	89.0	NO
5	5 13C9-PFNA	1800367-03RE1 WI-A06-FB01-022218 ...	1.20e4	92.0	NO
6	6 13C4-PFOS	1800367-03RE1 WI-A06-FB01-022218 ...	2.41e3	82.7	NO
7	7 13C6-PFDA	1800367-03RE1 WI-A06-FB01-022218 ...	9.99e3	101.7	NO
8	8 13C7-PFUdA	1800367-03RE1 WI-A06-FB01-022218 ...	1.25e4	87.0	NO

**Name: 180317M1\_20, Date: 17-Mar-2018, Time: 23:23:38, ID: 1800367-04RE1 WI-A06-6-S-02-0218 0.11895, Description: WI-A06-6-S-02-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-04RE1 WI-A06-6-S-02-0218 0...	6.34e3	71.7	NO
2	2 13C5-PFHxA	1800367-04RE1 WI-A06-6-S-02-0218 0...	8.87e3	76.5	NO
3	3 13C3-PFHxS	1800367-04RE1 WI-A06-6-S-02-0218 0...	2.40e3	84.7	NO
4	4 13C8-PFOA	1800367-04RE1 WI-A06-6-S-02-0218 0...	9.31e3	67.3	NO
5	5 13C9-PFNA	1800367-04RE1 WI-A06-6-S-02-0218 0...	1.08e4	83.1	NO
6	6 13C4-PFOS	1800367-04RE1 WI-A06-6-S-02-0218 0...	2.30e3	78.8	NO
7	7 13C6-PFDA	1800367-04RE1 WI-A06-6-S-02-0218 0...	9.07e3	92.4	NO
8	8 13C7-PFUdA	1800367-04RE1 WI-A06-6-S-02-0218 0...	1.19e4	82.8	NO

**Name: 180317M1\_21, Date: 17-Mar-2018, Time: 23:35:06, ID: 1800367-05RE1 WI-A06-6-S-05-0218 0.12239, Description: WI-A06-6-S-05-0218**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800367-05RE1 WI-A06-6-S-05-0218 0...	6.71e3	75.9	NO
2	2 13C5-PFHxA	1800367-05RE1 WI-A06-6-S-05-0218 0...	8.54e3	73.7	NO
3	3 13C3-PFHxS	1800367-05RE1 WI-A06-6-S-05-0218 0...	2.23e3	78.7	NO
4	4 13C8-PFOA	1800367-05RE1 WI-A06-6-S-05-0218 0...	9.24e3	66.8	NO
5	5 13C9-PFNA	1800367-05RE1 WI-A06-6-S-05-0218 0...	1.09e4	83.6	NO
6	6 13C4-PFOS	1800367-05RE1 WI-A06-6-S-05-0218 0...	2.24e3	76.9	NO
7	7 13C6-PFDA	1800367-05RE1 WI-A06-6-S-05-0218 0...	9.16e3	93.4	NO
8	8 13C7-PFUdA	1800367-05RE1 WI-A06-6-S-05-0218 0...	1.14e4	79.7	NO



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**Name: 180317M1\_22, Date: 17-Mar-2018, Time: 23:46:35, ID: 1800367-06RE1 WI-A06-6-S-05P-0218 0.12532, Description: WI-A06-6-S-05P-0218**

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800367-06RE1 WI-A06-6-S-05P-0218 ...	6.22e3	70.3	NO
2	2	13C5-PFHxA	1800367-06RE1 WI-A06-6-S-05P-0218 ...	8.31e3	71.7	NO
3	3	13C3-PFHxS	1800367-06RE1 WI-A06-6-S-05P-0218 ...	2.11e3	74.4	NO
4	4	13C8-PFOA	1800367-06RE1 WI-A06-6-S-05P-0218 ...	9.30e3	67.2	NO
5	5	13C9-PFNA	1800367-06RE1 WI-A06-6-S-05P-0218 ...	8.18e3	63.0	NO
6	6	13C4-PFOS	1800367-06RE1 WI-A06-6-S-05P-0218 ...	2.17e3	74.3	NO
7	7	13C6-PFDA	1800367-06RE1 WI-A06-6-S-05P-0218 ...	8.21e3	83.7	NO
8	8	13C7-PFUdA	1800367-06RE1 WI-A06-6-S-05P-0218 ...	1.03e4	72.2	NO

**Name: 180317M1\_23, Date: 17-Mar-2018, Time: 23:58:04, ID: 1800367-07RE1 WI-A06-FB01-022318 0.12195, Description: WI-A06-FB01-022318**

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800367-07RE1 WI-A06-FB01-022318 ...	6.73e3	76.1	NO
2	2	13C5-PFHxA	1800367-07RE1 WI-A06-FB01-022318 ...	9.08e3	78.3	NO
3	3	13C3-PFHxS	1800367-07RE1 WI-A06-FB01-022318 ...	2.27e3	80.3	NO
4	4	13C8-PFOA	1800367-07RE1 WI-A06-FB01-022318 ...	1.04e4	75.3	NO
5	5	13C9-PFNA	1800367-07RE1 WI-A06-FB01-022318 ...	1.14e4	87.7	NO
6	6	13C4-PFOS	1800367-07RE1 WI-A06-FB01-022318 ...	2.07e3	70.9	NO
7	7	13C6-PFDA	1800367-07RE1 WI-A06-FB01-022318 ...	9.63e3	98.1	NO
8	8	13C7-PFUdA	1800367-07RE1 WI-A06-FB01-022318 ...	1.17e4	81.9	NO

**Name: 180317M1\_24, Date: 18-Mar-2018, Time: 00:09:33, ID: 1800367-08RE1 WI-A06-EB01-022318 0.12383, Description: WI-A06-EB01-022318**

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800367-08RE1 WI-A06-EB01-022318 ...	6.46e3	73.1	NO
2	2	13C5-PFHxA	1800367-08RE1 WI-A06-EB01-022318 ...	8.68e3	74.9	NO
3	3	13C3-PFHxS	1800367-08RE1 WI-A06-EB01-022318 ...	2.15e3	75.9	NO
4	4	13C8-PFOA	1800367-08RE1 WI-A06-EB01-022318 ...	9.11e3	65.8	NO
5	5	13C9-PFNA	1800367-08RE1 WI-A06-EB01-022318 ...	1.04e4	79.7	NO
6	6	13C4-PFOS	1800367-08RE1 WI-A06-EB01-022318 ...	2.37e3	81.1	NO
7	7	13C6-PFDA	1800367-08RE1 WI-A06-EB01-022318 ...	9.05e3	92.3	NO
8	8	13C7-PFUdA	1800367-08RE1 WI-A06-EB01-022318 ...	1.20e4	83.8	NO

**Name: 180317M1\_25, Date: 18-Mar-2018, Time: 00:21:03, 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

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**Name: 180317M1\_26, Date: 18-Mar-2018, Time: 00:32:33, ID: ST180317M1-2 PFC CS3 18C1208, Description: PFC CS3 18C1208**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180317M1-2 PFC CS3 18C1208	1.04e4	117.2	NO
2	2 13C5-PFHxA	ST180317M1-2 PFC CS3 18C1208	1.32e4	113.8	NO
3	3 13C3-PFHxS	ST180317M1-2 PFC CS3 18C1208	3.02e3	106.7	NO
4	4 13C8-PFOA	ST180317M1-2 PFC CS3 18C1208	1.36e4	98.0	NO
5	5 13C9-PFNA	ST180317M1-2 PFC CS3 18C1208	1.62e4	124.9	NO
6	6 13C4-PFOS	ST180317M1-2 PFC CS3 18C1208	3.01e3	103.2	NO
7	7 13C6-PFDA	ST180317M1-2 PFC CS3 18C1208	1.50e4	153.2	YES
8	8 13C7-PFUDa	ST180317M1-2 PFC CS3 18C1208	1.71e4	119.5	NO

**Name: 180317M1\_27, Date: 18-Mar-2018, Time: 00:44:02, 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: 180317M1\_28, Date: 18-Mar-2018, Time: 00:55:31, ID: B8C0038-MS1 Matrix Spike 0.11959, Description: Matrix Spike**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0038-MS1 Matrix Spike 0.11959	5.30e3	60.0	NO
2	2 13C5-PFHxA	B8C0038-MS1 Matrix Spike 0.11959	7.18e3	61.9	NO
3	3 13C3-PFHxS	B8C0038-MS1 Matrix Spike 0.11959	2.28e3	80.4	NO
4	4 13C8-PFOA	B8C0038-MS1 Matrix Spike 0.11959	8.65e3	62.5	NO
5	5 13C9-PFNA	B8C0038-MS1 Matrix Spike 0.11959	8.91e3	68.6	NO
6	6 13C4-PFOS	B8C0038-MS1 Matrix Spike 0.11959	2.21e3	75.8	NO
7	7 13C6-PFDA	B8C0038-MS1 Matrix Spike 0.11959	7.96e3	81.1	NO
8	8 13C7-PFUDa	B8C0038-MS1 Matrix Spike 0.11959	9.33e3	65.2	NO

**Name: 180317M1\_29, Date: 18-Mar-2018, Time: 01:07:01, ID: B8C0038-MSD1 Matrix Spike Dup 0.11664, Description: Matrix Spike Dup**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0038-MSD1 Matrix Spike Dup 0.116...	4.48e3	50.6	NO
2	2 13C5-PFHxA	B8C0038-MSD1 Matrix Spike Dup 0.116...	5.70e3	49.2	YES
3	3 13C3-PFHxS	B8C0038-MSD1 Matrix Spike Dup 0.116...	2.39e3	84.5	NO
4	4 13C8-PFOA	B8C0038-MSD1 Matrix Spike Dup 0.116...	5.75e3	41.6	YES
5	5 13C9-PFNA	B8C0038-MSD1 Matrix Spike Dup 0.116...	7.25e3	55.8	NO
6	6 13C4-PFOS	B8C0038-MSD1 Matrix Spike Dup 0.116...	2.43e3	83.4	NO
7	7 13C6-PFDA	B8C0038-MSD1 Matrix Spike Dup 0.116...	6.71e3	68.3	NO
8	8 13C7-PFUDa	B8C0038-MSD1 Matrix Spike Dup 0.116...	8.07e3	56.3	NO

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Name: 180317M1\_30, Date: 18-Mar-2018, Time: 01:18:31, ID: 1800401-01 REEPDW199 0.12233, Description: REEPDW199

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800401-01 REEPDW199 0.12233	4.46e3	50.5	NO
2	2 13C5-PFHxA	1800401-01 REEPDW199 0.12233	5.94e3	51.2	NO
3	3 13C3-PFHxS	1800401-01 REEPDW199 0.12233	2.23e3	78.7	NO
4	4 13C8-PFOA	1800401-01 REEPDW199 0.12233	6.96e3	50.3	NO
5	5 13C9-PFNA	1800401-01 REEPDW199 0.12233	7.50e3	57.8	NO
6	6 13C4-PFOS	1800401-01 REEPDW199 0.12233	2.42e3	83.0	NO
7	7 13C6-PFDA	1800401-01 REEPDW199 0.12233	6.49e3	66.2	NO
8	8 13C7-PFUDa	1800401-01 REEPDW199 0.12233	7.18e3	50.2	NO

Name: 180317M1\_31, Date: 18-Mar-2018, Time: 01:30:00, ID: 1800401-02 REEPDW200 0.1143, Description: REEPDW200

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800401-02 REEPDW200 0.1143	4.76e3	53.8	NO
2	2 13C5-PFHxA	1800401-02 REEPDW200 0.1143	6.34e3	54.7	NO
3	3 13C3-PFHxS	1800401-02 REEPDW200 0.1143	2.19e3	77.3	NO
4	4 13C8-PFOA	1800401-02 REEPDW200 0.1143	7.05e3	50.9	NO
5	5 13C9-PFNA	1800401-02 REEPDW200 0.1143	8.16e3	62.9	NO
6	6 13C4-PFOS	1800401-02 REEPDW200 0.1143	2.33e3	79.9	NO
7	7 13C6-PFDA	1800401-02 REEPDW200 0.1143	7.22e3	73.6	NO
8	8 13C7-PFUDa	1800401-02 REEPDW200 0.1143	9.79e3	68.4	NO

Name: 180317M1\_32, Date: 18-Mar-2018, Time: 01:41:28, ID: 1800401-04 REEPDW201 0.12157, Description: REEPDW201

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800401-04 REEPDW201 0.12157	4.35e3	49.2	YES
2	2 13C5-PFHxA	1800401-04 REEPDW201 0.12157	5.80e3	50.0	NO
3	3 13C3-PFHxS	1800401-04 REEPDW201 0.12157	2.29e3	80.7	NO
4	4 13C8-PFOA	1800401-04 REEPDW201 0.12157	7.27e3	52.5	NO
5	5 13C9-PFNA	1800401-04 REEPDW201 0.12157	8.12e3	62.5	NO
6	6 13C4-PFOS	1800401-04 REEPDW201 0.12157	2.35e3	80.5	NO
7	7 13C6-PFDA	1800401-04 REEPDW201 0.12157	7.85e3	80.0	NO
8	8 13C7-PFUDa	1800401-04 REEPDW201 0.12157	9.06e3	63.2	NO

Name: 180317M1\_33, Date: 18-Mar-2018, Time: 01:52:55, ID: 1800401-05 REEPDW202 0.11354, Description: REEPDW202

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800401-05 REEPDW202 0.11354	4.48e3	50.7	NO
2	2 13C5-PFHxA	1800401-05 REEPDW202 0.11354	5.95e3	51.3	NO
3	3 13C3-PFHxS	1800401-05 REEPDW202 0.11354	2.37e3	83.8	NO
4	4 13C8-PFOA	1800401-05 REEPDW202 0.11354	5.78e3	41.7	YES
5	5 13C9-PFNA	1800401-05 REEPDW202 0.11354	7.54e3	58.1	NO
6	6 13C4-PFOS	1800401-05 REEPDW202 0.11354	2.89e3	99.2	NO
7	7 13C6-PFDA	1800401-05 REEPDW202 0.11354	6.37e3	64.9	NO
8	8 13C7-PFUDa	1800401-05 REEPDW202 0.11354	9.24e3	64.5	NO

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**Name: 180317M1\_34, Date: 18-Mar-2018, Time: 02:04:25, ID: 1800401-06 REEPDW203 0.12174, Description: REEPDW203**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800401-06 REEPDW203 0.12174	4.31e3	48.7	YES
2	2 13C5-PFHxA	1800401-06 REEPDW203 0.12174	6.14e3	52.9	NO
3	3 13C3-PFHxS	1800401-06 REEPDW203 0.12174	2.35e3	83.1	NO
4	4 13C8-PFOA	1800401-06 REEPDW203 0.12174	5.68e3	41.0	YES
5	5 13C9-PFNA	1800401-06 REEPDW203 0.12174	6.75e3	52.0	NO
6	6 13C4-PFOS	1800401-06 REEPDW203 0.12174	2.37e3	81.3	NO
7	7 13C6-PFDA	1800401-06 REEPDW203 0.12174	5.96e3	60.8	NO
8	8 13C7-PFUdA	1800401-06 REEPDW203 0.12174	7.48e3	52.2	NO

**Name: 180317M1\_35, Date: 18-Mar-2018, Time: 02:15:55, ID: B8C0039-BS1 OPR 0.125, Description: OPR**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0039-BS1 OPR 0.125	6.84e3	77.3	NO
2	2 13C5-PFHxA	B8C0039-BS1 OPR 0.125	8.99e3	77.5	NO
3	3 13C3-PFHxS	B8C0039-BS1 OPR 0.125	2.33e3	82.2	NO
4	4 13C8-PFOA	B8C0039-BS1 OPR 0.125	9.87e3	71.4	NO
5	5 13C9-PFNA	B8C0039-BS1 OPR 0.125	1.13e4	87.2	NO
6	6 13C4-PFOS	B8C0039-BS1 OPR 0.125	2.28e3	78.1	NO
7	7 13C6-PFDA	B8C0039-BS1 OPR 0.125	1.03e4	105.3	NO
8	8 13C7-PFUdA	B8C0039-BS1 OPR 0.125	1.25e4	87.5	NO

**Name: 180317M1\_36, Date: 18-Mar-2018, Time: 02:27:24, ID: B8C0039-BSD1 LCSD 0.125, Description: LCSD**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0039-BSD1 LCSD 0.125	6.49e3	73.4	NO
2	2 13C5-PFHxA	B8C0039-BSD1 LCSD 0.125	9.41e3	81.2	NO
3	3 13C3-PFHxS	B8C0039-BSD1 LCSD 0.125	2.73e3	96.2	NO
4	4 13C8-PFOA	B8C0039-BSD1 LCSD 0.125	1.08e4	77.9	NO
5	5 13C9-PFNA	B8C0039-BSD1 LCSD 0.125	1.17e4	90.4	NO
6	6 13C4-PFOS	B8C0039-BSD1 LCSD 0.125	2.70e3	92.8	NO
7	7 13C6-PFDA	B8C0039-BSD1 LCSD 0.125	1.13e4	115.3	NO
8	8 13C7-PFUdA	B8C0039-BSD1 LCSD 0.125	1.35e4	94.3	NO

**Name: 180317M1\_37, Date: 18-Mar-2018, Time: 02:38:53, ID: B8C0039-BLK1 Method Blank 0.125, Description: Method Blank**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0039-BLK1 Method Blank 0.125	6.28e3	71.0	NO
2	2 13C5-PFHxA	B8C0039-BLK1 Method Blank 0.125	8.78e3	75.7	NO
3	3 13C3-PFHxS	B8C0039-BLK1 Method Blank 0.125	2.35e3	82.9	NO
4	4 13C8-PFOA	B8C0039-BLK1 Method Blank 0.125	1.09e4	78.9	NO
5	5 13C9-PFNA	B8C0039-BLK1 Method Blank 0.125	1.02e4	78.8	NO
6	6 13C4-PFOS	B8C0039-BLK1 Method Blank 0.125	2.18e3	74.9	NO
7	7 13C6-PFDA	B8C0039-BLK1 Method Blank 0.125	9.08e3	92.5	NO
8	8 13C7-PFUdA	B8C0039-BLK1 Method Blank 0.125	1.17e4	81.8	NO

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Name: 180317M1\_38, Date: 18-Mar-2018, Time: 02:50:22, ID: 1800408-01 REEPDW204 0.12248, Description: REEPDW204

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800408-01 REEPDW204 0.12248	5.76e3	65.1	NO
2	2 13C5-PFHxA	1800408-01 REEPDW204 0.12248	8.78e3	75.8	NO
3	3 13C3-PFHxS	1800408-01 REEPDW204 0.12248	2.51e3	88.4	NO
4	4 13C8-PFOA	1800408-01 REEPDW204 0.12248	1.04e4	74.9	NO
5	5 13C9-PFNA	1800408-01 REEPDW204 0.12248	9.44e3	72.7	NO
6	6 13C4-PFOS	1800408-01 REEPDW204 0.12248	2.65e3	90.7	NO
7	7 13C6-PFDA	1800408-01 REEPDW204 0.12248	9.85e3	100.3	NO
8	8 13C7-PFUDa	1800408-01 REEPDW204 0.12248	1.32e4	92.4	NO

Name: 180317M1\_39, Date: 18-Mar-2018, Time: 03:01:52, ID: 1800408-02 REEPDW205 0.11747, Description: REEPDW205

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800408-02 REEPDW205 0.11747	5.44e3	61.5	NO
2	2 13C5-PFHxA	1800408-02 REEPDW205 0.11747	8.33e3	71.8	NO
3	3 13C3-PFHxS	1800408-02 REEPDW205 0.11747	2.35e3	83.0	NO
4	4 13C8-PFOA	1800408-02 REEPDW205 0.11747	9.95e3	71.9	NO
5	5 13C9-PFNA	1800408-02 REEPDW205 0.11747	1.05e4	80.9	NO
6	6 13C4-PFOS	1800408-02 REEPDW205 0.11747	2.51e3	86.2	NO
7	7 13C6-PFDA	1800408-02 REEPDW205 0.11747	9.18e3	93.6	NO
8	8 13C7-PFUDa	1800408-02 REEPDW205 0.11747	1.33e4	93.1	NO

Name: 180317M1\_40, Date: 18-Mar-2018, Time: 03:13:20, ID: 1800408-03 REEPDW206 0.11944, Description: REEPDW206

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800408-03 REEPDW206 0.11944	5.70e3	64.5	NO
2	2 13C5-PFHxA	1800408-03 REEPDW206 0.11944	7.34e3	63.3	NO
3	3 13C3-PFHxS	1800408-03 REEPDW206 0.11944	2.61e3	92.0	NO
4	4 13C8-PFOA	1800408-03 REEPDW206 0.11944	8.95e3	64.7	NO
5	5 13C9-PFNA	1800408-03 REEPDW206 0.11944	1.01e4	77.5	NO
6	6 13C4-PFOS	1800408-03 REEPDW206 0.11944	2.75e3	94.5	NO
7	7 13C6-PFDA	1800408-03 REEPDW206 0.11944	8.69e3	88.5	NO
8	8 13C7-PFUDa	1800408-03 REEPDW206 0.11944	1.23e4	85.8	NO

Name: 180317M1\_41, Date: 18-Mar-2018, Time: 03:24:49, ID: 1800408-04 REEPDW207 0.12065, Description: REEPDW207

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800408-04 REEPDW207 0.12065	4.77e3	54.0	NO
2	2 13C5-PFHxA	1800408-04 REEPDW207 0.12065	6.45e3	55.6	NO
3	3 13C3-PFHxS	1800408-04 REEPDW207 0.12065	2.44e3	86.2	NO
4	4 13C8-PFOA	1800408-04 REEPDW207 0.12065	7.26e3	52.5	NO
5	5 13C9-PFNA	1800408-04 REEPDW207 0.12065	9.17e3	70.6	NO
6	6 13C4-PFOS	1800408-04 REEPDW207 0.12065	2.96e3	101.5	NO
7	7 13C6-PFDA	1800408-04 REEPDW207 0.12065	7.56e3	77.0	NO
8	8 13C7-PFUDa	1800408-04 REEPDW207 0.12065	1.09e4	76.0	NO

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**Name: 180317M1\_42, Date: 18-Mar-2018, Time: 03:36:16, 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: 180317M1\_43, Date: 18-Mar-2018, Time: 03:47:46, ID: ST180317M1-3 PFC CS3 18C1208, Description: PFC CS3 18C1208**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180317M1-3 PFC CS3 18C1208	1.07e4	120.9	NO
2	2 13C5-PFHxA	ST180317M1-3 PFC CS3 18C1208	1.46e4	125.6	NO
3	3 13C3-PFHxS	ST180317M1-3 PFC CS3 18C1208	3.26e3	114.9	NO
4	4 13C8-PFOA	ST180317M1-3 PFC CS3 18C1208	1.46e4	105.3	NO
5	5 13C9-PFNA	ST180317M1-3 PFC CS3 18C1208	1.57e4	120.8	NO
6	6 13C4-PFOS	ST180317M1-3 PFC CS3 18C1208	3.42e3	117.2	NO
7	7 13C6-PFDA	ST180317M1-3 PFC CS3 18C1208	1.11e4	112.6	NO
8	8 13C7-PFUdA	ST180317M1-3 PFC CS3 18C1208	1.70e4	119.0	NO

**Name: 180317M1\_44, Date: 18-Mar-2018, Time: 03:59:14, 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: 180317M1\_45, Date: 18-Mar-2018, Time: 04:10:44, ID: 1800408-05 REEPDW208 0.119, Description: REEPDW208**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800408-05 REEPDW208 0.119	5.29e3	59.9	NO
2	2 13C5-PFHxA	1800408-05 REEPDW208 0.119	7.30e3	63.0	NO
3	3 13C3-PFHxS	1800408-05 REEPDW208 0.119	2.52e3	89.0	NO
4	4 13C8-PFOA	1800408-05 REEPDW208 0.119	8.68e3	62.7	NO
5	5 13C9-PFNA	1800408-05 REEPDW208 0.119	1.02e4	78.3	NO
6	6 13C4-PFOS	1800408-05 REEPDW208 0.119	2.66e3	91.3	NO
7	7 13C6-PFDA	1800408-05 REEPDW208 0.119	9.09e3	92.6	NO
8	8 13C7-PFUdA	1800408-05 REEPDW208 0.119	1.21e4	84.2	NO

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Name: 180317M1\_46, Date: 18-Mar-2018, Time: 04:22:11, ID: 1800408-06 REEPDW209 0.11966, Description: REEPDW209

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800408-06 REEPDW209 0.11966	4.43e3	50.1	NO
2	2 13C5-PFHxA	1800408-06 REEPDW209 0.11966	6.12e3	52.8	NO
3	3 13C3-PFHxS	1800408-06 REEPDW209 0.11966	2.50e3	88.1	NO
4	4 13C8-PFOA	1800408-06 REEPDW209 0.11966	7.96e3	57.5	NO
5	5 13C9-PFNA	1800408-06 REEPDW209 0.11966	9.76e3	75.1	NO
6	6 13C4-PFOS	1800408-06 REEPDW209 0.11966	2.53e3	86.8	NO
7	7 13C6-PFDA	1800408-06 REEPDW209 0.11966	8.10e3	82.6	NO
8	8 13C7-PFUDa	1800408-06 REEPDW209 0.11966	1.07e4	74.4	NO

Name: 180317M1\_47, Date: 18-Mar-2018, Time: 04:33:40, ID: 1800409-01 REEPDW204FRB 0.11974, Description: REEPDW204FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800409-01 REEPDW204FRB 0.11974	6.68e3	75.5	NO
2	2 13C5-PFHxA	1800409-01 REEPDW204FRB 0.11974	9.76e3	84.1	NO
3	3 13C3-PFHxS	1800409-01 REEPDW204FRB 0.11974	2.33e3	82.1	NO
4	4 13C8-PFOA	1800409-01 REEPDW204FRB 0.11974	1.10e4	79.3	NO
5	5 13C9-PFNA	1800409-01 REEPDW204FRB 0.11974	1.24e4	95.2	NO
6	6 13C4-PFOS	1800409-01 REEPDW204FRB 0.11974	2.56e3	87.8	NO
7	7 13C6-PFDA	1800409-01 REEPDW204FRB 0.11974	9.78e3	99.7	NO
8	8 13C7-PFUDa	1800409-01 REEPDW204FRB 0.11974	1.14e4	79.6	NO

Name: 180317M1\_48, Date: 18-Mar-2018, Time: 04:45:10, ID: 1800409-02 REEPDW205FRB 0.12225, Description: REEPDW205FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800409-02 REEPDW205FRB 0.12225	6.72e3	76.0	NO
2	2 13C5-PFHxA	1800409-02 REEPDW205FRB 0.12225	9.62e3	83.0	NO
3	3 13C3-PFHxS	1800409-02 REEPDW205FRB 0.12225	2.30e3	81.1	NO
4	4 13C8-PFOA	1800409-02 REEPDW205FRB 0.12225	9.85e3	71.2	NO
5	5 13C9-PFNA	1800409-02 REEPDW205FRB 0.12225	1.14e4	87.9	NO
6	6 13C4-PFOS	1800409-02 REEPDW205FRB 0.12225	2.60e3	89.2	NO
7	7 13C6-PFDA	1800409-02 REEPDW205FRB 0.12225	9.12e3	93.0	NO
8	8 13C7-PFUDa	1800409-02 REEPDW205FRB 0.12225	1.28e4	89.3	NO

Name: 180317M1\_49, Date: 18-Mar-2018, Time: 04:56:39, ID: 1800409-03 REEPDW206FRB 0.11609, Description: REEPDW206FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800409-03 REEPDW206FRB 0.11609	7.07e3	79.9	NO
2	2 13C5-PFHxA	1800409-03 REEPDW206FRB 0.11609	1.02e4	88.3	NO
3	3 13C3-PFHxS	1800409-03 REEPDW206FRB 0.11609	2.47e3	87.3	NO
4	4 13C8-PFOA	1800409-03 REEPDW206FRB 0.11609	1.07e4	77.5	NO
5	5 13C9-PFNA	1800409-03 REEPDW206FRB 0.11609	1.26e4	96.8	NO
6	6 13C4-PFOS	1800409-03 REEPDW206FRB 0.11609	2.47e3	84.8	NO
7	7 13C6-PFDA	1800409-03 REEPDW206FRB 0.11609	1.20e4	122.0	NO
8	8 13C7-PFUDa	1800409-03 REEPDW206FRB 0.11609	1.28e4	89.5	NO

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Name: 180317M1\_50, Date: 18-Mar-2018, Time: 05:08:09, ID: 1800409-04 REEPDW207FRB 0.1193, Description: REEPDW207FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800409-04 REEPDW207FRB 0.1193	6.28e3	71.0	NO
2	2 13C5-PFHxA	1800409-04 REEPDW207FRB 0.1193	9.33e3	80.5	NO
3	3 13C3-PFHxS	1800409-04 REEPDW207FRB 0.1193	2.20e3	77.8	NO
4	4 13C8-PFOA	1800409-04 REEPDW207FRB 0.1193	1.02e4	73.6	NO
5	5 13C9-PFNA	1800409-04 REEPDW207FRB 0.1193	1.05e4	81.2	NO
6	6 13C4-PFOS	1800409-04 REEPDW207FRB 0.1193	2.12e3	72.7	NO
7	7 13C6-PFDA	1800409-04 REEPDW207FRB 0.1193	9.71e3	99.0	NO
8	8 13C7-PFUdA	1800409-04 REEPDW207FRB 0.1193	1.23e4	85.7	NO

Name: 180317M1\_51, Date: 18-Mar-2018, Time: 05:19:38, ID: B8C0043-BS1 OPR 0.125, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0043-BS1 OPR 0.125	6.16e3	69.6	NO
2	2 13C5-PFHxA	B8C0043-BS1 OPR 0.125	8.58e3	74.0	NO
3	3 13C3-PFHxS	B8C0043-BS1 OPR 0.125	2.31e3	81.5	NO
4	4 13C8-PFOA	B8C0043-BS1 OPR 0.125	9.62e3	69.5	NO
5	5 13C9-PFNA	B8C0043-BS1 OPR 0.125	9.92e3	76.4	NO
6	6 13C4-PFOS	B8C0043-BS1 OPR 0.125	2.52e3	86.5	NO
7	7 13C6-PFDA	B8C0043-BS1 OPR 0.125	9.32e3	95.0	NO
8	8 13C7-PFUdA	B8C0043-BS1 OPR 0.125	1.19e4	83.1	NO

Name: 180317M1\_52, Date: 18-Mar-2018, Time: 05:31:05, ID: B8C0043-BSD1 LCSD 0.125, Description: LCSD

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0043-BSD1 LCSD 0.125	6.08e3	68.8	NO
2	2 13C5-PFHxA	B8C0043-BSD1 LCSD 0.125	8.74e3	75.4	NO
3	3 13C3-PFHxS	B8C0043-BSD1 LCSD 0.125	2.08e3	73.5	NO
4	4 13C8-PFOA	B8C0043-BSD1 LCSD 0.125	9.61e3	69.4	NO
5	5 13C9-PFNA	B8C0043-BSD1 LCSD 0.125	1.03e4	79.2	NO
6	6 13C4-PFOS	B8C0043-BSD1 LCSD 0.125	2.20e3	75.6	NO
7	7 13C6-PFDA	B8C0043-BSD1 LCSD 0.125	9.53e3	97.1	NO
8	8 13C7-PFUdA	B8C0043-BSD1 LCSD 0.125	1.05e4	73.0	NO

Name: 180317M1\_53, Date: 18-Mar-2018, Time: 05:42:35, ID: B8C0043-BLK1 Method Blank 0.125, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8C0043-BLK1 Method Blank 0.125	5.80e3	65.6	NO
2	2 13C5-PFHxA	B8C0043-BLK1 Method Blank 0.125	8.47e3	73.1	NO
3	3 13C3-PFHxS	B8C0043-BLK1 Method Blank 0.125	2.41e3	85.2	NO
4	4 13C8-PFOA	B8C0043-BLK1 Method Blank 0.125	1.01e4	73.1	NO
5	5 13C9-PFNA	B8C0043-BLK1 Method Blank 0.125	8.68e3	66.8	NO
6	6 13C4-PFOS	B8C0043-BLK1 Method Blank 0.125	2.35e3	80.5	NO
7	7 13C6-PFDA	B8C0043-BLK1 Method Blank 0.125	9.84e3	100.3	NO
8	8 13C7-PFUdA	B8C0043-BLK1 Method Blank 0.125	1.14e4	79.5	NO



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**Name: 180317M1\_54, Date: 18-Mar-2018, Time: 05:54:04, ID: 1800409-05RE1 REEPDW208FRB 0.11783, Description: REEPDW208FRB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800409-05RE1 REEPDW208FRB 0.1...	5.94e3	67.1	NO
2	2 13C5-PFHxA	1800409-05RE1 REEPDW208FRB 0.1...	8.23e3	71.0	NO
3	3 13C3-PFHxS	1800409-05RE1 REEPDW208FRB 0.1...	2.00e3	70.7	NO
4	4 13C8-PFOA	1800409-05RE1 REEPDW208FRB 0.1...	9.61e3	69.4	NO
5	5 13C9-PFNA	1800409-05RE1 REEPDW208FRB 0.1...	9.88e3	76.1	NO
6	6 13C4-PFOS	1800409-05RE1 REEPDW208FRB 0.1...	2.03e3	69.7	NO
7	7 13C6-PFDA	1800409-05RE1 REEPDW208FRB 0.1...	9.47e3	96.5	NO
8	8 13C7-PFUdA	1800409-05RE1 REEPDW208FRB 0.1...	1.16e4	80.7	NO

**Name: 180317M1\_55, Date: 18-Mar-2018, Time: 06:05:34, ID: 1800409-06RE1 REEPDW209FRB 0.1172, Description: REEPDW209FRB**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800409-06RE1 REEPDW209FRB 0.1...	6.16e3	69.7	NO
2	2 13C5-PFHxA	1800409-06RE1 REEPDW209FRB 0.1...	8.68e3	74.9	NO
3	3 13C3-PFHxS	1800409-06RE1 REEPDW209FRB 0.1...	1.98e3	69.8	NO
4	4 13C8-PFOA	1800409-06RE1 REEPDW209FRB 0.1...	9.37e3	67.7	NO
5	5 13C9-PFNA	1800409-06RE1 REEPDW209FRB 0.1...	1.07e4	82.8	NO
6	6 13C4-PFOS	1800409-06RE1 REEPDW209FRB 0.1...	2.23e3	76.5	NO
7	7 13C6-PFDA	1800409-06RE1 REEPDW209FRB 0.1...	1.02e4	104.0	NO
8	8 13C7-PFUdA	1800409-06RE1 REEPDW209FRB 0.1...	1.24e4	86.4	NO

**Name: 180317M1\_56, Date: 18-Mar-2018, Time: 06:17:01, ID: IPA, Description: IPA**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

**Name: 180317M1\_57, Date: 18-Mar-2018, Time: 06:28:30, ID: ST180316M1-4 PFC CS3 18C1208, Description: PFC CS3 18C1208**

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180316M1-4 PFC CS3 18C1208	1.08e4	121.6	NO
2	2 13C5-PFHxA	ST180316M1-4 PFC CS3 18C1208	1.48e4	127.4	NO
3	3 13C3-PFHxS	ST180316M1-4 PFC CS3 18C1208	3.18e3	112.1	NO
4	4 13C8-PFOA	ST180316M1-4 PFC CS3 18C1208	1.57e4	113.5	NO
5	5 13C9-PFNA	ST180316M1-4 PFC CS3 18C1208	1.60e4	122.9	NO
6	6 13C4-PFOS	ST180316M1-4 PFC CS3 18C1208	3.23e3	110.7	NO
7	7 13C6-PFDA	ST180316M1-4 PFC CS3 18C1208	1.28e4	130.8	NO
8	8 13C7-PFUdA	ST180316M1-4 PFC CS3 18C1208	1.70e4	118.8	NO

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**Name: 180317M1\_58, Date: 18-Mar-2018, Time: 06:40:00, ID: IPA, Description: IPA**

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	IPA			NO
2	2	13C5-PFHxA	IPA			NO
3	3	13C3-PFHxS	IPA			NO
4	4	13C8-PFOA	IPA			NO
5	5	13C9-PFNA	IPA			NO
6	6	13C4-PFOS	IPA			NO
7	7	13C6-PFDA	IPA			NO
8	8	13C7-PFUdA	IPA			NO

Dataset: Untitled

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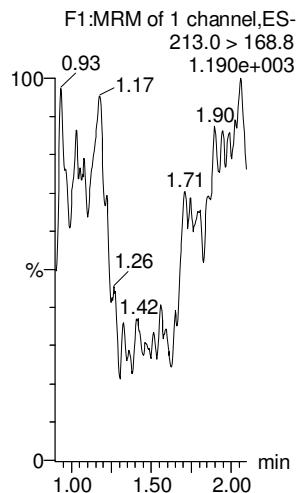
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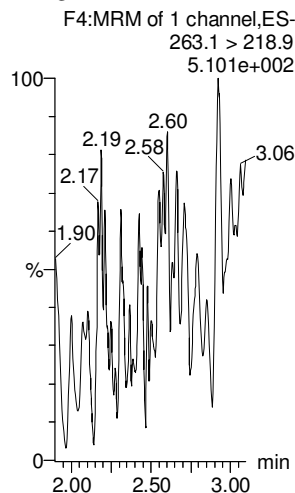
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Name: 180317M1\_3, Date: 17-Mar-2018, Time: 20:08:52, ID: IPA, Description: IPA

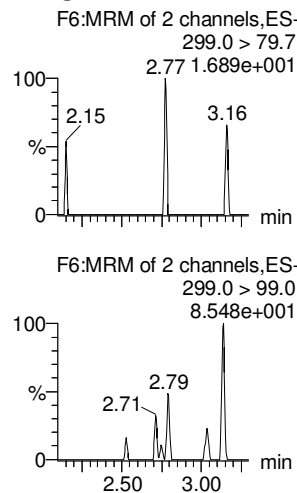
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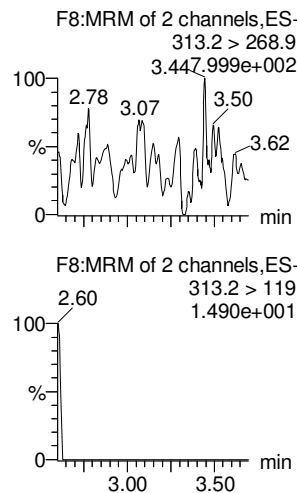
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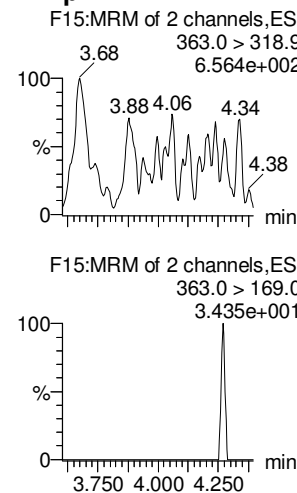
**PFBS**



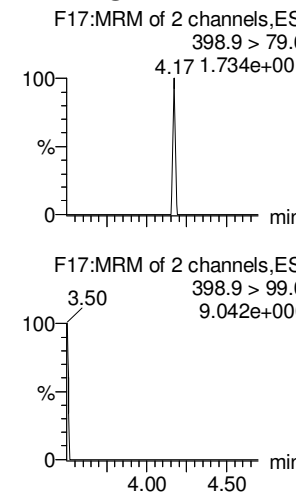
**PFHxA**



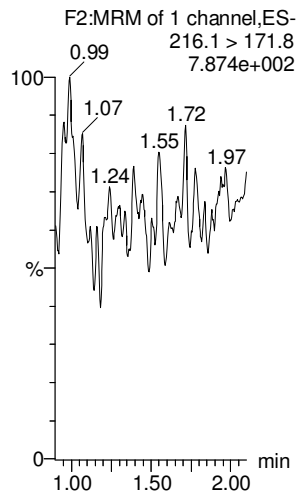
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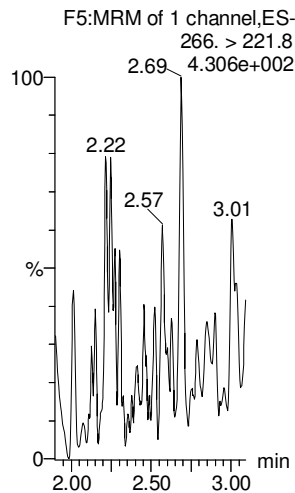
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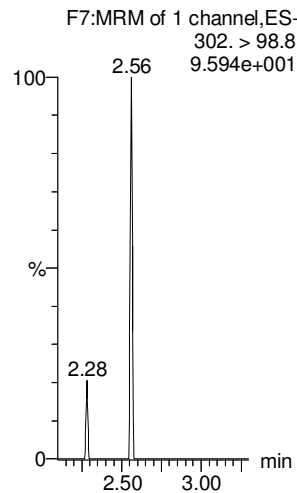
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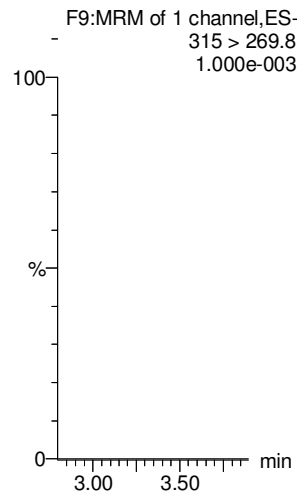
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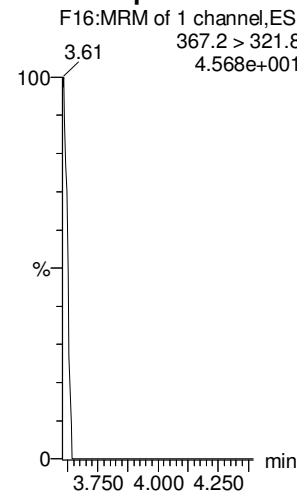
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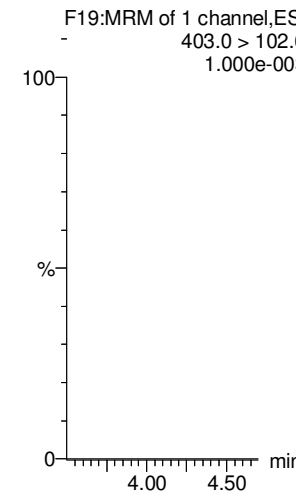
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



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**6:2 FTS**

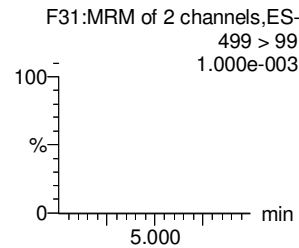
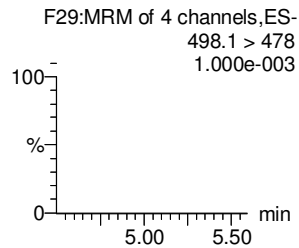
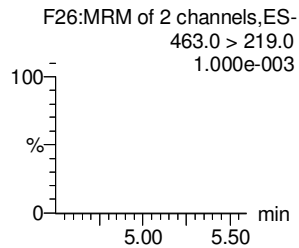
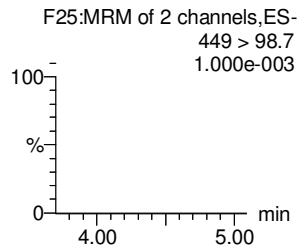
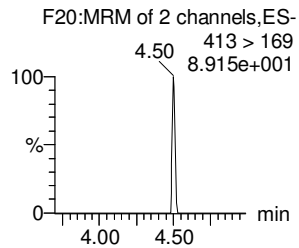
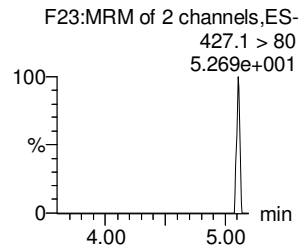
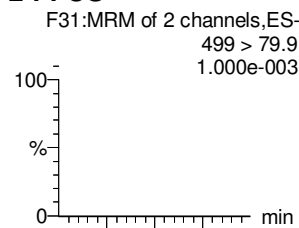
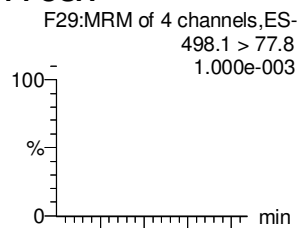
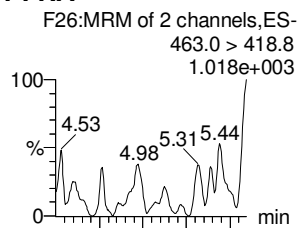
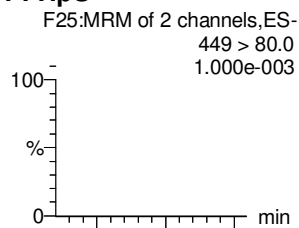
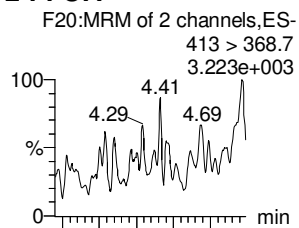
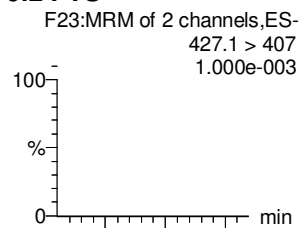
**L-PFOA**

**PFHpS**

**PFNA**

**PFOSA**

**L-PFOS**



**13C2-6:2 FTS**

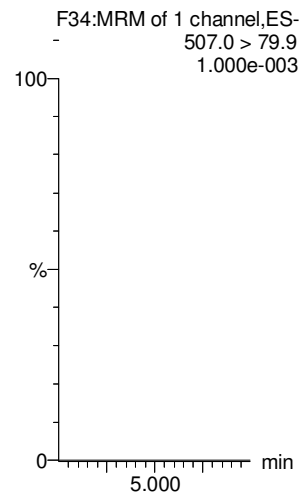
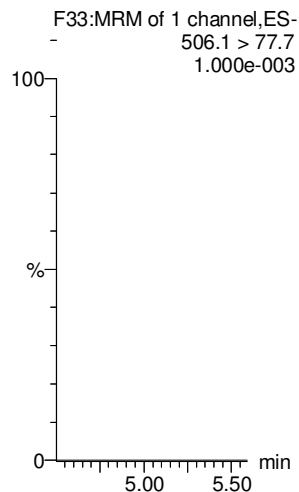
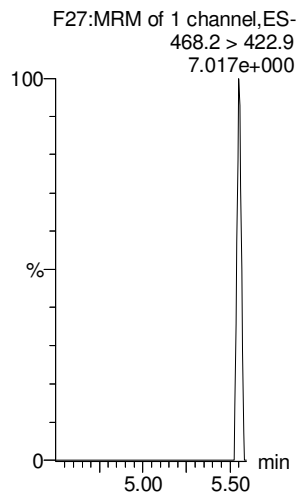
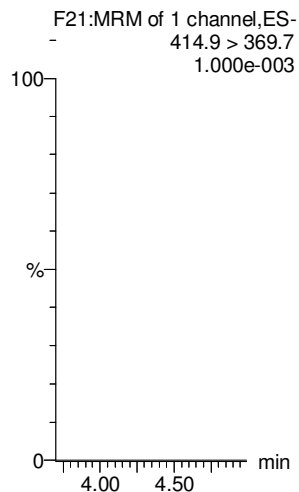
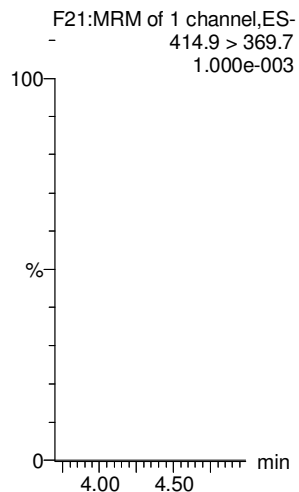
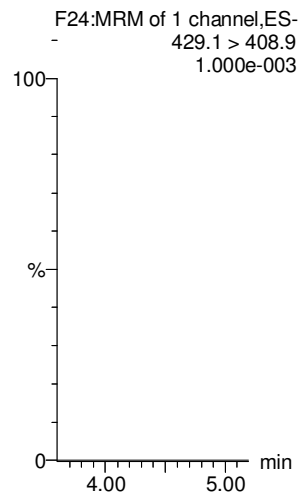
**13C2-PFOA**

**13C2-PFOA**

**13C5-PFNA**

**13C8-PFOSA**

**13C8-PFOS**



Dataset: Untitled

Last Altered: Monday, March 19, 2018 11:55:24 Pacific Daylight Time

Printed: Monday, March 19, 2018 11:55:43 Pacific Daylight Time

Name: 180317M1\_3, Date: 17-Mar-2018, Time: 20:08:52, ID: IPA, Description: IPA

**PFDA**

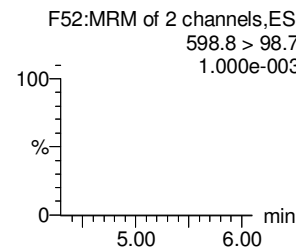
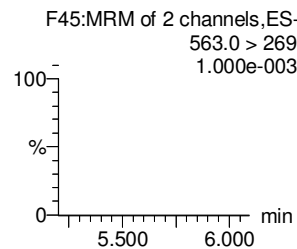
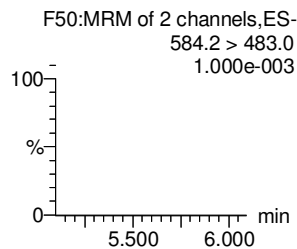
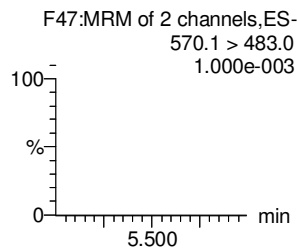
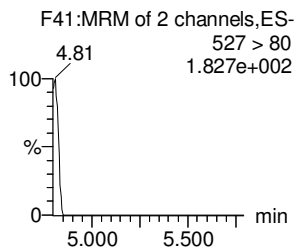
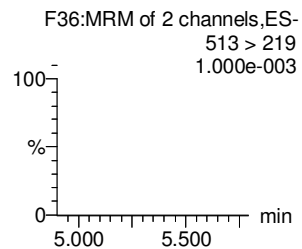
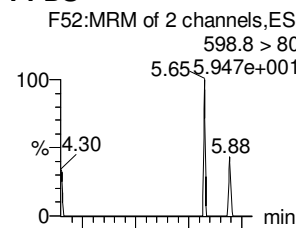
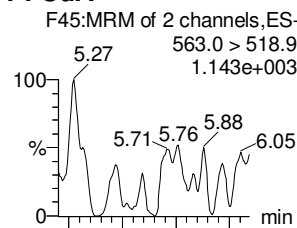
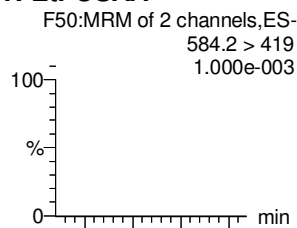
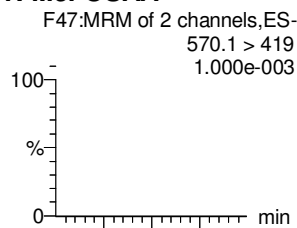
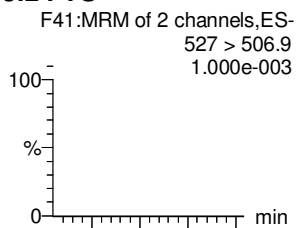
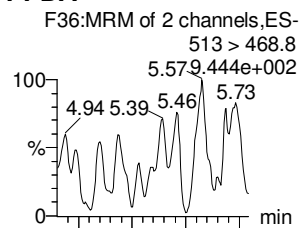
**8:2 FTS**

**N-MeFOSAA**

**N-EtFOSAA**

**PFUdA**

**PFDS**



**13C2-PFDA**

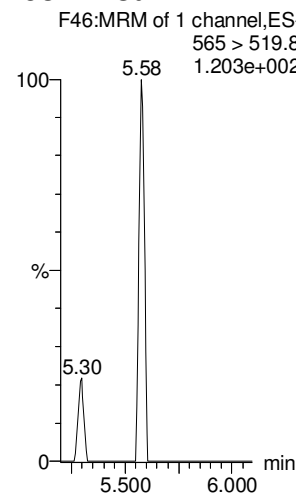
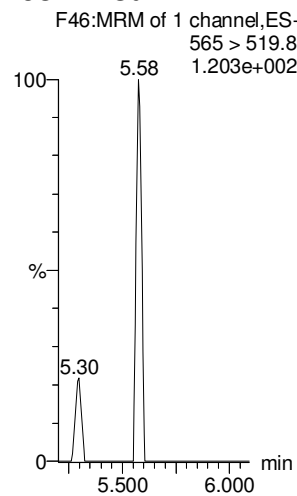
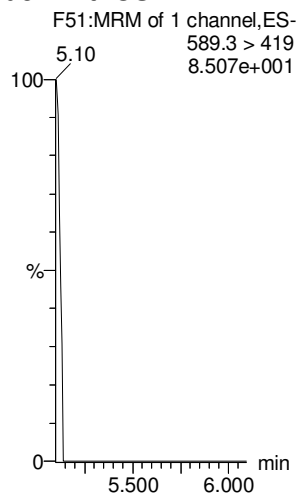
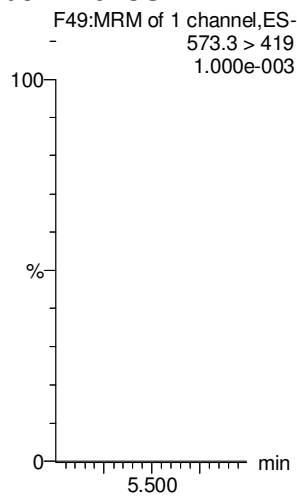
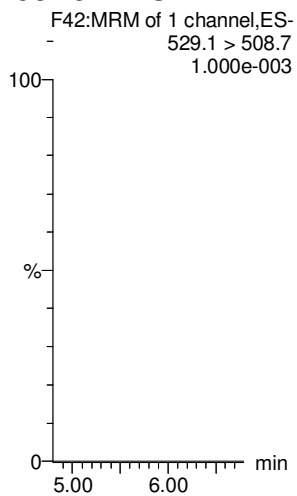
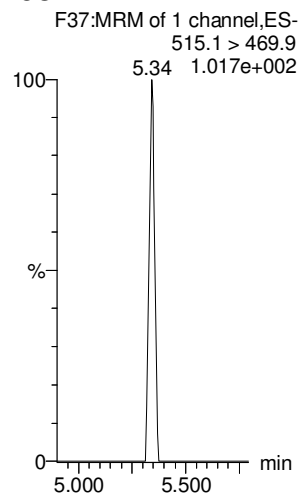
**13C2-8:2 FTS**

**d3-N-MeFOSAA**

**d5-N-EtFOSAA**

**13C2-PFUdA**

**13C2-PFUdA**



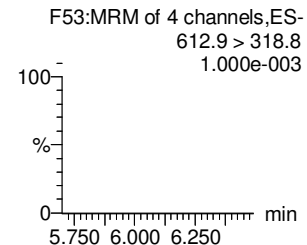
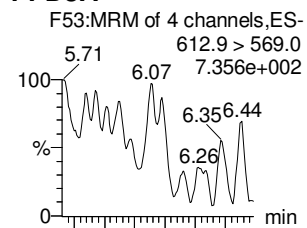
Dataset: Untitled

Last Altered: Monday, March 19, 2018 11:55:24 Pacific Daylight Time

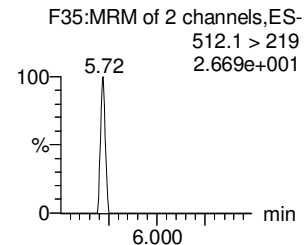
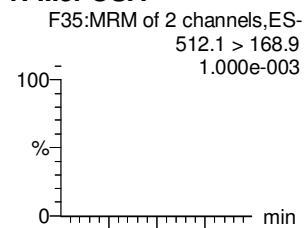
Printed: Monday, March 19, 2018 11:55:43 Pacific Daylight Time

Name: 180317M1\_3, Date: 17-Mar-2018, Time: 20:08:52, ID: IPA, Description: IPA

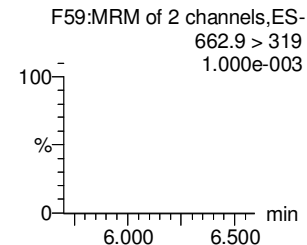
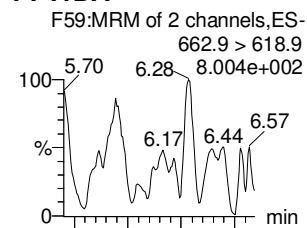
**PFDoA**



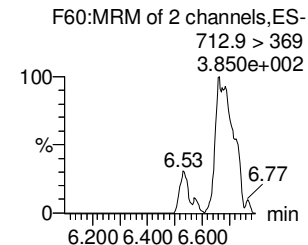
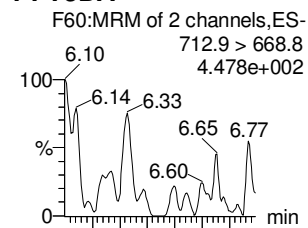
**N-MeFOSA**



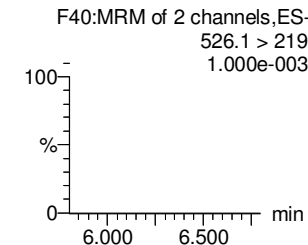
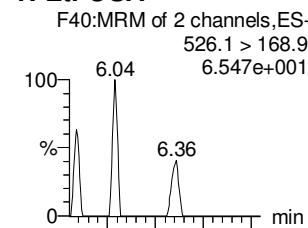
**PFTrDA**



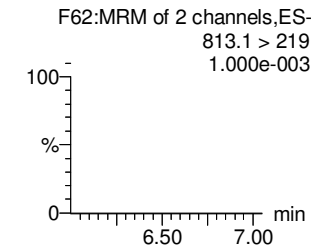
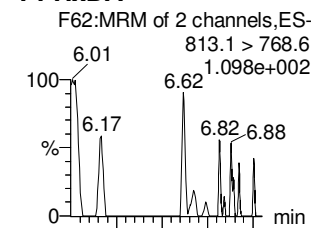
**PFTeDA**



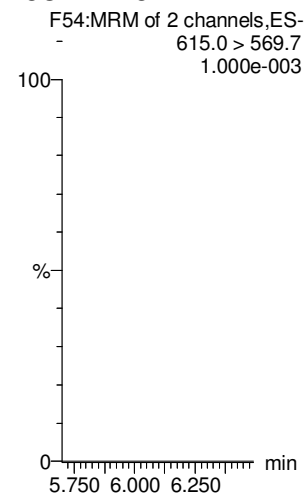
**N-EtFOSA**



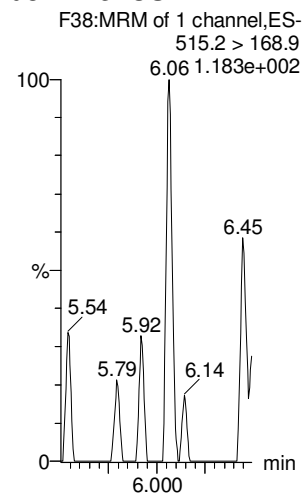
**PFHxDA**



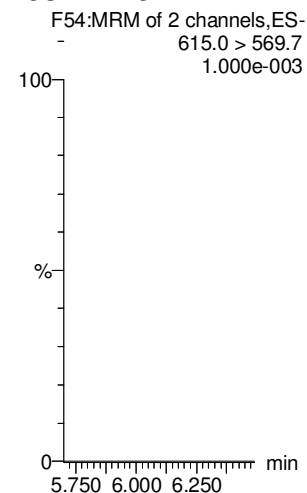
**13C2-PFDoA**



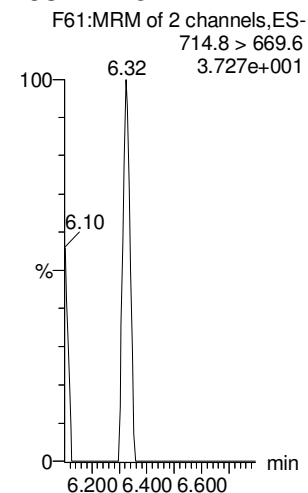
**d3-N-MeFOSA**



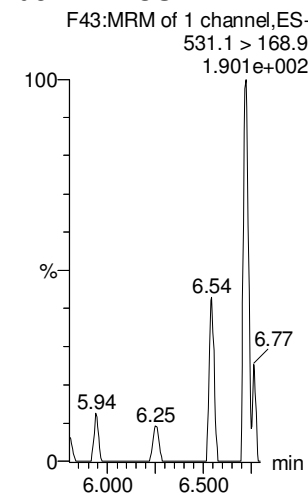
**13C2-PFDoA**



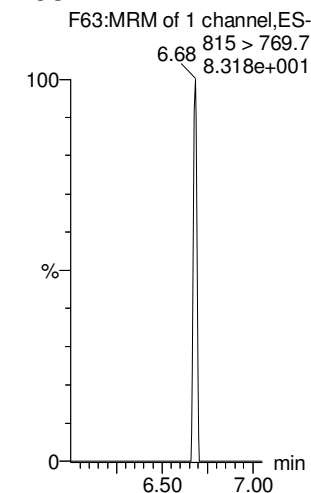
**13C2-PFTeDA**



**d5-N-ETFOSA**



**13C2-PFHxDA**



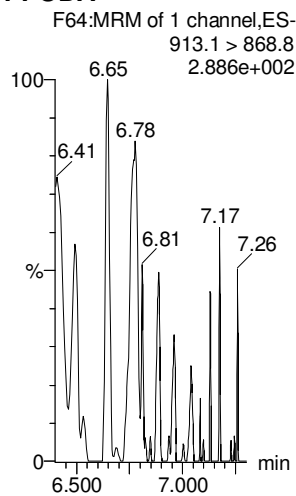
Dataset: Untitled

Last Altered: Monday, March 19, 2018 11:55:24 Pacific Daylight Time

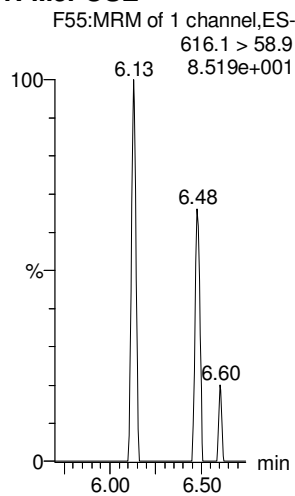
Printed: Monday, March 19, 2018 11:55:43 Pacific Daylight Time

Name: 180317M1\_3, Date: 17-Mar-2018, Time: 20:08:52, ID: IPA, Description: IPA

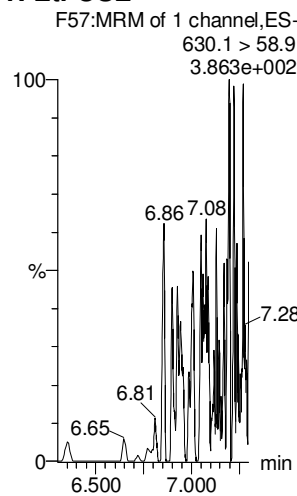
**PFODA**



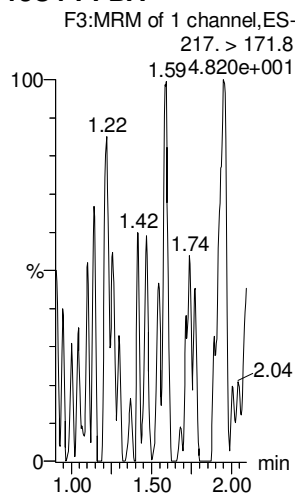
**N-MeFOSE**



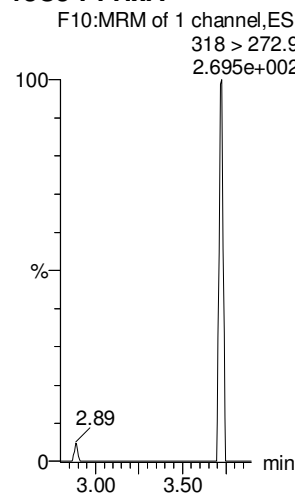
**N-EtFOSE**



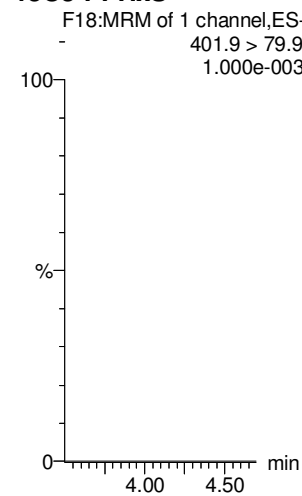
**13C4-PFBA**



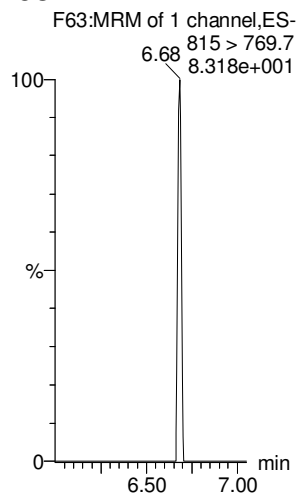
**13C5-PFHxA**



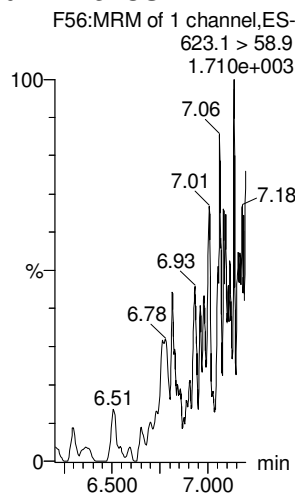
**13C3-PFHxS**



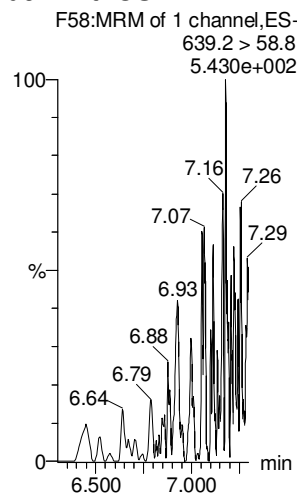
**13C2-PFHxDA**



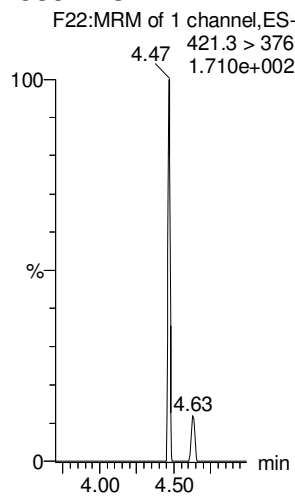
**d7-N-MeFOSE**



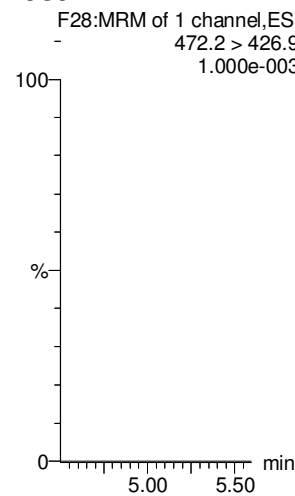
**d9-N-EtFOSE**



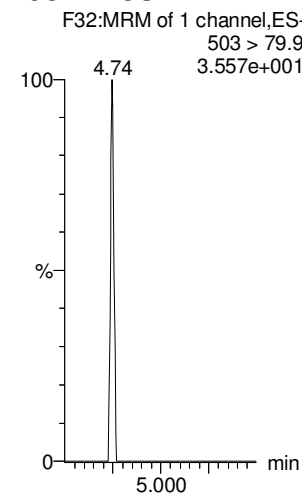
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**



Dataset: Untitled

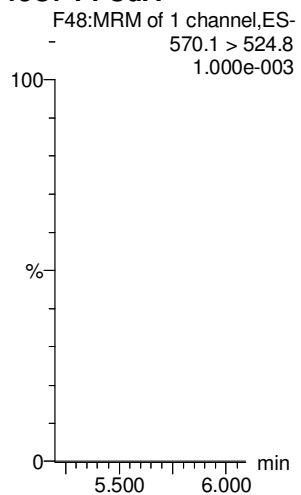
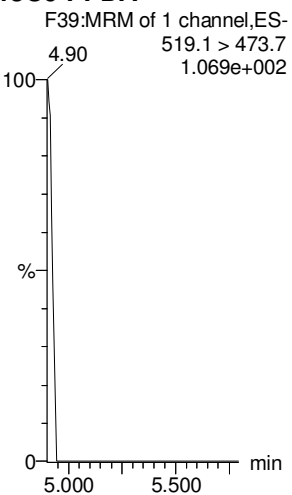
Last Altered: Monday, March 19, 2018 11:55:24 Pacific Daylight Time

Printed: Monday, March 19, 2018 11:55:43 Pacific Daylight Time

Name: 180317M1\_3, Date: 17-Mar-2018, Time: 20:08:52, ID: IPA, Description: IPA

13C6-PFDA

13C7-PFUdA





# LC Calibration Standards Review Checklist 04

Calibration ID:	ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	
ST180317M1-1 <span style="float: right;">LMH</span>	<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"/>
↓ 2 <span style="float: right;">LMH</span>	<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"/>
↓ 3 <span style="float: right;">LMH</span>	<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"/>
↓ 4 <span style="float: right;">LMH</span>	<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"/>
_____ <span style="float: right;">LMH</span>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ <span style="float: right;">LMH</span>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ <span style="float: right;">LMH</span>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ <span style="float: right;">LMH</span>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ <span style="float: right;">LMH</span>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ <span style="float: right;">LMH</span>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Full Mass Cal. Date: 2/7/19

- Run Log Present:
- # of Samples per Sequence Checked:
- Instrument Blank Saved  18-180317M
- IIS Area Saved  180317M1
- Reviewed By: JA 03/19/2018  
Initials/Date

**Comments:**

Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-2.qld

Last Altered: Monday, March 19, 2018 09:08:03 Pacific Daylight Time

Printed: Monday, March 19, 2018 09:08:35 Pacific Daylight Time

*JA.*  
*03/19/2018*

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_2, Date: 17-Mar-2018, Time: 19:57:24, ID: ST180317M1-1 PFC CS0 18C1205, Description: PFC CS0 18C1205

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out
1	1 PFBA	213.0 > 168.8	7.09e2	8.10e3		1.86	1.65	1.09	0.960	96.0	NO
2	2 PFPeA	263.1 > 218.9	8.41e2	1.00e4		2.85	2.64	1.05	0.998	99.8	NO
3	3 PFBS	299.0 > 79.7	1.91e2	1.29e3		3.11	2.91	1.85	1.09	108.9	NO
4	4 4:2 FTS	327.2>307.2	2.17e2	1.29e3		3.52	3.31	2.11	0.937	93.7	NO
5	5 PFHxA	313.2 > 268.9	1.05e3	3.46e3		3.62	3.40	1.51	0.991	99.1	NO
6	6 PFPeS	349.1>80.1	2.13e2	1.29e3		3.81	3.59	2.06	1.15	115.1	NO
7	7 PFHpA	363.0 > 318.9	8.61e2	8.21e3		4.25	4.02	1.31	1.02	101.6	NO
8	8 L-PFHxS	398.9 > 79.6	1.71e2	9.60e2		4.18	4.17	2.23	1.19	119.1	NO
9	10 6:2 FTS	427.1 > 407	2.67e2	2.81e3		4.70	4.49	1.19	1.06	106.1	NO
10	11 L-PFOA	413 > 368.7	1.08e3	1.22e4		4.60	4.54	1.10	1.10	109.6	NO
11	13 PFHpS	449 > 80.0	2.41e2	1.22e4		4.85	4.64	0.247	1.18	118.2	NO
12	14 PFNA	463.0 > 418.8	1.05e3	1.19e4		5.18	4.96	1.09	0.942	94.2	NO
13	15 PFOSA	498.1 > 77.8	2.03e2	2.76e3		5.24	5.03	0.918	0.913	91.3	NO
14	16 L-PFOS	499 > 79.9	2.46e2	2.84e3		5.04	5.05	1.08	1.16	115.7	NO
15	18 PFDA	513 > 468.8	1.37e3	1.30e4		5.55	5.33	1.31	1.05	104.6	NO
16	19 8:2 FTS	527 > 506.9	3.67e2	2.25e3		5.53	5.31	2.04	1.06	106.1	NO
17	20 PFNS	549.1>80.1	1.56e2	2.84e3		5.61	5.40	0.686	0.816	81.6	NO
18	21 N-MeFOSAA	570.1 > 419	7.12e2	6.27e3		5.69	5.49	1.42	1.02	102.0	NO
19	22 N-EtFOSAA	584.2 > 419	6.06e2	6.59e3		5.85	5.64	1.15	1.08	108.4	NO
20	23 PFUdA	563.0 > 518.9	1.17e3	1.31e4		5.87	5.65	1.12	1.05	105.0	NO
21	24 PFDS	598.8 > 80	2.44e2	1.31e4		5.91	5.70	0.234	1.09	109.2	NO
22	25 PFDoA	612.9 > 569.0	1.53e3	1.10e4		6.14	5.93	1.75	1.00	100.1	NO
23	26 N-MeFOSA	512.1 > 168.9	5.31e2	1.57e4		6.14	6.07	5.06	5.14	102.9	NO
24	27 PFTTrDA	662.9 > 618.9	1.59e3	1.10e4		6.39	6.18	1.81	1.08	108.1	NO
25	28 PFTeDA	712.9 > 668.8	1.38e3	6.26e3		6.56	6.39	2.75	1.12	112.4	NO
26	29 N-EtFOSA	526.1 > 168.9	7.65e2	2.38e4		6.48	6.44	4.83	5.22	104.3	NO
27	30 PFHxDA	813.1 > 768.6	5.11e2	5.32e3		6.85	6.69	0.481	0.892	89.2	NO
28	31 PFOA	913.1 > 868.8	1.39e3	5.32e3		7.06	6.91	1.30	1.12	112.4	NO
29	32 N-MeFOSE	616.1 > 58.9	5.58e2	1.99e4		6.56	6.55	4.20	4.80	96.0	NO
30	33 N-EtFOSE	630.1 > 58.9	6.95e2	1.83e4		6.70	6.69	5.69	5.14	102.9	NO
31	34 13C3-PFBA	216.1 > 171.8	8.10e3	8.84e3	0.878	1.86	1.66	11.4	13.0	104.4	NO

*OK*  
*3/17/18*

Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-2.qld

Last Altered: Monday, March 19, 2018 09:08:03 Pacific Daylight Time

Printed: Monday, March 19, 2018 09:08:35 Pacific Daylight Time

Name: 180317M1\_2, Date: 17-Mar-2018, Time: 19:57:24, ID: ST180317M1-1 PFC CS0 18C1205, Description: PFC CS0 18C1205

	# Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out
32	35 13C3-PFPeA	266. > 221.8	1.00e4	1.16e4	0.844	2.85	2.64	10.8	12.8	102.5	NO
33	36 13C3-PFBS	302. > 98.8	1.29e3	1.16e4	0.103	3.11	2.91	1.39	13.4	107.5	NO
34	37 13C2-PFHxA	315 > 269.8	3.46e3	1.16e4	0.741	3.62	3.40	3.73	5.04	100.7	NO
35	38 13C4-PFHpA	367.2 > 321.8	8.21e3	1.16e4	0.726	4.25	4.02	8.84	12.2	97.4	NO
36	39 18O2-PFHxS	403.0 > 102.6	9.60e2	2.83e3	0.368	4.39	4.17	4.23	11.5	92.0	NO
37	40 13C2-6:2 FTS	429.1 > 408.9	2.81e3	1.38e4	0.265	4.70	4.49	2.53	9.56	76.5	NO
38	41 13C2-PFOA	414.9 > 369.7	1.22e4	1.38e4	0.987	4.76	4.53	11.0	11.2	89.5	NO
39	42 13C5-PFNA	468.2 > 422.9	1.19e4	1.30e4	0.967	5.18	4.96	11.5	11.9	95.1	NO
40	43 13C8-PFOSA	506.1 > 77.7	2.76e3	1.43e4	0.235	5.24	5.03	2.41	10.3	82.1	NO
41	44 13C8-PFOS	507.0 > 79.9	2.84e3	2.92e3	1.040	5.26	5.04	12.2	11.7	93.8	NO
42	45 13C2-PFDA	515.1 > 469.9	1.30e4	9.81e3	1.204	5.55	5.34	16.6	13.8	110.3	NO
43	46 13C2-8:2 FTS	529.1 > 508.7	2.25e3	1.16e4	0.168	5.53	5.31	2.42	14.4	115.2	NO
44	47 d3-N-MeFOSAA	573.3 > 419	6.27e3	1.43e4	0.465	5.69	5.48	5.47	11.8	94.1	NO
45	48 d5-N-EtFOSAA	589.3 > 419	6.59e3	1.43e4	0.510	5.85	5.64	5.75	11.3	90.3	NO
46	49 13C2-PFUdA	565 > 519.8	1.31e4	1.43e4	1.063	5.87	5.65	11.4	10.7	85.7	NO
47	50 13C2-PFDoA	615.0 > 569.7	1.10e4	1.43e4	0.875	6.14	5.93	9.59	11.0	87.7	NO
48	51 d3-N-MeFOSA	515.2 > 168.9	1.57e4	1.43e4	0.114	6.14	6.09	13.7	120	80.3	NO
49	52 13C2-PFTeDA	714.8 > 669.6	6.26e3	1.43e4	0.500	6.56	6.39	5.46	10.9	87.4	NO
50	53 d5-N-ETFOSA	531.1 > 168.9	2.38e4	1.43e4	0.158	6.48	6.45	20.8	131	87.5	NO
51	54 13C2-PFHxDA	815 > 769.7	5.32e3	1.43e4	1.081	6.85	6.69	4.64	4.30	85.9	NO
52	55 d7-N-MeFOSE	623.1 > 58.9	1.99e4	1.43e4	0.138	6.56	6.53	17.4	126	84.0	NO
53	56 d9-N-EtFOSE	639.2 > 58.8	1.83e4	1.43e4	0.127	6.70	6.68	16.0	126	84.0	NO
54	57 13C4-PFBA	217. > 171.8	8.84e3	8.84e3	1.000	1.86	1.66	12.5	12.5	100.0	NO
55	58 13C5-PFHxA	318 > 272.9	1.16e4	1.16e4	1.000	3.62	3.40	12.5	12.5	100.0	NO
56	59 13C3-PFHxS	401.9 > 79.9	2.83e3	2.83e3	1.000	4.39	4.17	12.5	12.5	100.0	NO
57	60 13C8-PFOA	421.3 > 376	1.38e4	1.38e4	1.000	4.76	4.53	12.5	12.5	100.0	NO
58	61 13C9-PFNA	472.2 > 426.9	1.30e4	1.30e4	1.000	5.18	4.96	12.5	12.5	100.0	NO
59	62 13C4-PFOS	503 > 79.9	2.92e3	2.92e3	1.000	5.26	5.04	12.5	12.5	100.0	NO
60	63 13C6-PFDA	519.1 > 473.7	9.81e3	9.81e3	1.000	5.55	5.34	12.5	12.5	100.0	NO
61	64 13C7-PFUdA	570.1 > 524.8	1.43e4	1.43e4	1.000	5.87	5.65	12.5	12.5	100.0	NO

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Monday, March 19, 2018 11:53:35 Pacific Daylight Time

Printed: Monday, March 19, 2018 11:53:42 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180317M1_1	IPA	17-Mar-18	19:46:00
2	180317M1_2	ST180317M1-1 PFC CS0 18C1205	17-Mar-18	19:57:24
3	180317M1_3	IPA	17-Mar-18	20:08:52
4	180317M1_4	B8C0101-BS1 OPR 0.125	17-Mar-18	20:20:21
5	180317M1_5	B8C0101-BSD1 LCSD 0.125	17-Mar-18	20:31:45
6	180317M1_6	B8C0101-BLK1 Method Blank 0.125	17-Mar-18	20:43:12
7	180317M1_7	1800361-01RE1 WI-A06-EB01-021918 0.11631	17-Mar-18	20:54:42
8	180317M1_8	1800361-02RE1 WI-A06-MW-13-0218 0.12182	17-Mar-18	21:06:08
9	180317M1_9	1800361-03RE1 WI-A06-FB01-022018 0.12192	17-Mar-18	21:17:35
10	180317M1_10	1800361-04RE1 WI-A06-6-DW-38A-0218 0.119...	17-Mar-18	21:29:02
11	180317M1_11	1800361-05RE1 WI-A06-EB01-022018 0.12096	17-Mar-18	21:40:29
12	180317M1_12	1800361-06RE1 WI-A06-6-S-27-0218 0.1213	17-Mar-18	21:51:59
13	180317M1_13	1800361-07RE1 WI-A06-6-S-28-0218 0.12084	17-Mar-18	22:03:20
14	180317M1_14	1800361-08RE1 WI-A06-FB01-022118 0.11778	17-Mar-18	22:14:47
15	180317M1_15	1800361-09RE1 WI-A06-MW-01-0218 0.12063	17-Mar-18	22:26:14
16	180317M1_16	1800361-10RE1 WI-A06-EB01-022118 0.12144	17-Mar-18	22:37:44
17	180317M1_17	1800367-01RE1 WI-A06-EB01-0218 0.12311	17-Mar-18	22:49:13
18	180317M1_18	1800367-02RE1 WI-A06-MW03B-0218 0.11921	17-Mar-18	23:00:39
19	180317M1_19	1800367-03RE1 WI-A06-FB01-022218 0.12396	17-Mar-18	23:12:09
20	180317M1_20	1800367-04RE1 WI-A06-6-S-02-0218 0.11895	17-Mar-18	23:23:38
21	180317M1_21	1800367-05RE1 WI-A06-6-S-05-0218 0.12239	17-Mar-18	23:35:06
22	180317M1_22	1800367-06RE1 WI-A06-6-S-05P-0218 0.12532	17-Mar-18	23:46:35
23	180317M1_23	1800367-07RE1 WI-A06-FB01-022318 0.12195	17-Mar-18	23:58:04
24	180317M1_24	1800367-08RE1 WI-A06-EB01-022318 0.12383	18-Mar-18	00:09:33
25	180317M1_25	IPA	18-Mar-18	00:21:03
26	180317M1_26	ST180317M1-2 PFC CS3 18C1208	18-Mar-18	00:32:33
27	180317M1_27	IPA	18-Mar-18	00:44:02
28	180317M1_28	B8C0038-MS1 Matrix Spike 0.11959	18-Mar-18	00:55:31
29	180317M1_29	B8C0038-MSD1 Matrix Spike Dup 0.11664	18-Mar-18	01:07:01
30	180317M1_30	1800401-01 REEPDW199 0.12233	18-Mar-18	01:18:31
31	180317M1_31	1800401-02 REEPDW200 0.1143	18-Mar-18	01:30:00

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Dataset: Untitled

Last Altered: Monday, March 19, 2018 11:53:35 Pacific Daylight Time

Printed: Monday, March 19, 2018 11:53:42 Pacific Daylight Time

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
32	180317M1_32	1800401-04 REEPDW201 0.12157	18-Mar-18	01:41:28
33	180317M1_33	1800401-05 REEPDW202 0.11354	18-Mar-18	01:52:55
34	180317M1_34	1800401-06 REEPDW203 0.12174	18-Mar-18	02:04:25
35	180317M1_35	B8C0039-BS1 OPR 0.125	18-Mar-18	02:15:55
36	180317M1_36	B8C0039-BSD1 LCSD 0.125	18-Mar-18	02:27:24
37	180317M1_37	B8C0039-BLK1 Method Blank 0.125	18-Mar-18	02:38:53
38	180317M1_38	1800408-01 REEPDW204 0.12248	18-Mar-18	02:50:22
39	180317M1_39	1800408-02 REEPDW205 0.11747	18-Mar-18	03:01:52
40	180317M1_40	1800408-03 REEPDW206 0.11944	18-Mar-18	03:13:20
41	180317M1_41	1800408-04 REEPDW207 0.12065	18-Mar-18	03:24:49
42	180317M1_42	IPA	18-Mar-18	03:36:16
43	180317M1_43	ST180317M1-3 PFC CS3 18C1208	18-Mar-18	03:47:46
44	180317M1_44	IPA	18-Mar-18	03:59:14
45	180317M1_45	1800408-05 REEPDW208 0.119	18-Mar-18	04:10:44
46	180317M1_46	1800408-06 REEPDW209 0.11966	18-Mar-18	04:22:11
47	180317M1_47	1800409-01 REEPDW204FRB 0.11974	18-Mar-18	04:33:40
48	180317M1_48	1800409-02 REEPDW205FRB 0.12225	18-Mar-18	04:45:10
49	180317M1_49	1800409-03 REEPDW206FRB 0.11609	18-Mar-18	04:56:39
50	180317M1_50	1800409-04 REEPDW207FRB 0.1193	18-Mar-18	05:08:09
51	180317M1_51	B8C0043-BS1 OPR 0.125	18-Mar-18	05:19:38
52	180317M1_52	B8C0043-BSD1 LCSD 0.125	18-Mar-18	05:31:05
53	180317M1_53	B8C0043-BLK1 Method Blank 0.125	18-Mar-18	05:42:35
54	180317M1_54	1800409-05RE1 REEPDW208FRB 0.11783	18-Mar-18	05:54:04
55	180317M1_55	1800409-06RE1 REEPDW209FRB 0.1172	18-Mar-18	06:05:34
56	180317M1_56	IPA	18-Mar-18	06:17:01
57	180317M1_57	<del>ST180317M1-4</del> PFC CS3 18C1208	18-Mar-18	06:28:30
58	180317M1_58	IPA	18-Mar-18	06:40:00

AD 3/19/18

Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-2.qld

Last Altered: Monday, March 19, 2018 09:08:03 Pacific Daylight Time

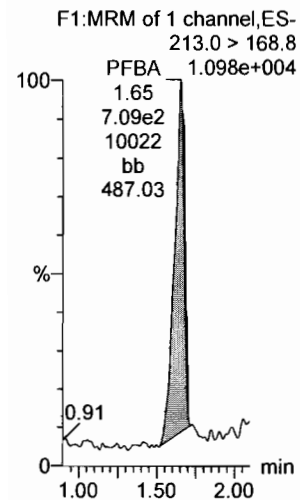
Printed: Monday, March 19, 2018 09:08:35 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

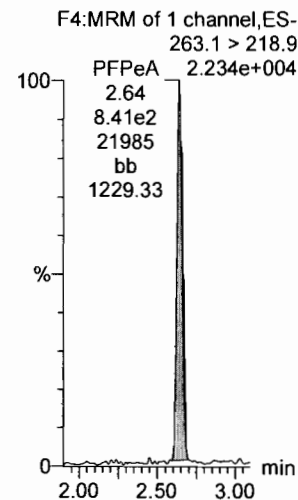
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_2, Date: 17-Mar-2018, Time: 19:57:24, ID: ST180317M1-1 PFC CS0 18C1205, Description: PFC CS0 18C1205

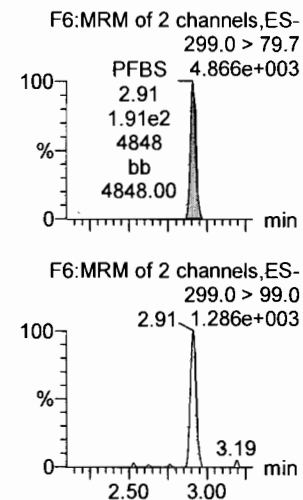
**PFBA**



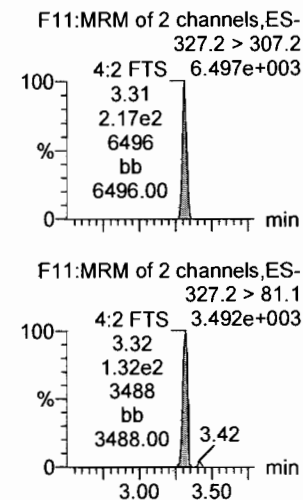
**PFPeA**



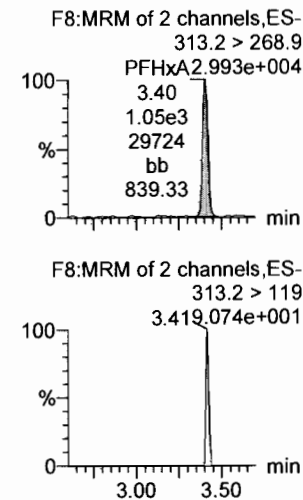
**PFBS**



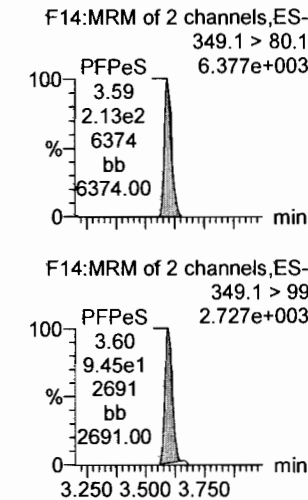
**4:2 FTS**



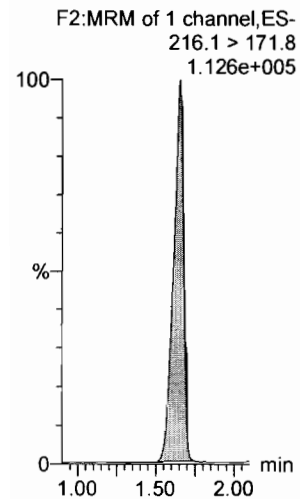
**PFHxA**



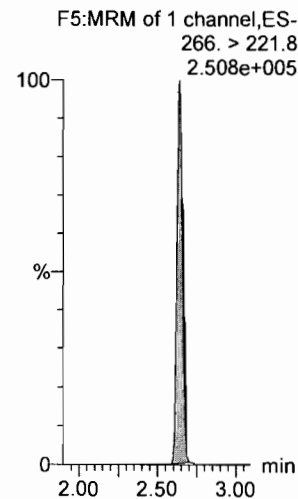
**PFPeS**



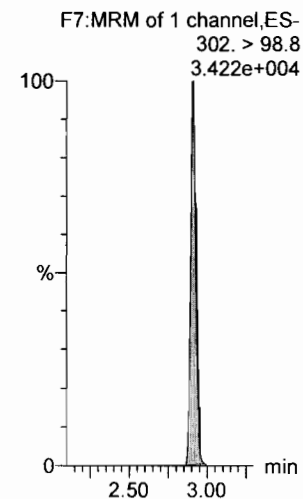
**13C3-PFBA**



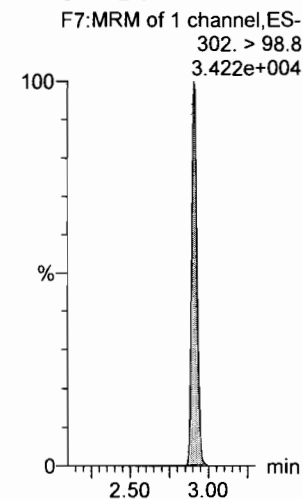
**13C3-PFPeA**



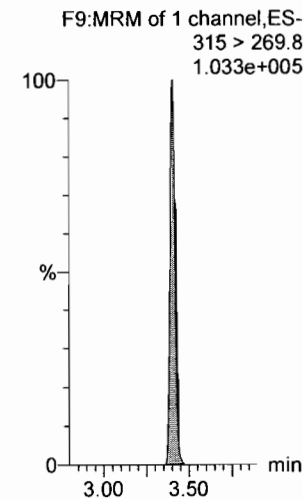
**13C3-PFBS**



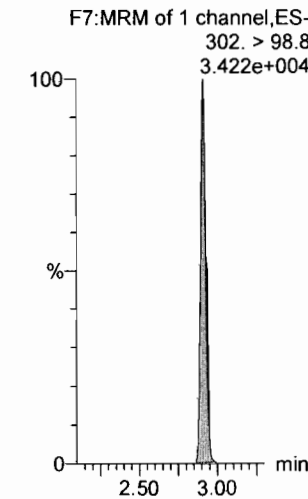
**13C3-PFBS**



**13C2-PFHxA**



**13C3-PFBS**



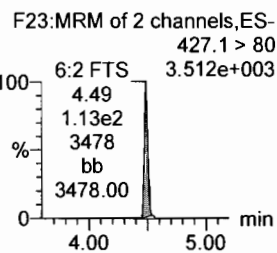
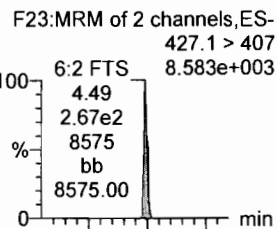
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Last Altered: Monday, March 19, 2018 09:08:03 Pacific Daylight Time

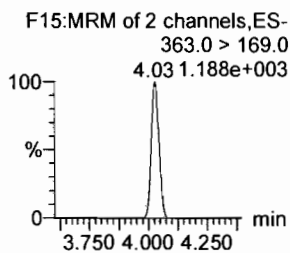
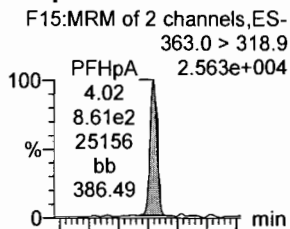
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Name: 180317M1\_2, Date: 17-Mar-2018, Time: 19:57:24, ID: ST180317M1-1 PFC CS0 18C1205, Description: PFC CS0 18C1205

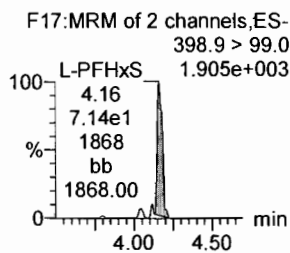
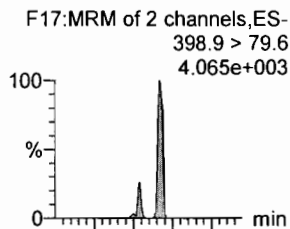
**6:2 FTS**



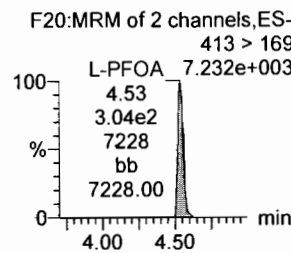
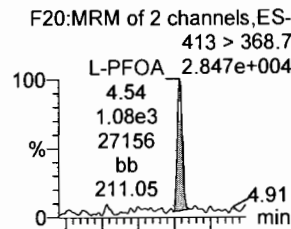
**PFHpA**



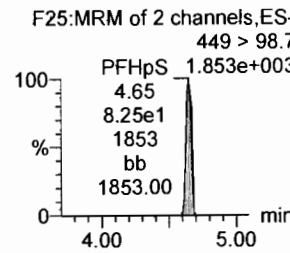
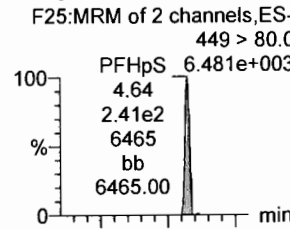
**L-PFHxS**



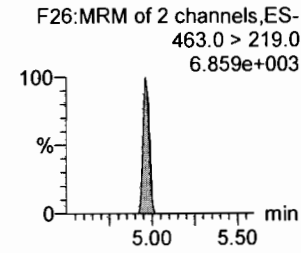
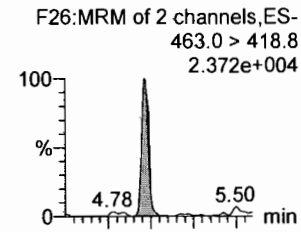
**L-PFOA**



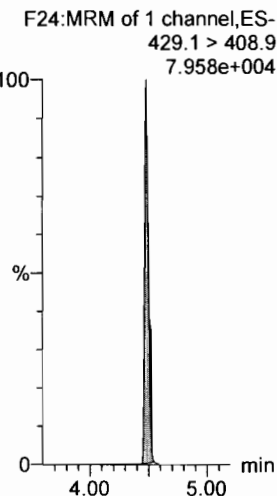
**PFHpS**



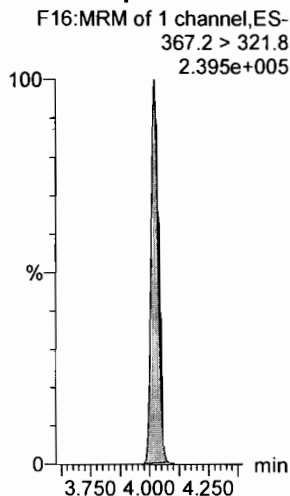
**PFNA**



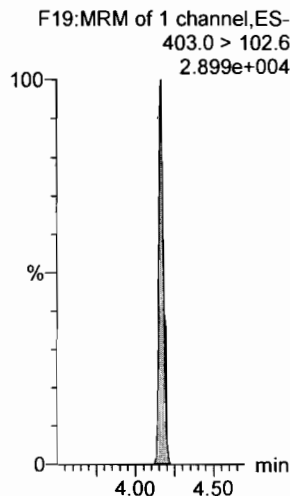
**13C2-6:2 FTS**



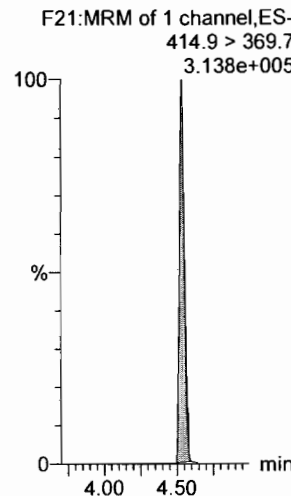
**13C4-PFHpA**



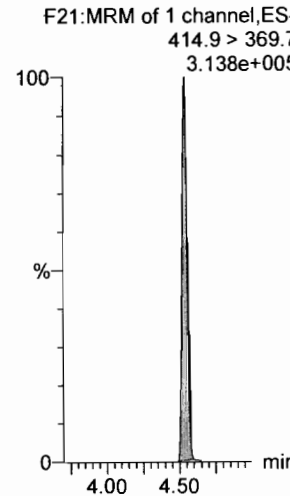
**18O2-PFHxS**



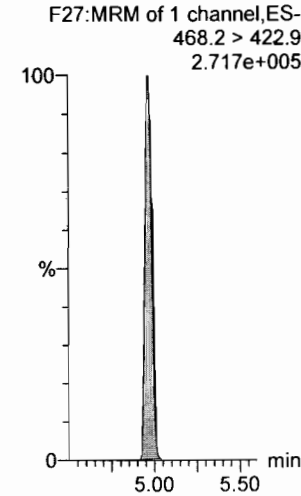
**13C2-PFOA**



**13C2-PFOA**



**13C5-PFNA**



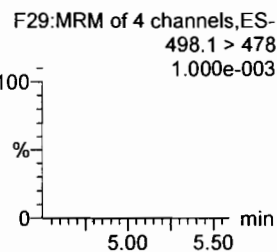
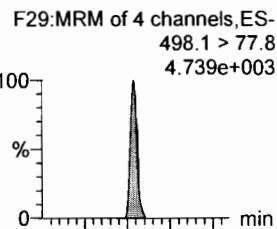
Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-2.qld

Last Altered: Monday, March 19, 2018 09:08:03 Pacific Daylight Time

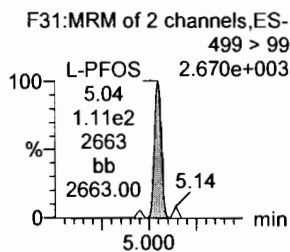
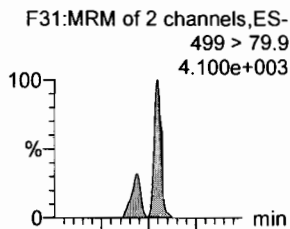
Printed: Monday, March 19, 2018 09:08:35 Pacific Daylight Time

Name: 180317M1\_2, Date: 17-Mar-2018, Time: 19:57:24, ID: ST180317M1-1 PFC CS0 18C1205, Description: PFC CS0 18C1205

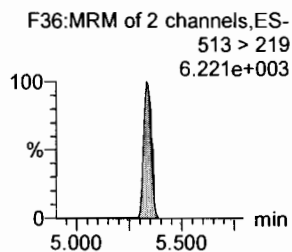
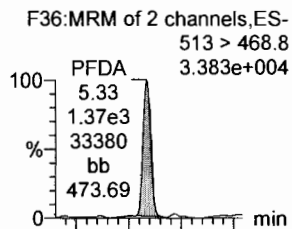
**PFOSA**



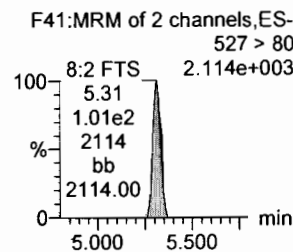
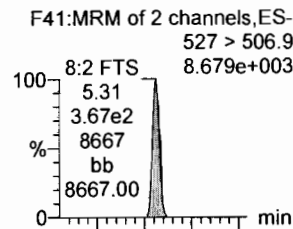
**L-PFOS**



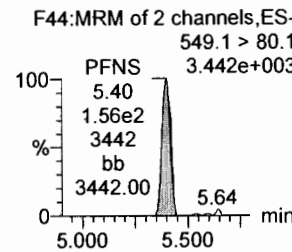
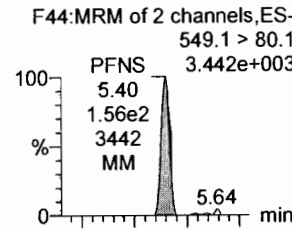
**PFDA**



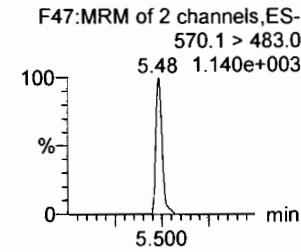
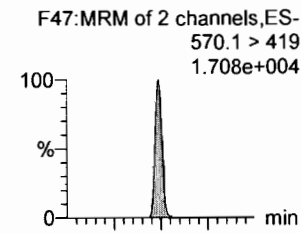
**8:2 FTS**



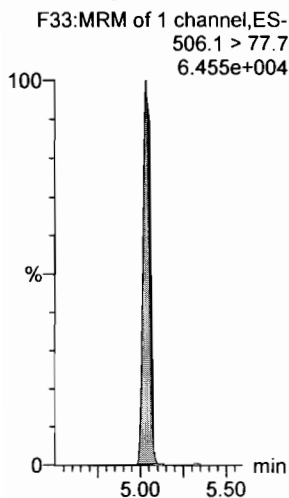
**PFNS**



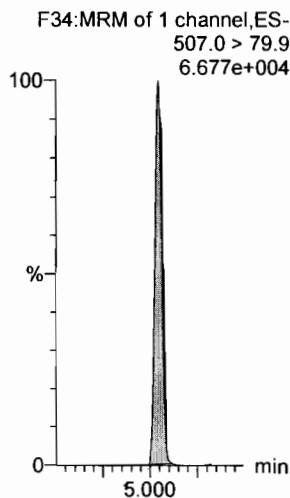
**N-MeFOSAA**



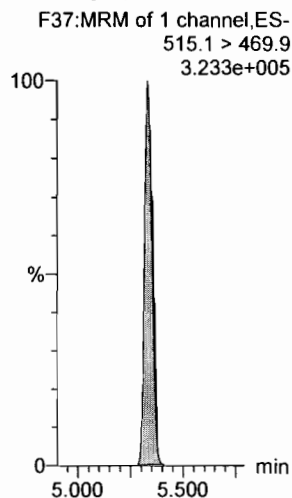
**13C8-PFOSA**



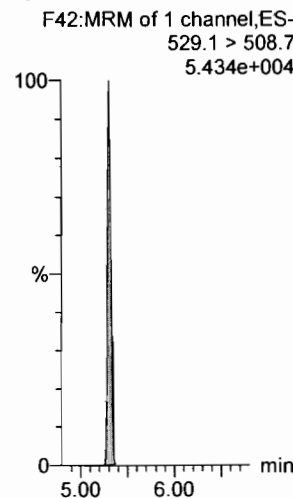
**13C8-PFOS**



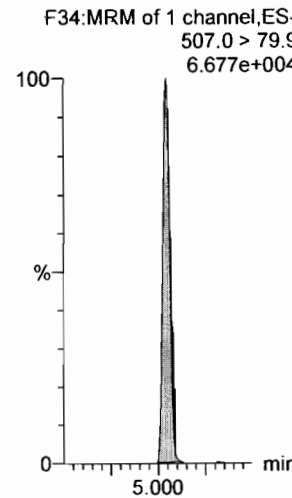
**13C2-PFDA**



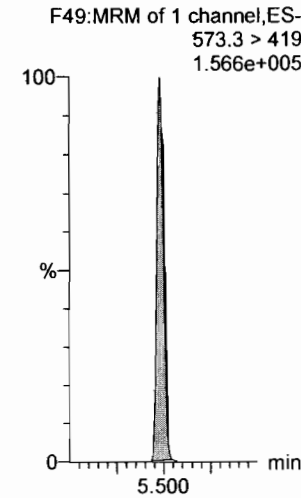
**13C2-8:2 FTS**



**13C8-PFOS**



**d3-N-MeFOSAA**





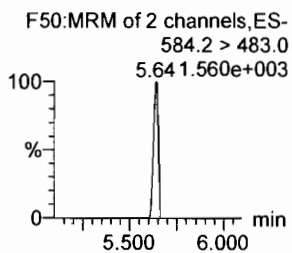
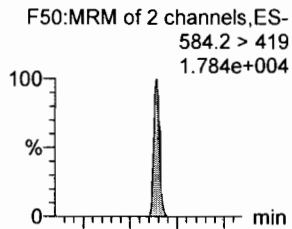
Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-2.qld

Last Altered: Monday, March 19, 2018 09:08:03 Pacific Daylight Time

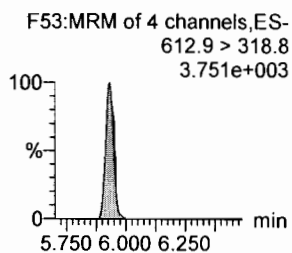
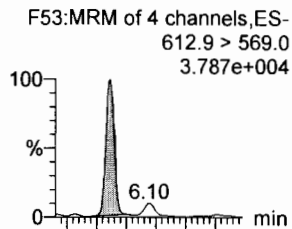
Printed: Monday, March 19, 2018 09:08:35 Pacific Daylight Time

Name: 180317M1\_2, Date: 17-Mar-2018, Time: 19:57:24, ID: ST180317M1-1 PFC CS0 18C1205, Description: PFC CS0 18C1205

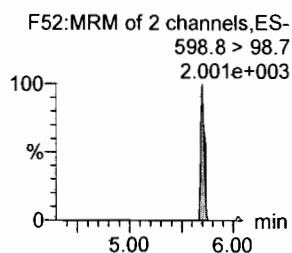
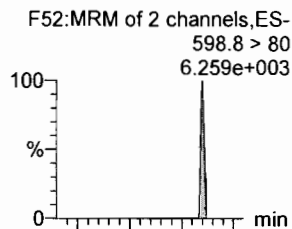
**N-EtFOSAA**



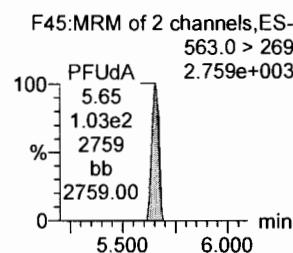
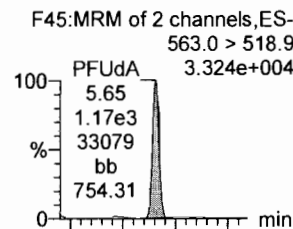
**PFDoA**



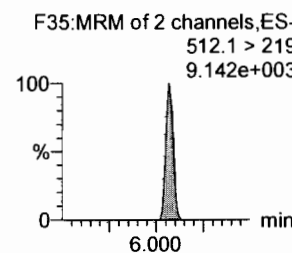
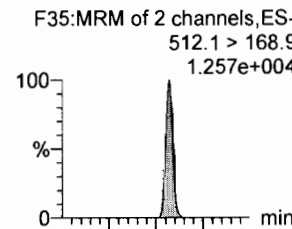
**PFDS**



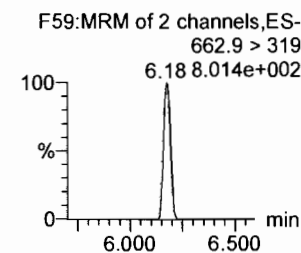
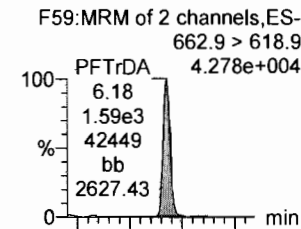
**PFUdA**



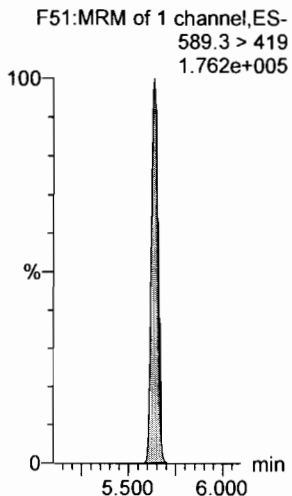
**N-MeFOSA**



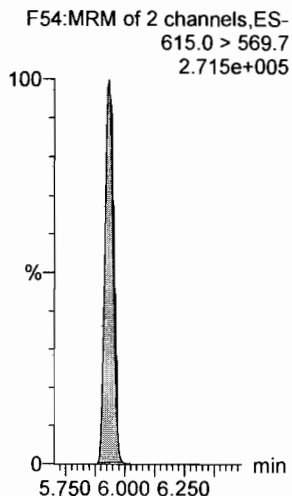
**PFTrDA**



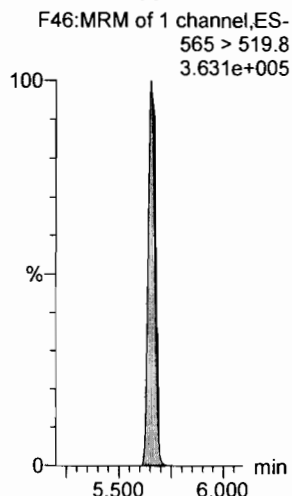
**d5-N-EtFOSAA**



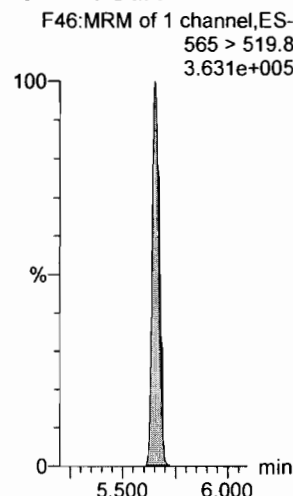
**13C2-PFDoA**



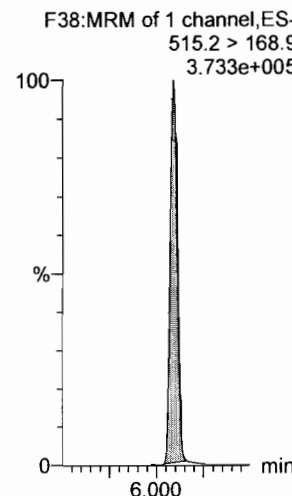
**13C2-PFUdA**



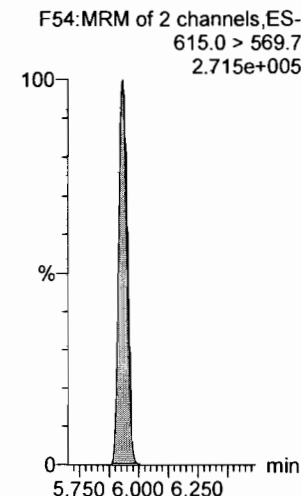
**13C2-PFUdA**



**d3-N-MeFOSA**



**13C2-PFDoA**



Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-2.qld

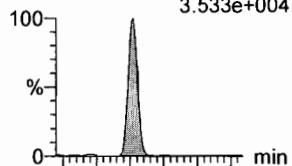
Last Altered: Monday, March 19, 2018 09:08:03 Pacific Daylight Time

Printed: Monday, March 19, 2018 09:08:35 Pacific Daylight Time

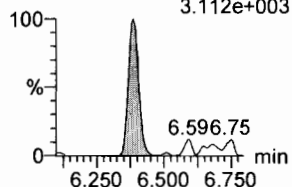
Name: 180317M1\_2, Date: 17-Mar-2018, Time: 19:57:24, ID: ST180317M1-1 PFC CS0 18C1205, Description: PFC CS0 18C1205

**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
3.533e+004

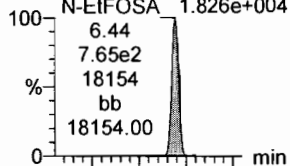


F60:MRM of 2 channels,ES-  
712.9 > 369  
3.112e+003

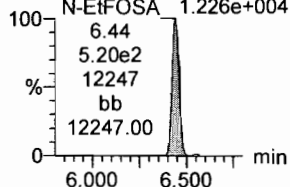


**N-EtFOSA**

F40:MRM of 2 channels,ES-  
526.1 > 168.9  
1.826e+004

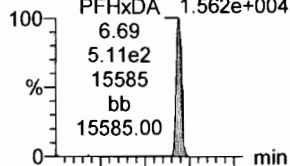


F40:MRM of 2 channels,ES-  
526.1 > 219  
1.226e+004

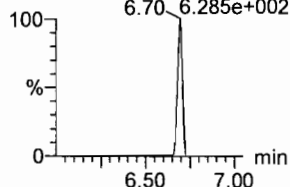


**PFHxDA**

F62:MRM of 2 channels,ES-  
813.1 > 768.6  
1.562e+004

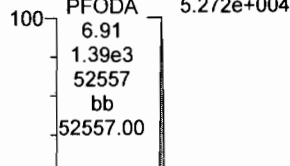


F62:MRM of 2 channels,ES-  
813.1 > 219  
6.70\_6.285e+002

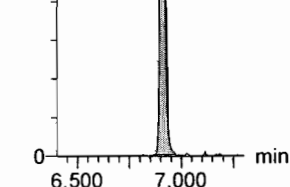


**PFODA**

F64:MRM of 1 channel,ES-  
913.1 > 868.8  
5.272e+004

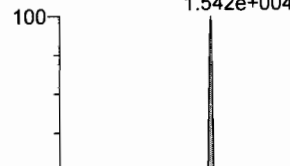


F64:MRM of 1 channel,ES-  
913.1 > 868.8  
5.272e+004

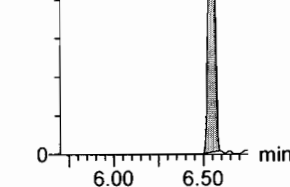


**N-MeFOSE**

F55:MRM of 1 channel,ES-  
616.1 > 58.9  
1.542e+004



F55:MRM of 1 channel,ES-  
616.1 > 58.9  
1.542e+004

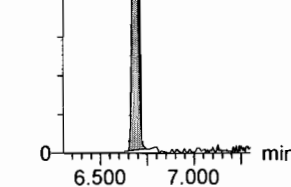


**N-EtFOSE**

F57:MRM of 1 channel,ES-  
630.1 > 58.9  
2.270e+004

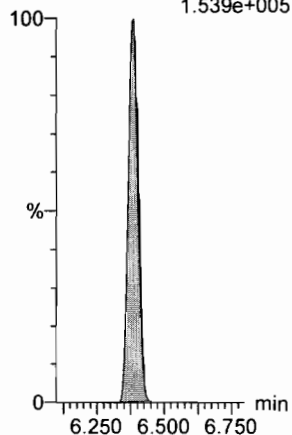


F57:MRM of 1 channel,ES-  
630.1 > 58.9  
2.270e+004



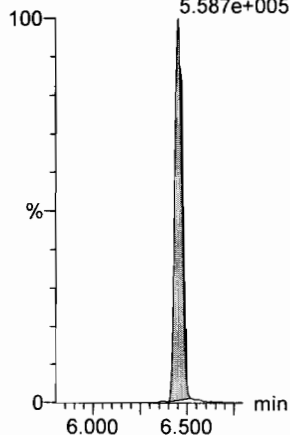
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
1.539e+005



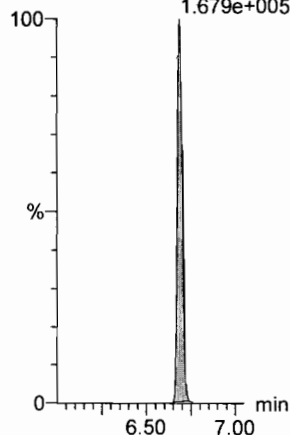
**d5-N-ETFOSA**

F43:MRM of 1 channel,ES-  
531.1 > 168.9  
5.587e+005



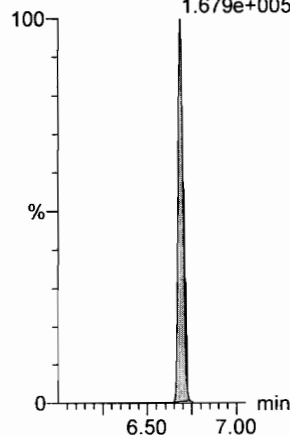
**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
1.679e+005



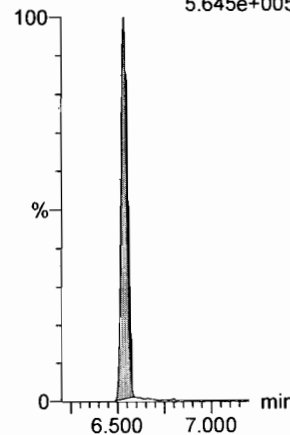
**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
1.679e+005



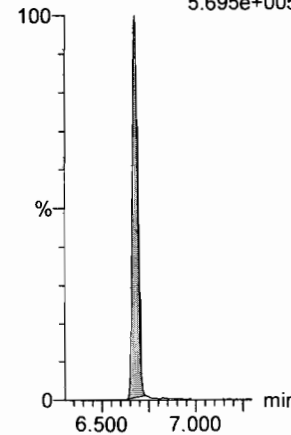
**d7-N-MeFOSE**

F56:MRM of 1 channel,ES-  
623.1 > 58.9  
5.645e+005



**d9-N-EtFOSE**

F58:MRM of 1 channel,ES-  
639.2 > 58.8  
5.695e+005



Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-2.qld

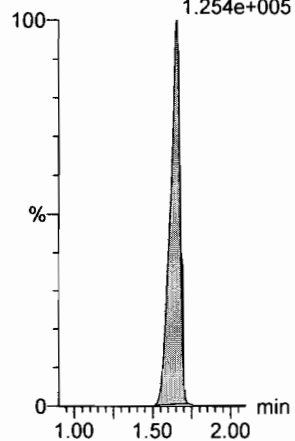
Last Altered: Monday, March 19, 2018 09:08:03 Pacific Daylight Time

Printed: Monday, March 19, 2018 09:08:35 Pacific Daylight Time

Name: 180317M1\_2, Date: 17-Mar-2018, Time: 19:57:24, ID: ST180317M1-1 PFC CS0 18C1205, Description: PFC CS0 18C1205

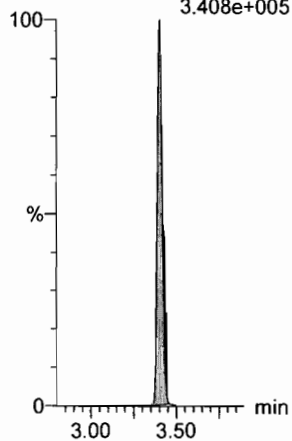
**13C4-PFBA**

F3:MRM of 1 channel,ES-  
217. > 171.8  
1.254e+005



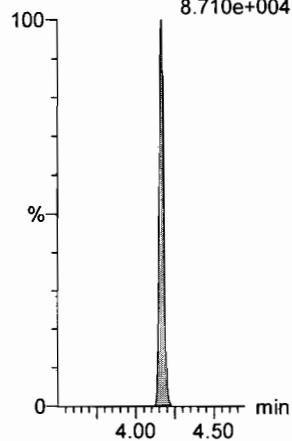
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
3.408e+005



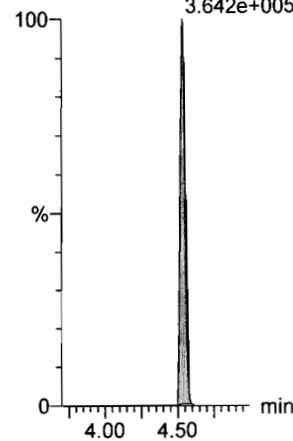
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
8.710e+004



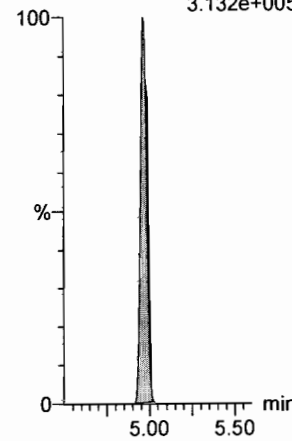
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
3.642e+005



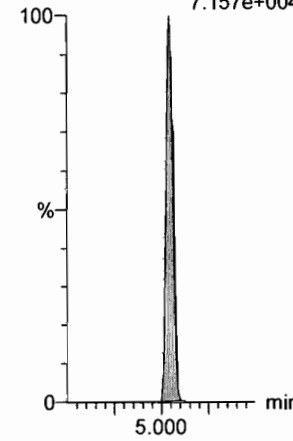
**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
3.132e+005



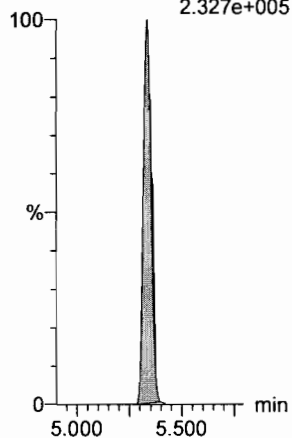
**13C4-PFOS**

F32:MRM of 1 channel,ES-  
503 > 79.9  
7.157e+004



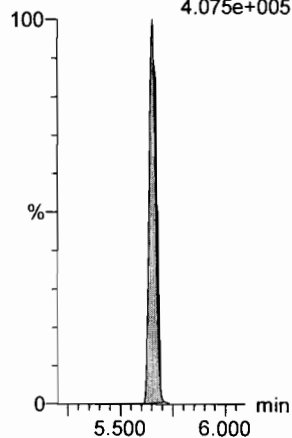
**13C6-PFDA**

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
2.327e+005



**13C7-PFUdA**

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
4.075e+005



Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-26.qld

Last Altered: Monday, March 19, 2018 09:09:26 Pacific Daylight Time

Printed: Monday, March 19, 2018 09:09:34 Pacific Daylight Time

*J.A.*  
*03/19/2018*

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_26, Date: 18-Mar-2018, Time: 00:32:33, ID: ST180317M1-2 PFC CS3 18C1208, Description: PFC CS3 18C1208

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out
1	1 PFBA	213.0 > 168.8	8.87e3	9.31e3		1.86	1.65	11.9	10.5	105.0	NO
2	2 PFPeA	263.1 > 218.9	9.82e3	1.20e4		2.85	2.63	10.2	9.93	99.3	NO
3	3 PFBS	299.0 > 79.7	2.31e3	1.55e3		3.11	2.90	18.6	10.1	101.3	NO
4	4 4:2 FTS	327.2>307.2	2.91e3	1.55e3		3.52	3.30	23.4	10.2	102.5	NO
5	5 PFHxA	313.2 > 268.9	1.30e4	4.04e3		3.62	3.39	16.0	10.6	106.4	NO
6	6 PFPeS	349.1>80.1	2.26e3	1.55e3		3.81	3.59	18.2	10.5	105.4	NO
7	7 PFHpA	363.0 > 318.9	1.00e4	9.90e3		4.25	4.01	12.7	10.2	102.1	NO
8	8 L-PFHxS	398.9 > 79.6	1.75e3	1.10e3		4.18	4.16	19.8	10.6	106.3	NO
9	10 6:2 FTS	427.1 > 407	3.62e3	3.75e3		4.70	4.47	12.0	10.7	106.7	NO
10	11 L-PFOA	413 > 368.7	1.18e4	1.41e4		4.60	4.52	10.4	10.6	106.4	NO
11	13 PFHpS	449 > 80.0	2.59e3	1.41e4		4.85	4.63	2.30	10.8	108.3	NO
12	14 PFNA	463.0 > 418.8	1.46e4	1.62e4		5.18	4.95	11.3	9.80	98.0	NO
13	15 PFOSA	498.1 > 77.8	2.82e3	3.51e3		5.24	5.02	10.1	9.86	98.6	NO
14	16 L-PFOS	499 > 79.9	2.78e3	3.38e3		5.04	5.03	10.3	10.3	103.4	NO
15	18 PFDA	513 > 468.8	1.32e4	1.45e4		5.55	5.32	11.4	9.53	95.3	NO
16	19 8:2 FTS	527 > 506.9	3.75e3	2.81e3		5.53	5.29	16.7	8.98	89.8	NO
17	20 PFNS	549.1>80.1	2.37e3	3.38e3		5.61	5.38	8.78	9.91	99.1	NO
18	21 N-MeFOSAA	570.1 > 419	7.98e3	6.83e3		5.69	5.47	14.6	9.93	99.3	NO
19	22 N-EtFOSAA	584.2 > 419	6.79e3	8.07e3		5.85	5.62	10.5	9.58	95.8	NO
20	23 PFUdA	563.0 > 518.9	1.42e4	1.67e4		5.87	5.64	10.6	9.50	95.0	NO
21	24 PFDS	598.8 > 80	3.09e3	1.67e4		5.91	5.68	2.31	11.3	112.8	NO
22	25 PFDoA	612.9 > 569.0	1.87e4	1.37e4		6.14	5.92	17.0	10.9	109.0	NO
23	26 N-MeFOSA	512.1 > 168.9	6.53e3	1.86e4		6.14	6.06	52.6	58.6	117.3	NO
24	27 PFTrDA	662.9 > 618.9	1.84e4	1.37e4		6.39	6.16	16.8	10.5	104.9	NO
25	28 PFTeDA	712.9 > 668.8	1.44e4	7.16e3		6.56	6.37	25.1	10.1	101.3	NO
26	29 N-EtFOSA	526.1 > 168.9	8.32e3	2.78e4		6.48	6.43	45.0	50.2	100.3	NO
27	30 PFHxDA	813.1 > 768.6	6.06e3	6.68e3		6.85	6.68	4.53	9.66	96.6	NO
28	31 PFOA	913.1 > 868.8	1.74e4	6.68e3		7.06	6.89	13.0	11.7	117.3	NO
29	32 N-MeFOSE	616.1 > 58.9	7.20e3	2.53e4		6.56	6.53	42.7	46.1	92.3	NO
30	33 N-EtFOSE	630.1 > 58.9	8.63e3	2.02e4		6.70	6.67	64.1	56.1	112.3	NO
31	34 13C3-PFBA	216.1 > 171.8	9.31e3	1.04e4	0.878	1.86	1.65	11.2	12.8	102.3	NO

*dm*  
*3/19/18*

Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-26.qld

Last Altered: Monday, March 19, 2018 09:09:26 Pacific Daylight Time

Printed: Monday, March 19, 2018 09:09:34 Pacific Daylight Time

Name: 180317M1\_26, Date: 18-Mar-2018, Time: 00:32:33, ID: ST180317M1-2 PFC CS3 18C1208, Description: PFC CS3 18C1208

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out
32	35 13C3-PFPeA	266. > 221.8	1.20e4	1.32e4	0.844	2.85	2.63	11.4	13.5	108.0	NO
33	36 13C3-PFBS	302. > 98.8	1.55e3	1.32e4	0.103	3.11	2.90	1.47	14.2	113.9	NO
34	37 13C2-PFHxA	315 > 269.8	4.04e3	1.32e4	0.741	3.62	3.39	3.82	5.16	103.2	NO
35	38 13C4-PFHpA	367.2 > 321.8	9.90e3	1.32e4	0.726	4.25	4.01	9.38	12.9	103.4	NO
36	39 18O2-PFHxS	403.0 > 102.6	1.10e3	3.02e3	0.368	4.39	4.16	4.56	12.4	99.2	NO
37	40 13C2-6:2 FTS	429.1 > 408.9	3.75e3	1.36e4	0.265	4.70	4.47	3.46	13.0	104.4	NO
38	41 13C2-PFOA	414.9 > 369.7	1.41e4	1.36e4	0.987	4.76	4.52	13.0	13.2	105.2	NO
39	42 13C5-PFNA	468.2 > 422.9	1.62e4	1.62e4	0.967	5.18	4.95	12.5	12.9	103.2	NO
40	43 13C8-PFOSA	506.1 > 77.7	3.51e3	1.71e4	0.235	5.24	5.02	2.57	10.9	87.3	NO
41	44 13C8-PFOS	507.0 > 79.9	3.38e3	3.01e3	1.040	5.26	5.03	14.0	13.5	108.0	NO
42	45 13C2-PFDA	515.1 > 469.9	1.45e4	1.50e4	1.204	5.55	5.32	12.1	10.0	80.3	NO
43	46 13C2-8:2 FTS	529.1 > 508.7	2.81e3	1.32e4	0.168	5.53	5.30	2.66	15.8	126.6	NO
44	47 d3-N-MeFOSAA	573.3 > 419	6.83e3	1.71e4	0.465	5.69	5.47	4.99	10.7	85.7	NO
45	48 d5-N-EtFOSAA	589.3 > 419	8.07e3	1.71e4	0.510	5.85	5.62	5.89	11.6	92.4	NO
46	49 13C2-PFUdA	565 > 519.8	1.67e4	1.71e4	1.063	5.87	5.64	12.2	11.5	91.9	NO
47	50 13C2-PFDoA	615.0 > 569.7	1.37e4	1.71e4	0.875	6.14	5.92	10.0	11.5	91.8	NO
48	51 d3-N-MeFOSA	515.2 > 168.9	1.86e4	1.71e4	0.114	6.14	6.08	13.6	119	79.4	NO
49	52 13C2-PFTeDA	714.8 > 669.6	7.16e3	1.71e4	0.500	6.56	6.37	5.23	10.5	83.7	NO
50	53 d5-N-ETFOSA	531.1 > 168.9	2.78e4	1.71e4	0.158	6.48	6.44	20.3	128	85.5	NO
51	54 13C2-PFHxDA	815 > 769.7	6.68e3	1.71e4	1.081	6.85	6.67	4.88	4.52	90.3	NO
52	55 d7-N-MeFOSE	623.1 > 58.9	2.53e4	1.71e4	0.138	6.56	6.52	18.5	134	89.3	NO
53	56 d9-N-EtFOSE	639.2 > 58.8	2.02e4	1.71e4	0.127	6.70	6.67	14.7	116	77.4	NO
54	57 13C4-PFBA	217. > 171.8	1.04e4	1.04e4	1.000	1.86	1.65	12.5	12.5	100.0	NO
55	58 13C5-PFHxA	318 > 272.9	1.32e4	1.32e4	1.000	3.62	3.40	12.5	12.5	100.0	NO
56	59 13C3-PFHxS	401.9 > 79.9	3.02e3	3.02e3	1.000	4.39	4.16	12.5	12.5	100.0	NO
57	60 13C8-PFOA	421.3 > 376	1.36e4	1.36e4	1.000	4.76	4.52	12.5	12.5	100.0	NO
58	61 13C9-PFNA	472.2 > 426.9	1.62e4	1.62e4	1.000	5.18	4.95	12.5	12.5	100.0	NO
59	62 13C4-PFOS	503 > 79.9	3.01e3	3.01e3	1.000	5.26	5.03	12.5	12.5	100.0	NO
60	63 13C6-PFDA	519.1 > 473.7	1.50e4	1.50e4	1.000	5.55	5.32	12.5	12.5	100.0	NO
61	64 13C7-PFUdA	570.1 > 524.8	1.71e4	1.71e4	1.000	5.87	5.64	12.5	12.5	100.0	NO

Dataset: Untitled

Last Altered: Monday, March 19, 2018 11:53:35 Pacific Daylight Time

Printed: Monday, March 19, 2018 11:53:42 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07  
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180317M1_1	IPA	17-Mar-18	19:46:00
2	180317M1_2	ST180317M1-1 PFC CS0 18C1205	17-Mar-18	19:57:24
3	180317M1_3	IPA	17-Mar-18	20:08:52
4	180317M1_4	B8C0101-BS1 OPR 0.125	17-Mar-18	20:20:21
5	180317M1_5	B8C0101-BSD1 LCSD 0.125	17-Mar-18	20:31:45
6	180317M1_6	B8C0101-BLK1 Method Blank 0.125	17-Mar-18	20:43:12
7	180317M1_7	1800361-01RE1 WI-A06-EB01-021918 0.11631	17-Mar-18	20:54:42
8	180317M1_8	1800361-02RE1 WI-A06-MW-13-0218 0.12182	17-Mar-18	21:06:08
9	180317M1_9	1800361-03RE1 WI-A06-FB01-022018 0.12192	17-Mar-18	21:17:35
10	180317M1_10	1800361-04RE1 WI-A06-6-DW-38A-0218 0.119...	17-Mar-18	21:29:02
11	180317M1_11	1800361-05RE1 WI-A06-EB01-022018 0.12096	17-Mar-18	21:40:29
12	180317M1_12	1800361-06RE1 WI-A06-6-S-27-0218 0.1213	17-Mar-18	21:51:59
13	180317M1_13	1800361-07RE1 WI-A06-6-S-28-0218 0.12084	17-Mar-18	22:03:20
14	180317M1_14	1800361-08RE1 WI-A06-FB01-022118 0.11778	17-Mar-18	22:14:47
15	180317M1_15	1800361-09RE1 WI-A06-MW-01-0218 0.12063	17-Mar-18	22:26:14
16	180317M1_16	1800361-10RE1 WI-A06-EB01-022118 0.12144	17-Mar-18	22:37:44
17	180317M1_17	1800367-01RE1 WI-A06-EB01-0218 0.12311	17-Mar-18	22:49:13
18	180317M1_18	1800367-02RE1 WI-A06-MW03B-0218 0.11921	17-Mar-18	23:00:39
19	180317M1_19	1800367-03RE1 WI-A06-FB01-022218 0.12396	17-Mar-18	23:12:09
20	180317M1_20	1800367-04RE1 WI-A06-6-S-02-0218 0.11895	17-Mar-18	23:23:38
21	180317M1_21	1800367-05RE1 WI-A06-6-S-05-0218 0.12239	17-Mar-18	23:35:06
22	180317M1_22	1800367-06RE1 WI-A06-6-S-05P-0218 0.12532	17-Mar-18	23:46:35
23	180317M1_23	1800367-07RE1 WI-A06-FB01-022318 0.12195	17-Mar-18	23:58:04
24	180317M1_24	1800367-08RE1 WI-A06-EB01-022318 0.12383	18-Mar-18	00:09:33
25	180317M1_25	IPA	18-Mar-18	00:21:03
26	180317M1_26	ST180317M1-2 PFC CS3 18C1208	18-Mar-18	00:32:33
27	180317M1_27	IPA	18-Mar-18	00:44:02
28	180317M1_28	B8C0038-MS1 Matrix Spike 0.11959	18-Mar-18	00:55:31
29	180317M1_29	B8C0038-MSD1 Matrix Spike Dup 0.11664	18-Mar-18	01:07:01
30	180317M1_30	1800401-01 REEPDW199 0.12233	18-Mar-18	01:18:31
31	180317M1_31	1800401-02 REEPDW200 0.1143	18-Mar-18	01:30:00

Dataset: Untitled

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Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
32	180317M1_32	1800401-04 REEPDW201 0.12157	18-Mar-18	01:41:28
33	180317M1_33	1800401-05 REEPDW202 0.11354	18-Mar-18	01:52:55
34	180317M1_34	1800401-06 REEPDW203 0.12174	18-Mar-18	02:04:25
35	180317M1_35	B8C0039-BS1 OPR 0.125	18-Mar-18	02:15:55
36	180317M1_36	B8C0039-BSD1 LCSD 0.125	18-Mar-18	02:27:24
37	180317M1_37	B8C0039-BLK1 Method Blank 0.125	18-Mar-18	02:38:53
38	180317M1_38	1800408-01 REEPDW204 0.12248	18-Mar-18	02:50:22
39	180317M1_39	1800408-02 REEPDW205 0.11747	18-Mar-18	03:01:52
40	180317M1_40	1800408-03 REEPDW206 0.11944	18-Mar-18	03:13:20
41	180317M1_41	1800408-04 REEPDW207 0.12065	18-Mar-18	03:24:49
42	180317M1_42	IPA	18-Mar-18	03:36:16
43	180317M1_43	ST180317M1-3 PFC CS3 18C1208	18-Mar-18	03:47:46
44	180317M1_44	IPA	18-Mar-18	03:59:14
45	180317M1_45	1800408-05 REEPDW208 0.119	18-Mar-18	04:10:44
46	180317M1_46	1800408-06 REEPDW209 0.11966	18-Mar-18	04:22:11
47	180317M1_47	1800409-01 REEPDW204FRB 0.11974	18-Mar-18	04:33:40
48	180317M1_48	1800409-02 REEPDW205FRB 0.12225	18-Mar-18	04:45:10
49	180317M1_49	1800409-03 REEPDW206FRB 0.11609	18-Mar-18	04:56:39
50	180317M1_50	1800409-04 REEPDW207FRB 0.1193	18-Mar-18	05:08:09
51	180317M1_51	B8C0043-BS1 OPR 0.125	18-Mar-18	05:19:38
52	180317M1_52	B8C0043-BSD1 LCSD 0.125	18-Mar-18	05:31:05
53	180317M1_53	B8C0043-BLK1 Method Blank 0.125	18-Mar-18	05:42:35
54	180317M1_54	1800409-05RE1 REEPDW208FRB 0.11783	18-Mar-18	05:54:04
55	180317M1_55	1800409-06RE1 REEPDW209FRB 0.1172	18-Mar-18	06:05:34
56	180317M1_56	IPA	18-Mar-18	06:17:01
57	180317M1_57	<del>ST180317M1-4</del> PFC CS3 18C1208	18-Mar-18	06:28:30
58	180317M1_58	IPA	18-Mar-18	06:40:00

ST180317M1-4  
 AD 3/19/18

Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-26.qld

Last Altered: Monday, March 19, 2018 09:09:26 Pacific Daylight Time

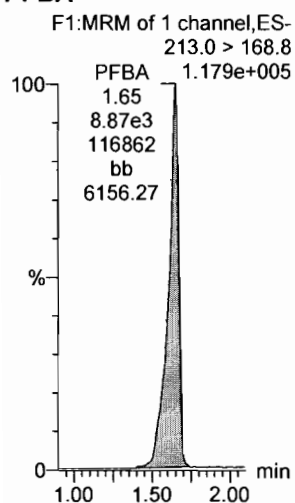
Printed: Monday, March 19, 2018 09:09:34 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031518.mdb 17 Mar 2018 17:36:07

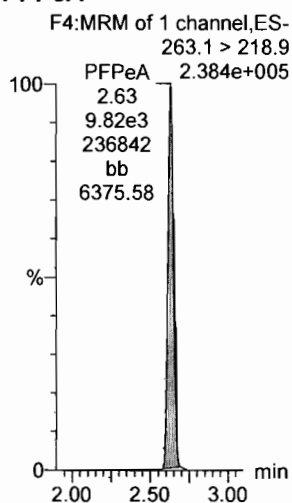
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180317M1\_26, Date: 18-Mar-2018, Time: 00:32:33, ID: ST180317M1-2 PFC CS3 18C1208, Description: PFC CS3 18C1208

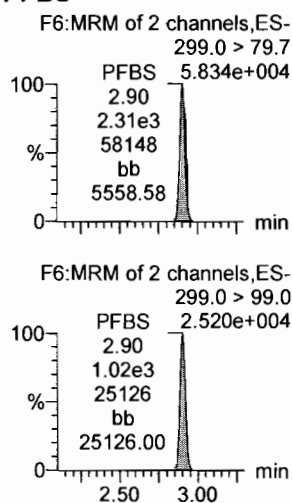
**PFBA**



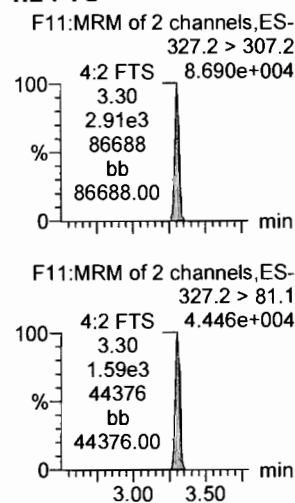
**PFPeA**



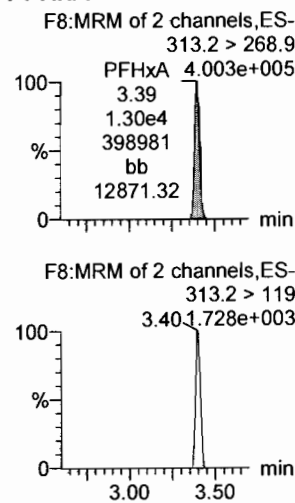
**PFBS**



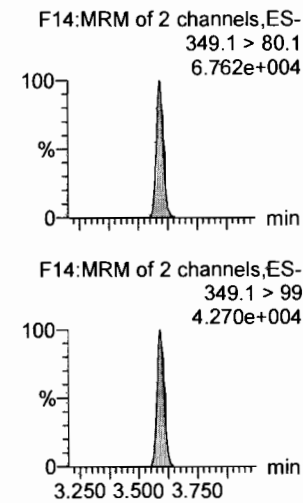
**4:2 FTS**



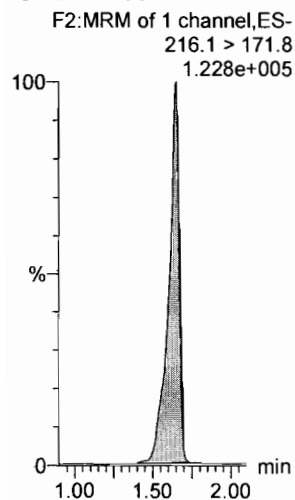
**PFHxA**



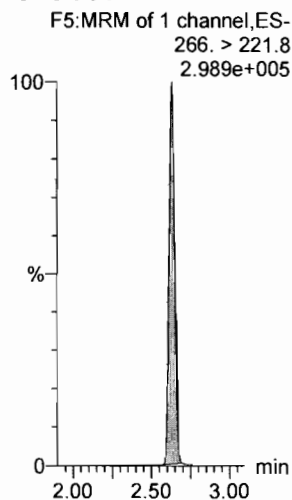
**PFPeS**



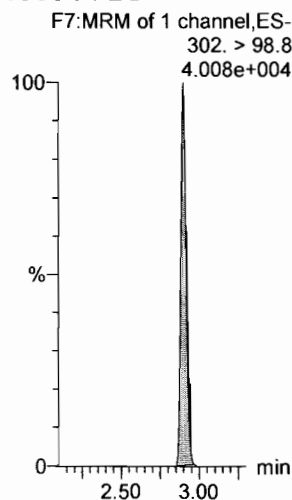
**13C3-PFBA**



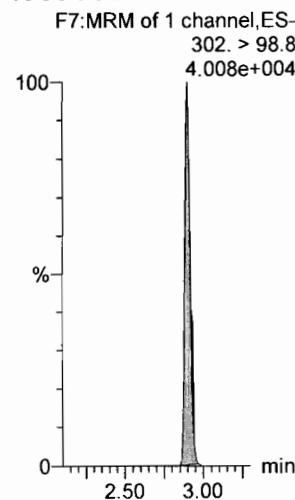
**13C3-PFPeA**



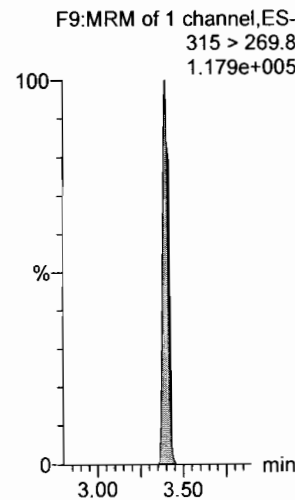
**13C3-PFBS**



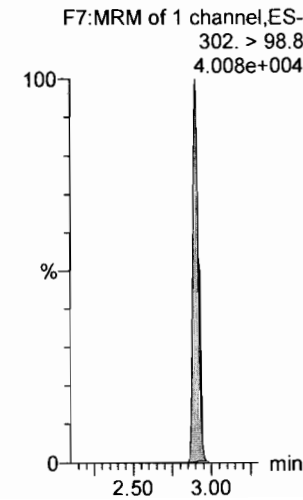
**13C3-PFBS**



**13C2-PFHxA**



**13C3-PFBS**





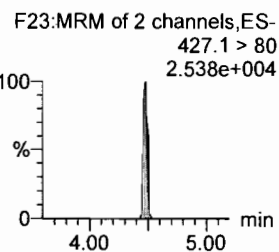
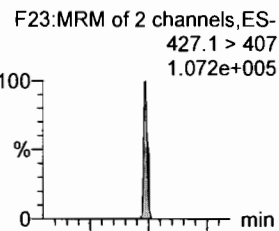
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Last Altered: Monday, March 19, 2018 09:09:26 Pacific Daylight Time

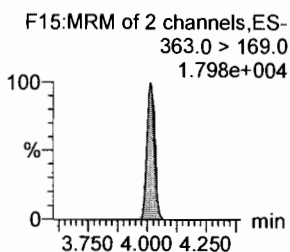
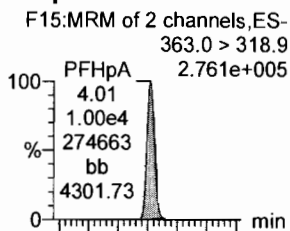
Printed: Monday, March 19, 2018 09:09:34 Pacific Daylight Time

Name: 180317M1\_26, Date: 18-Mar-2018, Time: 00:32:33, ID: ST180317M1-2 PFC CS3 18C1208, Description: PFC CS3 18C1208

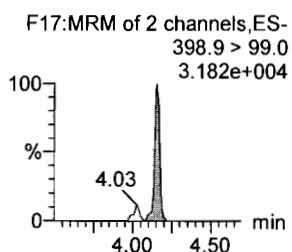
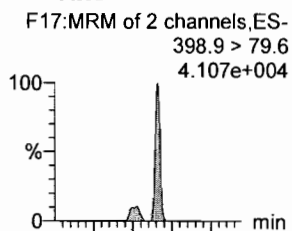
6:2 FTS



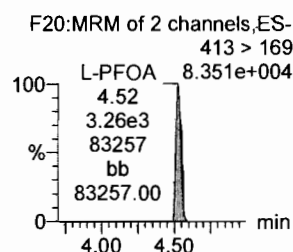
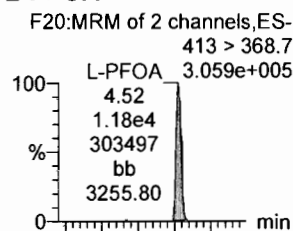
PFHpA



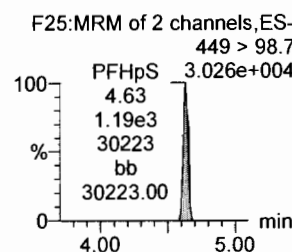
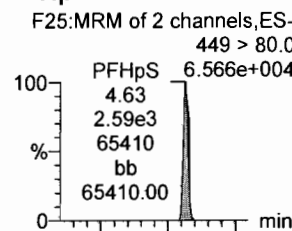
L-PFHxS



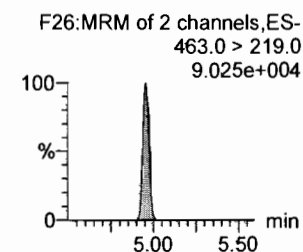
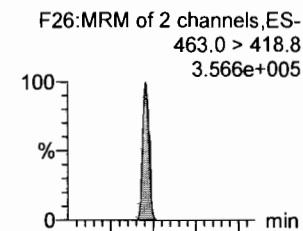
L-PFOA



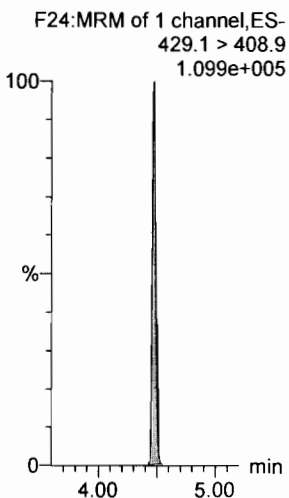
PFHpS



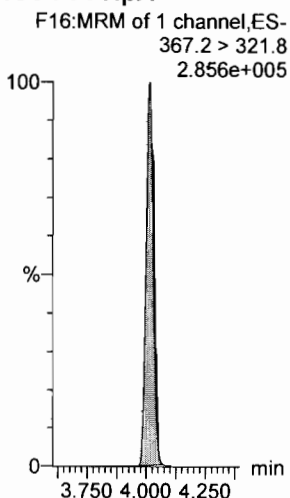
PFNA



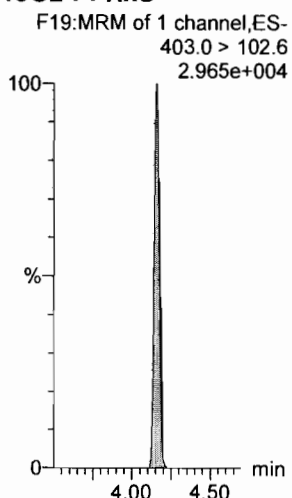
13C2-6:2 FTS



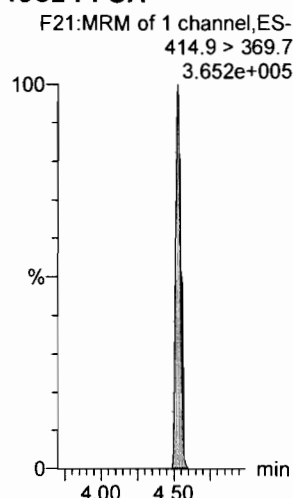
13C4-PFHpA



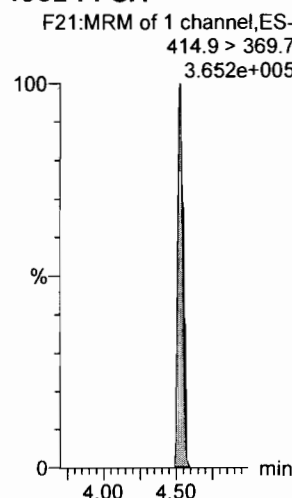
18O2-PFHxS



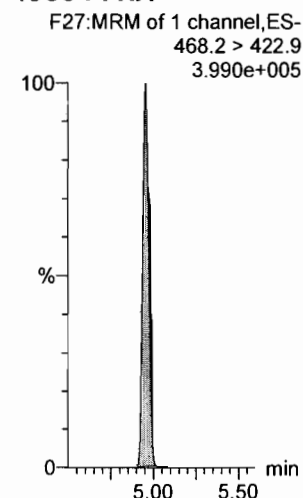
13C2-PFOA



13C2-PFOA



13C5-PFNA



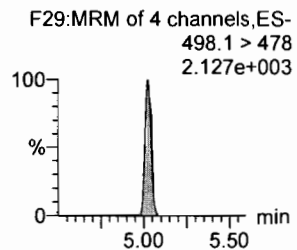
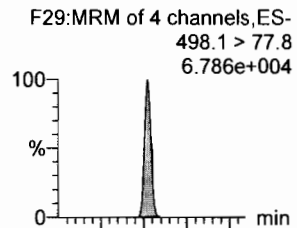
Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-26.qld

Last Altered: Monday, March 19, 2018 09:09:26 Pacific Daylight Time

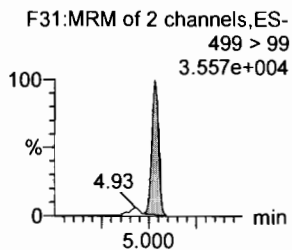
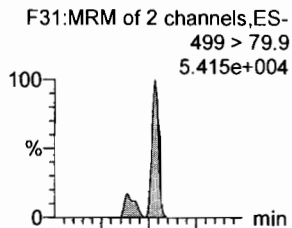
Printed: Monday, March 19, 2018 09:09:34 Pacific Daylight Time

Name: 180317M1\_26, Date: 18-Mar-2018, Time: 00:32:33, ID: ST180317M1-2 PFC CS3 18C1208, Description: PFC CS3 18C1208

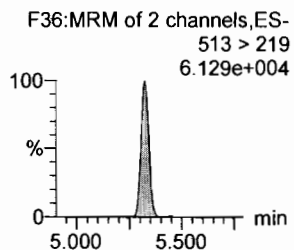
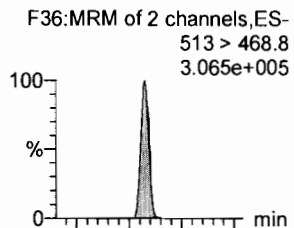
**PFOSA**



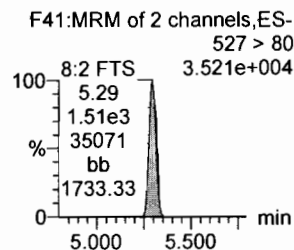
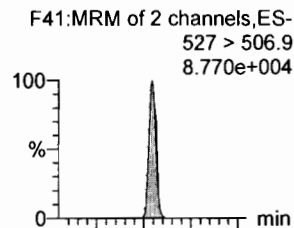
**L-PFOS**



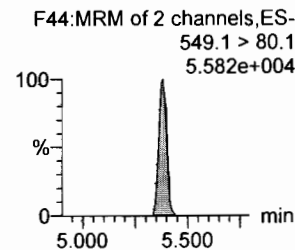
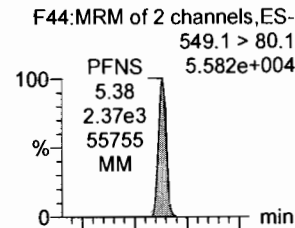
**PFDA**



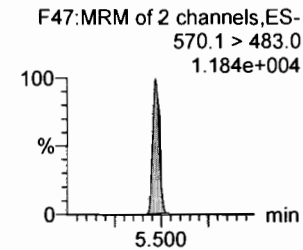
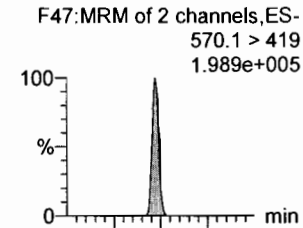
**8:2 FTS**



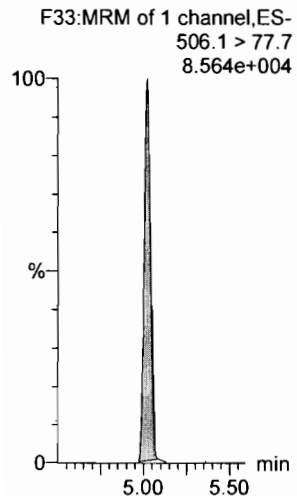
**PFNS**



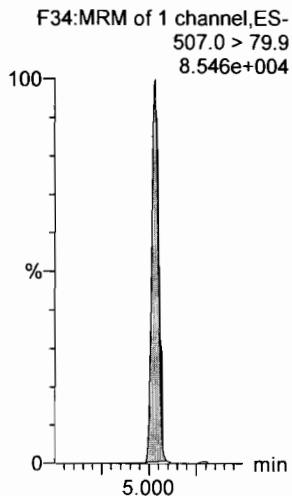
**N-MeFOSAA**



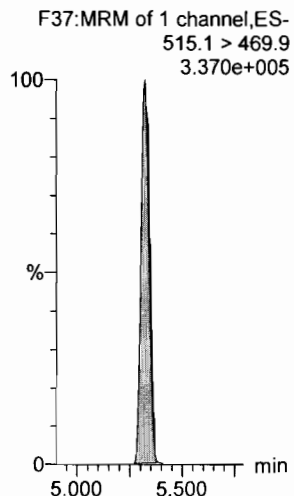
**13C8-PFOSA**



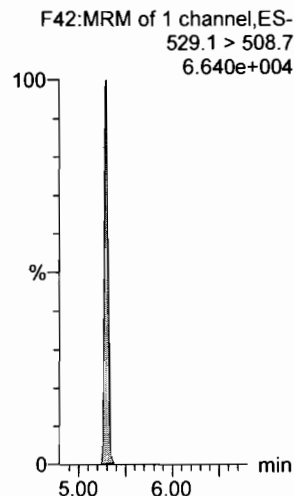
**13C8-PFOS**



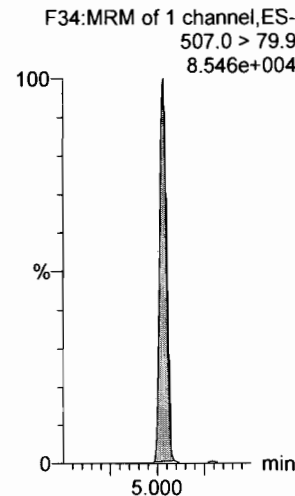
**13C2-PFDA**



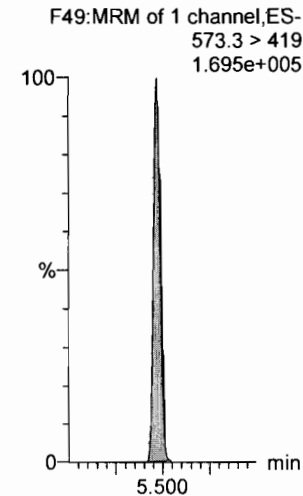
**13C2-8:2 FTS**



**13C8-PFOS**



**d3-N-MeFOSAA**



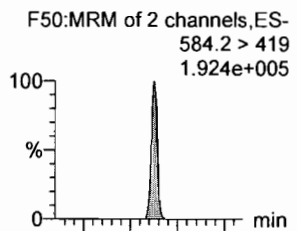
Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-26.qld

Last Altered: Monday, March 19, 2018 09:09:26 Pacific Daylight Time

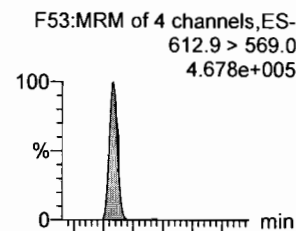
Printed: Monday, March 19, 2018 09:09:34 Pacific Daylight Time

Name: 180317M1\_26, Date: 18-Mar-2018, Time: 00:32:33, ID: ST180317M1-2 PFC CS3 18C1208, Description: PFC CS3 18C1208

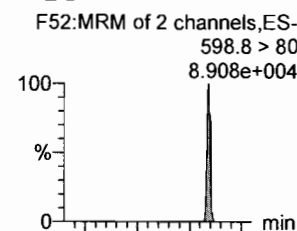
**N-EtFOSAA**



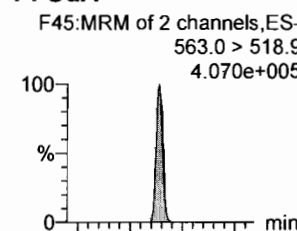
**PFDoA**



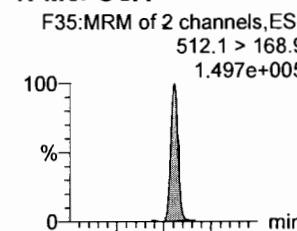
**PFDS**



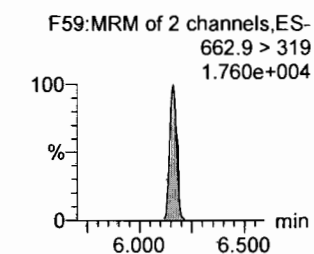
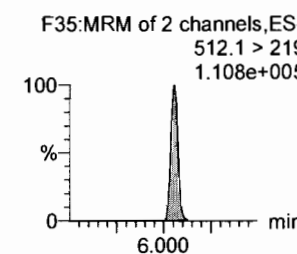
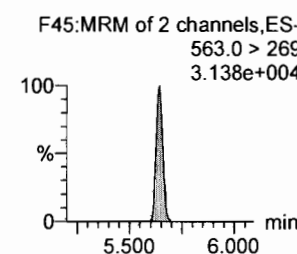
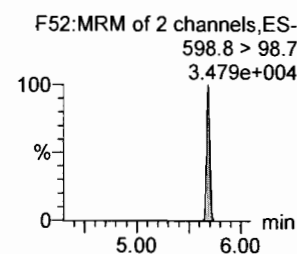
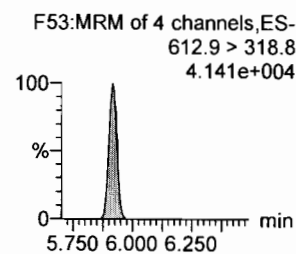
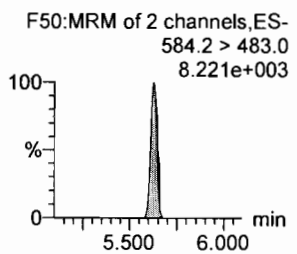
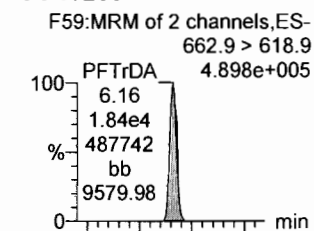
**PFUdA**



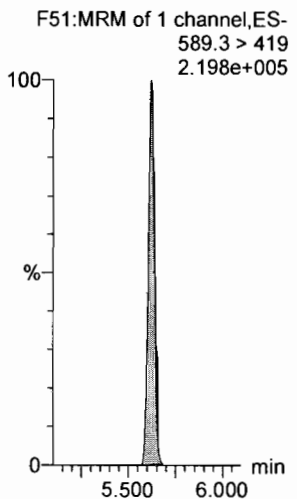
**N-MeFOSA**



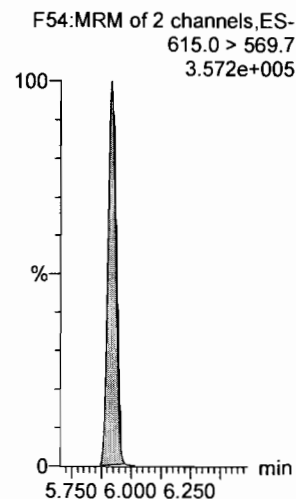
**PFTrDA**



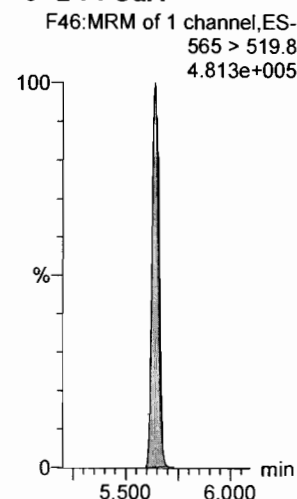
**d5-N-EtFOSAA**



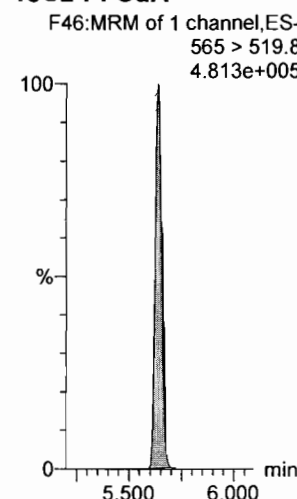
**13C2-PFDoA**



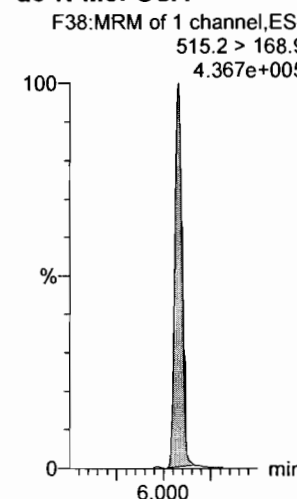
**13C2-PFUdA**



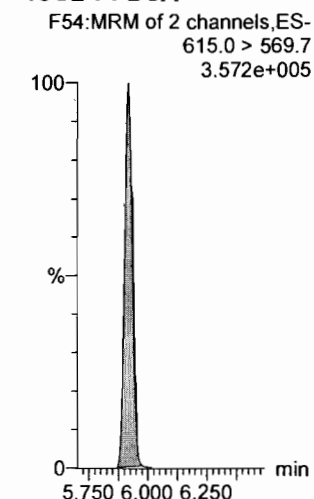
**13C2-PFUdA**



**d3-N-MeFOSA**



**13C2-PFDoA**



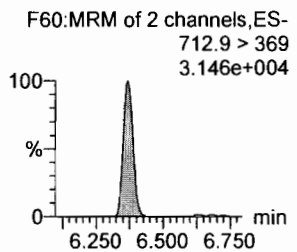
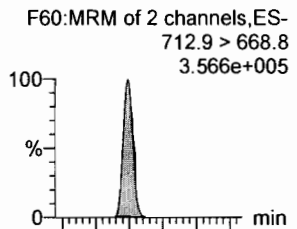
Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-26.qld

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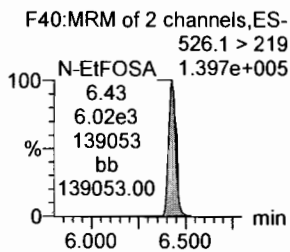
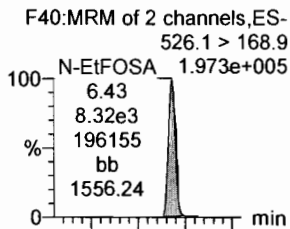
Printed: Monday, March 19, 2018 09:09:34 Pacific Daylight Time

Name: 180317M1\_26, Date: 18-Mar-2018, Time: 00:32:33, ID: ST180317M1-2 PFC CS3 18C1208, Description: PFC CS3 18C1208

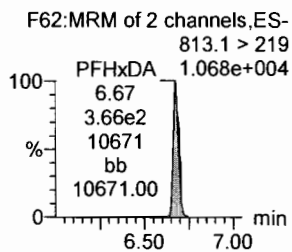
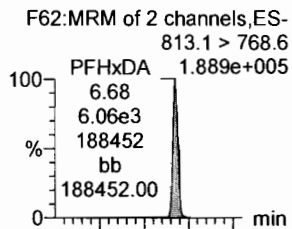
**PFTeDA**



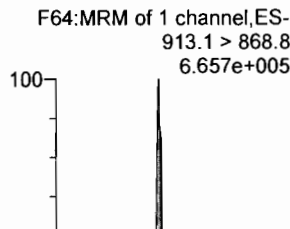
**N-EtFOSA**



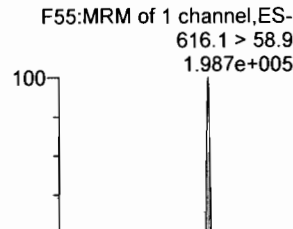
**PFHxDA**



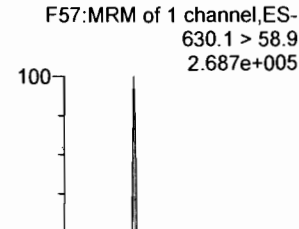
**PFODA**



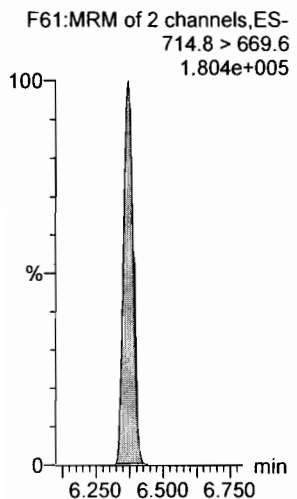
**N-MeFOSE**



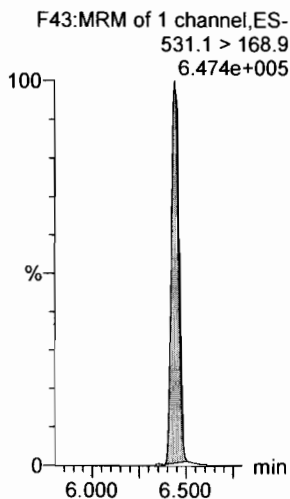
**N-EtFOSE**



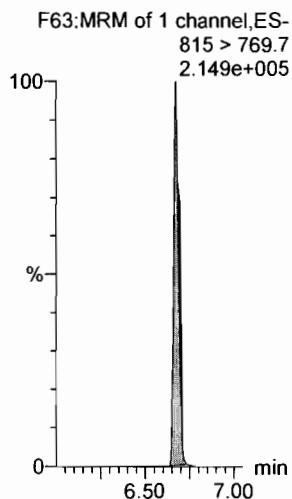
**13C2-PFTeDA**



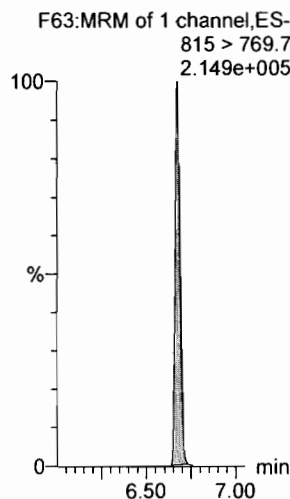
**d5-N-ETFOSA**



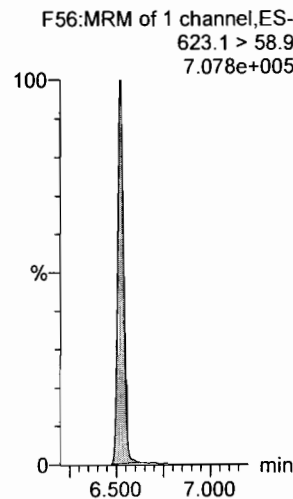
**13C2-PFHxDA**



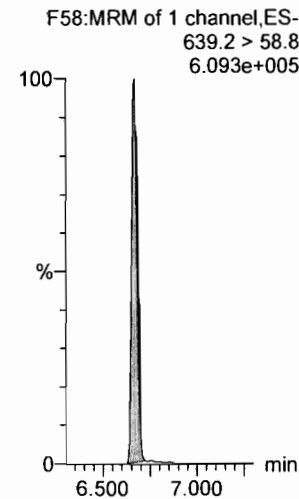
**13C2-PFHxDA**



**d7-N-MeFOSE**



**d9-N-EtFOSE**

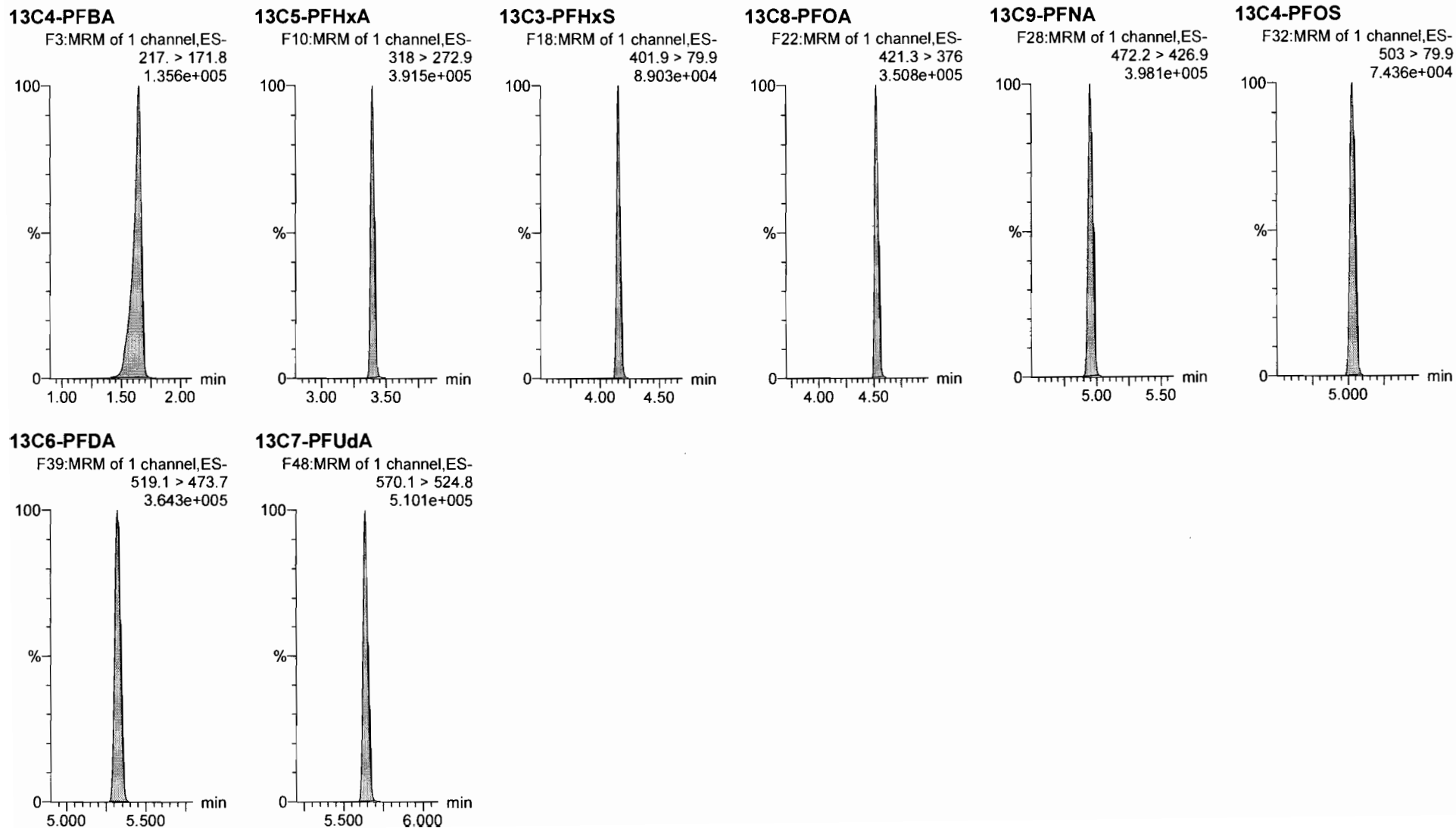


Dataset: F:\Projects\PFAS.PRO\Results\180317M1\180317M1-26.qld

Last Altered: Monday, March 19, 2018 09:09:26 Pacific Daylight Time

Printed: Monday, March 19, 2018 09:09:34 Pacific Daylight Time

Name: 180317M1\_26, Date: 18-Mar-2018, Time: 00:32:33, ID: ST180317M1-2 PFC CS3 18C1208, Description: PFC CS3 18C1208



**INITIAL CALIBRATION (ICAL)**  
**INCLUDING ASSOCIATED**  
**INITIAL CALIBRATION VERIFICATION (ICV) AND INSTRUMENT BLANK (IB)**

Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:46:54 Pacific Standard Time

*PFDA not used.*

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 08 Mar 2018 15:11:54

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 10:23:40

*DM 3/9/18*  
*✓ PF 3/7/18*

**Compound name: PFBA**

Correlation coefficient:  $r = 0.999050$ ,  $r^2 = 0.998102$

Calibration curve:  $1.15862 * x + -0.0583481$

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 180307M2_2	Standard	0.250	1.46	153.482	7807.841	0.246	0.3	5.0	NO	0.998	NO	MM
2	2 180307M2_3	Standard	0.500	1.44	320.774	7414.112	0.541	0.5	3.4	NO	0.998	NO	bb
3	3 180307M2_4	Standard	1.000	1.45	653.257	8304.409	0.983	0.9	-10.1	NO	0.998	NO	MM
4	4 180307M2_5	Standard	2.000	1.45	1365.104	7664.970	2.226	2.0	-1.4	NO	0.998	NO	bb
5	5 180307M2_6	Standard	5.000	1.45	3270.035	7200.527	5.677	4.9	-1.0	NO	0.998	NO	bb
6	6 180307M2_7	Standard	10.000	1.45	6663.628	7915.193	10.523	9.1	-8.7	NO	0.998	NO	MM
7	7 180307M2_8	Standard	50.000	1.45	36217.512	7971.371	56.793	49.1	-1.9	NO	0.998	NO	MM
8	8 180307M2_9	Standard	100.000	1.45	67887.633	7636.464	111.124	96.0	-4.0	NO	0.998	NO	bb
9	9 180307M2_10	Standard	250.000	1.45	162915.047	7427.438	274.178	236.7	-5.3	NO	0.998	NO	MM
10	10 180307M2_11	Standard	500.000	1.45	350326.000	7278.908	601.612	519.3	3.9	NO	0.998	NO	MM

**Compound name: PFPeA**

Correlation coefficient:  $r = 0.999689$ ,  $r^2 = 0.999379$

Calibration curve:  $0.949226 * x + 0.00601281$

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 180307M2_2	Standard	0.250	2.41	382.231	20634.395	0.232	0.2	-5.0	NO	0.999	NO	MM
2	2 180307M2_3	Standard	0.500	2.41	796.238	20691.186	0.481	0.5	0.1	NO	0.999	NO	bb
3	3 180307M2_4	Standard	1.000	2.41	1585.520	21043.783	0.942	1.0	-1.4	NO	0.999	NO	MM
4	4 180307M2_5	Standard	2.000	2.41	3088.000	20444.408	1.888	2.0	-0.9	NO	0.999	NO	bb
5	5 180307M2_6	Standard	5.000	2.41	7985.286	21410.930	4.662	4.9	-1.9	NO	0.999	NO	bb
6	6 180307M2_7	Standard	10.000	2.41	16987.922	20580.490	10.318	10.9	8.6	NO	0.999	NO	bb
7	7 180307M2_8	Standard	50.000	2.41	81027.648	22342.971	45.332	47.8	-4.5	NO	0.999	NO	bb
8	8 180307M2_9	Standard	100.000	2.41	161671.688	20090.730	100.588	106.0	6.0	NO	0.999	NO	bb
9	9 180307M2_10	Standard	250.000	2.41	352916.063	18646.551	236.583	249.2	-0.3	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:46:54 Pacific Standard Time

**Compound name: PFPeA**

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
10	10 180307M2_11	Standard	500.000	2.41	696251.125	18472.662	471.136	496.3	-0.7	NO	0.999	NO	bb

**Compound name: PFBS**

Coefficient of Determination: R<sup>2</sup> = 0.998340

Calibration curve: 0.000332361 \* x<sup>2</sup> + 1.79088 \* x + 0.0363158

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 180307M2_2	Standard	0.250	2.68	74.390	2416.641	0.385	0.2	-22.2	NO	0.998	NO	bb
2	2 180307M2_3	Standard	0.500	2.69	174.241	2475.857	0.880	0.5	-5.8	NO	0.998	NO	bb
3	3 180307M2_4	Standard	1.000	2.69	387.221	2466.994	1.962	1.1	7.5	NO	0.998	NO	bb
4	4 180307M2_5	Standard	2.000	2.69	769.500	2291.045	4.198	2.3	16.2	NO	0.998	NO	bb
5	5 180307M2_6	Standard	5.000	2.68	1666.187	2410.681	8.640	4.8	-4.0	NO	0.998	NO	bb
6	6 180307M2_7	Standard	10.000	2.69	3500.393	2311.856	18.926	10.5	5.3	NO	0.998	NO	bb
7	7 180307M2_8	Standard	50.000	2.68	17269.848	2411.228	89.528	49.5	-1.0	NO	0.998	NO	bb
8	8 180307M2_9	Standard	100.000	2.69	36322.867	2294.602	197.871	108.3	8.3	NO	0.998	NO	bb
9	9 180307M2_10	Standard	250.000	2.68	79041.445	2229.408	443.175	237.0	-5.2	NO	0.998	NO	bb
10	10 180307M2_11	Standard	500.000	2.69	153450.375	1940.977	988.229	504.5	0.9	NO	0.998	NO	bb

**Compound name: 4:2 FTS**

Coefficient of Determination: R<sup>2</sup> = 0.998654

Calibration curve: 0.000169778 \* x<sup>2</sup> + 1.98606 \* x + 0.254005

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 180307M2_2	Standard	0.250	3.08	137.565	2416.641	0.712	0.2	-7.9	NO	0.999	NO	bb
2	2 180307M2_3	Standard	0.500	3.09	197.958	2475.857	0.999	0.4	-24.9	NO	0.999	NO	bb
3	3 180307M2_4	Standard	1.000	3.09	462.671	2466.994	2.344	1.1	5.2	NO	0.999	NO	bb
4	4 180307M2_5	Standard	2.000	3.09	780.792	2291.045	4.260	2.0	0.8	NO	0.999	NO	bb
5	5 180307M2_6	Standard	5.000	3.09	1977.320	2410.681	10.253	5.0	0.6	NO	0.999	NO	bb
6	6 180307M2_7	Standard	10.000	3.09	4575.080	2311.856	24.737	12.3	23.1	NO	0.999	NO	bb
7	7 180307M2_8	Standard	50.000	3.09	20183.125	2411.228	104.631	52.3	4.6	NO	0.999	NO	bb



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**Compound name: 4:2 FTS**

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
8	8 180307M2_9	Standard	100.000	3.09	37462.328	2294.602	204.079	101.7	1.7	NO	0.999	NO	bb
9	9 180307M2_10	Standard	250.000	3.09	86415.953	2229.408	484.523	239.0	-4.4	NO	0.999	NO	bb
10	10 180307M2_11	Standard	500.000	3.09	162404.781	1940.977	1045.896	504.7	0.9	NO	0.999	NO	bb

**Compound name: PFHxA**

Coefficient of Determination: R<sup>2</sup> = 0.999678

Calibration curve:  $-5.371e-005 * x^2 + 1.37685 * x + 0.0265598$

Response type: Internal Std ( Ref 37 ), 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 180307M2_2	Standard	0.250	3.18	465.007	7376.902	0.315	0.2	-16.2	NO	1.000	NO	bb
2	2 180307M2_3	Standard	0.500	3.18	979.916	6698.330	0.731	0.5	2.4	NO	1.000	NO	bb
3	3 180307M2_4	Standard	1.000	3.18	2193.954	7161.120	1.532	1.1	9.3	NO	1.000	NO	bb
4	4 180307M2_5	Standard	2.000	3.18	3557.375	6706.463	2.652	1.9	-4.6	NO	1.000	NO	bb
5	5 180307M2_6	Standard	5.000	3.18	9496.483	6381.543	7.441	5.4	7.7	NO	1.000	NO	bb
6	6 180307M2_7	Standard	10.000	3.18	20713.029	7008.061	14.778	10.7	7.2	NO	1.000	NO	bb
7	7 180307M2_8	Standard	50.000	3.18	103129.102	7240.950	71.212	51.8	3.6	NO	1.000	NO	bb
8	8 180307M2_9	Standard	100.000	3.18	198002.891	7226.828	136.992	99.9	-0.1	NO	1.000	NO	bb
9	9 180307M2_10	Standard	250.000	3.18	435363.500	6521.240	333.804	244.8	-2.1	NO	1.000	NO	bb
10	10 180307M2_11	Standard	500.000	3.18	834309.875	6149.745	678.329	502.5	0.5	NO	1.000	NO	bb

**Compound name: PFPeS**

Correlation coefficient: r = 0.996891, r<sup>2</sup> = 0.993791

Calibration curve:  $1.65905 * x + 0.220064$

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 180307M2_2	Standard	0.250	3.39	70.662	2416.641	0.365	0.1	-64.9	YES	0.994	NO	bbX
2	2 180307M2_3	Standard	0.500	3.38	177.525	2475.857	0.896	0.4	-18.5	NO	0.994	NO	bb
3	3 180307M2_4	Standard	1.000	3.38	390.627	2466.994	1.979	1.1	6.0	NO	0.994	NO	bb
4	4 180307M2_5	Standard	2.000	3.38	689.542	2291.045	3.762	2.1	6.8	NO	0.994	NO	bb
5	5 180307M2_6	Standard	5.000	3.38	1611.461	2410.681	8.356	4.9	-1.9	NO	0.994	NO	bb

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**Compound name: PFPeS**

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
6	6 180307M2_7	Standard	10.000	3.38	3415.495	2311.856	18.467	11.0	10.0	NO	0.994	NO	bb
7	7 180307M2_8	Standard	50.000	3.38	15999.102	2411.228	82.941	49.9	-0.3	NO	0.994	NO	bb
8	8 180307M2_9	Standard	100.000	3.38	32151.402	2294.602	175.147	105.4	5.4	NO	0.994	NO	bb
9	9 180307M2_10	Standard	250.000	3.38	64742.656	2229.408	363.004	218.7	-12.5	NO	0.994	NO	bb
10	10 180307M2_11	Standard	500.000	3.38	135288.859	1940.977	871.268	525.0	5.0	NO	0.994	NO	bb

**Compound name: PFHpA**

Correlation coefficient:  $r = 0.999854$ ,  $r^2 = 0.999708$

Calibration curve:  $1.2779 * x + 0.00645768$

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 180307M2_2	Standard	0.250	3.79	469.150	17492.340	0.335	0.3	2.9	NO	1.000	NO	MM
2	2 180307M2_3	Standard	0.500	3.79	955.492	16998.473	0.703	0.5	9.0	NO	1.000	NO	bb
3	3 180307M2_4	Standard	1.000	3.80	1836.612	17894.396	1.283	1.0	-0.1	NO	1.000	NO	bb
4	4 180307M2_5	Standard	2.000	3.79	3308.885	18118.047	2.283	1.8	-10.9	NO	1.000	NO	bb
5	5 180307M2_6	Standard	5.000	3.79	8726.122	16941.070	6.439	5.0	0.7	NO	1.000	NO	bb
6	6 180307M2_7	Standard	10.000	3.79	17915.816	17030.949	13.149	10.3	2.8	NO	1.000	NO	bb
7	7 180307M2_8	Standard	50.000	3.79	89456.797	18417.037	60.716	47.5	-5.0	NO	1.000	NO	bb
8	8 180307M2_9	Standard	100.000	3.79	173579.969	17145.188	126.552	99.0	-1.0	NO	1.000	NO	bb
9	9 180307M2_10	Standard	250.000	3.79	398527.500	15301.759	325.557	254.8	1.9	NO	1.000	NO	bb
10	10 180307M2_11	Standard	500.000	3.80	764511.313	14999.320	637.122	498.6	-0.3	NO	1.000	NO	bb

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**Compound name: L-PFHxS**

Coefficient of Determination:  $R^2 = 0.996322$

Calibration curve:  $-0.000158898 * x^2 + 1.79614 * x + -0.018227$

Response type: Internal Std ( Ref 39 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180307M2_2	Standard	0.250	3.94	53.312	1996.003	0.334	0.2	-21.6	NO	0.996	NO	MM
2	2 180307M2_3	Standard	0.500	3.95	143.419	1907.617	0.940	0.5	6.7	NO	0.996	NO	MM
3	3 180307M2_4	Standard	1.000	3.94	270.257	1853.461	1.823	1.0	2.5	NO	0.996	NO	MM
4	4 180307M2_5	Standard	2.000	3.94	563.394	1783.400	3.949	2.2	10.5	NO	0.996	NO	MM
5	5 180307M2_6	Standard	5.000	3.94	1317.642	2000.399	8.234	4.6	-8.1	NO	0.996	NO	MM
6	6 180307M2_7	Standard	10.000	3.95	2753.385	1716.965	20.045	11.2	11.8	NO	0.996	NO	MM
7	7 180307M2_8	Standard	50.000	3.95	13867.801	2160.945	80.218	44.8	-10.3	NO	0.996	NO	MM
8	8 180307M2_9	Standard	100.000	3.94	27802.480	1728.024	201.115	113.1	13.1	NO	0.996	NO	MM
9	9 180307M2_10	Standard	250.000	3.94	59346.875	1786.932	415.145	236.1	-5.6	NO	0.996	NO	MM
10	10 180307M2_11	Standard	500.000	3.95	117486.258	1694.728	866.557	505.0	1.0	NO	0.996	NO	MM

**Compound name: 6:2 FTS**

Coefficient of Determination:  $R^2 = 0.994141$

Calibration curve:  $-0.0042186 * x^2 + 1.06359 * x + -0.0620198$

Response type: Internal Std ( Ref 40 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180307M2_2	Standard	0.250	4.26	87.432	5025.898	0.217	0.3	5.2	NO	0.994	NO	bb
2	2 180307M2_3	Standard	0.500	4.26	176.104	4584.872	0.480	0.5	2.2	NO	0.994	NO	bb
3	3 180307M2_4	Standard	1.000	4.26	400.530	5541.772	0.903	0.9	-8.9	NO	0.994	NO	bb
4	4 180307M2_5	Standard	2.000	4.26	866.982	5296.680	2.046	2.0	-0.1	NO	0.994	NO	bb
5	5 180307M2_6	Standard	5.000	4.26	1695.451	5365.863	3.950	3.8	-23.4	NO	0.994	NO	bb
6	6 180307M2_7	Standard	10.000	4.26	4357.667	5579.147	9.763	9.6	-4.0	NO	0.994	NO	bb
7	7 180307M2_8	Standard	50.000	4.26	22219.455	6078.586	45.692	55.0	10.1	NO	0.994	NO	bb
8	8 180307M2_9	Standard	100.000	4.26	34958.660	6975.006	62.650	94.0	-6.0	NO	0.994	NO	bb
9	9 180307M2_10	Standard	250.000	4.26	82969.336	9418.064	110.120			NO	0.994	YES	bbXI
10	10 180307M2_11	Standard	500.000	4.26	158455.766	13110.937	151.072			NO	0.994	NO	bbXI

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**Compound name: L-PFOA**

Coefficient of Determination:  $R^2 = 0.996532$

Calibration curve:  $-0.000351037 * x^2 + 1.0477 * x + 0.0245039$

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 180307M2_2	Standard	0.250	4.32	685.060	23817.580	0.360	0.3	27.9	NO	0.997	NO	bb
2	2 180307M2_3	Standard	0.500	4.32	1102.458	24820.223	0.555	0.5	1.3	NO	0.997	NO	bb
3	3 180307M2_4	Standard	1.000	4.32	2240.829	25316.568	1.106	1.0	3.3	NO	0.997	NO	bb
4	4 180307M2_5	Standard	2.000	4.32	3566.938	24412.830	1.826	1.7	-14.0	NO	0.997	NO	bb
5	5 180307M2_6	Standard	5.000	4.32	10161.500	25723.428	4.938	4.7	-6.1	NO	0.997	NO	bb
6	6 180307M2_7	Standard	10.000	4.32	20456.301	25034.715	10.214	9.8	-2.4	NO	0.997	NO	bb
7	7 180307M2_8	Standard	50.000	4.32	96074.656	26587.549	45.169	43.7	-12.5	NO	0.997	NO	bb
8	8 180307M2_9	Standard	100.000	4.32	193567.781	24872.721	97.279	95.9	-4.1	NO	0.997	NO	bb
9	9 180307M2_10	Standard	250.000	4.32	453819.031	21873.455	259.343	272.4	8.9	NO	0.997	NO	bb
10	10 180307M2_11	Standard	500.000	4.32	715125.438	20890.893	427.893	488.3	-2.3	NO	0.997	NO	bb

**Compound name: PFHpS**

Coefficient of Determination:  $R^2 = 0.999570$

Calibration curve:  $9.09295e-006 * x^2 + 0.173194 * x + 0.0304659$

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 180307M2_2	Standard	0.250	4.43	141.431	23817.580	0.074	0.3	1.1	NO	1.000	NO	bb
2	2 180307M2_3	Standard	0.500	4.43	234.970	24820.223	0.118	0.5	1.5	NO	1.000	NO	bb
3	3 180307M2_4	Standard	1.000	4.43	380.249	25316.568	0.188	0.9	-9.2	NO	1.000	NO	bb
4	4 180307M2_5	Standard	2.000	4.42	760.379	24412.830	0.389	2.1	3.6	NO	1.000	NO	bb
5	5 180307M2_6	Standard	5.000	4.43	1677.384	25723.428	0.815	4.5	-9.4	NO	1.000	NO	bb
6	6 180307M2_7	Standard	10.000	4.43	3843.884	25034.715	1.919	10.9	9.0	NO	1.000	NO	bb
7	7 180307M2_8	Standard	50.000	4.43	19597.199	26587.549	9.214	52.9	5.8	NO	1.000	NO	bb
8	8 180307M2_9	Standard	100.000	4.43	34391.781	24872.721	17.284	99.1	-0.9	NO	1.000	NO	bb
9	9 180307M2_10	Standard	250.000	4.43	75431.055	21873.455	43.107	245.6	-1.8	NO	1.000	NO	bb
10	10 180307M2_11	Standard	500.000	4.43	149202.828	20890.893	89.275	502.1	0.4	NO	1.000	NO	bb

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**Compound name: PFNA**

Coefficient of Determination:  $R^2 = 0.998996$

Calibration curve:  $-0.000139312 * x^2 + 1.22999 * x + -0.0892813$

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 180307M2_2	Standard	0.250	4.75	480.978	21978.621	0.274	0.3	18.0	NO	0.999	NO	bb
2	2 180307M2_3	Standard	0.500	4.75	786.264	20783.010	0.473	0.5	-8.6	NO	0.999	NO	bb
3	3 180307M2_4	Standard	1.000	4.75	2238.470	25160.045	1.112	1.0	-2.3	NO	0.999	NO	bb
4	4 180307M2_5	Standard	2.000	4.75	4321.575	22508.479	2.400	2.0	1.2	NO	0.999	NO	bb
5	5 180307M2_6	Standard	5.000	4.75	10495.297	23889.010	5.492	4.5	-9.2	NO	0.999	NO	bb
6	6 180307M2_7	Standard	10.000	4.75	23370.314	24031.678	12.156	10.0	-0.3	NO	0.999	NO	bb
7	7 180307M2_8	Standard	50.000	4.75	103345.820	21916.197	58.944	48.3	-3.5	NO	0.999	NO	bb
8	8 180307M2_9	Standard	100.000	4.75	223372.547	21439.992	130.231	107.3	7.3	NO	0.999	NO	bb
9	9 180307M2_10	Standard	250.000	4.75	485935.250	20962.578	289.764	242.3	-3.1	NO	0.999	NO	bb
10	10 180307M2_11	Standard	500.000	4.76	876297.750	18787.787	583.024	502.7	0.5	NO	0.999	NO	bb

**Compound name: PFOSA**

Correlation coefficient:  $r = 0.999261$ ,  $r^2 = 0.998522$

Calibration curve:  $1.01507 * x + 0.0132123$

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 180307M2_2	Standard	0.250	4.83	76.994	4735.893	0.203	0.2	-25.1	NO	0.999	NO	bb
2	2 180307M2_3	Standard	0.500	4.83	230.231	4672.019	0.616	0.6	18.8	NO	0.999	NO	bb
3	3 180307M2_4	Standard	1.000	4.83	372.613	4833.539	0.964	0.9	-6.4	NO	0.999	NO	bb
4	4 180307M2_5	Standard	2.000	4.83	754.666	4460.536	2.115	2.1	3.5	NO	0.999	NO	bb
5	5 180307M2_6	Standard	5.000	4.83	1711.898	4638.693	4.613	4.5	-9.4	NO	0.999	NO	bb
6	6 180307M2_7	Standard	10.000	4.83	3922.237	4281.274	11.452	11.3	12.7	NO	0.999	NO	bb
7	7 180307M2_8	Standard	50.000	4.83	18209.525	4500.254	50.579	49.8	-0.4	NO	0.999	NO	bb
8	8 180307M2_9	Standard	100.000	4.83	34783.547	4046.905	107.439	105.8	5.8	NO	0.999	NO	bb
9	9 180307M2_10	Standard	250.000	4.83	78714.211	3747.587	262.550	258.6	3.5	NO	0.999	NO	bb
10	10 180307M2_11	Standard	500.000	4.83	143940.141	3655.545	492.198	484.9	-3.0	NO	0.999	NO	bb

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**Compound name: L-PFOS**

Coefficient of Determination:  $R^2 = 0.997227$

Calibration curve:  $0.000347971 * x^2 + 1.05328 * x + -0.185023$

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 180307M2_2	Standard	0.250	4.84	89.595	4404.642	0.254	0.4	66.8	YES	0.997	NO	MMX
2	2 180307M2_3	Standard	0.500	4.84	132.758	5341.444	0.311	0.5	-5.9	NO	0.997	NO	MM
3	3 180307M2_4	Standard	1.000	4.84	437.165	4711.445	1.160	1.3	27.6	NO	0.997	NO	MM
4	4 180307M2_5	Standard	2.000	4.84	762.860	4906.320	1.944	2.0	1.0	NO	0.997	NO	MM
5	5 180307M2_6	Standard	5.000	4.84	1988.738	5186.075	4.793	4.7	-5.6	NO	0.997	NO	MM
6	6 180307M2_7	Standard	10.000	4.84	4169.256	5533.300	9.419	9.1	-9.1	NO	0.997	NO	MM
7	7 180307M2_8	Standard	50.000	4.84	19908.838	4949.934	50.276	47.2	-5.7	NO	0.997	NO	MM
8	8 180307M2_9	Standard	100.000	4.84	40511.344	5105.404	99.187	91.6	-8.4	NO	0.997	NO	MM
9	9 180307M2_10	Standard	250.000	4.84	92008.492	3741.025	307.431	268.3	7.3	NO	0.997	NO	MM
10	10 180307M2_11	Standard	500.000	4.84	183517.828	3795.497	604.393	493.5	-1.3	NO	0.997	NO	MM

**Compound name: PFDA**

Coefficient of Determination:  $R^2 = 0.998366$

Calibration curve:  $0.000221127 * x^2 + 0.98689 * x + 0.25397$

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 180307M2_2	Standard	0.250	5.13	563.044	22629.998	0.311	0.1	-76.9	YES	0.998	NO	MMX
2	2 180307M2_3	Standard	0.500	5.13	1102.208	21271.828	0.648	0.4	-20.2	NO	0.998	NO	bb
3	3 180307M2_4	Standard	1.000	5.13	2191.216	22599.018	1.212	1.0	-2.9	NO	0.998	NO	bb
4	4 180307M2_5	Standard	2.000	5.13	3894.490	19916.631	2.444	2.2	10.9	NO	0.998	NO	bb
5	5 180307M2_6	Standard	5.000	5.13	8859.799	22829.578	4.851	4.7	-6.9	NO	0.998	NO	bb
6	6 180307M2_7	Standard	10.000	5.13	22788.057	25366.107	11.230	11.1	10.9	NO	0.998	NO	bb
7	7 180307M2_8	Standard	50.000	5.13	119706.594	26961.881	55.498	55.3	10.6	NO	0.998	NO	bb
8	8 180307M2_9	Standard	100.000	5.13	201495.875	24454.252	102.996	101.8	1.8	NO	0.998	NO	bb
9	9 180307M2_10	Standard	250.000	5.13	501669.813	25428.689	246.606	237.0	-5.2	NO	0.998	NO	bb
10	10 180307M2_11	Standard	500.000	5.13	874902.375	19699.551	555.154	505.1	1.0	NO	0.998	NO	bb

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**Compound name: 8:2 FTS**

Coefficient of Determination:  $R^2 = 0.992591$

Calibration curve:  $-0.00409915 * x^2 + 1.64178 * x + 0.104068$

Response type: Internal Std ( Ref 46 ), 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 180307M2_2	Standard	0.250	5.10	174.611	3717.977	0.587	0.3	17.8	NO	0.993	NO	bb
2	2 180307M2_3	Standard	0.500	5.10	215.915	3623.299	0.745	0.4	-21.9	NO	0.993	NO	bb
3	3 180307M2_4	Standard	1.000	5.10	517.411	3167.625	2.042	1.2	18.4	NO	0.993	NO	bb
4	4 180307M2_5	Standard	2.000	5.10	947.434	3566.731	3.320	2.0	-1.6	NO	0.993	NO	bb
5	5 180307M2_6	Standard	5.000	5.10	2340.279	3642.649	8.031	4.9	-2.2	NO	0.993	NO	bb
6	6 180307M2_7	Standard	10.000	5.10	5354.696	3433.498	19.494	12.2	21.8	NO	0.993	NO	bb
7	7 180307M2_8	Standard	50.000	5.10	22909.834	4344.609	65.915	45.2	-9.6	NO	0.993	NO	bb
8	8 180307M2_9	Standard	100.000	5.10	46220.059	4586.241	125.975	103.3	3.3	NO	0.993	NO	bb
9	9 180307M2_10	Standard	250.000	5.10	87075.602	6388.555	170.374			NO	0.993	NO	bbXI
10	10 180307M2_11	Standard	500.000	5.10	177564.406	9744.109	227.784			NO	0.993	YES	bbXI

**Compound name: PFNS**

Coefficient of Determination:  $R^2 = 0.997663$

Calibration curve:  $-4.37361e-005 * x^2 + 0.862676 * x + -0.156905$

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 180307M2_2	Standard	0.250	5.19	109.424	4404.642	0.311	0.5	116.7	YES	0.998	NO	MMX
2	2 180307M2_3	Standard	0.500	5.20	127.727	5341.444	0.299	0.5	5.7	NO	0.998	NO	MM
3	3 180307M2_4	Standard	1.000	5.19	314.950	4711.445	0.836	1.2	15.1	NO	0.998	NO	MM
4	4 180307M2_5	Standard	2.000	5.19	718.337	4906.320	1.830	2.3	15.2	NO	0.998	NO	MM
5	5 180307M2_6	Standard	5.000	5.19	1266.395	5186.075	3.052	3.7	-25.6	NO	0.998	NO	MM
6	6 180307M2_7	Standard	10.000	5.19	3567.219	5533.300	8.059	9.5	-4.7	NO	0.998	NO	MM
7	7 180307M2_8	Standard	50.000	5.19	16123.877	4949.934	40.717	47.5	-5.0	NO	0.998	NO	MM
8	8 180307M2_9	Standard	100.000	5.19	32949.363	5105.404	80.673	94.1	-5.9	NO	0.998	NO	MM
9	9 180307M2_10	Standard	250.000	5.19	67877.656	3741.025	226.802	266.7	6.7	NO	0.998	NO	bb
10	10 180307M2_11	Standard	500.000	5.19	125849.156	3795.497	414.469	492.9	-1.4	NO	0.998	NO	MM

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**Compound name: N-MeFOSAA**

Coefficient of Determination: R<sup>2</sup> = 0.998606

Calibration curve: -0.000497229 \* x<sup>2</sup> + 1.57109 \* x + -0.0759326

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 180307M2_2	Standard	0.250	5.28	300.292	10872.701	0.345	0.3	7.2	NO	0.999	NO	bb
2	2 180307M2_3	Standard	0.500	5.28	606.332	10880.661	0.697	0.5	-1.6	NO	0.999	NO	bb
3	3 180307M2_4	Standard	1.000	5.28	1212.208	9886.857	1.533	1.0	2.4	NO	0.999	NO	bb
4	4 180307M2_5	Standard	2.000	5.28	2159.548	10326.701	2.614	1.7	-14.3	NO	0.999	NO	bb
5	5 180307M2_6	Standard	5.000	5.28	5572.081	10650.729	6.540	4.2	-15.7	NO	0.999	NO	bb
6	6 180307M2_7	Standard	10.000	5.28	12778.870	9383.906	17.022	10.9	9.2	NO	0.999	NO	bb
7	7 180307M2_8	Standard	50.000	5.28	61825.844	11121.717	69.488	44.9	-10.2	NO	0.999	NO	bb
8	8 180307M2_9	Standard	100.000	5.28	121863.930	9912.861	153.669	101.1	1.1	NO	0.999	NO	bb
9	9 180307M2_10	Standard	250.000	5.28	273063.500	9141.262	373.394	258.9	3.6	NO	0.999	NO	bb
10	10 180307M2_11	Standard	500.000	5.29	493495.781	9407.660	655.710	494.9	-1.0	NO	0.999	NO	bb

**Compound name: N-EtFOSAA**

Coefficient of Determination: R<sup>2</sup> = 0.998379

Calibration curve: -0.000364059 \* x<sup>2</sup> + 1.15736 \* x + -0.0859832

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 180307M2_2	Standard	0.250	5.44	218.584	12058.573	0.227	0.3	8.0	NO	0.998	NO	bb
2	2 180307M2_3	Standard	0.500	5.45	366.408	11459.065	0.400	0.4	-16.1	NO	0.998	NO	bb
3	3 180307M2_4	Standard	1.000	5.44	995.348	11394.757	1.092	1.0	1.8	NO	0.998	NO	bb
4	4 180307M2_5	Standard	2.000	5.44	1976.481	12393.329	1.993	1.8	-10.1	NO	0.998	NO	bb
5	5 180307M2_6	Standard	5.000	5.45	4958.517	11713.411	5.291	4.7	-6.9	NO	0.998	NO	bb
6	6 180307M2_7	Standard	10.000	5.44	10118.816	11889.358	10.639	9.3	-7.1	NO	0.998	NO	bb
7	7 180307M2_8	Standard	50.000	5.45	50652.324	11856.506	53.401	46.9	-6.2	NO	0.998	NO	bb
8	8 180307M2_9	Standard	100.000	5.44	96141.711	9861.195	121.869	109.1	9.1	NO	0.998	NO	bb
9	9 180307M2_10	Standard	250.000	5.44	197564.766	9501.135	259.923	243.3	-2.7	NO	0.998	NO	bb
10	10 180307M2_11	Standard	500.000	5.44	322378.781	8236.272	489.267	502.1	0.4	NO	0.998	NO	bb



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**Compound name: PFUdA**

Coefficient of Determination: R<sup>2</sup> = 0.999696

Calibration curve: -0.000317921 \* x<sup>2</sup> + 1.01232 \* x + 0.0146191

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 180307M2_2	Standard	0.250	5.45	505.561	30037.832	0.210	0.2	-22.6	NO	1.000	NO	MM
2	2 180307M2_3	Standard	0.500	5.45	1060.776	26294.104	0.504	0.5	-3.2	NO	1.000	NO	bb
3	3 180307M2_4	Standard	1.000	5.45	2407.214	24756.488	1.215	1.2	18.7	NO	1.000	NO	bb
4	4 180307M2_5	Standard	2.000	5.45	4033.773	23068.002	2.186	2.1	7.3	NO	1.000	NO	bb
5	5 180307M2_6	Standard	5.000	5.46	9266.508	24229.268	4.781	4.7	-5.7	NO	1.000	NO	bb
6	6 180307M2_7	Standard	10.000	5.45	21201.377	25219.518	10.508	10.4	4.0	NO	1.000	NO	bb
7	7 180307M2_8	Standard	50.000	5.45	110724.664	26696.406	51.844	52.0	4.1	NO	1.000	NO	bb
8	8 180307M2_9	Standard	100.000	5.45	185911.719	24217.838	95.958	97.8	-2.2	NO	1.000	NO	bb
9	9 180307M2_10	Standard	250.000	5.45	467863.813	25182.063	232.241	248.8	-0.5	NO	1.000	NO	MM
10	10 180307M2_11	Standard	500.000	5.46	712660.563	20842.859	427.401	501.0	0.2	NO	1.000	NO	MM

**Compound name: PFDS**

Coefficient of Determination: R<sup>2</sup> = 0.998226

Calibration curve: -4.61728e-005 \* x<sup>2</sup> + 0.205185 \* x + -0.0166458

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 180307M2_2	Standard	0.250	5.50	77.441	30037.832	0.032	0.2	-4.7	NO	0.998	NO	bb
2	2 180307M2_3	Standard	0.500	5.50	172.571	26294.104	0.082	0.5	-3.8	NO	0.998	NO	bb
3	3 180307M2_4	Standard	1.000	5.50	448.201	24756.488	0.226	1.2	18.4	NO	0.998	NO	bb
4	4 180307M2_5	Standard	2.000	5.50	825.454	23068.002	0.447	2.3	13.1	NO	0.998	NO	bb
5	5 180307M2_6	Standard	5.000	5.50	1396.421	24229.268	0.720	3.6	-28.1	NO	0.998	NO	bb
6	6 180307M2_7	Standard	10.000	5.50	4103.907	25219.518	2.034	10.0	0.2	NO	0.998	NO	bb
7	7 180307M2_8	Standard	50.000	5.50	21952.475	26696.406	10.279	50.8	1.5	NO	0.998	NO	bb
8	8 180307M2_9	Standard	100.000	5.50	41493.980	24217.838	21.417	107.0	7.0	NO	0.998	NO	bb
9	9 180307M2_10	Standard	250.000	5.50	93295.500	25182.063	46.310	238.6	-4.6	NO	0.998	NO	bb
10	10 180307M2_11	Standard	500.000	5.50	153046.641	20842.859	91.786	504.7	0.9	NO	0.998	NO	bb

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**Compound name: PFD<sub>o</sub>A**

Coefficient of Determination: R<sup>2</sup> = 0.974955

Calibration curve: 2.29179e-006 \* x<sup>2</sup> + 0.00677359 \* x + 0.0155666

Response type: Internal Std ( Ref 50 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

*Om 3/9/18*

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180307M2_2	Standard	0.250	5.74	26.004	17547.486	0.019	0.4	74.6	YES	0.975	YES	MM
2	2 180307M2_3	Standard	0.500	5.73	34.001	16548.965	0.026	1.5	198.5	YES	0.975	YES	MM
3	3 180307M2_4	Standard	1.000	5.74	18.233	19862.846	0.011			NO	0.975	NO	MMI
4	4 180307M2_5	Standard	2.000	5.76	41.427	21601.850	0.024	1.2	-38.0	YES	0.975	YES	MM
5	5 180307M2_6	Standard	5.000	5.74	32.453	19018.127	0.021	0.9	-83.0	YES	0.975	YES	MM
6	6 180307M2_7	Standard	10.000	5.74	110.030	17534.574	0.078	9.3	-7.5	NO	0.975	YES	bb
7	7 180307M2_8	Standard	50.000	5.74	647.163	24230.268	0.334	46.3	-7.5	NO	0.975	YES	db
8	8 180307M2_9	Standard	100.000	5.74	1439.440	18613.611	0.967	134.3	34.3	YES	0.975	YES	db
9	9 180307M2_10	Standard	250.000	5.74	2738.202	21668.031	1.580	215.2	-13.9	NO	0.975	YES	db
10	10 180307M2_11	Standard	500.000	5.74	6274.831	19297.857	4.064	509.8	2.0	NO	0.975	YES	bb

**Compound name: N-MeFOSA**

Coefficient of Determination: R<sup>2</sup> = 0.999872

Calibration curve: -9.76393e-005 \* x<sup>2</sup> + 1.08999 \* x + 0.0814473

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 180307M2_2	Standard	1.250	5.98	283.181	30768.123	1.381	1.2	-4.6	NO	1.000	NO	bb
2	2 180307M2_3	Standard	2.500	5.98	556.895	30389.486	2.749	2.4	-2.1	NO	1.000	NO	bb
3	3 180307M2_4	Standard	5.000	5.98	1135.243	31820.717	5.351	4.8	-3.3	NO	1.000	NO	bb
4	4 180307M2_5	Standard	10.000	5.98	2409.848	30373.465	11.901	10.9	8.5	NO	1.000	NO	bb
5	5 180307M2_6	Standard	25.000	5.98	5639.824	30093.824	28.111	25.8	3.1	NO	1.000	NO	bd
6	6 180307M2_7	Standard	50.000	5.98	11793.954	31372.459	56.390	51.9	3.8	NO	1.000	NO	bb
7	7 180307M2_8	Standard	250.000	5.98	56614.848	31537.844	269.271	252.7	1.1	NO	1.000	NO	bb
8	8 180307M2_9	Standard	500.000	5.98	106759.617	30600.775	523.318	502.7	0.5	NO	1.000	NO	bb
9	9 180307M2_10	Standard	1250.000	5.98	232678.781	29236.115	1193.791	1230.9	-1.5	NO	1.000	NO	bb
10	10 180307M2_11	Standard	2500.000	5.99	412884.656	29185.184	2122.060	2512.1	0.5	NO	1.000	NO	bb

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**Compound name: PFTrDA**

Coefficient of Determination: R<sup>2</sup> = 0.992029

Calibration curve: 0.00528288 \* x<sup>2</sup> + 1.15272 \* x + 0.282825

Response type: Internal Std ( Ref 50 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180307M2_2	Standard	0.250	5.98	625.622	17547.486	0.446	0.1	-43.5	YES	0.992	NO	bbX
2	2 180307M2_3	Standard	0.500	5.99	1205.066	16548.965	0.910	0.5	8.6	NO	0.992	NO	bb
3	3 180307M2_4	Standard	1.000	5.99	1995.801	19862.846	1.256	0.8	-15.9	NO	0.992	NO	bb
4	4 180307M2_5	Standard	2.000	5.99	5107.994	21601.850	2.956	2.3	14.7	NO	0.992	NO	bb
5	5 180307M2_6	Standard	5.000	5.99	11955.766	19018.127	7.858	6.4	27.7	NO	0.992	NO	bb
6	6 180307M2_7	Standard	10.000	5.99	21143.807	17534.574	15.073	12.2	21.5	NO	0.992	NO	bb
7	7 180307M2_8	Standard	50.000	5.99	121346.930	24230.268	62.601	44.8	-10.3	NO	0.992	NO	bb
8	8 180307M2_9	Standard	100.000	5.99	256546.141	18613.611	172.284	101.8	1.8	NO	0.992	NO	bb
9	9 180307M2_10	Standard	250.000	5.99	450519.094	21668.031	259.898	138.0	-44.8	YES	0.992	NO	bbX
10	10 180307M2_11	Standard	500.000	5.99	890789.313	19297.857	577.000	238.9	-52.2	YES	0.992	NO	bbX

**Compound name: PFTeDA**

Coefficient of Determination: R<sup>2</sup> = 0.998456

Calibration curve: -0.00551466 \* x<sup>2</sup> + 1.83703 \* x + 0.0895093

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 180307M2_2	Standard	0.250	6.21	449.674	11297.580	0.498	0.2	-11.1	NO	0.998	NO	bb
2	2 180307M2_3	Standard	0.500	6.21	897.131	11380.788	0.985	0.5	-2.3	NO	0.998	NO	bb
3	3 180307M2_4	Standard	1.000	6.21	2189.931	13162.945	2.080	1.1	8.7	NO	0.998	NO	bb
4	4 180307M2_5	Standard	2.000	6.21	3827.380	11461.404	4.174	2.2	11.9	NO	0.998	NO	bb
5	5 180307M2_6	Standard	5.000	6.21	9413.619	14049.687	8.375	4.6	-8.5	NO	0.998	NO	bb
6	6 180307M2_7	Standard	10.000	6.21	20228.047	13937.978	18.141	10.1	1.3	NO	0.998	NO	bb
7	7 180307M2_8	Standard	50.000	6.21	82663.469	13219.570	78.164	50.0	0.0	NO	0.998	NO	bb
8	8 180307M2_9	Standard	100.000	6.21	208902.797	11814.979	221.015			NO	0.998	NO	bbXI
9	9 180307M2_10	Standard	250.000	6.21	388569.750	12490.755	388.857			NO	0.998	NO	bbXI
10	10 180307M2_11	Standard	500.000	6.21	784460.125	15827.678	619.532			NO	0.998	NO	dbXI

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**Compound name: N-EtFOSA**

Coefficient of Determination: R<sup>2</sup> = 0.999895

Calibration curve:  $-4.22685e-005 * x^2 + 0.940039 * x + 0.0448789$

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 180307M2_2	Standard	1.250	6.38	323.498	44255.875	1.096	1.1	-10.5	NO	1.000	NO	bb
2	2 180307M2_3	Standard	2.500	6.38	729.431	44830.406	2.441	2.5	2.0	NO	1.000	NO	bb
3	3 180307M2_4	Standard	5.000	6.38	1471.540	45855.066	4.814	5.1	1.5	NO	1.000	NO	bb
4	4 180307M2_5	Standard	10.000	6.38	2772.277	43732.859	9.509	10.1	0.7	NO	1.000	NO	bb
5	5 180307M2_6	Standard	25.000	6.38	7169.932	44542.602	24.145	25.7	2.7	NO	1.000	NO	bb
6	6 180307M2_7	Standard	50.000	6.38	14576.005	45395.391	48.163	51.3	2.6	NO	1.000	NO	bb
7	7 180307M2_8	Standard	250.000	6.38	71011.805	45280.316	235.241	253.1	1.2	NO	1.000	NO	bb
8	8 180307M2_9	Standard	500.000	6.38	135106.813	43678.895	463.977	505.0	1.0	NO	1.000	NO	bb
9	9 180307M2_10	Standard	1250.000	6.38	292601.281	40154.391	1093.036	1230.8	-1.5	NO	1.000	NO	bb
10	10 180307M2_11	Standard	2500.000	6.38	516189.281	36998.230	2092.759	2509.3	0.4	NO	1.000	NO	bb

**Compound name: PFHxDA**

Coefficient of Determination: R<sup>2</sup> = 0.996901

Calibration curve:  $-0.000175343 * x^2 + 0.469296 * x + 0.0624016$

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 180307M2_2	Standard	0.250	6.54	382.990	10801.788	0.177	0.2	-2.1	NO	0.997	NO	bb
2	2 180307M2_3	Standard	0.500	6.55	623.866	11216.739	0.278	0.5	-8.1	NO	0.997	NO	bb
3	3 180307M2_4	Standard	1.000	6.54	1161.794	11515.291	0.504	0.9	-5.8	NO	0.997	NO	bb
4	4 180307M2_5	Standard	2.000	6.54	2205.678	10918.620	1.010	2.0	1.0	NO	0.997	NO	bb
5	5 180307M2_6	Standard	5.000	6.54	5357.409	11435.668	2.342	4.9	-2.7	NO	0.997	NO	bb
6	6 180307M2_7	Standard	10.000	6.54	11220.723	10860.959	5.166	10.9	9.2	NO	0.997	NO	bb
7	7 180307M2_8	Standard	50.000	6.55	61115.215	12167.464	25.114	54.5	9.0	NO	0.997	NO	bb
8	8 180307M2_9	Standard	100.000	6.54	103705.445	10855.087	47.768	105.8	5.8	NO	0.997	NO	bb
9	9 180307M2_10	Standard	250.000	6.54	213228.219	10868.327	98.096	228.4	-8.6	NO	0.997	NO	bb
10	10 180307M2_11	Standard	500.000	6.55	458514.563	11797.684	194.324	511.8	2.4	NO	0.997	NO	bb

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 08 Mar 2018 15:11:54

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 12:43:20

**Compound name: PFODA**

Coefficient of Determination:  $R^2 = 0.999267$

Calibration curve:  $-0.000361011 * x^2 + 0.955366 * x + 0.052173$

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 180307M2_2	Standard	0.250	6.78	646.886	10801.788	0.299	0.3	3.5	NO	0.999	NO	bb
2	2 180307M2_3	Standard	0.500	6.78	1281.993	11216.739	0.571	0.5	8.7	NO	0.999	NO	bb
3	3 180307M2_4	Standard	1.000	6.78	2286.250	11515.291	0.993	1.0	-1.5	NO	0.999	NO	bb
4	4 180307M2_5	Standard	2.000	6.78	4179.953	10918.620	1.914	2.0	-2.5	NO	0.999	NO	bb
5	5 180307M2_6	Standard	5.000	6.78	10586.603	11435.668	4.629	4.8	-4.0	NO	0.999	NO	bb
6	6 180307M2_7	Standard	10.000	6.78	24031.525	10860.959	11.063	11.6	15.8	NO	0.999	NO	bb
7	7 180307M2_8	Standard	50.000	6.78	119778.992	12167.464	49.221	52.5	5.0	NO	0.999	NO	bb
8	8 180307M2_9	Standard	100.000	6.78	196530.656	10855.087	90.525	98.4	-1.6	NO	0.999	NO	bb
9	9 180307M2_10	Standard	250.000	6.78	460786.063	10868.327	211.986	244.4	-2.2	NO	0.999	NO	bb
10	10 180307M2_11	Standard	500.000	6.78	919482.375	11797.684	389.688	503.7	0.7	NO	0.999	NO	bb

**Compound name: N-MeFOSE**

Coefficient of Determination:  $R^2 = 0.998719$

Calibration curve:  $-7.38657e-005 * x^2 + 0.936106 * x + 0.0554316$

Response type: Internal Std ( Ref 55 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1 180307M2_2	Standard	1.250	6.51	237.013	39005.652	0.911	0.9	-26.8	NO	0.999	NO	bb
2	2 180307M2_3	Standard	2.500	6.51	553.383	39011.109	2.128	2.2	-11.4	NO	0.999	NO	bb
3	3 180307M2_4	Standard	5.000	6.51	1264.549	34824.887	5.447	5.8	15.2	NO	0.999	NO	bb
4	4 180307M2_5	Standard	10.000	6.51	2408.220	33768.207	10.697	11.4	13.8	NO	0.999	NO	bb
5	5 180307M2_6	Standard	25.000	6.51	5310.190	33783.949	23.577	25.2	0.7	NO	0.999	NO	bb
6	6 180307M2_7	Standard	50.000	6.51	9153.002	28439.365	48.276	51.7	3.4	NO	0.999	NO	MM
7	7 180307M2_8	Standard	250.000	6.51	62198.898	36806.313	253.485	276.8	10.7	NO	0.999	NO	bb
8	8 180307M2_9	Standard	500.000	6.51	104114.391	36172.488	431.741	479.3	-4.1	NO	0.999	NO	MM
9	9 180307M2_10	Standard	1250.000	6.51	221984.281	32206.184	1033.890	1222.3	-2.2	NO	0.999	NO	bb
10	10 180307M2_11	Standard	2500.000	6.51	434045.250	34443.641	1890.241	2520.5	0.8	NO	0.999	NO	MM

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**Compound name: N-EtFOSE**

Correlation coefficient:  $r = 0.997161$ ,  $r^2 = 0.994331$

Calibration curve:  $1.09145 * x + -0.0776188$

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	1 180307M2_2	Standard	1.250	6.66	253.175	27959.480	1.358	1.3	5.2	NO	0.994	NO	bb
2	2 180307M2_3	Standard	2.500	6.65	632.566	30961.068	3.065	2.9	15.2	NO	0.994	NO	bb
3	3 180307M2_4	Standard	5.000	6.65	1358.911	31684.873	6.433	6.0	19.3	NO	0.994	NO	bb
4	4 180307M2_5	Standard	10.000	6.65	2147.643	30144.691	10.687	9.9	-1.4	NO	0.994	NO	bb
5	5 180307M2_6	Standard	25.000	6.66	5594.814	35730.820	23.487	21.6	-13.6	NO	0.994	NO	bb
6	6 180307M2_7	Standard	50.000	6.65	10253.052	33125.031	46.429	42.6	-14.8	NO	0.994	NO	MM
7	7 180307M2_8	Standard	250.000	6.65	55133.652	31586.967	261.818	240.0	-4.0	NO	0.994	NO	bb
8	8 180307M2_9	Standard	500.000	6.65	110580.914	30980.855	535.400	490.6	-1.9	NO	0.994	NO	bb
9	9 180307M2_10	Standard	1250.000	6.65	248872.156	30525.061	1222.957	1120.6	-10.4	NO	0.994	NO	MM
10	10 180307M2_11	Standard	2500.000	6.66	539275.688	27879.660	2901.447	2658.4	6.3	NO	0.994	NO	bb

**Compound name: 13C3-PFBA**

Response Factor: 0.881748

RRF SD: 0.0389216, Relative SD: 4.41414

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 180307M2_2	Standard	12.500	1.45	7807.841	9062.441	10.770	12.2	-2.3	NO		NO	MM
2	2 180307M2_3	Standard	12.500	1.45	7414.112	8627.546	10.742	12.2	-2.5	NO		NO	MM
3	3 180307M2_4	Standard	12.500	1.45	8304.409	8948.503	11.600	13.2	5.2	NO		NO	MM
4	4 180307M2_5	Standard	12.500	1.45	7664.970	8735.587	10.968	12.4	-0.5	NO		NO	MM
5	5 180307M2_6	Standard	12.500	1.45	7200.527	7728.950	11.645	13.2	5.7	NO		NO	MM
6	6 180307M2_7	Standard	12.500	1.45	7915.193	8470.948	11.680	13.2	6.0	NO		NO	MM
7	7 180307M2_8	Standard	12.500	1.45	7971.371	8875.496	11.227	12.7	1.9	NO		NO	bb
8	8 180307M2_9	Standard	12.500	1.45	7636.464	8922.502	10.698	12.1	-2.9	NO		NO	MM
9	9 180307M2_10	Standard	12.500	1.45	7427.438	8963.981	10.357	11.7	-6.0	NO		NO	MM
10	10 180307M2_11	Standard	12.500	1.46	7278.908	8639.723	10.531	11.9	-4.5	NO		NO	MM

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**Compound name: 13C3-PFPeA**

Response Factor: 0.887857

RRF SD: 0.0403321, Relative SD: 4.54264

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 180307M2_2	Standard	12.500	2.41	20634.395	23076.850	11.177	12.6	0.7	NO		NO	bb
2	2 180307M2_3	Standard	12.500	2.41	20691.186	24302.049	10.643	12.0	-4.1	NO		NO	bb
3	3 180307M2_4	Standard	12.500	2.41	21043.783	24684.100	10.657	12.0	-4.0	NO		NO	bb
4	4 180307M2_5	Standard	12.500	2.41	20444.408	21521.941	11.874	13.4	7.0	NO		NO	bb
5	5 180307M2_6	Standard	12.500	2.41	21410.930	22951.992	11.661	13.1	5.1	NO		NO	bb
6	6 180307M2_7	Standard	12.500	2.41	20580.490	24156.400	10.650	12.0	-4.0	NO		NO	bb
7	7 180307M2_8	Standard	12.500	2.41	22342.971	23600.490	11.834	13.3	6.6	NO		NO	bb
8	8 180307M2_9	Standard	12.500	2.41	20090.730	23221.486	10.815	12.2	-2.6	NO		NO	bb
9	9 180307M2_10	Standard	12.500	2.41	18646.551	21526.828	10.828	12.2	-2.4	NO		NO	bb
10	10 180307M2_11	Standard	12.500	2.41	18472.662	21291.395	10.845	12.2	-2.3	NO		NO	bb

**Compound name: 13C3-PFBS**

Response Factor: 0.100944

RRF SD: 0.00470493, Relative SD: 4.66094

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 180307M2_2	Standard	12.500	2.68	2416.641	23076.850	1.309	13.0	3.7	NO		NO	bb
2	2 180307M2_3	Standard	12.500	2.68	2475.857	24302.049	1.273	12.6	0.9	NO		NO	bb
3	3 180307M2_4	Standard	12.500	2.69	2466.994	24684.100	1.249	12.4	-1.0	NO		NO	bb
4	4 180307M2_5	Standard	12.500	2.69	2291.045	21521.941	1.331	13.2	5.5	NO		NO	bb
5	5 180307M2_6	Standard	12.500	2.68	2410.681	22951.992	1.313	13.0	4.0	NO		NO	bb
6	6 180307M2_7	Standard	12.500	2.69	2311.856	24156.400	1.196	11.9	-5.2	NO		NO	bb
7	7 180307M2_8	Standard	12.500	2.68	2411.228	23600.490	1.277	12.7	1.2	NO		NO	bb
8	8 180307M2_9	Standard	12.500	2.69	2294.602	23221.486	1.235	12.2	-2.1	NO		NO	bb
9	9 180307M2_10	Standard	12.500	2.68	2229.408	21526.828	1.295	12.8	2.6	NO		NO	bb
10	10 180307M2_11	Standard	12.500	2.69	1940.977	21291.395	1.140	11.3	-9.7	NO		NO	bb

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**Compound name: 13C2-PFHxA**

Response Factor: 0.743741

RRF SD: 0.0376031, Relative SD: 5.05594

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 180307M2_2	Standard	5.000	3.18	7376.902	23076.850	3.996	5.4	7.5	NO		NO	bb
2	2 180307M2_3	Standard	5.000	3.18	6698.330	24302.049	3.445	4.6	-7.4	NO		NO	bb
3	3 180307M2_4	Standard	5.000	3.18	7161.120	24684.100	3.626	4.9	-2.5	NO		NO	bb
4	4 180307M2_5	Standard	5.000	3.18	6706.463	21521.941	3.895	5.2	4.7	NO		NO	bb
5	5 180307M2_6	Standard	5.000	3.18	6381.543	22951.992	3.475	4.7	-6.5	NO		NO	bb
6	6 180307M2_7	Standard	5.000	3.18	7008.061	24156.400	3.626	4.9	-2.5	NO		NO	bb
7	7 180307M2_8	Standard	5.000	3.18	7240.950	23600.490	3.835	5.2	3.1	NO		NO	bb
8	8 180307M2_9	Standard	5.000	3.18	7226.828	23221.486	3.890	5.2	4.6	NO		NO	bb
9	9 180307M2_10	Standard	5.000	3.18	6521.240	21526.828	3.787	5.1	1.8	NO		NO	bb
10	10 180307M2_11	Standard	5.000	3.18	6149.745	21291.395	3.610	4.9	-2.9	NO		NO	bb

**Compound name: 13C4-PFHpA**

Response Factor: 0.740139

RRF SD: 0.0441428, Relative SD: 5.96413

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 180307M2_2	Standard	12.500	3.79	17492.340	23076.850	9.475	12.8	2.4	NO		NO	bb
2	2 180307M2_3	Standard	12.500	3.79	16998.473	24302.049	8.743	11.8	-5.5	NO		NO	bb
3	3 180307M2_4	Standard	12.500	3.79	17894.396	24684.100	9.062	12.2	-2.1	NO		NO	bb
4	4 180307M2_5	Standard	12.500	3.79	18118.047	21521.941	10.523	14.2	13.7	NO		NO	bb
5	5 180307M2_6	Standard	12.500	3.79	16941.070	22951.992	9.226	12.5	-0.3	NO		NO	bb
6	6 180307M2_7	Standard	12.500	3.79	17030.949	24156.400	8.813	11.9	-4.7	NO		NO	bb
7	7 180307M2_8	Standard	12.500	3.79	18417.037	23600.490	9.755	13.2	5.4	NO		NO	bb
8	8 180307M2_9	Standard	12.500	3.79	17145.188	23221.486	9.229	12.5	-0.2	NO		NO	bb
9	9 180307M2_10	Standard	12.500	3.79	15301.759	21526.828	8.885	12.0	-4.0	NO		NO	bb
10	10 180307M2_11	Standard	12.500	3.80	14999.320	21291.395	8.806	11.9	-4.8	NO		NO	bb



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**Compound name: 18O2-PFHxS**

Response Factor: 0.424251

RRF SD: 0.0390088, Relative SD: 9.19476

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 180307M2_2	Standard	12.500	3.94	1996.003	4448.016	5.609	13.2	5.8	NO		NO	bb
2	2 180307M2_3	Standard	12.500	3.94	1907.617	4579.724	5.207	12.3	-1.8	NO		NO	bb
3	3 180307M2_4	Standard	12.500	3.94	1853.461	4681.238	4.949	11.7	-6.7	NO		NO	bb
4	4 180307M2_5	Standard	12.500	3.94	1783.400	4725.152	4.718	11.1	-11.0	NO		NO	bb
5	5 180307M2_6	Standard	12.500	3.94	2000.399	4135.252	6.047	14.3	14.0	NO		NO	bb
6	6 180307M2_7	Standard	12.500	3.94	1716.965	4339.483	4.946	11.7	-6.7	NO		NO	bb
7	7 180307M2_8	Standard	12.500	3.94	2160.945	4634.477	5.828	13.7	9.9	NO		NO	bb
8	8 180307M2_9	Standard	12.500	3.94	1728.024	4463.807	4.839	11.4	-8.8	NO		NO	bb
9	9 180307M2_10	Standard	12.500	3.95	1786.932	3807.330	5.867	13.8	10.6	NO		NO	bb
10	10 180307M2_11	Standard	12.500	3.95	1694.728	4218.540	5.022	11.8	-5.3	NO		NO	bb

**Compound name: 13C2-6:2 FTS**

Response Factor: 0.253676

RRF SD: 0.0437249, Relative SD: 17.2365

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 180307M2_2	Standard	12.500	4.26	5025.898	22206.615	2.829	11.2	-10.8	NO		NO	bb
2	2 180307M2_3	Standard	12.500	4.26	4584.872	20696.357	2.769	10.9	-12.7	NO		NO	bb
3	3 180307M2_4	Standard	12.500	4.26	5541.772	21779.225	3.181	12.5	0.3	NO		NO	bb
4	4 180307M2_5	Standard	12.500	4.26	5296.680	23824.783	2.779	11.0	-12.4	NO		NO	bb
5	5 180307M2_6	Standard	12.500	4.26	5365.863	22403.834	2.994	11.8	-5.6	NO		NO	bb
6	6 180307M2_7	Standard	12.500	4.26	5579.147	23722.352	2.940	11.6	-7.3	NO		NO	bb
7	7 180307M2_8	Standard	12.500	4.26	6078.586	21756.781	3.492	13.8	10.1	NO		NO	bb
8	8 180307M2_9	Standard	12.500	4.26	6975.006	19888.748	4.384	17.3	38.2	NO		NO	bb
9	9 180307M2_10	Standard	12.500	4.26	9418.064	19909.219	5.913	23.3	86.5	NO		NO	bbX
10	10 180307M2_11	Standard	12.500	4.26	13110.937	19782.818	8.284	32.7	161.3	NO		NO	bbX

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**Compound name: 13C2-PFOA**

Response Factor: 1.12897

RRF SD: 0.0786032, Relative SD: 6.96238

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 180307M2_2	Standard	12.500	4.32	23817.580	22206.615	13.407	11.9	-5.0	NO		NO	bb
2	2 180307M2_3	Standard	12.500	4.32	24820.223	20696.357	14.991	13.3	6.2	NO		NO	bb
3	3 180307M2_4	Standard	12.500	4.32	25316.568	21779.225	14.530	12.9	3.0	NO		NO	bb
4	4 180307M2_5	Standard	12.500	4.32	24412.830	23824.783	12.809	11.3	-9.2	NO		NO	bb
5	5 180307M2_6	Standard	12.500	4.32	25723.428	22403.834	14.352	12.7	1.7	NO		NO	bb
6	6 180307M2_7	Standard	12.500	4.32	25034.715	23722.352	13.192	11.7	-6.5	NO		NO	bb
7	7 180307M2_8	Standard	12.500	4.32	26587.549	21756.781	15.275	13.5	8.2	NO		NO	bb
8	8 180307M2_9	Standard	12.500	4.32	24872.721	19888.748	15.632	13.8	10.8	NO		NO	bb
9	9 180307M2_10	Standard	12.500	4.32	21873.455	19909.219	13.733	12.2	-2.7	NO		NO	bb
10	10 180307M2_11	Standard	12.500	4.32	20890.893	19782.818	13.200	11.7	-6.5	NO		NO	bb

**Compound name: 13C5-PFNA**

Response Factor: 1.00648

RRF SD: 0.0696486, Relative SD: 6.92002

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 180307M2_2	Standard	12.500	4.75	21978.621	23161.539	11.862	11.8	-5.7	NO		NO	bb
2	2 180307M2_3	Standard	12.500	4.75	20783.010	21637.518	12.006	11.9	-4.6	NO		NO	bb
3	3 180307M2_4	Standard	12.500	4.75	25160.045	23381.383	13.451	13.4	6.9	NO		NO	bb
4	4 180307M2_5	Standard	12.500	4.75	22508.479	21737.277	12.943	12.9	2.9	NO		NO	bb
5	5 180307M2_6	Standard	12.500	4.75	23889.010	24019.645	12.432	12.4	-1.2	NO		NO	bb
6	6 180307M2_7	Standard	12.500	4.75	24031.678	25631.992	11.720	11.6	-6.8	NO		NO	bb
7	7 180307M2_8	Standard	12.500	4.75	21916.197	18862.090	14.524	14.4	15.4	NO		NO	bb
8	8 180307M2_9	Standard	12.500	4.75	21439.992	22255.164	12.042	12.0	-4.3	NO		NO	bb
9	9 180307M2_10	Standard	12.500	4.75	20962.578	21658.967	12.098	12.0	-3.8	NO		NO	bb
10	10 180307M2_11	Standard	12.500	4.76	18787.787	18445.502	12.732	12.6	1.2	NO		NO	bb

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**Compound name: 13C8-PFOA**

Response Factor: 0.18182

RRF SD: 0.00716329, Relative SD: 3.93976

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 180307M2_2	Standard	12.500	4.83	4735.893	25186.721	2.350	12.9	3.4	NO		NO	bb
2	2 180307M2_3	Standard	12.500	4.83	4672.019	26553.359	2.199	12.1	-3.2	NO		NO	bb
3	3 180307M2_4	Standard	12.500	4.83	4833.539	26947.623	2.242	12.3	-1.3	NO		NO	bb
4	4 180307M2_5	Standard	12.500	4.83	4460.536	26626.092	2.094	11.5	-7.9	NO		NO	bb
5	5 180307M2_6	Standard	12.500	4.83	4638.693	25115.025	2.309	12.7	1.6	NO		NO	bb
6	6 180307M2_7	Standard	12.500	4.83	4281.274	24000.357	2.230	12.3	-1.9	NO		NO	bb
7	7 180307M2_8	Standard	12.500	4.83	4500.254	23895.506	2.354	12.9	3.6	NO		NO	bb
8	8 180307M2_9	Standard	12.500	4.83	4046.905	21895.617	2.310	12.7	1.7	NO		NO	bb
9	9 180307M2_10	Standard	12.500	4.83	3747.587	20906.238	2.241	12.3	-1.4	NO		NO	bb
10	10 180307M2_11	Standard	12.500	4.83	3655.545	19055.637	2.398	13.2	5.5	NO		NO	bb

**Compound name: 13C8-PFOS**

Response Factor: 1.04888

RRF SD: 0.208701, Relative SD: 19.8975

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 180307M2_2	Standard	12.500	4.84	4404.642	5252.366	10.483	10.0	-20.0	NO		NO	bb
2	2 180307M2_3	Standard	12.500	4.84	5341.444	3739.244	17.856	17.0	36.2	NO		NO	bb
3	3 180307M2_4	Standard	12.500	4.84	4711.445	5187.149	11.354	10.8	-13.4	NO		NO	bb
4	4 180307M2_5	Standard	12.500	4.84	4906.320	3808.477	16.103	15.4	22.8	NO		NO	bb
5	5 180307M2_6	Standard	12.500	4.84	5186.075	4227.732	15.334	14.6	17.0	NO		NO	bb
6	6 180307M2_7	Standard	12.500	4.84	5533.300	5482.837	12.615	12.0	-3.8	NO		NO	bb
7	7 180307M2_8	Standard	12.500	4.84	4949.934	4457.155	13.882	13.2	5.9	NO		NO	bb
8	8 180307M2_9	Standard	12.500	4.84	5105.404	5155.414	12.379	11.8	-5.6	NO		NO	bb
9	9 180307M2_10	Standard	12.500	4.84	3741.025	4256.406	10.986	10.5	-16.2	NO		NO	bb
10	10 180307M2_11	Standard	12.500	4.84	3795.497	4688.766	10.119	9.6	-22.8	NO		NO	bb

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**Compound name: 13C2-PFDA**

Response Factor: 1.08179

RRF SD: 0.179072, Relative SD: 16.5532

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 180307M2_2	Standard	12.500	5.13	22629.998	23520.055	12.027	11.1	-11.1	NO		NO	bb
2	2 180307M2_3	Standard	12.500	5.13	21271.828	20035.156	13.272	12.3	-1.9	NO		NO	bb
3	3 180307M2_4	Standard	12.500	5.13	22599.018	21317.910	13.251	12.2	-2.0	NO		NO	bb
4	4 180307M2_5	Standard	12.500	5.13	19916.631	20224.252	12.310	11.4	-9.0	NO		NO	bb
5	5 180307M2_6	Standard	12.500	5.13	22829.578	22113.408	12.905	11.9	-4.6	NO		NO	bb
6	6 180307M2_7	Standard	12.500	5.13	25366.107	23412.016	13.543	12.5	0.2	NO		NO	bb
7	7 180307M2_8	Standard	12.500	5.13	26961.881	17212.568	19.580	18.1	44.8	NO		NO	bb
8	8 180307M2_9	Standard	12.500	5.13	24454.252	25327.857	12.069	11.2	-10.7	NO		NO	bb
9	9 180307M2_10	Standard	12.500	5.13	25428.689	22588.873	14.071	13.0	4.1	NO		NO	bb
10	10 180307M2_11	Standard	12.500	5.13	19699.551	20190.395	12.196	11.3	-9.8	NO		NO	bb

**Compound name: 13C2-8:2 FTS**

Response Factor: 0.160837

RRF SD: 0.0222258, Relative SD: 13.8189

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 180307M2_2	Standard	12.500	5.10	3717.977	23076.850	2.014	12.5	0.2	NO		NO	bb
2	2 180307M2_3	Standard	12.500	5.10	3623.299	24302.049	1.864	11.6	-7.3	NO		NO	bb
3	3 180307M2_4	Standard	12.500	5.10	3167.625	24684.100	1.604	10.0	-20.2	NO		NO	bb
4	4 180307M2_5	Standard	12.500	5.10	3566.731	21521.941	2.072	12.9	3.0	NO		NO	bb
5	5 180307M2_6	Standard	12.500	5.10	3642.649	22951.992	1.984	12.3	-1.3	NO		NO	bb
6	6 180307M2_7	Standard	12.500	5.10	3433.498	24156.400	1.777	11.0	-11.6	NO		NO	bb
7	7 180307M2_8	Standard	12.500	5.10	4344.609	23600.490	2.301	14.3	14.5	NO		NO	bb
8	8 180307M2_9	Standard	12.500	5.10	4586.241	23221.486	2.469	15.3	22.8	NO		NO	bb
9	9 180307M2_10	Standard	12.500	5.10	6388.555	21526.828	3.710	23.1	84.5	NO		NO	bbX
10	10 180307M2_11	Standard	12.500	5.10	9744.109	21291.395	5.721	35.6	184.5	NO		NO	bbX

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**Compound name: d3-N-MeFOSAA**

Response Factor: 0.426036

RRF SD: 0.0386633, Relative SD: 9.07512

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 180307M2_2	Standard	12.500	5.28	10872.701	25186.721	5.396	12.7	1.3	NO		NO	bb
2	2 180307M2_3	Standard	12.500	5.28	10880.661	26553.359	5.122	12.0	-3.8	NO		NO	bb
3	3 180307M2_4	Standard	12.500	5.28	9886.857	26947.623	4.586	10.8	-13.9	NO		NO	bb
4	4 180307M2_5	Standard	12.500	5.28	10326.701	26626.092	4.848	11.4	-9.0	NO		NO	bb
5	5 180307M2_6	Standard	12.500	5.28	10650.729	25115.025	5.301	12.4	-0.5	NO		NO	bb
6	6 180307M2_7	Standard	12.500	5.28	9383.906	24000.357	4.887	11.5	-8.2	NO		NO	bb
7	7 180307M2_8	Standard	12.500	5.28	11121.717	23895.506	5.818	13.7	9.2	NO		NO	bb
8	8 180307M2_9	Standard	12.500	5.28	9912.861	21895.617	5.659	13.3	6.3	NO		NO	bb
9	9 180307M2_10	Standard	12.500	5.28	9141.262	20906.238	5.466	12.8	2.6	NO		NO	bb
10	10 180307M2_11	Standard	12.500	5.28	9407.660	19055.637	6.171	14.5	15.9	NO		NO	bb

**Compound name: d5-N-EtFOSAA**

Response Factor: 0.459364

RRF SD: 0.0259582, Relative SD: 5.65091

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 180307M2_2	Standard	12.500	5.44	12058.573	25186.721	5.985	13.0	4.2	NO		NO	bb
2	2 180307M2_3	Standard	12.500	5.44	11459.065	26553.359	5.394	11.7	-6.1	NO		NO	bb
3	3 180307M2_4	Standard	12.500	5.44	11394.757	26947.623	5.286	11.5	-7.9	NO		NO	bb
4	4 180307M2_5	Standard	12.500	5.44	12393.329	26626.092	5.818	12.7	1.3	NO		NO	bb
5	5 180307M2_6	Standard	12.500	5.44	11713.411	25115.025	5.830	12.7	1.5	NO		NO	bb
6	6 180307M2_7	Standard	12.500	5.44	11889.358	24000.357	6.192	13.5	7.8	NO		NO	bb
7	7 180307M2_8	Standard	12.500	5.44	11856.506	23895.506	6.202	13.5	8.0	NO		NO	bb
8	8 180307M2_9	Standard	12.500	5.44	9861.195	21895.617	5.630	12.3	-2.0	NO		NO	bb
9	9 180307M2_10	Standard	12.500	5.44	9501.135	20906.238	5.681	12.4	-1.1	NO		NO	bb
10	10 180307M2_11	Standard	12.500	5.44	8236.272	19055.637	5.403	11.8	-5.9	NO		NO	bb

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**Compound name: 13C2-PFUdA**

Response Factor: 1.0505

RRF SD: 0.113331, Relative SD: 10.7883

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 180307M2_2	Standard	12.500	5.45	30037.832	25186.721	14.908	14.2	13.5	NO		NO	bb
2	2 180307M2_3	Standard	12.500	5.45	26294.104	26553.359	12.378	11.8	-5.7	NO		NO	bb
3	3 180307M2_4	Standard	12.500	5.45	24756.488	26947.623	11.484	10.9	-12.5	NO		NO	bb
4	4 180307M2_5	Standard	12.500	5.45	23068.002	26626.092	10.830	10.3	-17.5	NO		NO	bb
5	5 180307M2_6	Standard	12.500	5.46	24229.268	25115.025	12.059	11.5	-8.2	NO		NO	bb
6	6 180307M2_7	Standard	12.500	5.45	25219.518	24000.357	13.135	12.5	0.0	NO		NO	bb
7	7 180307M2_8	Standard	12.500	5.45	26696.406	23895.506	13.965	13.3	6.4	NO		NO	bb
8	8 180307M2_9	Standard	12.500	5.45	24217.838	21895.617	13.826	13.2	5.3	NO		NO	bb
9	9 180307M2_10	Standard	12.500	5.45	25182.063	20906.238	15.057	14.3	14.7	NO		NO	bb
10	10 180307M2_11	Standard	12.500	5.46	20842.859	19055.637	13.672	13.0	4.1	NO		NO	bb

**Compound name: 13C2-PFDoA**

Response Factor: 0.826943

RRF SD: 0.147139, Relative SD: 17.7931

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 180307M2_2	Standard	12.500	5.74	17547.486	25186.721	8.709	10.5	-15.8	NO		NO	bb
2	2 180307M2_3	Standard	12.500	5.74	16548.965	26553.359	7.790	9.4	-24.6	NO		NO	bb
3	3 180307M2_4	Standard	12.500	5.74	19862.846	26947.623	9.214	11.1	-10.9	NO		NO	bb
4	4 180307M2_5	Standard	12.500	5.74	21601.850	26626.092	10.141	12.3	-1.9	NO		NO	bb
5	5 180307M2_6	Standard	12.500	5.74	19018.127	25115.025	9.466	11.4	-8.4	NO		NO	bb
6	6 180307M2_7	Standard	12.500	5.74	17534.574	24000.357	9.132	11.0	-11.7	NO		NO	bb
7	7 180307M2_8	Standard	12.500	5.74	24230.268	23895.506	12.675	15.3	22.6	NO		NO	bb
8	8 180307M2_9	Standard	12.500	5.74	18613.611	21895.617	10.626	12.9	2.8	NO		NO	bb
9	9 180307M2_10	Standard	12.500	5.74	21668.031	20906.238	12.955	15.7	25.3	NO		NO	bb
10	10 180307M2_11	Standard	12.500	5.74	19297.857	19055.637	12.659	15.3	22.5	NO		NO	bb

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**Compound name: d3-N-MeFOSA**

Response Factor: 0.107004

RRF SD: 0.0107939, Relative SD: 10.0874

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 180307M2_2	Standard	150.000	6.00	30768.123	25186.721	15.270	142.7	-4.9	NO		NO	bb
2	2 180307M2_3	Standard	150.000	6.00	30389.486	26553.359	14.306	133.7	-10.9	NO		NO	bb
3	3 180307M2_4	Standard	150.000	6.00	31820.717	26947.623	14.760	137.9	-8.0	NO		NO	bb
4	4 180307M2_5	Standard	150.000	6.00	30373.465	26626.092	14.259	133.3	-11.2	NO		NO	bb
5	5 180307M2_6	Standard	150.000	6.00	30093.824	25115.025	14.978	140.0	-6.7	NO		NO	bb
6	6 180307M2_7	Standard	150.000	6.00	31372.459	24000.357	16.340	152.7	1.8	NO		NO	bb
7	7 180307M2_8	Standard	150.000	6.01	31537.844	23895.506	16.498	154.2	2.8	NO		NO	bb
8	8 180307M2_9	Standard	150.000	6.00	30600.775	21895.617	17.470	163.3	8.8	NO		NO	bb
9	9 180307M2_10	Standard	150.000	6.01	29236.115	20906.238	17.480	163.4	8.9	NO		NO	bb
10	10 180307M2_11	Standard	150.000	6.01	29185.184	19055.637	19.145	178.9	19.3	NO		NO	bb

**Compound name: 13C2-PFTeDA**

Response Factor: 0.514058

RRF SD: 0.0660351, Relative SD: 12.8458

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 180307M2_2	Standard	12.500	6.21	11297.580	25186.721	5.607	10.9	-12.7	NO		NO	bb
2	2 180307M2_3	Standard	12.500	6.21	11380.788	26553.359	5.358	10.4	-16.6	NO		NO	bb
3	3 180307M2_4	Standard	12.500	6.21	13162.945	26947.623	6.106	11.9	-5.0	NO		NO	bb
4	4 180307M2_5	Standard	12.500	6.21	11461.404	26626.092	5.381	10.5	-16.3	NO		NO	bb
5	5 180307M2_6	Standard	12.500	6.21	14049.687	25115.025	6.993	13.6	8.8	NO		NO	bb
6	6 180307M2_7	Standard	12.500	6.21	13937.978	24000.357	7.259	14.1	13.0	NO		NO	bb
7	7 180307M2_8	Standard	12.500	6.21	13219.570	23895.506	6.915	13.5	7.6	NO		NO	bb
8	8 180307M2_9	Standard	12.500	6.21	11814.979	21895.617	6.745	13.1	5.0	NO		NO	bb
9	9 180307M2_10	Standard	12.500	6.21	12490.755	20906.238	7.468	14.5	16.2	NO		NO	bb
10	10 180307M2_11	Standard	12.500	6.21	15827.678	19055.637	10.383	20.2	61.6	NO		NO	bbX

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**Compound name: d5-N-ETFOSA**

Response Factor: 0.151722

RRF SD: 0.0102135, Relative SD: 6.73174

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 180307M2_2	Standard	150.000	6.39	44255.875	25186.721	21.964	144.8	-3.5	NO		NO	bb
2	2 180307M2_3	Standard	150.000	6.39	44830.406	26553.359	21.104	139.1	-7.3	NO		NO	bb
3	3 180307M2_4	Standard	150.000	6.39	45855.066	26947.623	21.270	140.2	-6.5	NO		NO	bb
4	4 180307M2_5	Standard	150.000	6.39	43732.859	26626.092	20.531	135.3	-9.8	NO		NO	bb
5	5 180307M2_6	Standard	150.000	6.39	44542.602	25115.025	22.169	146.1	-2.6	NO		NO	bb
6	6 180307M2_7	Standard	150.000	6.39	45395.391	24000.357	23.643	155.8	3.9	NO		NO	bb
7	7 180307M2_8	Standard	150.000	6.40	45280.316	23895.506	23.687	156.1	4.1	NO		NO	bb
8	8 180307M2_9	Standard	150.000	6.39	43678.895	21895.617	24.936	164.4	9.6	NO		NO	bb
9	9 180307M2_10	Standard	150.000	6.40	40154.391	20906.238	24.009	158.2	5.5	NO		NO	bb
10	10 180307M2_11	Standard	150.000	6.40	36998.230	19055.637	24.270	160.0	6.6	NO		NO	bb

**Compound name: 13C2-PFHxDA**

Response Factor: 1.18512

RRF SD: 0.159528, Relative SD: 13.4609

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 180307M2_2	Standard	5.000	6.54	10801.788	25186.721	5.361	4.5	-9.5	NO		NO	bb
2	2 180307M2_3	Standard	5.000	6.55	11216.739	26553.359	5.280	4.5	-10.9	NO		NO	bb
3	3 180307M2_4	Standard	5.000	6.54	11515.291	26947.623	5.342	4.5	-9.9	NO		NO	bb
4	4 180307M2_5	Standard	5.000	6.54	10918.620	26626.092	5.126	4.3	-13.5	NO		NO	bb
5	5 180307M2_6	Standard	5.000	6.54	11435.668	25115.025	5.692	4.8	-3.9	NO		NO	bb
6	6 180307M2_7	Standard	5.000	6.54	10860.959	24000.357	5.657	4.8	-4.5	NO		NO	bb
7	7 180307M2_8	Standard	5.000	6.55	12167.464	23895.506	6.365	5.4	7.4	NO		NO	bb
8	8 180307M2_9	Standard	5.000	6.54	10855.087	21895.617	6.197	5.2	4.6	NO		NO	bb
9	9 180307M2_10	Standard	5.000	6.54	10868.327	20906.238	6.498	5.5	9.7	NO		NO	bb
10	10 180307M2_11	Standard	5.000	6.55	11797.684	19055.637	7.739	6.5	30.6	NO		NO	bb



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**Compound name: d7-N-MeFOSE**

Response Factor: 0.122728

RRF SD: 0.0161058, Relative SD: 13.1231

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 180307M2_2	Standard	150.000	6.50	39005.652	25186.721	19.358	157.7	5.2	NO		NO	bb
2	2 180307M2_3	Standard	150.000	6.50	39490.063	26553.359	18.590	151.5	1.0	NO		NO	bd
3	3 180307M2_4	Standard	150.000	6.50	34824.887	26947.623	16.154	131.6	-12.3	NO		NO	bb
4	4 180307M2_5	Standard	150.000	6.50	34182.180	26626.092	16.047	130.8	-12.8	NO		NO	bd
5	5 180307M2_6	Standard	150.000	6.50	34105.039	25115.025	16.974	138.3	-7.8	NO		NO	bd
6	6 180307M2_7	Standard	150.000	6.50	28439.365	24000.357	14.812	120.7	-19.5	NO		NO	bb
7	7 180307M2_8	Standard	150.000	6.50	36806.313	23895.506	19.254	156.9	4.6	NO		NO	MM
8	8 180307M2_9	Standard	150.000	6.50	36876.336	21895.617	21.052	171.5	14.4	NO		NO	bd
9	9 180307M2_10	Standard	150.000	6.50	32206.184	20906.238	19.256	156.9	4.6	NO		NO	bb
10	10 180307M2_11	Standard	150.000	6.50	34443.641	19055.637	22.594	184.1	22.7	NO		NO	MM

**Compound name: d9-N-EtFOSE**

Response Factor: 0.108724

RRF SD: 0.0119411, Relative SD: 10.983

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 180307M2_2	Standard	150.000	6.64	27959.480	25186.721	13.876	127.6	-14.9	NO		NO	MM
2	2 180307M2_3	Standard	150.000	6.64	30961.068	26553.359	14.575	134.1	-10.6	NO		NO	bb
3	3 180307M2_4	Standard	150.000	6.64	31684.873	26947.623	14.697	135.2	-9.9	NO		NO	bb
4	4 180307M2_5	Standard	150.000	6.64	30144.691	26626.092	14.152	130.2	-13.2	NO		NO	bb
5	5 180307M2_6	Standard	150.000	6.64	35730.820	25115.025	17.784	163.6	9.0	NO		NO	bb
6	6 180307M2_7	Standard	150.000	6.64	33125.031	24000.357	17.252	158.7	5.8	NO		NO	bb
7	7 180307M2_8	Standard	150.000	6.64	31586.967	23895.506	16.523	152.0	1.3	NO		NO	bb
8	8 180307M2_9	Standard	150.000	6.64	30980.855	21895.617	17.687	162.7	8.5	NO		NO	bb
9	9 180307M2_10	Standard	150.000	6.64	30525.061	20906.238	18.251	167.9	11.9	NO		NO	bb
10	10 180307M2_11	Standard	150.000	6.64	27879.660	19055.637	18.288	168.2	12.1	NO		NO	bb

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**Compound name: 13C4-PFBA**

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std ( Ref 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 180307M2_2	Standard	12.500	1.45	9062.441	9062.441	12.500	12.5	0.0	NO		NO	MM
2	2 180307M2_3	Standard	12.500	1.44	8627.546	8627.546	12.500	12.5	0.0	NO		NO	MM
3	3 180307M2_4	Standard	12.500	1.45	8948.503	8948.503	12.500	12.5	0.0	NO		NO	MM
4	4 180307M2_5	Standard	12.500	1.45	8735.587	8735.587	12.500	12.5	0.0	NO		NO	MM
5	5 180307M2_6	Standard	12.500	1.45	7728.950	7728.950	12.500	12.5	0.0	NO		NO	MM
6	6 180307M2_7	Standard	12.500	1.45	8470.948	8470.948	12.500	12.5	0.0	NO		NO	MM
7	7 180307M2_8	Standard	12.500	1.45	8875.496	8875.496	12.500	12.5	0.0	NO		NO	MM
8	8 180307M2_9	Standard	12.500	1.45	8922.502	8922.502	12.500	12.5	0.0	NO		NO	MM
9	9 180307M2_10	Standard	12.500	1.45	8963.981	8963.981	12.500	12.5	0.0	NO		NO	MM
10	10 180307M2_11	Standard	12.500	1.45	8639.723	8639.723	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 180307M2_2	Standard	12.500	3.18	23076.850	23076.850	12.500	12.5	0.0	NO		NO	bb
2	2 180307M2_3	Standard	12.500	3.18	24302.049	24302.049	12.500	12.5	0.0	NO		NO	bb
3	3 180307M2_4	Standard	12.500	3.18	24684.100	24684.100	12.500	12.5	0.0	NO		NO	bb
4	4 180307M2_5	Standard	12.500	3.18	21521.941	21521.941	12.500	12.5	0.0	NO		NO	bb
5	5 180307M2_6	Standard	12.500	3.18	22951.992	22951.992	12.500	12.5	0.0	NO		NO	bb
6	6 180307M2_7	Standard	12.500	3.18	24156.400	24156.400	12.500	12.5	0.0	NO		NO	bb
7	7 180307M2_8	Standard	12.500	3.18	23600.490	23600.490	12.500	12.5	0.0	NO		NO	bb
8	8 180307M2_9	Standard	12.500	3.18	23221.486	23221.486	12.500	12.5	0.0	NO		NO	bb
9	9 180307M2_10	Standard	12.500	3.18	21526.828	21526.828	12.500	12.5	0.0	NO		NO	bb
10	10 180307M2_11	Standard	12.500	3.18	21291.395	21291.395	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 180307M2_2	Standard	12.500	3.94	4448.016	4448.016	12.500	12.5	0.0	NO		NO	bb
2	2 180307M2_3	Standard	12.500	3.94	4579.724	4579.724	12.500	12.5	0.0	NO		NO	bb
3	3 180307M2_4	Standard	12.500	3.94	4681.238	4681.238	12.500	12.5	0.0	NO		NO	bb
4	4 180307M2_5	Standard	12.500	3.94	4725.152	4725.152	12.500	12.5	0.0	NO		NO	bb
5	5 180307M2_6	Standard	12.500	3.94	4135.252	4135.252	12.500	12.5	0.0	NO		NO	bb
6	6 180307M2_7	Standard	12.500	3.94	4339.483	4339.483	12.500	12.5	0.0	NO		NO	bb
7	7 180307M2_8	Standard	12.500	3.94	4634.477	4634.477	12.500	12.5	0.0	NO		NO	bb
8	8 180307M2_9	Standard	12.500	3.94	4463.807	4463.807	12.500	12.5	0.0	NO		NO	bb
9	9 180307M2_10	Standard	12.500	3.94	3807.330	3807.330	12.500	12.5	0.0	NO		NO	bb
10	10 180307M2_11	Standard	12.500	3.95	4218.540	4218.540	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 180307M2_2	Standard	12.500	4.32	22206.615	22206.615	12.500	12.5	0.0	NO		NO	bb
2	2 180307M2_3	Standard	12.500	4.32	20696.357	20696.357	12.500	12.5	0.0	NO		NO	bb
3	3 180307M2_4	Standard	12.500	4.32	21779.225	21779.225	12.500	12.5	0.0	NO		NO	bb
4	4 180307M2_5	Standard	12.500	4.32	23824.783	23824.783	12.500	12.5	0.0	NO		NO	bb
5	5 180307M2_6	Standard	12.500	4.32	22403.834	22403.834	12.500	12.5	0.0	NO		NO	bb
6	6 180307M2_7	Standard	12.500	4.32	23722.352	23722.352	12.500	12.5	0.0	NO		NO	bb
7	7 180307M2_8	Standard	12.500	4.32	21756.781	21756.781	12.500	12.5	0.0	NO		NO	bb
8	8 180307M2_9	Standard	12.500	4.32	19888.748	19888.748	12.500	12.5	0.0	NO		NO	bb
9	9 180307M2_10	Standard	12.500	4.32	19909.219	19909.219	12.500	12.5	0.0	NO		NO	bb
10	10 180307M2_11	Standard	12.500	4.32	19782.818	19782.818	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 180307M2_2	Standard	12.500	4.75	23161.539	23161.539	12.500	12.5	0.0	NO		NO	bb
2	2 180307M2_3	Standard	12.500	4.75	21637.518	21637.518	12.500	12.5	0.0	NO		NO	bb
3	3 180307M2_4	Standard	12.500	4.75	23381.383	23381.383	12.500	12.5	0.0	NO		NO	bb
4	4 180307M2_5	Standard	12.500	4.75	21737.277	21737.277	12.500	12.5	0.0	NO		NO	bb
5	5 180307M2_6	Standard	12.500	4.75	24019.645	24019.645	12.500	12.5	0.0	NO		NO	bb
6	6 180307M2_7	Standard	12.500	4.75	25631.992	25631.992	12.500	12.5	0.0	NO		NO	bb
7	7 180307M2_8	Standard	12.500	4.75	18862.090	18862.090	12.500	12.5	0.0	NO		NO	bb
8	8 180307M2_9	Standard	12.500	4.75	22255.164	22255.164	12.500	12.5	0.0	NO		NO	bb
9	9 180307M2_10	Standard	12.500	4.75	21658.967	21658.967	12.500	12.5	0.0	NO		NO	bb
10	10 180307M2_11	Standard	12.500	4.76	18445.502	18445.502	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 180307M2_2	Standard	12.500	4.84	5252.366	5252.366	12.500	12.5	0.0	NO		NO	bb
2	2 180307M2_3	Standard	12.500	4.84	3739.244	3739.244	12.500	12.5	0.0	NO		NO	bb
3	3 180307M2_4	Standard	12.500	4.84	5187.149	5187.149	12.500	12.5	0.0	NO		NO	bb
4	4 180307M2_5	Standard	12.500	4.84	3808.477	3808.477	12.500	12.5	0.0	NO		NO	bb
5	5 180307M2_6	Standard	12.500	4.84	4227.732	4227.732	12.500	12.5	0.0	NO		NO	bb
6	6 180307M2_7	Standard	12.500	4.84	5482.837	5482.837	12.500	12.5	0.0	NO		NO	bb
7	7 180307M2_8	Standard	12.500	4.84	4457.155	4457.155	12.500	12.5	0.0	NO		NO	bb
8	8 180307M2_9	Standard	12.500	4.84	5155.414	5155.414	12.500	12.5	0.0	NO		NO	bb
9	9 180307M2_10	Standard	12.500	4.84	4256.406	4256.406	12.500	12.5	0.0	NO		NO	bb
10	10 180307M2_11	Standard	12.500	4.84	4688.766	4688.766	12.500	12.5	0.0	NO		NO	bb

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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 180307M2_2	Standard	12.500	5.13	23520.055	23520.055	12.500	12.5	0.0	NO		NO	bb
2	2 180307M2_3	Standard	12.500	5.13	20035.156	20035.156	12.500	12.5	0.0	NO		NO	bb
3	3 180307M2_4	Standard	12.500	5.13	21317.910	21317.910	12.500	12.5	0.0	NO		NO	bb
4	4 180307M2_5	Standard	12.500	5.13	20224.252	20224.252	12.500	12.5	0.0	NO		NO	bb
5	5 180307M2_6	Standard	12.500	5.13	22113.408	22113.408	12.500	12.5	0.0	NO		NO	bb
6	6 180307M2_7	Standard	12.500	5.13	23412.016	23412.016	12.500	12.5	0.0	NO		NO	bb
7	7 180307M2_8	Standard	12.500	5.13	17212.568	17212.568	12.500	12.5	0.0	NO		NO	bb
8	8 180307M2_9	Standard	12.500	5.13	25327.857	25327.857	12.500	12.5	0.0	NO		NO	bb
9	9 180307M2_10	Standard	12.500	5.13	22588.873	22588.873	12.500	12.5	0.0	NO		NO	bb
10	10 180307M2_11	Standard	12.500	5.13	20190.395	20190.395	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 180307M2_2	Standard	12.500	5.45	25186.721	25186.721	12.500	12.5	0.0	NO		NO	bb
2	2 180307M2_3	Standard	12.500	5.45	26553.359	26553.359	12.500	12.5	0.0	NO		NO	bb
3	3 180307M2_4	Standard	12.500	5.45	26947.623	26947.623	12.500	12.5	0.0	NO		NO	bb
4	4 180307M2_5	Standard	12.500	5.45	26626.092	26626.092	12.500	12.5	0.0	NO		NO	bb
5	5 180307M2_6	Standard	12.500	5.45	25115.025	25115.025	12.500	12.5	0.0	NO		NO	bb
6	6 180307M2_7	Standard	12.500	5.45	24000.357	24000.357	12.500	12.5	0.0	NO		NO	bb
7	7 180307M2_8	Standard	12.500	5.45	23895.506	23895.506	12.500	12.5	0.0	NO		NO	bb
8	8 180307M2_9	Standard	12.500	5.45	21895.617	21895.617	12.500	12.5	0.0	NO		NO	bb
9	9 180307M2_10	Standard	12.500	5.45	20906.238	20906.238	12.500	12.5	0.0	NO		NO	bb
10	10 180307M2_11	Standard	12.500	5.46	19055.637	19055.637	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 12:43:20 Pacific Standard Time

Printed: Friday, March 09, 2018 12:46:09 Pacific Standard Time

Ⓚ Not used.

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 08 Mar 2018 15:11:54

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 12:43:20

Name: 180307M2\_2, Date: 08-Mar-2018, Time: 07:41:47, ID: ST180307M2-1 PFC CS-2 18B2813, Description: PFC CS-2 18B2813

#	Name	IS#	CoD	CoD Flag	%RSD
1	1 PFBA	34	0.9981	NO	
2	2 PFPeA	35	0.9994	NO	
3	3 PFBS	36	0.9983	NO	
4	4 4:2 FTS	36	0.9987	NO	
5	5 PFHxA	37	0.9997	NO	
6	6 PFPeS	36	0.9938	NO	
7	7 PFHpA	38	0.9997	NO	
8	8 L-PFHxS	39	0.9963	NO	
9	10 6:2 FTS	40	0.9941	NO	
10	11 L-PFOA	41	0.9965	NO	
11	13 PFHpS	41	0.9996	NO	
12	14 PFNA	42	0.9990	NO	
13	15 PFOSA	43	0.9985	NO	
14	16 L-PFOS	44	0.9972	NO	
15	18 PFDA	45	0.9984	NO	
16	19 8:2 FTS	46	0.9926	NO	
17	20 PFNS	44	0.9977	NO	
18	21 N-MeFOSAA	47	0.9986	NO	
19	22 N-EtFOSAA	48	0.9984	NO	
20	23 PFUdA	49	0.9997	NO	
21	24 PFDS	49	0.9982	NO	
22	25 PFDaA	50	0.9750	YES Ⓚ	
23	26 N-MeFOSA	51	0.9999	NO	
24	27 PFTrDA	50	0.9925	NO	
25	28 PFTeDA	52	0.9985	NO	
26	29 N-EtFOSA	53	0.9999	NO	
27	30 PFHxDA	54	0.9969	NO	
28	31 PFODA	54	0.9993	NO	
29	32 N-MeFOSE	55	0.9987	NO	
30	33 N-EtFOSE	56	0.9943	NO	
31	34 13C3-PFBA	57		NO	4.414

Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 12:43:20 Pacific Standard Time

Printed: Friday, March 09, 2018 12:46:09 Pacific Standard Time

Name: 180307M2\_2, Date: 08-Mar-2018, Time: 07:41:47, ID: ST180307M2-1 PFC CS-2 18B2813, Description: PFC CS-2 18B2813

	# Name	IS#	CoD	CoD Flag	%RSD
32	35 13C3-PFPeA	58		NO	4.543
33	36 13C3-PFBS	58		NO	4.661
34	37 13C2-PFHxA	58		NO	5.056
35	38 13C4-PFHpA	58		NO	5.964
36	39 18O2-PFHxS	59		NO	9.195
37	40 13C2-6:2 FTS	60		NO	17.237
38	41 13C2-PFOA	60		NO	6.962
39	42 13C5-PFNA	61		NO	6.920
40	43 13C8-PFOA	64		NO	3.940
41	44 13C8-PFOS	62		NO	19.898
42	45 13C2-PFDA	63		NO	16.553
43	46 13C2-8:2 FTS	58		NO	13.819
44	47 d3-N-MeFOSAA	64		NO	9.075
45	48 d5-N-EtFOSAA	64		NO	5.651
46	49 13C2-PFUdA	64		NO	10.788
47	50 13C2-PFDoA	64		NO	17.793
48	51 d3-N-MeFOSA	64		NO	10.087
49	52 13C2-PFTeDA	64		NO	12.846
50	53 d5-N-ETFOSA	64		NO	6.732
51	54 13C2-PFHxDA	64		NO	13.461
52	55 d7-N-MeFOSE	64		NO	13.112
53	56 d9-N-EtFOSE	64		NO	10.983
54	57 13C4-PFBA	57		NO	0.000
55	58 13C5-PFHxA	58		NO	0.000
56	59 13C3-PFHxS	59		NO	0.000
57	60 13C8-PFOA	60		NO	0.000
58	61 13C9-PFNA	61		NO	0.000
59	62 13C4-PFOS	62		NO	0.000
60	63 13C6-PFDA	63		NO	0.000
61	64 13C7-PFUdA	64		NO	0.000

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Friday, March 09, 2018 10:59:01 Pacific Standard Time

Printed: Friday, March 09, 2018 10:59:04 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 08 Mar 2018 15:11:54

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 10:23:40

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180307M2_1	IPA	08-Mar-18	07:30:22
2	180307M2_2	ST180307M2-1 PFC CS-2 18B2813	08-Mar-18	07:41:47
3	180307M2_3	ST180307M1-2 PFC CS-1 18B2814	08-Mar-18	07:53:13
4	180307M2_4	ST180307M1-3 PFC CS0 18B2815	08-Mar-18	08:04:42
5	180307M2_5	ST180307M1-4 PFC CS1 18B2816	08-Mar-18	08:16:12
6	180307M2_6	ST180307M1-5 PFC CS2 18B2817	08-Mar-18	08:27:42
7	180307M2_7	ST180307M1-6 PFC CS3 18B2818	08-Mar-18	08:39:12
8	180307M2_8	ST180307M1-7 PFC CS4 18B2819	08-Mar-18	08:50:42
9	180307M2_9	ST180307M1-8 PFC CS5 18B2820	08-Mar-18	09:02:11
10	180307M2_10	ST180307M1-9 PFC CS6 18B2821	08-Mar-18	09:13:38
11	180307M2_11	ST180307M1-10 PFC CS7 18B2822	08-Mar-18	09:25:07
12	180307M2_12	IPA	08-Mar-18	09:36:36
13	180307M2_13	ICV180307M1-1 PFC ICV 18B2812	08-Mar-18	09:48:06
14	180307M2_14	IPA	08-Mar-18	09:59:36



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 08 Mar 2018 15:11:54

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 10:23:40

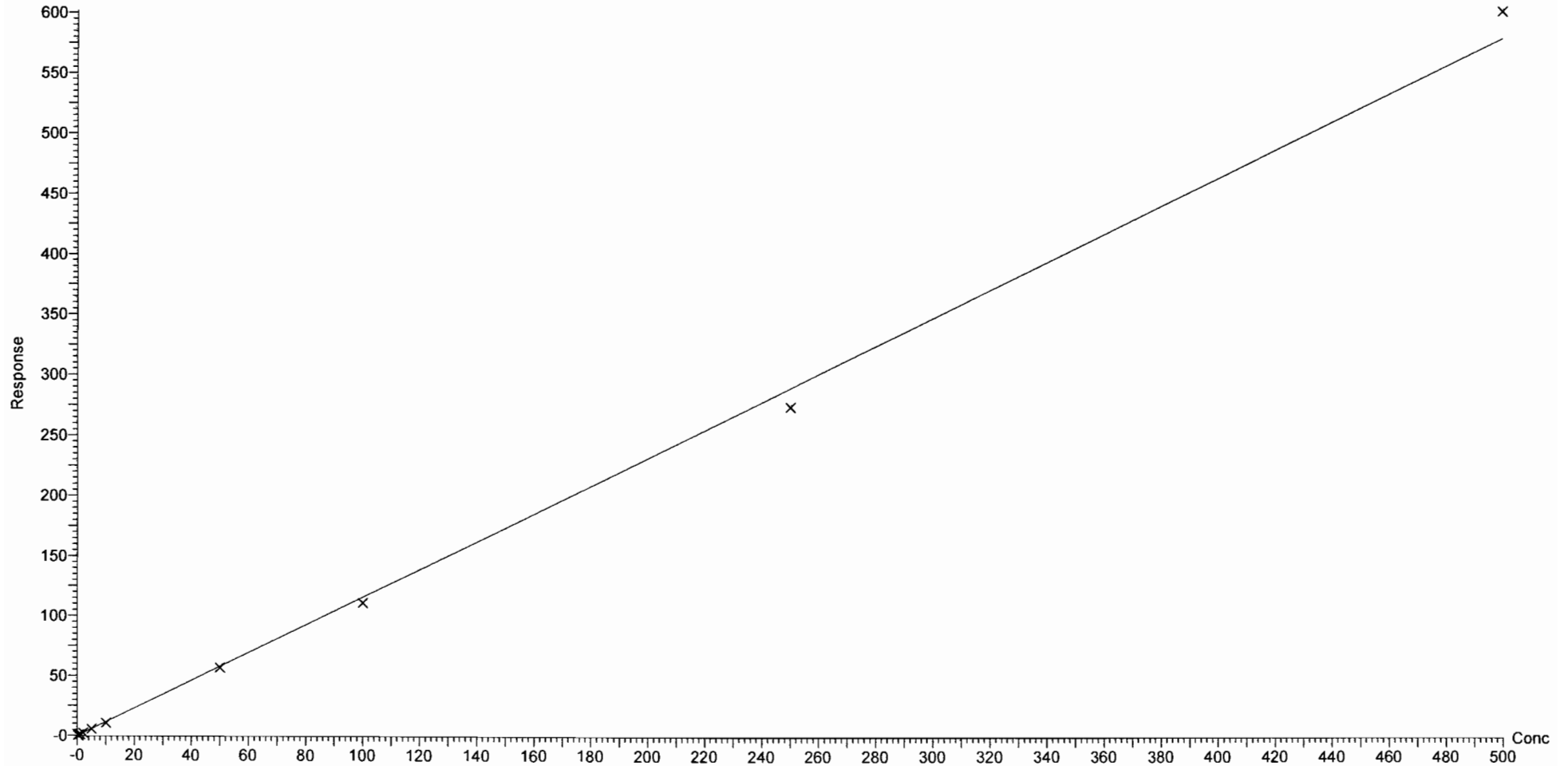
Compound name: PFBA

Correlation coefficient:  $r = 0.999050$ ,  $r^2 = 0.998102$

Calibration curve:  $1.15862 * x + -0.0583481$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

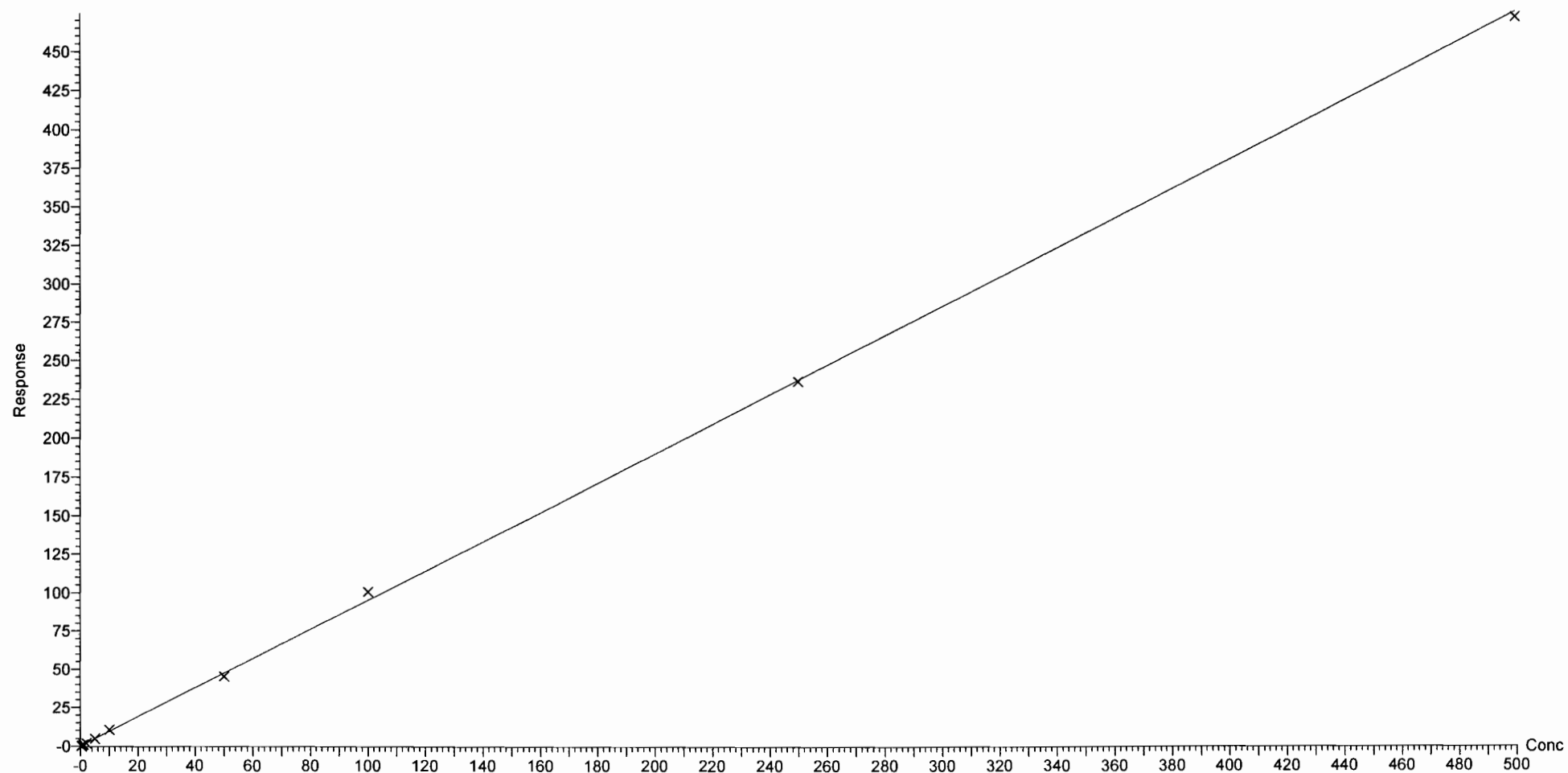
Compound name: PFPeA

Correlation coefficient:  $r = 0.999689$ ,  $r^2 = 0.999379$

Calibration curve:  $0.949226 * x + 0.00601281$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

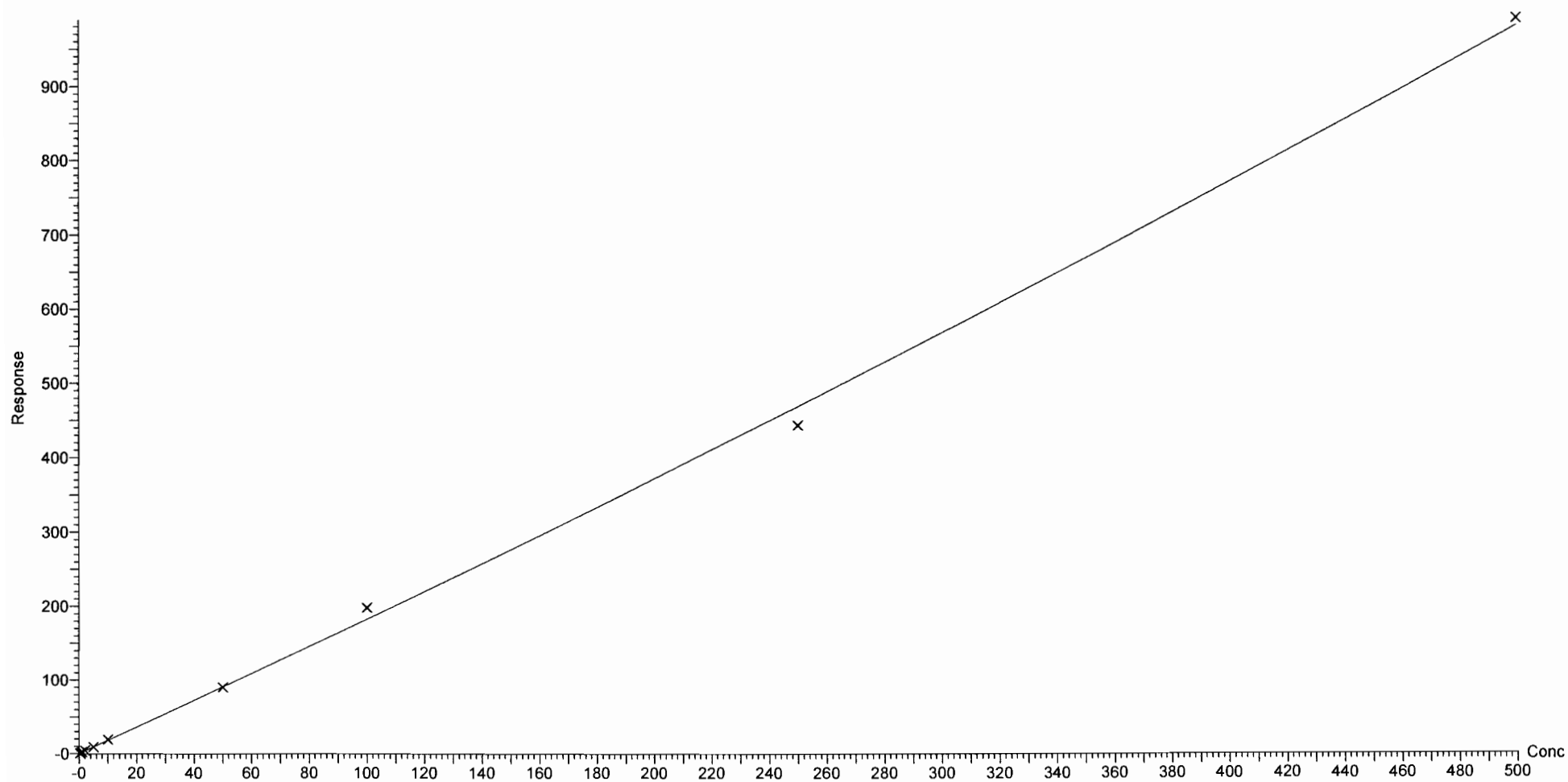
Compound name: PFBS

Coefficient of Determination:  $R^2 = 0.998340$

Calibration curve:  $0.000332361 * x^2 + 1.79088 * x + 0.0363158$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

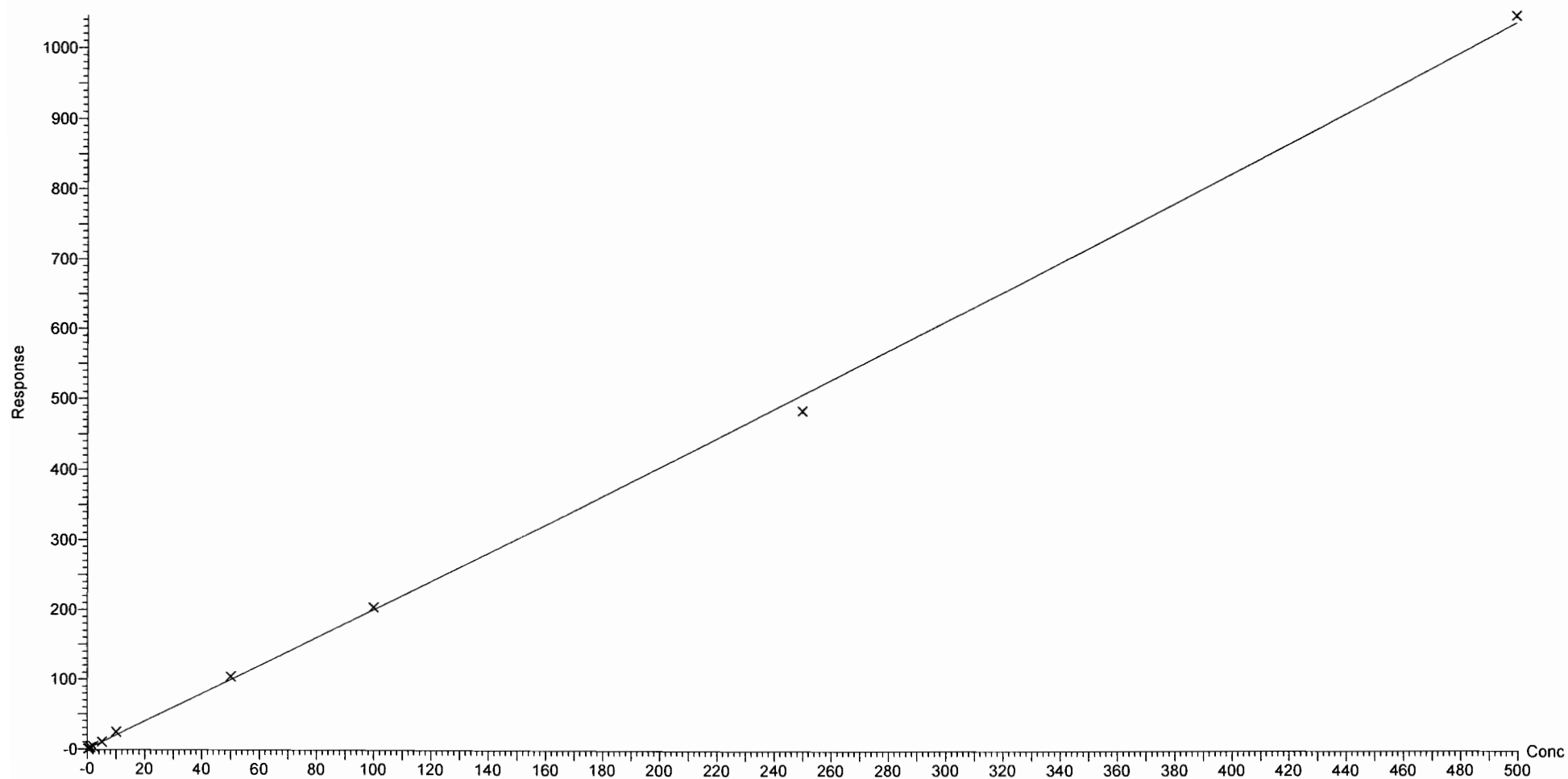
Compound name: 4:2 FTS

Coefficient of Determination:  $R^2 = 0.998654$

Calibration curve:  $0.000169778 * x^2 + 1.98606 * x + 0.254005$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

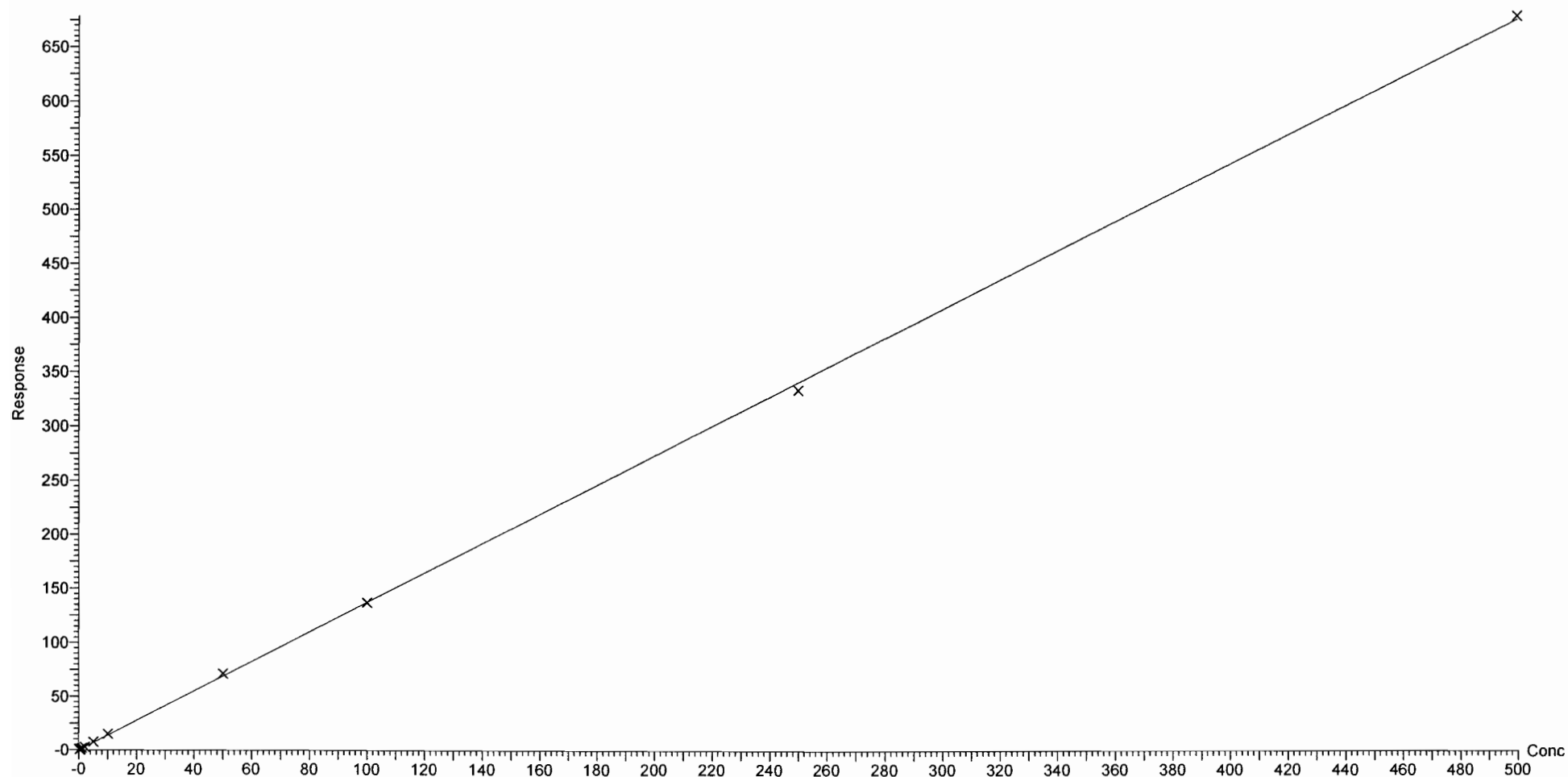
Compound name: PFHxA

Coefficient of Determination:  $R^2 = 0.999678$

Calibration curve:  $-5.371e-005 * x^2 + 1.37685 * x + 0.0265598$

Response type: Internal Std ( Ref 37 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

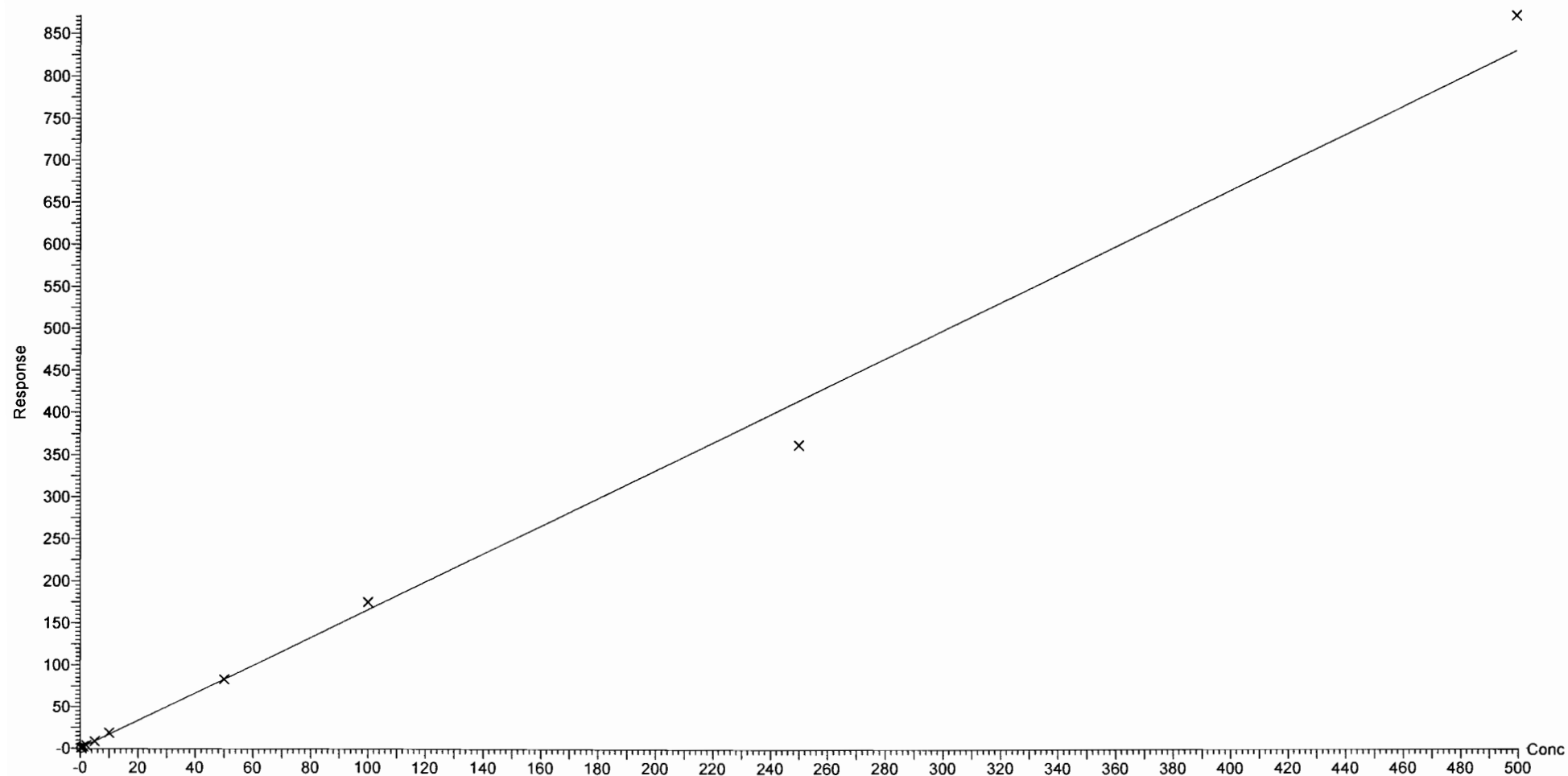
Compound name: PFPeS

Correlation coefficient:  $r = 0.996891$ ,  $r^2 = 0.993791$

Calibration curve:  $1.65905 * x + 0.220064$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

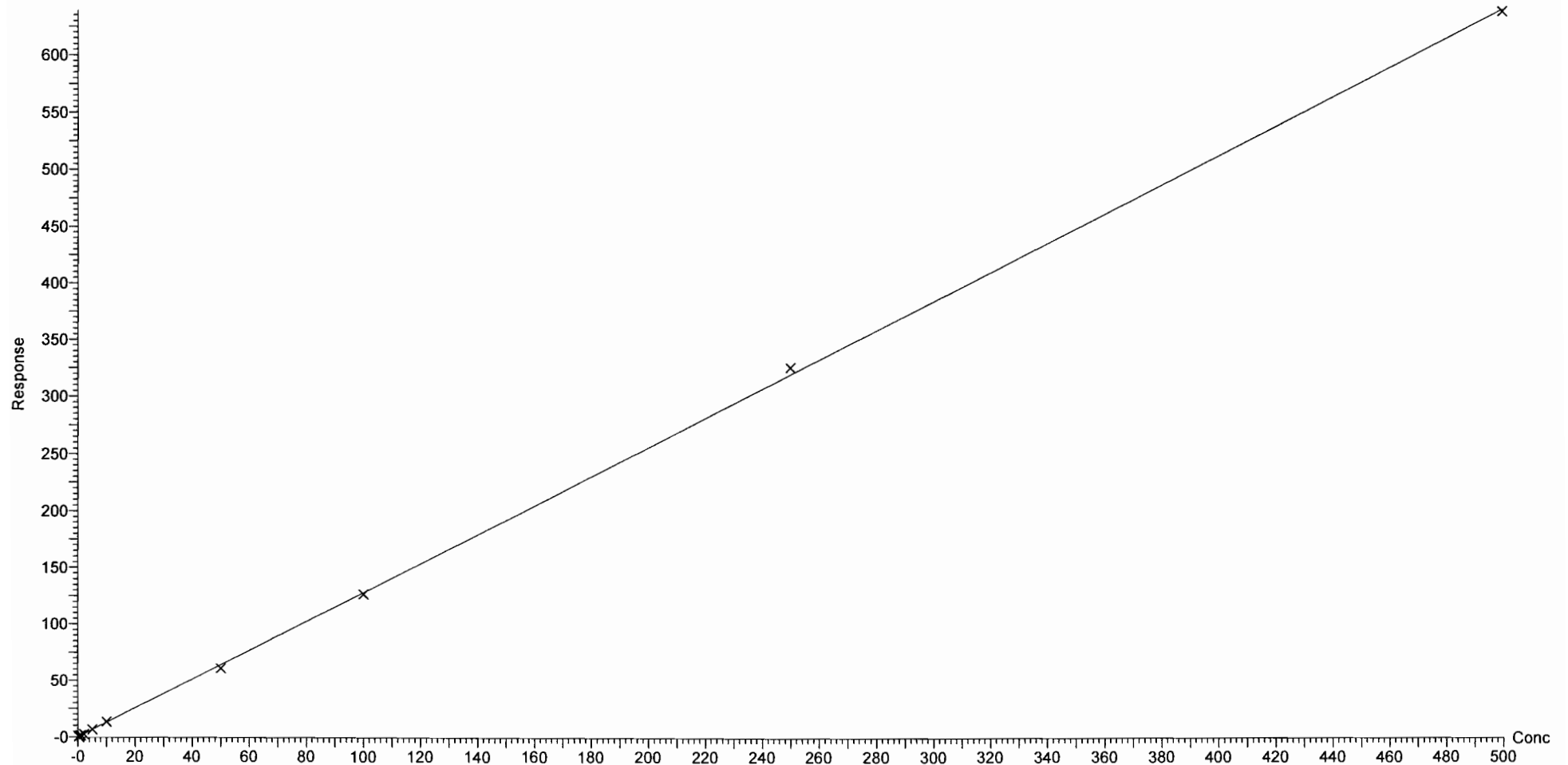
Compound name: PFHpA

Correlation coefficient:  $r = 0.999854$ ,  $r^2 = 0.999708$

Calibration curve:  $1.2779 * x + 0.00645768$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

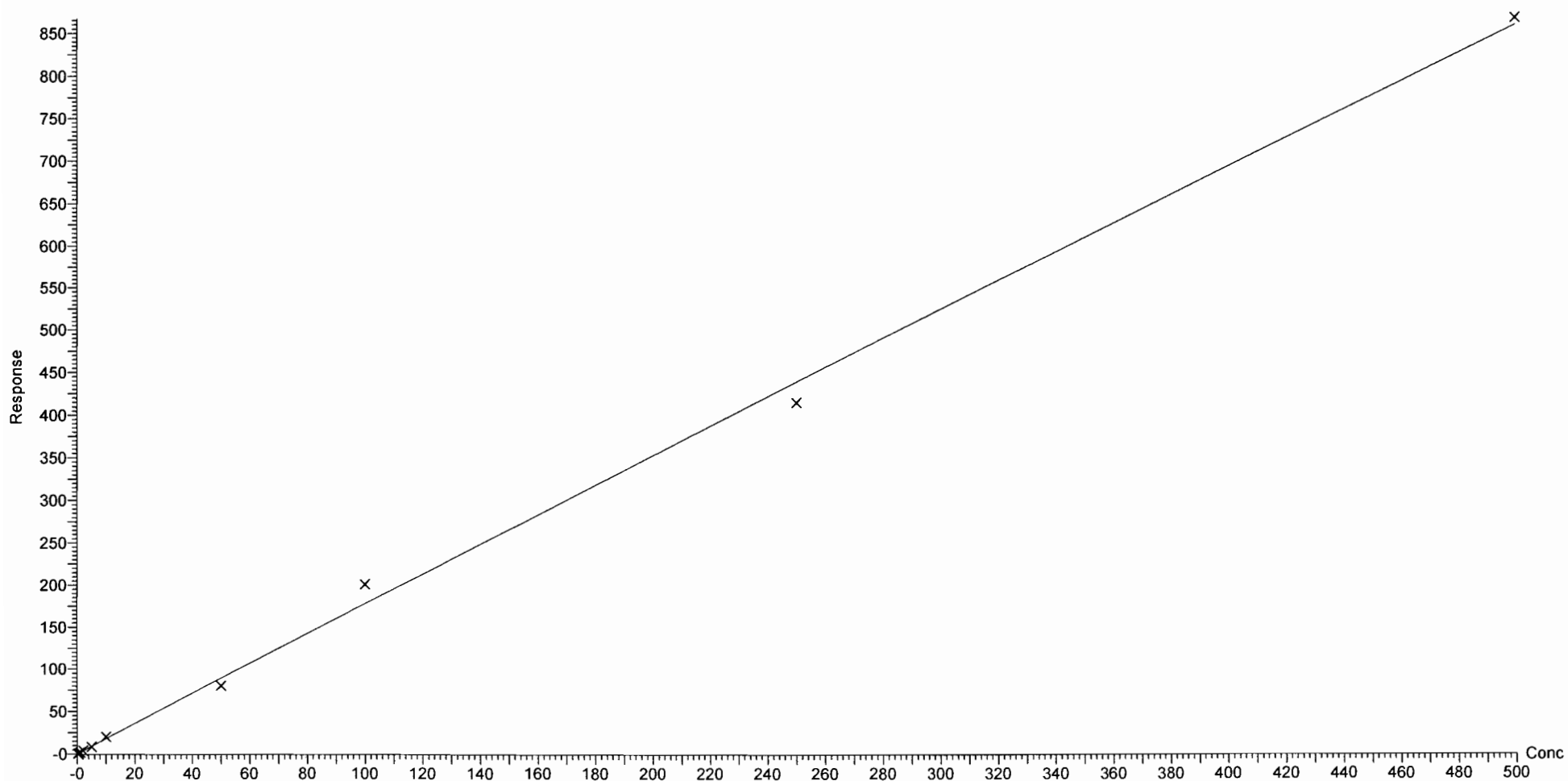
Compound name: L-PFHxS

Coefficient of Determination:  $R^2 = 0.996322$

Calibration curve:  $-0.000158898 * x^2 + 1.79614 * x + -0.018227$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

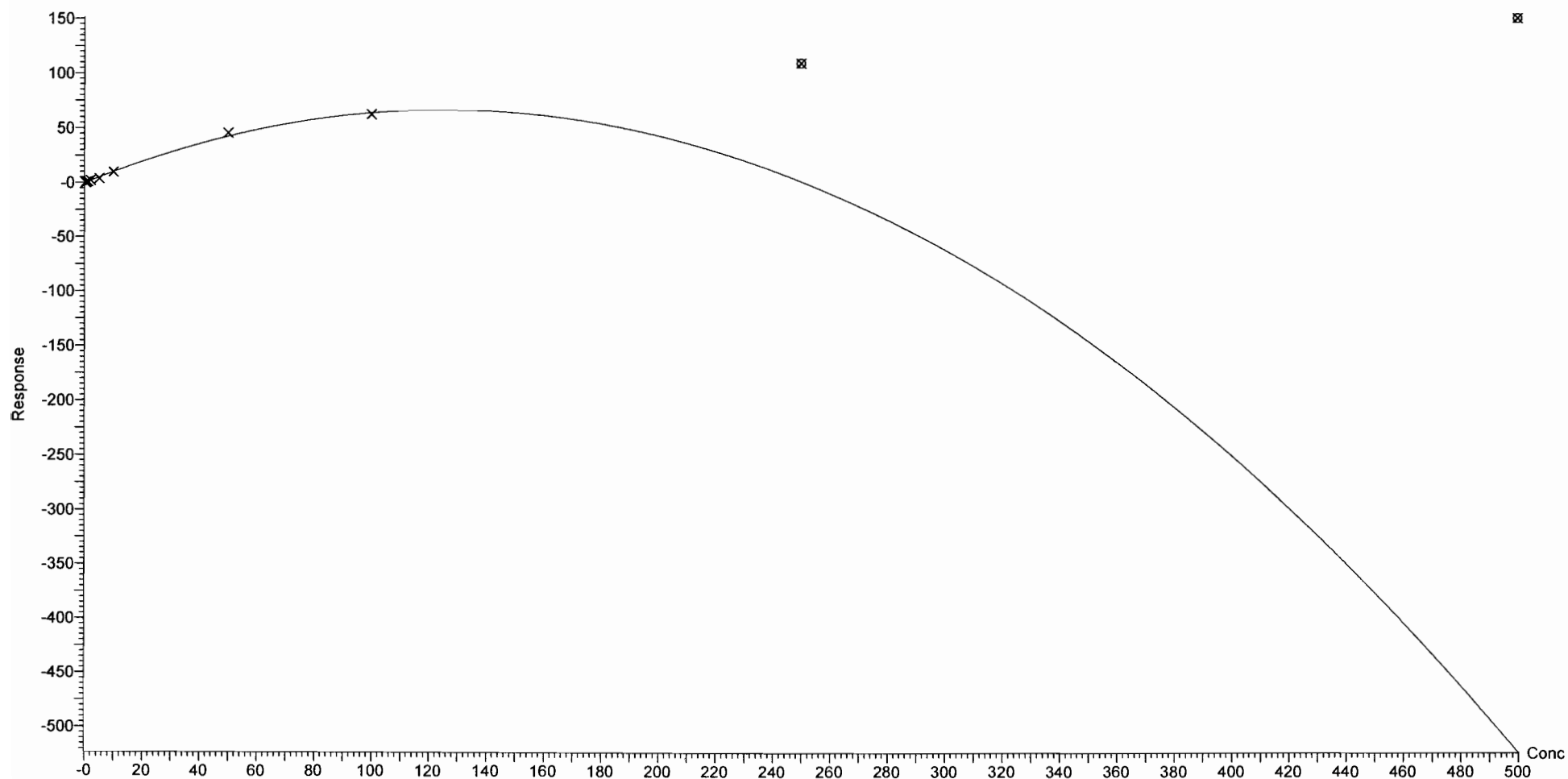
Compound name: 6:2 FTS

Coefficient of Determination:  $R^2 = 0.994141$

Calibration curve:  $-0.0042186 * x^2 + 1.06359 * x + -0.0620198$

Response type: Internal Std ( Ref 40 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

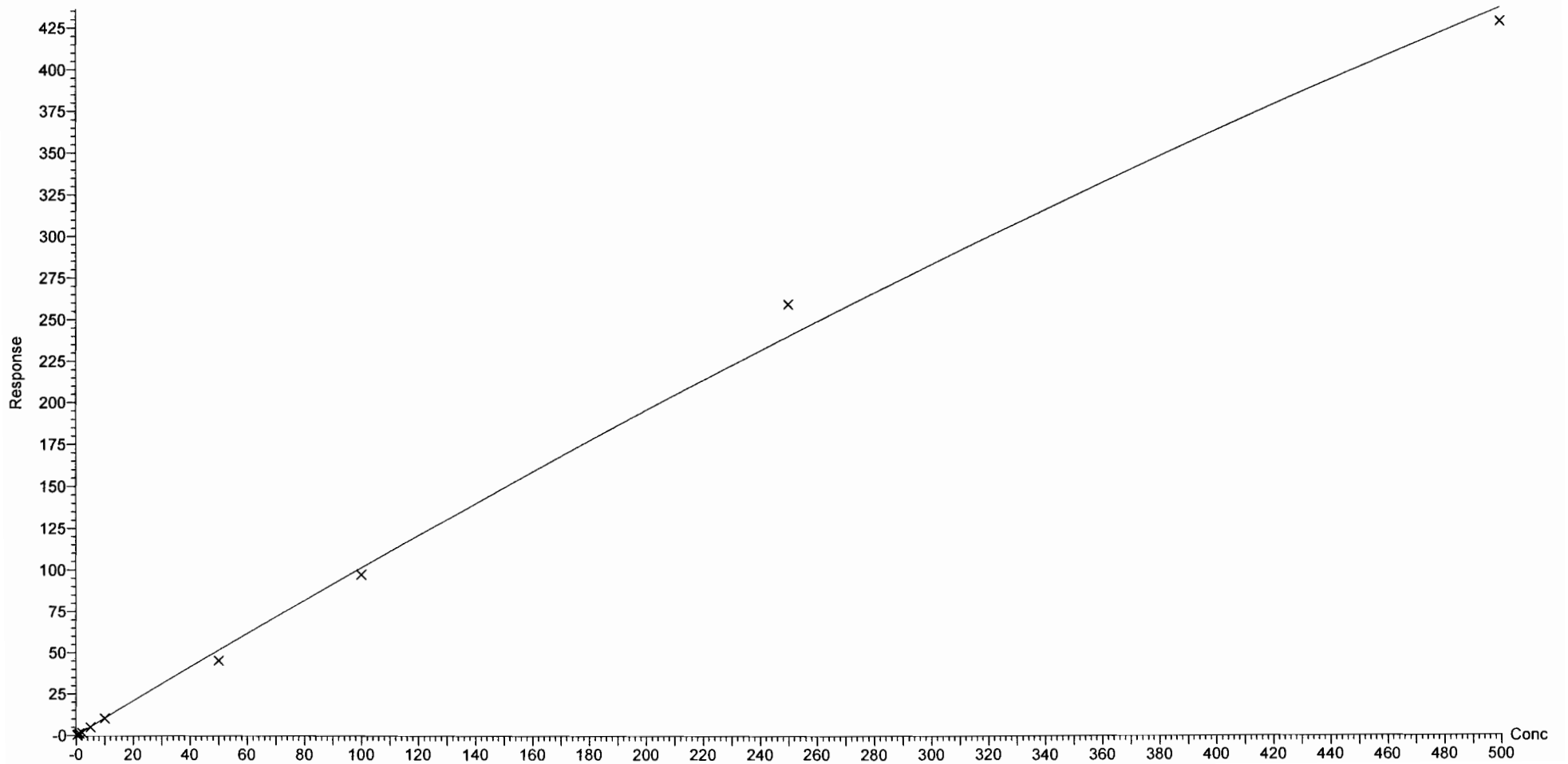
Compound name: L-PFOA

Coefficient of Determination:  $R^2 = 0.996532$

Calibration curve:  $-0.000351037 * x^2 + 1.0477 * x + 0.0245039$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

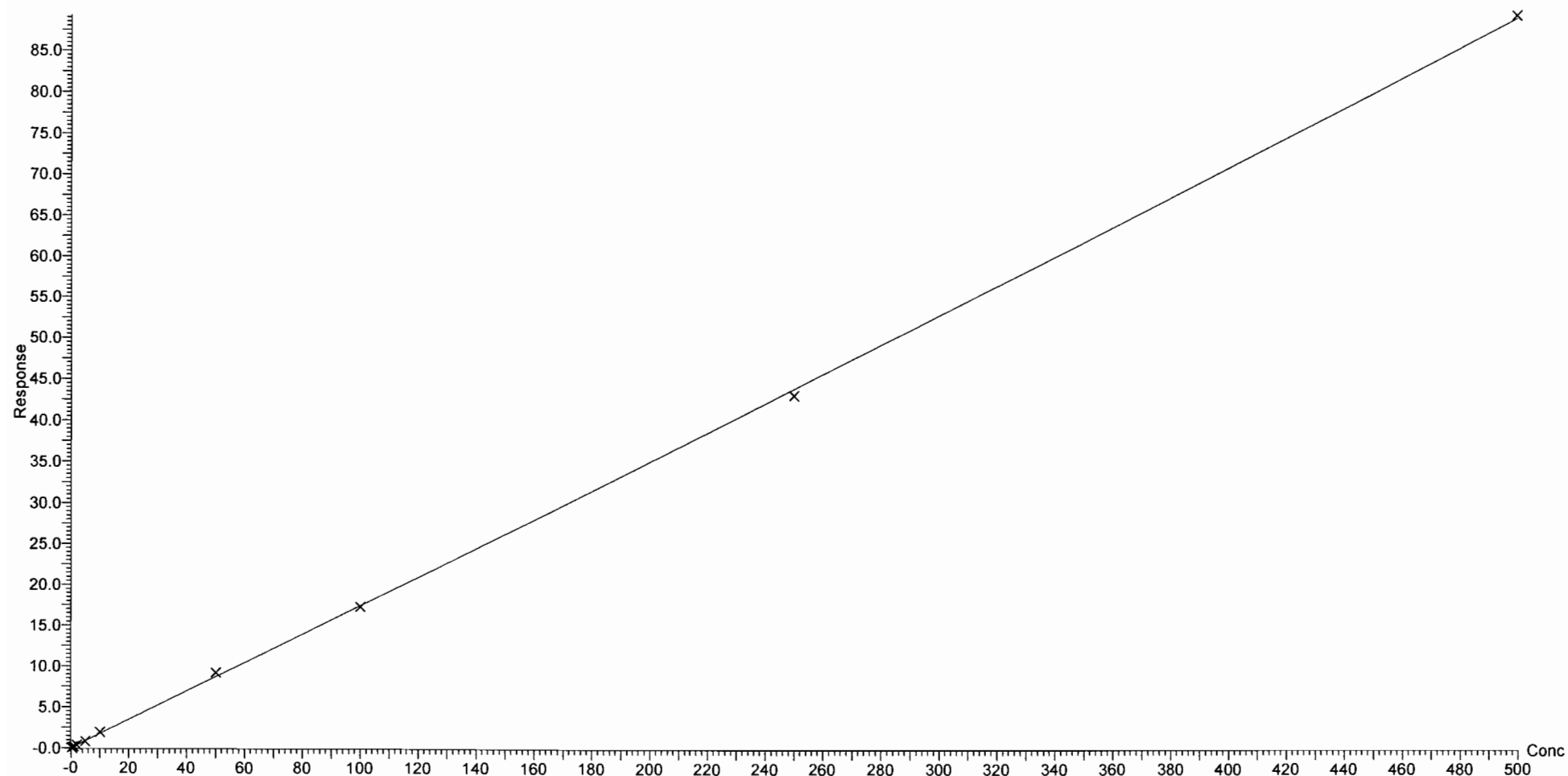
Compound name: PFHpS

Coefficient of Determination:  $R^2 = 0.999570$

Calibration curve:  $9.09295e-006 * x^2 + 0.173194 * x + 0.0304659$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

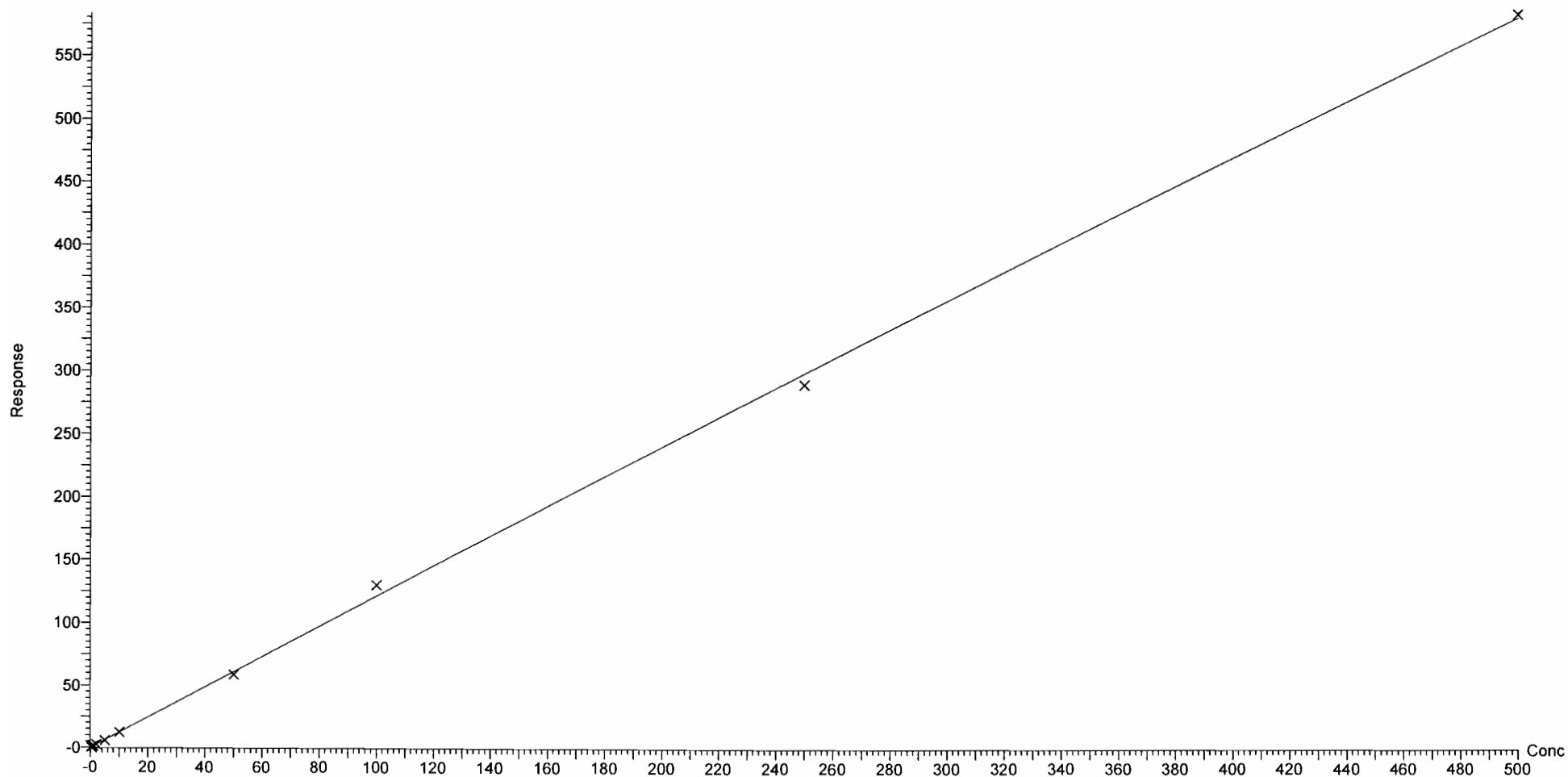
Compound name: PFNA

Coefficient of Determination:  $R^2 = 0.998996$

Calibration curve:  $-0.000139312 * x^2 + 1.22999 * x + -0.0892813$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

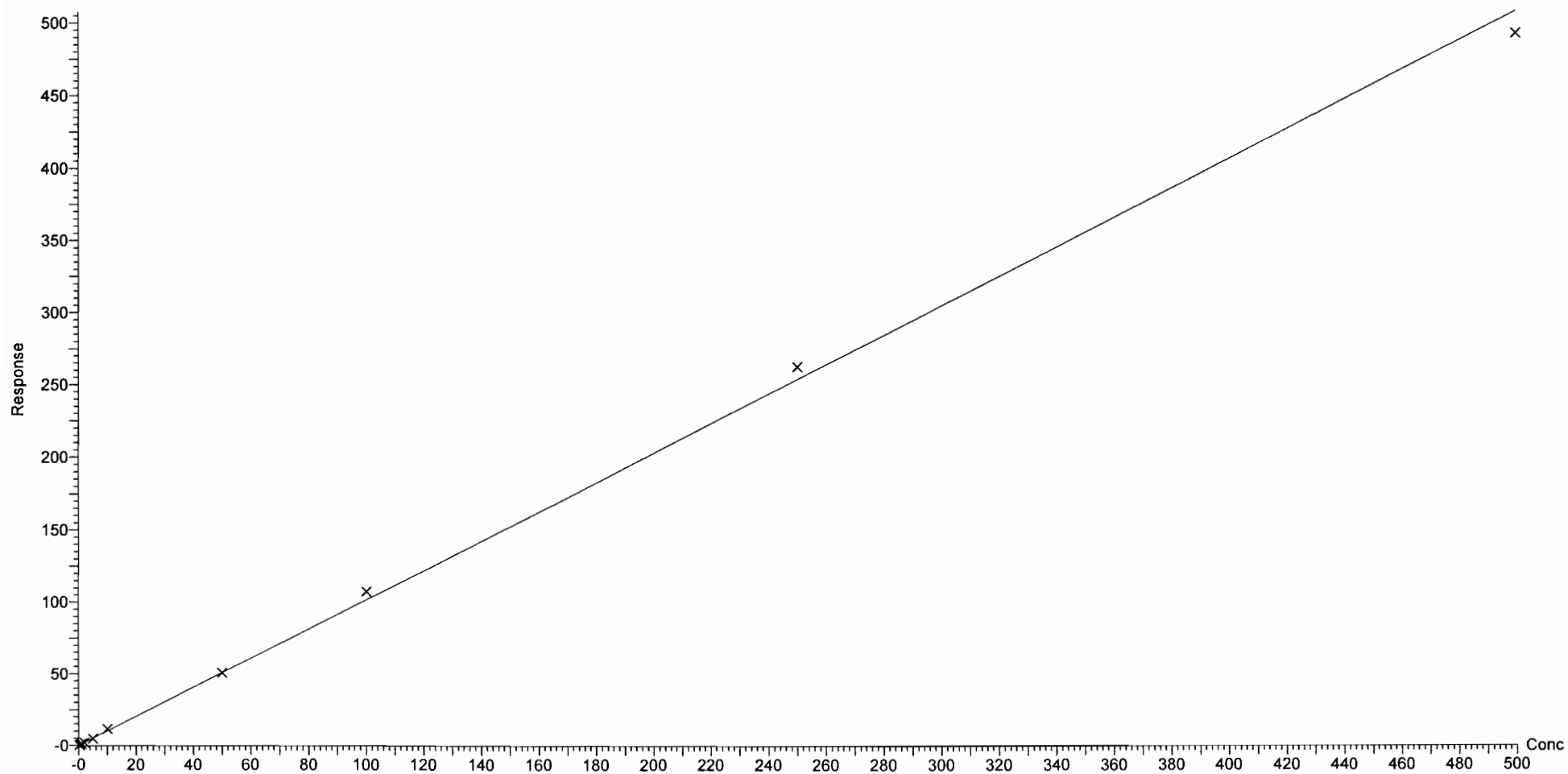
Compound name: PFOSA

Correlation coefficient:  $r = 0.999261$ ,  $r^2 = 0.998522$

Calibration curve:  $1.01507 * x + 0.0132123$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

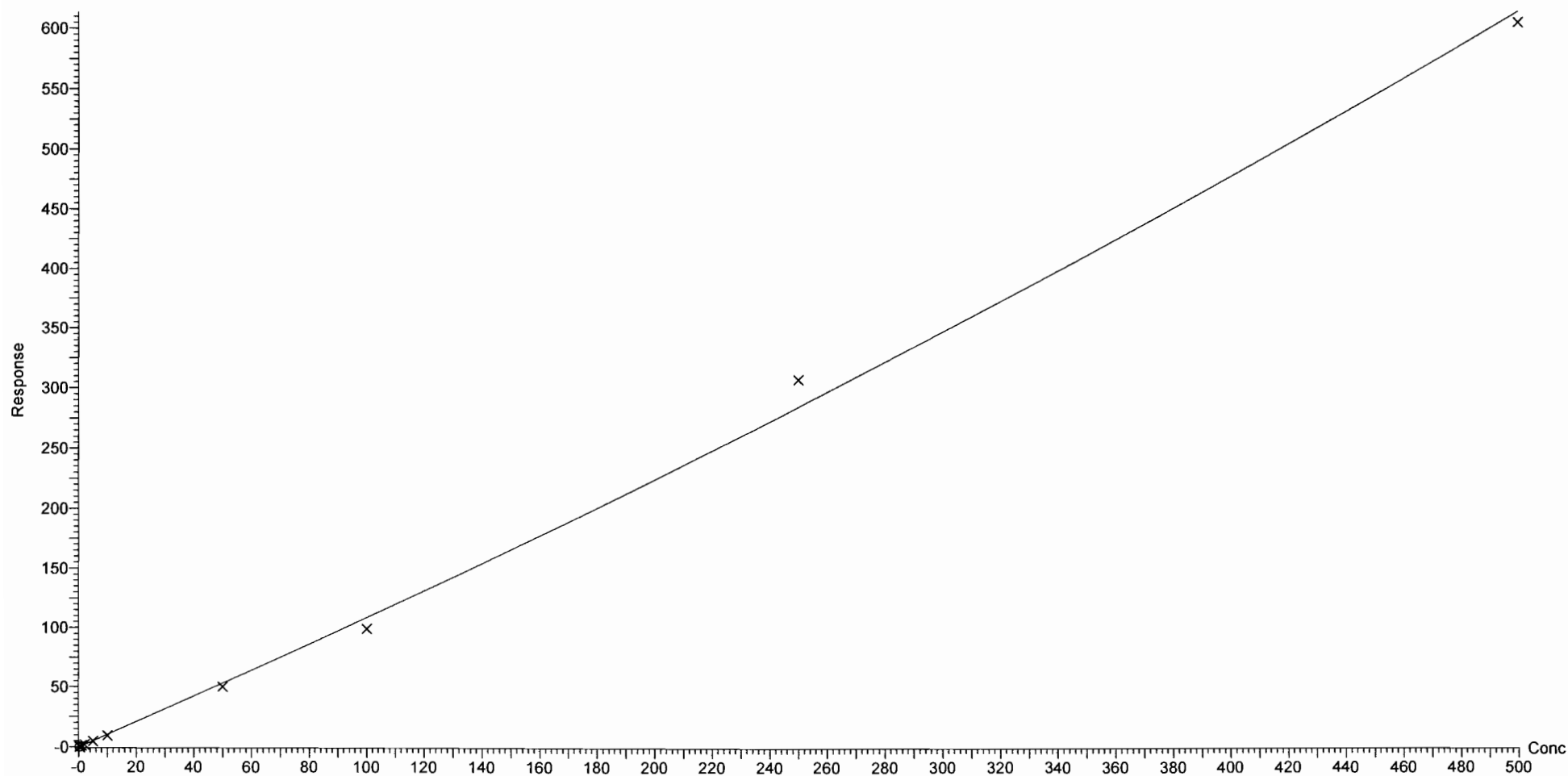
Compound name: L-PFOS

Coefficient of Determination:  $R^2 = 0.997227$

Calibration curve:  $0.000347971 * x^2 + 1.05328 * x + -0.185023$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

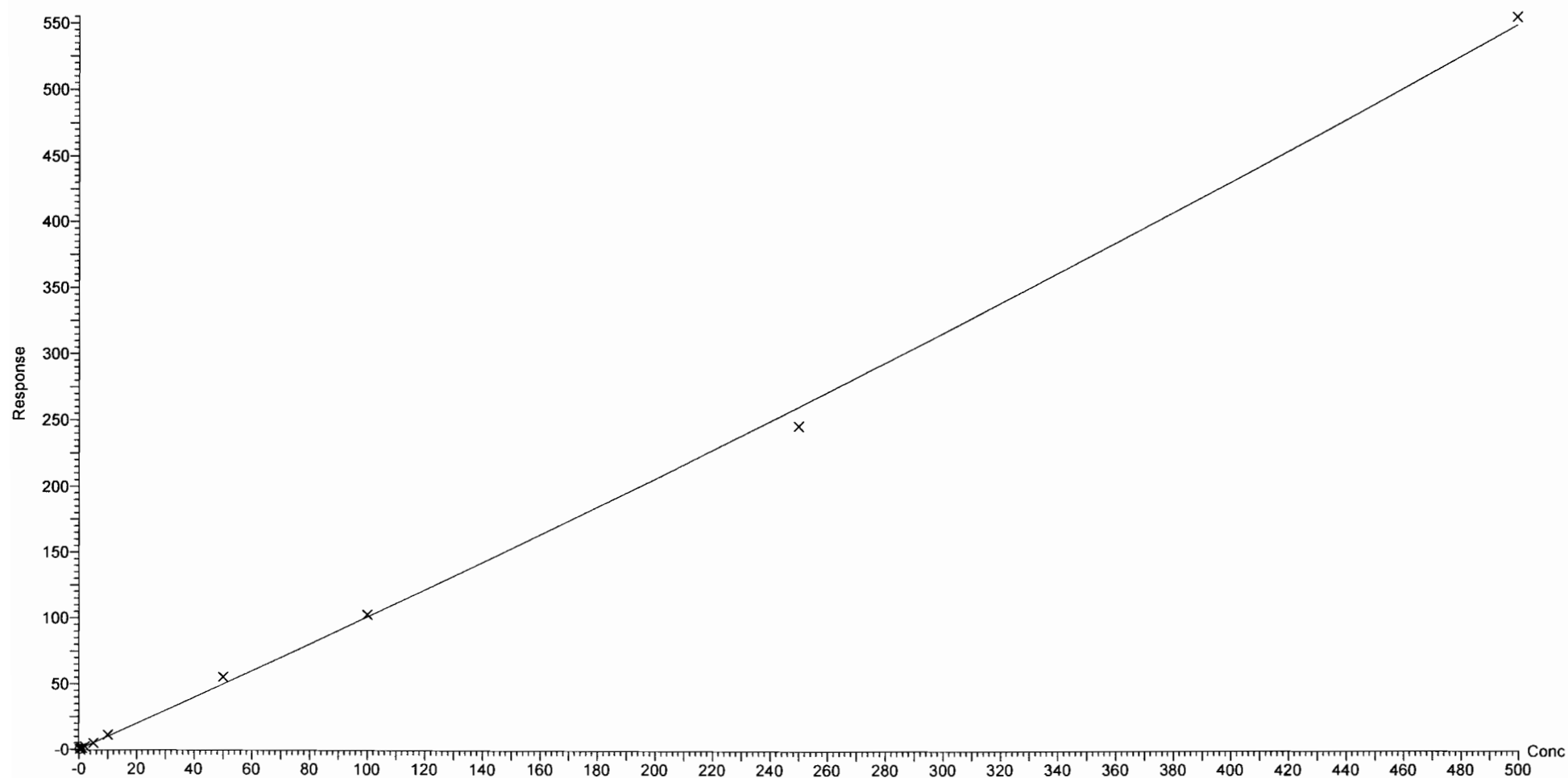
Compound name: PFDA

Coefficient of Determination:  $R^2 = 0.998366$

Calibration curve:  $0.000221127 * x^2 + 0.98689 * x + 0.25397$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

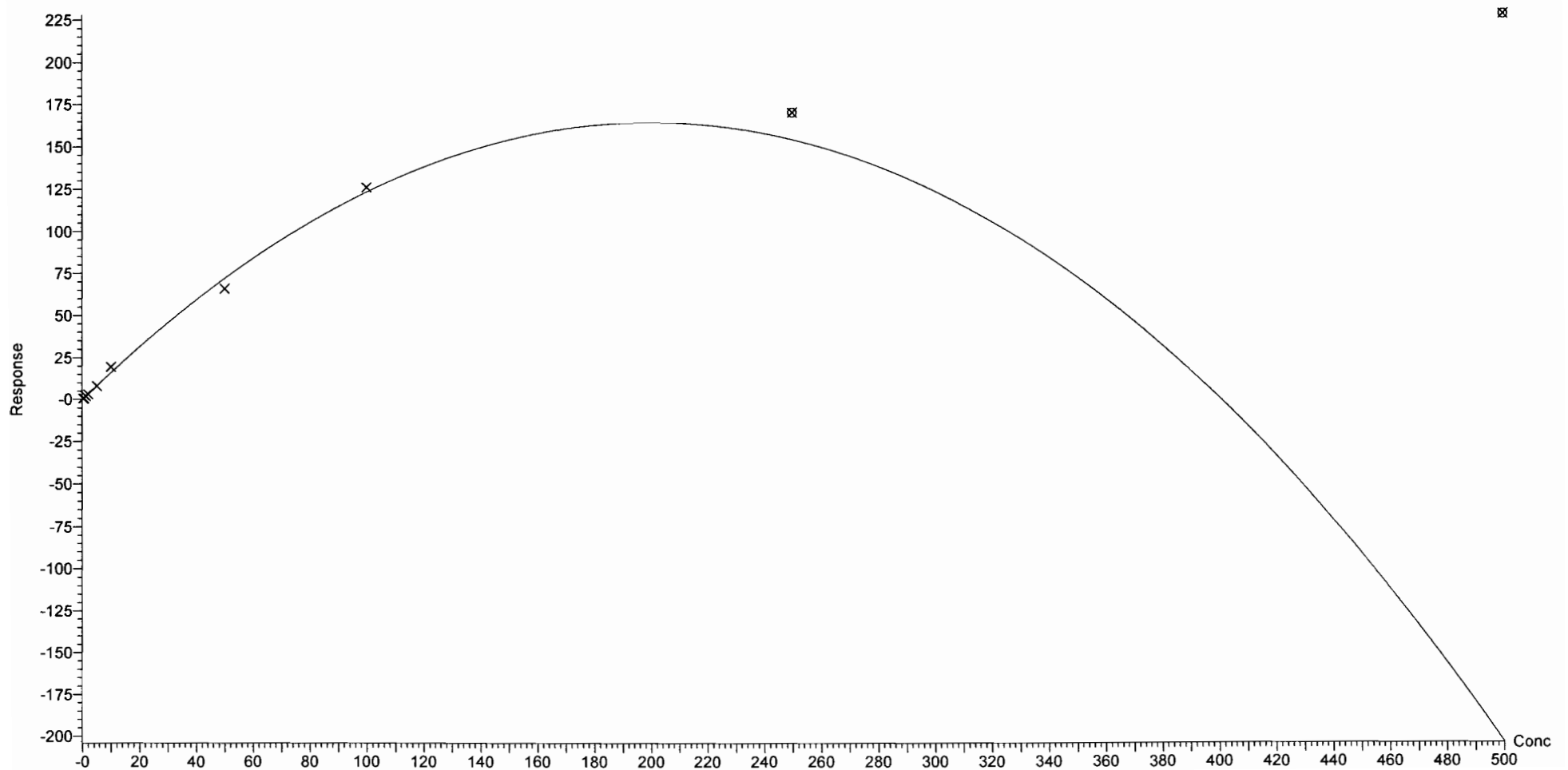
Compound name: 8:2 FTS

Coefficient of Determination:  $R^2 = 0.992591$

Calibration curve:  $-0.00409915 * x^2 + 1.64178 * x + 0.104068$

Response type: Internal Std ( Ref 46 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None





Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

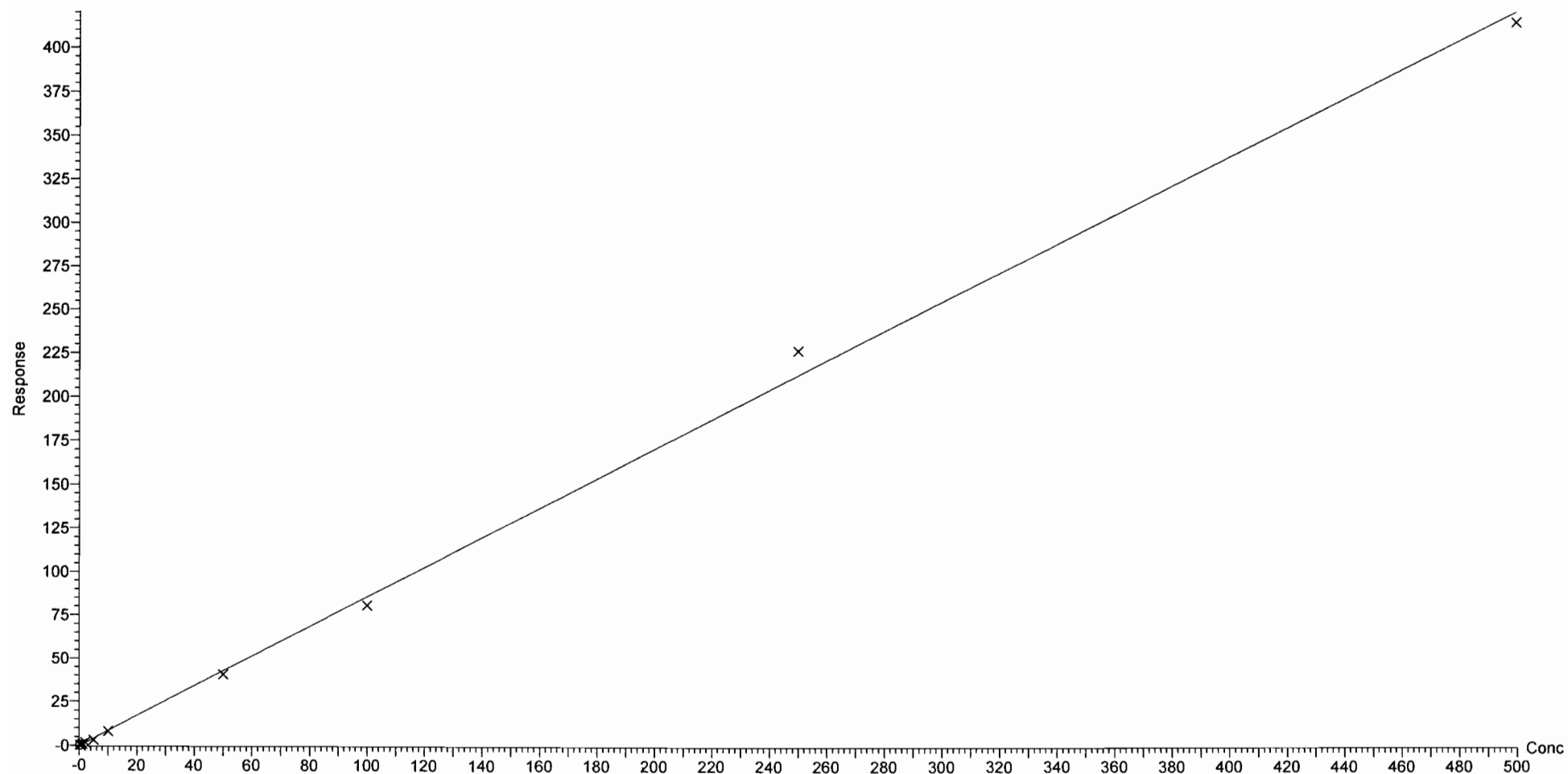
Compound name: PFNS

Coefficient of Determination:  $R^2 = 0.997663$

Calibration curve:  $-4.37361e-005 * x^2 + 0.862676 * x + -0.156905$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

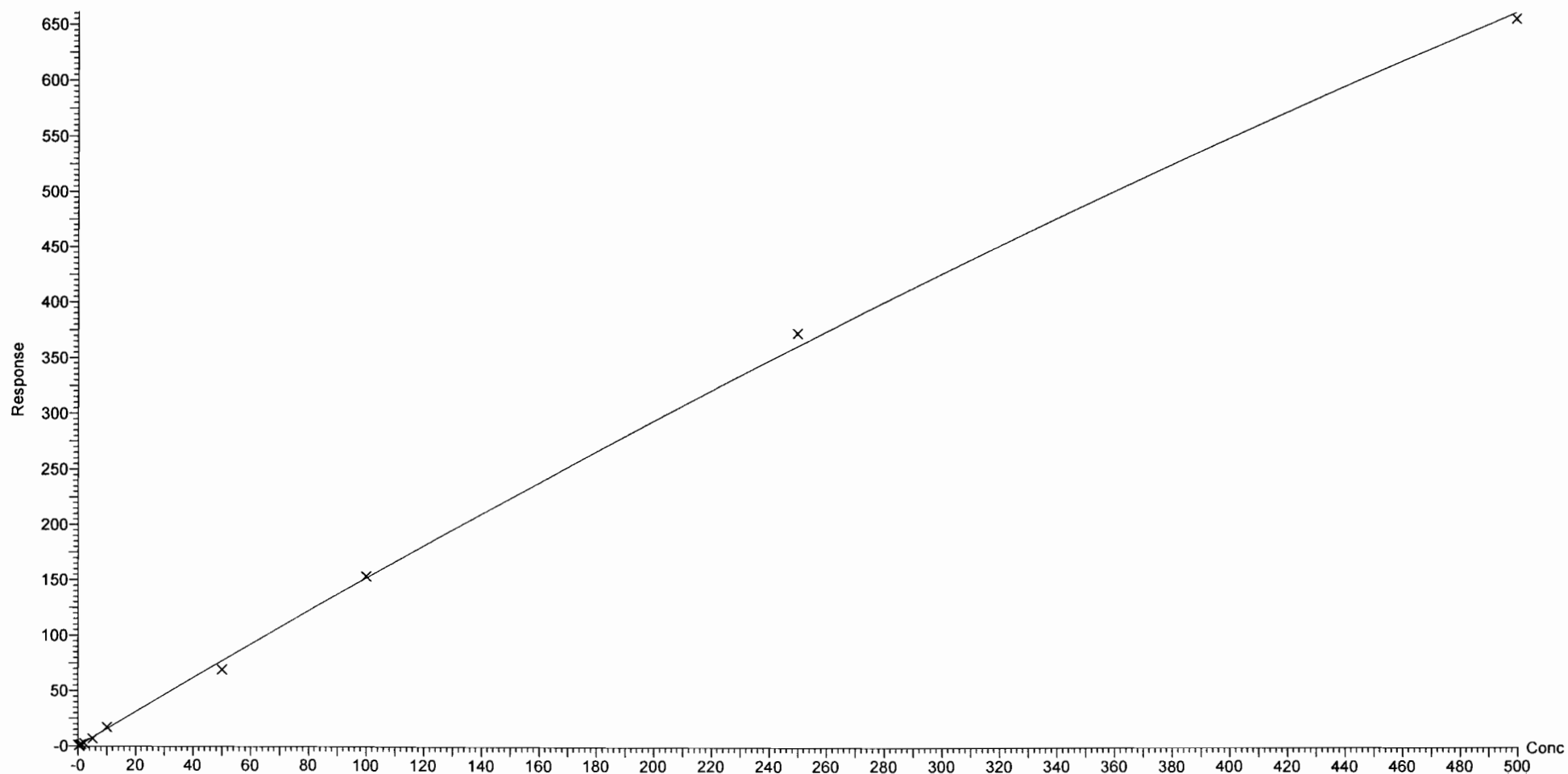
Compound name: N-MeFOSAA

Coefficient of Determination:  $R^2 = 0.998606$

Calibration curve:  $-0.000497229 * x^2 + 1.57109 * x + -0.0759326$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

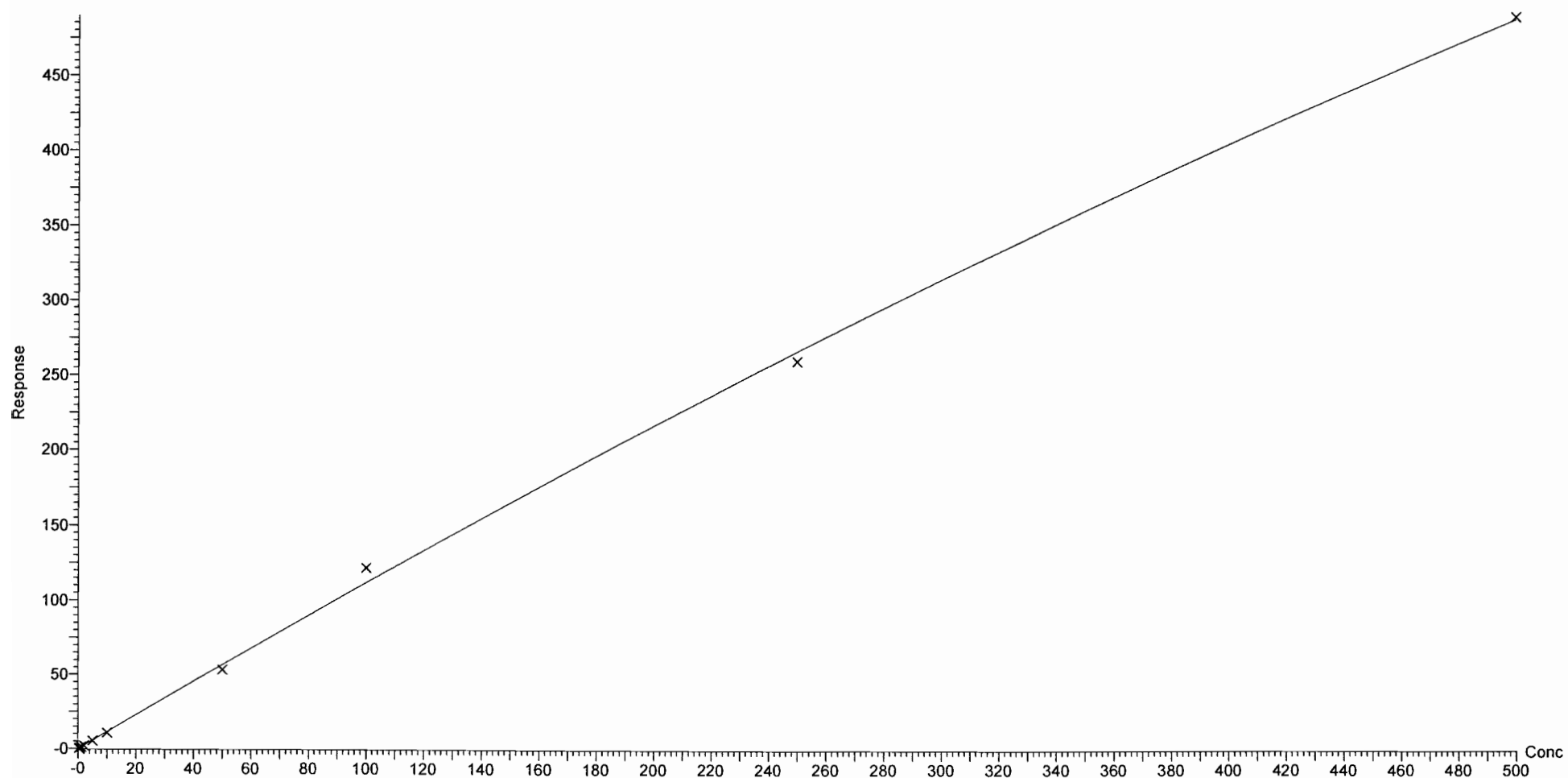
Compound name: N-EtFOSAA

Coefficient of Determination:  $R^2 = 0.998379$

Calibration curve:  $-0.000364059 * x^2 + 1.15736 * x + -0.0859832$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

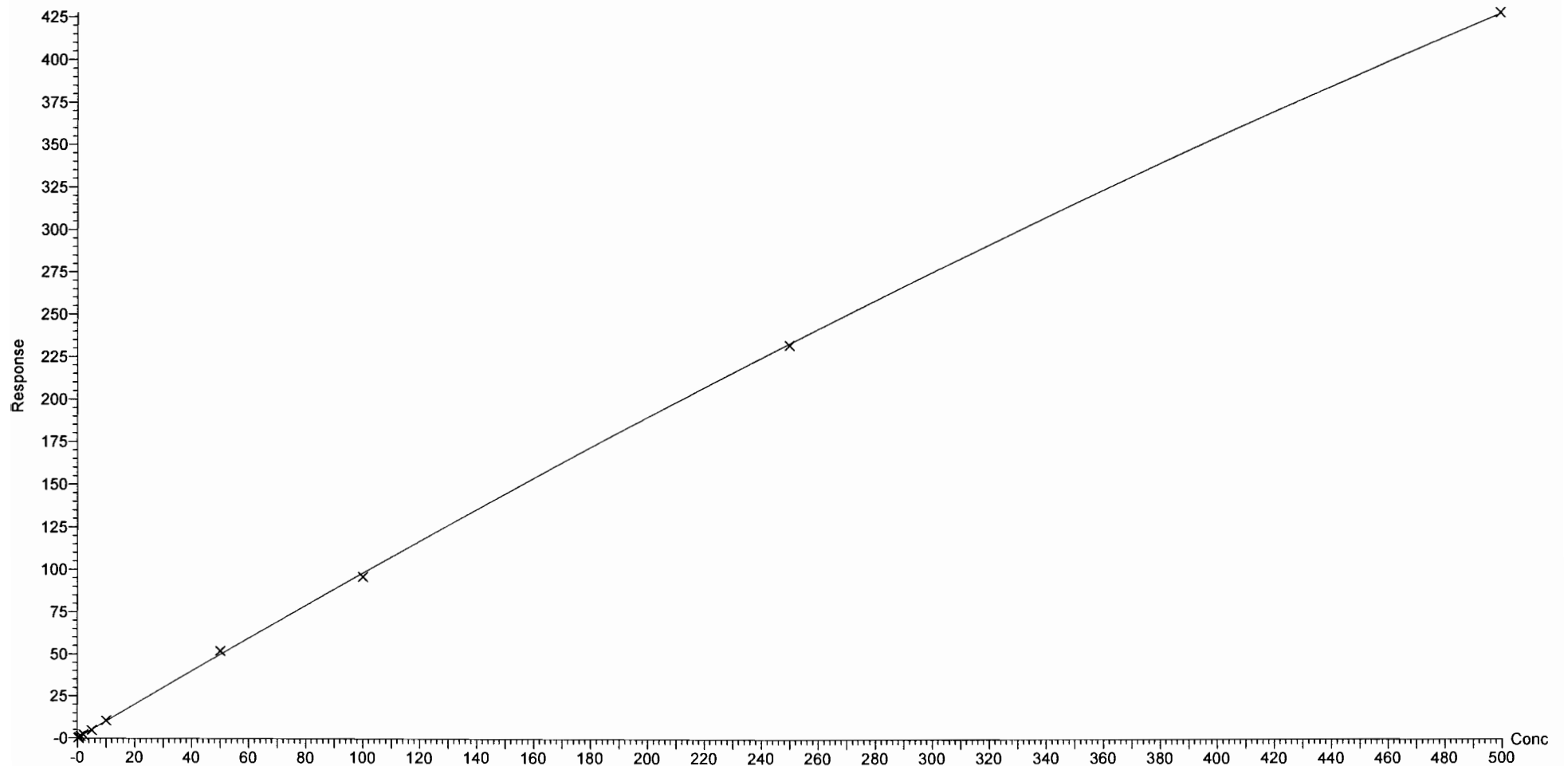
Compound name: PFUdA

Coefficient of Determination:  $R^2 = 0.999696$

Calibration curve:  $-0.000317921 * x^2 + 1.01232 * x + 0.0146191$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

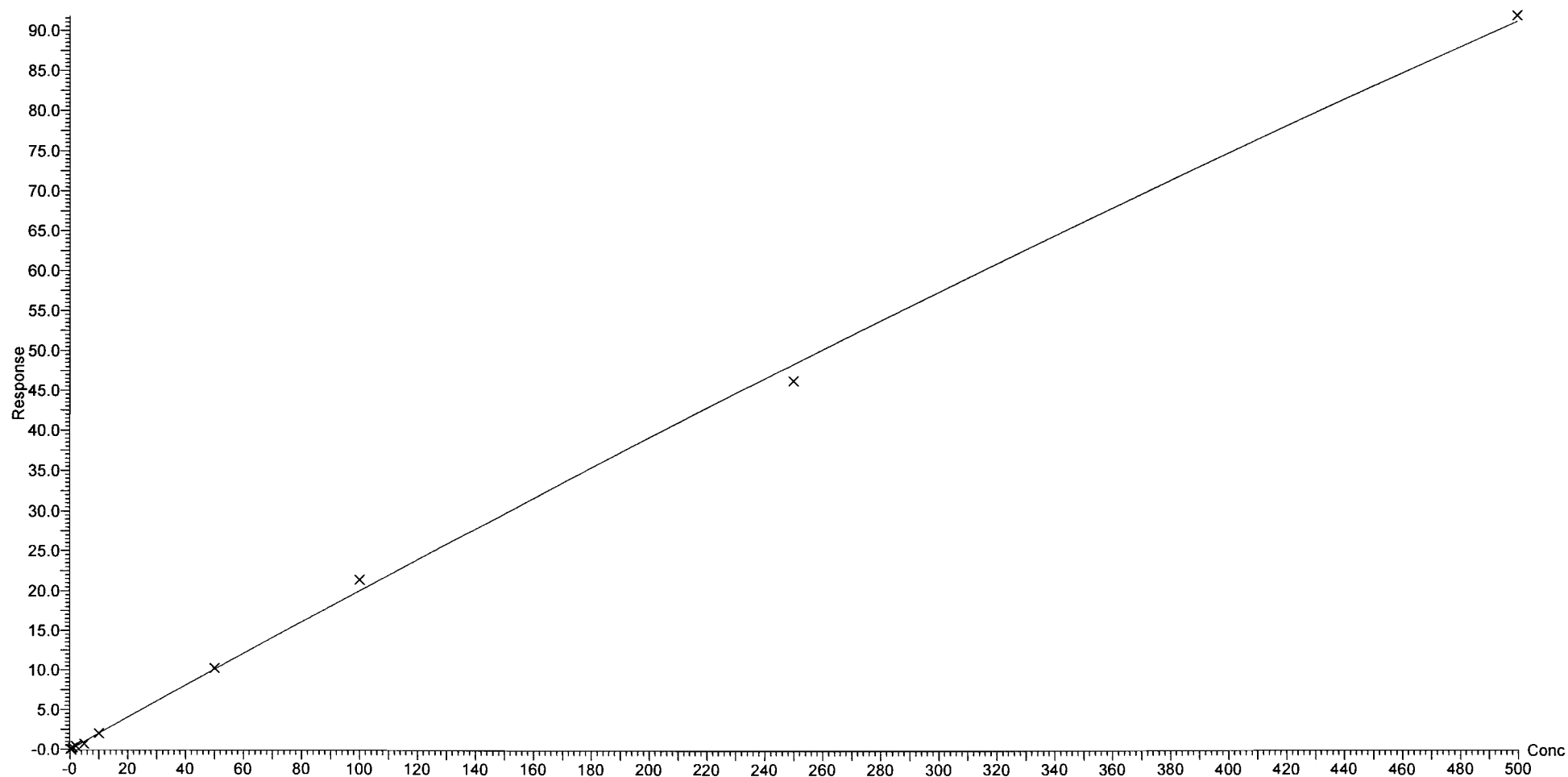
Compound name: PFDS

Coefficient of Determination:  $R^2 = 0.998226$

Calibration curve:  $-4.61728e-005 * x^2 + 0.205185 * x + -0.0166458$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

*NOT used.*

Compound name: PFDoA

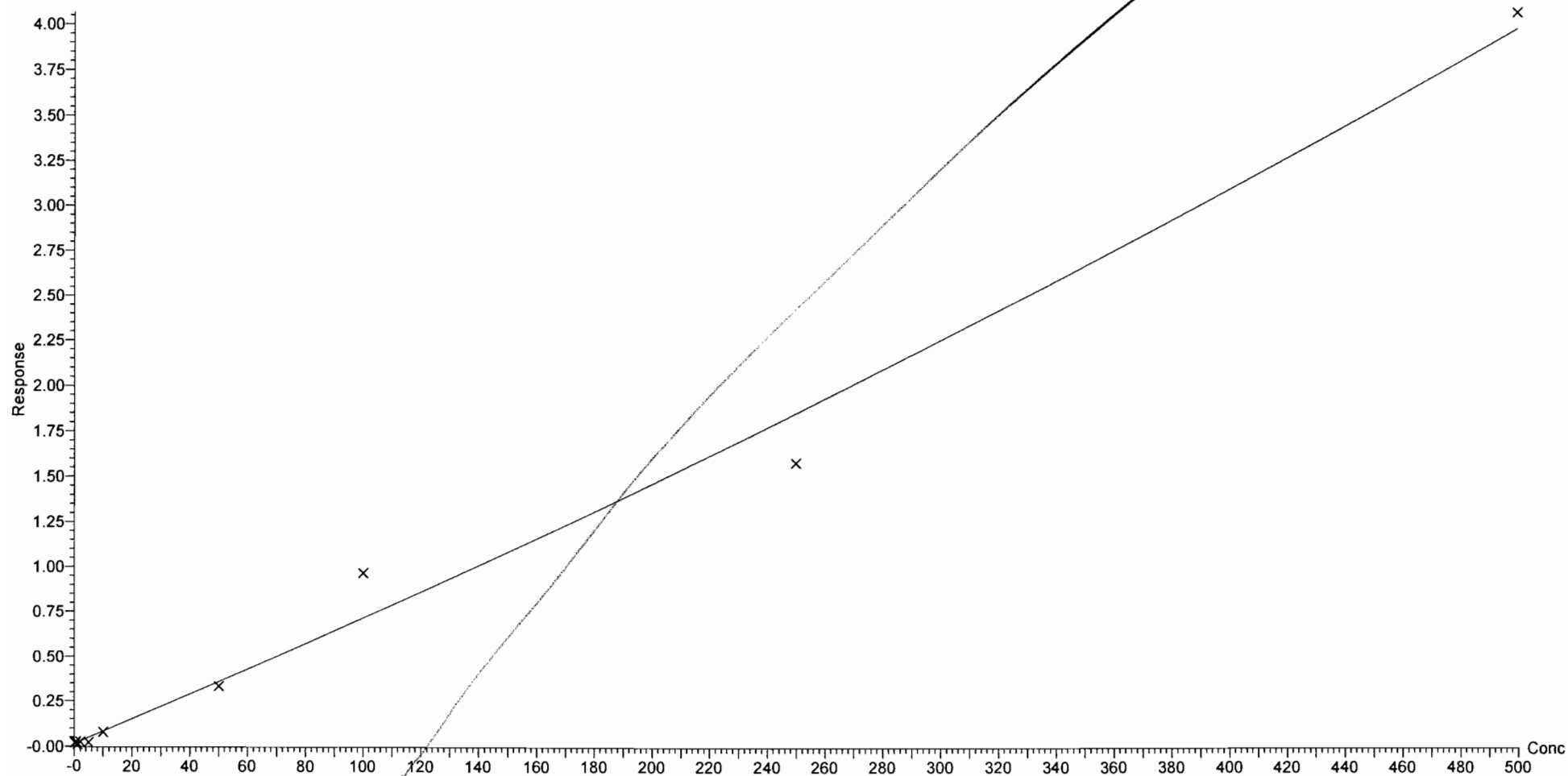
Coefficient of Determination:  $R^2 = 0.974955$

Calibration curve:  $2.29179e-006 * x^2 + 0.00677359 * x + 0.0155666$

Response type: Internal Std ( Ref 50 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

*DM  
3/9/18*



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

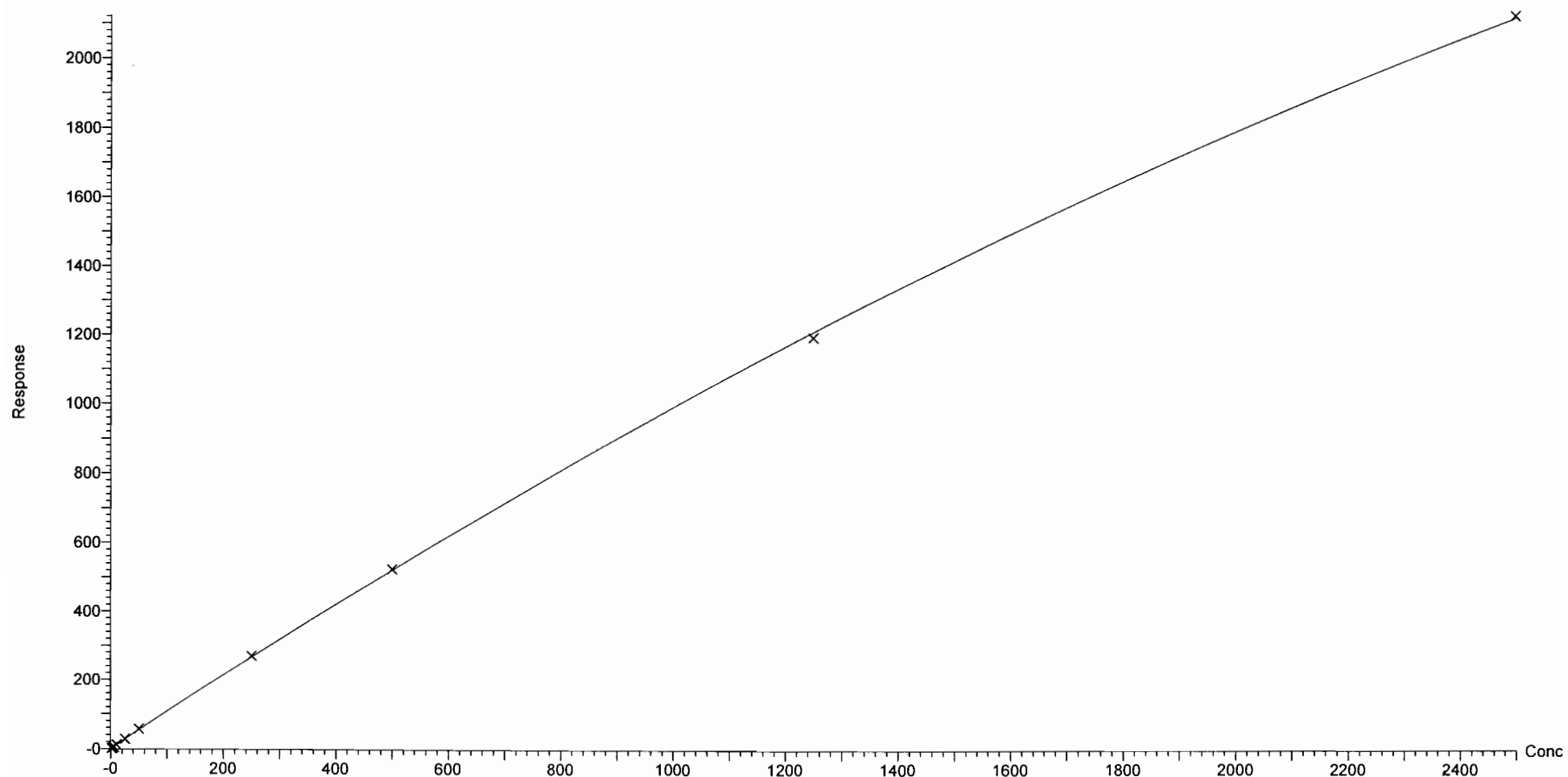
Compound name: N-MeFOSA

Coefficient of Determination:  $R^2 = 0.999872$

Calibration curve:  $-9.76393e-005 * x^2 + 1.08999 * x + 0.0814473$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

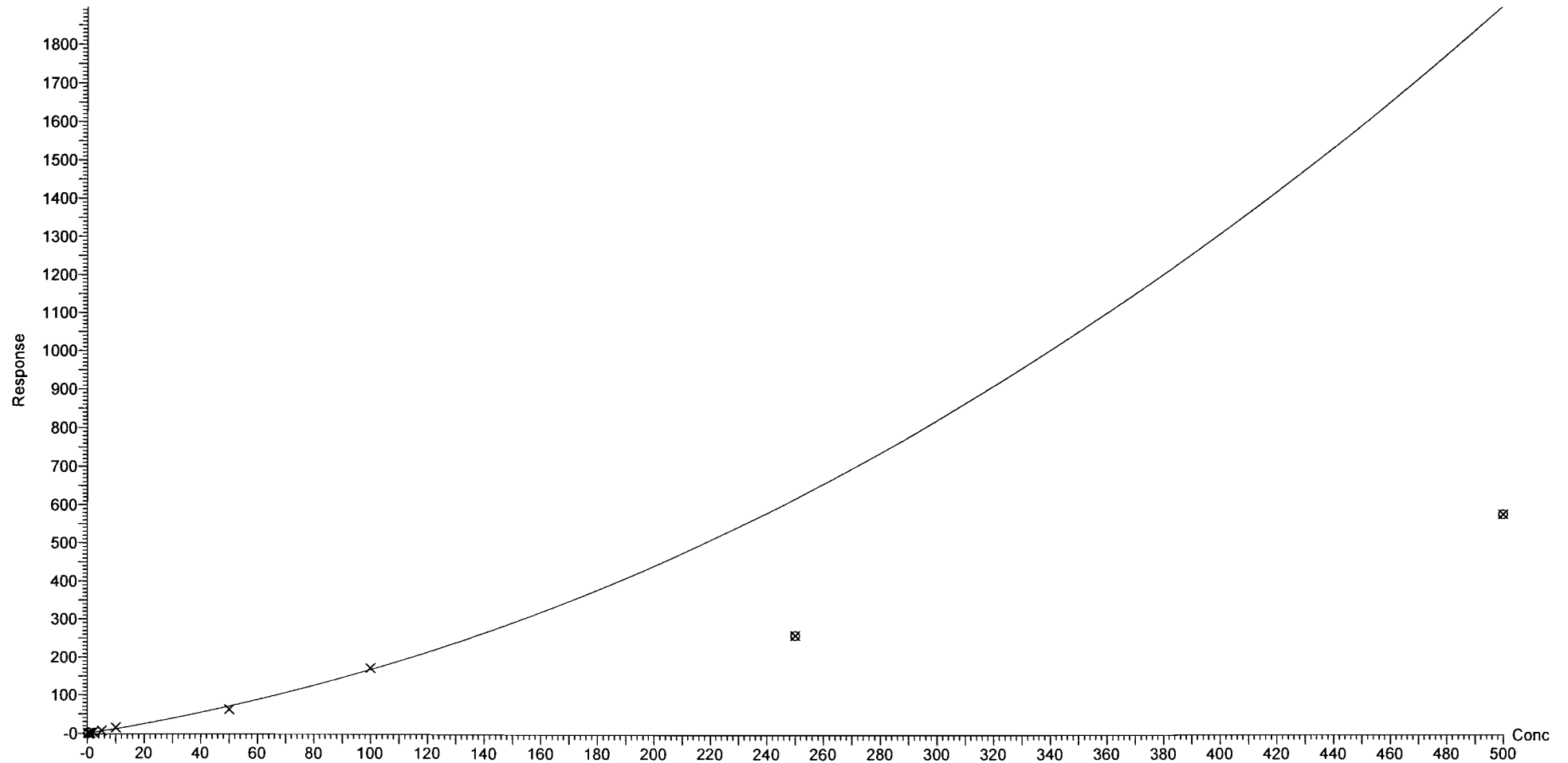
Compound name: PFTrDA

Coefficient of Determination:  $R^2 = 0.992029$

Calibration curve:  $0.00528288 * x^2 + 1.15272 * x + 0.282825$

Response type: Internal Std ( Ref 50 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None





Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

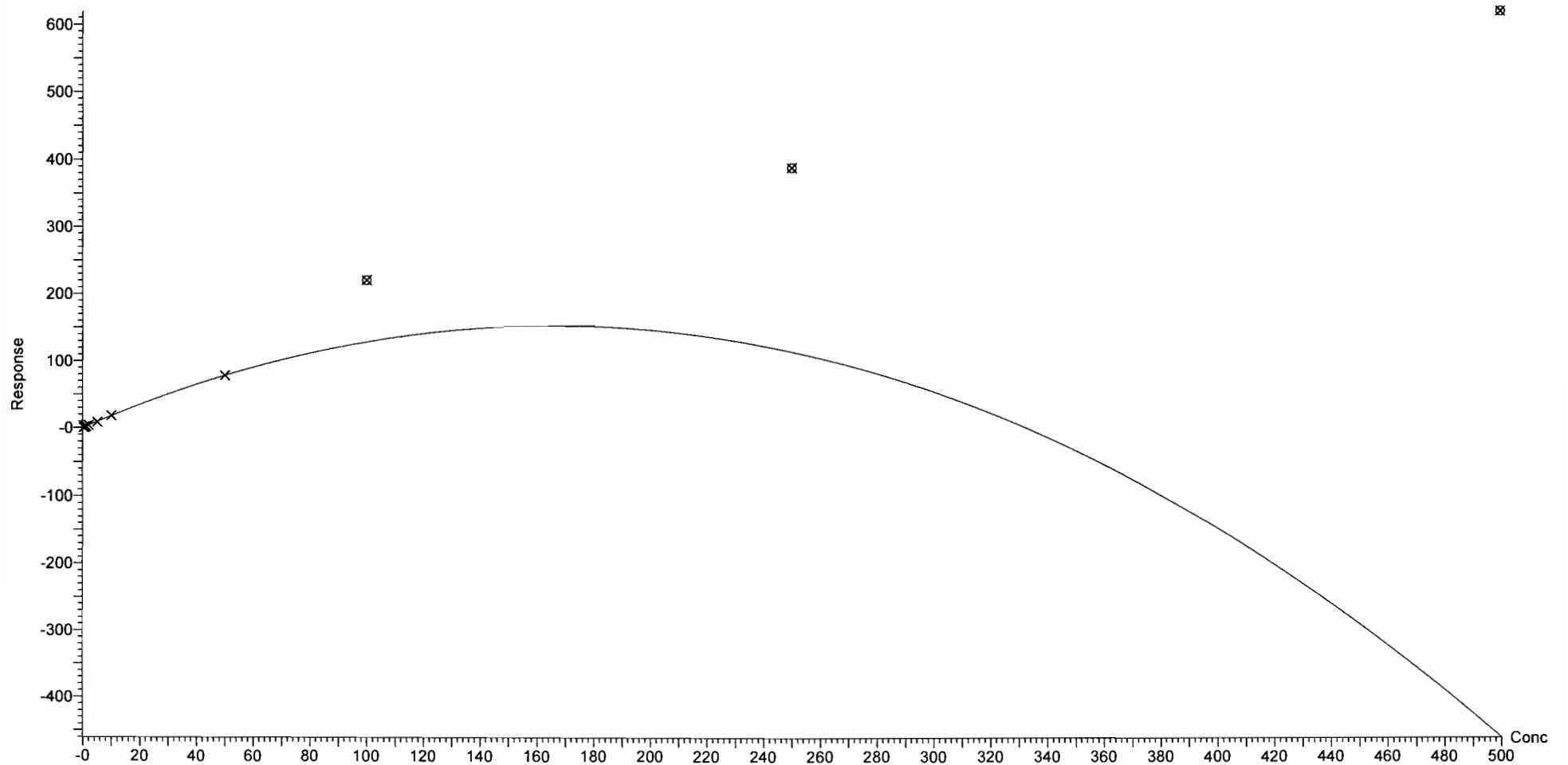
Compound name: PFTeDA

Coefficient of Determination:  $R^2 = 0.998456$

Calibration curve:  $-0.00551466 * x^2 + 1.83703 * x + 0.0895093$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

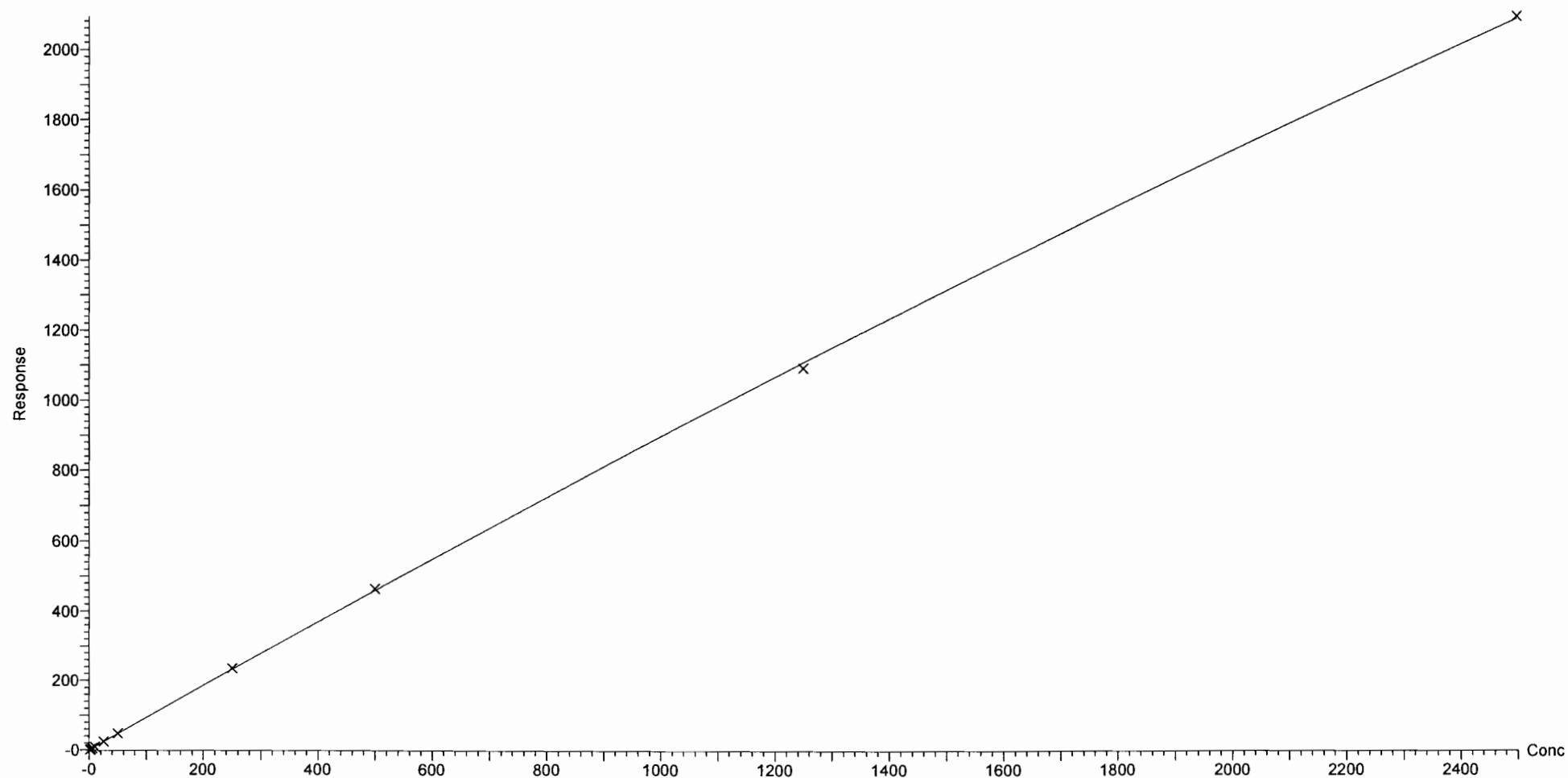
Compound name: N-EtFOSA

Coefficient of Determination:  $R^2 = 0.999895$

Calibration curve:  $-4.22685e-005 * x^2 + 0.940039 * x + 0.0448789$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

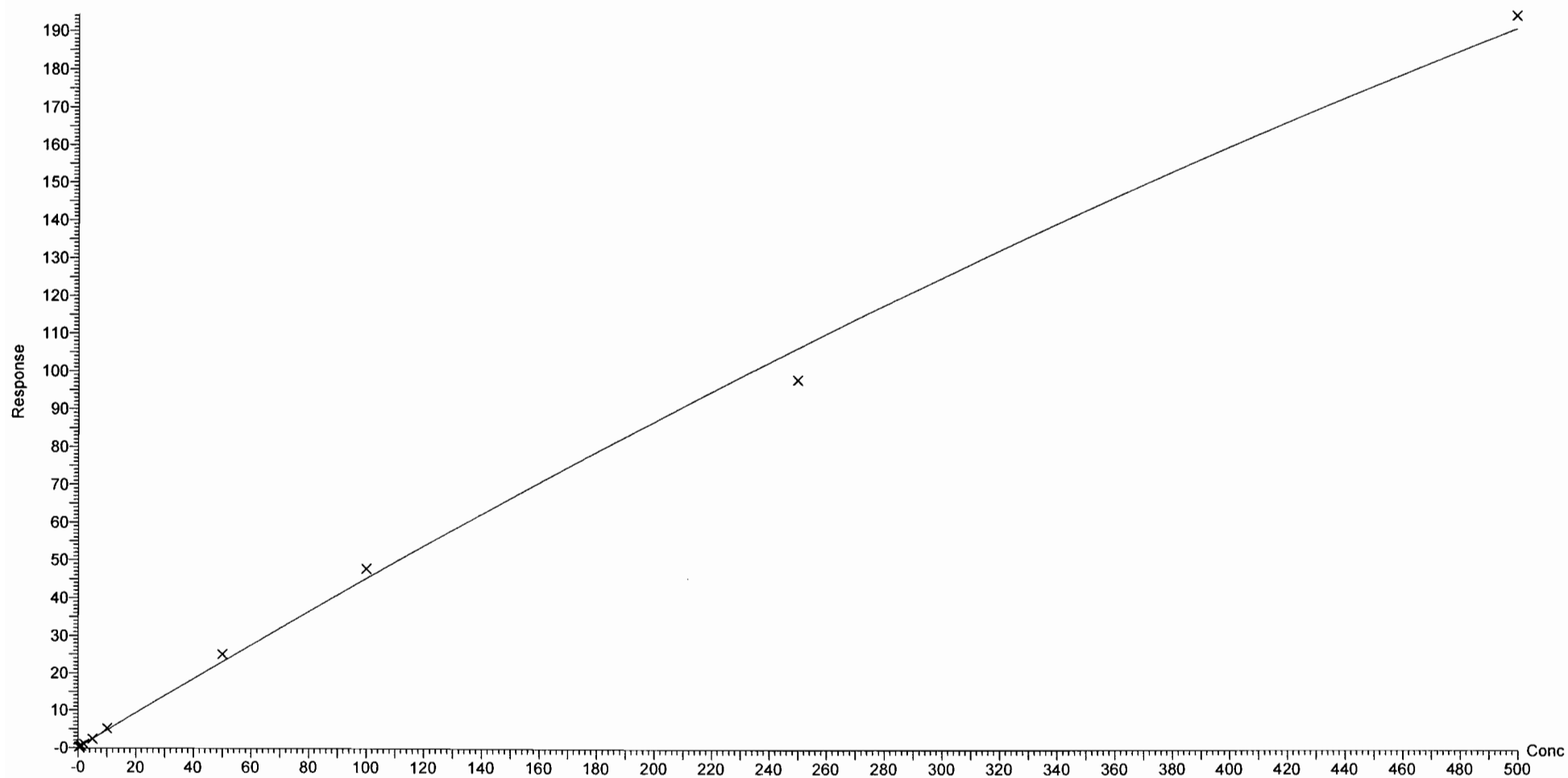
Compound name: PFHxDA

Coefficient of Determination:  $R^2 = 0.996901$

Calibration curve:  $-0.000175343 * x^2 + 0.469296 * x + 0.0624016$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

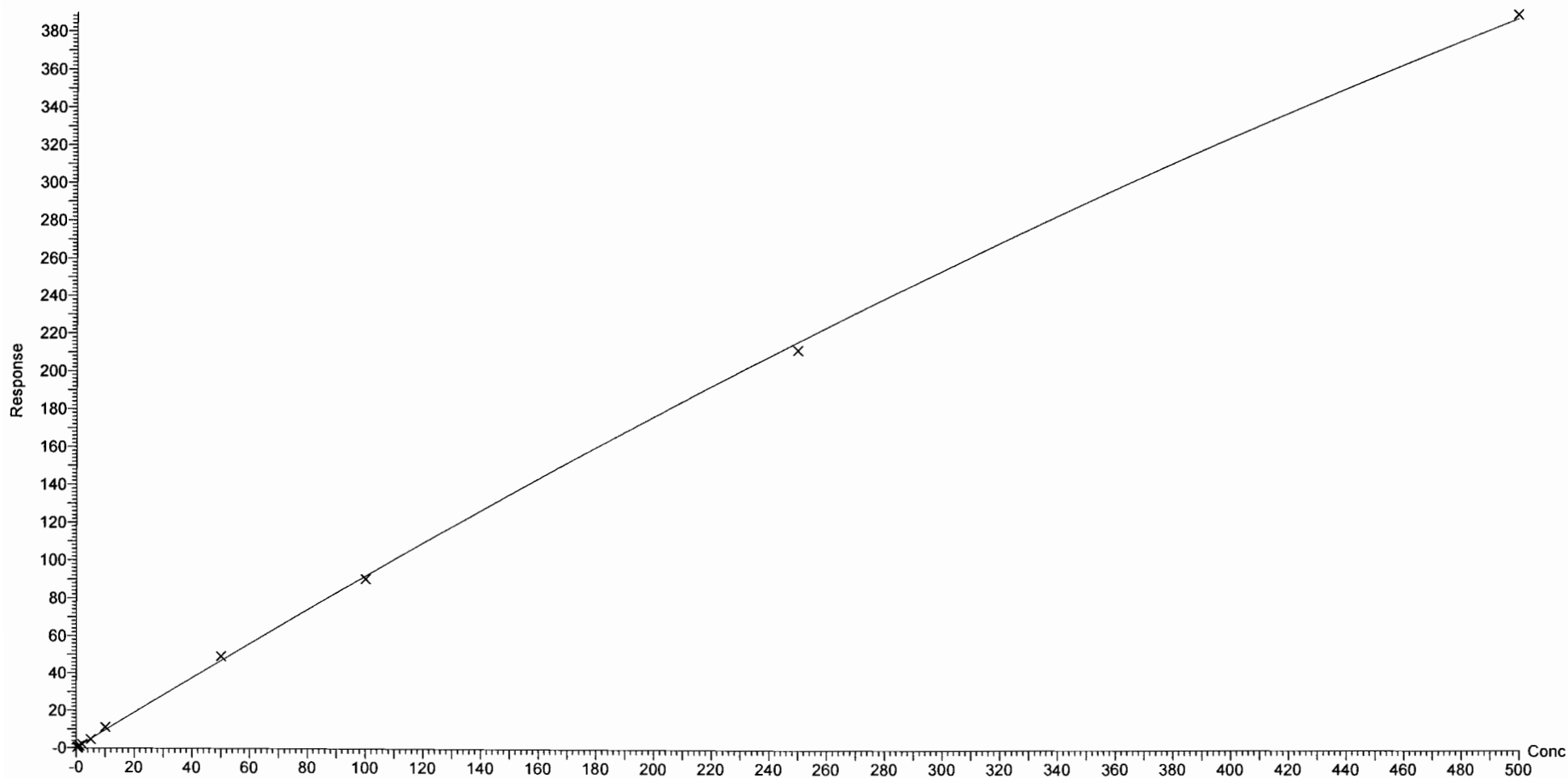
Compound name: PFODA

Coefficient of Determination:  $R^2 = 0.999267$

Calibration curve:  $-0.000361011 * x^2 + 0.955366 * x + 0.052173$

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\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 12:43:20 Pacific Standard Time

Printed: Friday, March 09, 2018 12:46:45 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 08 Mar 2018 15:11:54

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 12:43:20

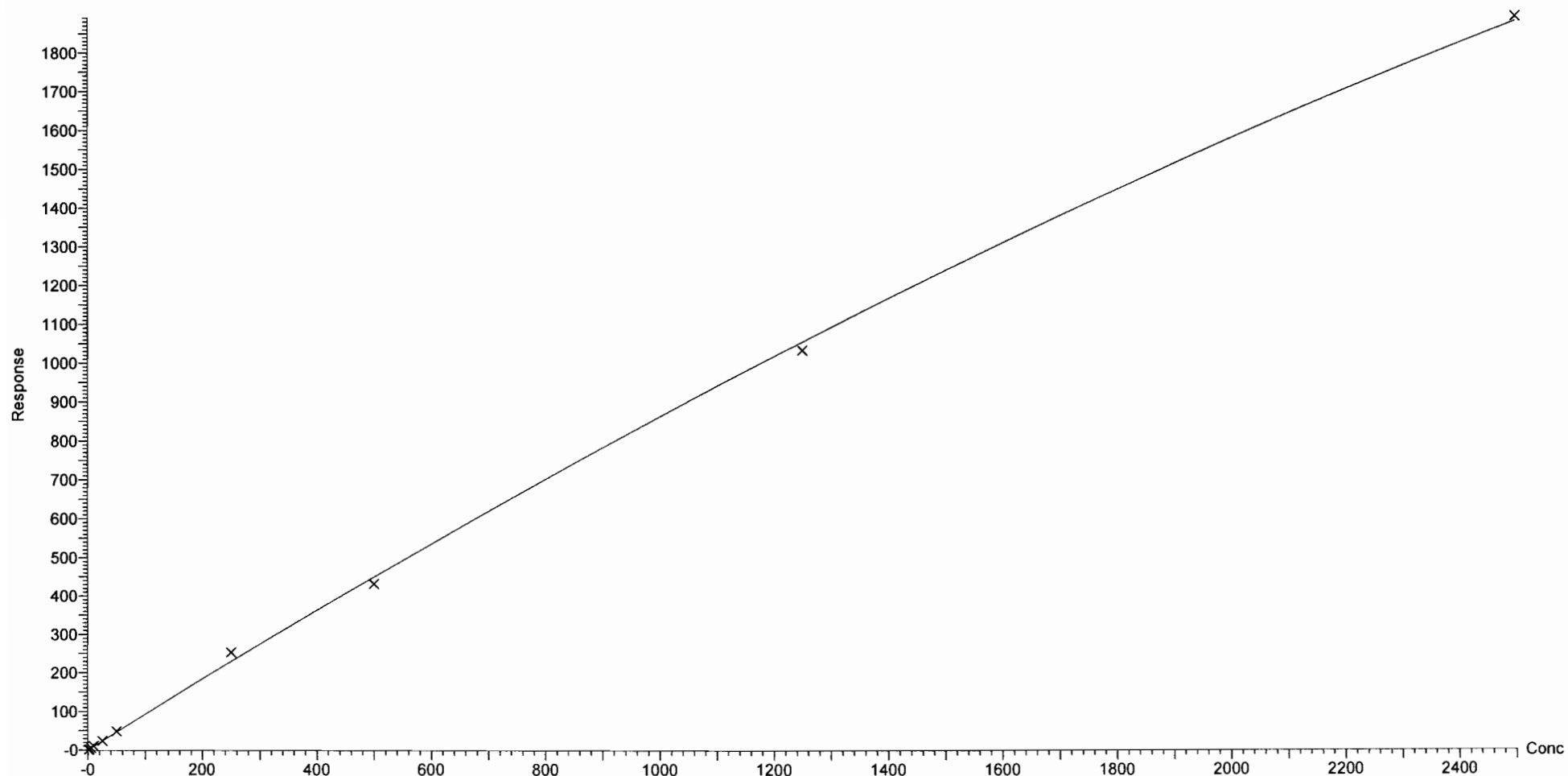
Compound name: N-MeFOSE

Coefficient of Determination:  $R^2 = 0.998719$

Calibration curve:  $-7.38657e-005 * x^2 + 0.936106 * x + 0.0554316$

Response type: Internal Std ( Ref 55 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:49:11 Pacific Standard Time

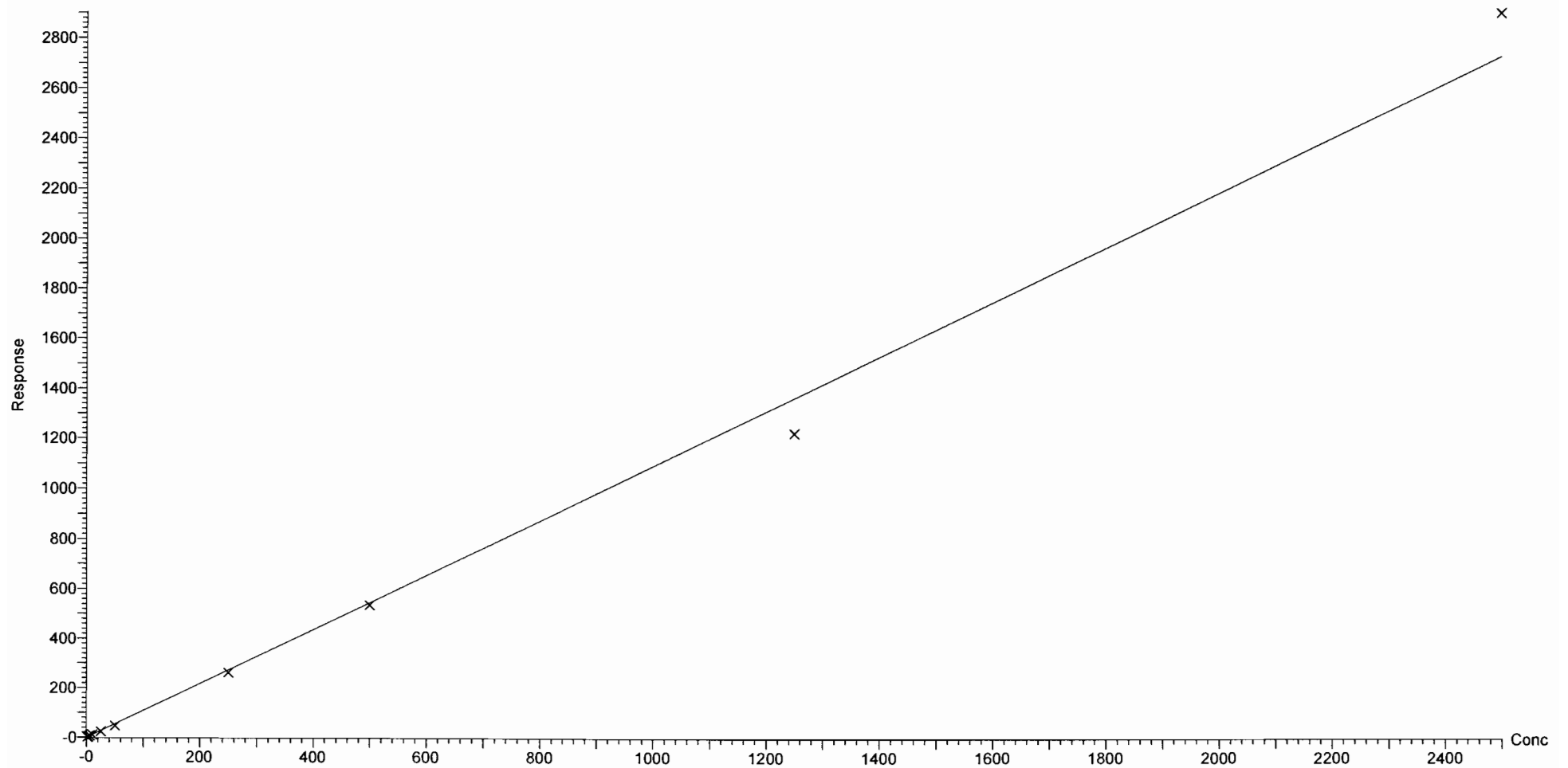
Compound name: N-EtFOSE

Correlation coefficient:  $r = 0.997161$ ,  $r^2 = 0.994331$

Calibration curve:  $1.09145 * x + -0.0776188$

Response type: Internal Std ( Ref 56 ), Area \* ( IS Conc. / IS Area )

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



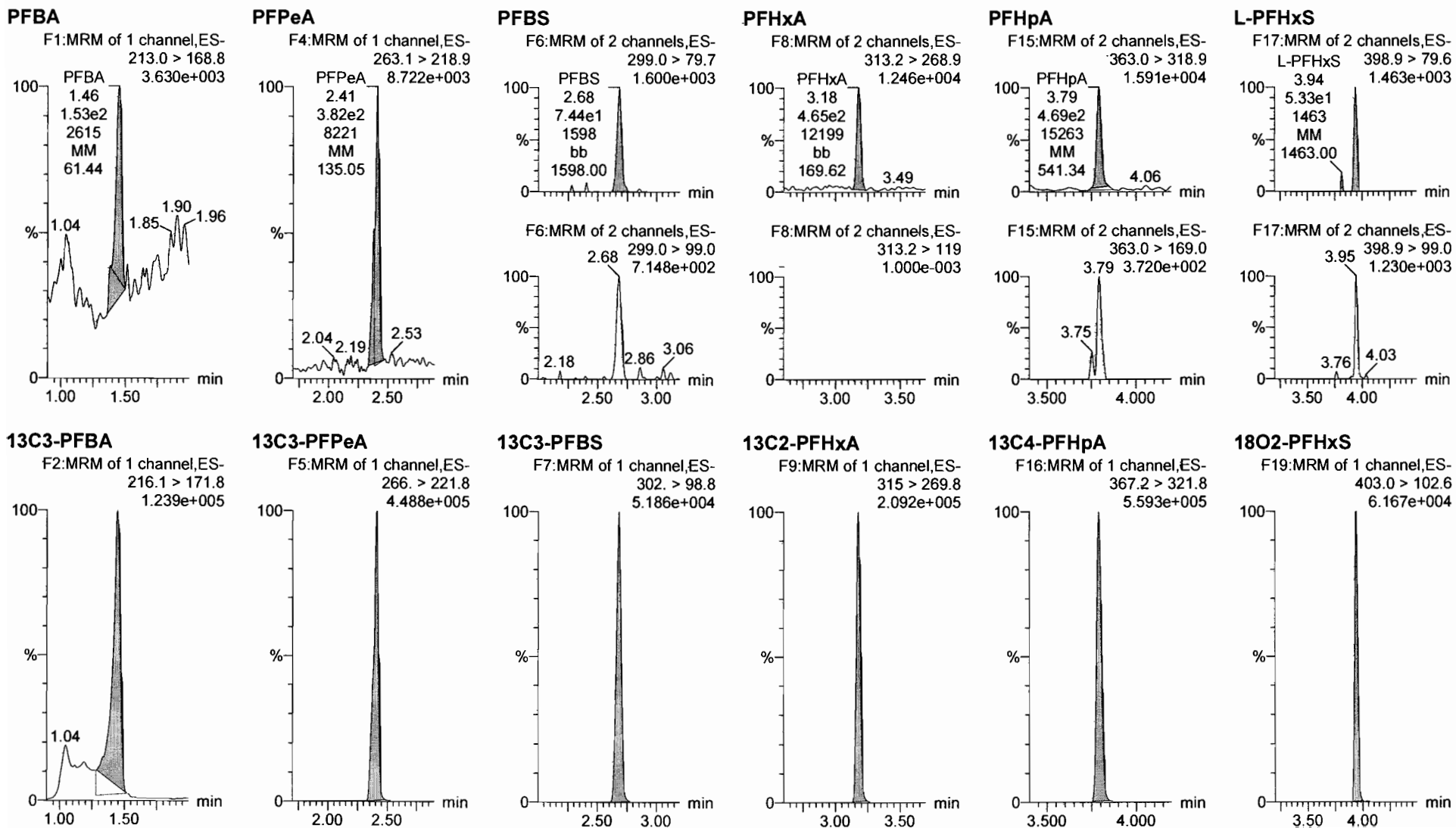
Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time  
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

*PFDOA not used.*

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 08 Mar 2018 15:11:54  
Calibration: 09 Mar 2018 10:23:40

Name: 180307M2\_2, Date: 08-Mar-2018, Time: 07:41:47, ID: ST180307M2-1 PFC CS-2 18B2813, Description: PFC CS-2 18B2813



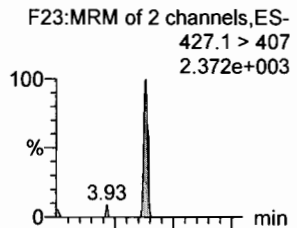
Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

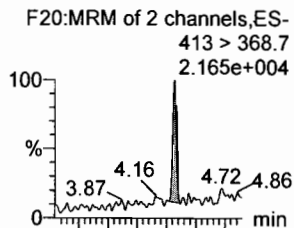
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_2, Date: 08-Mar-2018, Time: 07:41:47, ID: ST180307M2-1 PFC CS-2 18B2813, Description: PFC CS-2 18B2813

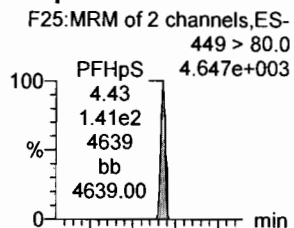
**6:2 FTS**



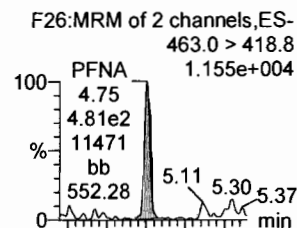
**L-PFOA**



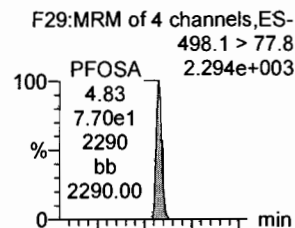
**PFHpS**



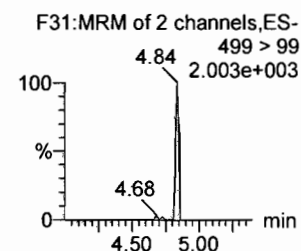
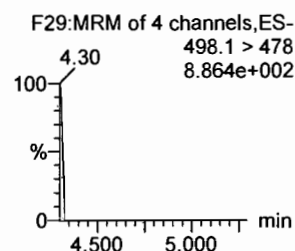
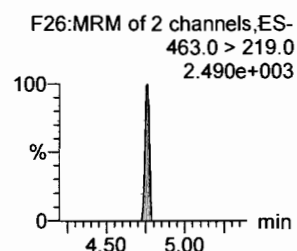
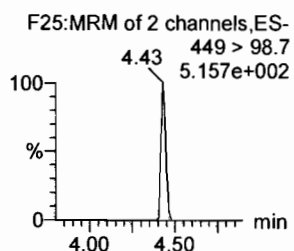
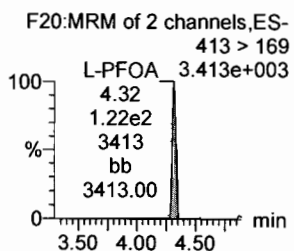
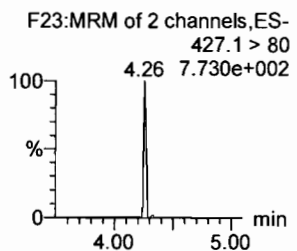
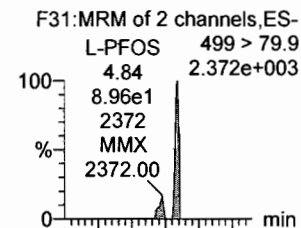
**PFNA**



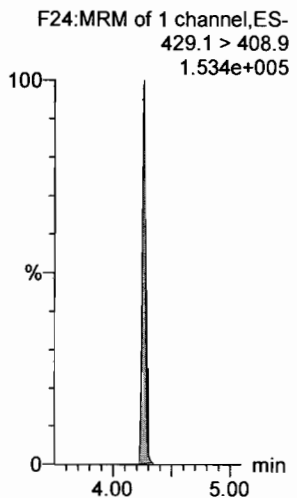
**PFOSA**



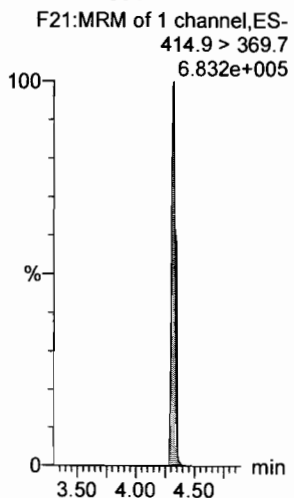
**L-PFOS**



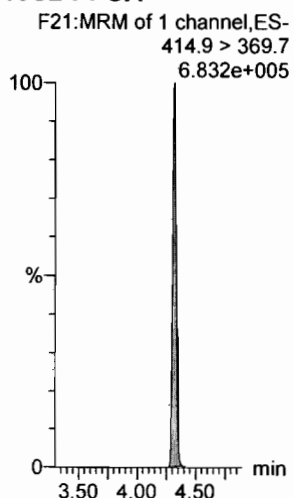
**13C2-6:2 FTS**



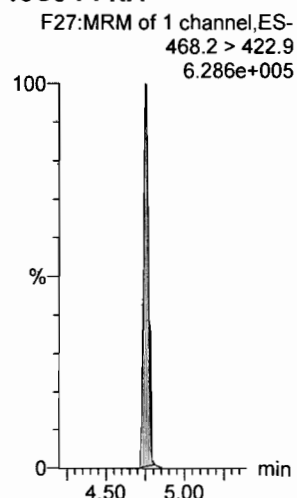
**13C2-PFOA**



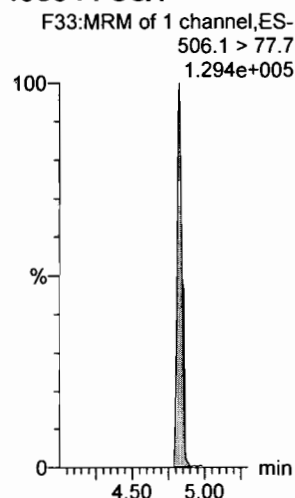
**13C2-PFOA**



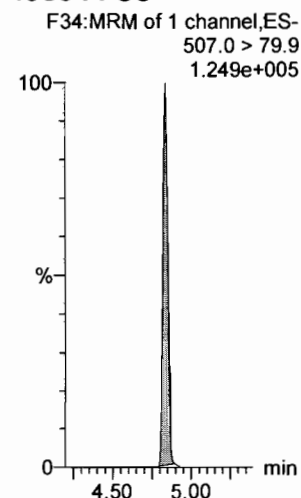
**13C5-PFNA**



**13C8-PFOA**



**13C8-PFOS**

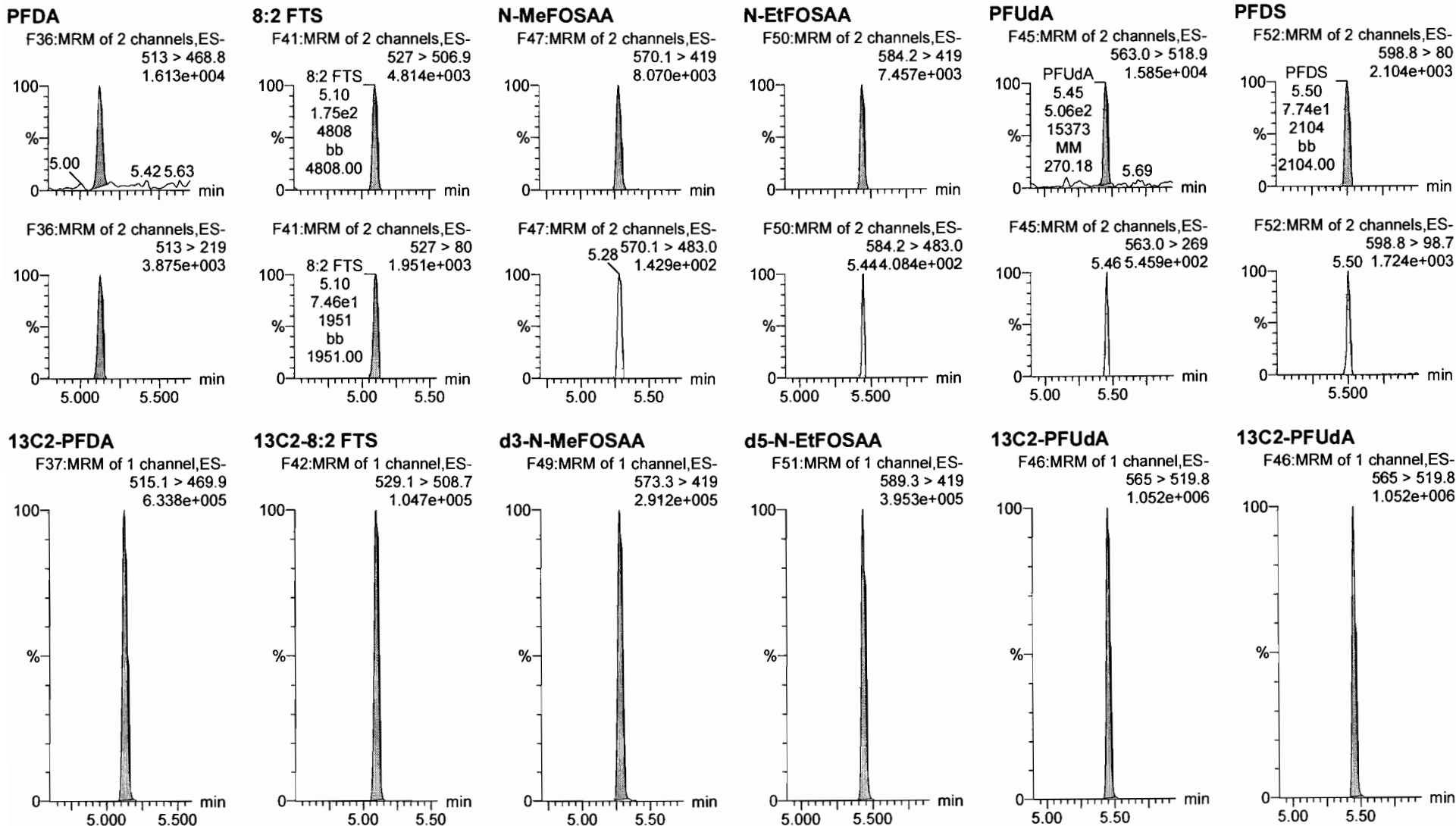




Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time  
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_2, Date: 08-Mar-2018, Time: 07:41:47, ID: ST180307M2-1 PFC CS-2 18B2813, Description: PFC CS-2 18B2813



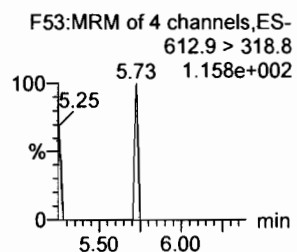
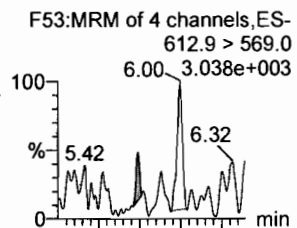
Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

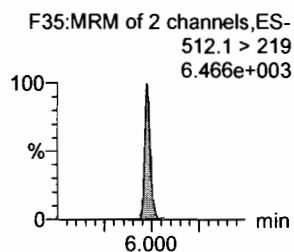
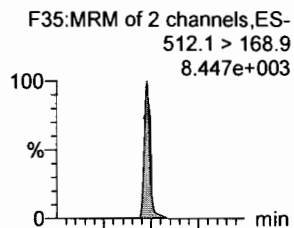
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_2, Date: 08-Mar-2018, Time: 07:41:47, ID: ST180307M2-1 PFC CS-2 18B2813, Description: PFC CS-2 18B2813

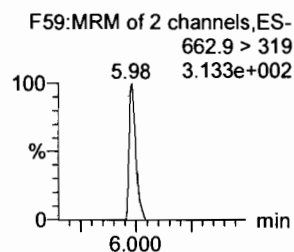
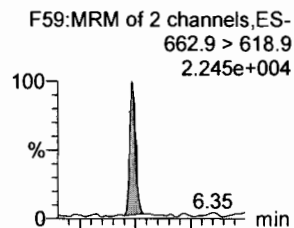
**PFDoA**



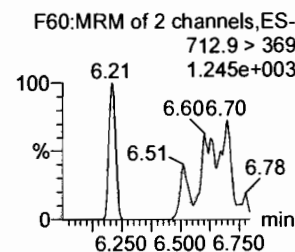
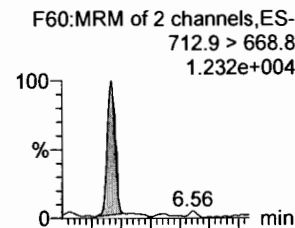
**N-MeFOSA**



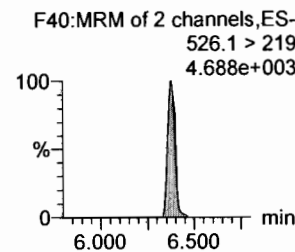
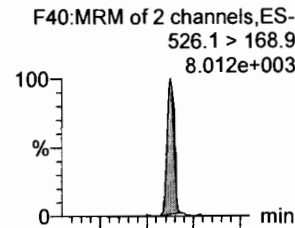
**PFTeDA**



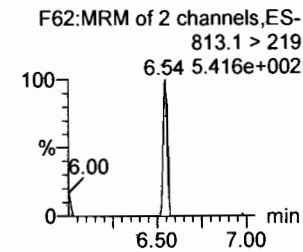
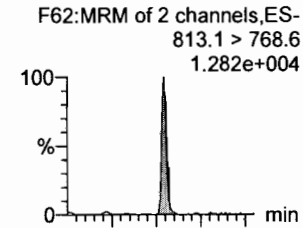
**PFTeDA**



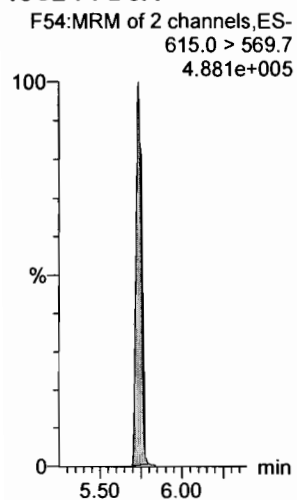
**N-EtFOSA**



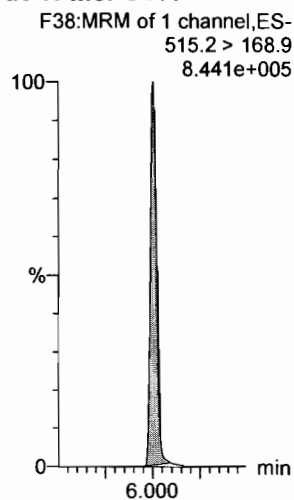
**PFHxDA**



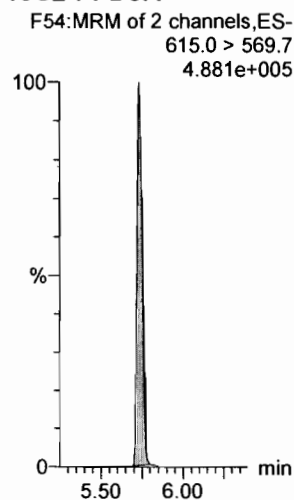
**13C2-PFDoA**



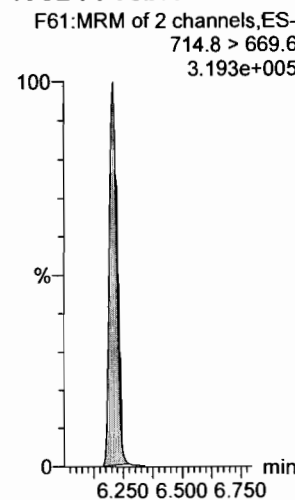
**d3-N-MeFOSA**



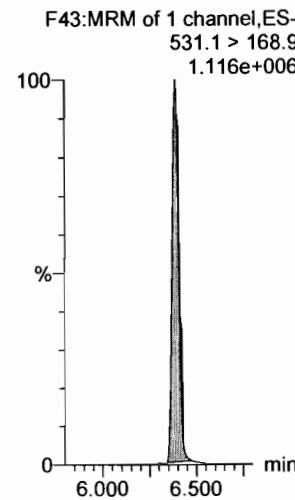
**13C2-PFTeDA**



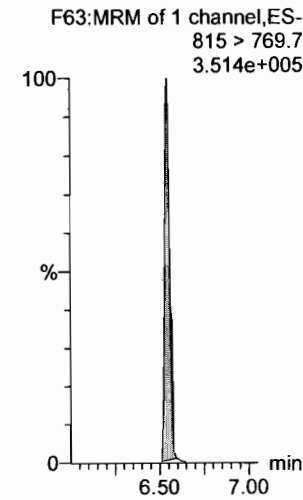
**13C2-PFTeDA**



**d5-N-ETFOSA**



**13C2-PFHxDA**

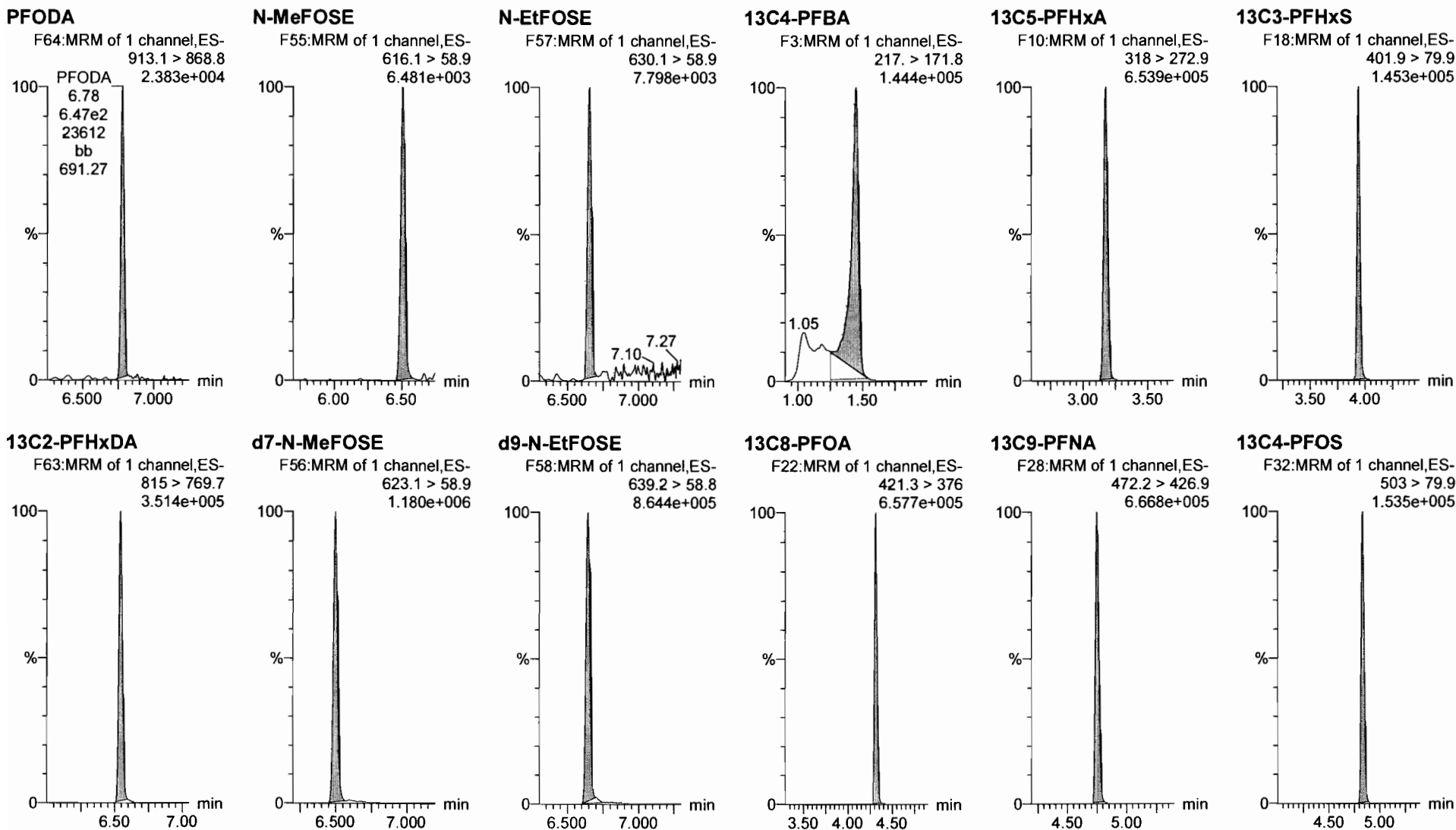


Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_2, Date: 08-Mar-2018, Time: 07:41:47, ID: ST180307M2-1 PFC CS-2 18B2813, Description: PFC CS-2 18B2813



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

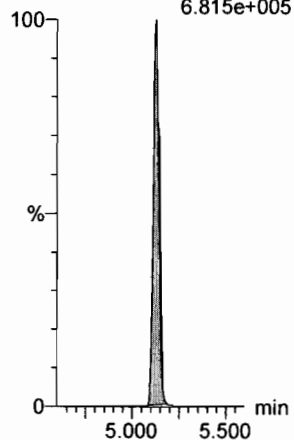
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_2, Date: 08-Mar-2018, Time: 07:41:47, ID: ST180307M2-1 PFC CS-2 18B2813, Description: PFC CS-2 18B2813

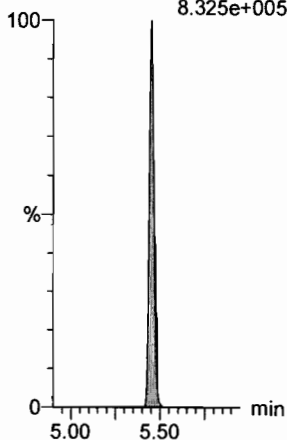
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
6.815e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
8.325e+005



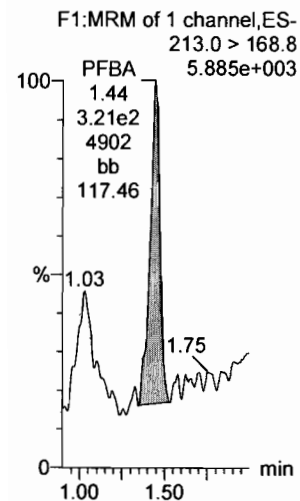
Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

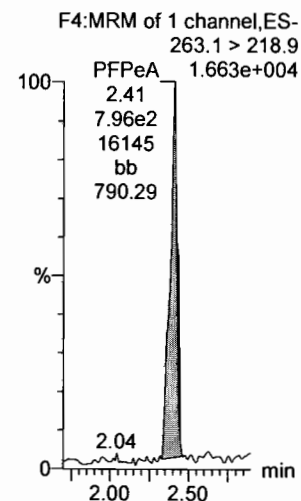
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_3, Date: 08-Mar-2018, Time: 07:53:13, ID: ST180307M1-2 PFC CS-1 18B2814, Description: PFC CS-1 18B2814

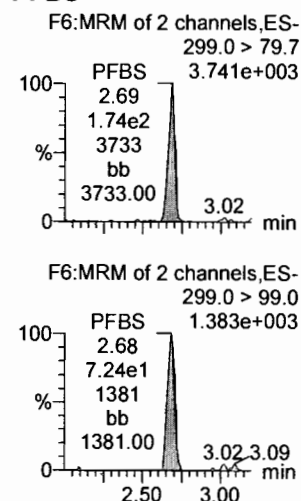
**PFBA**



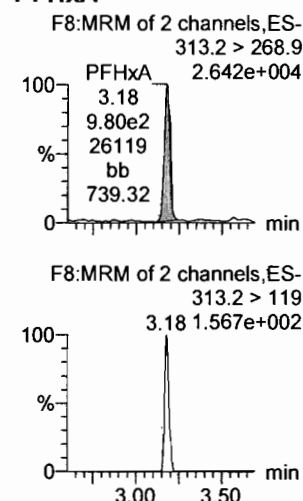
**PFPeA**



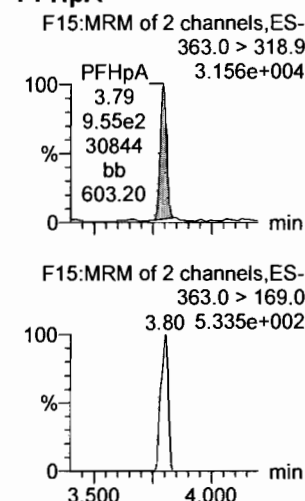
**PFBS**



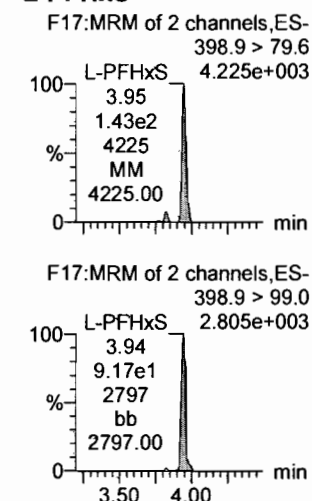
**PFHxA**



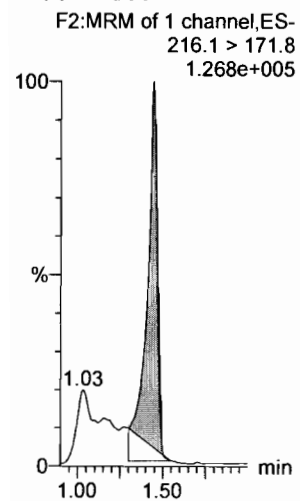
**PFHpA**



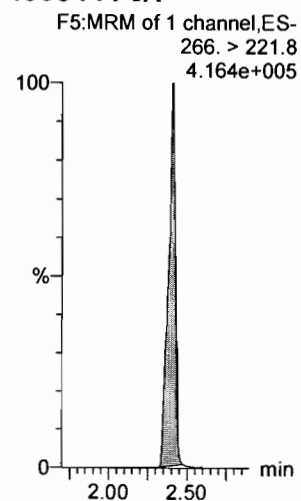
**L-PFHxS**



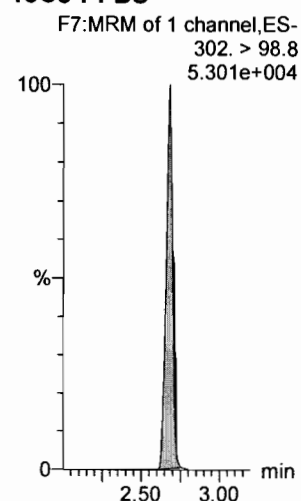
**13C3-PFBA**



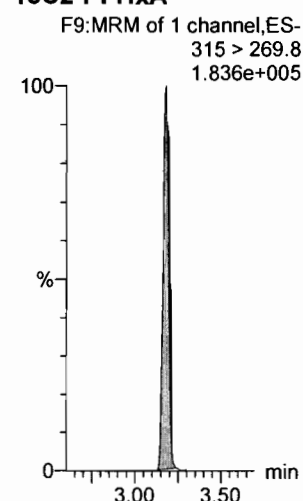
**13C3-PFPeA**



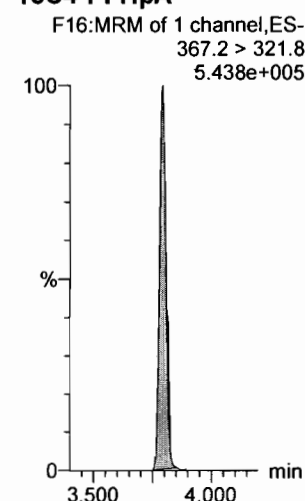
**13C3-PFBS**



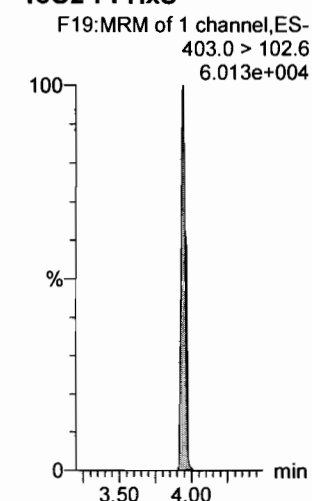
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



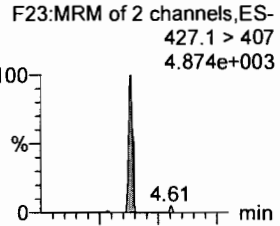
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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

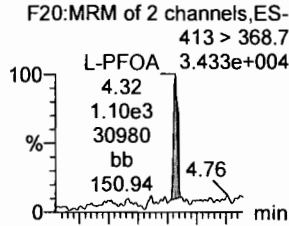
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Name: 180307M2\_3, Date: 08-Mar-2018, Time: 07:53:13, ID: ST180307M1-2 PFC CS-1 18B2814, Description: PFC CS-1 18B2814

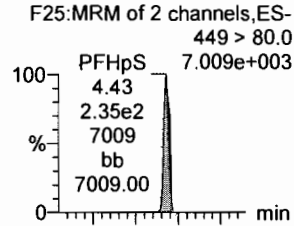
6:2 FTS



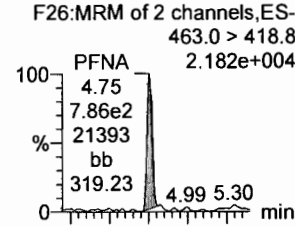
L-PFOA



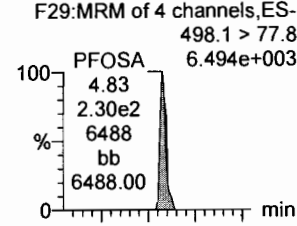
PFHpS



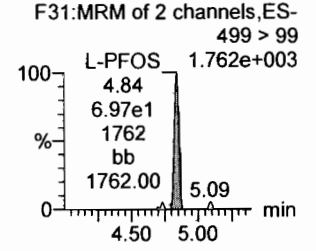
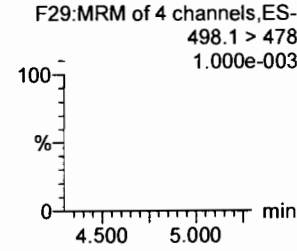
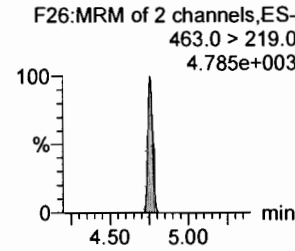
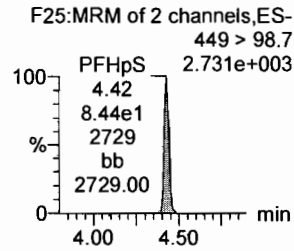
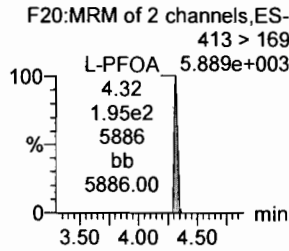
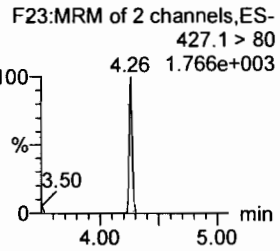
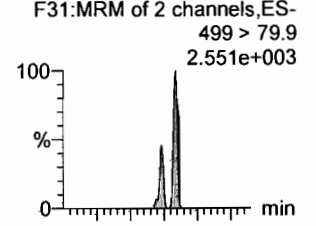
PFNA



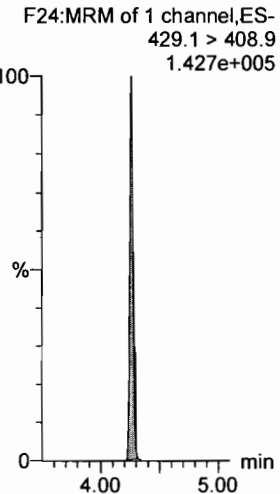
PFOSA



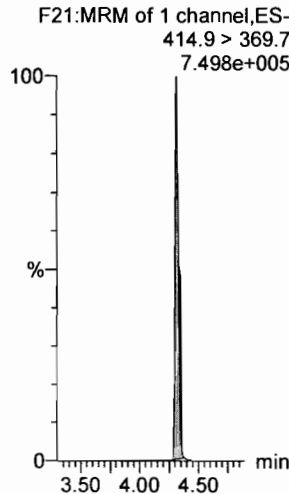
L-PFOS



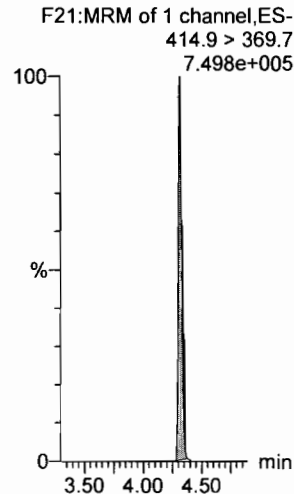
13C2-6:2 FTS



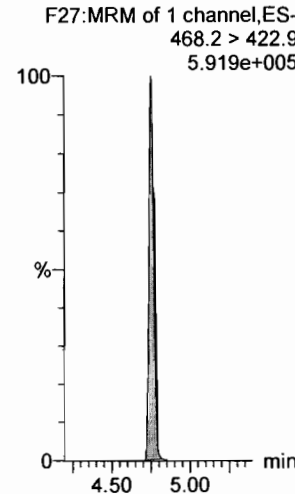
13C2-PFOA



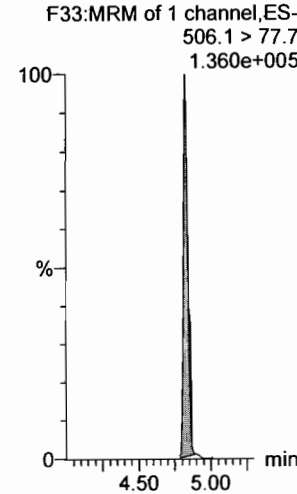
13C2-PFOA



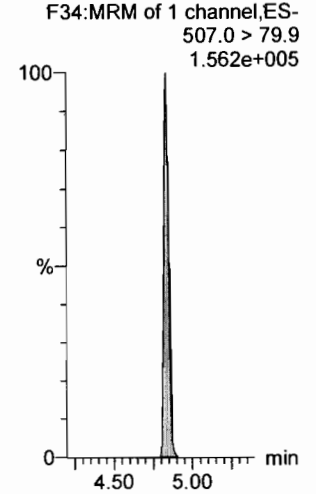
13C5-PFNA



13C8-PFOSA



13C8-PFOS



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

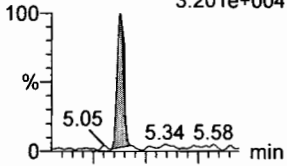
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

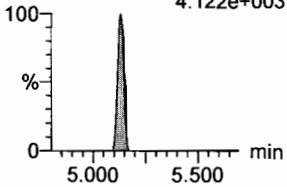
Name: 180307M2\_3, Date: 08-Mar-2018, Time: 07:53:13, ID: ST180307M1-2 PFC CS-1 18B2814, Description: PFC CS-1 18B2814

**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
3.201e+004

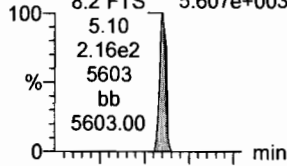


F36:MRM of 2 channels,ES-  
513 > 219  
4.122e+003

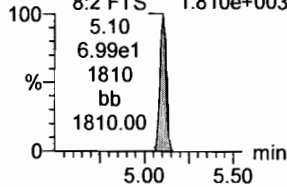


**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
5.607e+003

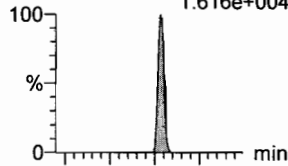


F41:MRM of 2 channels,ES-  
527 > 80  
1.810e+003

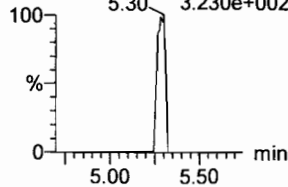


**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
1.616e+004

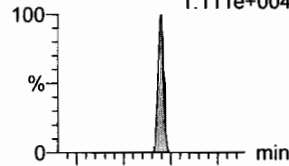


F47:MRM of 2 channels,ES-  
570.1 > 483.0  
3.230e+002

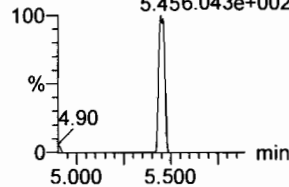


**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
1.111e+004

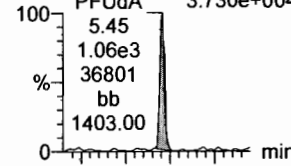


F50:MRM of 2 channels,ES-  
584.2 > 483.0  
5.456.043e+002

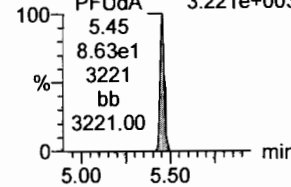


**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
3.730e+004

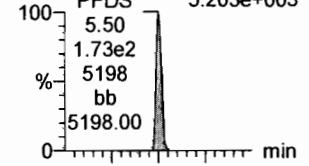


F45:MRM of 2 channels,ES-  
563.0 > 269  
3.221e+003

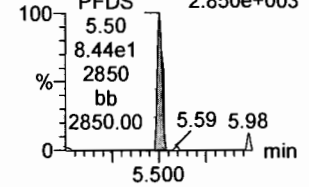


**PFDS**

F52:MRM of 2 channels,ES-  
598.8 > 80  
5.203e+003

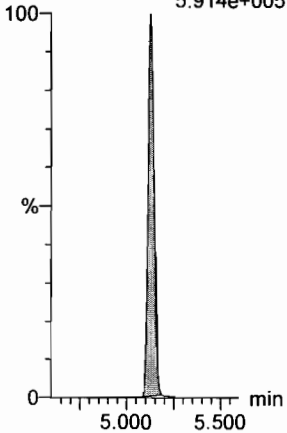


F52:MRM of 2 channels,ES-  
598.8 > 98.7  
2.850e+003



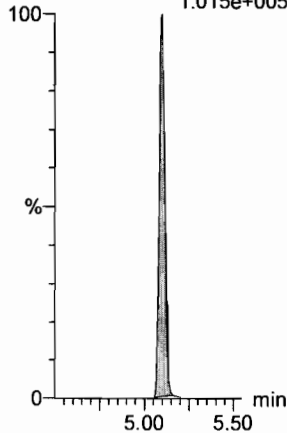
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
5.914e+005



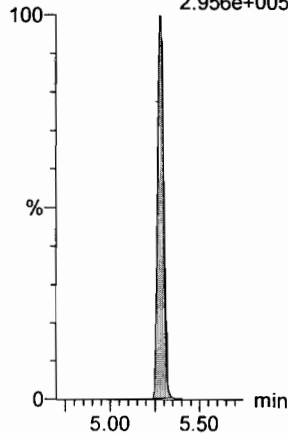
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
1.015e+005



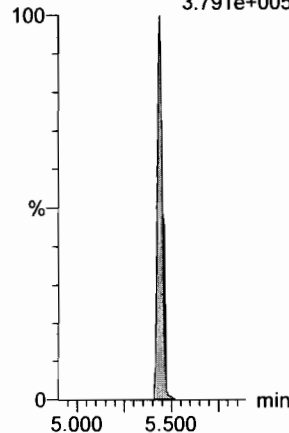
**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
2.956e+005



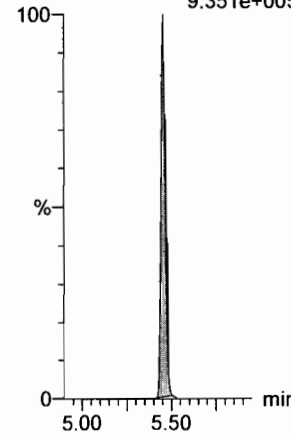
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
3.791e+005



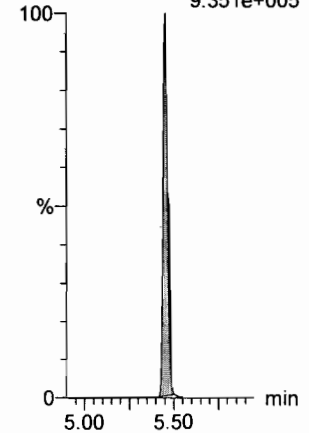
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
9.351e+005



**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
9.351e+005



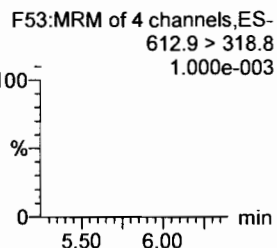
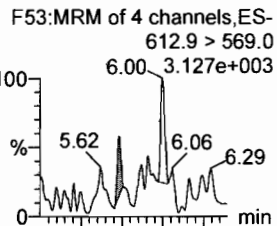
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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

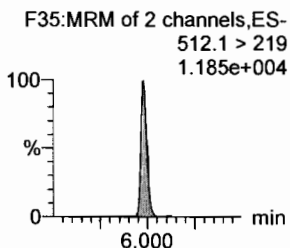
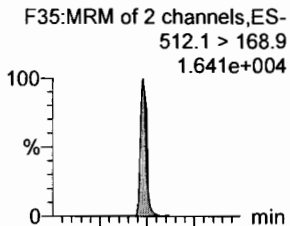
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_3, Date: 08-Mar-2018, Time: 07:53:13, ID: ST180307M1-2 PFC CS-1 18B2814, Description: PFC CS-1 18B2814

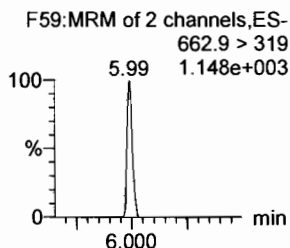
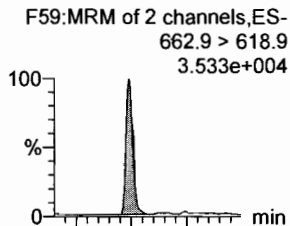
**PFDoA**



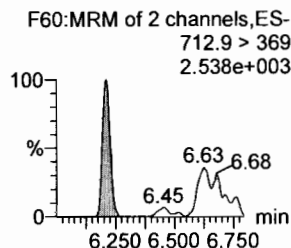
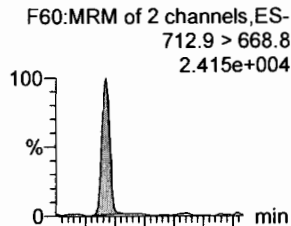
**N-MeFOSA**



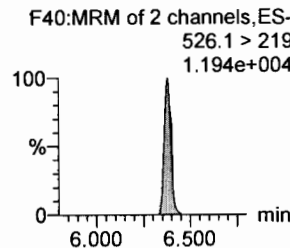
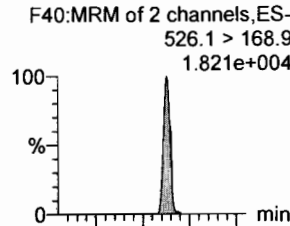
**PFTrDA**



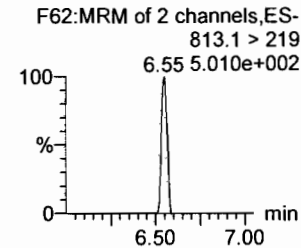
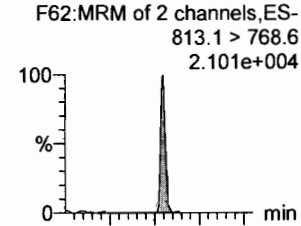
**PFTeDA**



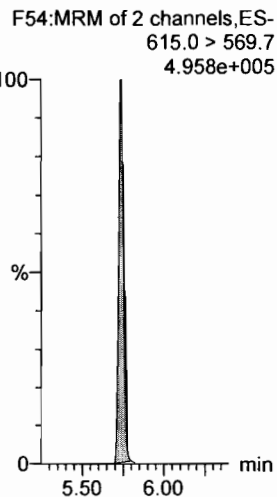
**N-EtFOSA**



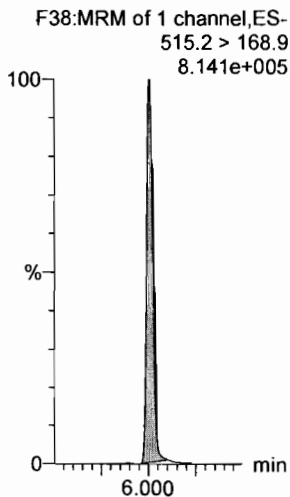
**PFHxDA**



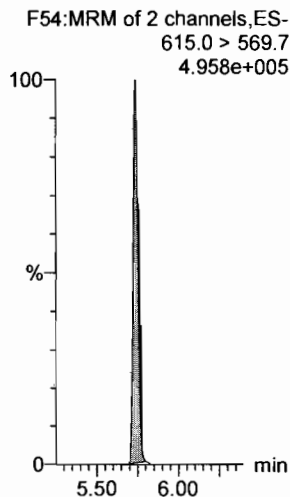
**13C2-PFDoA**



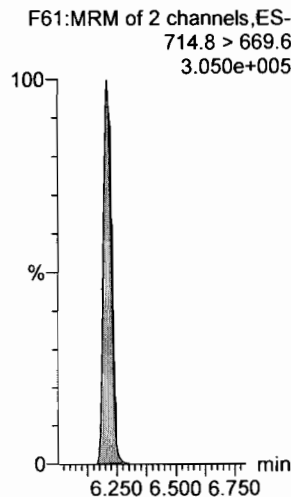
**d3-N-MeFOSA**



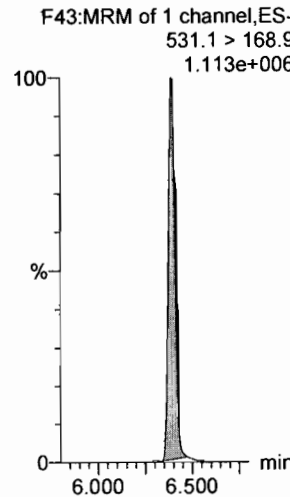
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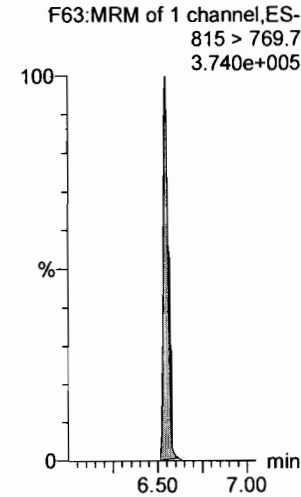
**13C2-PFTeDA**



**d5-N-ETFOSA**



**13C2-PFHxDA**





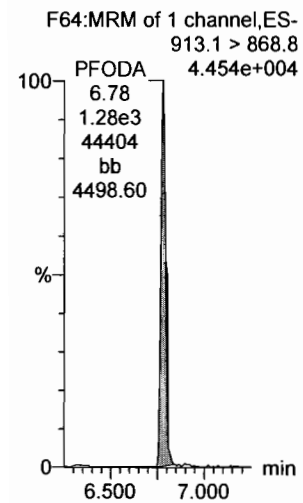
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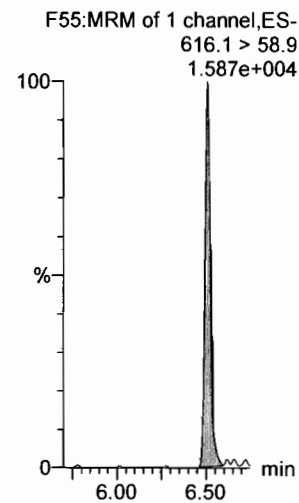
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Name: 180307M2\_3, Date: 08-Mar-2018, Time: 07:53:13, ID: ST180307M1-2 PFC CS-1 18B2814, Description: PFC CS-1 18B2814

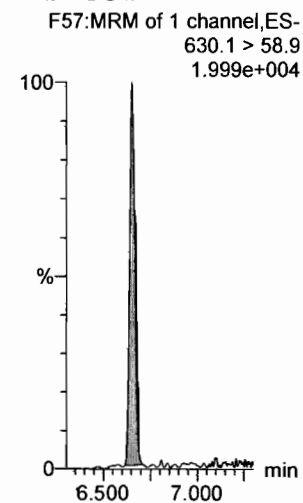
**PFODA**



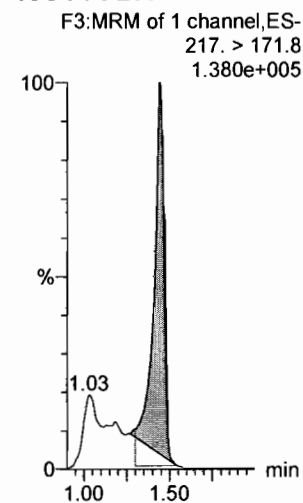
**N-MeFOSE**



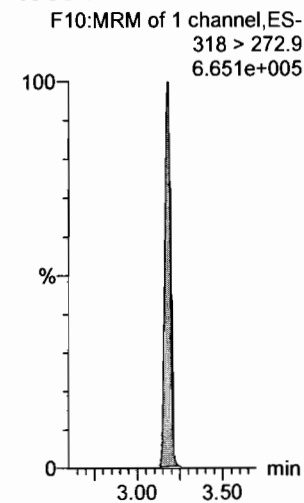
**N-EtFOSE**



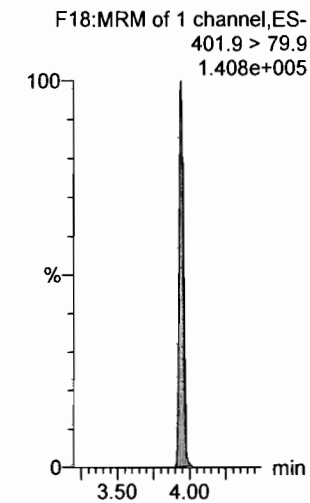
**13C4-PFBA**



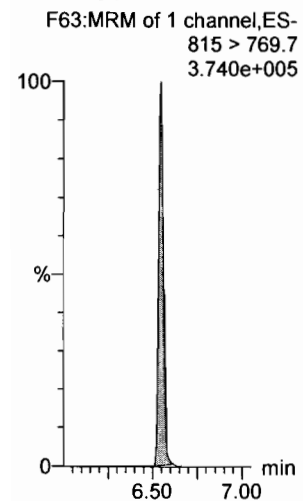
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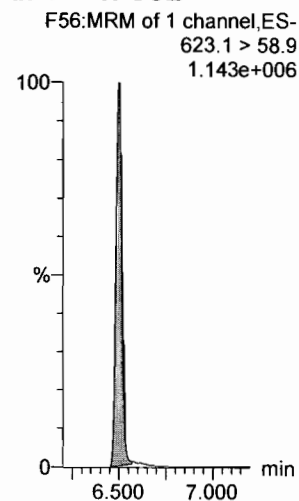
**13C3-PFHxS**



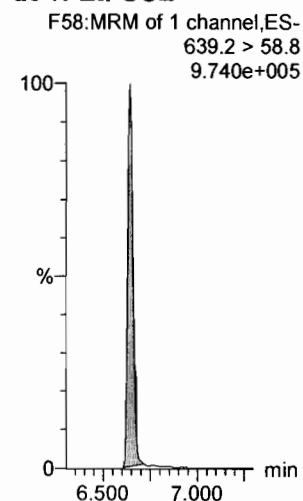
**13C2-PFHxDA**



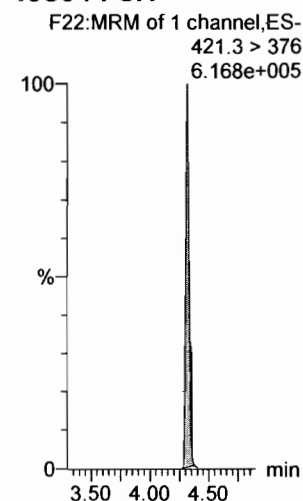
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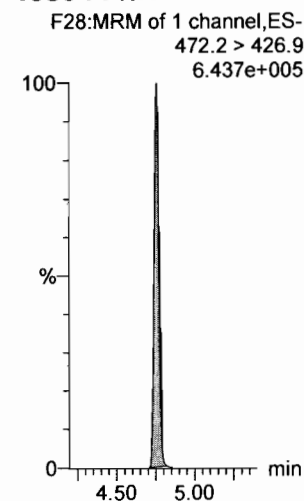
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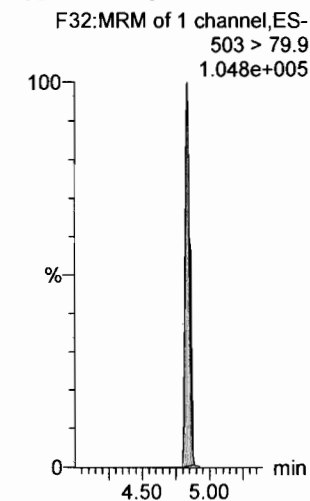
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**

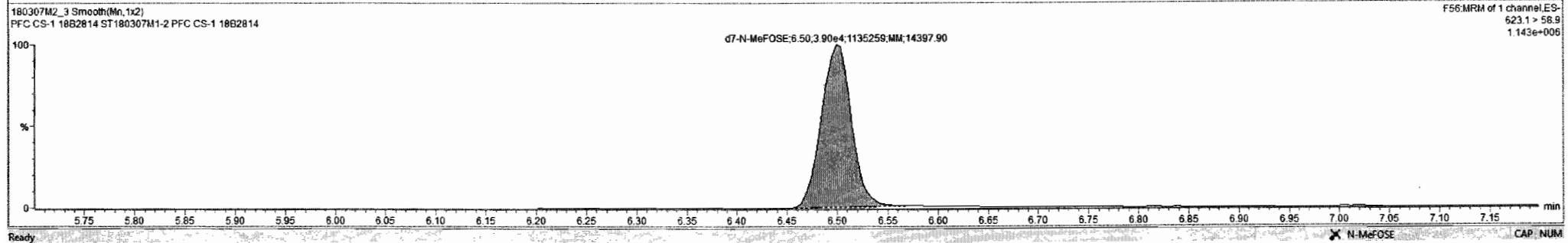
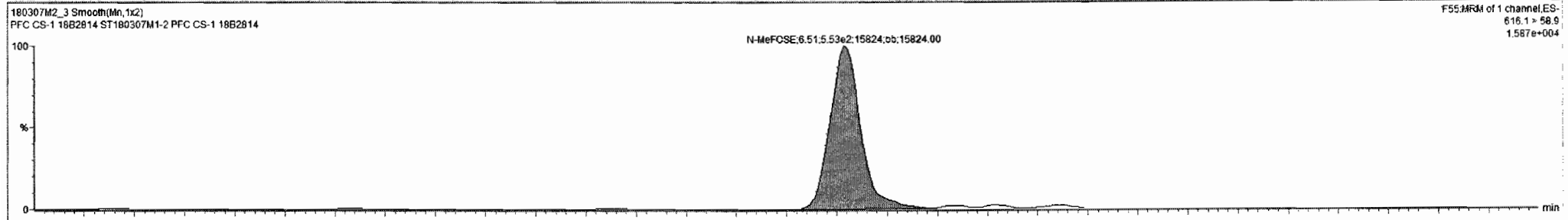


TargetLynx XS - 180307M2-CRV - [Chromatogram]

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N-MeFOSE

#	Name	Type	Std. Conc.	RT	Area	S Area	Response	Primary Flags	Conc.	%Dev	Acq. D.	Acq. T.	Cal. Date	%Rec	RPF	Divisor
1	180307M2_2	Standard	1.250	6.51	237.013	39005.652	0.911	bb	0.3	-77.2	08-Mar	07:41:47	09-Mar...	22.8	0.729	1.0
2	180307M2_3	Standard	2.500	6.51	563.363	39011.109	2.128	bb	1.6	-27.9	08-Mar	07:53:13	09-Mar...	72.1	0.851	1.0
3	180307M2_4	Standard	5.000	6.51	1264.549	34824.887	5.447	bb	5.9	18.8	08-Mar	08:04:42	09-Mar...	118.8	1.089	1.0
4	180307M2_5	Standard	10.000	6.51	2408.220	33766.207	10.697	bb	12.5	24.8	08-Mar	08:16:12	09-Mar...	124.8	1.070	1.0
5	180307M2_6	Standard	25.000	6.51	5310.190	33783.949	23.577	bb	28.5	14.2	08-Mar	08:27:42	09-Mar...	114.2	0.943	1.0
6	180307M2_7	Standard	50.000	6.51	9153.002	28439.365	48.276	MM	59.3	18.7	08-Mar	08:39:12	09-Mar...	118.7	0.966	1.0
7	180307M2_8	Standard	250.000	6.51	62198.898	36806.313	253.485	bb	315.1	26.0	08-Mar	08:50:42	09-Mar...	126.0	1.014	1.0
8	180307M2_9	Standard	500.000	6.51	104114.391	36876.336	423.501	MM	527.0	5.4	08-Mar	09:02:11	09-Mar...	105.4	0.847	1.0
9	180307M2_10	Standard	1250.000	6.51	221964.281	32206.164	1033.880	bb	1287.9	3.0	08-Mar	09:13:38	09-Mar...	103.0	0.627	1.0
10	180307M2_11	Standard	2500.000	6.51	434045.250	34443.641	1890.241	MM	2356.3	-5.8	08-Mar	09:25:07	09-Mar...	94.2	0.756	1.0



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

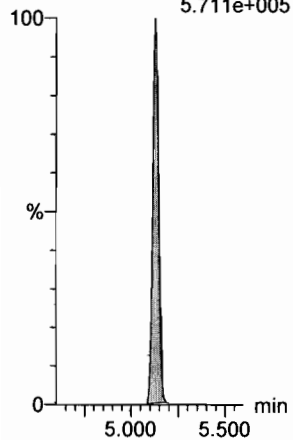
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Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

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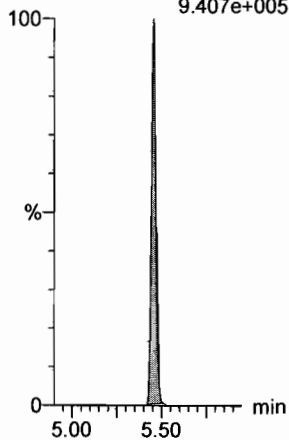
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
5.711e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
9.407e+005



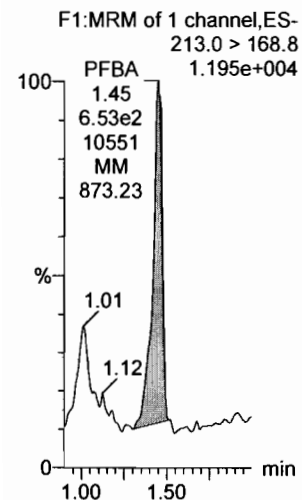
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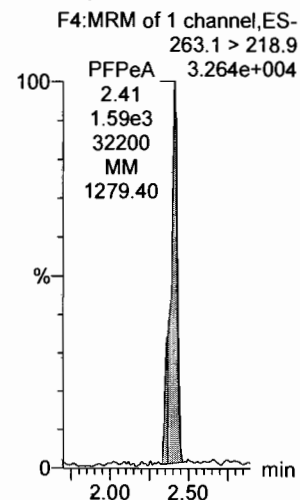
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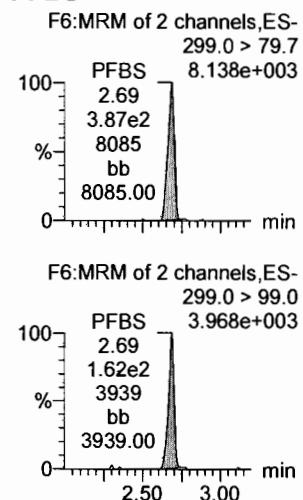
**PFBA**



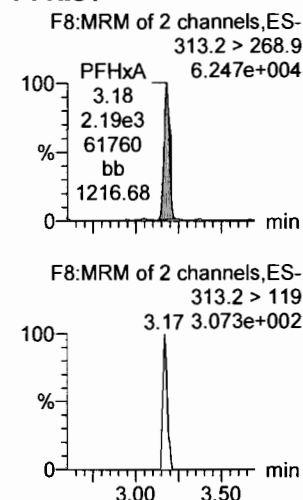
**PFPeA**



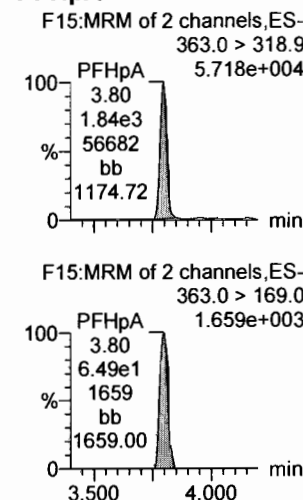
**PFBS**



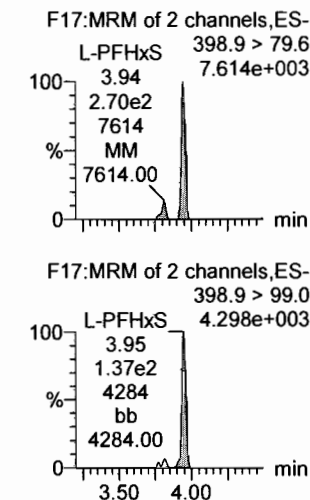
**PFHxA**



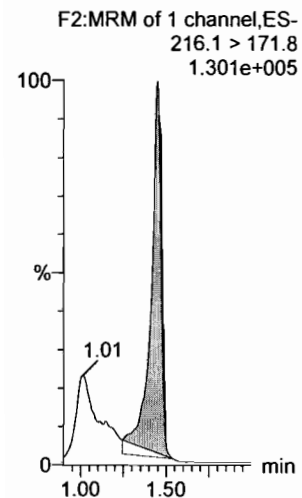
**PFHpA**



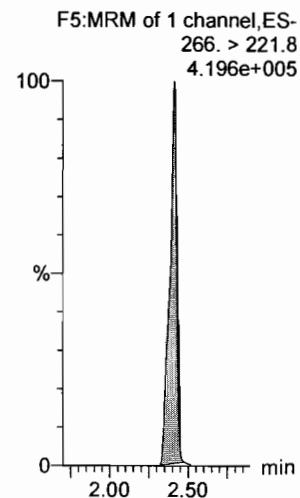
**L-PFHxS**



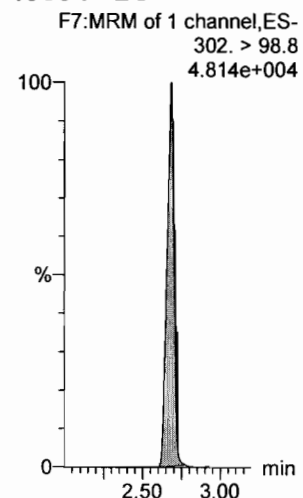
**13C3-PFBA**



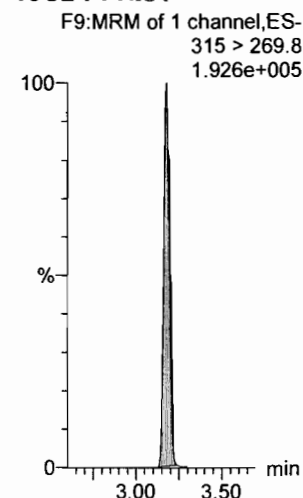
**13C3-PFPeA**



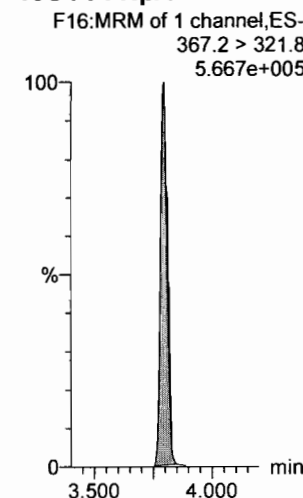
**13C3-PFBS**



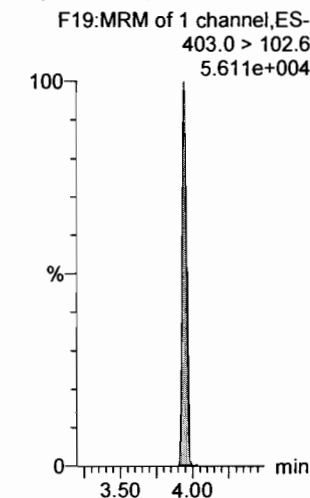
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



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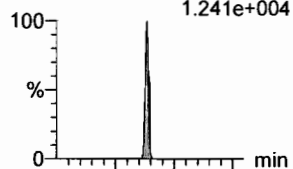
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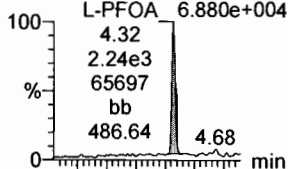
6:2 FTS

F23:MRM of 2 channels,ES-  
427.1 > 407  
1.241e+004



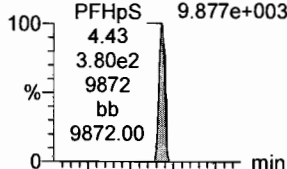
L-PFOA

F20:MRM of 2 channels,ES-  
413 > 368.7  
6.880e+004



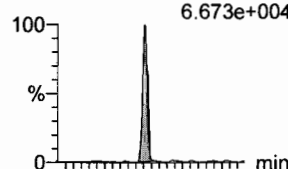
PFHpS

F25:MRM of 2 channels,ES-  
449 > 80.0  
9.877e+003



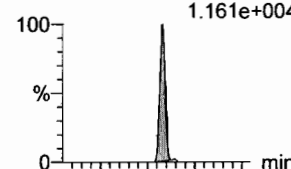
PFNA

F26:MRM of 2 channels,ES-  
463.0 > 418.8  
6.673e+004



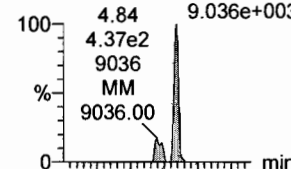
PFOSA

F29:MRM of 4 channels,ES-  
498.1 > 77.8  
1.161e+004

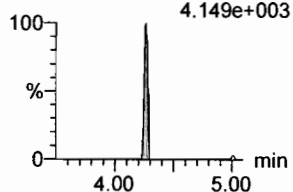


L-PFOS

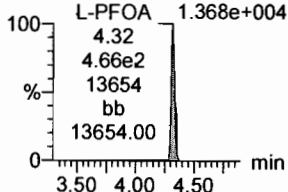
F31:MRM of 2 channels,ES-  
L-PFOS 499 > 79.9  
9.036e+003



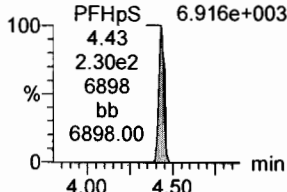
F23:MRM of 2 channels,ES-  
427.1 > 80  
4.149e+003



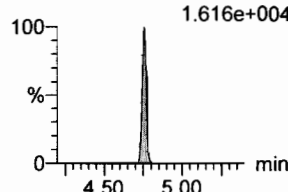
F20:MRM of 2 channels,ES-  
413 > 169  
1.368e+004



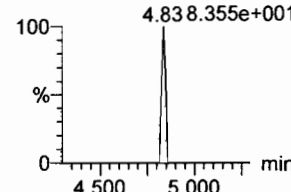
F25:MRM of 2 channels,ES-  
449 > 98.7  
6.916e+003



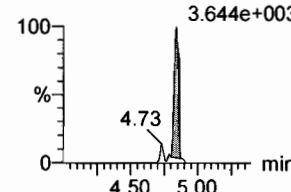
F26:MRM of 2 channels,ES-  
463.0 > 219.0  
1.616e+004



F29:MRM of 4 channels,ES-  
498.1 > 478  
4.83 8.355e+001

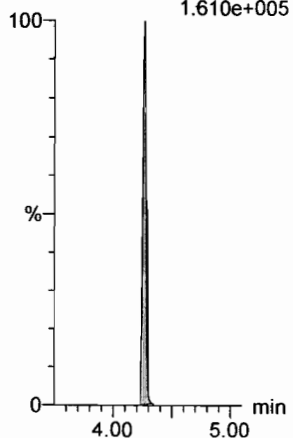


F31:MRM of 2 channels,ES-  
499 > 99  
3.644e+003



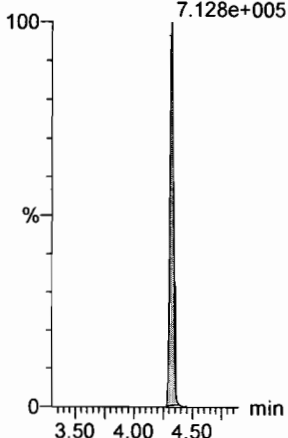
13C2-6:2 FTS

F24:MRM of 1 channel,ES-  
429.1 > 408.9  
1.610e+005



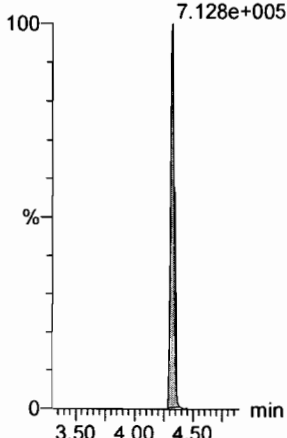
13C2-PFOA

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
7.128e+005



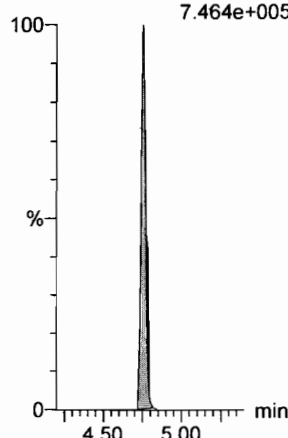
13C2-PFOA

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
7.128e+005



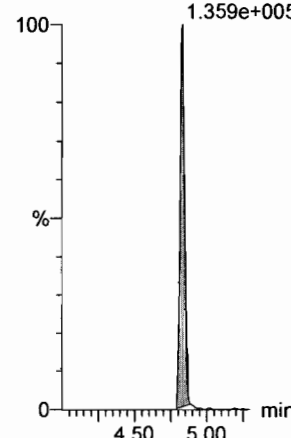
13C5-PFNA

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
7.464e+005



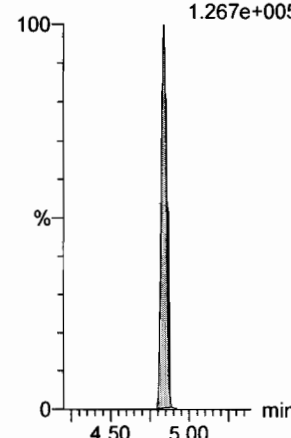
13C8-PFOSA

F33:MRM of 1 channel,ES-  
506.1 > 77.7  
1.359e+005



13C8-PFOS

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
1.267e+005



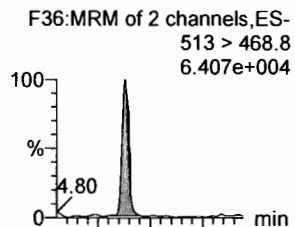
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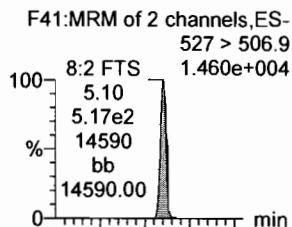
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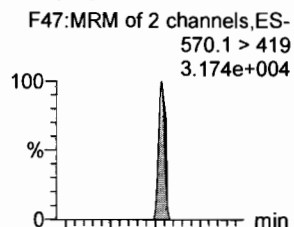
**PFDA**



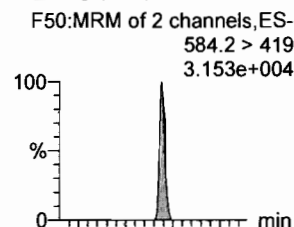
**8:2 FTS**



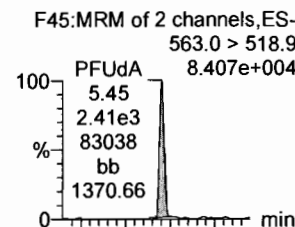
**N-MeFOSAA**



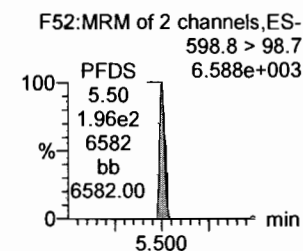
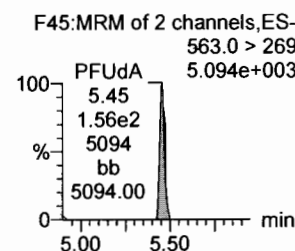
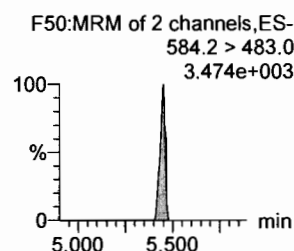
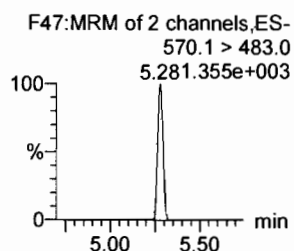
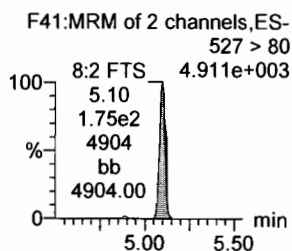
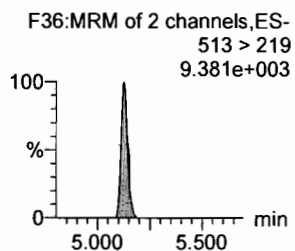
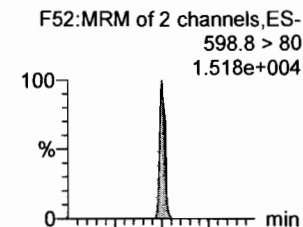
**N-EtFOSAA**



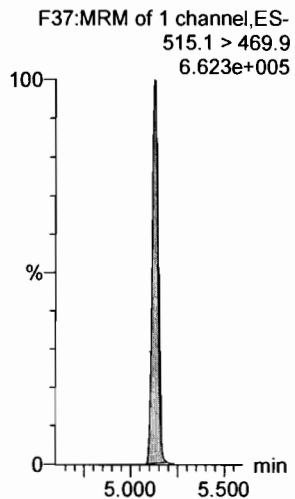
**PFUdA**



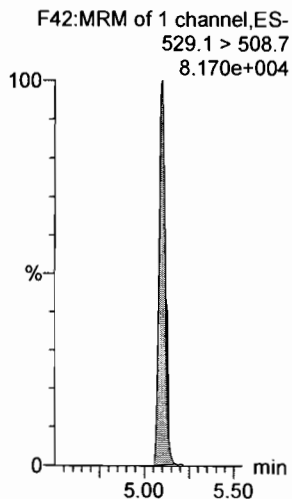
**PFDS**



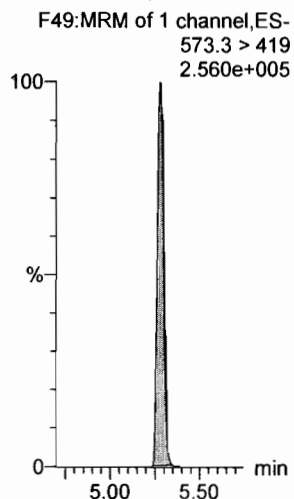
**13C2-PFDA**



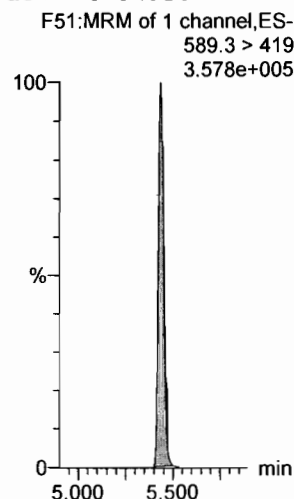
**13C2-8:2 FTS**



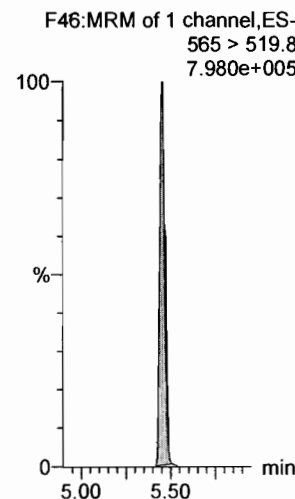
**d3-N-MeFOSAA**



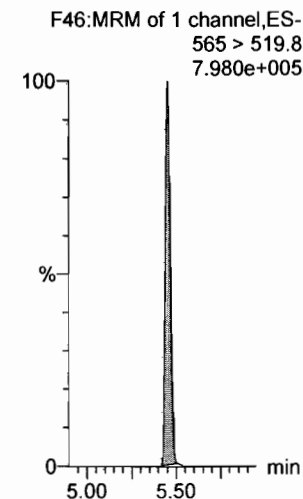
**d5-N-EtFOSAA**



**13C2-PFUdA**



**13C2-PFUdA**

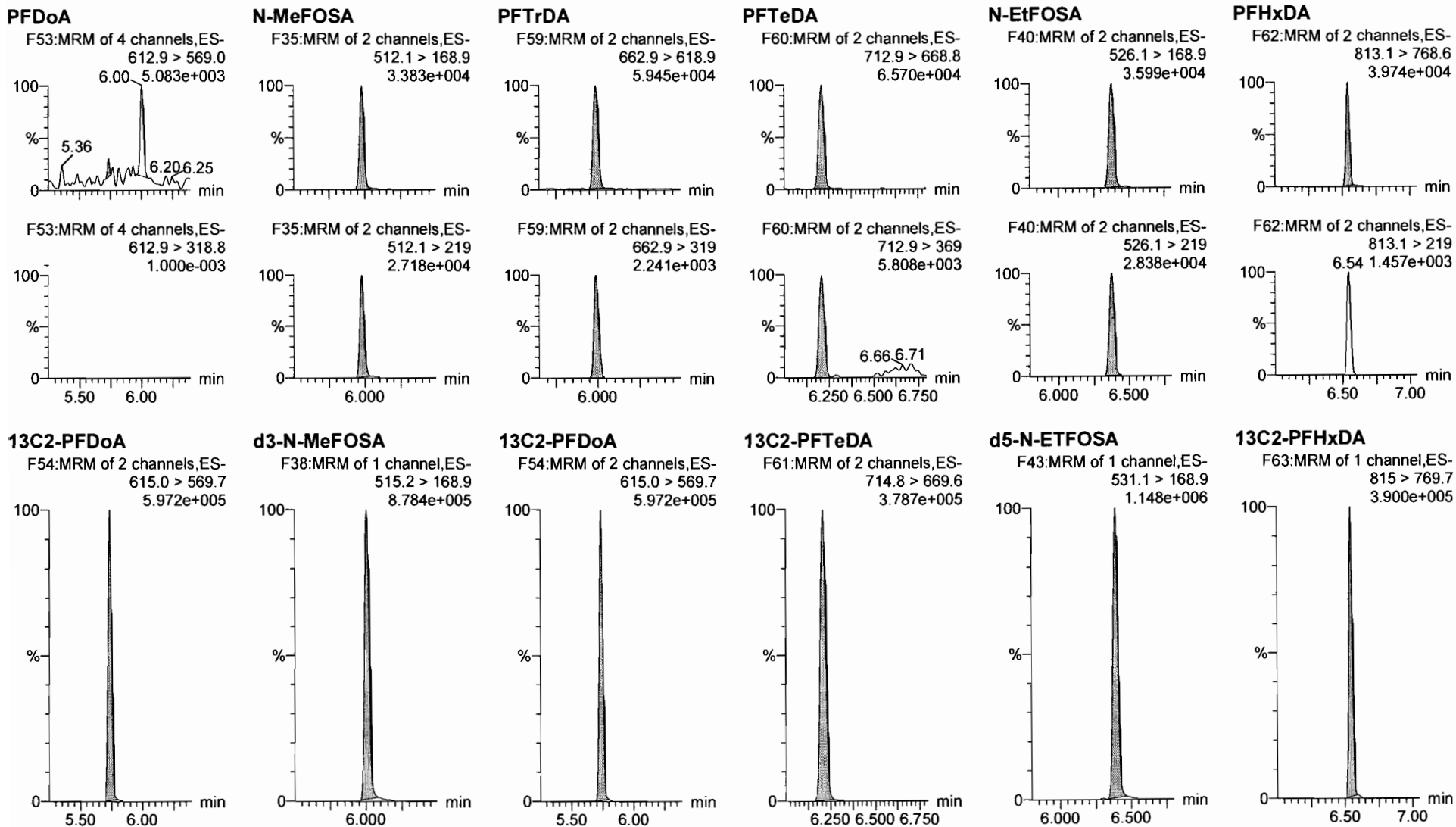


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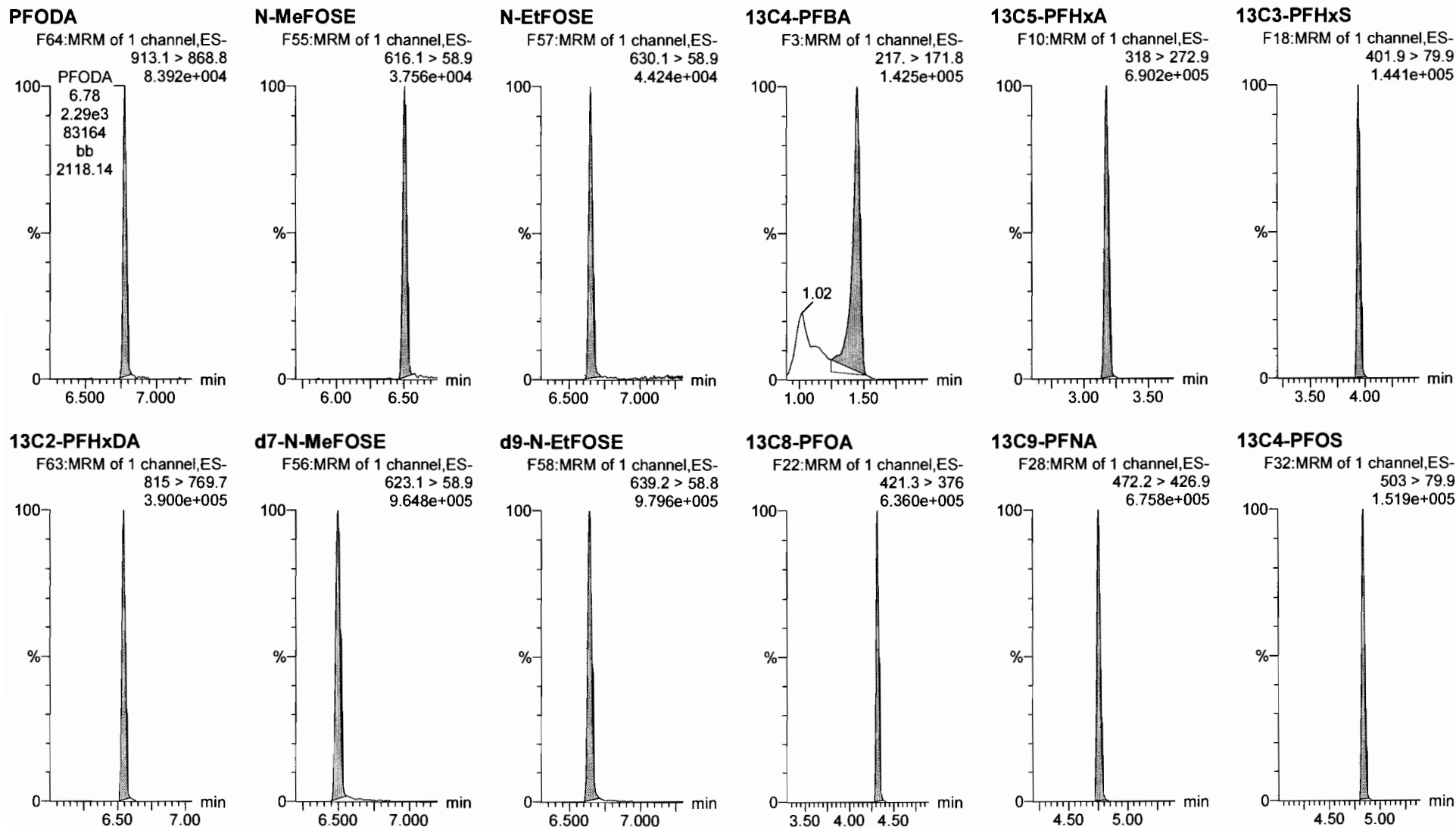


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Name: 180307M2\_4, Date: 08-Mar-2018, Time: 08:04:42, ID: ST180307M1-3 PFC CS0 18B2815, Description: PFC CS0 18B2815





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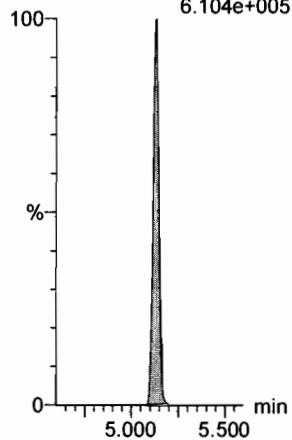
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Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

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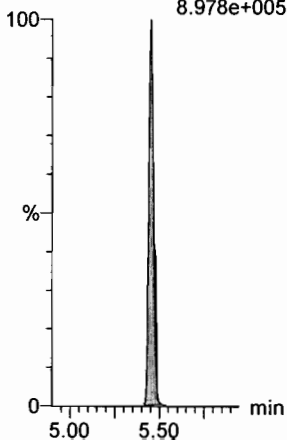
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
6.104e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
8.978e+005



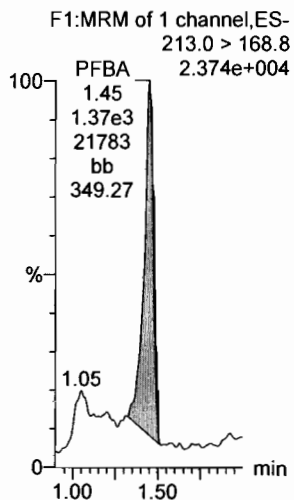
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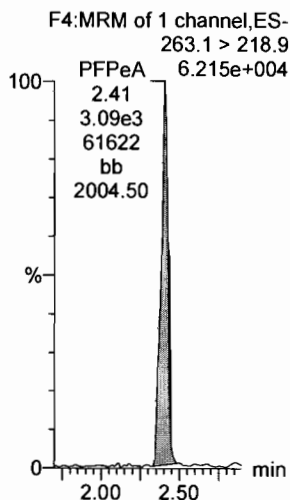
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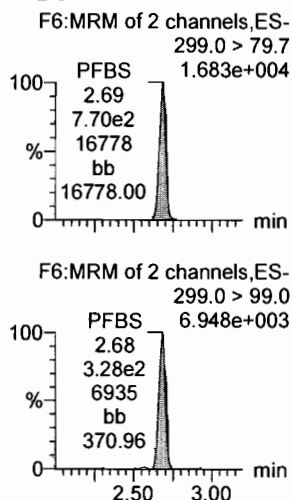
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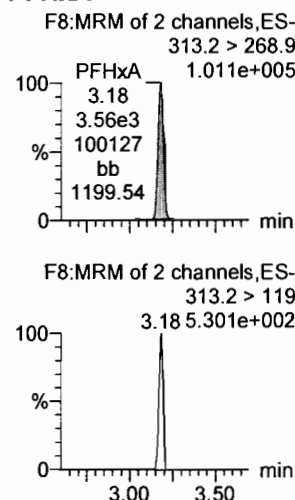
**PFPeA**



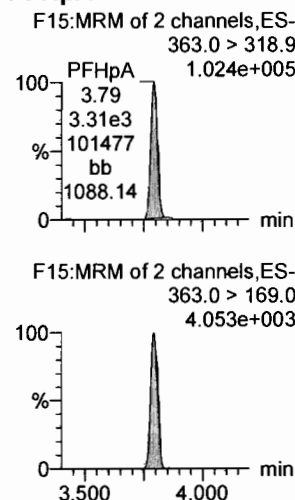
**PFBS**



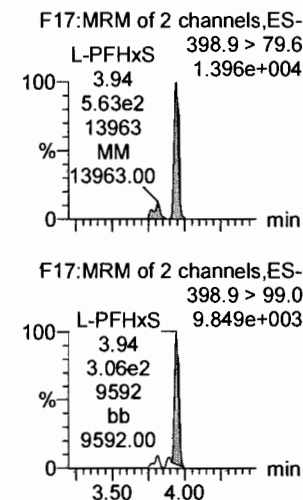
**PFHxA**



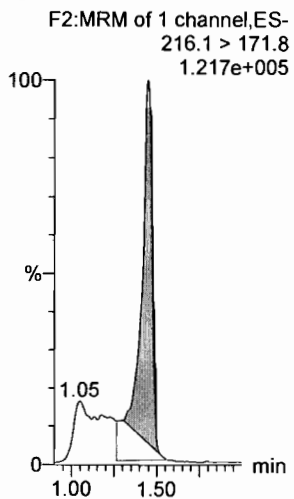
**PFHpA**



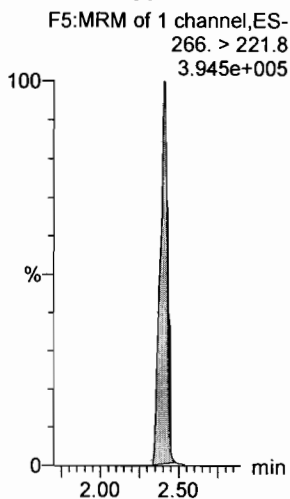
**L-PFHxS**



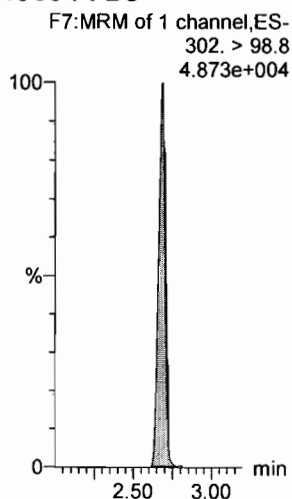
**13C3-PFBA**



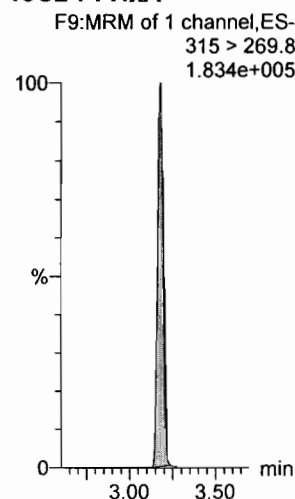
**13C3-PFPeA**



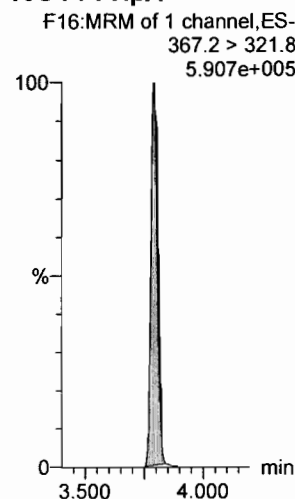
**13C3-PFBS**



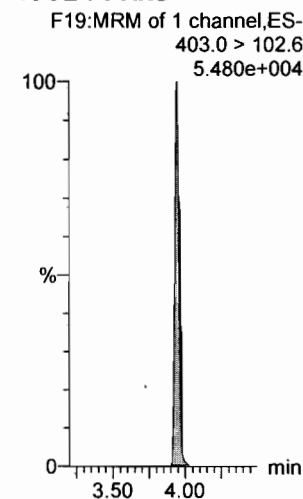
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

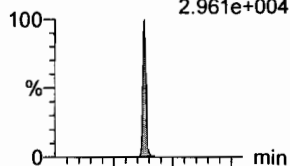
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

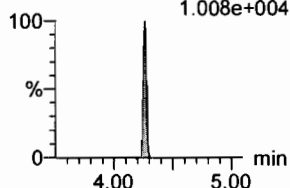
Name: 180307M2\_5, Date: 08-Mar-2018, Time: 08:16:12, ID: ST180307M1-4 PFC CS1 18B2816, Description: PFC CS1 18B2816

**6:2 FTS**

F23:MRM of 2 channels,ES-  
427.1 > 407  
2.961e+004

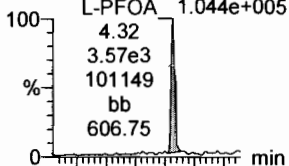


F23:MRM of 2 channels,ES-  
427.1 > 80  
1.008e+004

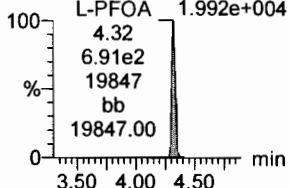


**L-PFOA**

F20:MRM of 2 channels,ES-  
413 > 368.7  
1.044e+005

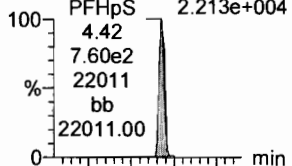


F20:MRM of 2 channels,ES-  
413 > 169  
1.992e+004

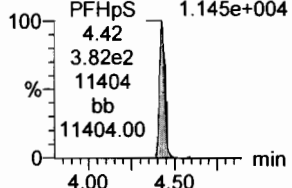


**PFHpS**

F25:MRM of 2 channels,ES-  
449 > 80.0  
2.213e+004

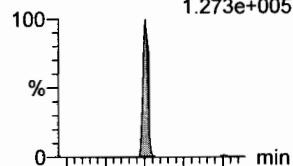


F25:MRM of 2 channels,ES-  
449 > 98.7  
1.145e+004

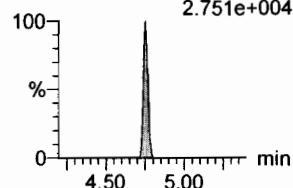


**PFNA**

F26:MRM of 2 channels,ES-  
463.0 > 418.8  
1.273e+005

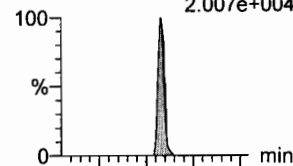


F26:MRM of 2 channels,ES-  
463.0 > 219.0  
2.751e+004

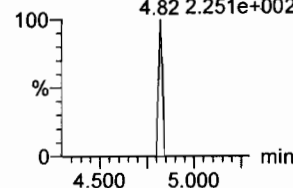


**PFOSA**

F29:MRM of 4 channels,ES-  
498.1 > 77.8  
2.007e+004

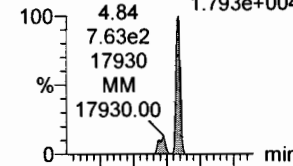


F29:MRM of 4 channels,ES-  
498.1 > 478  
4.82 2.251e+002

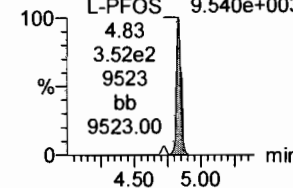


**L-PFOS**

F31:MRM of 2 channels,ES-  
499 > 79.9  
1.793e+004

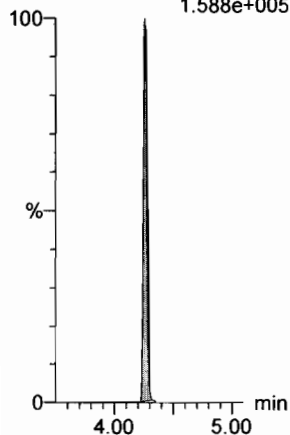


F31:MRM of 2 channels,ES-  
499 > 99  
9.540e+003



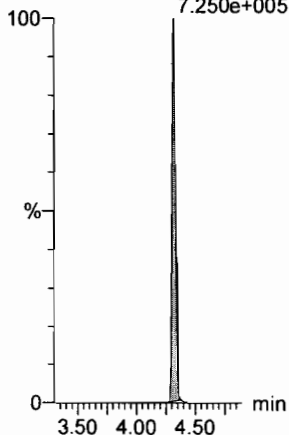
**13C2-6:2 FTS**

F24:MRM of 1 channel,ES-  
429.1 > 408.9  
1.588e+005



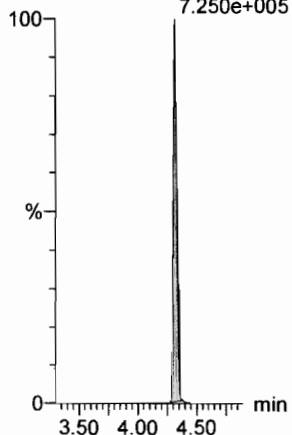
**13C2-PFOA**

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
7.250e+005



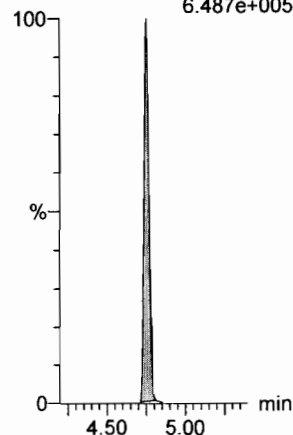
**13C2-PFOA**

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
7.250e+005



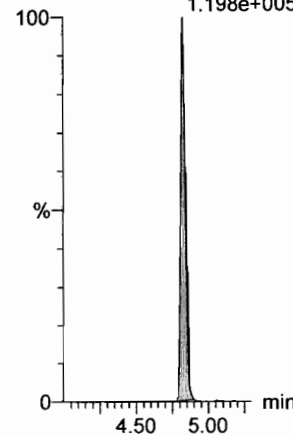
**13C5-PFNA**

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
6.487e+005



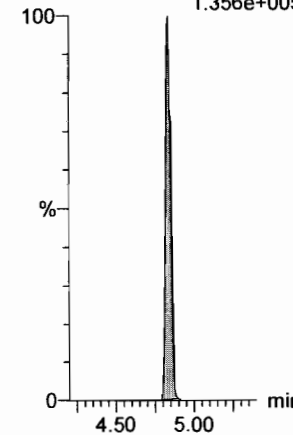
**13C8-PFOA**

F33:MRM of 1 channel,ES-  
506.1 > 77.7  
1.198e+005



**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
1.356e+005



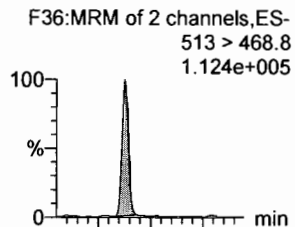
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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

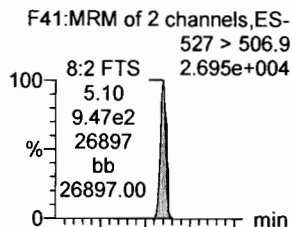
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_5, Date: 08-Mar-2018, Time: 08:16:12, ID: ST180307M1-4 PFC CS1 18B2816, Description: PFC CS1 18B2816

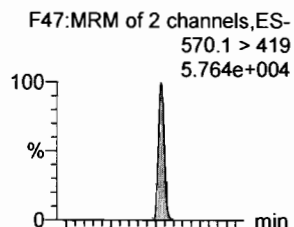
**PFDA**



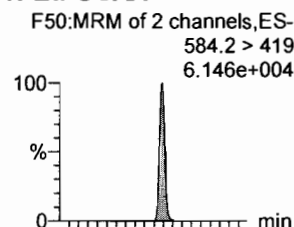
**8:2 FTS**



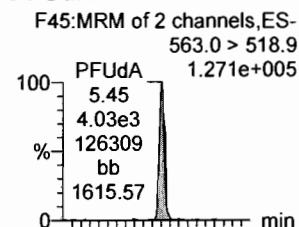
**N-MeFOSAA**



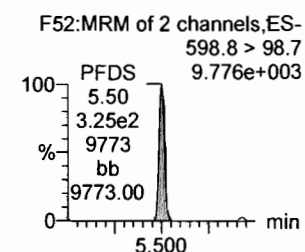
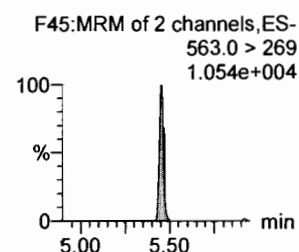
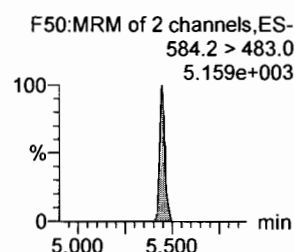
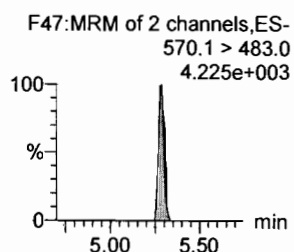
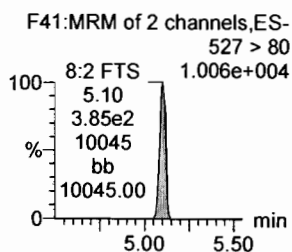
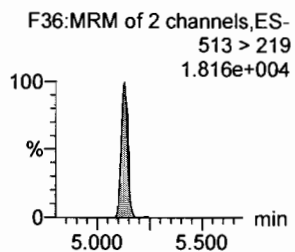
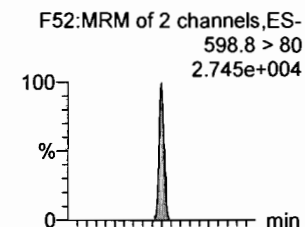
**N-EtFOSAA**



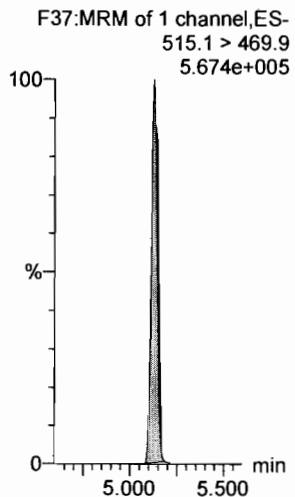
**PFUdA**



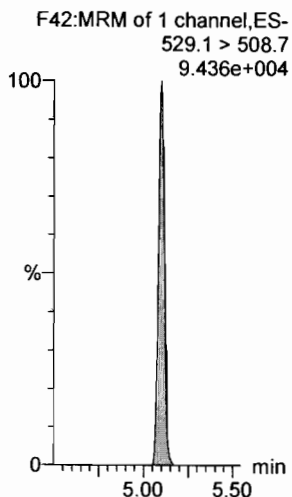
**PFDS**



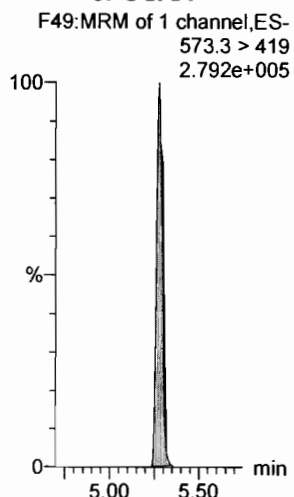
**13C2-PFDA**



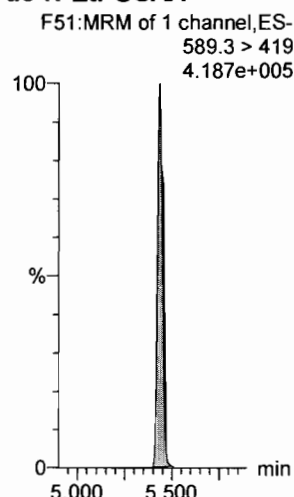
**13C2-8:2 FTS**



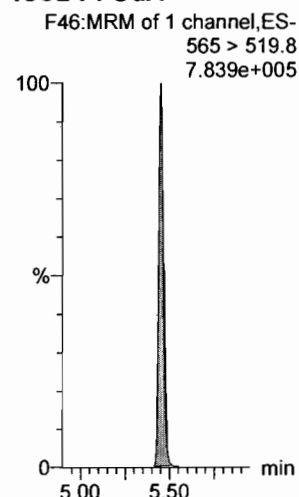
**d3-N-MeFOSAA**



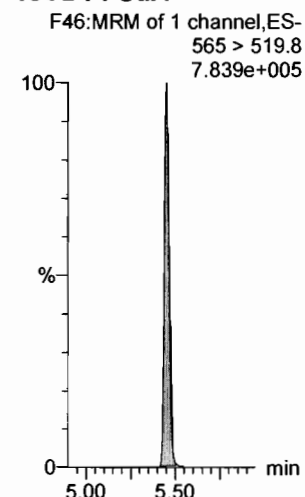
**d5-N-EtFOSAA**



**13C2-PFUdA**



**13C2-PFUdA**



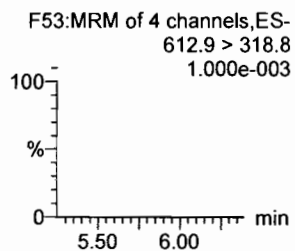
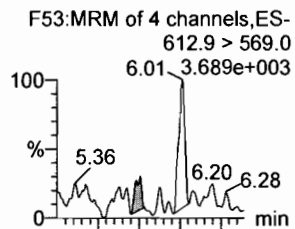
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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

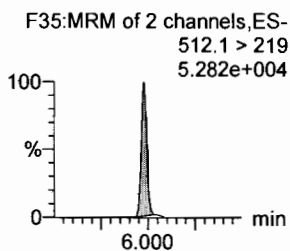
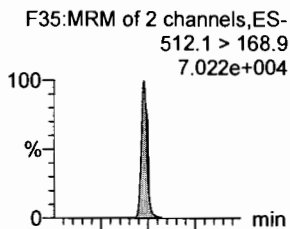
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_5, Date: 08-Mar-2018, Time: 08:16:12, ID: ST180307M1-4 PFC CS1 18B2816, Description: PFC CS1 18B2816

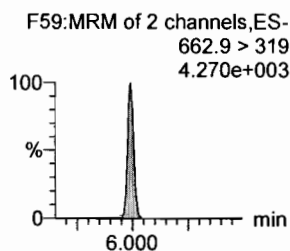
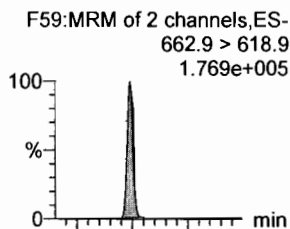
**PFDoA**



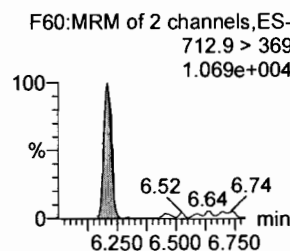
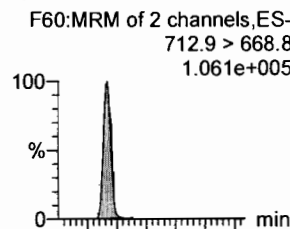
**N-MeFOSA**



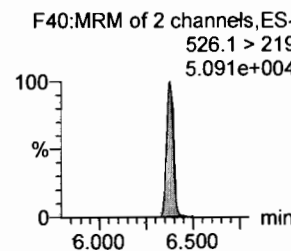
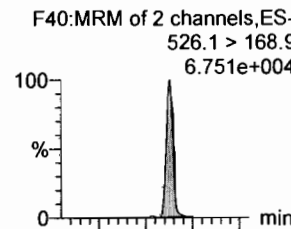
**PFTeDA**



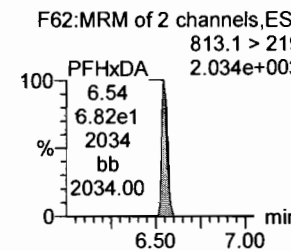
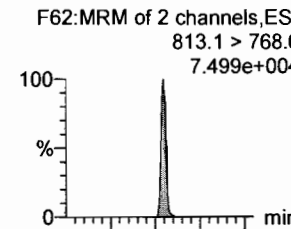
**PFTeDA**



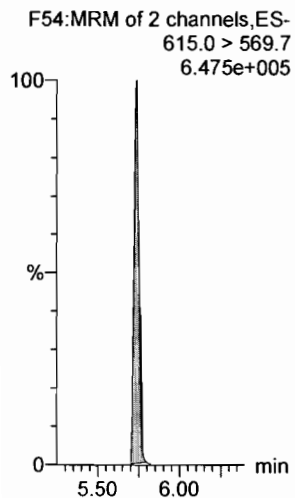
**N-EtFOSA**



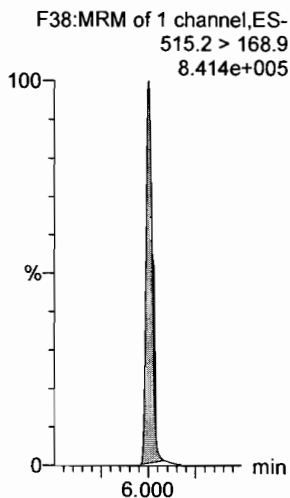
**PFHxDA**



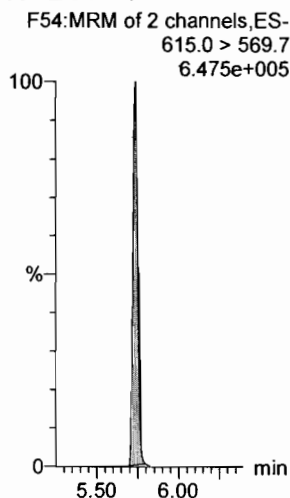
**13C2-PFDoA**



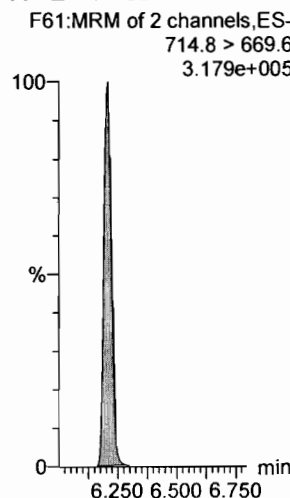
**d3-N-MeFOSA**



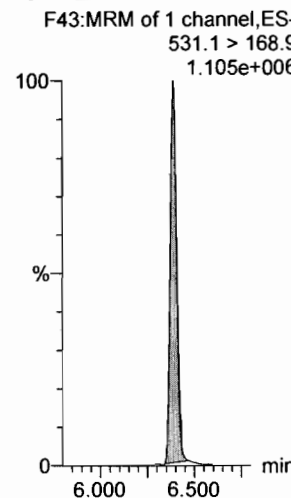
**13C2-PFTeDA**



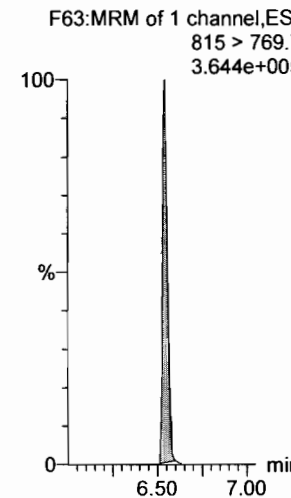
**13C2-PFTeDA**



**d5-N-ETFOSA**



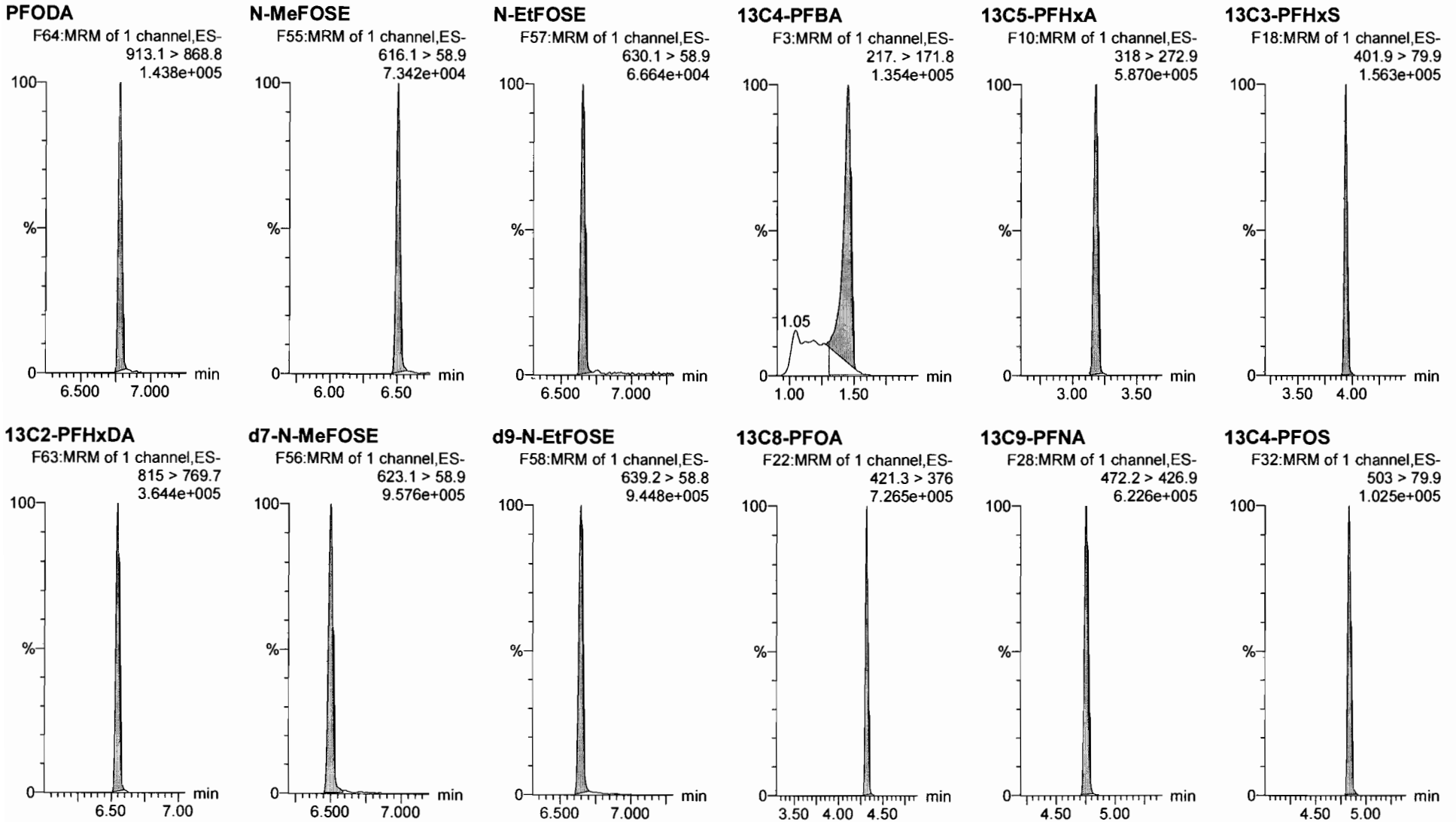
**13C2-PFHxDA**



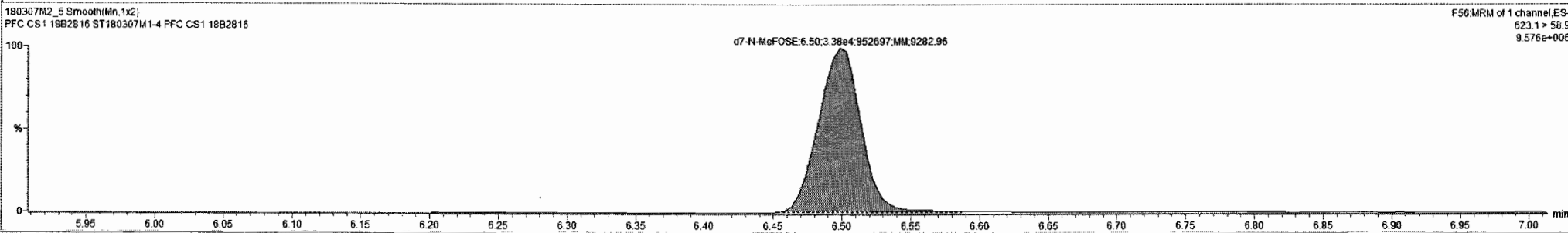
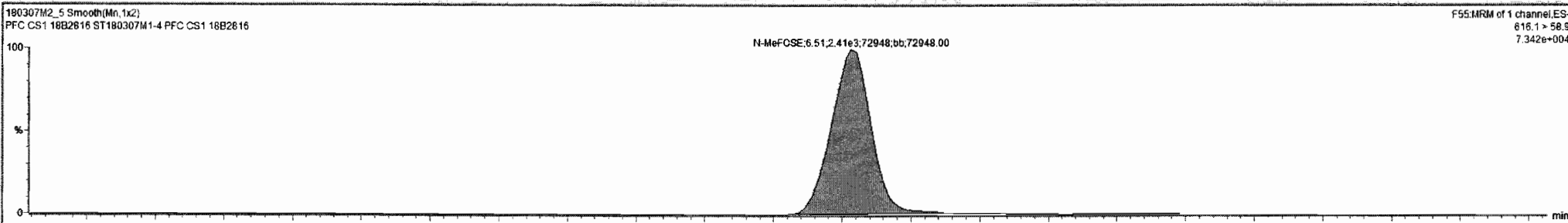
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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time  
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_5, Date: 08-Mar-2018, Time: 08:16:12, ID: ST180307M1-4 PFC CS1 18B2816, Description: PFC CS1 18B2816



#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Primary Flag	Conc	%Dev	Acq.D.	Acq.TL	Cal Date	%Rec	RRF	Division
1	180307M2_2	Standard	1.250	6.51	237.013	39005.652	0.911	bb	0.3	-77.2	08-Mar...	07:41:47	09/Mar...	22.8	0.729	1.0
2	180307M2_3	Standard	2.500	6.51	553.383	39011.109	2.128	bb	1.8	-27.9	08-Mar...	07:53:13	09/Mar...	72.1	0.851	1.0
3	180307M2_4	Standard	5.000	6.51	1264.549	34824.887	5.447	bb	5.9	18.8	08-Mar...	08:04:42	09/Mar...	118.8	1.089	1.0
4	180307M2_5	Standard	10.000	6.51	2496.220	83766.287	10.697	bb	12.5	24.8	08-Mar...	08:16:12	09/Mar...	124.8	1.070	1.0
5	180307M2_6	Standard	25.000	6.51	5310.190	33783.949	23.577	bb	28.5	14.2	08-Mar...	08:27:42	09/Mar...	114.2	0.943	1.0
6	180307M2_7	Standard	50.000	6.51	9153.002	28439.365	48.276	MM	59.3	18.7	08-Mar...	08:39:12	09/Mar...	118.7	0.966	1.0
7	180307M2_8	Standard	250.000	6.51	62198.898	36806.313	253.485	bb	315.1	26.0	08-Mar...	08:50:42	09/Mar...	126.0	1.014	1.0
8	180307M2_9	Standard	500.000	6.51	104114.391	36876.336	423.501	MM	527.0	5.4	08-Mar...	09:02:11	09/Mar...	105.4	0.847	1.0
9	180307M2_10	Standard	1250.000	6.51	221984.281	32206.184	1033.880	bb	1287.9	3.0	08-Mar...	09:13:38	09/Mar...	103.0	0.827	1.0
10	180307M2_11	Standard	2500.000	6.51	434045.250	34443.641	1890.241	MM	2355.3	-5.8	08-Mar...	09:25:07	09/Mar...	94.2	0.756	1.0



Custom Reporting: Select reports to generate

X N-MeFOSE CAP NUM

Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

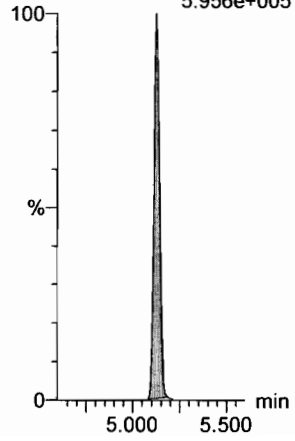
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_5, Date: 08-Mar-2018, Time: 08:16:12, ID: ST180307M1-4 PFC CS1 18B2816, Description: PFC CS1 18B2816

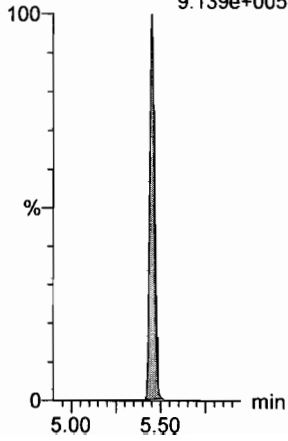
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
5.956e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
9.139e+005



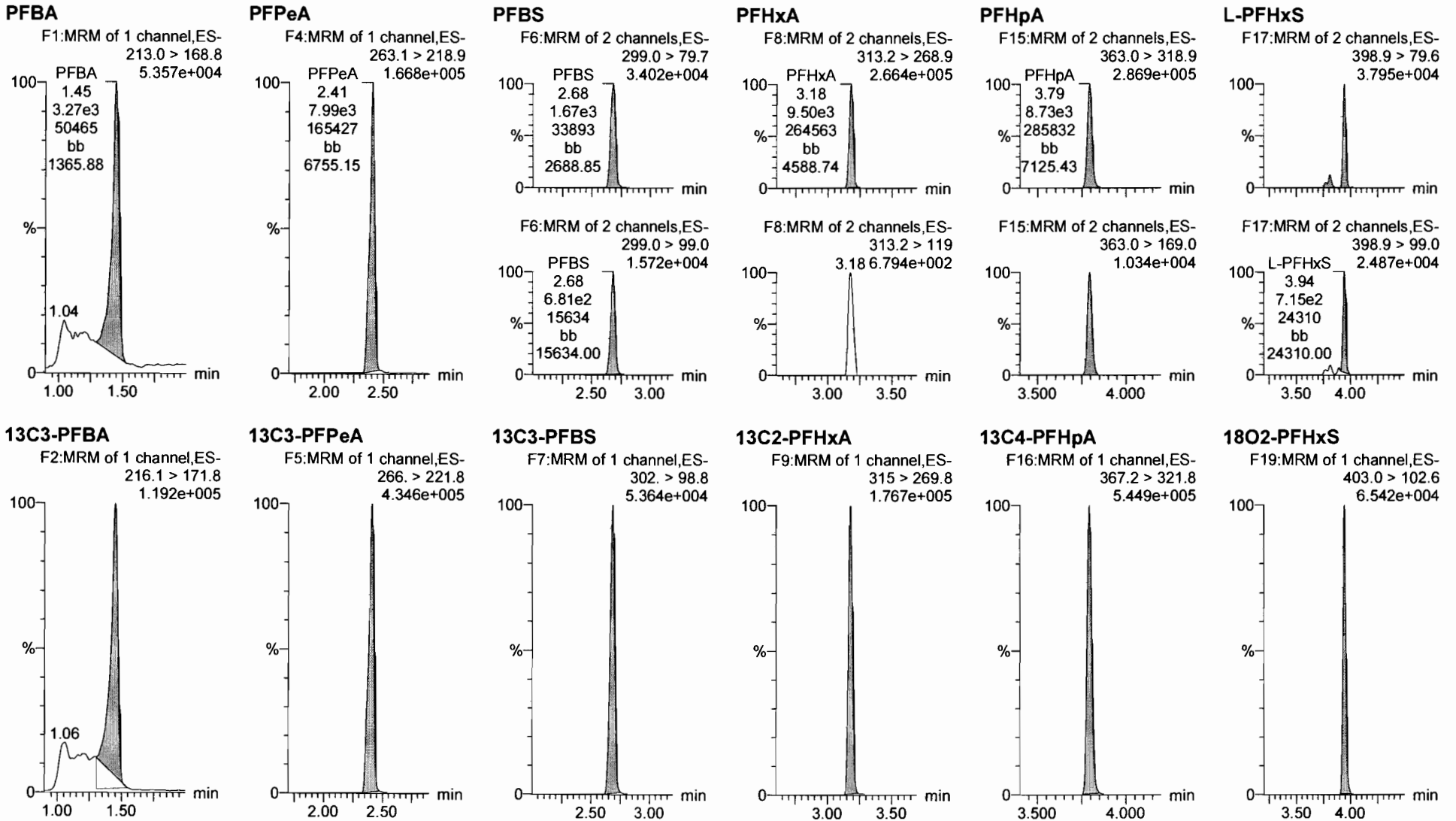


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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_6, Date: 08-Mar-2018, Time: 08:27:42, ID: ST180307M1-5 PFC CS2 18B2817, Description: PFC CS2 18B2817

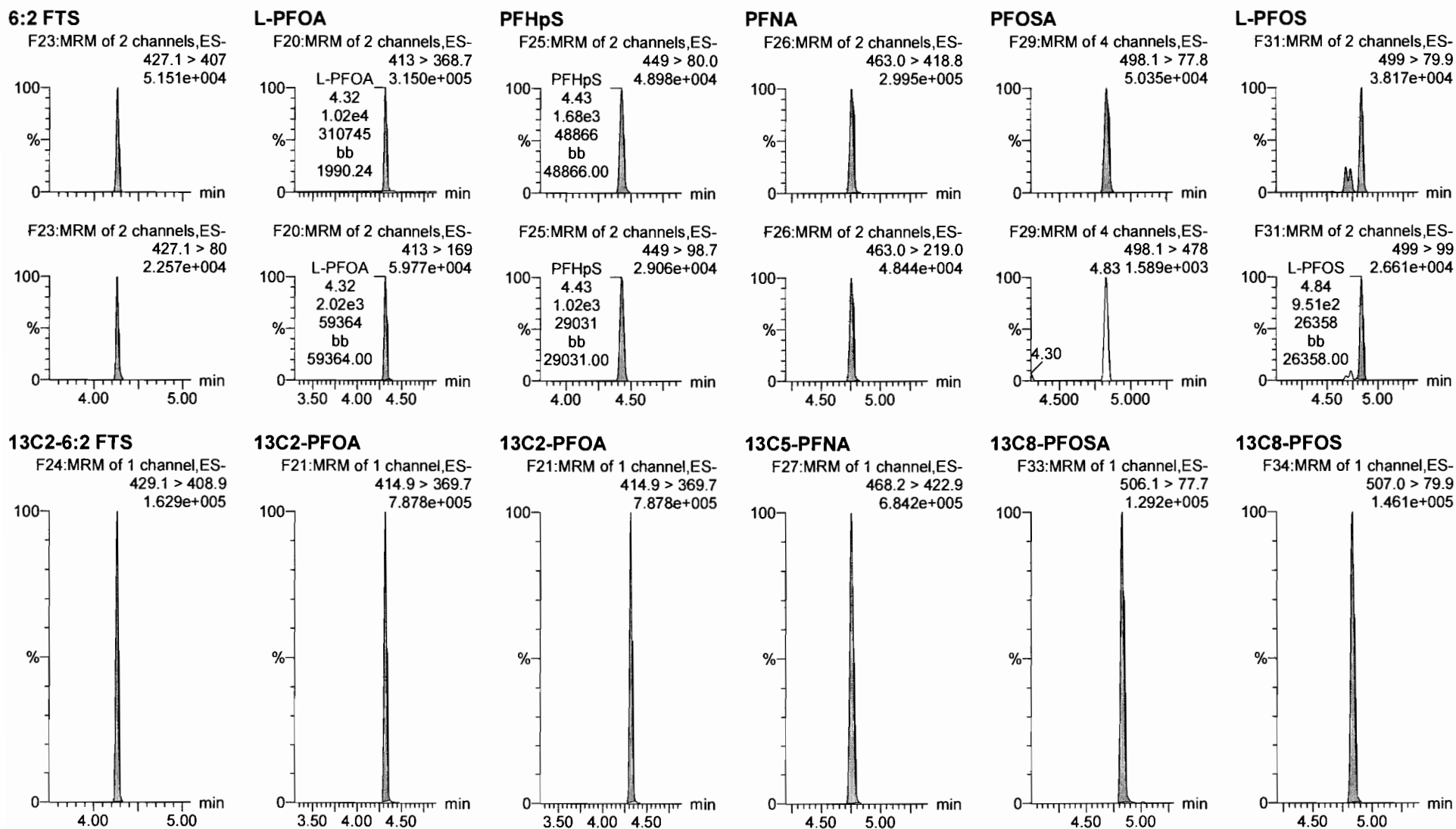


Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_6, Date: 08-Mar-2018, Time: 08:27:42, ID: ST180307M1-5 PFC CS2 18B2817, Description: PFC CS2 18B2817



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

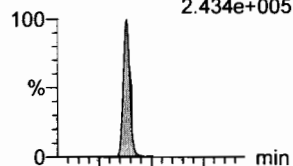
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_6, Date: 08-Mar-2018, Time: 08:27:42, ID: ST180307M1-5 PFC CS2 18B2817, Description: PFC CS2 18B2817

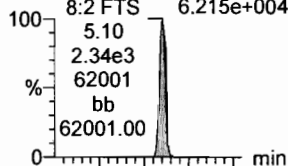
**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
2.434e+005



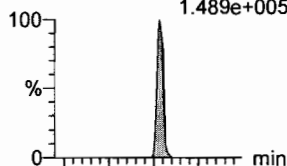
**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
6.215e+004



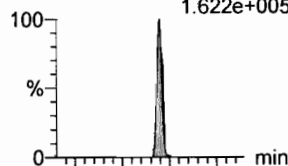
**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
1.489e+005



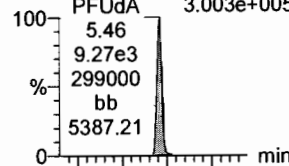
**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
1.622e+005



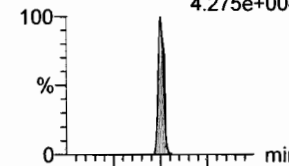
**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
3.003e+005

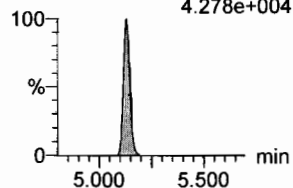


**PFDS**

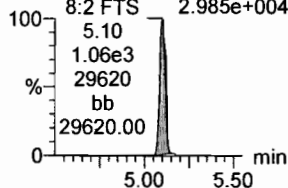
F52:MRM of 2 channels,ES-  
598.8 > 80  
4.275e+004



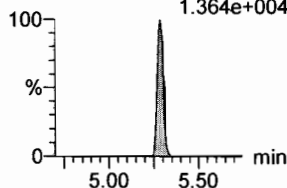
F36:MRM of 2 channels,ES-  
513 > 219  
4.278e+004



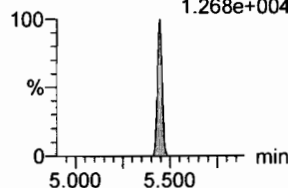
F41:MRM of 2 channels,ES-  
527 > 80  
2.985e+004



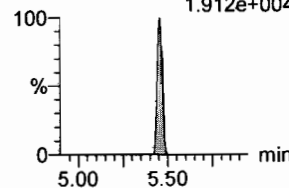
F47:MRM of 2 channels,ES-  
570.1 > 483.0  
1.364e+004



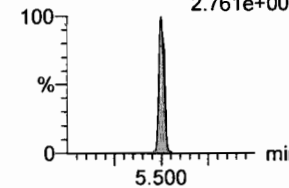
F50:MRM of 2 channels,ES-  
584.2 > 483.0  
1.268e+004



F45:MRM of 2 channels,ES-  
563.0 > 269  
1.912e+004

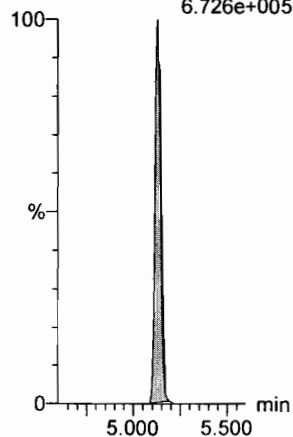


F52:MRM of 2 channels,ES-  
598.8 > 98.7  
2.761e+004



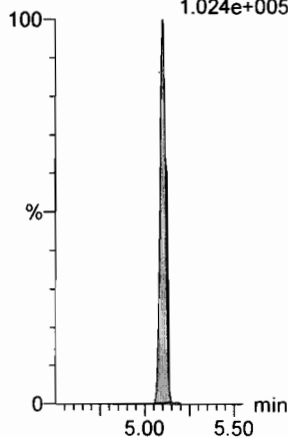
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
6.726e+005



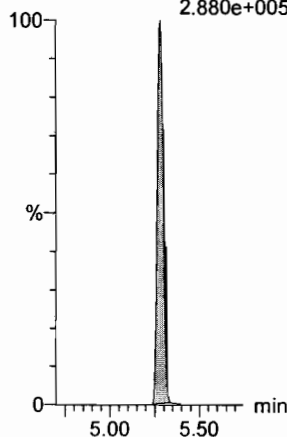
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
1.024e+005



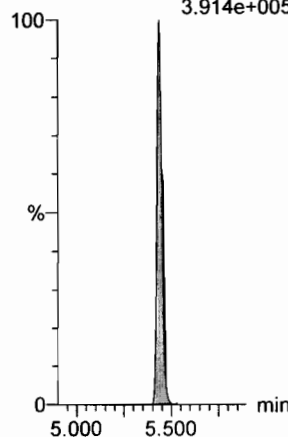
**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
2.880e+005



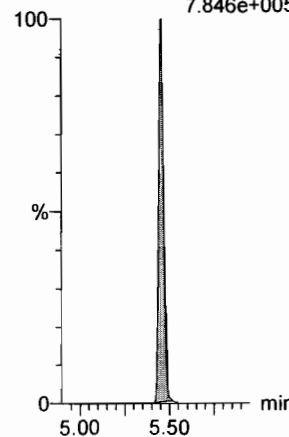
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
3.914e+005



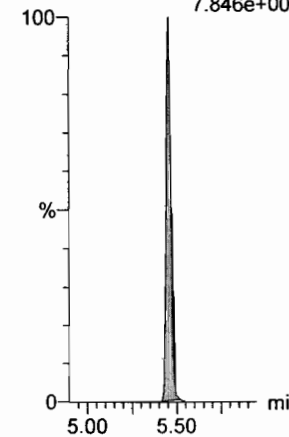
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
7.846e+005



**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
7.846e+005

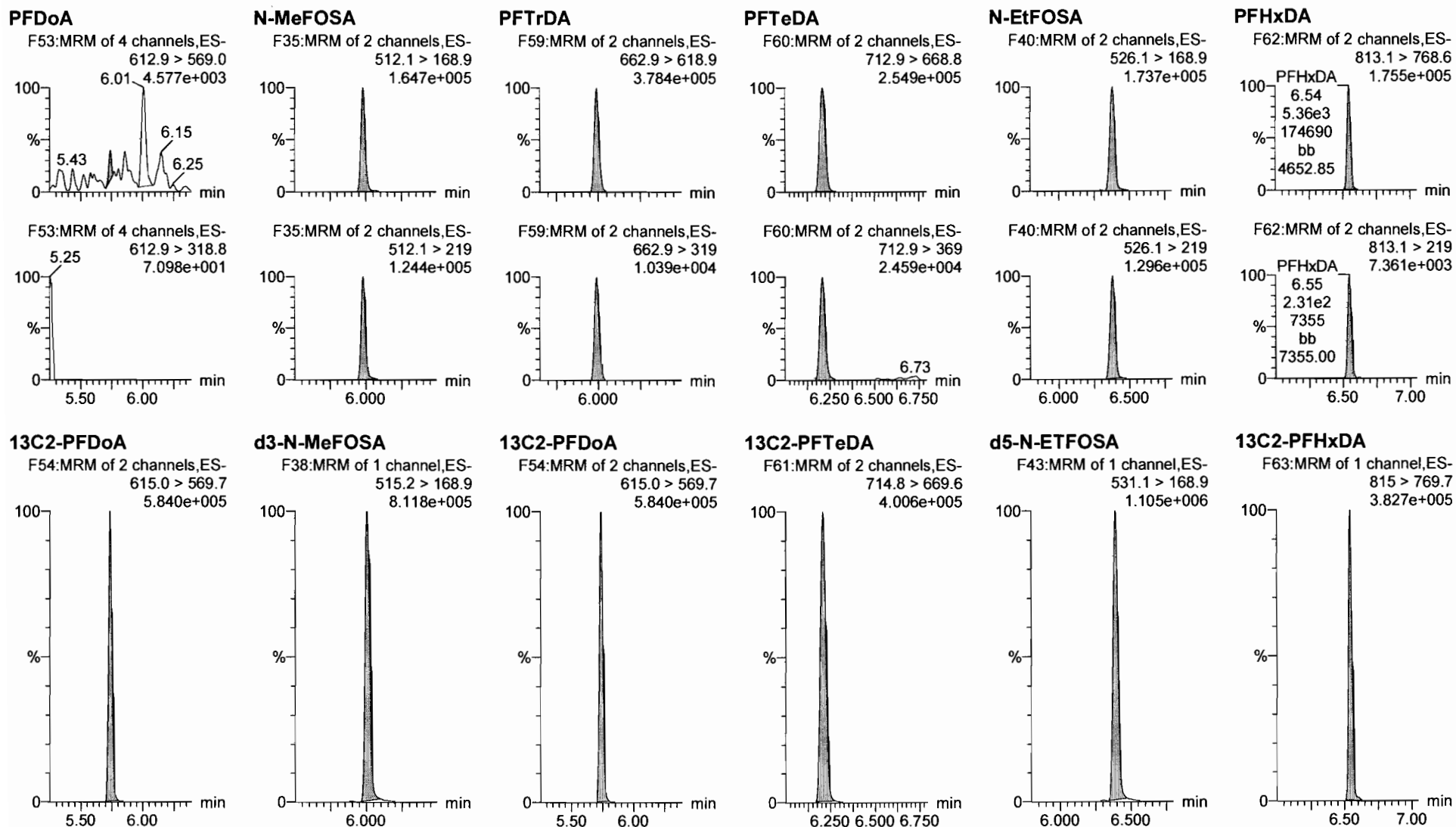


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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_6, Date: 08-Mar-2018, Time: 08:27:42, ID: ST180307M1-5 PFC CS2 18B2817, Description: PFC CS2 18B2817



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

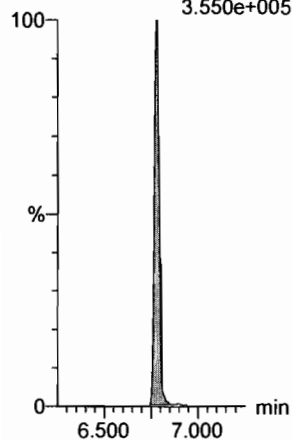
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

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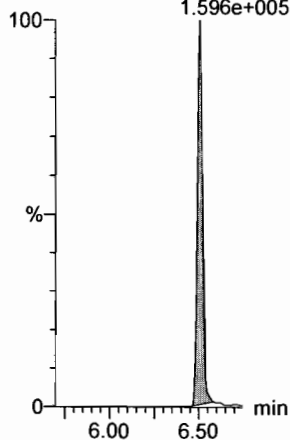
**PFODA**

F64:MRM of 1 channel,ES-  
913.1 > 868.8  
3.550e+005



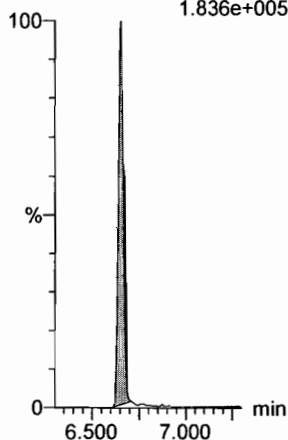
**N-MeFOSE**

F55:MRM of 1 channel,ES-  
616.1 > 58.9  
1.596e+005



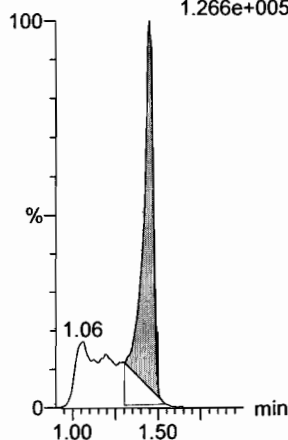
**N-EtFOSE**

F57:MRM of 1 channel,ES-  
630.1 > 58.9  
1.836e+005



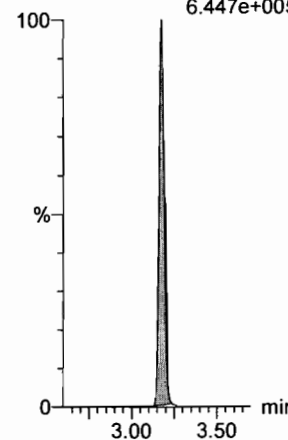
**13C4-PFBA**

F3:MRM of 1 channel,ES-  
217. > 171.8  
1.266e+005



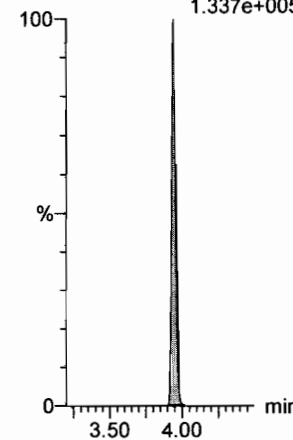
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
6.447e+005



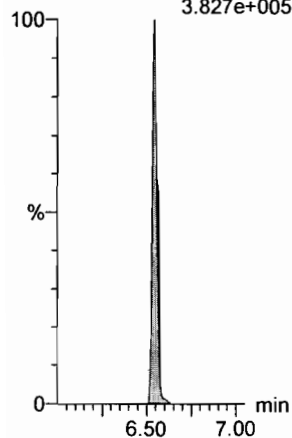
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
1.337e+005



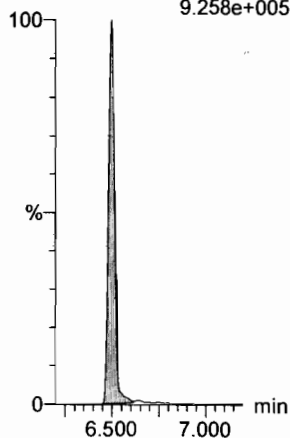
**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
3.827e+005



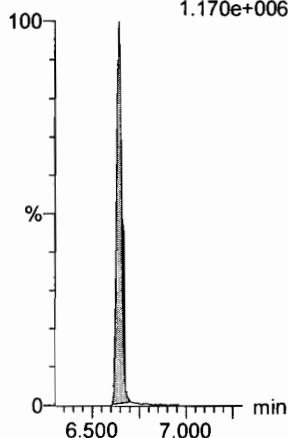
**d7-N-MeFOSE**

F56:MRM of 1 channel,ES-  
623.1 > 58.9  
9.258e+005



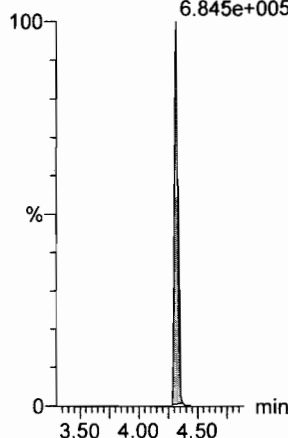
**d9-N-EtFOSE**

F58:MRM of 1 channel,ES-  
639.2 > 58.8  
1.170e+006



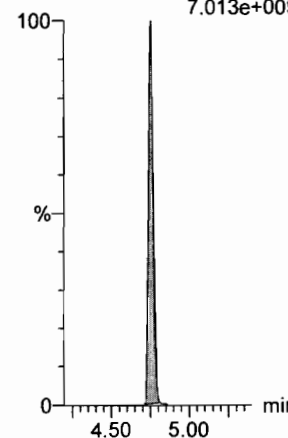
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
6.845e+005



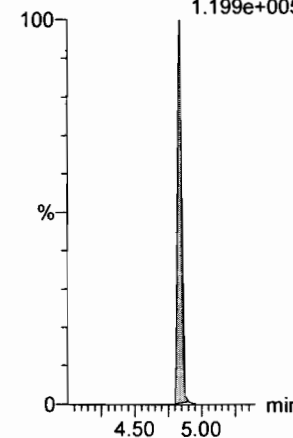
**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
7.013e+005



**13C4-PFOS**

F32:MRM of 1 channel,ES-  
503 > 79.9  
1.199e+005

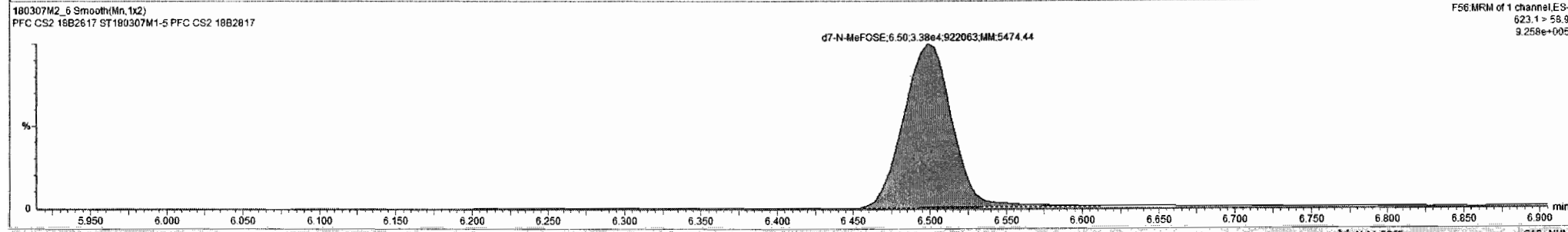
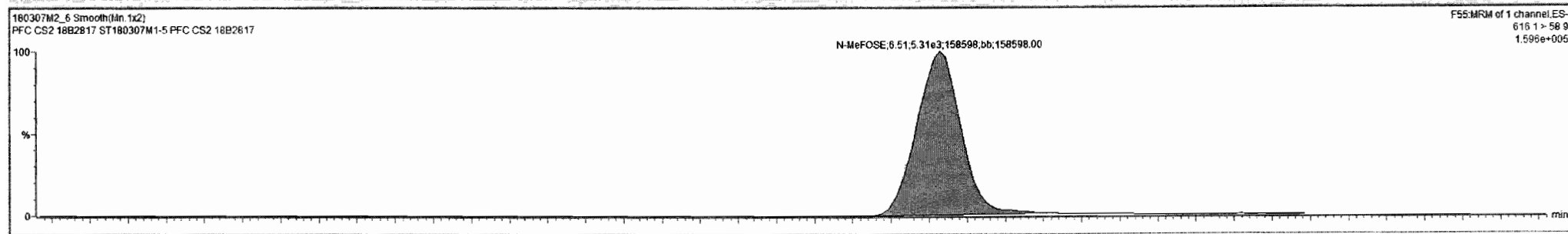


Targetlynx XS - 180307M2-CRV - [Chrometogram]

File Edit View Display Processing Window Help

N-MeFOSE

#	Name	Type	Std. Conc.	RT	Area	ISArea	Response	Primary Flags	Conc.	%Dev	Acq.D.	Acq.TI	Cal.Date	%Rec	RRF	Divisor
1	180307M2_2	Standard	1.250	6.51	237.013	39005.652	0.911	bb	0.3	-77.2	08-Mar	07:41:47	09-Mar...	22.8	0.729	1.0
2	180307M2_3	Standard	2.500	6.51	553.383	39011.109	2.128	bb	1.8	-27.9	08-Mar...	07:53:13	09-Mar...	72.1	0.851	1.0
3	180307M2_4	Standard	5.000	6.51	1264.549	34824.687	5.447	bb	5.9	18.8	08-Mar...	08:04:42	09-Mar...	118.8	1.089	1.0
4	180307M2_5	Standard	10.000	6.51	2408.220	33768.207	10.697	bb	12.5	24.8	08-Mar...	08:16:12	09-Mar...	124.8	1.070	1.0
5	180307M2_6	Standard	25.000	6.51	5310.190	33763.949	23.577	bb	28.5	14.2	08-Mar...	08:27:42	09-Mar...	114.2	0.943	1.0
6	180307M2_7	Standard	50.000	6.51	9153.002	29438.365	48.276	MM	59.3	18.7	08-Mar...	08:39:12	09-Mar...	118.7	0.966	1.0
7	180307M2_8	Standard	250.000	6.51	62198.896	36806.313	253.485	bb	315.1	26.0	08-Mar...	08:50:42	09-Mar...	126.0	1.014	1.0
8	180307M2_9	Standard	500.000	6.51	104114.391	36876.336	423.501	MM	527.0	5.4	08-Mar...	09:02:11	09-Mar...	105.4	0.847	1.0
9	180307M2_10	Standard	1250.000	6.51	221984.281	32206.184	1033.890	bb	1287.9	3.0	08-Mar...	09:13:38	09-Mar...	103.0	0.827	1.0
10	180307M2_11	Standard	2500.000	6.51	434045.250	34443.641	1890.241	MM	2355.3	-5.8	08-Mar...	09:25:07	09-Mar...	94.2	0.756	1.0



Custom Reporting: Select reports to generate

N-MeFOSE CAP\_NUM

Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

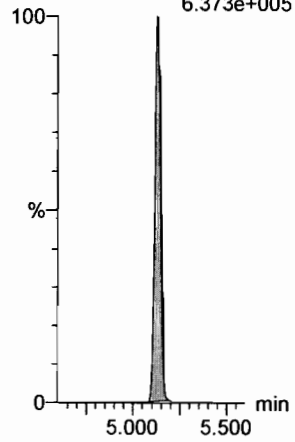
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_6, Date: 08-Mar-2018, Time: 08:27:42, ID: ST180307M1-5 PFC CS2 18B2817, Description: PFC CS2 18B2817

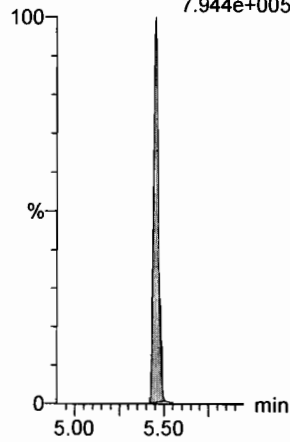
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
6.373e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
7.944e+005

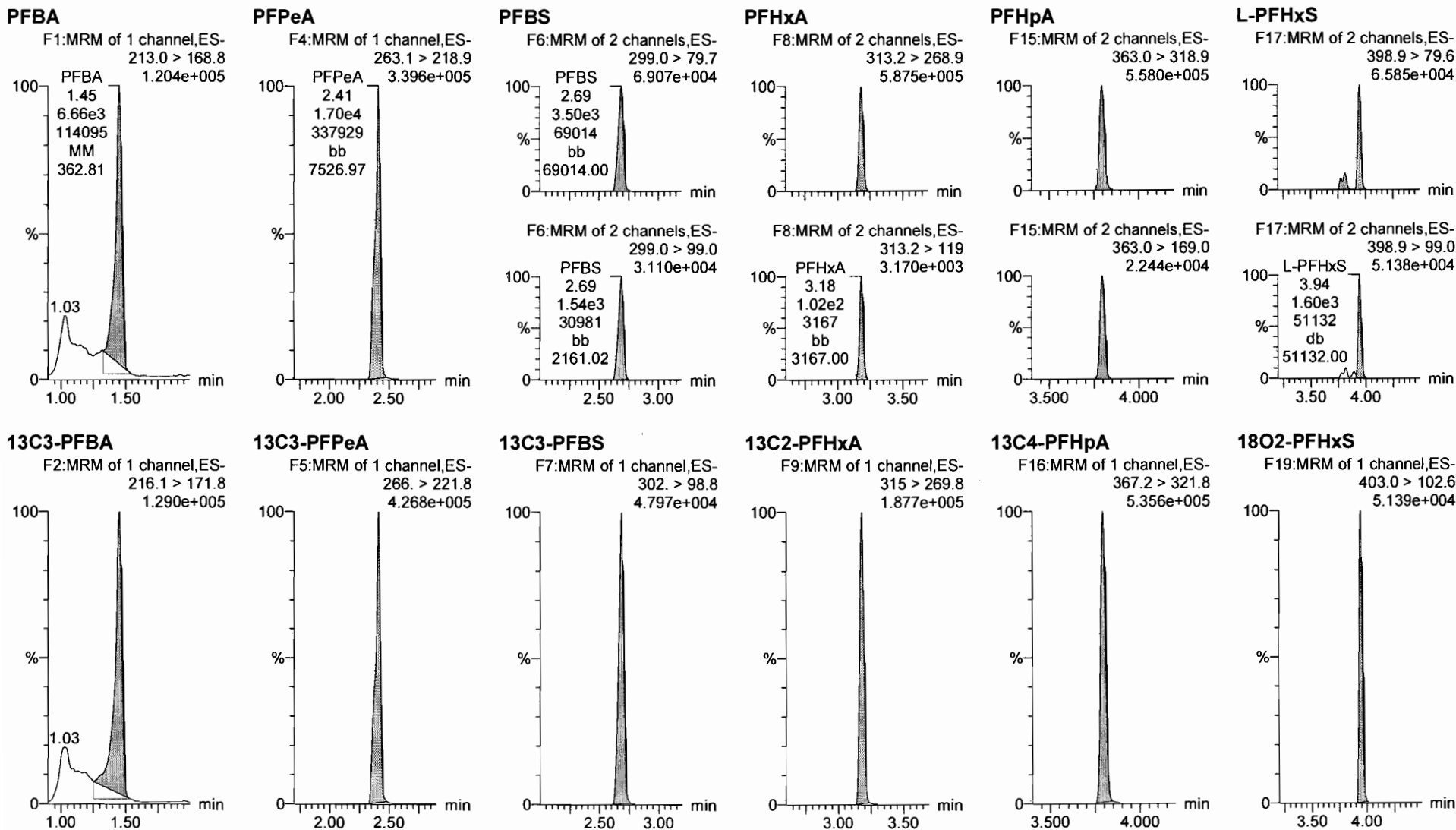


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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

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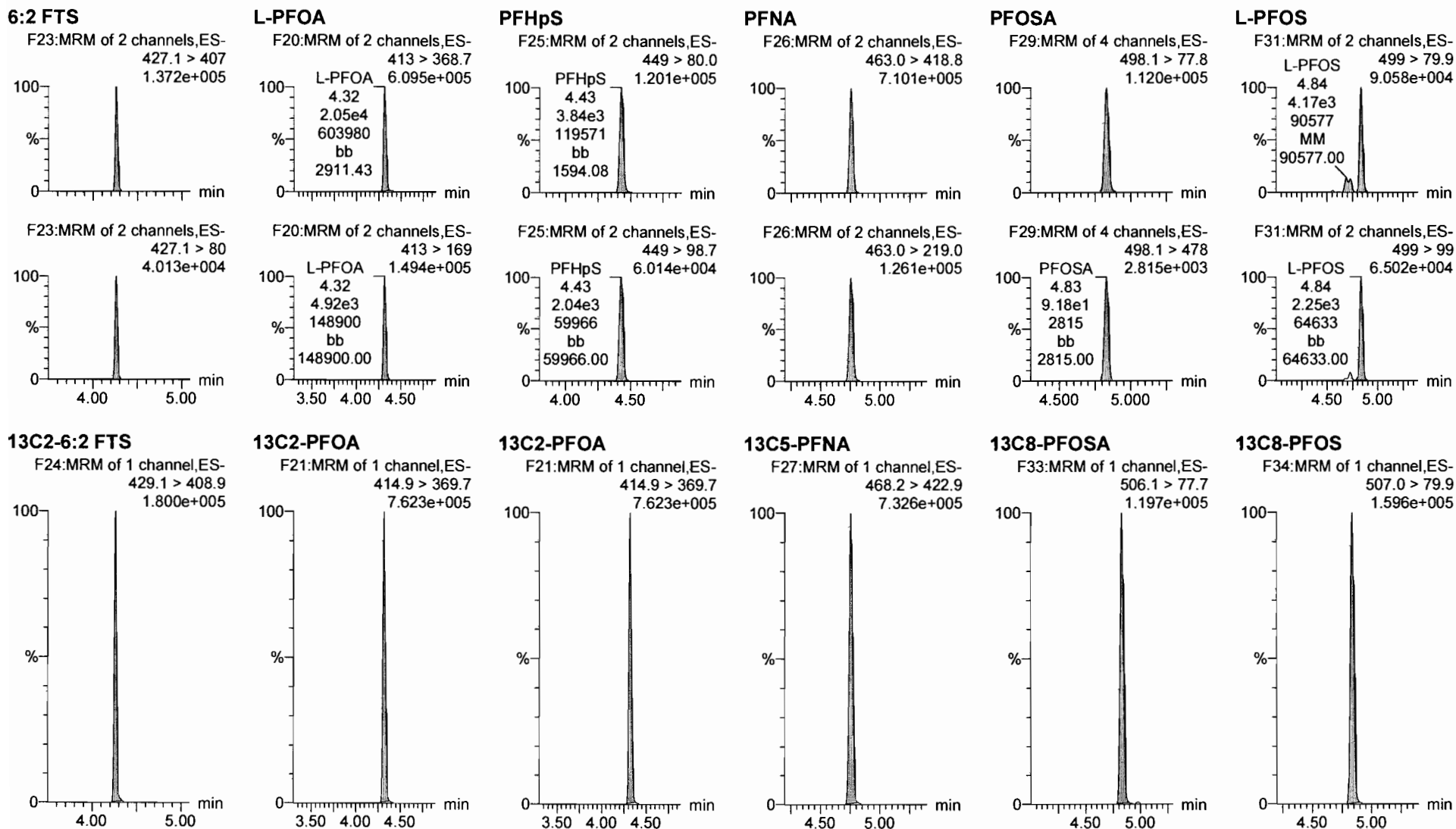


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Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

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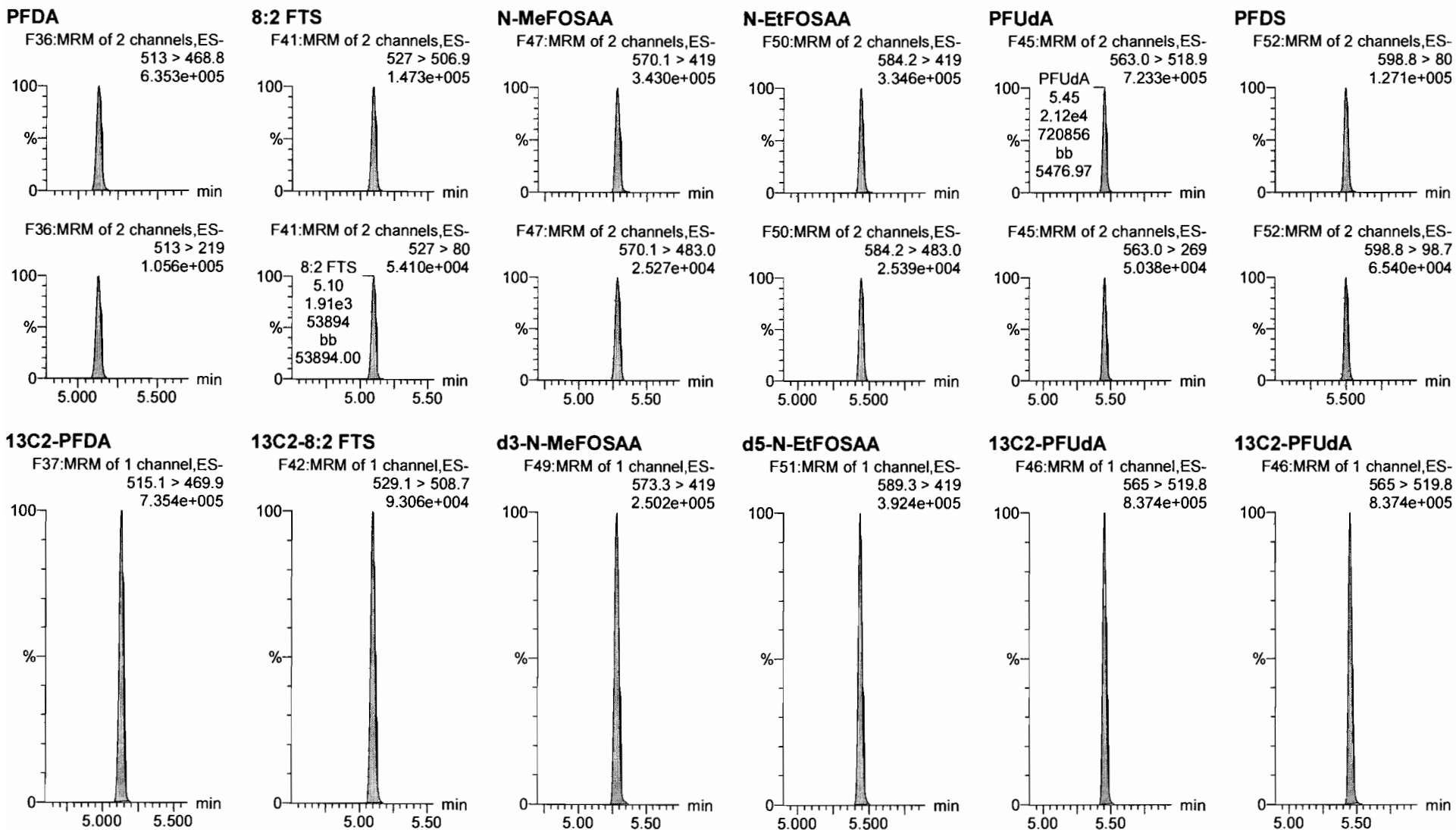


Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

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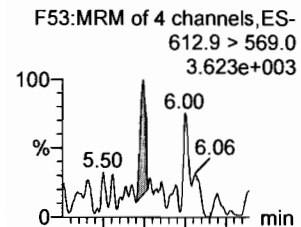
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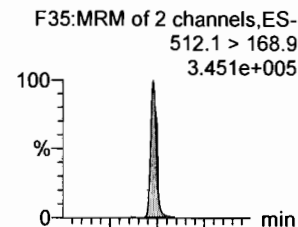
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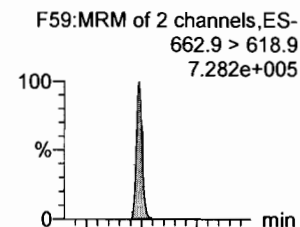
**PFDoA**



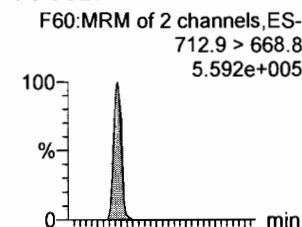
**N-MeFOSA**



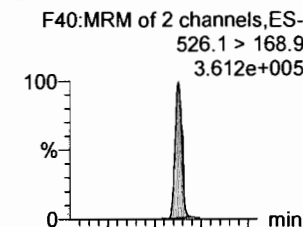
**PFTrDA**



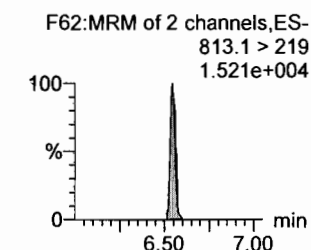
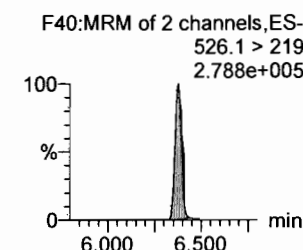
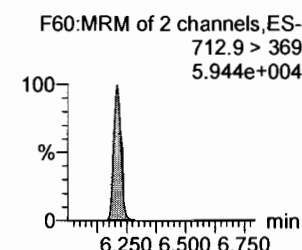
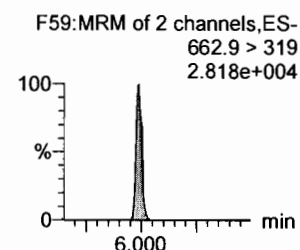
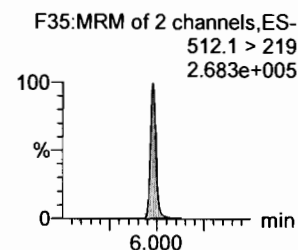
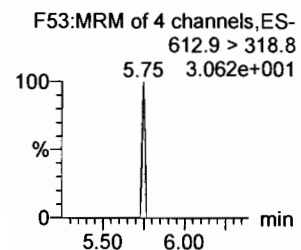
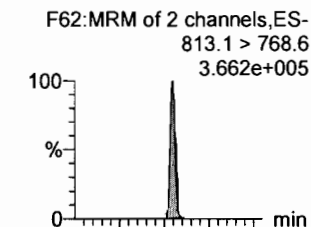
**PFTeDA**



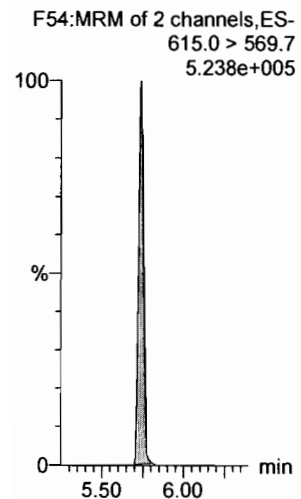
**N-EtFOSA**



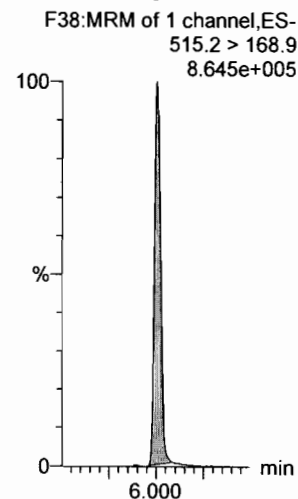
**PFHxDA**



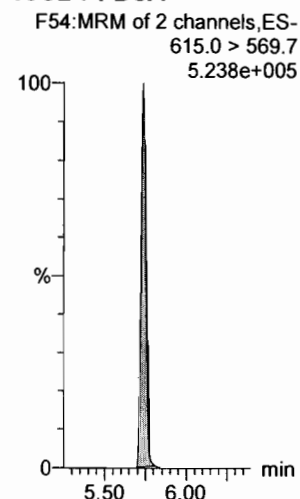
**13C2-PFDoA**



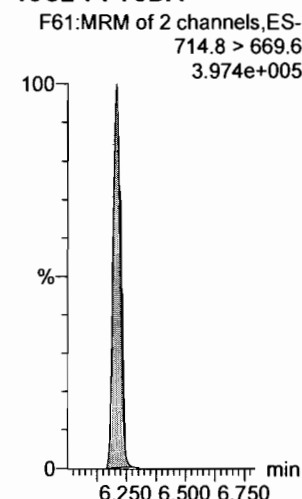
**d3-N-MeFOSA**



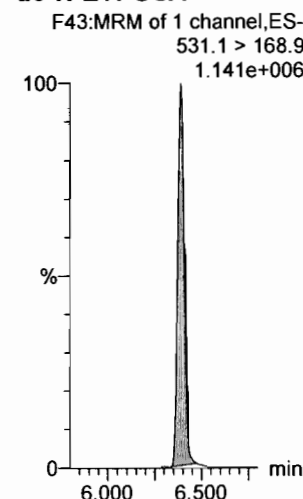
**13C2-PFTeDA**



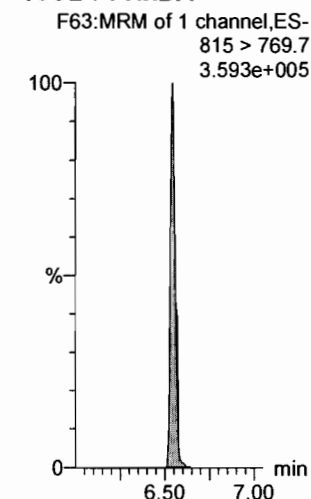
**13C2-PFTeDA**



**d5-N-ETFOSA**



**13C2-PFHxDA**



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

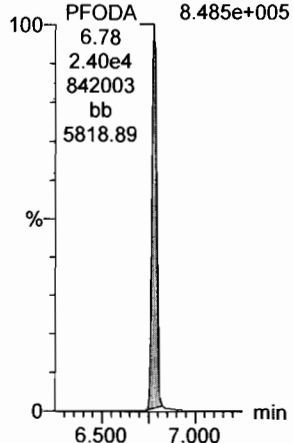
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_7, Date: 08-Mar-2018, Time: 08:39:12, ID: ST180307M1-6 PFC CS3 18B2818, Description: PFC CS3 18B2818

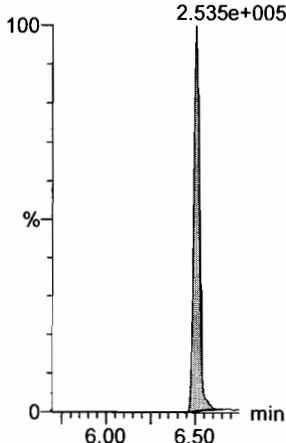
**PFODA**

F64:MRM of 1 channel,ES-  
913.1 > 868.8  
8.485e+005



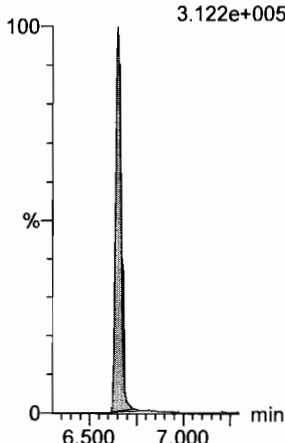
**N-MeFOSE**

F55:MRM of 1 channel,ES-  
616.1 > 58.9  
2.535e+005



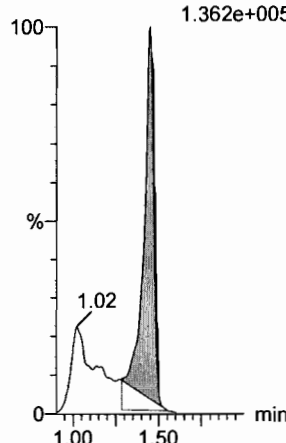
**N-EtFOSE**

F57:MRM of 1 channel,ES-  
630.1 > 58.9  
3.122e+005



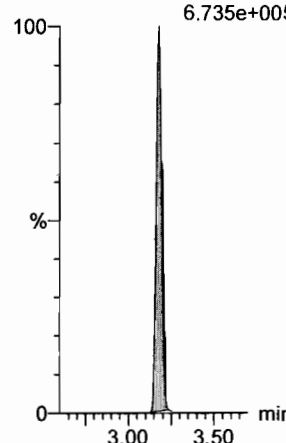
**13C4-PFBA**

F3:MRM of 1 channel,ES-  
217. > 171.8  
1.362e+005



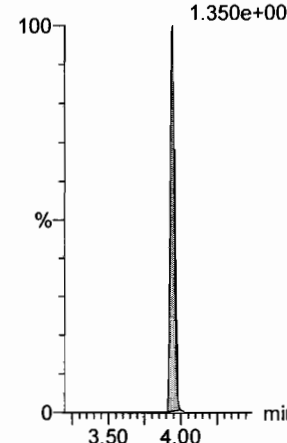
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
6.735e+005



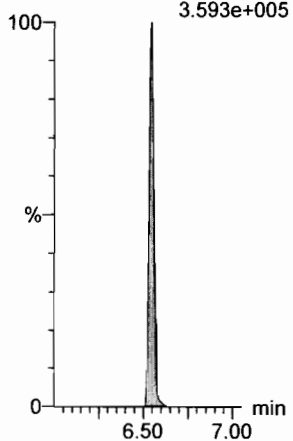
**13C3-PFHxA**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
1.350e+005



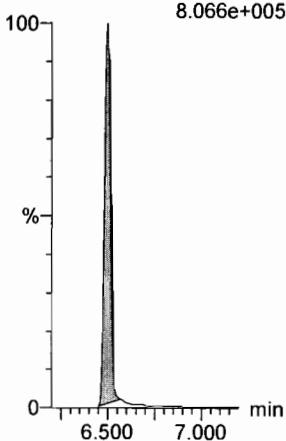
**13C2-PFHxA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
3.593e+005



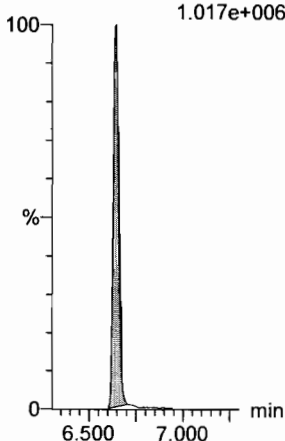
**d7-N-MeFOSE**

F56:MRM of 1 channel,ES-  
623.1 > 58.9  
8.066e+005



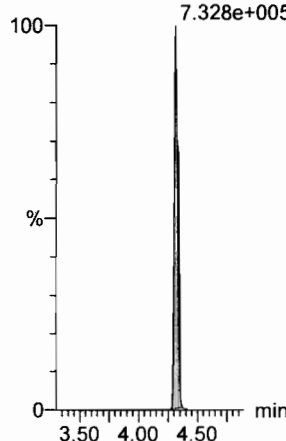
**d9-N-EtFOSE**

F58:MRM of 1 channel,ES-  
639.2 > 58.8  
1.017e+006



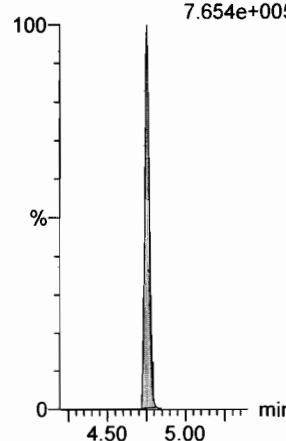
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
7.328e+005



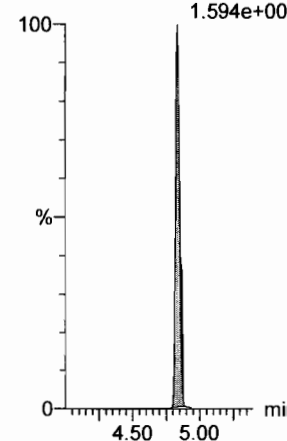
**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
7.654e+005



**13C4-PFOS**

F32:MRM of 1 channel,ES-  
503 > 79.9  
1.594e+005



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

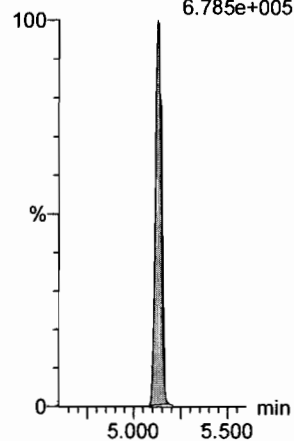
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_7, Date: 08-Mar-2018, Time: 08:39:12, ID: ST180307M1-6 PFC CS3 18B2818, Description: PFC CS3 18B2818

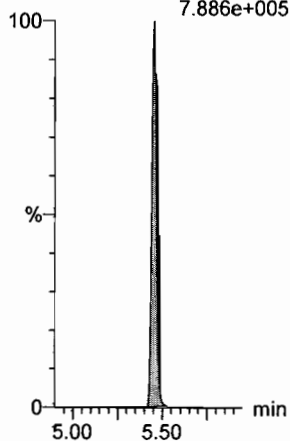
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
6.785e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
7.886e+005



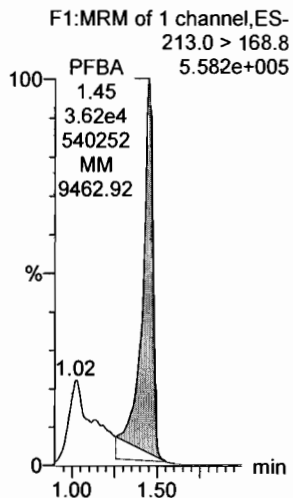
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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

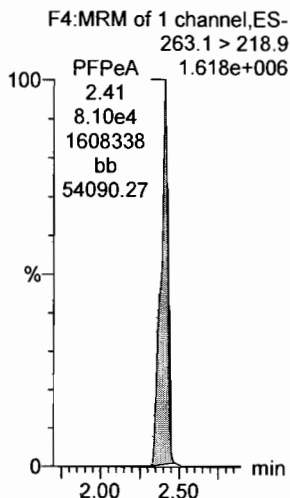
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_8, Date: 08-Mar-2018, Time: 08:50:42, ID: ST180307M1-7 PFC CS4 18B2819, Description: PFC CS4 18B2819

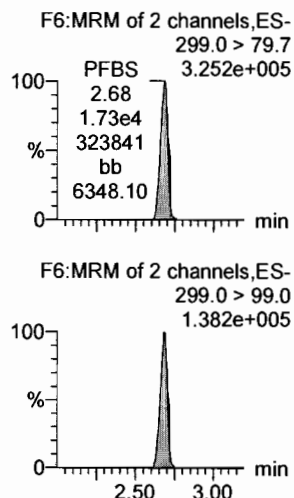
**PFBA**



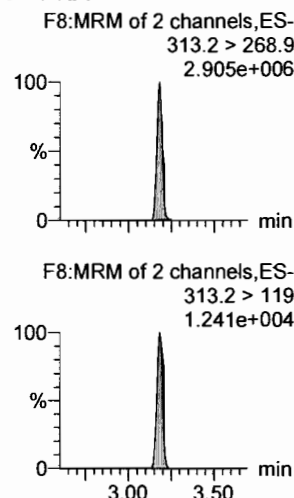
**PFPeA**



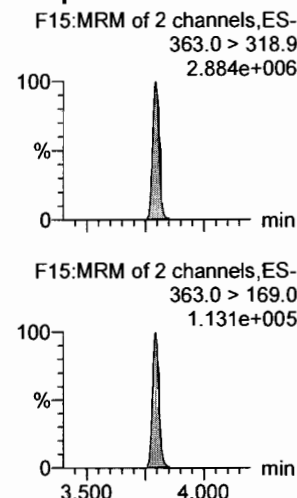
**PFBS**



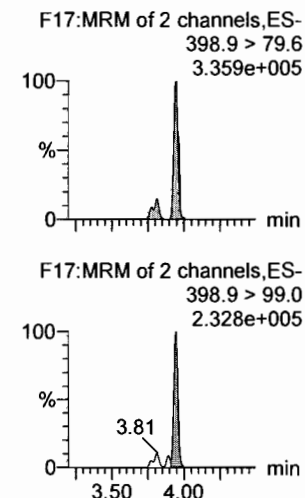
**PFHxA**



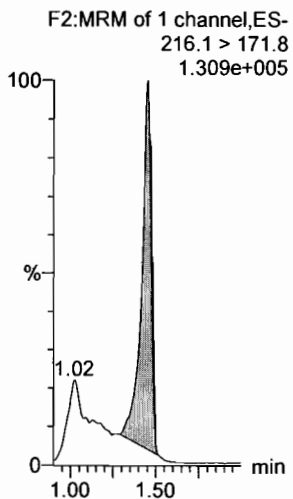
**PFHpA**



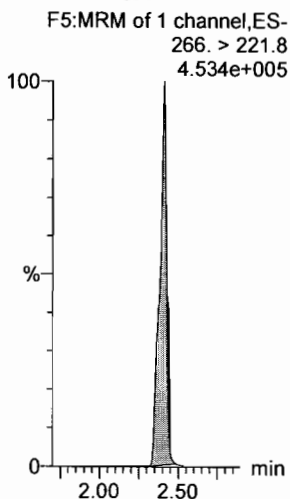
**L-PFHxS**



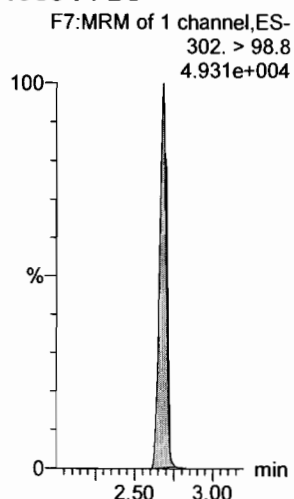
**13C3-PFBA**



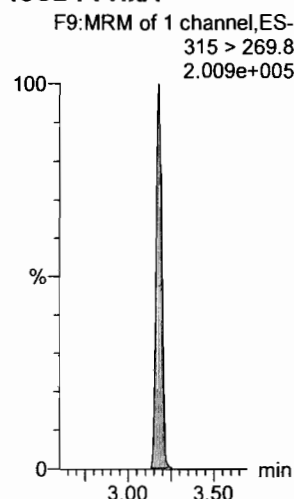
**13C3-PFPeA**



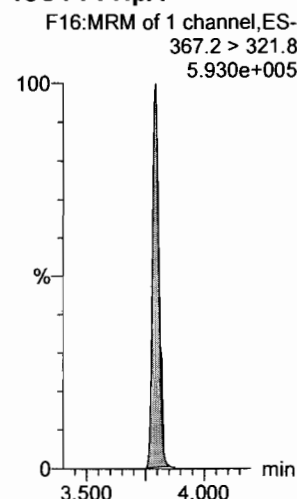
**13C3-PFBS**



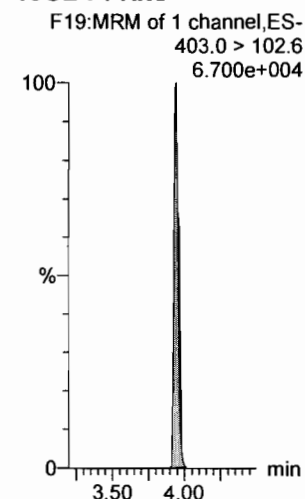
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



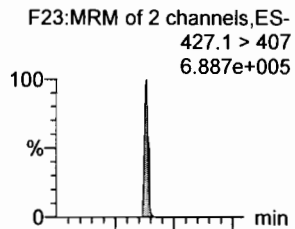
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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

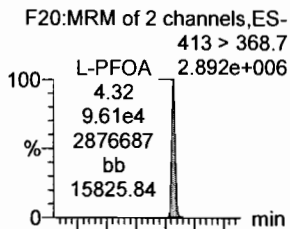
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Name: 180307M2\_8, Date: 08-Mar-2018, Time: 08:50:42, ID: ST180307M1-7 PFC CS4 18B2819, Description: PFC CS4 18B2819

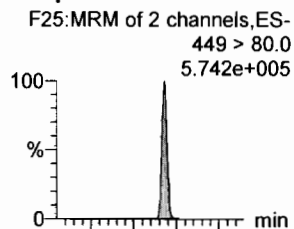
6:2 FTS



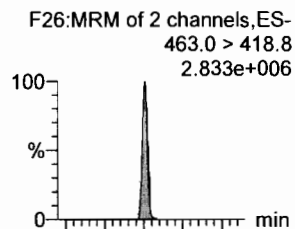
L-PFOA



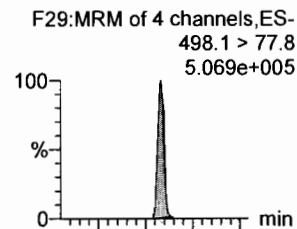
PFHpS



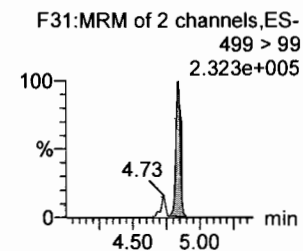
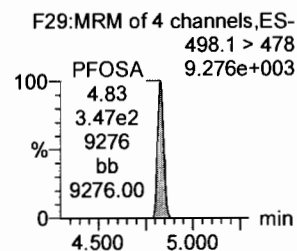
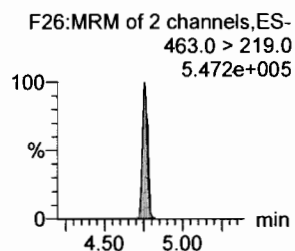
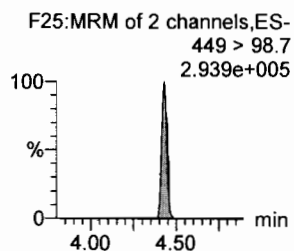
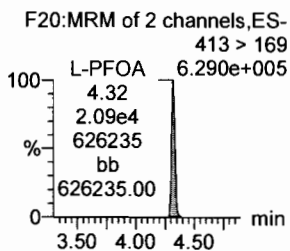
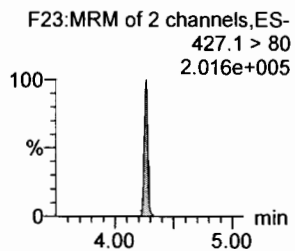
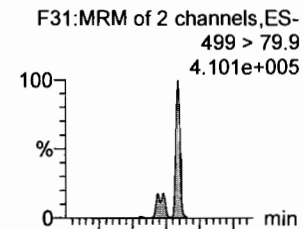
PFNA



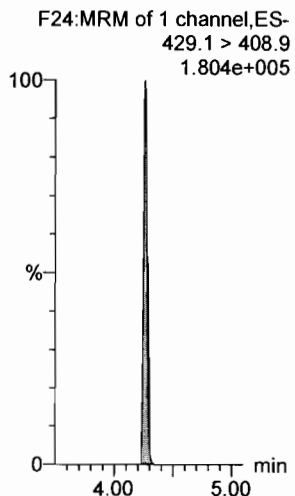
PFOSA



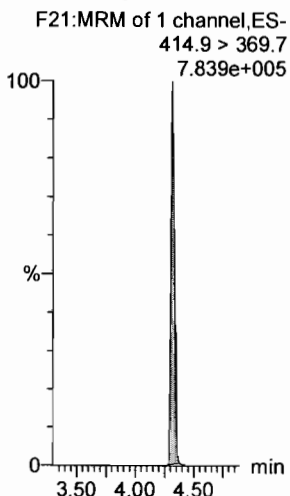
L-PFOS



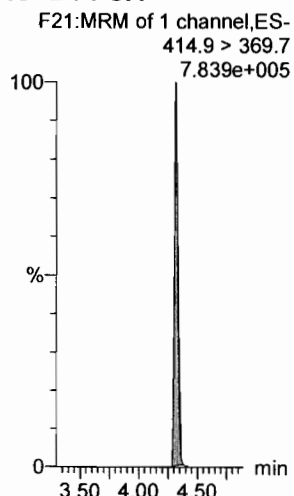
13C2-6:2 FTS



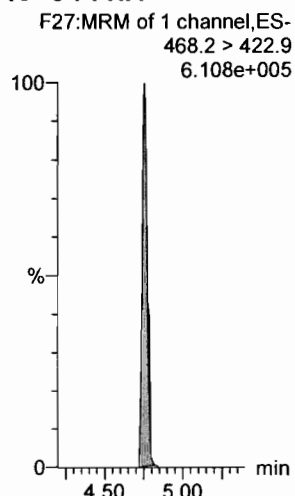
13C2-PFOA



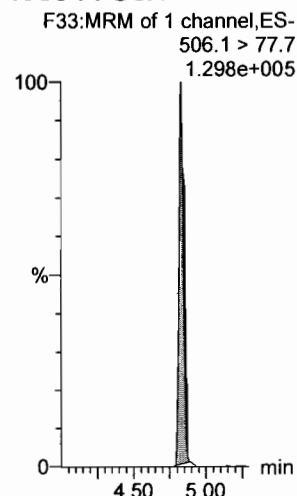
13C2-PFOA



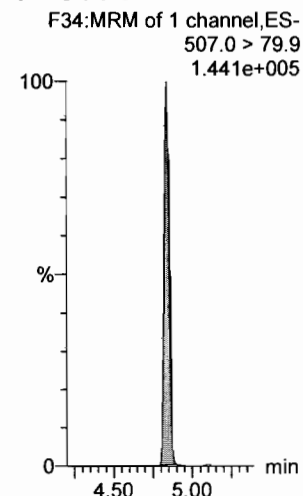
13C5-PFNA



13C8-PFOSA



13C8-PFOS



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

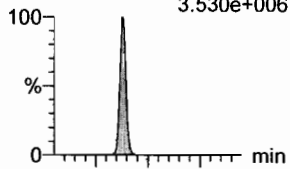
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_8, Date: 08-Mar-2018, Time: 08:50:42, ID: ST180307M1-7 PFC CS4 18B2819, Description: PFC CS4 18B2819

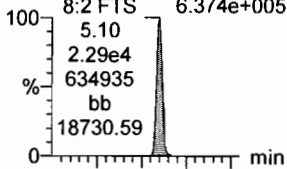
**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
3.530e+006



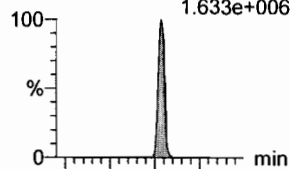
**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
6.374e+005



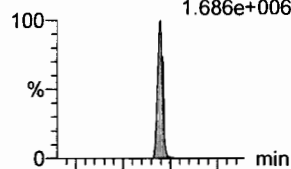
**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
1.633e+006



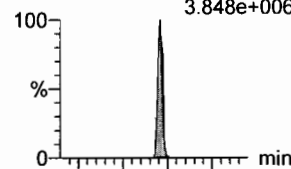
**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
1.686e+006



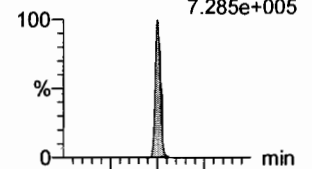
**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
3.848e+006

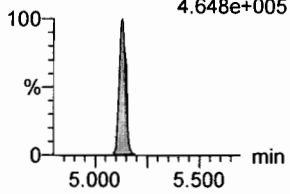


**PFDS**

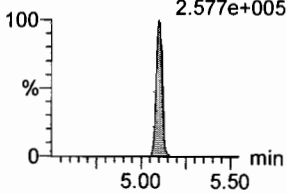
F52:MRM of 2 channels,ES-  
598.8 > 80  
7.285e+005



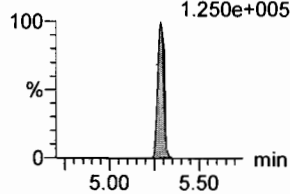
F36:MRM of 2 channels,ES-  
513 > 219  
4.648e+005



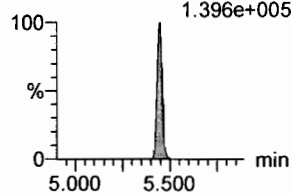
F41:MRM of 2 channels,ES-  
527 > 80  
2.577e+005



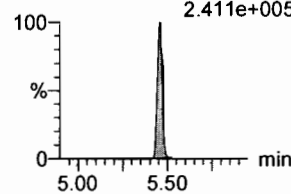
F47:MRM of 2 channels,ES-  
570.1 > 483.0  
1.250e+005



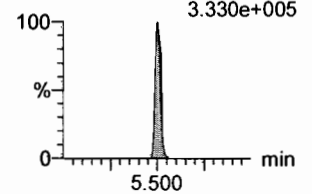
F50:MRM of 2 channels,ES-  
584.2 > 483.0  
1.396e+005



F45:MRM of 2 channels,ES-  
563.0 > 269  
2.411e+005

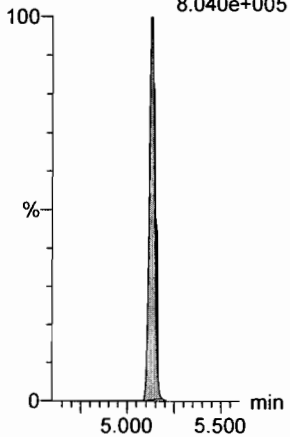


F52:MRM of 2 channels,ES-  
598.8 > 98.7  
3.330e+005



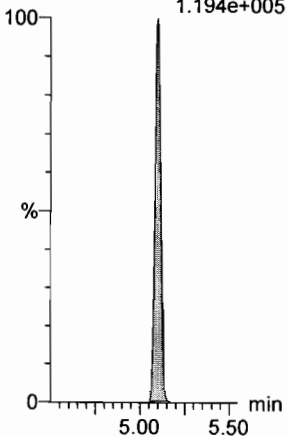
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
8.040e+005



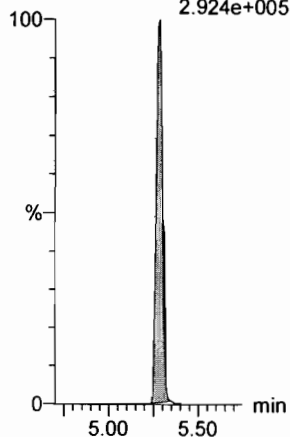
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
1.194e+005



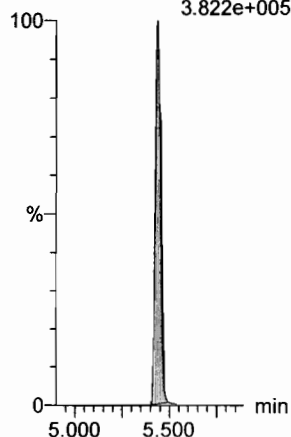
**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
2.924e+005



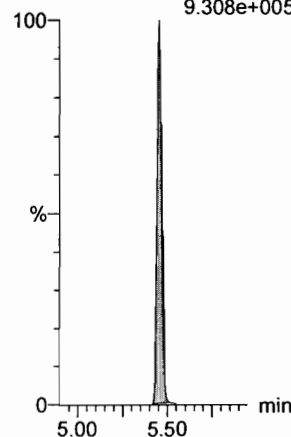
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
3.822e+005



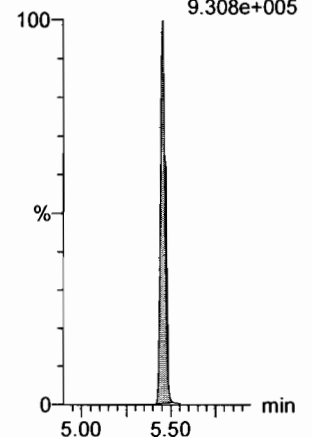
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
9.308e+005



**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
9.308e+005





Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

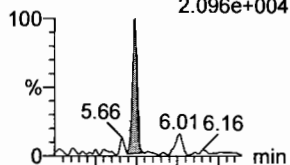
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

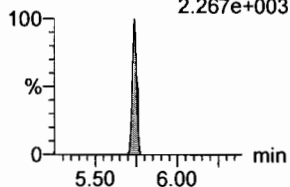
Name: 180307M2\_8, Date: 08-Mar-2018, Time: 08:50:42, ID: ST180307M1-7 PFC CS4 18B2819, Description: PFC CS4 18B2819

**PFDoA**

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
2.096e+004

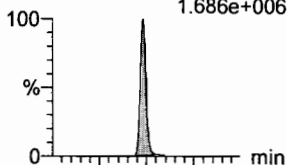


F53:MRM of 4 channels,ES-  
612.9 > 318.8  
2.267e+003

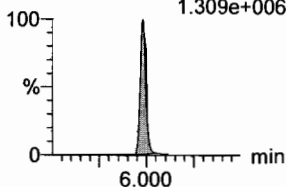


**N-MeFOSA**

F35:MRM of 2 channels,ES-  
512.1 > 168.9  
1.686e+006

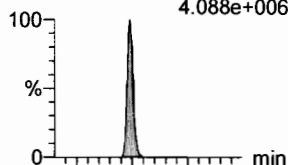


F35:MRM of 2 channels,ES-  
512.1 > 219  
1.309e+006

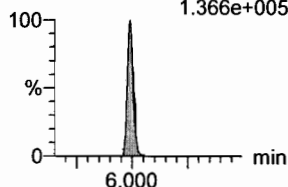


**PFTrDA**

F59:MRM of 2 channels,ES-  
662.9 > 618.9  
4.088e+006

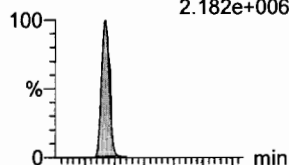


F59:MRM of 2 channels,ES-  
662.9 > 319  
1.366e+005

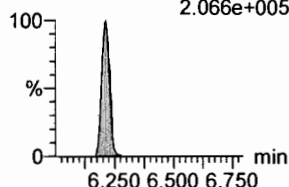


**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
2.182e+006

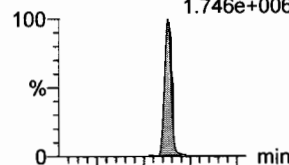


F60:MRM of 2 channels,ES-  
712.9 > 369  
2.066e+005

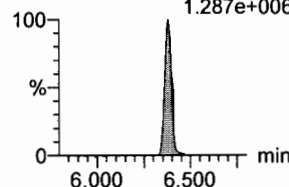


**N-EtFOSA**

F40:MRM of 2 channels,ES-  
526.1 > 168.9  
1.746e+006

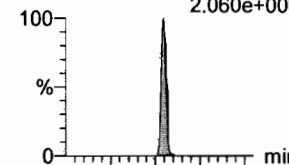


F40:MRM of 2 channels,ES-  
526.1 > 219  
1.287e+006

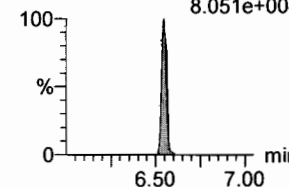


**PFHxDA**

F62:MRM of 2 channels,ES-  
813.1 > 768.6  
2.060e+006

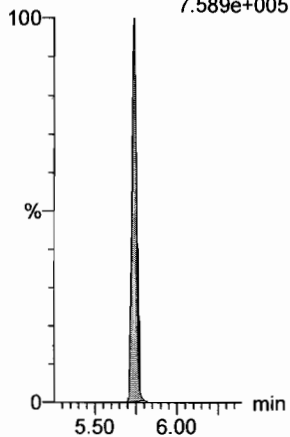


F62:MRM of 2 channels,ES-  
813.1 > 219  
8.051e+004



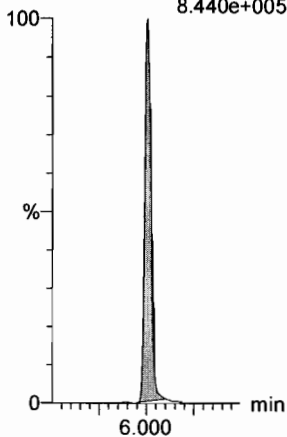
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
7.589e+005



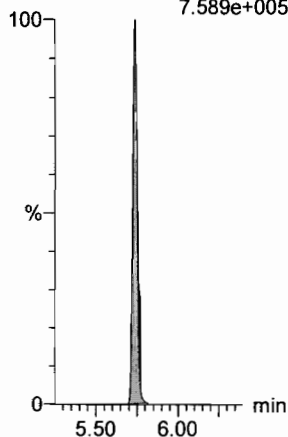
**d3-N-MeFOSA**

F38:MRM of 1 channel,ES-  
515.2 > 168.9  
8.440e+005



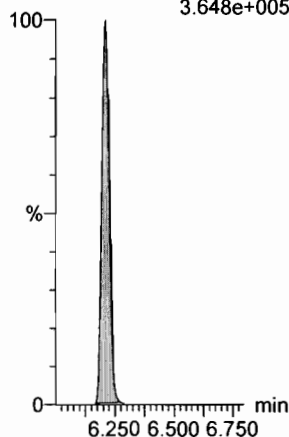
**13C2-PFTeDA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
7.589e+005



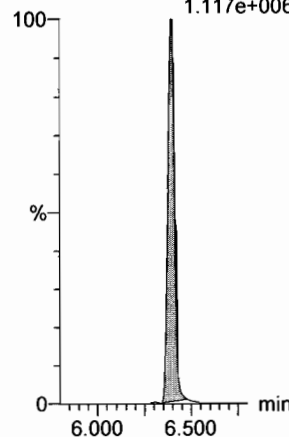
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
3.648e+005



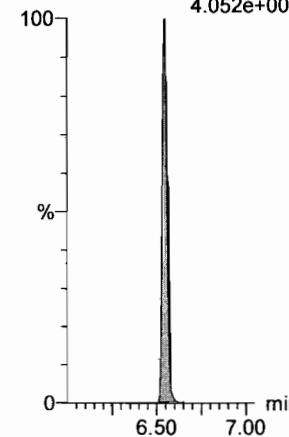
**d5-N-ETFOSA**

F43:MRM of 1 channel,ES-  
531.1 > 168.9  
1.117e+006



**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
4.052e+005



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

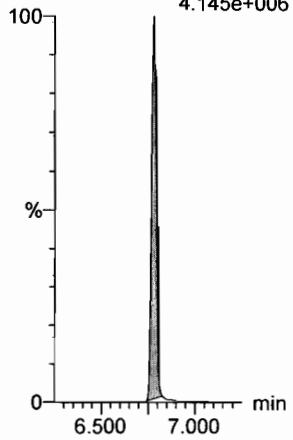
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_8, Date: 08-Mar-2018, Time: 08:50:42, ID: ST180307M1-7 PFC CS4 18B2819, Description: PFC CS4 18B2819

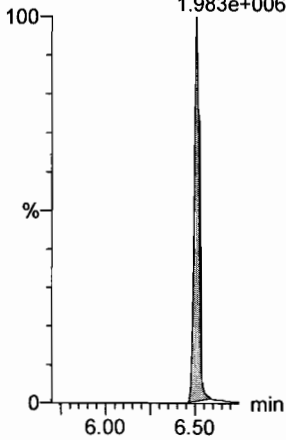
**PFODA**

F64:MRM of 1 channel,ES-  
913.1 > 868.8  
4.145e+006



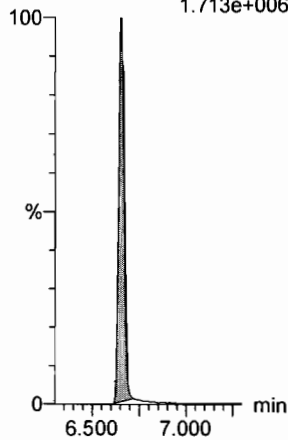
**N-MeFOSE**

F55:MRM of 1 channel,ES-  
616.1 > 58.9  
1.983e+006



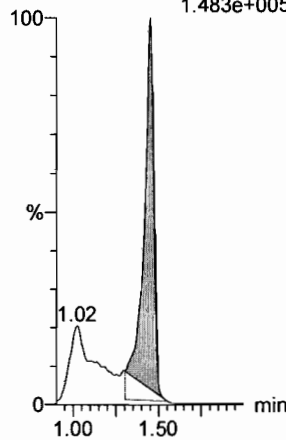
**N-EtFOSE**

F57:MRM of 1 channel,ES-  
630.1 > 58.9  
1.713e+006



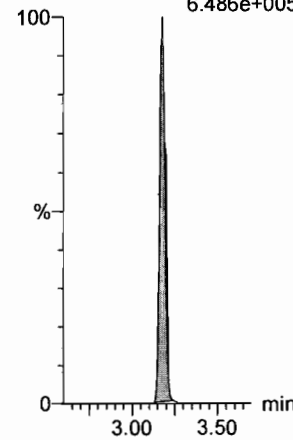
**13C4-PFBA**

F3:MRM of 1 channel,ES-  
217. > 171.8  
1.483e+005



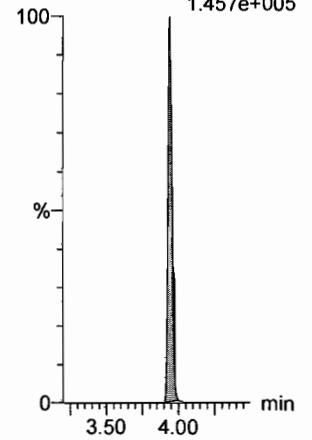
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
6.486e+005



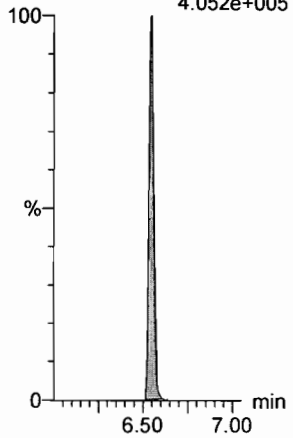
**13C3-PFHxA**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
1.457e+005



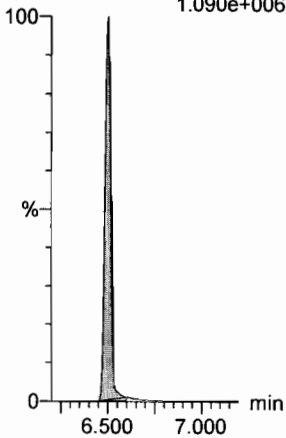
**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
4.052e+005



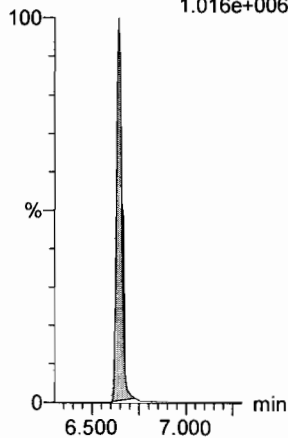
**d7-N-MeFOSE**

F56:MRM of 1 channel,ES-  
623.1 > 58.9  
1.090e+006



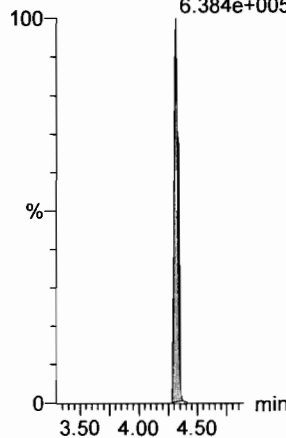
**d9-N-EtFOSE**

F58:MRM of 1 channel,ES-  
639.2 > 58.8  
1.016e+006



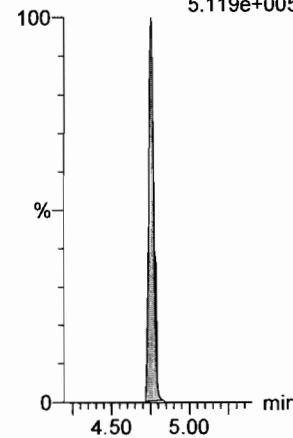
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
6.384e+005



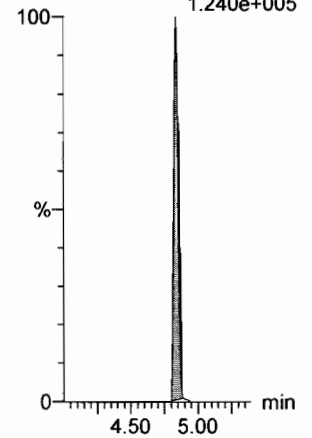
**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
5.119e+005



**13C4-PFOS**

F32:MRM of 1 channel,ES-  
503 > 79.9  
1.240e+005



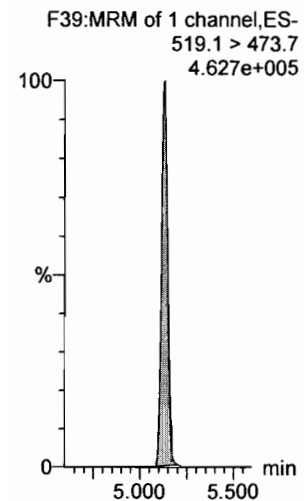
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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

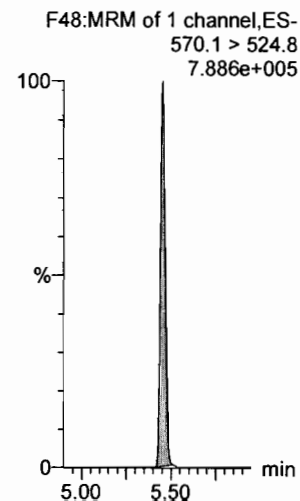
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_8, Date: 08-Mar-2018, Time: 08:50:42, ID: ST180307M1-7 PFC CS4 18B2819, Description: PFC CS4 18B2819

13C6-PFDA



13C7-PFUdA



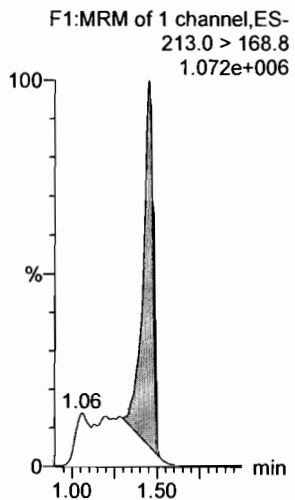
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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

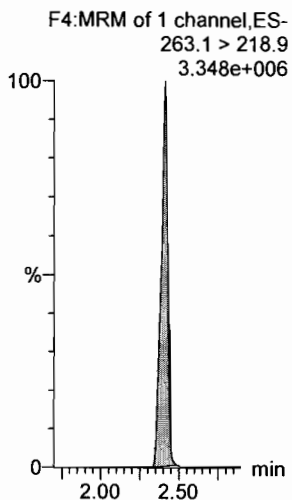
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Name: 180307M2\_9, Date: 08-Mar-2018, Time: 09:02:11, ID: ST180307M1-8 PFC CS5 18B2820, Description: PFC CS5 18B2820

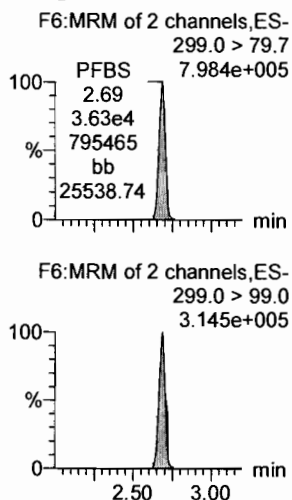
**PFBA**



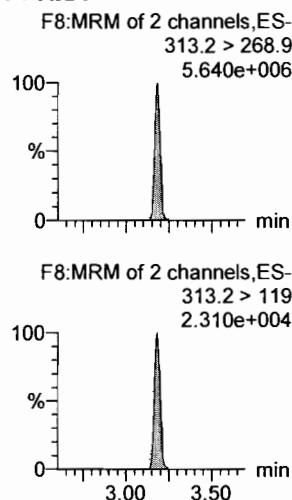
**PFPeA**



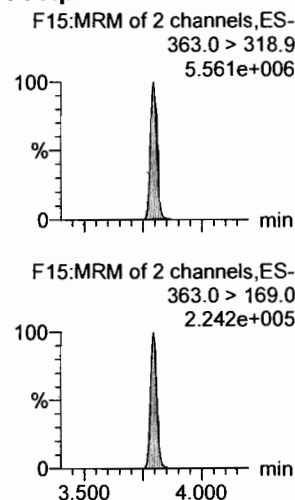
**PFBS**



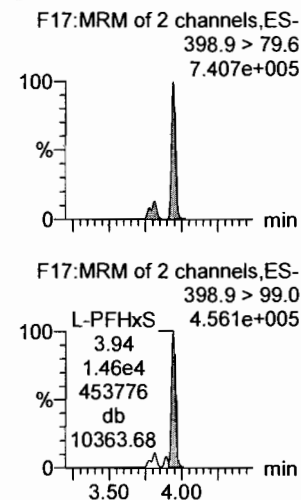
**PFHxA**



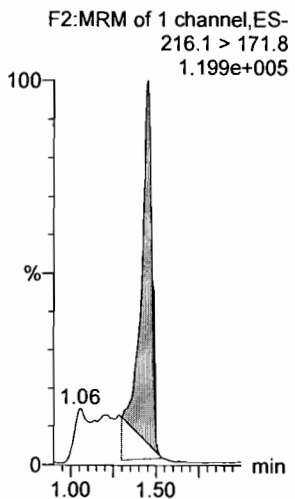
**PFHpA**



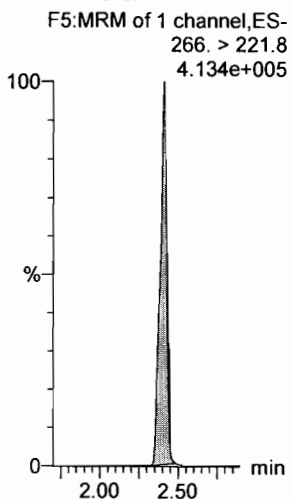
**L-PFHxS**



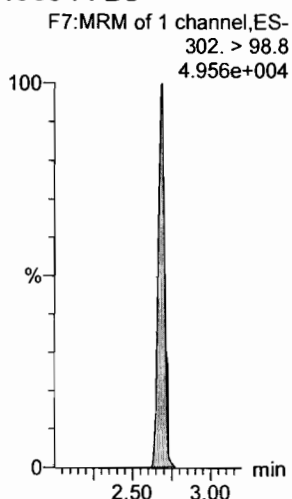
**13C3-PFBA**



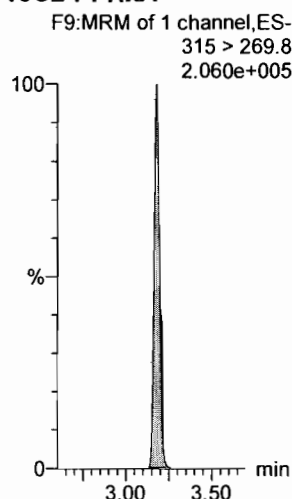
**13C3-PFPeA**



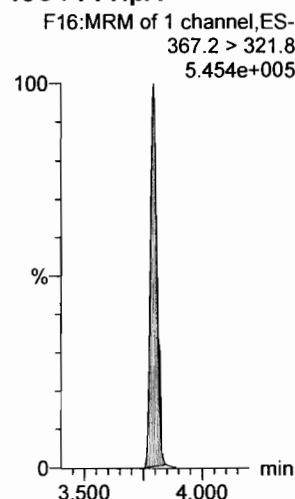
**13C3-PFBS**



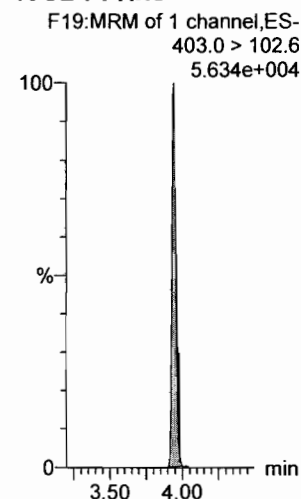
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

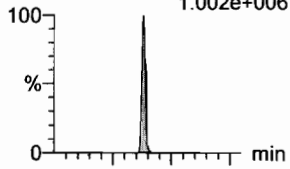
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_9, Date: 08-Mar-2018, Time: 09:02:11, ID: ST180307M1-8 PFC CS5 18B2820, Description: PFC CS5 18B2820

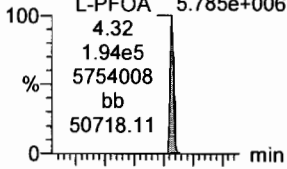
**6:2 FTS**

F23:MRM of 2 channels,ES-  
427.1 > 407  
1.002e+006



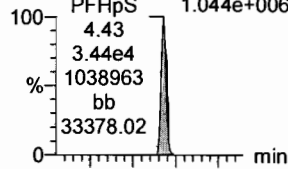
**L-PFOA**

F20:MRM of 2 channels,ES-  
413 > 368.7  
5.785e+006



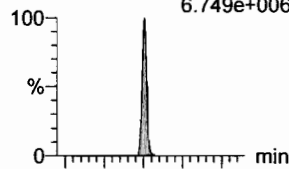
**PFHpS**

F25:MRM of 2 channels,ES-  
449 > 80.0  
1.044e+006



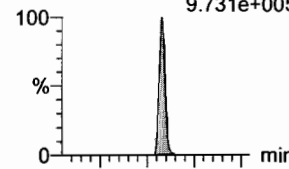
**PFNA**

F26:MRM of 2 channels,ES-  
463.0 > 418.8  
6.749e+006



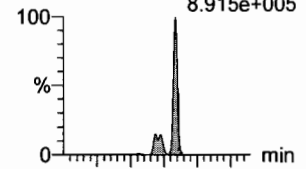
**PFOSA**

F29:MRM of 4 channels,ES-  
498.1 > 77.8  
9.731e+005

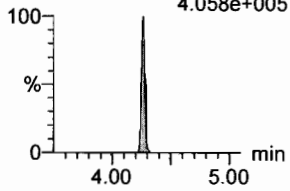


**L-PFOS**

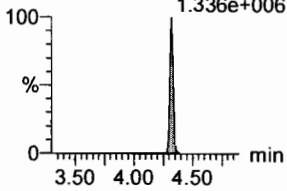
F31:MRM of 2 channels,ES-  
499 > 79.9  
8.915e+005



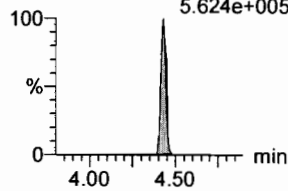
F23:MRM of 2 channels,ES-  
427.1 > 80  
4.058e+005



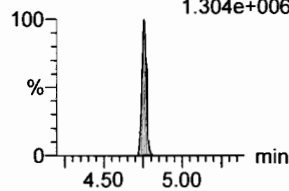
F20:MRM of 2 channels,ES-  
413 > 169  
1.336e+006



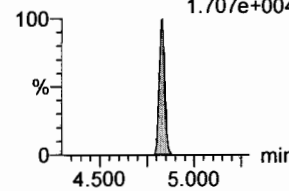
F25:MRM of 2 channels,ES-  
449 > 98.7  
5.624e+005



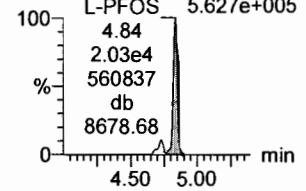
F26:MRM of 2 channels,ES-  
463.0 > 219.0  
1.304e+006



F29:MRM of 4 channels,ES-  
498.1 > 478  
1.707e+004

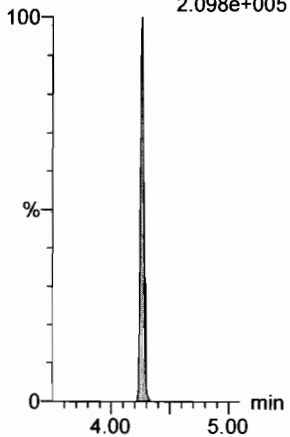


F31:MRM of 2 channels,ES-  
499 > 99  
5.627e+005



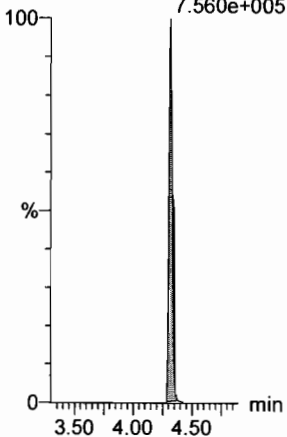
**13C2-6:2 FTS**

F24:MRM of 1 channel,ES-  
429.1 > 408.9  
2.098e+005



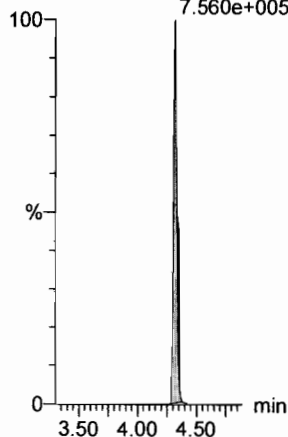
**13C2-PFOA**

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
7.560e+005



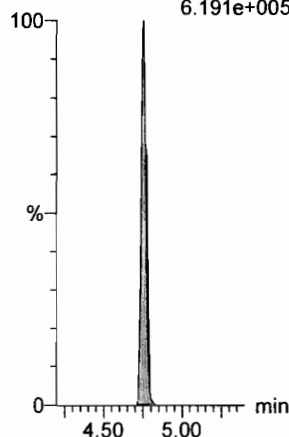
**13C2-PFOA**

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
7.560e+005



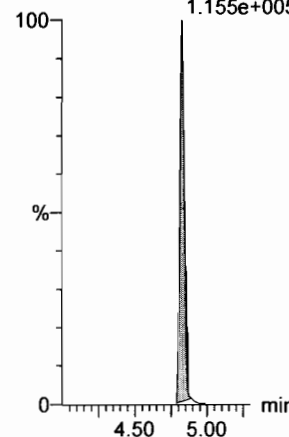
**13C5-PFNA**

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
6.191e+005



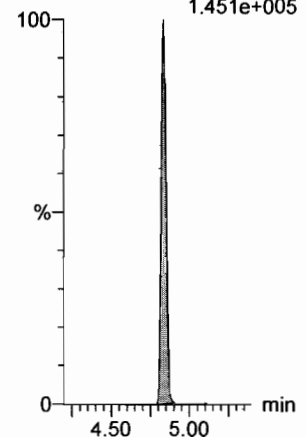
**13C8-PFOSA**

F33:MRM of 1 channel,ES-  
506.1 > 77.7  
1.155e+005



**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
1.451e+005



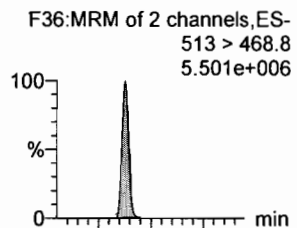
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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

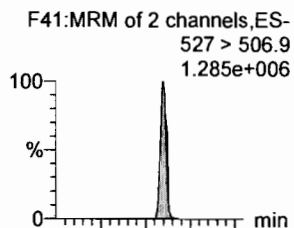
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_9, Date: 08-Mar-2018, Time: 09:02:11, ID: ST180307M1-8 PFC CS5 18B2820, Description: PFC CS5 18B2820

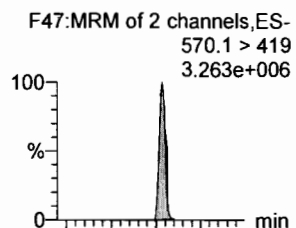
**PFDA**



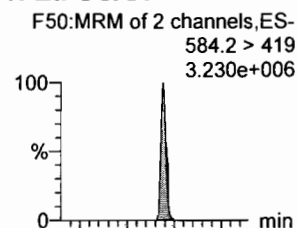
**8:2 FTS**



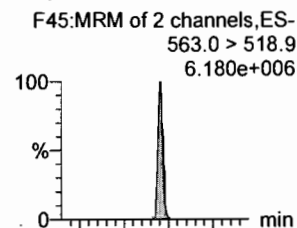
**N-MeFOSAA**



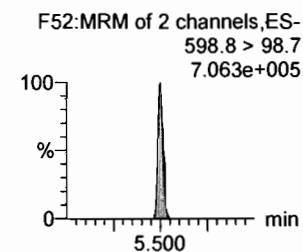
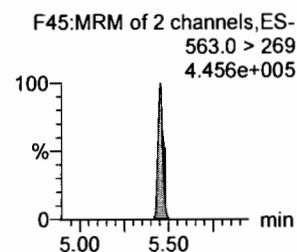
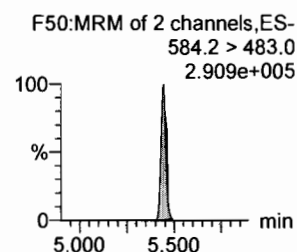
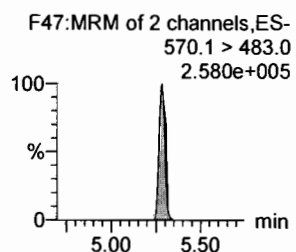
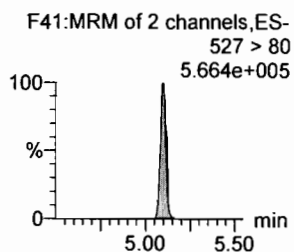
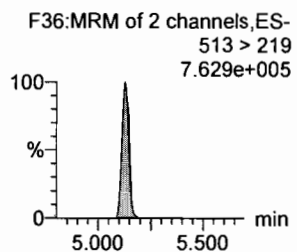
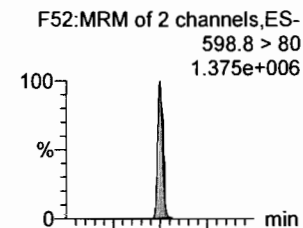
**N-EtFOSAA**



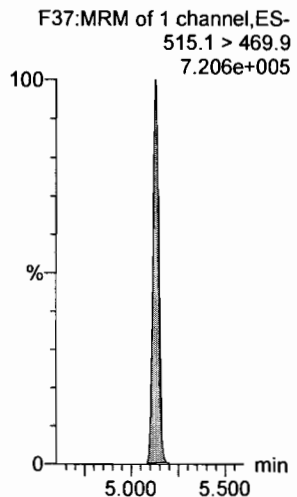
**PFUdA**



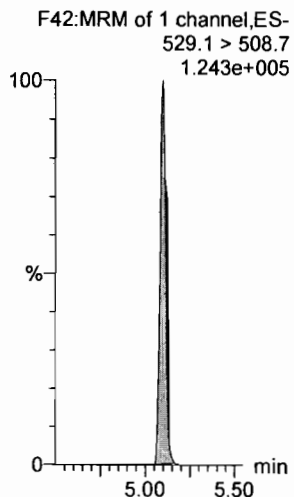
**PFDS**



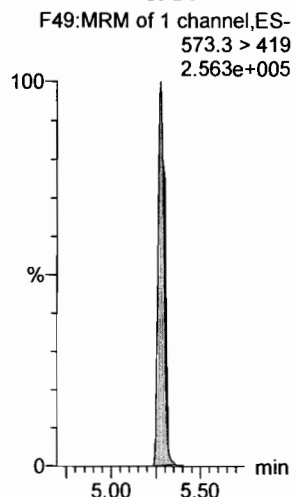
**13C2-PFDA**



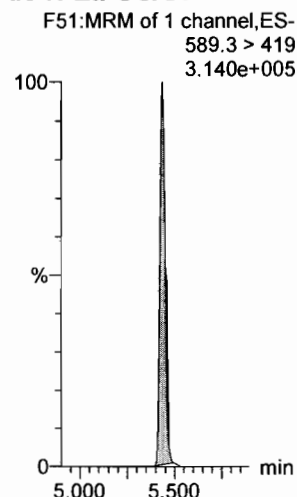
**13C2-8:2 FTS**



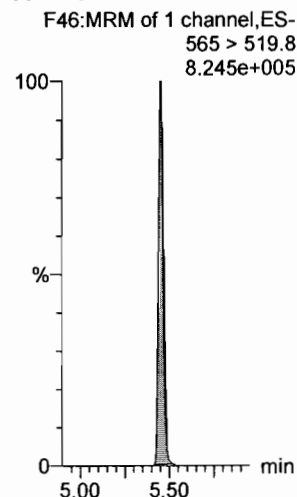
**d3-N-MeFOSAA**



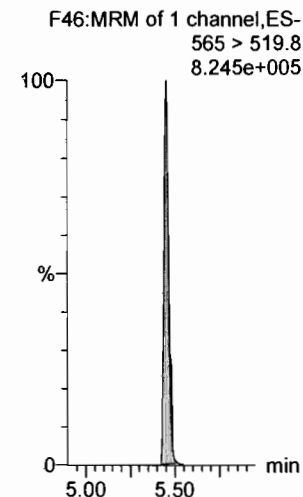
**d5-N-EtFOSAA**



**13C2-PFUdA**



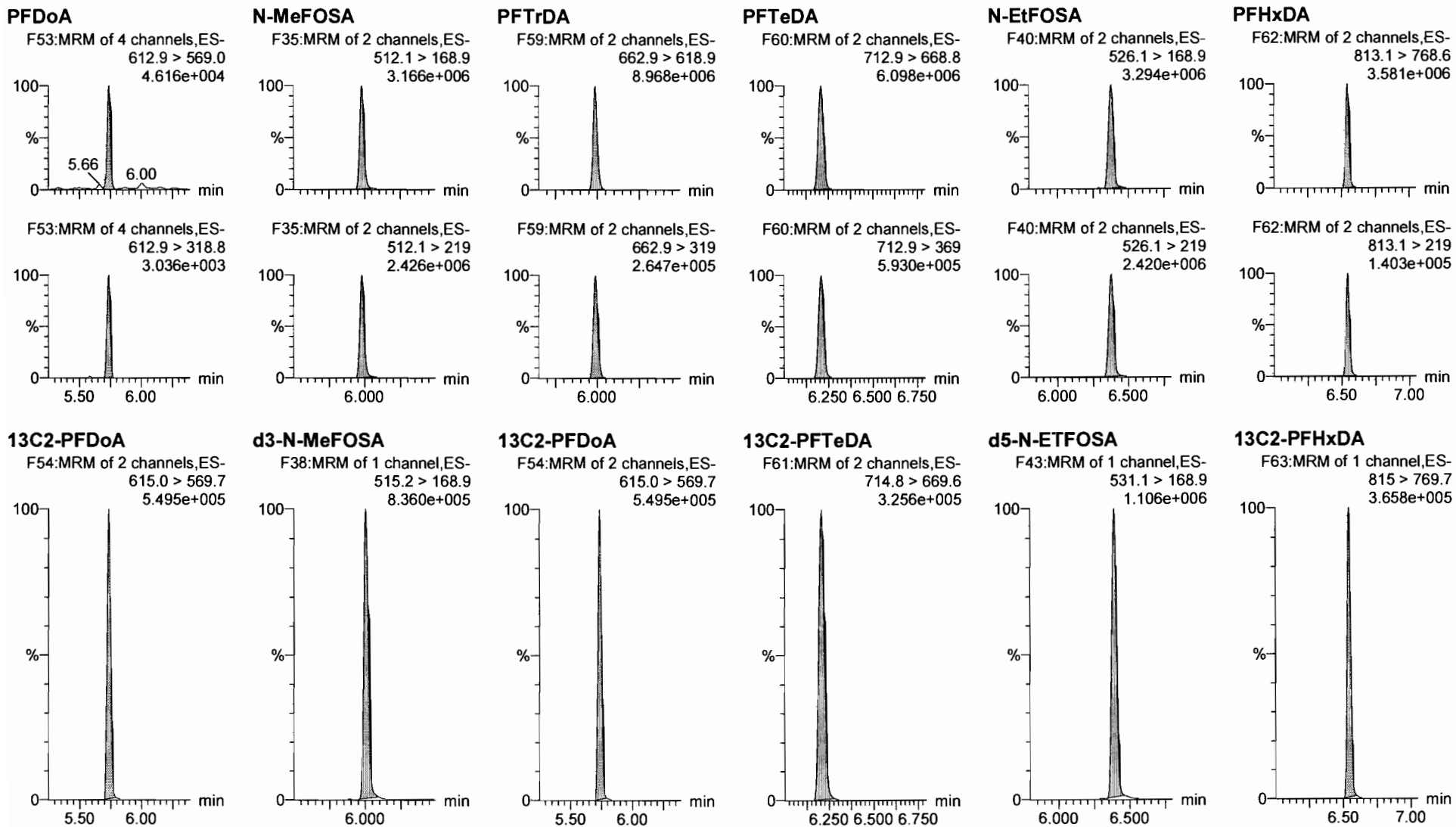
**13C2-PFUdA**



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time  
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_9, Date: 08-Mar-2018, Time: 09:02:11, ID: ST180307M1-8 PFC CS5 18B2820, Description: PFC CS5 18B2820

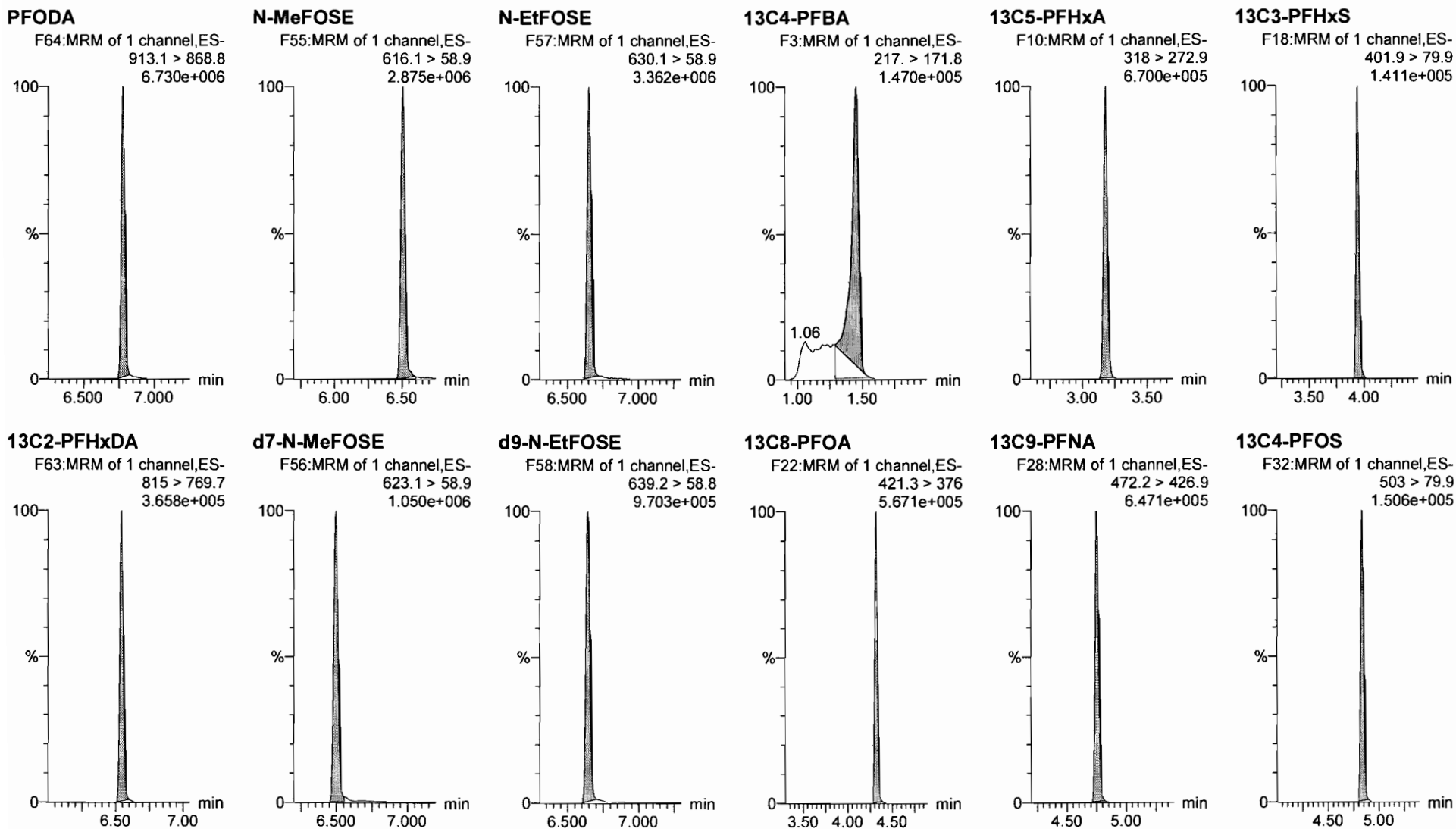


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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

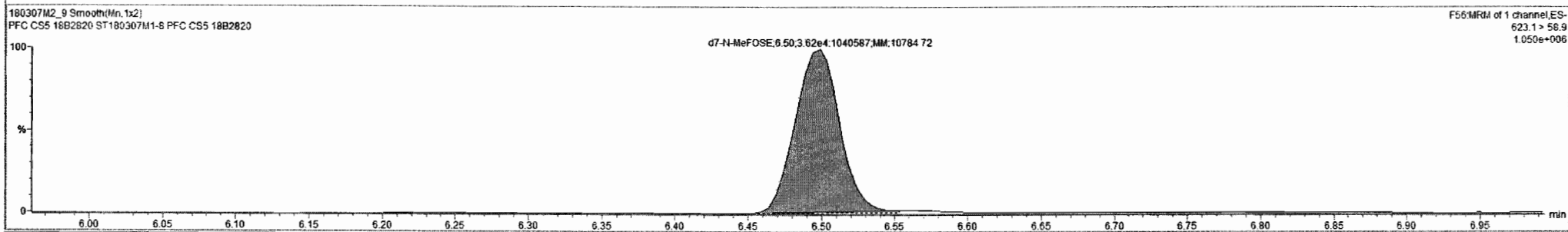
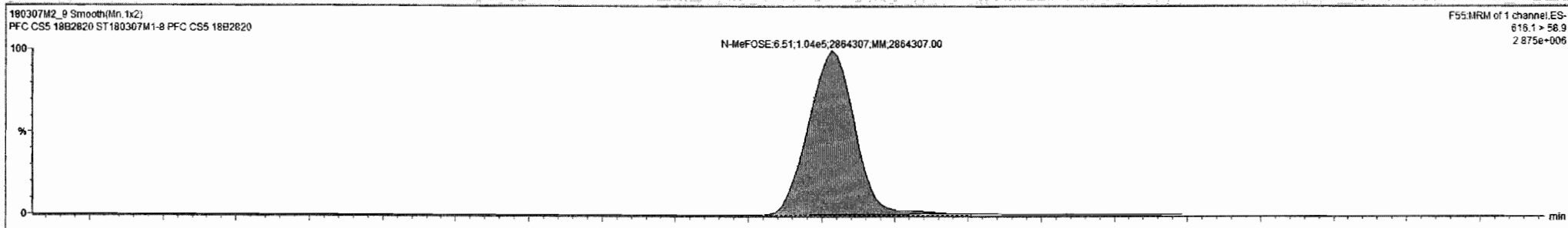
Name: 180307M2\_9, Date: 08-Mar-2018, Time: 09:02:11, ID: ST180307M1-8 PFC CS5 18B2820, Description: PFC CS5 18B2820





N-MeFOSE

#	Name	Type	Std. Conc.	RT	Area	ESArea	Response	Primary Flags	Conc.	%Dev	Acq. D.	Acq. TL	Cal. Date	%Rec	RRF	Divisor
1	180307M2_2	Standard	1.250	6.51	237.013	39605.852	0.911	bb	0.3	-77.1	08-Mar...	07:41:47	09-Mar...	22.9	0.729	1.0
2	180307M2_3	Standard	2.500	6.51	563.383	39011.109	2.126	bb	1.8	-28.1	08-Mar...	07:53:13	09-Mar...	71.9	0.851	1.0
3	180307M2_4	Standard	5.000	6.51	1264.549	34824.887	5.447	bb	5.9	18.5	08-Mar...	08:04:42	09-Mar...	118.5	1.089	1.0
4	180307M2_5	Standard	10.000	6.51	2408.220	33766.207	10.697	bb	12.5	24.6	08-Mar...	08:16:12	09-Mar...	124.8	1.070	1.0
5	180307M2_6	Standard	25.000	6.51	5310.190	33783.949	23.577	bb	28.5	13.9	08-Mar...	08:27:42	09-Mar...	113.9	0.943	1.0
6	180307M2_7	Standard	50.000	6.51	9153.002	28439.365	48.276	MM	59.2	18.4	08-Mar...	08:39:12	09-Mar...	118.4	0.966	1.0
7	180307M2_8	Standard	250.000	6.51	62198.896	36806.313	253.485	bb	314.4	25.8	08-Mar...	08:50:42	09-Mar...	125.8	1.014	1.0
8	180307M2_9	Standard	500.000	6.51	104114.391	36172.488	431.741	MM	538.1	7.2	08-Mar...	09:02:11	09-Mar...	107.2	0.883	1.0
9	180307M2_10	Standard	1250.000	6.51	221984.281	32206.184	1033.890	bb	1285.0	2.8	08-Mar...	09:13:38	09-Mar...	102.8	0.827	1.0
10	180307M2_11	Standard	2500.000	6.51	434045.250	34443.641	1890.241	MM	2350.1	-6.0	08-Mar...	09:25:07	09-Mar...	94.0	0.756	1.0



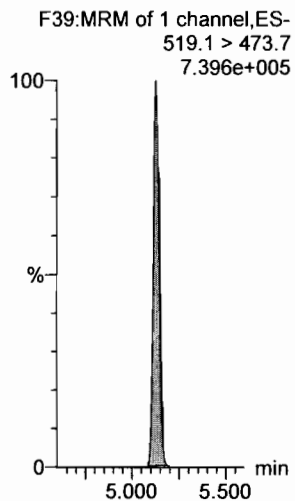
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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

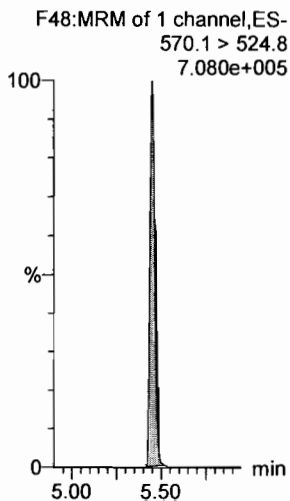
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_9, Date: 08-Mar-2018, Time: 09:02:11, ID: ST180307M1-8 PFC CS5 18B2820, Description: PFC CS5 18B2820

13C6-PFDA



13C7-PFUDa



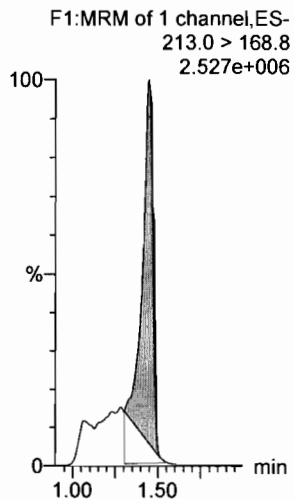
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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

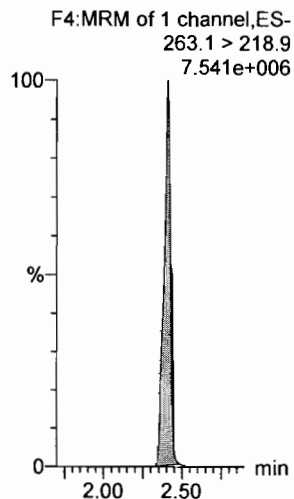
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_10, Date: 08-Mar-2018, Time: 09:13:38, ID: ST180307M1-9 PFC CS6 18B2821, Description: PFC CS6 18B2821

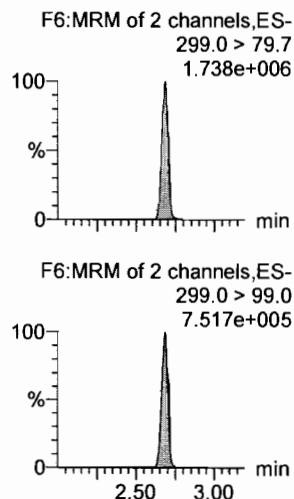
**PFBA**



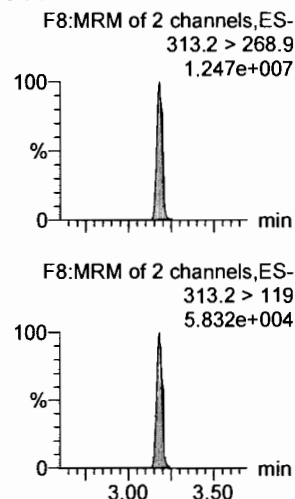
**PFPeA**



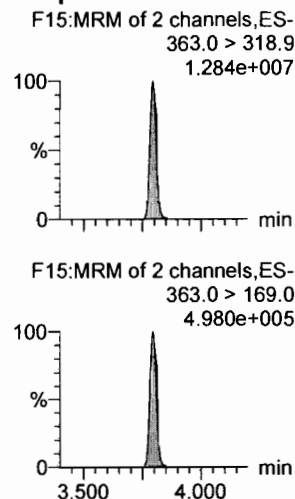
**PFBS**



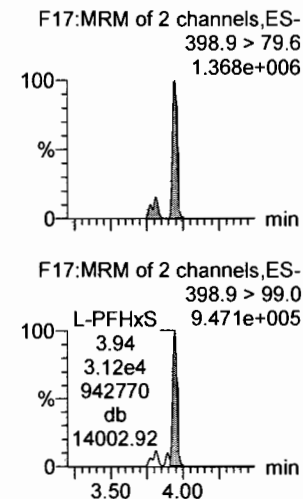
**PFHxA**



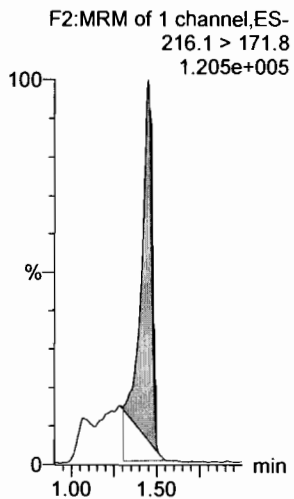
**PFHpA**



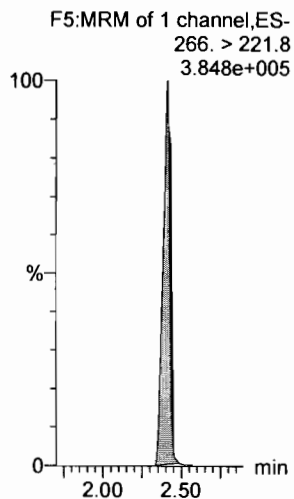
**L-PFHxS**



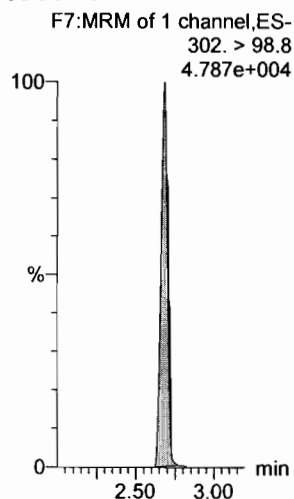
**13C3-PFBA**



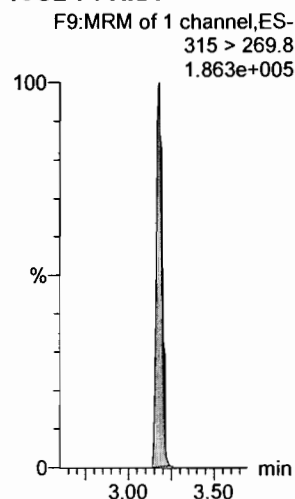
**13C3-PFPeA**



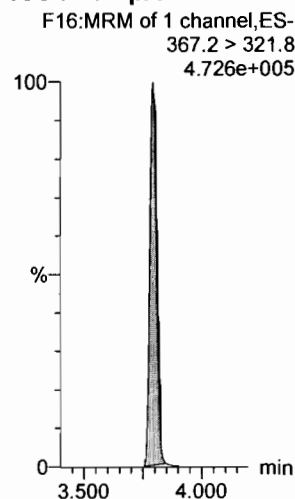
**13C3-PFBS**



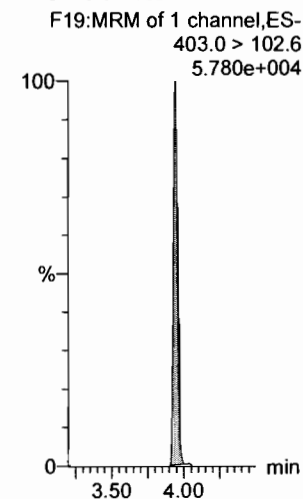
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**

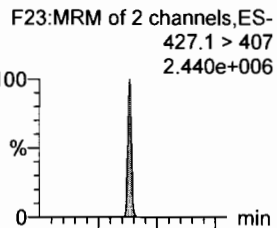


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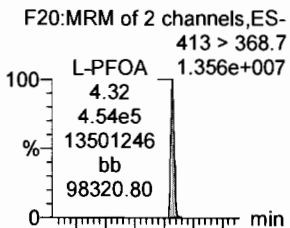
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time  
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_10, Date: 08-Mar-2018, Time: 09:13:38, ID: ST180307M1-9 PFC CS6 18B2821, Description: PFC CS6 18B2821

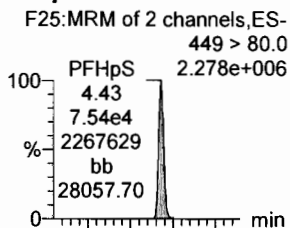
6:2 FTS



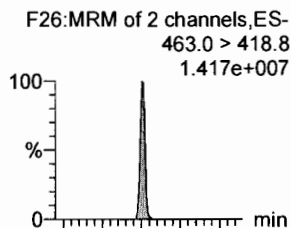
L-PFOA



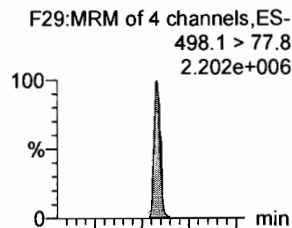
PFHpS



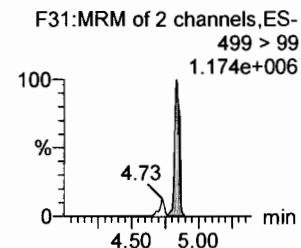
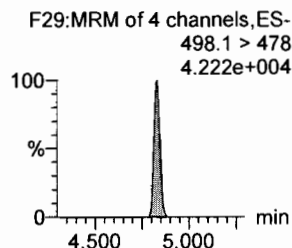
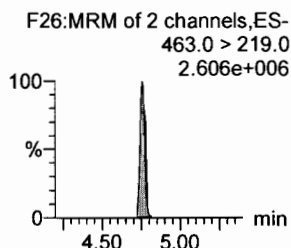
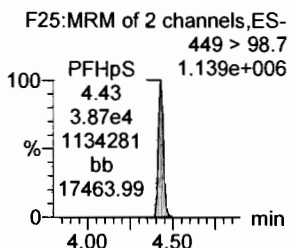
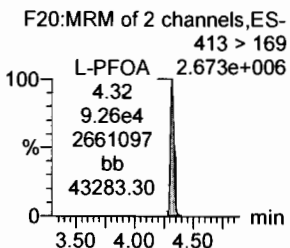
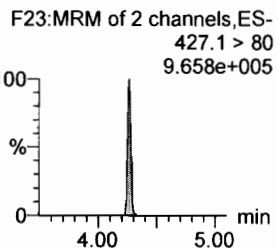
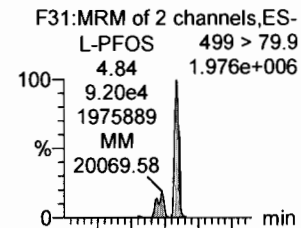
PFNA



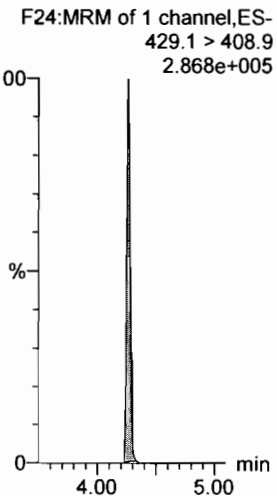
PFOSA



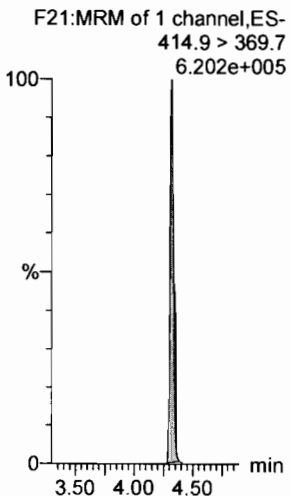
L-PFOS



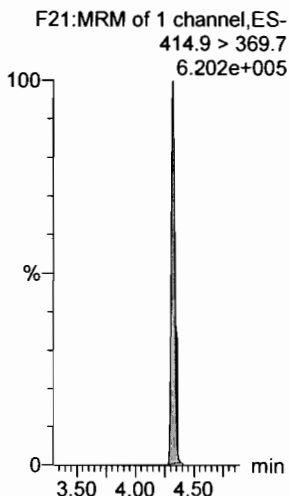
13C2-6:2 FTS



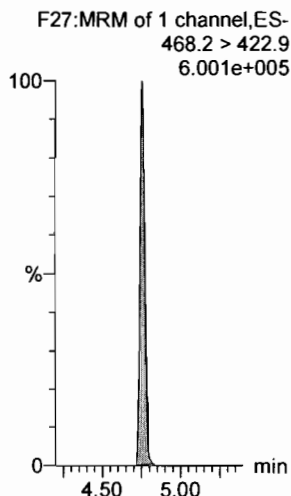
13C2-PFOA



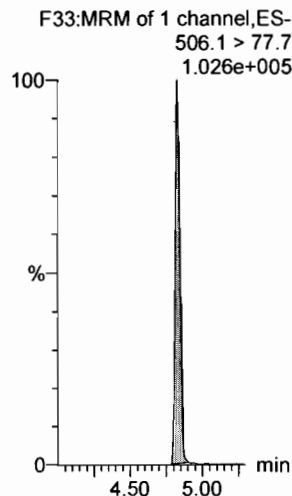
13C2-PFOA



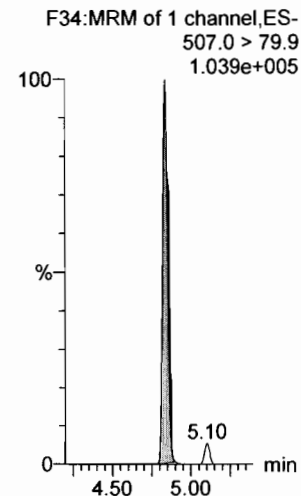
13C5-PFNA



13C8-PFOSA



13C8-PFOS



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

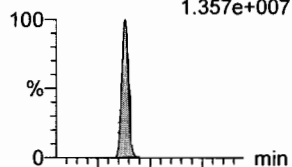
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_10, Date: 08-Mar-2018, Time: 09:13:38, ID: ST180307M1-9 PFC CS6 18B2821, Description: PFC CS6 18B2821

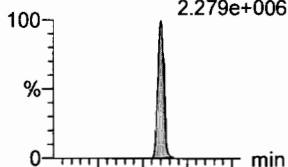
**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
1.357e+007



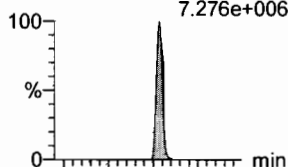
**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
2.279e+006



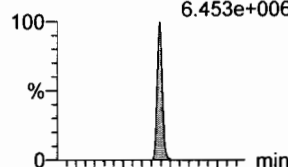
**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
7.276e+006



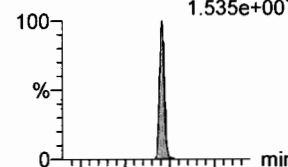
**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
6.453e+006



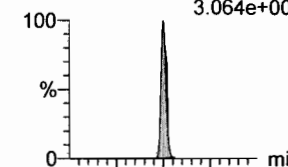
**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
1.535e+007

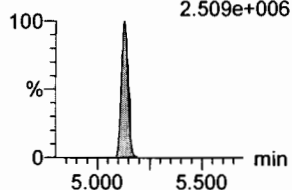


**PFDS**

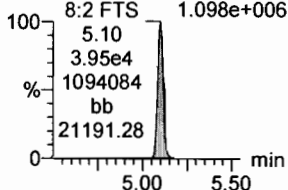
F52:MRM of 2 channels,ES-  
598.8 > 80  
3.064e+006



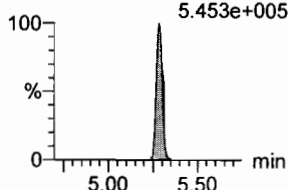
F36:MRM of 2 channels,ES-  
513 > 219  
2.509e+006



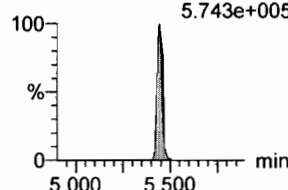
F41:MRM of 2 channels,ES-  
527 > 80  
1.098e+006



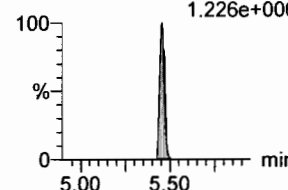
F47:MRM of 2 channels,ES-  
570.1 > 483.0  
5.453e+005



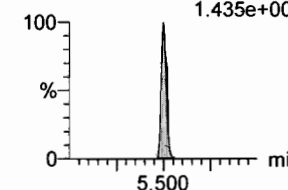
F50:MRM of 2 channels,ES-  
584.2 > 483.0  
5.743e+005



F45:MRM of 2 channels,ES-  
563.0 > 269  
1.226e+006

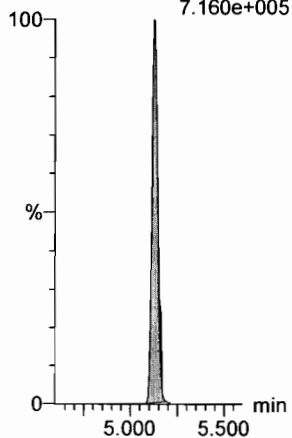


F52:MRM of 2 channels,ES-  
598.8 > 98.7  
1.435e+006



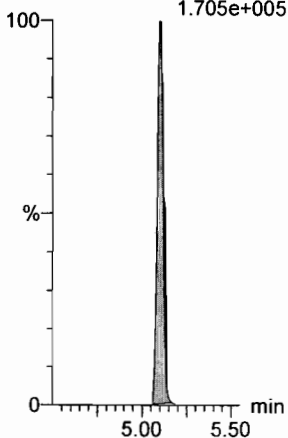
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
7.160e+005



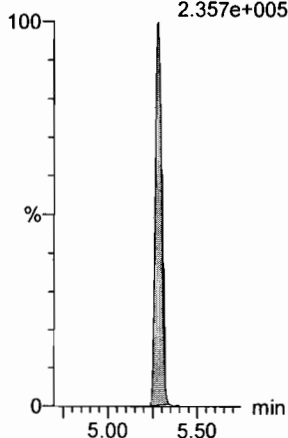
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
1.705e+005



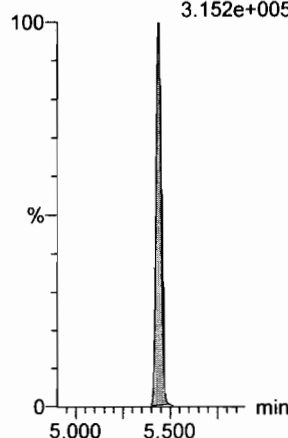
**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
2.357e+005



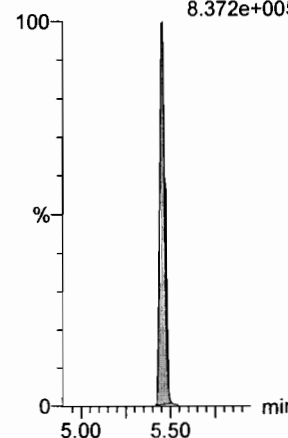
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
3.152e+005



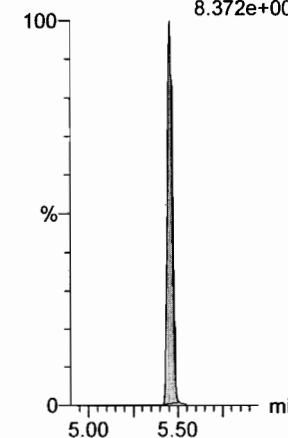
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
8.372e+005



**13C2-PFUDa**

F46:MRM of 1 channel,ES-  
565 > 519.8  
8.372e+005



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

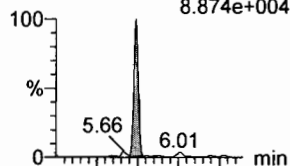
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

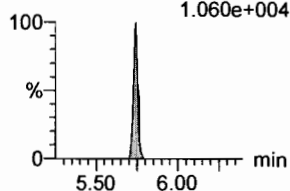
Name: 180307M2\_10, Date: 08-Mar-2018, Time: 09:13:38, ID: ST180307M1-9 PFC CS6 18B2821, Description: PFC CS6 18B2821

**PFDoA**

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
8.874e+004

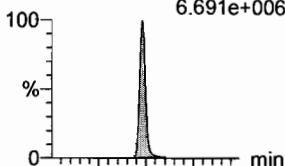


F53:MRM of 4 channels,ES-  
612.9 > 318.8  
1.060e+004

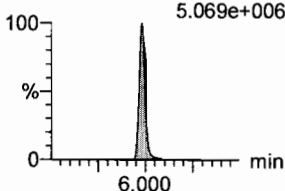


**N-MeFOSA**

F35:MRM of 2 channels,ES-  
512.1 > 168.9  
6.691e+006

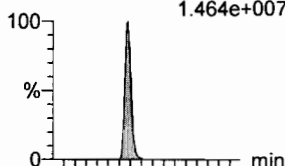


F35:MRM of 2 channels,ES-  
512.1 > 219  
5.069e+006

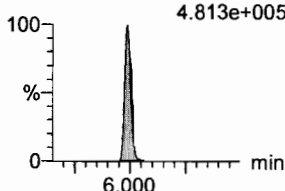


**PFTeDA**

F59:MRM of 2 channels,ES-  
662.9 > 618.9  
1.464e+007



F59:MRM of 2 channels,ES-  
662.9 > 319  
4.813e+005

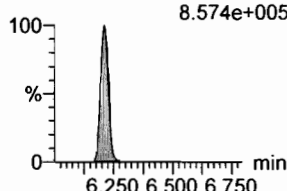


**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
1.081e+007

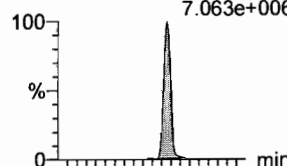


F60:MRM of 2 channels,ES-  
712.9 > 369  
8.574e+005

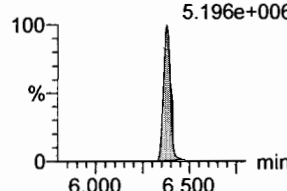


**N-EtFOSA**

F40:MRM of 2 channels,ES-  
526.1 > 168.9  
7.063e+006

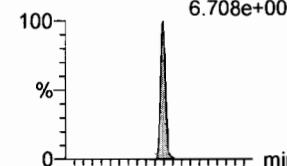


F40:MRM of 2 channels,ES-  
526.1 > 219  
5.196e+006

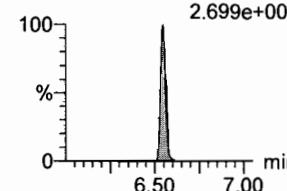


**PFHxDA**

F62:MRM of 2 channels,ES-  
813.1 > 768.6  
6.708e+006

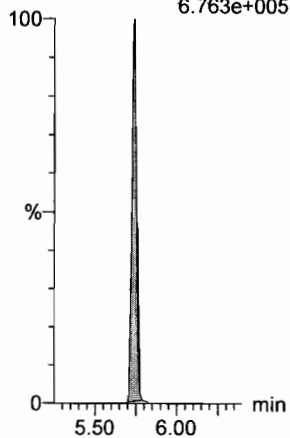


F62:MRM of 2 channels,ES-  
813.1 > 219  
2.699e+005



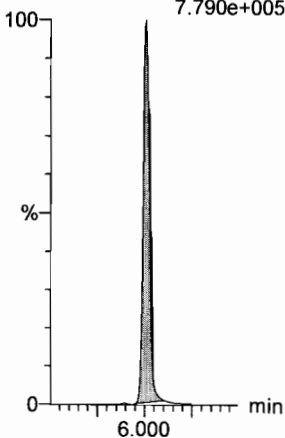
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
6.763e+005



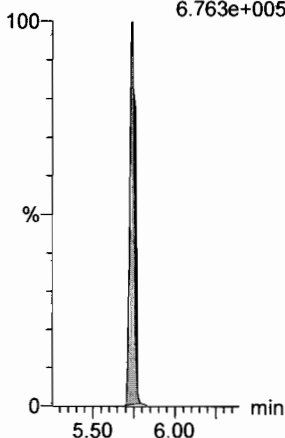
**d3-N-MeFOSA**

F38:MRM of 1 channel,ES-  
515.2 > 168.9  
7.790e+005



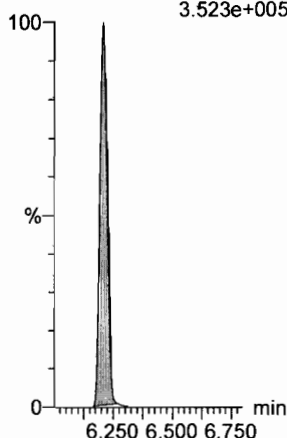
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
6.763e+005



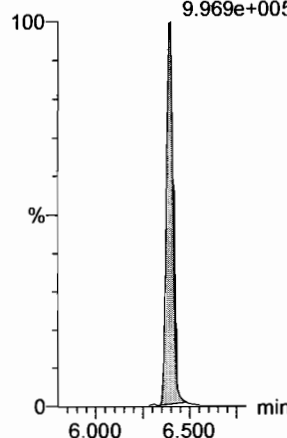
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
3.523e+005



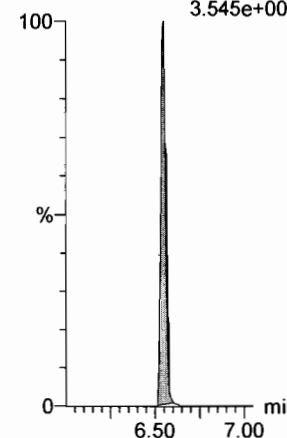
**d5-N-ETFOSA**

F43:MRM of 1 channel,ES-  
531.1 > 168.9  
9.969e+005



**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
3.545e+005



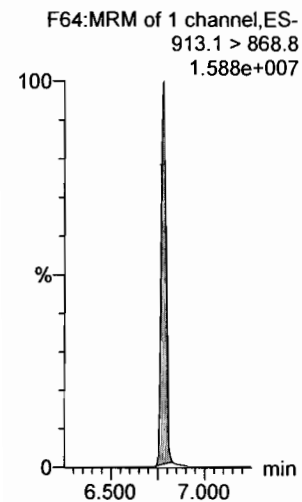
Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

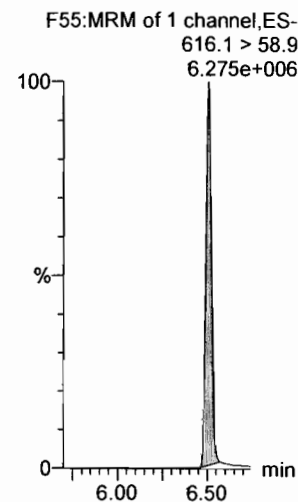
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_10, Date: 08-Mar-2018, Time: 09:13:38, ID: ST180307M1-9 PFC CS6 18B2821, Description: PFC CS6 18B2821

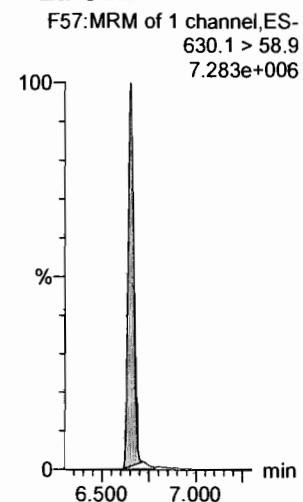
**PFODA**



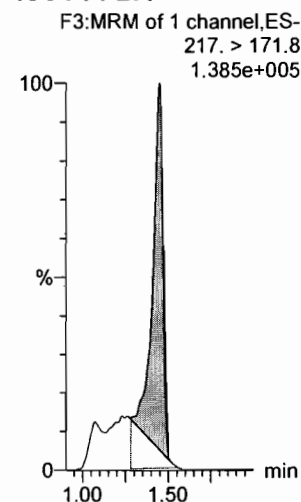
**N-MeFOSE**



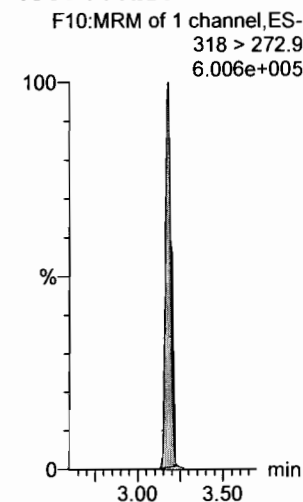
**N-EtFOSE**



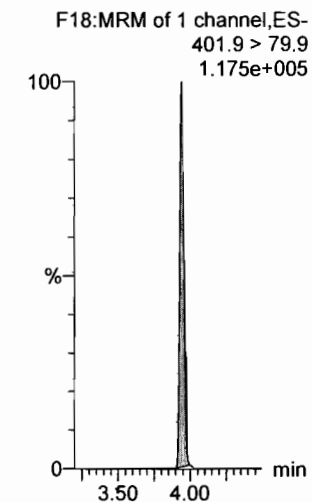
**13C4-PFBA**



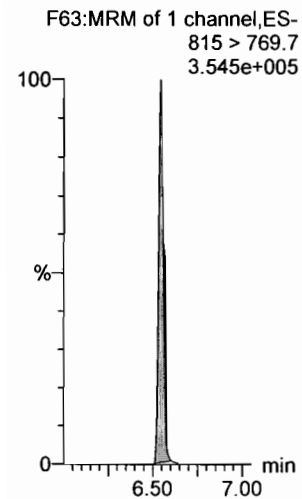
**13C5-PFHxA**



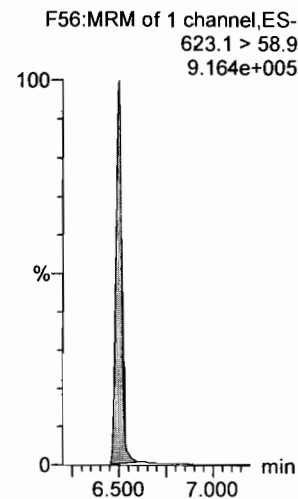
**13C3-PFHxS**



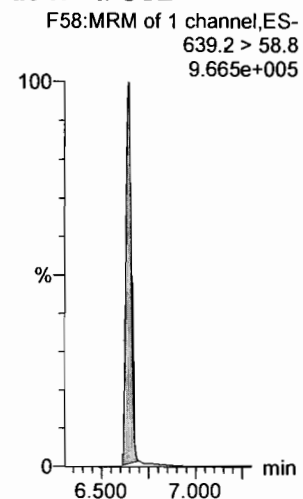
**13C2-PFHxDA**



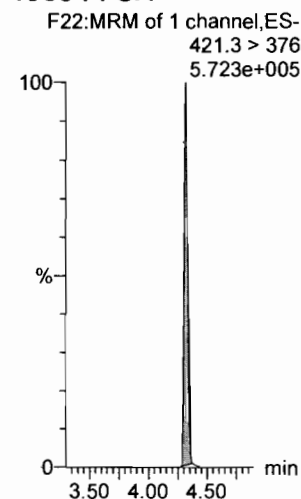
**d7-N-MeFOSE**



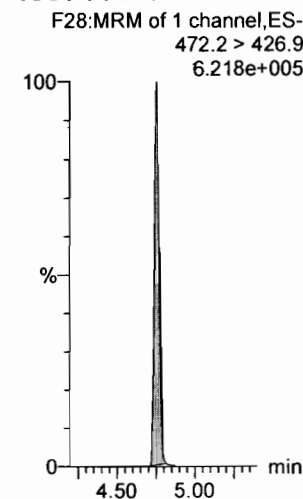
**d9-N-EtFOSE**



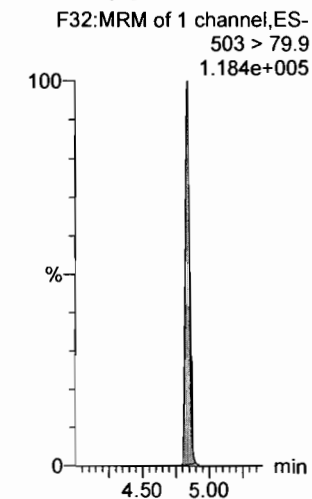
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

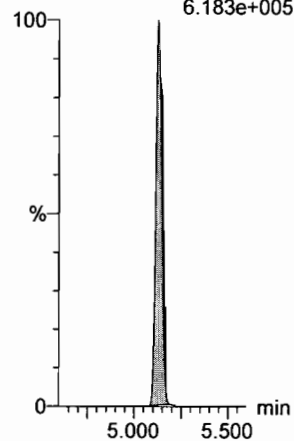
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Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_10, Date: 08-Mar-2018, Time: 09:13:38, ID: ST180307M1-9 PFC CS6 18B2821, Description: PFC CS6 18B2821

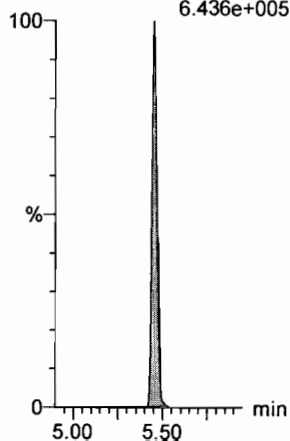
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
6.183e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
6.436e+005





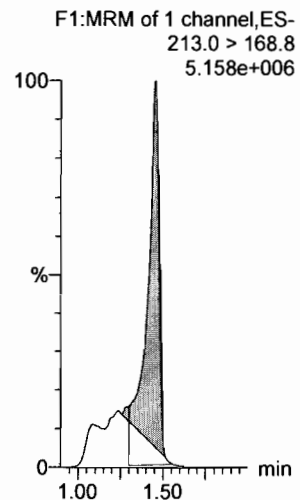
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Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

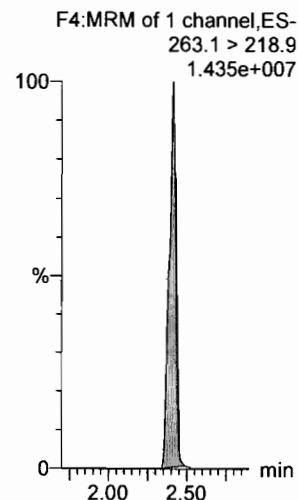
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Name: 180307M2\_11, Date: 08-Mar-2018, Time: 09:25:07, ID: ST180307M1-10 PFC CS7 18B2822, Description: PFC CS7 18B2822

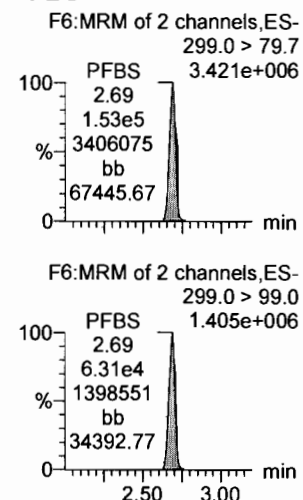
**PFBA**



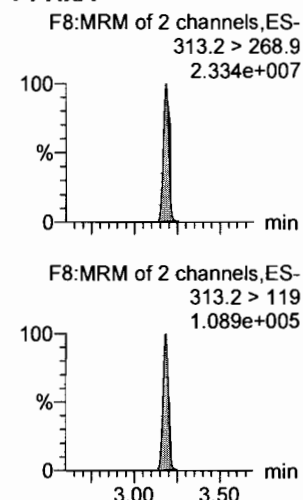
**PFPeA**



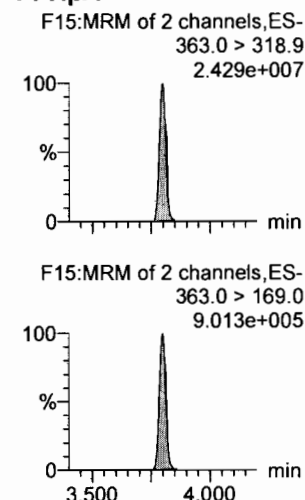
**PFBS**



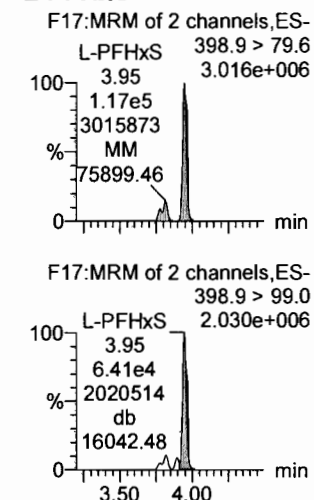
**PFHxA**



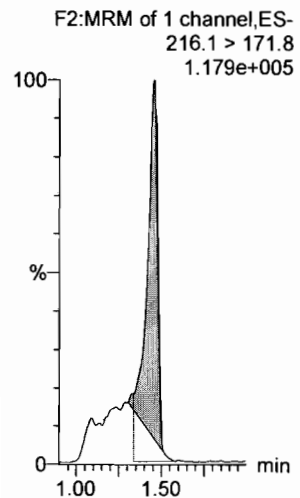
**PFHpA**



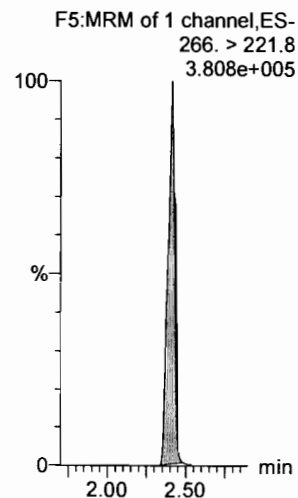
**L-PFHxS**



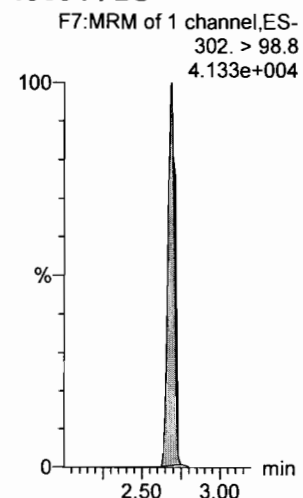
**13C3-PFBA**



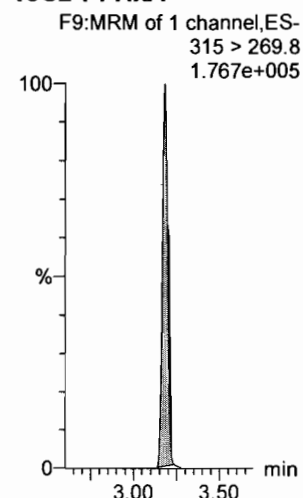
**13C3-PFPeA**



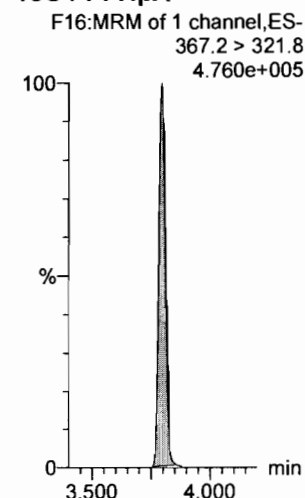
**13C3-PFBS**



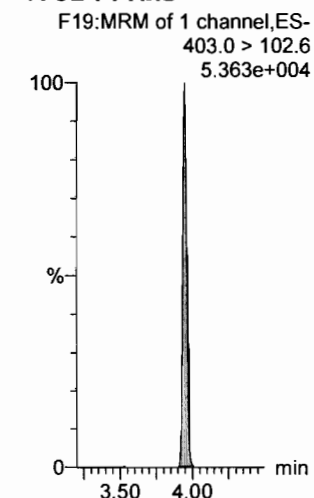
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**

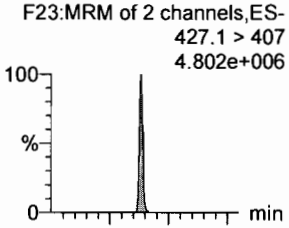


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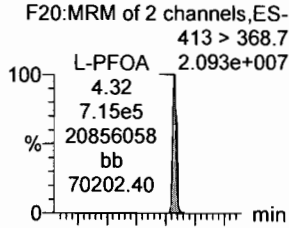
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time  
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_11, Date: 08-Mar-2018, Time: 09:25:07, ID: ST180307M1-10 PFC CS7 18B2822, Description: PFC CS7 18B2822

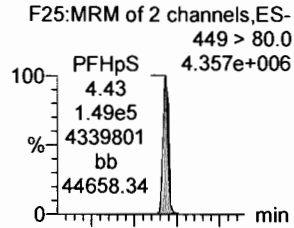
**6:2 FTS**



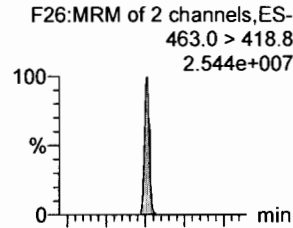
**L-PFOA**



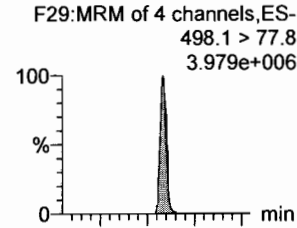
**PFHpS**



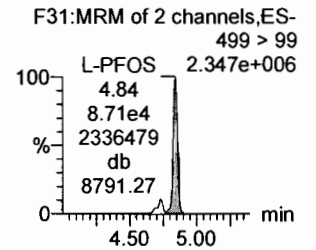
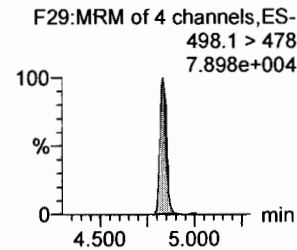
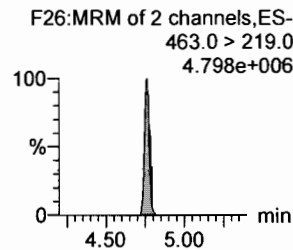
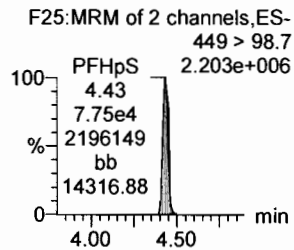
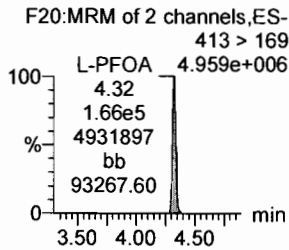
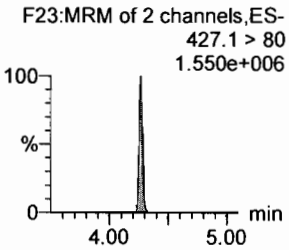
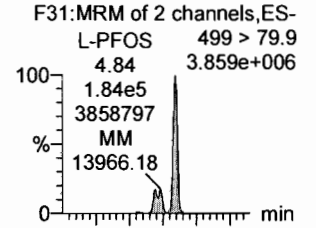
**PFNA**



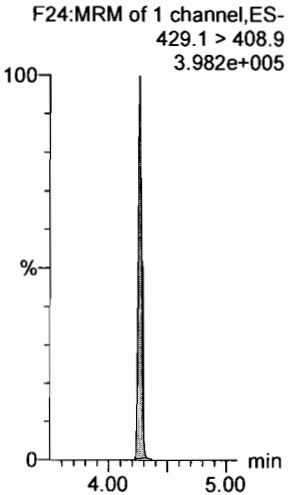
**PFOSA**



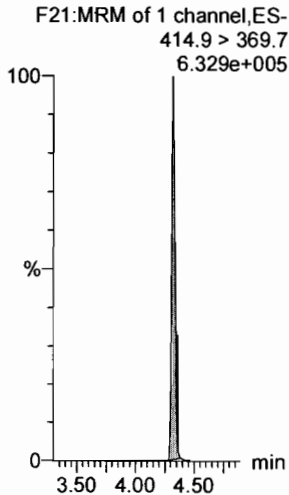
**L-PFOS**



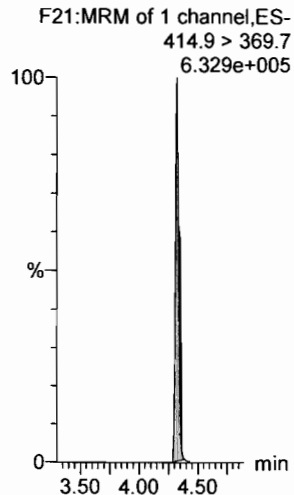
**13C2-6:2 FTS**



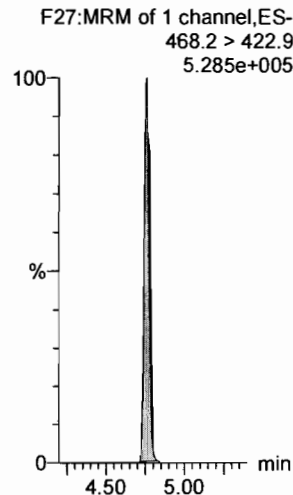
**13C2-PFOA**



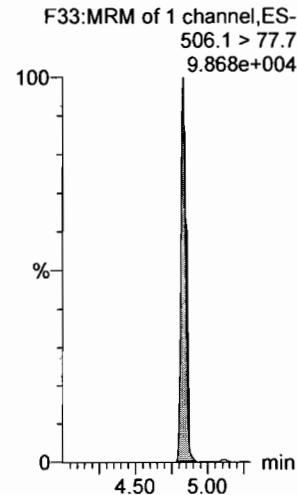
**13C2-PFOA**



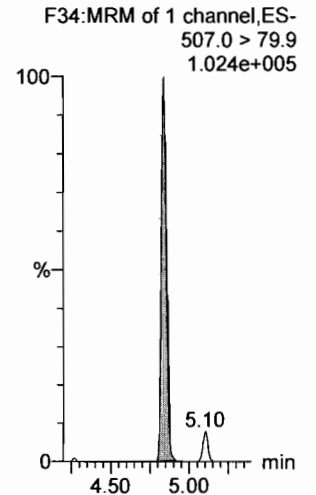
**13C5-PFNA**



**13C8-PFOSA**



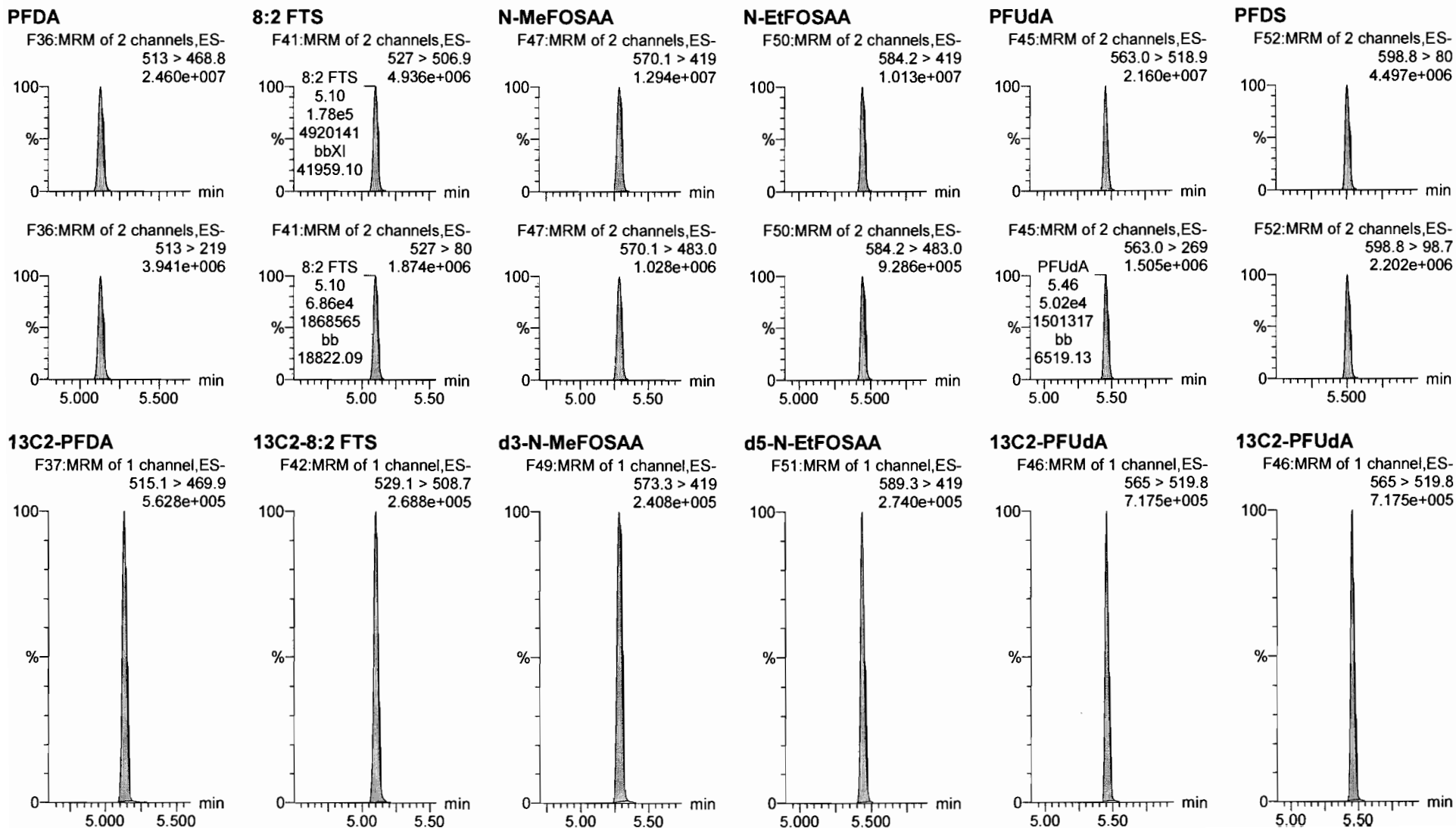
**13C8-PFOS**



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time  
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_11, Date: 08-Mar-2018, Time: 09:25:07, ID: ST180307M1-10 PFC CS7 18B2822, Description: PFC CS7 18B2822



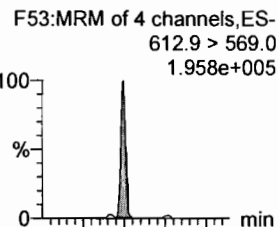
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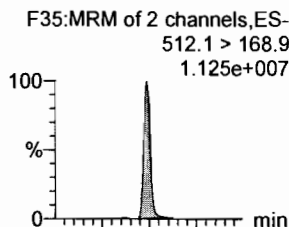
Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_11, Date: 08-Mar-2018, Time: 09:25:07, ID: ST180307M1-10 PFC CS7 18B2822, Description: PFC CS7 18B2822

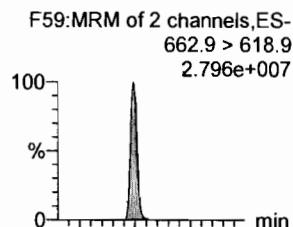
**PFDoA**



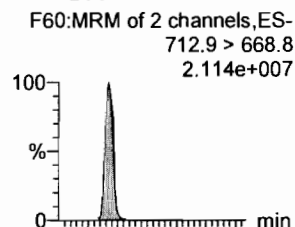
**N-MeFOSA**



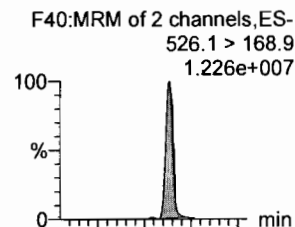
**PFTrDA**



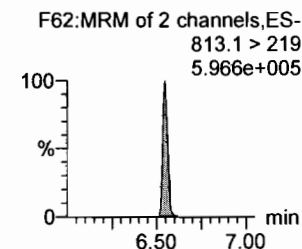
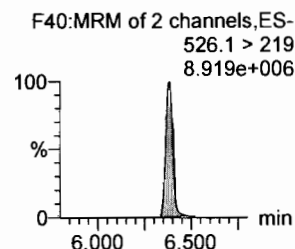
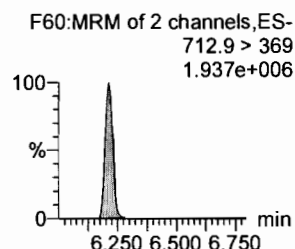
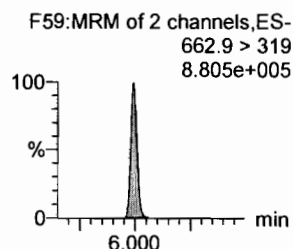
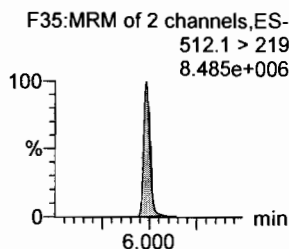
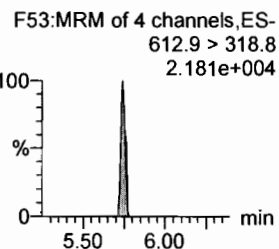
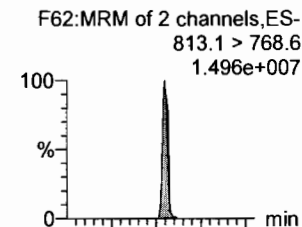
**PFTeDA**



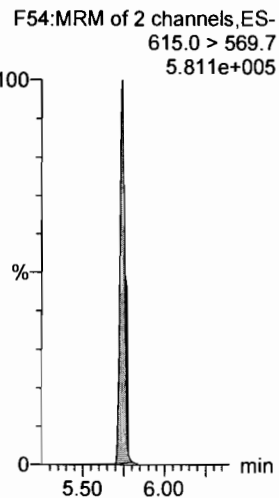
**N-EtFOSA**



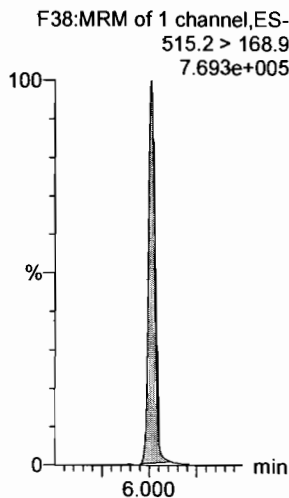
**PFHxDA**



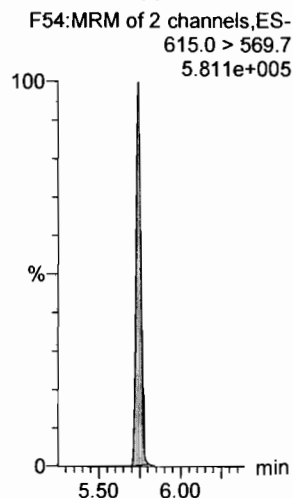
**13C2-PFDoA**



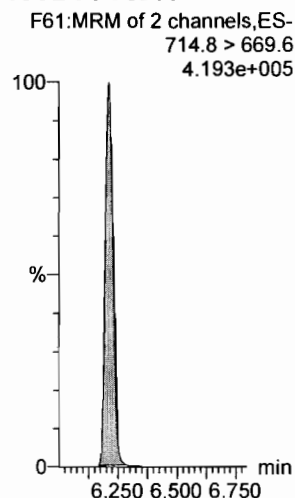
**d3-N-MeFOSA**



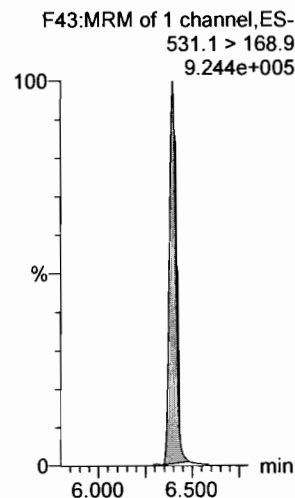
**13C2-PFTeDA**



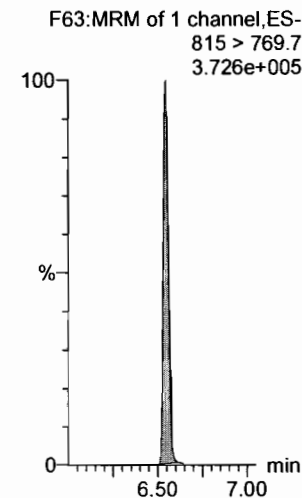
**13C2-PFTeDA**



**d5-N-ETFOSA**



**13C2-PFHxDA**



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

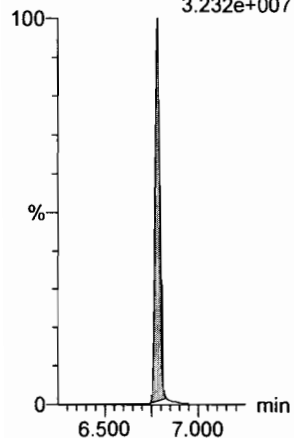
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_11, Date: 08-Mar-2018, Time: 09:25:07, ID: ST180307M1-10 PFC CS7 18B2822, Description: PFC CS7 18B2822

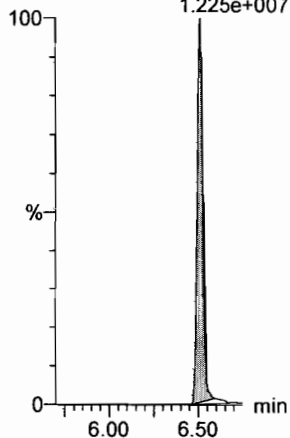
**PFODA**

F64:MRM of 1 channel,ES-  
913.1 > 868.8  
3.232e+007



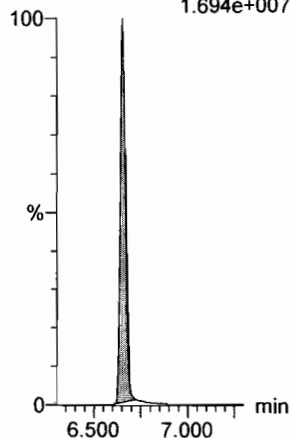
**N-MeFOSE**

F55:MRM of 1 channel,ES-  
616.1 > 58.9  
1.225e+007



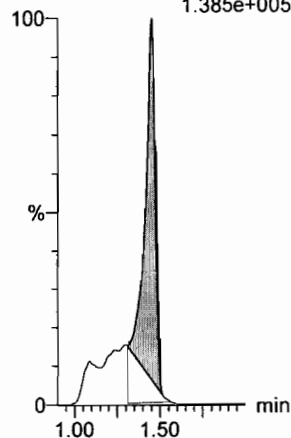
**N-EtFOSE**

F57:MRM of 1 channel,ES-  
630.1 > 58.9  
1.694e+007



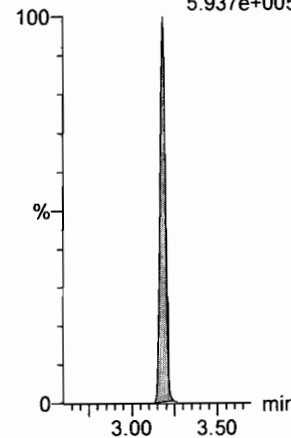
**13C4-PFBA**

F3:MRM of 1 channel,ES-  
217. > 171.8  
1.385e+005



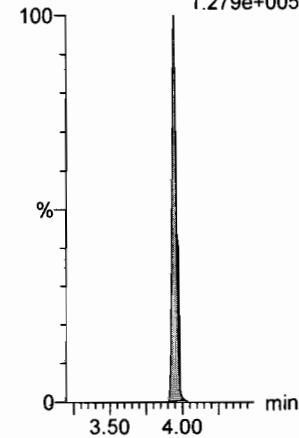
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
5.937e+005



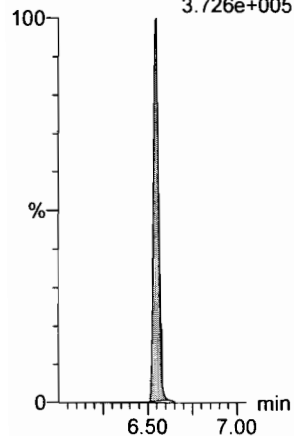
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
1.279e+005



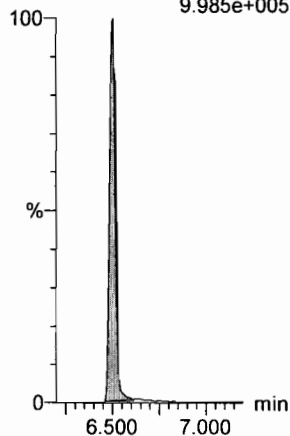
**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
3.726e+005



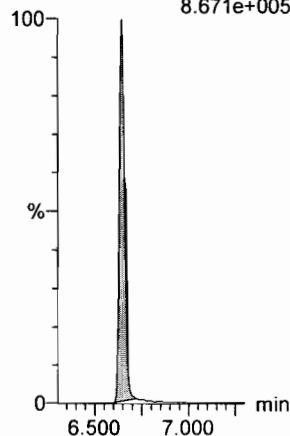
**d7-N-MeFOSE**

F56:MRM of 1 channel,ES-  
623.1 > 58.9  
9.985e+005



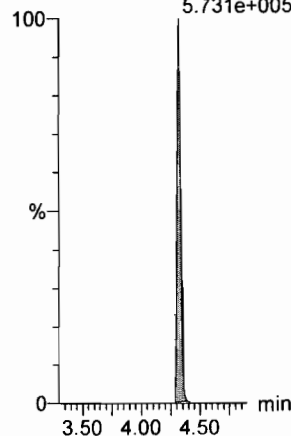
**d9-N-EtFOSE**

F58:MRM of 1 channel,ES-  
639.2 > 58.8  
8.671e+005



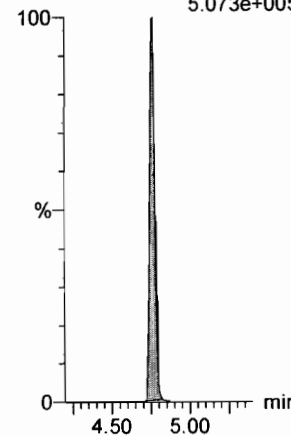
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
5.731e+005



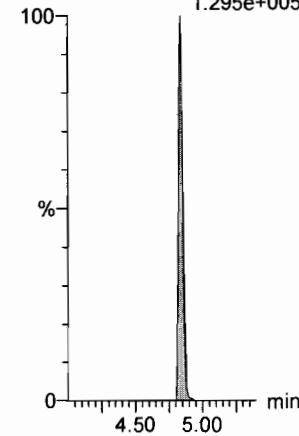
**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
5.073e+005



**13C4-PFOS**

F32:MRM of 1 channel,ES-  
503 > 79.9  
1.295e+005



Dataset: F:\Projects\PFAS.PRO\Results\180308M1\180307M2-CRV.qld

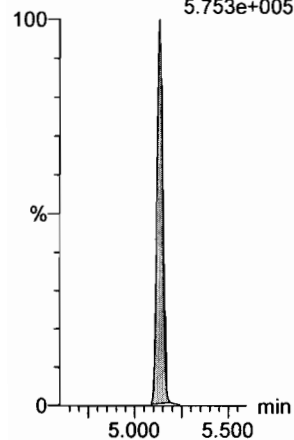
Last Altered: Friday, March 09, 2018 10:23:41 Pacific Standard Time

Printed: Friday, March 09, 2018 10:43:19 Pacific Standard Time

Name: 180307M2\_11, Date: 08-Mar-2018, Time: 09:25:07, ID: ST180307M1-10 PFC CS7 18B2822, Description: PFC CS7 18B2822

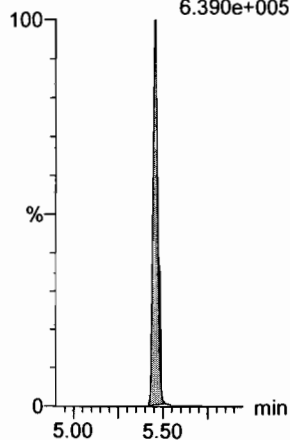
**13C6-PFDA**

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
5.753e+005



**13C7-PFUdA**

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
6.390e+005



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-13.qld

Last Altered: Friday, March 09, 2018 12:51:42 Pacific Standard Time

Printed: Friday, March 09, 2018 12:51:46 Pacific Standard Time

Ⓐ Not used.  
Ⓑ Not in ICV.

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 08 Mar 2018 15:11:54

Calibration: F:\Projects\PFAS.PRO\CurveDB\IC18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 12:43:20

Name: 180307M2\_13, Date: 08-Mar-2018, Time: 09:48:06, ID: ICV180307M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
1	1 PFBA	213.0 > 168.8	6.84e3	7.44e3		1.73	1.46	11.5	9.97	99.7		NO
2	2 PFPeA	263.1 > 218.9	1.55e4	2.00e4		2.70	2.42	9.64	10.2	101.5		NO
3	3 PFBS	299.0 > 79.7	3.05e3	2.47e3		2.98	2.69	15.4	8.59	85.9		NO
4	4 4:2 FTS	327.2 > 307.2	3.66e3	2.47e3		3.38	3.09	18.5	9.19	91.9		NO
5	5 PFHxA	313.2 > 268.9	1.83e4	6.89e3		3.48	3.18	13.3	9.62	96.2		NO
6	6 PFPeS	349.1 > 80.1	3.41e3	2.47e3		3.67	3.38	17.3	10.3	102.7		NO
7	7 PFHpA	363.0 > 318.9	1.80e4	1.63e4		4.10	3.80	13.8	10.8	108.1		NO
8	8 L-PFHxS	398.9 > 79.6	2.50e3	1.94e3		4.24	3.95	16.1	8.99	89.9		NO
9	10 6:2 FTS	427.1 > 407	4.40e3	5.53e3		4.56	4.26	9.93	9.78	97.8		NO
10	11 L-PFOA	413 > 368.7	1.97e4	2.55e4		4.45	4.32	9.65	9.21	92.1		NO
11	13 PFHpS	449 > 80.0	3.64e3	2.55e4		4.71	4.43	1.79	10.1	101.4		NO
12	14 PFNA	463.0 > 418.8	2.02e4	2.27e4		5.04	4.76	11.2	9.15	91.5		NO
13	15 PFOSA	498.1 > 77.8	3.42e3	4.62e3		5.09	4.83	9.26	9.11	91.1		NO
14	16 L-PFOS	499 > 79.9	4.08e3	5.39e3		4.84	4.84	9.45	9.12	91.2		NO
15	18 PFDA	513 > 468.8	1.89e4	2.22e4		5.40	5.13	10.6	10.5	105.0		NO
16	19 8:2 FTS	527 > 506.9	4.42e3	3.73e3		5.38	5.10	14.8	9.16	91.6		NO
17	20 PFNS	549.1 > 80.1	2.92e3	5.39e3		5.46	5.20	6.77	8.03	80.3		NO
18	21 N-MeFOSAA	570.1 > 419	1.32e4	1.05e4		5.55	5.29	15.7	10.1	100.5		NO
19	22 N-EtFOSAA	584.2 > 419	9.96e3	1.08e4		5.70	5.45	11.6	10.1	101.1		NO
20	23 PFUdA	563.0 > 518.9	2.24e4	2.72e4		5.72	5.46	10.3	10.2	101.9		NO
21	24 PFDS	598.8 > 80	4.14e3	2.72e4		5.76	5.50	1.90	9.37	93.7		NO
22	25 PFDoA	612.9 > 569.0	1.85e4	2.43e4		5.99	5.74	9.52	1040	10385.0		YES Ⓐ
23	26 N-MeFOSA	512.1 > 168.9		2.97e4		5.93				Ⓑ		NO
24	27 PFTrDA	662.9 > 618.9	2.59e4	2.43e4		6.22	5.99	13.3	10.9	108.9		NO
25	28 PFTeDA	712.9 > 668.8	2.22e4	1.43e4		6.41	6.21	19.4	10.9	108.5		NO
26	29 N-EtFOSA	526.1 > 168.9		4.29e4		6.25				Ⓑ		NO
27	30 PFHxDA	813.1 > 768.6		1.22e4		6.69						NO
28	31 PFODA	913.1 > 868.8		1.22e4		6.90						NO
29	32 N-MeFOSE	616.1 > 58.9		3.35e4		6.31						NO
30	33 N-EtFOSE	630.1 > 58.9		2.84e4		6.45						NO
31	34 13C3-PFBA	216.1 > 171.8	7.44e3	8.25e3	0.882	1.73	1.45	11.3	12.8	102.2		NO

AM  
3/9/18

Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-13.qld

Last Altered: Friday, March 09, 2018 12:51:42 Pacific Standard Time

Printed: Friday, March 09, 2018 12:51:46 Pacific Standard Time

Name: 180307M2\_13, Date: 08-Mar-2018, Time: 09:48:06, ID: ICV180307M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812

	# Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
32	35 13C3-PFPeA	266. > 221.8	2.00e4	2.21e4	0.888	2.70	2.42	11.3	12.7	101.9	NO	
33	36 13C3-PFBS	302. > 98.8	2.47e3	2.21e4	0.101	2.98	2.69	1.39	13.8	110.5	NO	
34	37 13C2-PFHxA	315 > 269.8	6.89e3	2.21e4	0.744	3.48	3.18	3.89	5.23	104.6	NO	
35	38 13C4-PFHpA	367.2 > 321.8	1.63e4	2.21e4	0.740	4.10	3.80	9.18	12.4	99.2	NO	
36	39 18O2-PFHxS	403.0 > 102.6	1.94e3	4.19e3	0.424	4.24	3.95	5.78	13.6	109.0	NO	
37	40 13C2-6:2 FTS	429.1 > 408.9	5.53e3	2.15e4	0.254	4.56	4.26	3.22	12.7	101.6	NO	
38	41 13C2-PFOA	414.9 > 369.7	2.55e4	2.15e4	1.129	4.61	4.32	14.8	13.1	105.2	NO	
39	42 13C5-PFNA	468.2 > 422.9	2.27e4	2.37e4	1.006	5.04	4.76	12.0	11.9	95.2	NO	
40	43 13C8-PFOSA	506.1 > 77.7	4.62e3	2.50e4	0.182	5.09	4.83	2.31	12.7	101.6	NO	
41	44 13C8-PFOS	507.0 > 79.9	5.39e3	5.00e3	1.049	5.11	4.84	13.5	12.9	102.9	NO	
42	45 13C2-PFDA	515.1 > 469.9	2.22e4	2.18e4	1.082	5.40	5.13	12.7	11.8	94.1	NO	
43	46 13C2-8:2 FTS	529.1 > 508.7	3.73e3	2.21e4	0.161	5.38	5.10	2.11	13.1	104.8	NO	
44	47 d3-N-MeFOSAA	573.3 > 419	1.05e4	2.50e4	0.426	5.55	5.28	5.25	12.3	98.6	NO	
45	48 d5-N-EtFOSAA	589.3 > 419	1.08e4	2.50e4	0.459	5.70	5.44	5.38	11.7	93.7	NO	
46	49 13C2-PFUdA	565 > 519.8	2.72e4	2.50e4	1.051	5.72	5.46	13.6	13.0	103.6	NO	
47	50 13C2-PFDoA	615.0 > 569.7	2.43e4	2.50e4	0.827	5.99	5.74	12.2	14.7	117.7	NO	
48	51 d3-N-MeFOSA	515.2 > 168.9	2.97e4	2.50e4	0.107	5.93	6.01	14.9	139	92.6	NO	
49	52 13C2-PFTeDA	714.8 > 669.6	1.43e4	2.50e4	0.514	6.41	6.21	7.17	14.0	111.6	NO	
50	53 d5-N-ETFOSA	531.1 > 168.9	4.29e4	2.50e4	0.152	6.25	6.40	21.5	141	94.3	NO	
51	54 13C2-PFHxDA	815 > 769.7	1.22e4	2.50e4	1.185	6.69	6.55	6.08	5.13	102.6	NO	
52	55 d7-N-MeFOSE	623.1 > 58.9	3.35e4	2.50e4	0.122	6.31	6.50	16.7	137	91.4	NO	
53	56 d9-N-EtFOSE	639.2 > 58.8	2.84e4	2.50e4	0.109	6.45	6.64	14.2	131	87.0	NO	
54	57 13C4-PFBA	217. > 171.8	8.25e3	8.25e3	1.000	1.73	1.45	12.5	12.5	100.0	NO	
55	58 13C5-PFHxA	318 > 272.9	2.21e4	2.21e4	1.000	3.48	3.18	12.5	12.5	100.0	NO	
56	59 13C3-PFHxS	401.9 > 79.9	4.19e3	4.19e3	1.000	4.24	3.95	12.5	12.5	100.0	NO	
57	60 13C8-PFOA	421.3 > 376	2.15e4	2.15e4	1.000	4.61	4.32	12.5	12.5	100.0	NO	
58	61 13C9-PFNA	472.2 > 426.9	2.37e4	2.37e4	1.000	4.70	4.76	12.5	12.5	100.0	NO	
59	62 13C4-PFOS	503 > 79.9	5.00e3	5.00e3	1.000	5.11	4.84	12.5	12.5	100.0	NO	
60	63 13C6-PFDA	519.1 > 473.7	2.18e4	2.18e4	1.000	5.40	5.13	12.5	12.5	100.0	NO	
61	64 13C7-PFUdA	570.1 > 524.8	2.50e4	2.50e4	1.000	5.72	5.46	12.5	12.5	100.0	NO	



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-13.qld

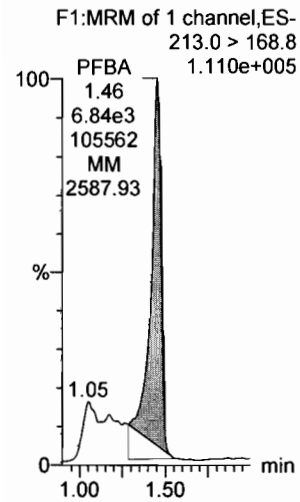
Last Altered: Friday, March 09, 2018 12:51:42 Pacific Standard Time  
Printed: Friday, March 09, 2018 12:51:46 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 08 Mar 2018 15:11:54

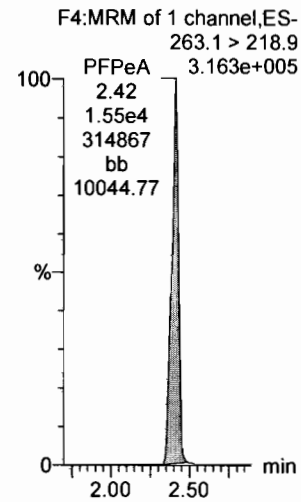
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 12:43:20

Name: 180307M2\_13, Date: 08-Mar-2018, Time: 09:48:06, ID: ICV180307M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812

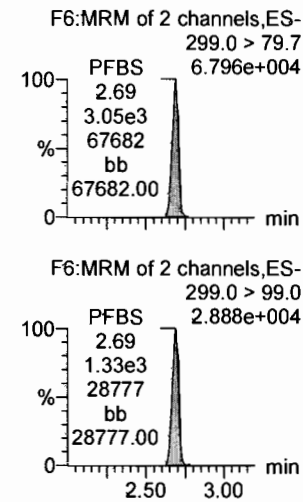
**PFBA**



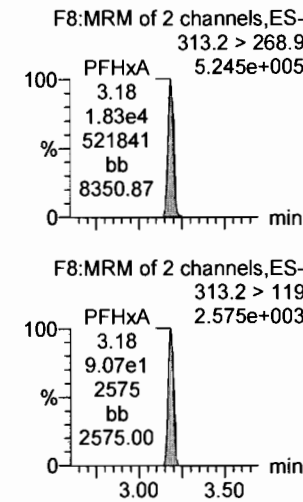
**PFPeA**



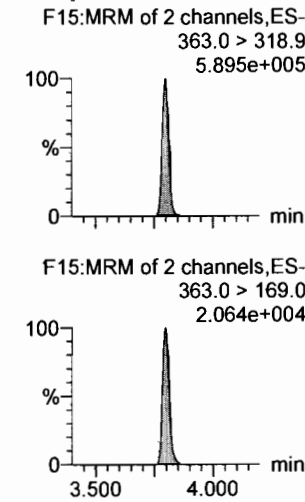
**PFBS**



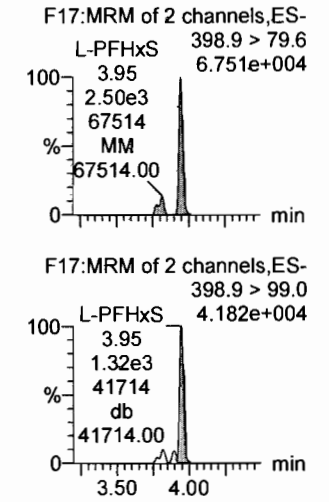
**PFHxA**



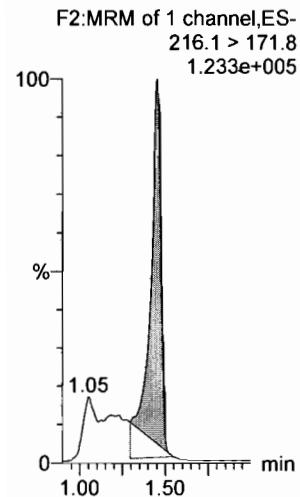
**PFHpA**



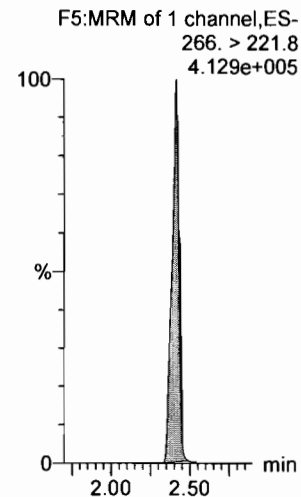
**L-PFHxS**



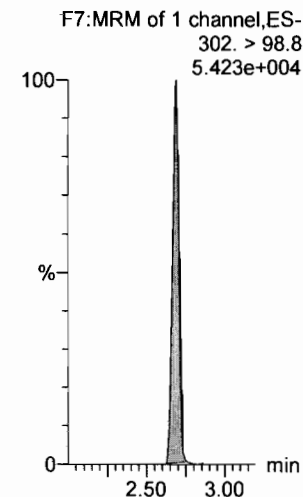
**13C3-PFBA**



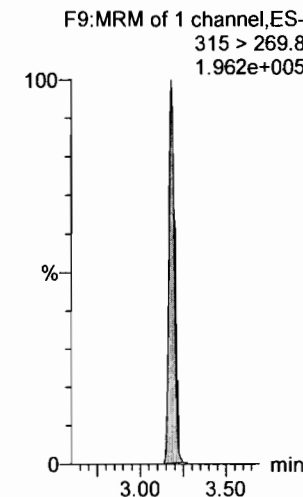
**13C3-PFPeA**



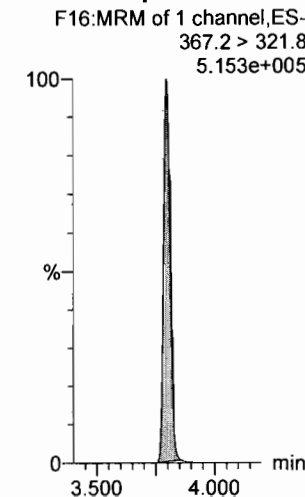
**13C3-PFBS**



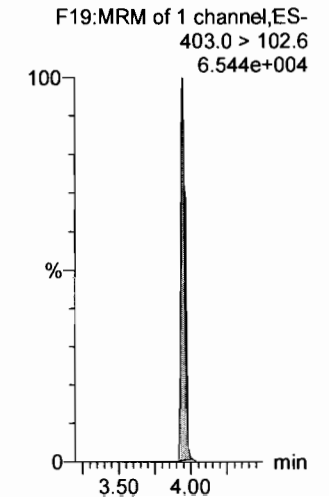
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



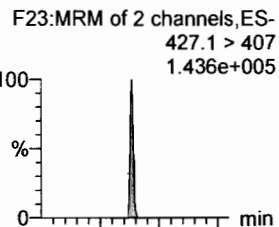
Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-13.qld

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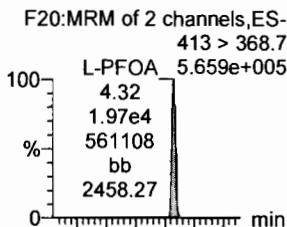
Printed: Friday, March 09, 2018 12:51:46 Pacific Standard Time

Name: 180307M2\_13, Date: 08-Mar-2018, Time: 09:48:06, ID: ICV180307M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812

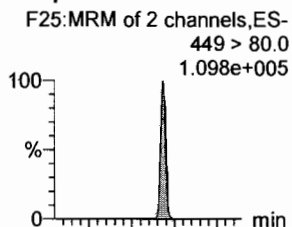
6:2 FTS



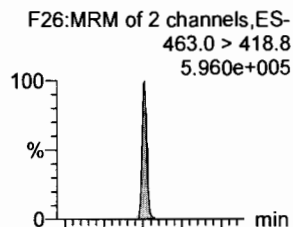
L-PFOA



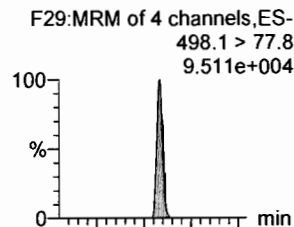
PFHpS



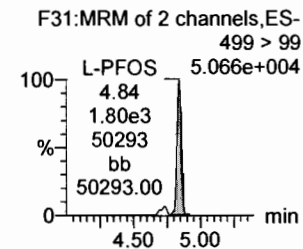
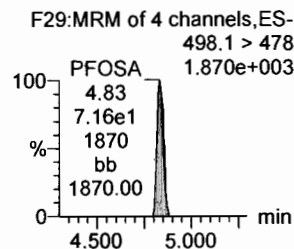
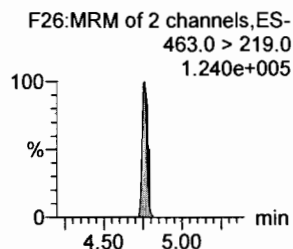
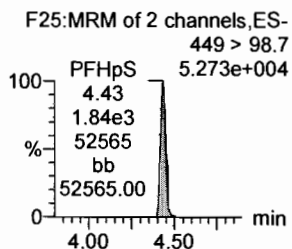
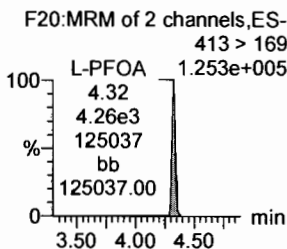
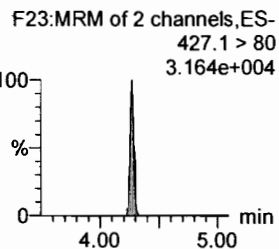
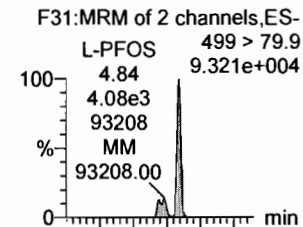
PFNA



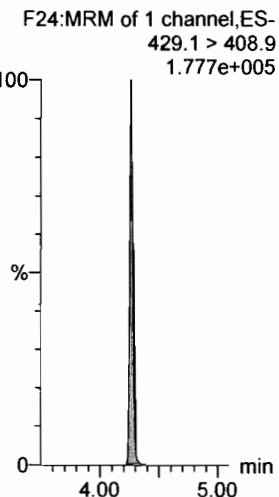
PFOSA



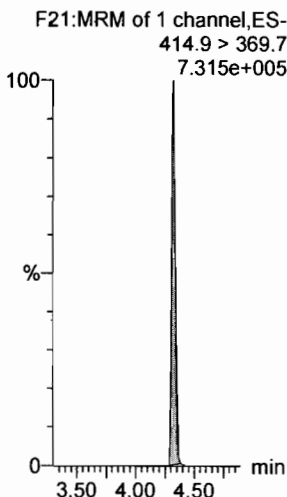
L-PFOS



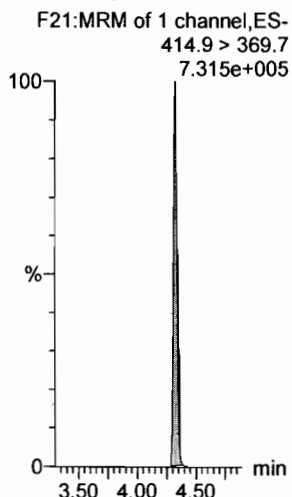
13C2-6:2 FTS



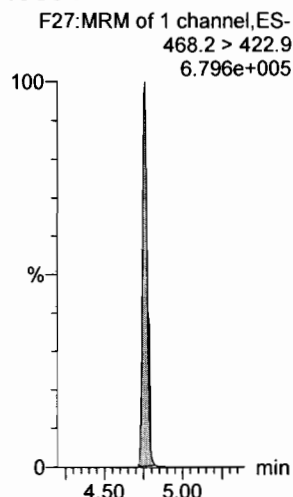
13C2-PFOA



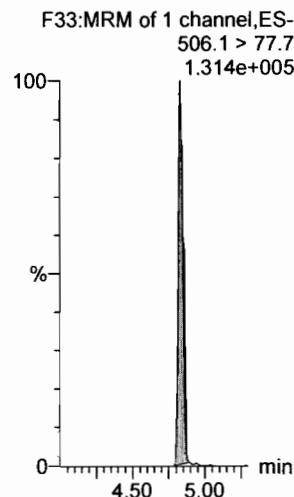
13C2-PFOA



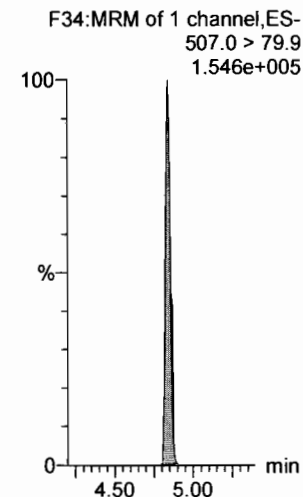
13C5-PFNA



13C8-PFOSA



13C8-PFOS



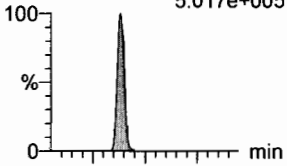
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Printed: Friday, March 09, 2018 12:51:46 Pacific Standard Time

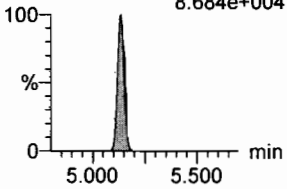
Name: 180307M2\_13, Date: 08-Mar-2018, Time: 09:48:06, ID: ICV180307M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812

**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
5.017e+005

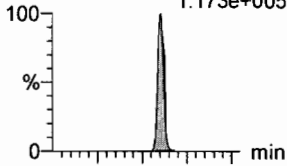


F36:MRM of 2 channels,ES-  
513 > 219  
8.684e+004

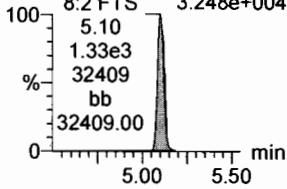


**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
1.173e+005

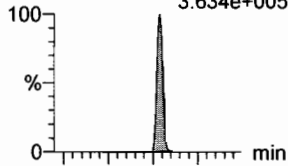


F41:MRM of 2 channels,ES-  
527 > 80  
3.248e+004

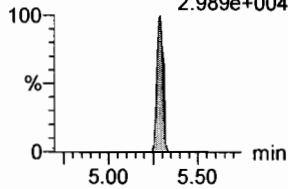


**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
3.634e+005

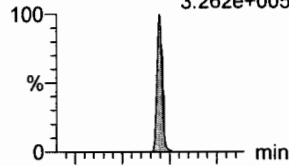


F47:MRM of 2 channels,ES-  
570.1 > 483.0  
2.989e+004

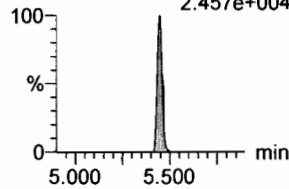


**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
3.262e+005

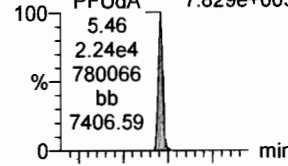


F50:MRM of 2 channels,ES-  
584.2 > 483.0  
2.457e+004

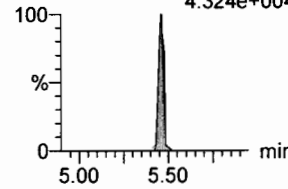


**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
7.829e+005

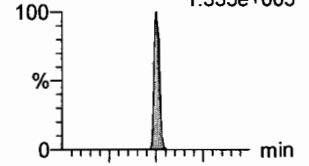


F45:MRM of 2 channels,ES-  
563.0 > 269  
4.324e+004

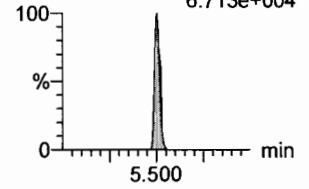


**PFDS**

F52:MRM of 2 channels,ES-  
598.8 > 80  
1.335e+005

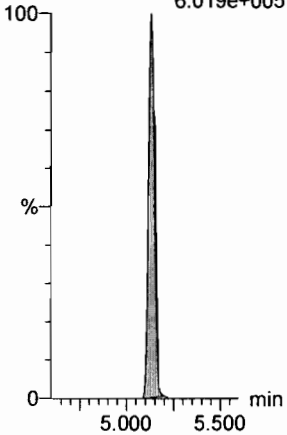


F52:MRM of 2 channels,ES-  
598.8 > 98.7  
6.713e+004



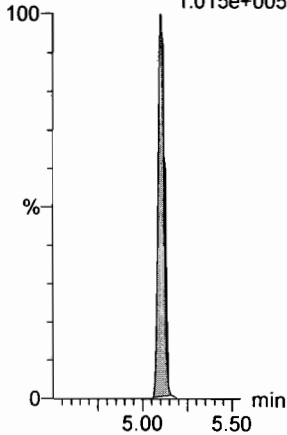
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
6.019e+005



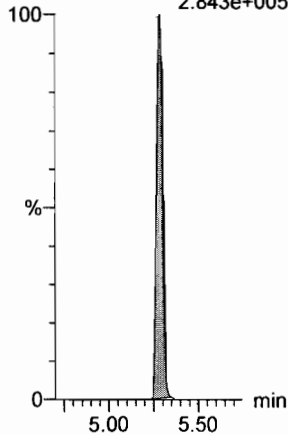
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
1.015e+005



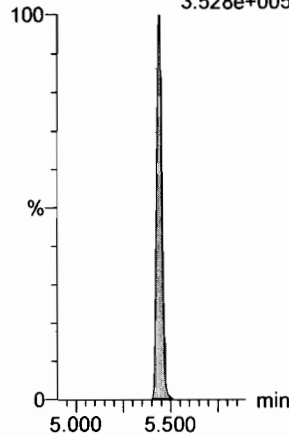
**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
2.843e+005



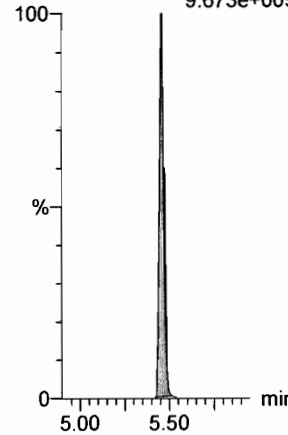
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
3.528e+005



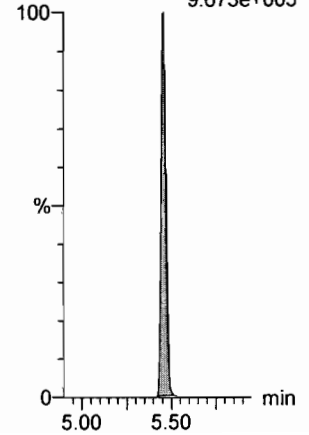
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
9.673e+005



**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
9.673e+005



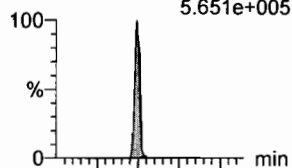
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Last Altered: Friday, March 09, 2018 12:51:42 Pacific Standard Time  
Printed: Friday, March 09, 2018 12:51:46 Pacific Standard Time

Name: 180307M2\_13, Date: 08-Mar-2018, Time: 09:48:06, ID: ICV180307M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812

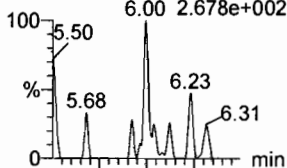
**PFDoA**

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
5.651e+005



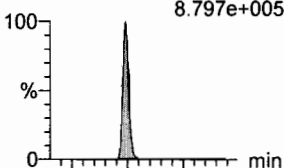
**N-MeFOSA**

F35:MRM of 2 channels,ES-  
512.1 > 168.9  
2.678e+002



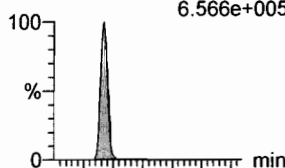
**PFTrDA**

F59:MRM of 2 channels,ES-  
662.9 > 618.9  
8.797e+005



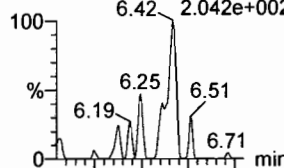
**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
6.566e+005



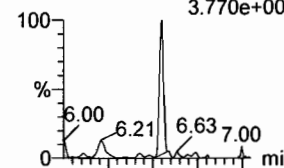
**N-EtFOSA**

F40:MRM of 2 channels,ES-  
526.1 > 168.9  
2.042e+002

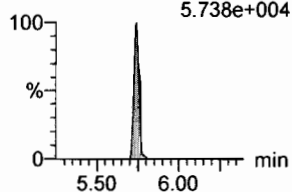


**PFHxDA**

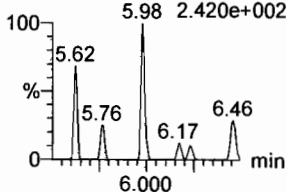
F62:MRM of 2 channels,ES-  
813.1 > 768.6  
3.770e+003



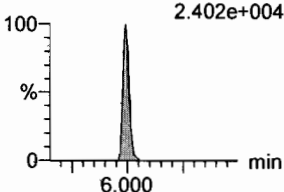
F53:MRM of 4 channels,ES-  
612.9 > 318.8  
5.738e+004



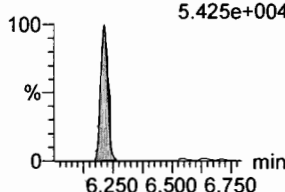
F35:MRM of 2 channels,ES-  
512.1 > 219  
2.420e+002



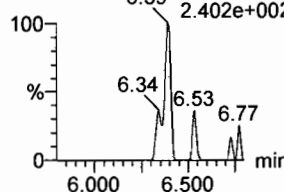
F59:MRM of 2 channels,ES-  
662.9 > 319  
2.402e+004



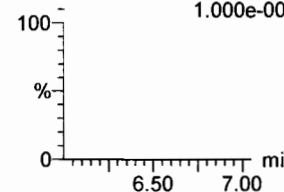
F60:MRM of 2 channels,ES-  
712.9 > 369  
5.425e+004



F40:MRM of 2 channels,ES-  
526.1 > 219  
2.402e+002

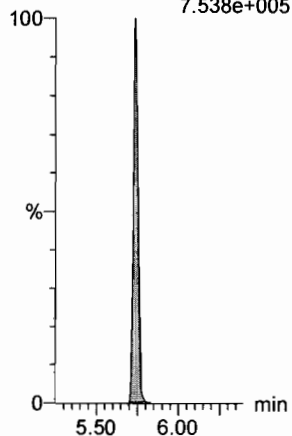


F62:MRM of 2 channels,ES-  
813.1 > 219  
1.000e-003



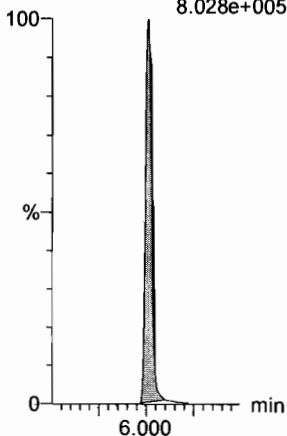
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
7.538e+005



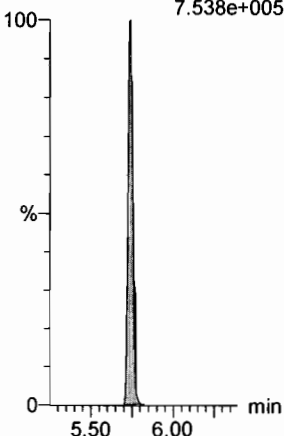
**d3-N-MeFOSA**

F38:MRM of 1 channel,ES-  
515.2 > 168.9  
8.028e+005



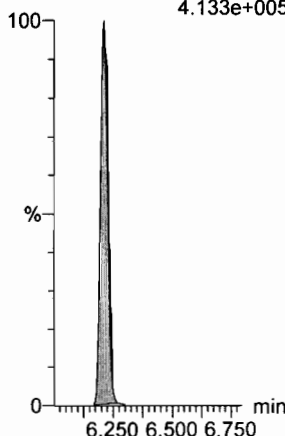
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
7.538e+005



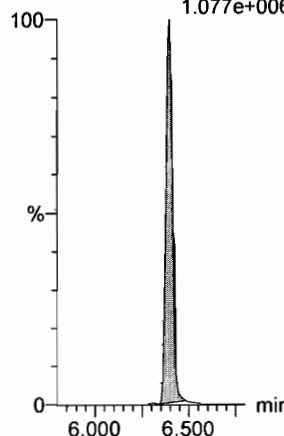
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
4.133e+005



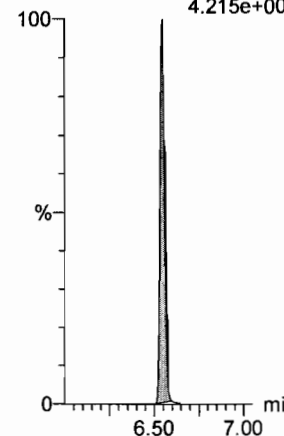
**d5-N-ETFOSA**

F43:MRM of 1 channel,ES-  
531.1 > 168.9  
1.077e+006



**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
4.215e+005



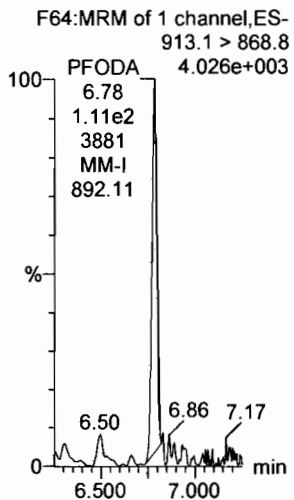
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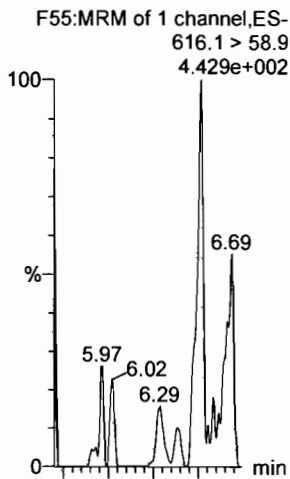
Printed: Friday, March 09, 2018 12:51:46 Pacific Standard Time

Name: 180307M2\_13, Date: 08-Mar-2018, Time: 09:48:06, ID: ICV180307M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812

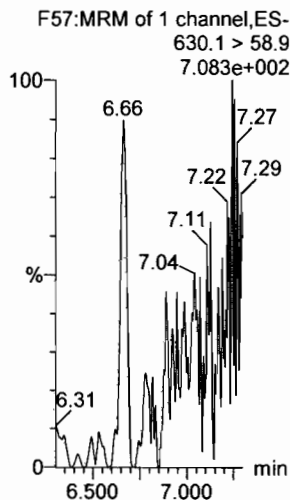
**PFODA**



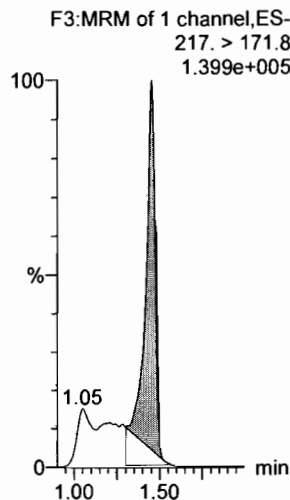
**N-MeFOSE**



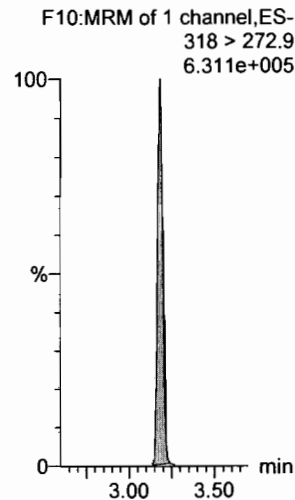
**N-EtFOSE**



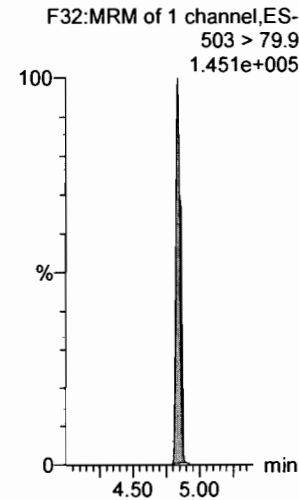
**13C4-PFBA**



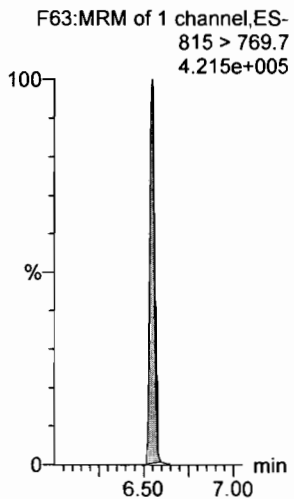
**13C5-PFHxA**



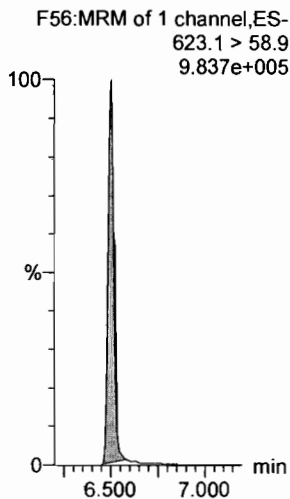
**13C4-PFOS**



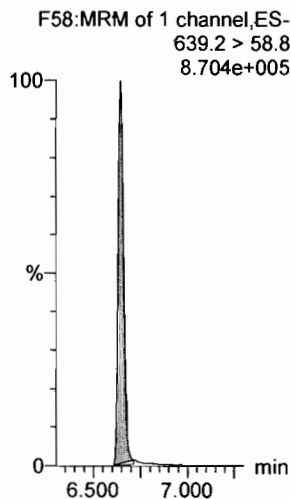
**13C2-PFHxDA**



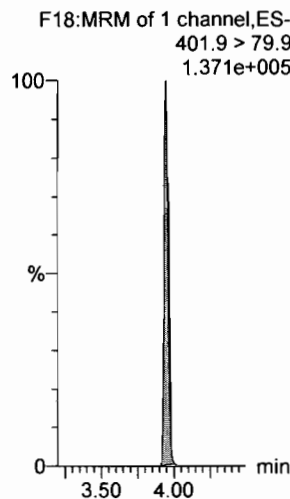
**d7-N-MeFOSE**



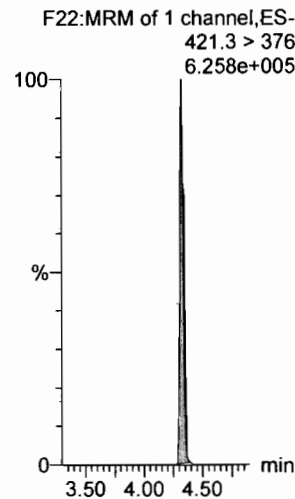
**d9-N-EtFOSE**



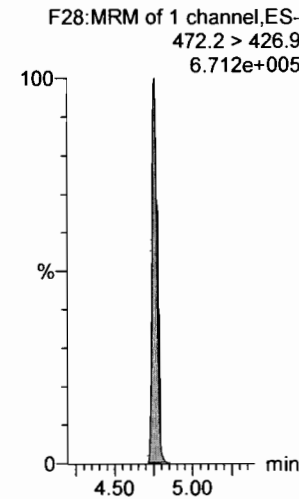
**13C3-PFHxS**



**13C8-PFOA**



**13C9-PFNA**



Dataset: F:\Projects\PFAS.PRO\Results\180307M2\180307M2-13.qld

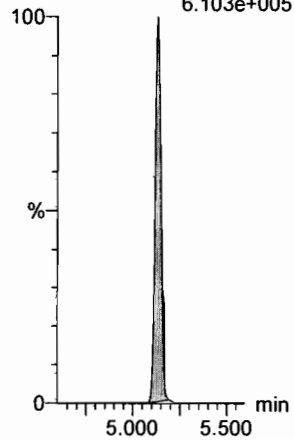
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Name: 180307M2\_13, Date: 08-Mar-2018, Time: 09:48:06, ID: ICV180307M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812

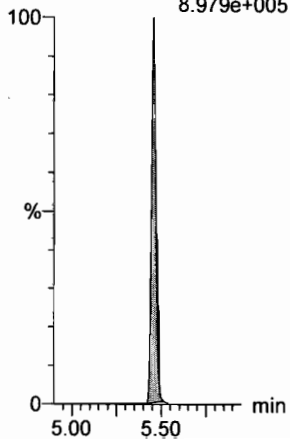
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
6.103e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
8.979e+005



Dataset: Untitled

Last Altered: Friday, March 09, 2018 10:57:42 Pacific Standard Time

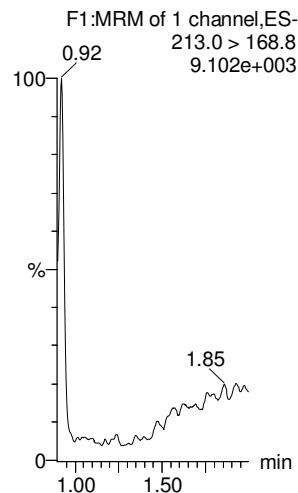
Printed: Friday, March 09, 2018 10:57:55 Pacific Standard Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_030718.mdb 08 Mar 2018 15:11:54

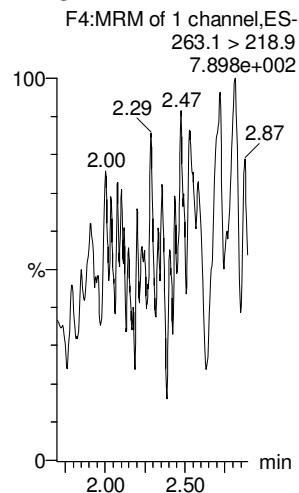
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-07-18-FULL\_FVM.cdb 09 Mar 2018 10:23:40

Name: 180307M2\_12, Date: 08-Mar-2018, Time: 09:36:36, ID: IPA, Description: IPA

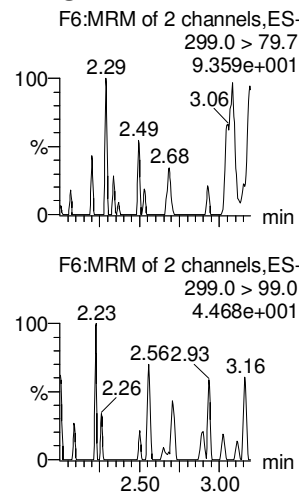
**PFBA**



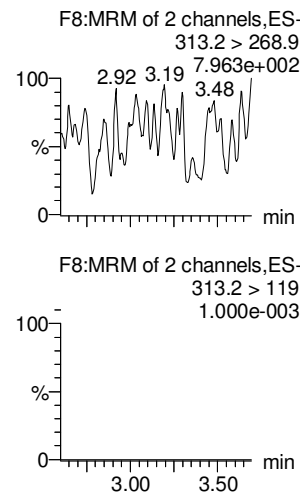
**PFPeA**



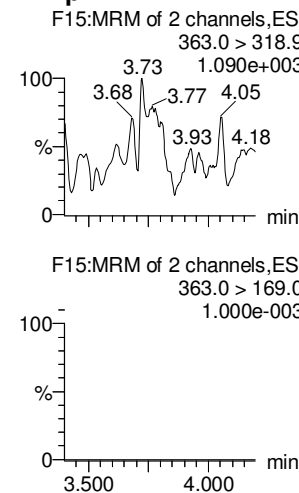
**PFBS**



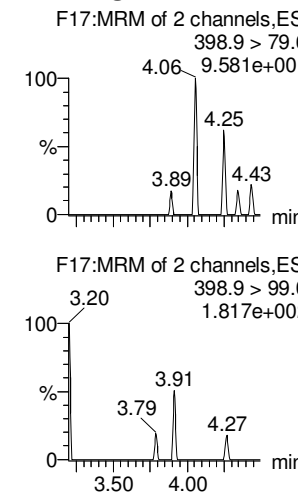
**PFHxA**



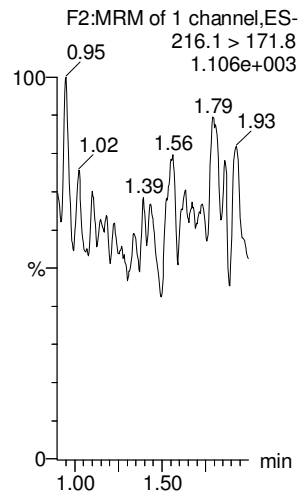
**PFHpA**



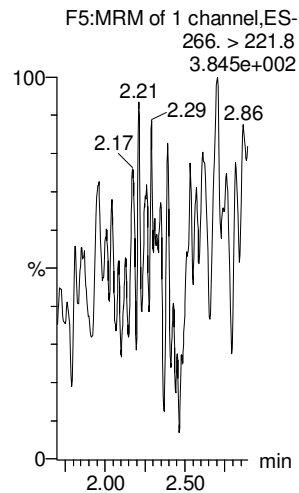
**L-PFHxS**



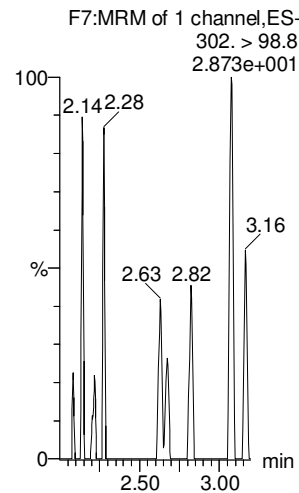
**13C3-PFBA**



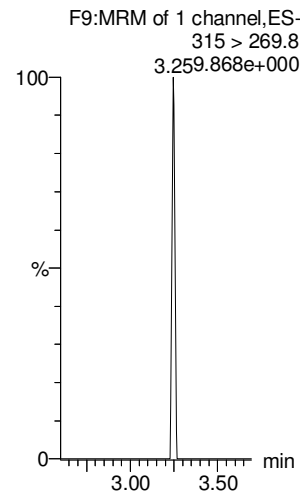
**13C3-PFPeA**



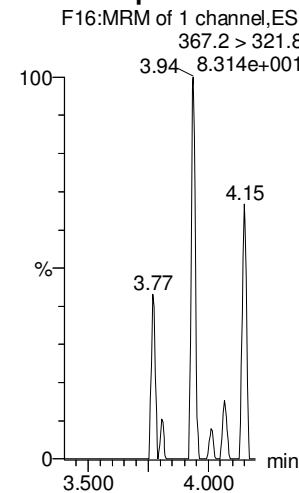
**13C3-PFBS**



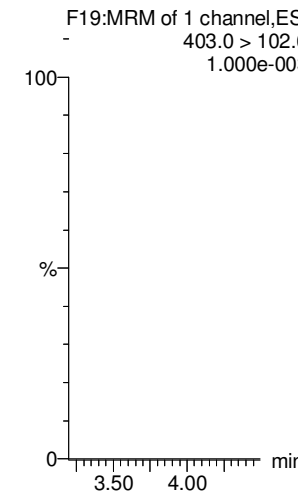
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



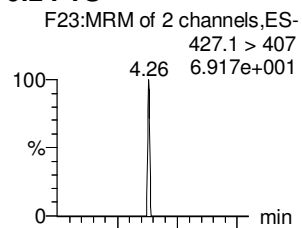
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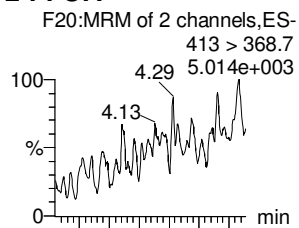
Printed: Friday, March 09, 2018 10:57:55 Pacific Standard Time

Name: 180307M2\_12, Date: 08-Mar-2018, Time: 09:36:36, ID: IPA, Description: IPA

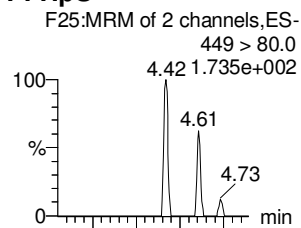
**6:2 FTS**



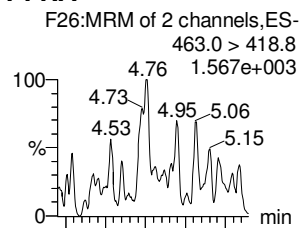
**L-PFOA**



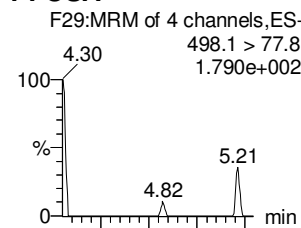
**PFHpS**



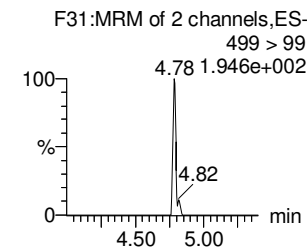
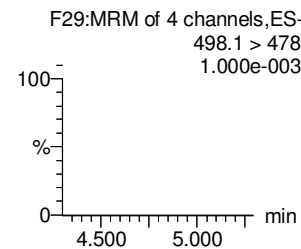
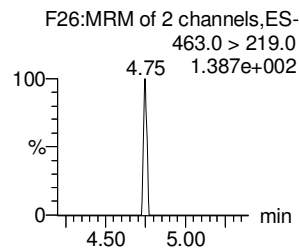
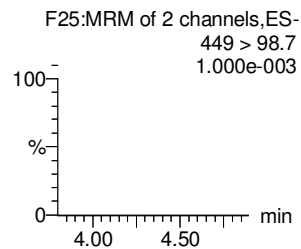
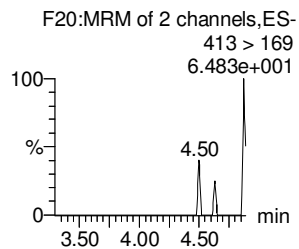
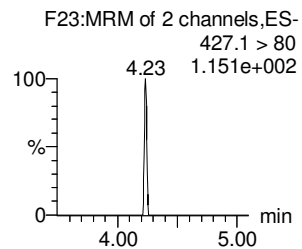
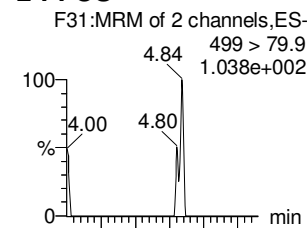
**PFNA**



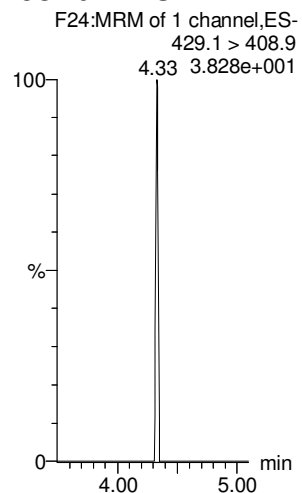
**PFOSA**



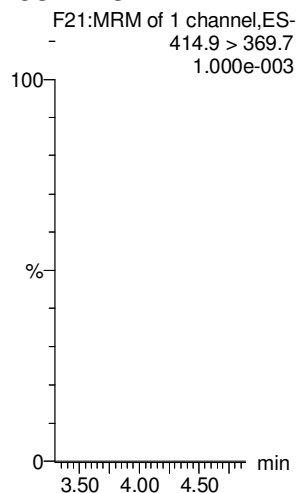
**L-PFOS**



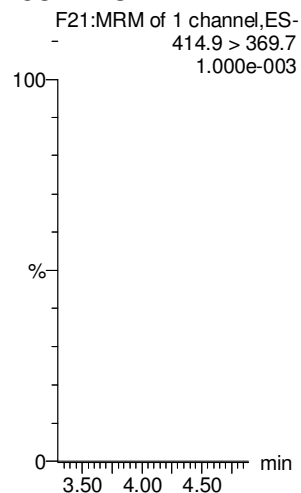
**13C2-6:2 FTS**



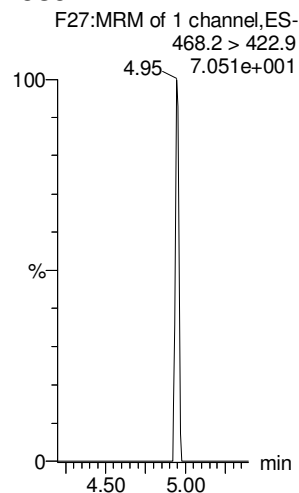
**13C2-PFOA**



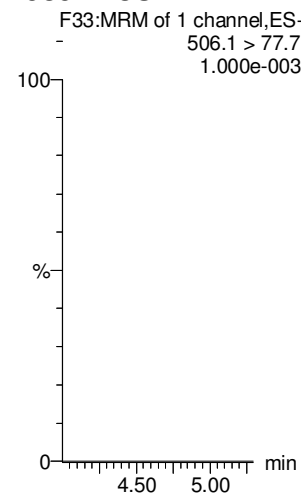
**13C2-PFOA**



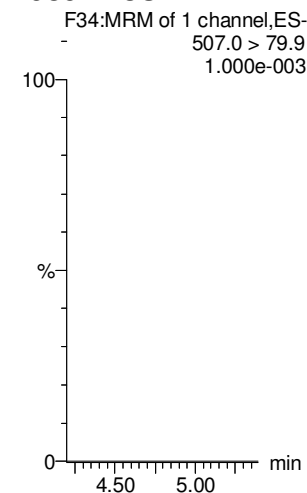
**13C5-PFNA**



**13C8-PFOSA**



**13C8-PFOS**





Dataset: Untitled

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Name: 180307M2\_12, Date: 08-Mar-2018, Time: 09:36:36, ID: IPA, Description: IPA

**PFDA**

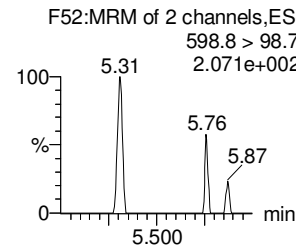
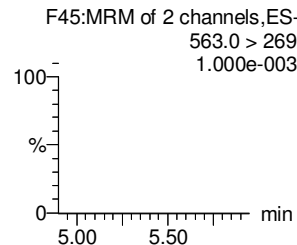
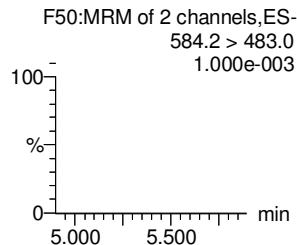
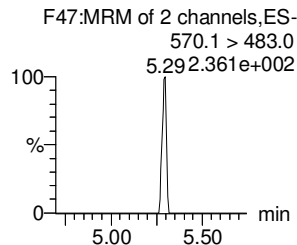
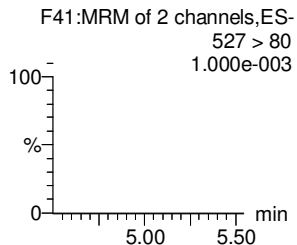
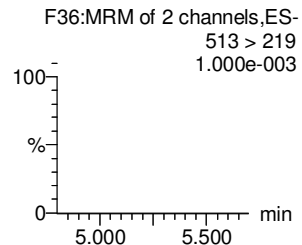
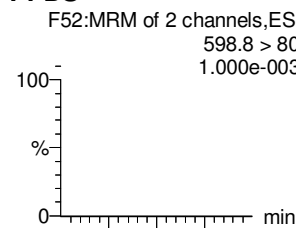
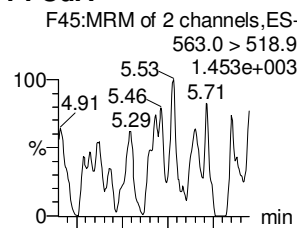
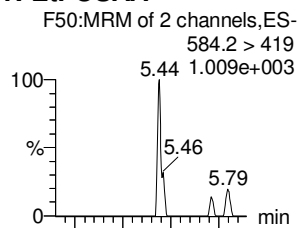
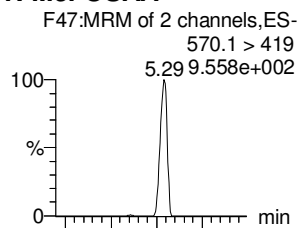
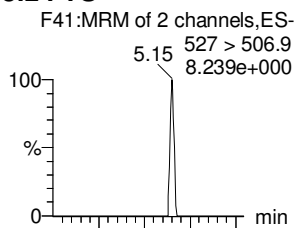
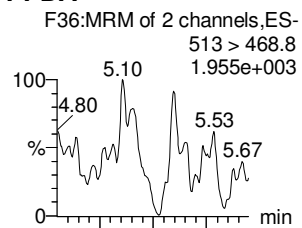
**8:2 FTS**

**N-MeFOSAA**

**N-EtFOSAA**

**PFUdA**

**PFDS**



**13C2-PFDA**

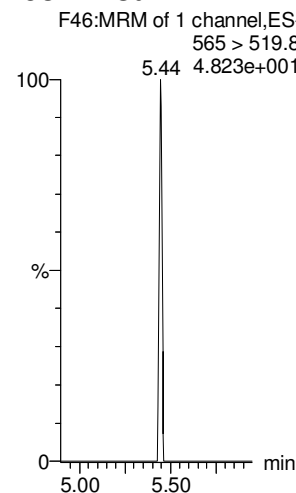
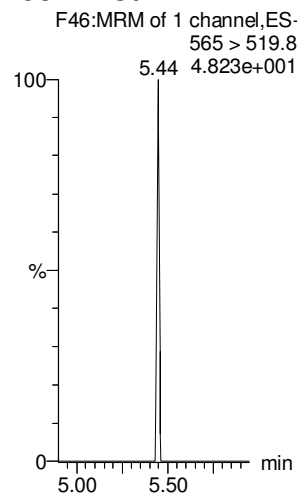
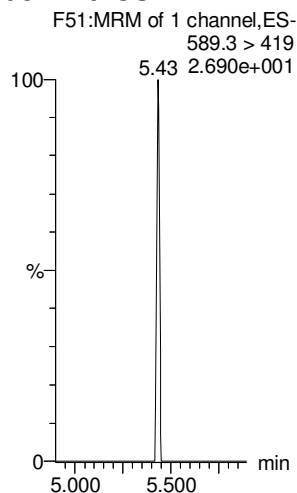
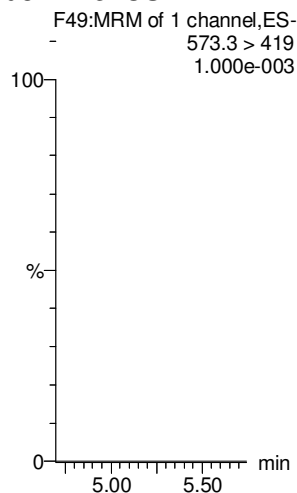
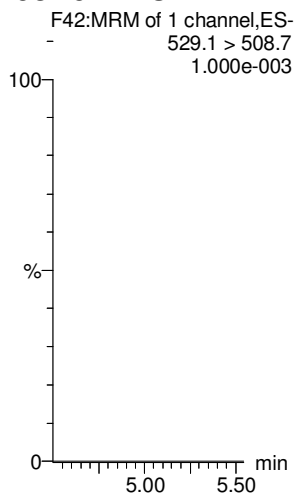
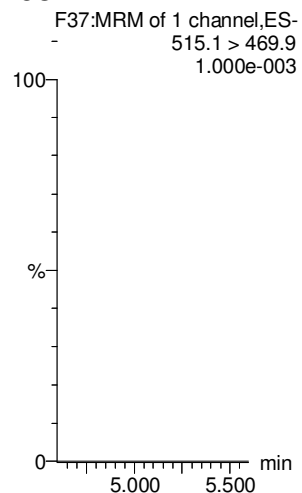
**13C2-8:2 FTS**

**d3-N-MeFOSAA**

**d5-N-EtFOSAA**

**13C2-PFUdA**

**13C2-PFUdA**



Dataset: Untitled

Last Altered: Friday, March 09, 2018 10:57:42 Pacific Standard Time

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Name: 180307M2\_12, Date: 08-Mar-2018, Time: 09:36:36, ID: IPA, Description: IPA

**PFD<sub>o</sub>A**

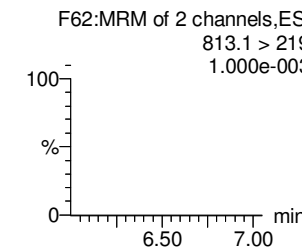
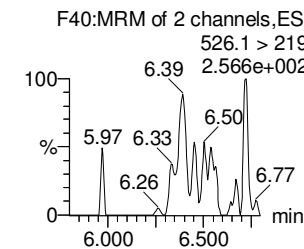
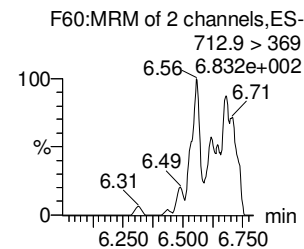
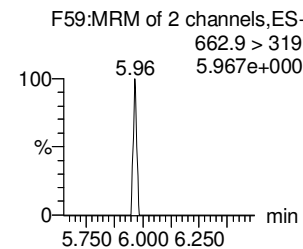
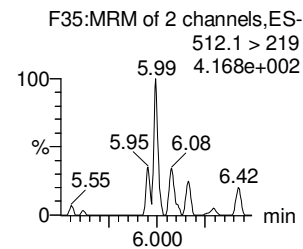
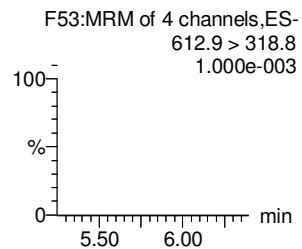
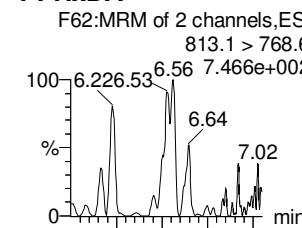
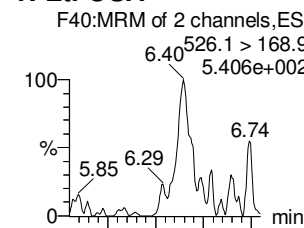
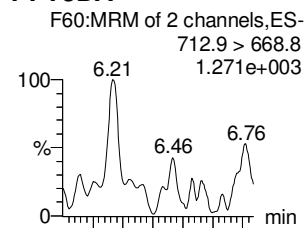
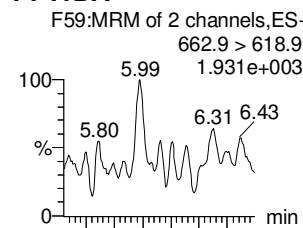
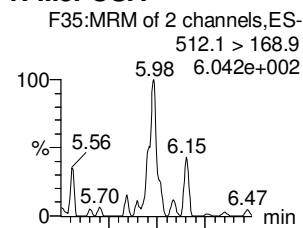
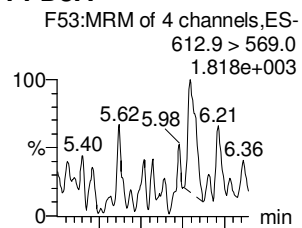
**N-MeFOSA**

**PFT<sub>r</sub>DA**

**PFT<sub>e</sub>DA**

**N-EtFOSA**

**PFH<sub>x</sub>DA**



**13C2-PFD<sub>o</sub>A**

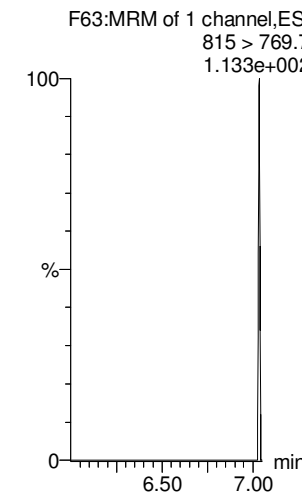
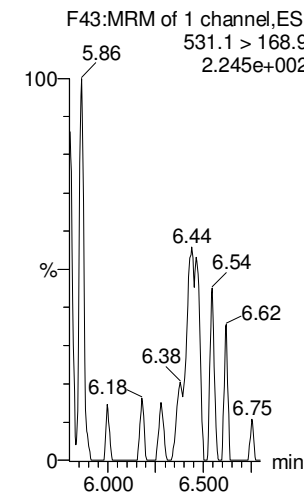
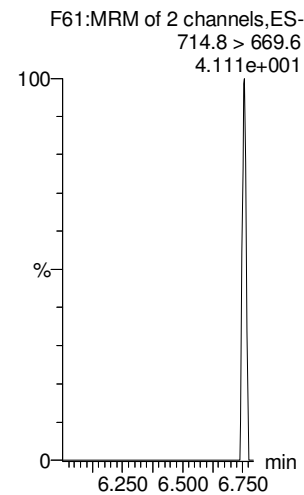
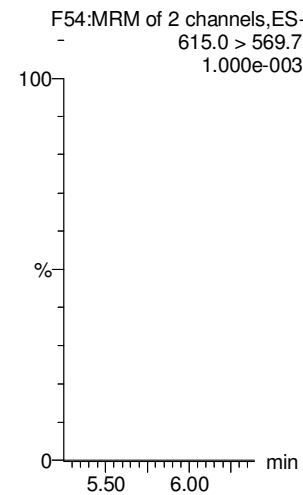
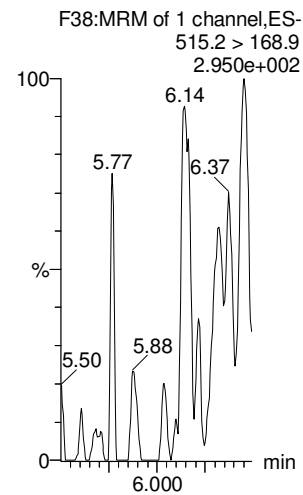
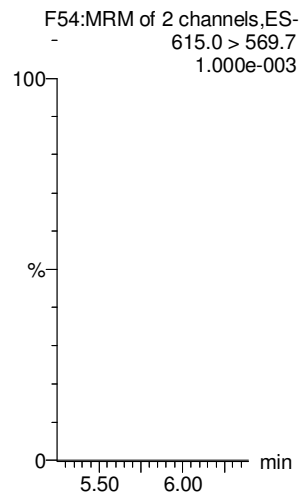
**d3-N-MeFOSA**

**13C2-PFD<sub>o</sub>A**

**13C2-PFT<sub>e</sub>DA**

**d5-N-ETFOSA**

**13C2-PFH<sub>x</sub>DA**



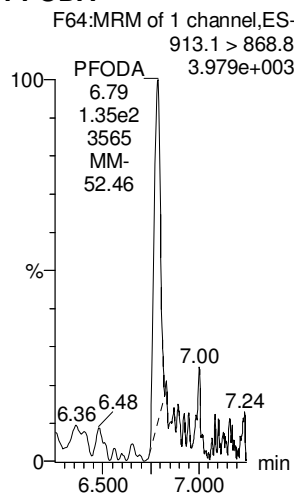
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Last Altered: Friday, March 09, 2018 10:57:42 Pacific Standard Time

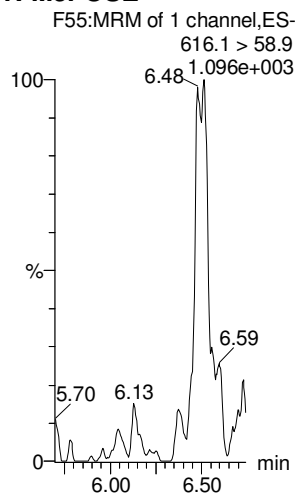
Printed: Friday, March 09, 2018 10:57:55 Pacific Standard Time

Name: 180307M2\_12, Date: 08-Mar-2018, Time: 09:36:36, ID: IPA, Description: IPA

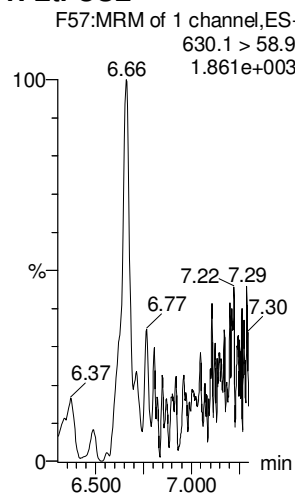
**PFODA**



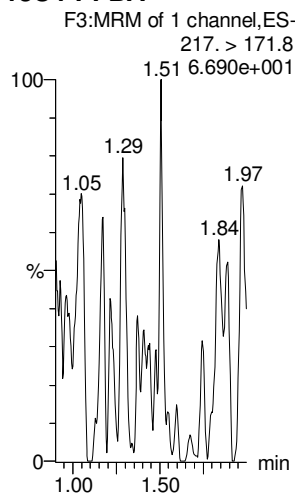
**N-MeFOSE**



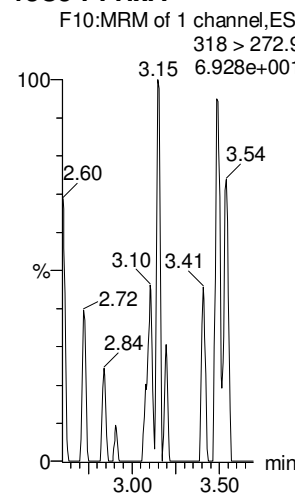
**N-EtFOSE**



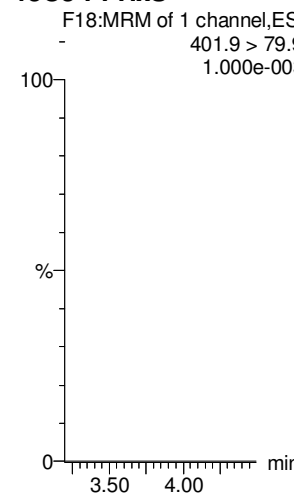
**13C4-PFBA**



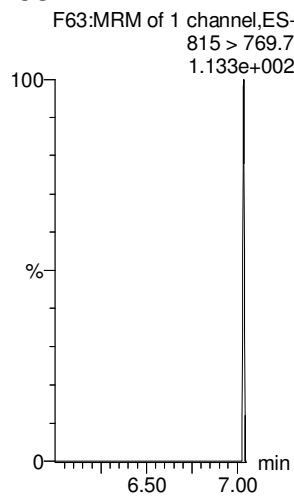
**13C5-PFHxA**



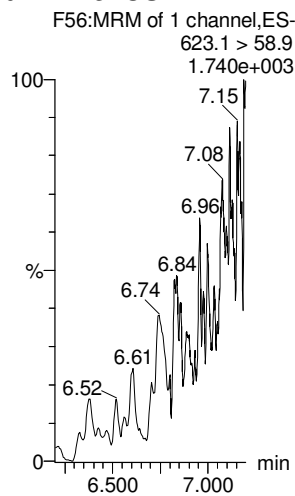
**13C3-PFHxS**



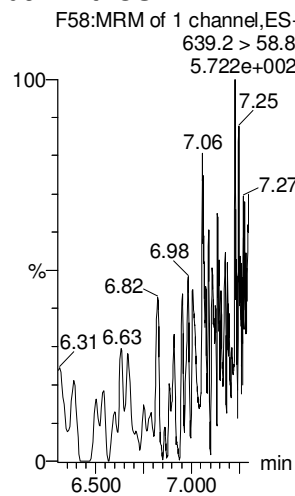
**13C2-PFHxDA**



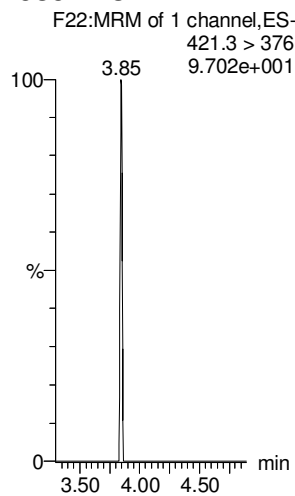
**d7-N-MeFOSE**



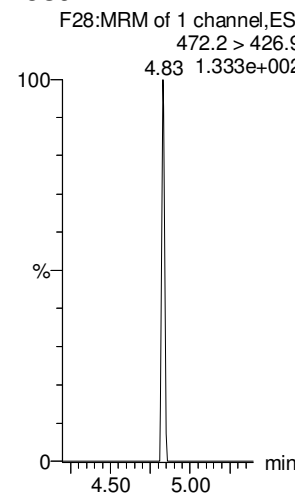
**d9-N-EtFOSE**



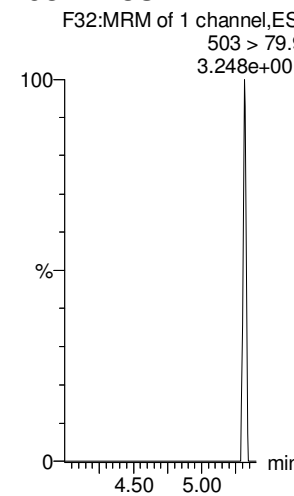
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**



Dataset: Untitled

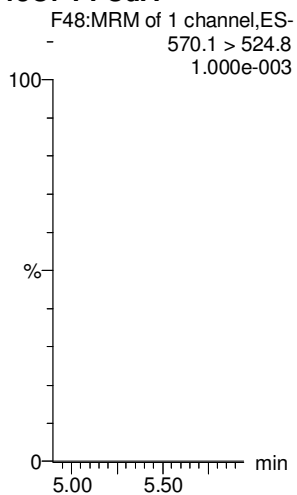
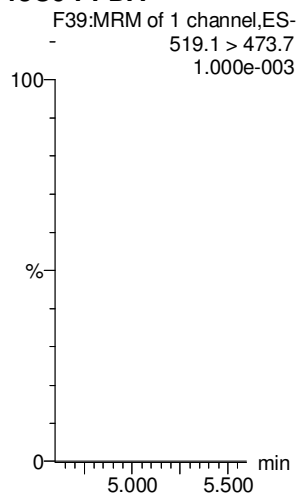
Last Altered: Friday, March 09, 2018 10:57:42 Pacific Standard Time

Printed: Friday, March 09, 2018 10:57:55 Pacific Standard Time

Name: 180307M2\_12, Date: 08-Mar-2018, Time: 09:36:36, ID: IPA, Description: IPA

13C6-PFDA

13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time  
 Printed: Tuesday, March 13, 2018 15:35:55 Pacific Daylight Time

*low pt*  
*PFPeS = 0.5*

*high pt*  
*0.2 = 106*  
*0.2 ↓*  
*PFTrDA = 250*  
*PPHPS ↓*

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26  
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 15:31:22

*✓ KBF 3/13/18*

**Compound name: PFBA**

Correlation coefficient:  $r = 0.999640$ ,  $r^2 = 0.999279$   
 Calibration curve:  $1.13184 * x + -0.0215098$   
 Response type: Internal Std ( Ref 34 ), Area \* ( IS Conc. / IS Area )  
 Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

*QM*  
*3/13/18*

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180312M1_2	Standard	0.250	1.35	117.578	5608.813	0.262	0.3	0.2	NO	0.999	NO	MM
2	2 180312M1_3	Standard	0.500	1.35	225.632	5682.847	0.496	0.5	-8.5	NO	0.999	NO	MM
3	3 180312M1_4	Standard	1.000	1.35	479.507	5947.332	1.008	0.9	-9.1	NO	0.999	NO	bb
4	4 180312M1_5	Standard	2.000	1.35	1114.779	5894.939	2.364	2.1	5.4	NO	0.999	NO	bb
5	5 180312M1_6	Standard	5.000	1.35	2419.042	5613.899	5.386	4.8	-4.4	NO	0.999	NO	bb
6	6 180312M1_7	Standard	10.000	1.35	5434.006	5731.077	11.852	10.5	4.9	NO	0.999	NO	bb
7	7 180312M1_8	Standard	50.000	1.36	27596.320	6122.591	56.341	49.8	-0.4	NO	0.999	NO	bb
8	8 180312M1_9	Standard	100.000	1.35	53277.980	5508.229	120.905	106.8	6.8	NO	0.999	NO	bb
9	9 180312M1_10	Standard	250.000	1.35	131845.531	5961.823	276.437	244.3	-2.3	NO	0.999	NO	bb
10	10 180312M1_11	Standard	500.000	1.35	255576.984	5658.257	564.611	498.9	-0.2	NO	0.999	NO	bb

**Compound name: PFPeA**

Correlation coefficient:  $r = 0.999734$ ,  $r^2 = 0.999469$   
 Calibration curve:  $0.987868 * x + -0.0127029$   
 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 180312M1_2	Standard	0.250	2.32	293.200	14784.100	0.248	0.3	5.5	NO	0.999	NO	MM
2	2 180312M1_3	Standard	0.500	2.33	530.213	15132.301	0.438	0.5	-8.8	NO	0.999	NO	MM
3	3 180312M1_4	Standard	1.000	2.32	1166.286	15561.742	0.937	1.0	-3.9	NO	0.999	NO	MM
4	4 180312M1_5	Standard	2.000	2.32	2460.231	15028.605	2.046	2.1	4.2	NO	0.999	NO	MM
5	5 180312M1_6	Standard	5.000	2.32	6027.185	16202.237	4.650	4.7	-5.6	NO	0.999	NO	MM
6	6 180312M1_7	Standard	10.000	2.32	12060.227	14724.027	10.239	10.4	3.8	NO	0.999	NO	MM
7	7 180312M1_8	Standard	50.000	2.33	62115.570	15210.253	51.047	51.7	3.4	NO	0.999	NO	bb
8	8 180312M1_9	Standard	100.000	2.33	124428.078	15140.861	102.725	104.0	4.0	NO	0.999	NO	bb
9	9 180312M1_10	Standard	250.000	2.33	272566.844	14218.029	239.631	242.6	-3.0	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:35:55 Pacific Daylight Time

**Compound name: PFPeA**

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
10	10 180312M1_11	Standard	500.000	2.32	535438.250	13507.111	495.515	501.6	0.3	NO	0.999	NO	MM

**Compound name: PFBS**

Coefficient of Determination: R<sup>2</sup> = 0.999365

Calibration curve: -0.000122185 \* x<sup>2</sup> + 1.86475 \* x + -0.0195152

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 180312M1_2	Standard	0.250	2.60	61.903	1820.263	0.425	0.2	-4.6	NO	0.999	NO	MM
2	2 180312M1_3	Standard	0.500	2.60	135.132	1746.106	0.967	0.5	5.9	NO	0.999	NO	MM
3	3 180312M1_4	Standard	1.000	2.60	271.743	1762.504	1.927	1.0	4.4	NO	0.999	NO	MM
4	4 180312M1_5	Standard	2.000	2.60	559.683	1823.360	3.837	2.1	3.4	NO	0.999	NO	bb
5	5 180312M1_6	Standard	5.000	2.60	1355.047	1972.708	8.586	4.6	-7.7	NO	0.999	NO	bb
6	6 180312M1_7	Standard	10.000	2.61	2769.795	1827.586	18.944	10.2	1.8	NO	0.999	NO	bb
7	7 180312M1_8	Standard	50.000	2.61	13817.886	1887.934	91.488	49.2	-1.5	NO	0.999	NO	bb
8	8 180312M1_9	Standard	100.000	2.60	25998.604	1834.681	177.133	95.6	-4.4	NO	0.999	NO	bb
9	9 180312M1_10	Standard	250.000	2.60	63272.281	1667.361	474.344	258.8	3.5	NO	0.999	NO	bb
10	10 180312M1_11	Standard	500.000	2.60	113679.125	1586.518	895.665	496.5	-0.7	NO	0.999	NO	bb

**Compound name: 4:2 FTS**

Coefficient of Determination: R<sup>2</sup> = 0.999323

Calibration curve: -0.000469649 \* x<sup>2</sup> + 2.21307 \* x + 0.0625565

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 180312M1_2	Standard	0.250	3.00	71.767	1820.263	0.493	0.2	-22.2	NO	0.999	NO	bb
2	2 180312M1_3	Standard	0.500	3.00	199.474	1746.106	1.428	0.6	23.4	NO	0.999	NO	bb
3	3 180312M1_4	Standard	1.000	3.00	330.138	1762.504	2.341	1.0	3.0	NO	0.999	NO	bb
4	4 180312M1_5	Standard	2.000	3.00	658.780	1823.360	4.516	2.0	0.7	NO	0.999	NO	bb
5	5 180312M1_6	Standard	5.000	3.00	1711.381	1972.708	10.844	4.9	-2.5	NO	0.999	NO	bb
6	6 180312M1_7	Standard	10.000	3.00	3193.365	1827.586	21.841	9.9	-1.4	NO	0.999	NO	bb
7	7 180312M1_8	Standard	50.000	3.00	15688.812	1887.934	103.876	47.4	-5.2	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:35:55 Pacific Daylight Time

**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 180312M1_9	Standard	100.000	3.00	33553.945	1834.681	228.609	105.6	5.6	NO	0.999	NO	bb
9	9 180312M1_10	Standard	250.000	3.00	68795.563	1667.361	515.752	245.8	-1.7	NO	0.999	NO	bb
10	10 180312M1_11	Standard	500.000	3.00	125840.641	1586.518	991.485	501.3	0.3	NO	0.999	NO	bb

**Compound name: PFHxA**

Coefficient of Determination: R<sup>2</sup> = 0.999902

Calibration curve: 3.07438e-005 \* x<sup>2</sup> + 1.45761 \* x + 0.0155492

Response type: Internal Std ( Ref 37 ), 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 180312M1_2	Standard	0.250	3.09	354.429	4881.925	0.363	0.2	-4.7	NO	1.000	NO	bb
2	2 180312M1_3	Standard	0.500	3.09	801.621	5263.246	0.762	0.5	2.4	NO	1.000	NO	bb
3	3 180312M1_4	Standard	1.000	3.09	1659.364	5658.176	1.466	1.0	-0.5	NO	1.000	NO	bb
4	4 180312M1_5	Standard	2.000	3.09	3073.914	5066.554	3.034	2.1	3.5	NO	1.000	NO	bb
5	5 180312M1_6	Standard	5.000	3.09	7506.839	5194.834	7.225	4.9	-1.1	NO	1.000	NO	bb
6	6 180312M1_7	Standard	10.000	3.09	15733.237	5134.691	15.321	10.5	5.0	NO	1.000	NO	bb
7	7 180312M1_8	Standard	50.000	3.09	79218.508	5493.567	72.101	49.4	-1.2	NO	1.000	NO	bb
8	8 180312M1_9	Standard	100.000	3.09	157101.547	5291.060	148.459	101.6	1.6	NO	1.000	NO	bb
9	9 180312M1_10	Standard	250.000	3.09	340776.375	4698.397	362.652	247.5	-1.0	NO	1.000	NO	bb
10	10 180312M1_11	Standard	500.000	3.09	619918.938	4200.280	737.950	501.0	0.2	NO	1.000	NO	bb

**Compound name: PFPeS**

Correlation coefficient: r = 0.999556, r<sup>2</sup> = 0.999113

Calibration curve: 1.63778 \* x + 0.343022

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 180312M1_2	Standard	0.250	3.30	51.540	1820.263	0.354	0.0	-97.3	YES	0.999	NO	MMX
2	2 180312M1_3	Standard	0.500	3.29	140.275	1746.106	1.004	0.4	-19.3	NO	0.999	NO	bb
3	3 180312M1_4	Standard	1.000	3.29	270.631	1762.504	1.919	1.0	-3.8	NO	0.999	NO	bb
4	4 180312M1_5	Standard	2.000	3.29	554.109	1823.360	3.799	2.1	5.5	NO	0.999	NO	bb
5	5 180312M1_6	Standard	5.000	3.29	1422.202	1972.708	9.012	5.3	5.9	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time  
 Printed: Tuesday, March 13, 2018 15:35:55 Pacific Daylight Time

**Compound name: PFPeS**

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
6	6 180312M1_7	Standard	10.000	3.29	2482.004	1827.586	16.976	10.2	1.6	NO	0.999	NO	bb
7	7 180312M1_8	Standard	50.000	3.30	13136.115	1887.934	86.974	52.9	5.8	NO	0.999	NO	bb
8	8 180312M1_9	Standard	100.000	3.29	25467.496	1834.681	173.514	105.7	5.7	NO	0.999	NO	bb
9	9 180312M1_10	Standard	250.000	3.29	55076.715	1667.361	412.903	251.9	0.8	NO	0.999	NO	bb
10	10 180312M1_11	Standard	500.000	3.29	101700.531	1586.518	801.287	489.0	-2.2	NO	0.999	NO	bb

**Compound name: PFHpA**

Correlation coefficient:  $r = 0.999200$ ,  $r^2 = 0.998400$

Calibration curve:  $1.26316 * x + 0.0228836$

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 180312M1_2	Standard	0.250	3.71	318.156	13345.338	0.298	0.2	-12.9	NO	0.998	NO	bb
2	2 180312M1_3	Standard	0.500	3.71	671.920	13083.980	0.642	0.5	-2.0	NO	0.998	NO	bb
3	3 180312M1_4	Standard	1.000	3.71	1432.575	12922.812	1.386	1.1	7.9	NO	0.998	NO	bb
4	4 180312M1_5	Standard	2.000	3.71	2532.359	12789.256	2.475	1.9	-2.9	NO	0.998	NO	bb
5	5 180312M1_6	Standard	5.000	3.71	6724.119	13480.104	6.235	4.9	-1.6	NO	0.998	NO	bb
6	6 180312M1_7	Standard	10.000	3.71	13302.550	12754.749	13.037	10.3	3.0	NO	0.998	NO	bb
7	7 180312M1_8	Standard	50.000	3.71	66446.391	12532.634	66.273	52.4	4.9	NO	0.998	NO	bb
8	8 180312M1_9	Standard	100.000	3.71	131643.375	12027.526	136.815	108.3	8.3	NO	0.998	NO	bb
9	9 180312M1_10	Standard	250.000	3.71	299857.125	12488.820	300.126	237.6	-5.0	NO	0.998	NO	bb
10	10 180312M1_11	Standard	500.000	3.71	532769.750	10512.930	633.470	501.5	0.3	NO	0.998	NO	bb



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:35:55 Pacific Daylight Time

**Compound name: L-PFHxS**

Correlation coefficient:  $r = 0.999692$ ,  $r^2 = 0.999384$

Calibration curve:  $1.80911 * x + -0.0559422$

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	180312M1_2	Standard	0.250	3.85	38.844	1451.761	0.334	0.2	-13.7	NO	0.999	NO	MM
2	180312M1_3	Standard	0.500	3.85	109.289	1382.782	0.988	0.6	15.4	NO	0.999	NO	MM
3	180312M1_4	Standard	1.000	3.85	198.306	1392.197	1.781	1.0	1.5	NO	0.999	NO	MM
4	180312M1_5	Standard	2.000	3.85	403.824	1377.576	3.664	2.1	2.8	NO	0.999	NO	MM
5	180312M1_6	Standard	5.000	3.85	951.444	1528.409	7.781	4.3	-13.4	NO	0.999	NO	MM
6	180312M1_7	Standard	10.000	3.86	2165.370	1344.339	20.134	11.2	11.6	NO	0.999	NO	MM
7	180312M1_8	Standard	50.000	3.86	9802.562	1455.374	84.193	46.6	-6.9	NO	0.999	NO	MM
8	180312M1_9	Standard	100.000	3.85	20391.414	1386.110	183.891	101.7	1.7	NO	0.999	NO	MM
9	180312M1_10	Standard	250.000	3.86	46586.004	1270.994	458.165	253.3	1.3	NO	0.999	NO	MM
10	180312M1_11	Standard	500.000	3.85	86107.242	1195.101	900.627	497.9	-0.4	NO	0.999	NO	MM

**Compound name: 6:2 FTS**

Coefficient of Determination:  $R^2 = 0.996091$

Calibration curve:  $-0.000832947 * x^2 + 0.940073 * x + 0.0636481$

Response type: Internal Std ( Ref 40 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180312M1_2	Standard	0.250	4.18	86.130	3856.612	0.279	0.2	-8.3	NO	0.996	NO	bb
2	180312M1_3	Standard	0.500	4.18	159.327	4095.374	0.486	0.4	-10.0	NO	0.996	NO	bb
3	180312M1_4	Standard	1.000	4.17	434.722	4644.226	1.170	1.2	17.8	NO	0.996	NO	bb
4	180312M1_5	Standard	2.000	4.17	804.814	4221.994	2.383	2.5	23.6	NO	0.996	NO	bb
5	180312M1_6	Standard	5.000	4.17	1780.358	4897.085	4.544	4.8	-4.3	NO	0.996	NO	bb
6	180312M1_7	Standard	10.000	4.17	3537.769	4168.009	10.610	11.3	13.3	NO	0.996	NO	bb
7	180312M1_8	Standard	50.000	4.17	16437.949	4882.314	42.085	46.6	-6.7	NO	0.996	NO	bb
8	180312M1_9	Standard	100.000	4.17	36821.230	5286.269	87.068	101.7	1.7	NO	0.996	NO	bb
9	180312M1_10	Standard	250.000	4.17	78940.375	7687.701	128.355	158.8	-36.5	YES	0.996	NO	bbX
10	180312M1_11	Standard	500.000	4.17	137544.875	9649.628	178.174	240.9	-51.8	YES	0.996	NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 16:12:03 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 16:12:48 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

**Compound name: L-PFOA**

Coefficient of Determination:  $R^2 = 0.997213$

Calibration curve:  $6.24087e-005 * x^2 + 0.91254 * x + 0.107709$

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 180312M1_2	Standard	0.250	4.23	385.525	16185.938	0.298	0.2	-16.7	NO	0.997	NO	bb
2	2 180312M1_3	Standard	0.500	4.22	814.318	19419.074	0.524	0.5	-8.7	NO	0.997	NO	bb
3	3 180312M1_4	Standard	1.000	4.23	1482.954	18952.361	0.978	1.0	-4.6	NO	0.997	NO	bb
4	4 180312M1_5	Standard	2.000	4.23	3180.214	19464.084	2.042	2.1	6.0	NO	0.997	NO	bb
5	5 180312M1_6	Standard	5.000	4.23	7314.063	19091.439	4.789	5.1	2.6	NO	0.997	NO	bb
6	6 180312M1_7	Standard	10.000	4.23	15048.554	18262.439	10.300	11.2	11.6	NO	0.997	NO	bb
7	7 180312M1_8	Standard	50.000	4.23	74351.234	18000.988	51.630	56.2	12.5	NO	0.997	NO	bb
8	8 180312M1_9	Standard	100.000	4.23	140422.344	18475.893	95.004	103.3	3.3	NO	0.997	NO	bb
9	9 180312M1_10	Standard	250.000	4.23	301294.156	17541.947	214.695	231.5	-7.4	NO	0.997	NO	bb
10	10 180312M1_11	Standard	500.000	4.23	595885.500	15533.917	479.504	507.7	1.5	NO	0.997	NO	bb

**Compound name: PFHpS**

Coefficient of Determination:  $R^2 = 0.998480$

Calibration curve:  $-8.04551e-005 * x^2 + 0.195384 * x + -0.0014627$

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 180312M1_2	Standard	0.250	4.34	61.974	16185.938	0.048	0.3	1.0	NO	0.998	NO	bb
2	2 180312M1_3	Standard	0.500	4.34	126.310	19419.074	0.081	0.4	-15.3	NO	0.998	NO	bb
3	3 180312M1_4	Standard	1.000	4.34	332.107	18952.361	0.219	1.1	12.9	NO	0.998	NO	bb
4	4 180312M1_5	Standard	2.000	4.34	592.150	19464.084	0.380	2.0	-2.2	NO	0.998	NO	bb
5	5 180312M1_6	Standard	5.000	4.34	1400.676	19091.439	0.917	4.7	-5.8	NO	0.998	NO	bb
6	6 180312M1_7	Standard	10.000	4.34	3056.371	18262.439	2.092	10.8	7.6	NO	0.998	NO	bb
7	7 180312M1_8	Standard	50.000	4.34	14639.294	18000.988	10.166	53.2	6.4	NO	0.998	NO	bb
8	8 180312M1_9	Standard	100.000	4.34	26288.980	18475.893	17.786	94.7	-5.3	NO	0.998	NO	bb
9	9 180312M1_10	Standard	250.000	4.34	61845.859	17541.947	44.070	251.6	0.7	NO	0.998	NO	bb
10	10 180312M1_11	Standard	500.000	4.34	119830.609	15533.917	96.427	689.0	37.8	YES	0.998	NO	bbX

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**Compound name: PFNA**

Coefficient of Determination:  $R^2 = 0.997055$

Calibration curve:  $0.00031919 * x^2 + 1.05375 * x + 0.0698422$

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 180312M1_2	Standard	0.250	4.67	437.300	18052.068	0.303	0.2	-11.6	NO	0.997	NO	bb
2	2 180312M1_3	Standard	0.500	4.67	673.175	15506.444	0.543	0.4	-10.3	NO	0.997	NO	bb
3	3 180312M1_4	Standard	1.000	4.67	1745.503	19208.908	1.136	1.0	1.1	NO	0.997	NO	bb
4	4 180312M1_5	Standard	2.000	4.67	2954.332	18481.357	1.998	1.8	-8.6	NO	0.997	NO	bb
5	5 180312M1_6	Standard	5.000	4.67	8228.279	17508.639	5.874	5.5	10.0	NO	0.997	NO	bb
6	6 180312M1_7	Standard	10.000	4.67	18051.021	18143.475	12.436	11.7	16.9	NO	0.997	NO	bb
7	7 180312M1_8	Standard	50.000	4.67	78681.453	18893.727	52.055	48.6	-2.8	NO	0.997	NO	bb
8	8 180312M1_9	Standard	100.000	4.67	158660.234	16453.250	120.539	110.6	10.6	NO	0.997	NO	bb
9	9 180312M1_10	Standard	250.000	4.67	340123.344	16162.340	263.052	233.1	-6.8	NO	0.997	NO	bb
10	10 180312M1_11	Standard	500.000	4.67	717626.750	14593.613	614.675	505.8	1.2	NO	0.997	NO	bb

**Compound name: PFOSA**

Correlation coefficient:  $r = 0.999106$ ,  $r^2 = 0.998213$

Calibration curve:  $0.980222 * x + 0.0445498$

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 180312M1_2	Standard	0.250	4.75	63.700	3444.948	0.231	0.2	-23.9	NO	0.998	NO	bb
2	2 180312M1_3	Standard	0.500	4.74	147.854	3380.128	0.547	0.5	2.5	NO	0.998	NO	bb
3	3 180312M1_4	Standard	1.000	4.74	292.314	3520.569	1.038	1.0	1.3	NO	0.998	NO	bb
4	4 180312M1_5	Standard	2.000	4.73	589.522	3633.436	2.028	2.0	1.2	NO	0.998	NO	bb
5	5 180312M1_6	Standard	5.000	4.73	1376.990	3528.072	4.879	4.9	-1.4	NO	0.998	NO	bb
6	6 180312M1_7	Standard	10.000	4.74	2984.516	3497.215	10.667	10.8	8.4	NO	0.998	NO	bb
7	7 180312M1_8	Standard	50.000	4.74	14132.198	3281.811	53.828	54.9	9.7	NO	0.998	NO	bb
8	8 180312M1_9	Standard	100.000	4.73	27128.883	3230.691	104.965	107.0	7.0	NO	0.998	NO	bb
9	9 180312M1_10	Standard	250.000	4.74	59019.090	3160.157	233.450	238.1	-4.8	NO	0.998	NO	bb
10	10 180312M1_11	Standard	500.000	4.73	110786.578	2829.706	489.391	499.2	-0.2	NO	0.998	NO	bb

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**Compound name: L-PFOS**

Coefficient of Determination: R<sup>2</sup> = 0.996860

Calibration curve:  $-5.54884e-005 * x^2 + 1.08909 * x + 0.00886622$

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 180312M1_2	Standard	0.250	4.75	69.994	3847.846	0.227	0.2	-19.7	NO	0.997	NO	MM
2	2 180312M1_3	Standard	0.500	4.75	204.657	3733.835	0.685	0.6	24.2	NO	0.997	NO	MM
3	3 180312M1_4	Standard	1.000	4.75	343.832	4069.648	1.056	1.0	-3.8	NO	0.997	NO	MM
4	4 180312M1_5	Standard	2.000	4.75	678.811	4169.922	2.035	1.9	-7.0	NO	0.997	NO	MM
5	5 180312M1_6	Standard	5.000	4.75	1593.290	4013.743	4.962	4.5	-9.0	NO	0.997	NO	MM
6	6 180312M1_7	Standard	10.000	4.75	3377.062	3760.124	11.227	10.3	3.1	NO	0.997	NO	MM
7	7 180312M1_8	Standard	50.000	4.75	17648.355	3545.880	62.214	57.3	14.6	NO	0.997	NO	MM
8	8 180312M1_9	Standard	100.000	4.75	33945.500	3777.386	112.331	103.7	3.7	NO	0.997	NO	MM
9	9 180312M1_10	Standard	250.000	4.75	71601.844	3597.135	248.816	231.2	-7.5	NO	0.997	NO	MM
10	10 180312M1_11	Standard	500.000	4.75	137769.266	3194.433	539.099	508.1	1.6	NO	0.997	NO	MM

**Compound name: PFDA**

Coefficient of Determination: R<sup>2</sup> = 0.998896

Calibration curve:  $-0.000612553 * x^2 + 1.32592 * x + -0.0172288$

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 180312M1_2	Standard	0.250	5.04	527.289	19418.602	0.339	0.3	7.6	NO	0.999	NO	bb
2	2 180312M1_3	Standard	0.500	5.04	1088.708	18580.725	0.732	0.6	13.1	NO	0.999	NO	bb
3	3 180312M1_4	Standard	1.000	5.04	1543.385	16416.955	1.175	0.9	-10.0	NO	0.999	NO	bb
4	4 180312M1_5	Standard	2.000	5.04	3750.022	16759.707	2.797	2.1	6.2	NO	0.999	NO	bb
5	5 180312M1_6	Standard	5.000	5.04	9005.111	20359.508	5.529	4.2	-16.2	NO	0.999	NO	bb
6	6 180312M1_7	Standard	10.000	5.04	18452.881	18984.051	12.150	9.2	-7.8	NO	0.999	NO	bb
7	7 180312M1_8	Standard	50.000	5.04	91883.336	16513.254	69.553	53.8	7.6	NO	0.999	NO	bb
8	8 180312M1_9	Standard	100.000	5.04	187879.359	18215.346	128.929	102.1	2.1	NO	0.999	NO	bb
9	9 180312M1_10	Standard	250.000	5.04	390702.844	17171.871	284.406	241.4	-3.4	NO	0.999	NO	bb
10	10 180312M1_11	Standard	500.000	5.04	699629.250	17039.465	513.242	504.8	1.0	NO	0.999	NO	bb

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**Compound name: 8:2 FTS**

Coefficient of Determination:  $R^2 = 0.996638$

Calibration curve:  $-0.00571175 * x^2 + 1.66507 * x + 0.0391213$

Response type: Internal Std ( Ref 46 ), 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 180312M1_2	Standard	0.250	5.01	126.565	3103.569	0.510	0.3	13.2	NO	0.997	NO	bb
2	2 180312M1_3	Standard	0.500	5.01	248.282	3161.561	0.982	0.6	13.4	NO	0.997	NO	bb
3	3 180312M1_4	Standard	1.000	5.01	498.485	3442.567	1.810	1.1	6.7	NO	0.997	NO	bb
4	4 180312M1_5	Standard	2.000	5.01	860.506	3428.362	3.137	1.9	-6.4	NO	0.997	NO	bb
5	5 180312M1_6	Standard	5.000	5.01	1817.475	3454.766	6.576	4.0	-20.4	NO	0.997	NO	bb
6	6 180312M1_7	Standard	10.000	5.01	4627.029	3615.503	15.997	9.9	-0.8	NO	0.997	NO	bb
7	7 180312M1_8	Standard	50.000	5.01	21864.971	3784.604	72.217	53.0	5.9	NO	0.997	NO	bb
8	8 180312M1_9	Standard	100.000	5.01	38355.438	4442.411	107.924	97.2	-2.8	NO	0.997	NO	bb
9	9 180312M1_10	Standard	250.000	5.01	79250.688	5562.209	178.101			NO	0.997	YES	bbXI
10	10 180312M1_11	Standard	500.000	5.01	120321.297	6429.006	233.942			NO	0.997	YES	bbXI

**Compound name: PFNS**

Coefficient of Determination:  $R^2 = 0.999714$

Calibration curve:  $-0.000146607 * x^2 + 0.879785 * x + -0.0922624$

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 180312M1_2	Standard	0.250	5.10	35.181	3847.846	0.114	0.2	-6.1	NO	1.000	NO	MM
2	2 180312M1_3	Standard	0.500	5.11	122.742	3733.835	0.411	0.6	14.4	NO	1.000	NO	MM
3	3 180312M1_4	Standard	1.000	5.11	254.359	4069.648	0.781	1.0	-0.7	NO	1.000	NO	MM
4	4 180312M1_5	Standard	2.000	5.11	418.193	4169.922	1.254	1.5	-23.5	NO	1.000	NO	MM
5	5 180312M1_6	Standard	5.000	5.11	1506.397	4013.743	4.691	5.4	8.8	NO	1.000	NO	MM
6	6 180312M1_7	Standard	10.000	5.11	2801.683	3760.124	9.314	10.7	7.1	NO	1.000	NO	MM
7	7 180312M1_8	Standard	50.000	5.11	12487.068	3545.880	44.020	50.6	1.1	NO	1.000	NO	MM
8	8 180312M1_9	Standard	100.000	5.11	25886.662	3777.386	85.663	99.1	-0.9	NO	1.000	NO	MM
9	9 180312M1_10	Standard	250.000	5.11	60364.863	3597.135	209.767	248.9	-0.5	NO	1.000	NO	MM
10	10 180312M1_11	Standard	500.000	5.11	103166.922	3194.433	403.698	500.7	0.1	NO	1.000	NO	MM

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**Compound name: N-MeFOSAA**

Coefficient of Determination: R<sup>2</sup> = 0.999563

Calibration curve: -0.000116428 \* x<sup>2</sup> + 1.38433 \* x + -0.0495842

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 180312M1_2	Standard	0.250	5.19	180.930	8485.779	0.267	0.2	-8.7	NO	1.000	NO	bb
2	2 180312M1_3	Standard	0.500	5.19	335.271	8607.337	0.487	0.4	-22.5	NO	1.000	NO	bb
3	3 180312M1_4	Standard	1.000	5.20	877.079	8997.017	1.219	0.9	-8.4	NO	1.000	NO	bb
4	4 180312M1_5	Standard	2.000	5.20	1958.273	8047.604	3.042	2.2	11.7	NO	1.000	NO	bb
5	5 180312M1_6	Standard	5.000	5.20	4652.497	8022.511	7.249	5.3	5.5	NO	1.000	NO	bb
6	6 180312M1_7	Standard	10.000	5.20	9749.295	8356.391	14.584	10.6	5.8	NO	1.000	NO	bb
7	7 180312M1_8	Standard	50.000	5.20	47374.051	8360.063	70.834	51.4	2.9	NO	1.000	NO	bb
8	8 180312M1_9	Standard	100.000	5.19	93866.258	8420.821	139.337	101.6	1.6	NO	1.000	NO	bb
9	9 180312M1_10	Standard	250.000	5.20	201744.203	7653.902	329.479	243.0	-2.8	NO	1.000	NO	bb
10	10 180312M1_11	Standard	500.000	5.20	388976.281	7289.588	667.007	503.2	0.6	NO	1.000	NO	bb

**Compound name: N-EtFOSAA**

Coefficient of Determination: R<sup>2</sup> = 0.999030

Calibration curve: -0.000231665 \* x<sup>2</sup> + 1.05567 \* x + 0.0410733

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 180312M1_2	Standard	0.250	5.35	201.593	8864.722	0.284	0.2	-7.8	NO	0.999	NO	bb
2	2 180312M1_3	Standard	0.500	5.35	433.051	9865.396	0.549	0.5	-3.8	NO	0.999	NO	bb
3	3 180312M1_4	Standard	1.000	5.35	839.750	9453.446	1.110	1.0	1.3	NO	0.999	NO	bb
4	4 180312M1_5	Standard	2.000	5.36	1828.278	8746.873	2.613	2.4	21.9	NO	0.999	NO	bb
5	5 180312M1_6	Standard	5.000	5.36	3897.365	9298.024	5.240	4.9	-1.4	NO	0.999	NO	bb
6	6 180312M1_7	Standard	10.000	5.36	8012.153	8746.791	11.450	10.8	8.3	NO	0.999	NO	bb
7	7 180312M1_8	Standard	50.000	5.36	35382.938	9053.589	48.852	46.7	-6.6	NO	0.999	NO	bb
8	8 180312M1_9	Standard	100.000	5.35	73502.961	8445.147	108.795	105.5	5.5	NO	0.999	NO	bb
9	9 180312M1_10	Standard	250.000	5.36	154034.016	7879.864	244.348	244.5	-2.2	NO	0.999	NO	bb
10	10 180312M1_11	Standard	500.000	5.36	261131.297	6919.290	471.745	502.2	0.4	NO	0.999	NO	bb

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**Compound name: PFUdA**

Coefficient of Determination:  $R^2 = 0.998453$

Calibration curve:  $-0.000107289 * x^2 + 1.02991 * x + 0.0029178$

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 180312M1_2	Standard	0.250	5.36	440.152	17363.830	0.317	0.3	21.9	NO	0.998	NO	bb
2	2 180312M1_3	Standard	0.500	5.36	778.452	22819.471	0.426	0.4	-17.8	NO	0.998	NO	bb
3	3 180312M1_4	Standard	1.000	5.37	1658.865	19025.242	1.090	1.1	5.6	NO	0.998	NO	bb
4	4 180312M1_5	Standard	2.000	5.36	3390.061	21194.682	1.999	1.9	-3.1	NO	0.998	NO	bb
5	5 180312M1_6	Standard	5.000	5.36	6333.869	21218.908	3.731	3.6	-27.6	NO	0.998	NO	bb
6	6 180312M1_7	Standard	10.000	5.37	18889.172	18876.424	12.508	12.2	21.6	NO	0.998	NO	bb
7	7 180312M1_8	Standard	50.000	5.37	87923.172	22223.434	49.454	48.3	-3.5	NO	0.998	NO	bb
8	8 180312M1_9	Standard	100.000	5.36	163154.281	19101.498	106.768	104.8	4.8	NO	0.998	NO	bb
9	9 180312M1_10	Standard	250.000	5.37	331778.125	16943.904	244.762	243.8	-2.5	NO	0.998	NO	MM
10	10 180312M1_11	Standard	500.000	5.37	688556.063	17553.674	490.322	502.4	0.5	NO	0.998	NO	MM

**Compound name: PFDS**

Coefficient of Determination:  $R^2 = 0.998152$

Calibration curve:  $-9.50367e-005 * x^2 + 0.220815 * x + -0.01479$

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 180312M1_2	Standard	0.250	5.41	64.493	17363.830	0.046	0.3	10.9	NO	0.998	NO	bb
2	2 180312M1_3	Standard	0.500	5.41	168.805	22819.471	0.092	0.5	-2.8	NO	0.998	NO	bb
3	3 180312M1_4	Standard	1.000	5.42	355.124	19025.242	0.233	1.1	12.4	NO	0.998	NO	bb
4	4 180312M1_5	Standard	2.000	5.41	661.287	21194.682	0.390	1.8	-8.3	NO	0.998	NO	bb
5	5 180312M1_6	Standard	5.000	5.41	1598.477	21218.908	0.942	4.3	-13.2	NO	0.998	NO	bb
6	6 180312M1_7	Standard	10.000	5.41	3582.396	18876.424	2.372	10.9	8.6	NO	0.998	NO	bb
7	7 180312M1_8	Standard	50.000	5.41	16755.453	22223.434	9.424	43.6	-12.9	NO	0.998	NO	bb
8	8 180312M1_9	Standard	100.000	5.41	33245.164	19101.498	21.756	103.2	3.2	NO	0.998	NO	bb
9	9 180312M1_10	Standard	250.000	5.42	68605.195	16943.904	50.612	257.9	3.2	NO	0.998	NO	bb
10	10 180312M1_11	Standard	500.000	5.42	120711.070	17553.674	85.959	494.7	-1.1	NO	0.998	NO	bb

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**Compound name: PFDoA**

Coefficient of Determination:  $R^2 = 0.987756$

Calibration curve:  $-1.13508e-005 * x^2 + 0.0121258 * x + -0.0593576$

Response type: Internal Std ( Ref 50 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

*Not used.  
 am  
 3/13/18*

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180312M1_2	Standard	0.250			14890.369				NO	0.988	NO	MM-
2	2 180312M1_3	Standard	0.500			15578.495				NO	0.988	NO	MM-
3	3 180312M1_4	Standard	1.000			16186.406				NO	0.988	NO	MM-
4	4 180312M1_5	Standard	2.000			19168.523				NO	0.988	NO	
5	5 180312M1_6	Standard	5.000			15103.020				NO	0.988	NO	MM-
6	6 180312M1_7	Standard	10.000	5.65	92.952	16232.012	0.072	10.9	9.1	NO	0.988	YES	bb
7	7 180312M1_8	Standard	50.000	5.65	594.796	14894.286	0.499	48.2	-3.5	NO	0.988	YES	bb
8	8 180312M1_9	Standard	100.000	5.65	1152.507	16262.710	0.886	84.7	-15.3	NO	0.988	YES	bb
9	9 180312M1_10	Standard	250.000	5.65	2808.853	13978.877	2.523	293.6	17.5	NO	0.988	YES	db
10	10 180312M1_11	Standard	500.000	5.65	3826.074	15586.554	3.068	435.4	-12.9	NO	0.988	YES	db

**Compound name: N-MeFOSA**

Coefficient of Determination:  $R^2 = 0.999876$

Calibration curve:  $-8.42941e-005 * x^2 + 0.983406 * x + -0.0213343$

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 180312M1_2	Standard	1.250	5.90	136.617	22162.363	0.925	1.0	-23.0	NO	1.000	NO	bb
2	2 180312M1_3	Standard	2.500	5.90	384.543	22144.447	2.605	2.7	6.8	NO	1.000	NO	bb
3	3 180312M1_4	Standard	5.000	5.90	781.714	22289.391	5.261	5.4	7.5	NO	1.000	NO	bb
4	4 180312M1_5	Standard	10.000	5.90	1563.188	23086.760	10.156	10.4	3.6	NO	1.000	NO	bb
5	5 180312M1_6	Standard	25.000	5.90	3923.363	24467.586	24.052	24.5	-1.9	NO	1.000	NO	bb
6	6 180312M1_7	Standard	50.000	5.90	7886.446	22848.875	51.774	52.9	5.8	NO	1.000	NO	MM
7	7 180312M1_8	Standard	250.000	5.90	38299.625	24053.176	238.843	248.2	-0.7	NO	1.000	NO	MM
8	8 180312M1_9	Standard	500.000	5.90	75190.453	23771.803	474.452	504.3	0.9	NO	1.000	NO	bb
9	9 180312M1_10	Standard	1250.000	5.90	165075.125	22745.613	1088.617	1238.5	-0.9	NO	1.000	NO	bb
10	10 180312M1_11	Standard	2500.000	5.90	296939.938	23013.139	1935.459	2506.8	0.3	NO	1.000	NO	MM



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**Compound name: PFTrDA**

Coefficient of Determination:  $R^2 = 0.999050$

Calibration curve:  $0.000492961 * x^2 + 1.45793 * x + 0.0694051$

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 180312M1_2	Standard	0.250	5.90	505.440	14890.369	0.424	0.2	-2.6	NO	0.999	NO	bb
2	2 180312M1_3	Standard	0.500	5.90	1043.250	15578.495	0.837	0.5	5.3	NO	0.999	NO	bb
3	3 180312M1_4	Standard	1.000	5.90	1876.863	16186.406	1.449	0.9	-5.4	NO	0.999	NO	bb
4	4 180312M1_5	Standard	2.000	5.90	4530.456	19168.523	2.954	2.0	-1.1	NO	0.999	NO	bb
5	5 180312M1_6	Standard	5.000	5.90	8954.060	15103.020	7.411	5.0	0.5	NO	0.999	NO	bb
6	6 180312M1_7	Standard	10.000	5.90	19215.980	16232.012	14.798	10.1	0.7	NO	0.999	NO	bb
7	7 180312M1_8	Standard	50.000	5.90	94216.633	14894.286	79.071	53.2	6.5	NO	0.999	NO	bb
8	8 180312M1_9	Standard	100.000	5.90	187614.813	16262.710	144.206	95.8	-4.2	NO	0.999	NO	bb
9	9 180312M1_10	Standard	250.000	5.90	442081.719	13918.877	397.016	251.0	0.4	NO	0.999	NO	bb
10	10 180312M1_11	Standard	500.000	5.90	708944.438	15586.554	568.555	348.8	-30.2	YES	0.999	NO	bbX

**Compound name: PFTeDA**

Coefficient of Determination:  $R^2 = 0.995466$

Calibration curve:  $-0.0016298 * x^2 + 2.29745 * x + 0.077208$

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 180312M1_2	Standard	0.250	6.12	465.454	8357.205	0.696	0.3	7.8	NO	0.995	NO	bb
2	2 180312M1_3	Standard	0.500	6.12	859.112	8226.625	1.305	0.5	7.0	NO	0.995	NO	bb
3	3 180312M1_4	Standard	1.000	6.12	1666.037	9675.136	2.152	0.9	-9.6	NO	0.995	NO	bb
4	4 180312M1_5	Standard	2.000	6.12	3158.885	9356.826	4.220	1.8	-9.7	NO	0.995	NO	bb
5	5 180312M1_6	Standard	5.000	6.12	8024.018	9261.195	10.830	4.7	-6.1	NO	0.995	NO	bb
6	6 180312M1_7	Standard	10.000	6.12	16032.137	8169.707	24.530	10.7	7.2	NO	0.995	NO	bb
7	7 180312M1_8	Standard	50.000	6.12	72608.266	8386.897	108.217	48.8	-2.5	NO	0.995	NO	bb
8	8 180312M1_9	Standard	100.000	6.12	148928.656	7805.058	238.513	112.8	12.8	NO	0.995	NO	bb
9	9 180312M1_10	Standard	250.000	6.12	338174.469	9681.734	436.614	226.4	-9.5	NO	0.995	NO	bb
10	10 180312M1_11	Standard	500.000	6.12	610715.438	10116.860	754.576	520.9	4.2	NO	0.995	NO	db

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**Compound name: N-EtFOSA**

Coefficient of Determination: R<sup>2</sup> = 0.999770

Calibration curve:  $-4.08497e-005 * x^2 + 0.898724 * x + 0.144844$

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 180312M1_2	Standard	1.250	6.32	242.223	32606.982	1.114	1.1	-13.7	NO	1.000	NO	bb
2	2 180312M1_3	Standard	2.500	6.32	536.779	33431.621	2.408	2.5	0.8	NO	1.000	NO	bb
3	3 180312M1_4	Standard	5.000	6.32	1119.174	34069.836	4.927	5.3	6.5	NO	1.000	NO	bb
4	4 180312M1_5	Standard	10.000	6.33	2061.294	34055.348	9.079	9.9	-0.5	NO	1.000	NO	bb
5	5 180312M1_6	Standard	25.000	6.33	5350.696	35466.188	22.630	25.0	0.2	NO	1.000	NO	bb
6	6 180312M1_7	Standard	50.000	6.33	10527.634	33417.730	47.255	52.5	5.1	NO	1.000	NO	bb
7	7 180312M1_8	Standard	250.000	6.33	50155.145	33143.434	226.991	255.4	2.1	NO	1.000	NO	bb
8	8 180312M1_9	Standard	500.000	6.32	99189.578	33451.230	444.780	506.4	1.3	NO	1.000	NO	bb
9	9 180312M1_10	Standard	1250.000	6.33	211520.594	30575.418	1037.699	1222.4	-2.2	NO	1.000	NO	bb
10	10 180312M1_11	Standard	2500.000	6.33	378018.625	28336.648	2001.041	2513.5	0.5	NO	1.000	NO	bb

**Compound name: PFHxDA**

Coefficient of Determination: R<sup>2</sup> = 0.999251

Calibration curve:  $-0.000279136 * x^2 + 0.48814 * x + 0.0615153$

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 180312M1_2	Standard	0.250	6.47	257.052	8170.738	0.157	0.2	-21.5	NO	0.999	NO	bb
2	2 180312M1_3	Standard	0.500	6.47	502.184	7523.804	0.334	0.6	11.6	NO	0.999	NO	bb
3	3 180312M1_4	Standard	1.000	6.47	908.029	8024.696	0.566	1.0	3.4	NO	0.999	NO	bb
4	4 180312M1_5	Standard	2.000	6.47	1662.750	8637.698	0.962	1.8	-7.6	NO	0.999	NO	bb
5	5 180312M1_6	Standard	5.000	6.47	4165.306	7558.766	2.755	5.5	10.7	NO	0.999	NO	bb
6	6 180312M1_7	Standard	10.000	6.48	6953.889	7046.849	4.934	10.0	0.4	NO	0.999	NO	bb
7	7 180312M1_8	Standard	50.000	6.48	35754.383	7029.910	25.430	53.6	7.2	NO	0.999	NO	bb
8	8 180312M1_9	Standard	100.000	6.47	64952.309	7287.125	44.566	96.5	-3.5	NO	0.999	NO	bb
9	9 180312M1_10	Standard	250.000	6.48	162567.141	7842.077	103.651	247.1	-1.1	NO	0.999	NO	bb
10	10 180312M1_11	Standard	500.000	6.47	280886.938	8026.148	174.982	503.0	0.6	NO	0.999	NO	bb

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**Compound name: PFODA**

Coefficient of Determination:  $R^2 = 0.996805$

Calibration curve:  $-0.00059395 * x^2 + 1.14548 * x + 0.0125416$

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 180312M1_2	Standard	0.250	6.71	400.101	8170.738	0.245	0.2	-18.9	NO	0.997	NO	bb
2	2 180312M1_3	Standard	0.500	6.71	839.460	7523.804	0.558	0.5	-4.8	NO	0.997	NO	bb
3	3 180312M1_4	Standard	1.000	6.71	1909.036	8024.696	1.189	1.0	2.8	NO	0.997	NO	bb
4	4 180312M1_5	Standard	2.000	6.71	3992.361	8637.698	2.311	2.0	0.4	NO	0.997	NO	bb
5	5 180312M1_6	Standard	5.000	6.72	8868.869	7558.766	5.867	5.1	2.5	NO	0.997	NO	bb
6	6 180312M1_7	Standard	10.000	6.72	18440.686	7046.849	13.084	11.5	14.8	NO	0.997	NO	bb
7	7 180312M1_8	Standard	50.000	6.72	86804.406	7029.910	61.739	55.5	11.0	NO	0.997	NO	bb
8	8 180312M1_9	Standard	100.000	6.72	162226.422	7287.125	111.310	102.6	2.6	NO	0.997	NO	bb
9	9 180312M1_10	Standard	250.000	6.72	361960.219	7842.077	230.781	228.5	-8.6	NO	0.997	NO	bb
10	10 180312M1_11	Standard	500.000	6.72	693998.188	8026.148	432.336	514.9	3.0	NO	0.997	NO	bb

**Compound name: N-MeFOSE**

Correlation coefficient:  $r = 0.999142$ ,  $r^2 = 0.998285$

Calibration curve:  $0.90458 * x + 0.0689345$

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 180312M1_2	Standard	1.250	6.48	201.950	24774.002	1.223	1.3	2.0	NO	0.998	NO	bb
2	2 180312M1_3	Standard	2.500	6.48	368.040	23580.873	2.341	2.5	0.5	NO	0.998	NO	bb
3	3 180312M1_4	Standard	5.000	6.48	811.913	24304.939	5.011	5.5	9.3	NO	0.998	NO	bb
4	4 180312M1_5	Standard	10.000	6.48	1543.862	24230.301	9.557	10.5	4.9	NO	0.998	NO	bb
5	5 180312M1_6	Standard	25.000	6.48	3608.110	26178.412	20.674	22.8	-8.9	NO	0.998	NO	bb
6	6 180312M1_7	Standard	50.000	6.48	8383.996	25859.588	48.632	53.7	7.4	NO	0.998	NO	bb
7	7 180312M1_8	Standard	250.000	6.48	34233.742	25293.688	203.017	224.4	-10.3	NO	0.998	NO	bb
8	8 180312M1_9	Standard	500.000	6.47	75328.492	27255.523	414.568	458.2	-8.4	NO	0.998	NO	MM
9	9 180312M1_10	Standard	1250.000	6.48	174294.453	22732.188	1150.095	1271.3	1.7	NO	0.998	NO	bb
10	10 180312M1_11	Standard	2500.000	6.48	340640.938	22206.188	2300.987	2543.6	1.7	NO	0.998	NO	bb

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**Compound name: N-EtFOSE**

Correlation coefficient:  $r = 0.999138$ ,  $r^2 = 0.998276$

Calibration curve:  $1.02278 * x + 0.410086$

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	1 180312M1_2	Standard	1.250	6.63	220.910	22037.041	1.504	1.1	-14.5	NO	0.998	NO	bb
2	2 180312M1_3	Standard	2.500	6.63	421.734	22710.898	2.785	2.3	-7.1	NO	0.998	NO	bb
3	3 180312M1_4	Standard	5.000	6.63	882.154	22790.275	5.806	5.3	5.5	NO	0.998	NO	bb
4	4 180312M1_5	Standard	10.000	6.63	1803.043	26507.336	10.203	9.6	-4.3	NO	0.998	NO	bb
5	5 180312M1_6	Standard	25.000	6.63	4610.108	24436.025	28.299	27.3	9.1	NO	0.998	NO	bb
6	6 180312M1_7	Standard	50.000	6.63	8439.987	25579.709	49.492	48.0	-4.0	NO	0.998	NO	bb
7	7 180312M1_8	Standard	250.000	6.63	46919.879	23590.516	298.339	291.3	16.5	NO	0.998	NO	MM
8	8 180312M1_9	Standard	500.000	6.63	90930.852	26373.574	517.170	505.2	1.0	NO	0.998	NO	bb
9	9 180312M1_10	Standard	1250.000	6.63	207961.703	24620.906	1266.982	1238.4	-0.9	NO	0.998	NO	bb
10	10 180312M1_11	Standard	2500.000	6.63	364569.844	21684.006	2521.927	2465.3	-1.4	NO	0.998	NO	bb

**Compound name: 13C3-PFBA**

Response Factor: 0.863883

RRF SD: 0.0329031, Relative SD: 3.80874

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 180312M1_2	Standard	12.500	1.35	5608.813	6467.654	10.840	12.5	0.4	NO		NO	bb
2	2 180312M1_3	Standard	12.500	1.35	5682.847	6638.222	10.701	12.4	-0.9	NO		NO	MM
3	3 180312M1_4	Standard	12.500	1.35	5947.332	6812.403	10.913	12.6	1.1	NO		NO	bb
4	4 180312M1_5	Standard	12.500	1.35	5894.939	6675.715	11.038	12.8	2.2	NO		NO	bb
5	5 180312M1_6	Standard	12.500	1.35	5613.899	6153.360	11.404	13.2	5.6	NO		NO	bb
6	6 180312M1_7	Standard	12.500	1.35	5731.077	6618.817	10.823	12.5	0.2	NO		NO	bb
7	7 180312M1_8	Standard	12.500	1.35	6122.591	6936.387	11.033	12.8	2.2	NO		NO	bb
8	8 180312M1_9	Standard	12.500	1.35	5508.229	6978.399	9.867	11.4	-8.6	NO		NO	bb
9	9 180312M1_10	Standard	12.500	1.35	5961.823	6817.634	10.931	12.7	1.2	NO		NO	bb
10	10 180312M1_11	Standard	12.500	1.35	5658.257	6777.975	10.435	12.1	-3.4	NO		NO	bb

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**Compound name: 13C3-PFPeA**

Response Factor: 0.862301

RRF SD: 0.0364733, Relative SD: 4.22977

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 180312M1_2	Standard	12.500	2.32	14784.100	17759.459	10.406	12.1	-3.5	NO		NO	MM
2	2 180312M1_3	Standard	12.500	2.32	15132.301	17839.250	10.603	12.3	-1.6	NO		NO	MM
3	3 180312M1_4	Standard	12.500	2.32	15561.742	17719.832	10.978	12.7	1.8	NO		NO	bb
4	4 180312M1_5	Standard	12.500	2.32	15028.605	18005.289	10.433	12.1	-3.2	NO		NO	MM
5	5 180312M1_6	Standard	12.500	2.32	16202.237	17270.287	11.727	13.6	8.8	NO		NO	MM
6	6 180312M1_7	Standard	12.500	2.33	14724.027	18295.832	10.060	11.7	-6.7	NO		NO	bb
7	7 180312M1_8	Standard	12.500	2.33	15210.253	17438.857	10.903	12.6	1.1	NO		NO	bb
8	8 180312M1_9	Standard	12.500	2.32	15140.861	17371.395	10.895	12.6	1.1	NO		NO	bb
9	9 180312M1_10	Standard	12.500	2.33	14218.029	16605.947	10.703	12.4	-0.7	NO		NO	bb
10	10 180312M1_11	Standard	12.500	2.32	13507.111	15237.007	11.081	12.9	2.8	NO		NO	bb

**Compound name: 13C3-PFBS**

Response Factor: 0.103363

RRF SD: 0.00493081, Relative SD: 4.77038

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 180312M1_2	Standard	12.500	2.60	1820.263	17759.459	1.281	12.4	-0.8	NO		NO	bb
2	2 180312M1_3	Standard	12.500	2.60	1746.106	17839.250	1.224	11.8	-5.3	NO		NO	bb
3	3 180312M1_4	Standard	12.500	2.60	1762.504	17719.832	1.243	12.0	-3.8	NO		NO	bb
4	4 180312M1_5	Standard	12.500	2.60	1823.360	18005.289	1.266	12.2	-2.0	NO		NO	bb
5	5 180312M1_6	Standard	12.500	2.60	1972.708	17270.287	1.428	13.8	10.5	NO		NO	bb
6	6 180312M1_7	Standard	12.500	2.60	1827.586	18295.832	1.249	12.1	-3.4	NO		NO	bb
7	7 180312M1_8	Standard	12.500	2.61	1887.934	17438.857	1.353	13.1	4.7	NO		NO	bb
8	8 180312M1_9	Standard	12.500	2.60	1834.681	17371.395	1.320	12.8	2.2	NO		NO	bb
9	9 180312M1_10	Standard	12.500	2.60	1667.361	16605.947	1.255	12.1	-2.9	NO		NO	bb
10	10 180312M1_11	Standard	12.500	2.60	1586.518	15237.007	1.302	12.6	0.7	NO		NO	bb

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**Compound name: 13C2-PFHxA**

Response Factor: 0.73257

RRF SD: 0.0407689, Relative SD: 5.5652

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 180312M1_2	Standard	5.000	3.09	4881.925	17759.459	3.436	4.7	-6.2	NO		NO	bb
2	2 180312M1_3	Standard	5.000	3.09	5263.246	17839.250	3.688	5.0	0.7	NO		NO	bb
3	3 180312M1_4	Standard	5.000	3.09	5658.176	17719.832	3.991	5.4	9.0	NO		NO	bb
4	4 180312M1_5	Standard	5.000	3.09	5066.554	18005.289	3.517	4.8	-4.0	NO		NO	bb
5	5 180312M1_6	Standard	5.000	3.09	5194.834	17270.287	3.760	5.1	2.7	NO		NO	bb
6	6 180312M1_7	Standard	5.000	3.09	5134.691	18295.832	3.508	4.8	-4.2	NO		NO	bb
7	7 180312M1_8	Standard	5.000	3.09	5493.567	17438.857	3.938	5.4	7.5	NO		NO	bb
8	8 180312M1_9	Standard	5.000	3.09	5291.060	17371.395	3.807	5.2	3.9	NO		NO	bb
9	9 180312M1_10	Standard	5.000	3.09	4698.397	16605.947	3.537	4.8	-3.4	NO		NO	bb
10	10 180312M1_11	Standard	5.000	3.09	4200.280	15237.007	3.446	4.7	-5.9	NO		NO	bb

**Compound name: 13C4-PFHpA**

Response Factor: 0.725522

RRF SD: 0.0296798, Relative SD: 4.09082

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 180312M1_2	Standard	12.500	3.71	13345.338	17759.459	9.393	12.9	3.6	NO		NO	bb
2	2 180312M1_3	Standard	12.500	3.71	13083.980	17839.250	9.168	12.6	1.1	NO		NO	bb
3	3 180312M1_4	Standard	12.500	3.71	12922.812	17719.832	9.116	12.6	0.5	NO		NO	bb
4	4 180312M1_5	Standard	12.500	3.71	12789.256	18005.289	8.879	12.2	-2.1	NO		NO	bb
5	5 180312M1_6	Standard	12.500	3.71	13480.104	17270.287	9.757	13.4	7.6	NO		NO	bb
6	6 180312M1_7	Standard	12.500	3.71	12754.749	18295.832	8.714	12.0	-3.9	NO		NO	bb
7	7 180312M1_8	Standard	12.500	3.71	12532.634	17438.857	8.983	12.4	-0.9	NO		NO	bb
8	8 180312M1_9	Standard	12.500	3.71	12027.526	17371.395	8.655	11.9	-4.6	NO		NO	bb
9	9 180312M1_10	Standard	12.500	3.71	12488.820	16605.947	9.401	13.0	3.7	NO		NO	bb
10	10 180312M1_11	Standard	12.500	3.71	10512.930	15237.007	8.625	11.9	-4.9	NO		NO	bb

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**Compound name: 18O2-PFHxS**

Response Factor: 0.402177

RRF SD: 0.0188823, Relative SD: 4.69504

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 180312M1_2	Standard	12.500	3.85	1451.761	3420.578	5.305	13.2	5.5	NO		NO	bb
2	2 180312M1_3	Standard	12.500	3.85	1382.782	3538.299	4.885	12.1	-2.8	NO		NO	bb
3	3 180312M1_4	Standard	12.500	3.85	1392.197	3586.301	4.852	12.1	-3.5	NO		NO	bb
4	4 180312M1_5	Standard	12.500	3.85	1377.576	3706.479	4.646	11.6	-7.6	NO		NO	bb
5	5 180312M1_6	Standard	12.500	3.85	1528.409	3727.271	5.126	12.7	2.0	NO		NO	bb
6	6 180312M1_7	Standard	12.500	3.85	1344.339	3343.558	5.026	12.5	-0.0	NO		NO	bb
7	7 180312M1_8	Standard	12.500	3.85	1455.374	3511.139	5.181	12.9	3.1	NO		NO	bb
8	8 180312M1_9	Standard	12.500	3.85	1386.110	3346.531	5.177	12.9	3.0	NO		NO	bb
9	9 180312M1_10	Standard	12.500	3.86	1270.994	2980.989	5.330	13.3	6.0	NO		NO	bb
10	10 180312M1_11	Standard	12.500	3.85	1195.101	3149.275	4.744	11.8	-5.6	NO		NO	bb

**Compound name: 13C2-6:2 FTS**

Response Factor: 0.258814

RRF SD: 0.0298816, Relative SD: 11.5456

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 180312M1_2	Standard	12.500	4.17	3856.612	15895.362	3.033	11.7	-6.3	NO		NO	bb
2	2 180312M1_3	Standard	12.500	4.17	4095.374	18259.000	2.804	10.8	-13.3	NO		NO	bb
3	3 180312M1_4	Standard	12.500	4.17	4644.226	16393.129	3.541	13.7	9.5	NO		NO	bb
4	4 180312M1_5	Standard	12.500	4.17	4221.994	18033.326	2.927	11.3	-9.5	NO		NO	bb
5	5 180312M1_6	Standard	12.500	4.17	4897.085	18338.291	3.338	12.9	3.2	NO		NO	bb
6	6 180312M1_7	Standard	12.500	4.17	4168.009	18188.945	2.864	11.1	-11.5	NO		NO	bb
7	7 180312M1_8	Standard	12.500	4.17	4882.314	16741.260	3.645	14.1	12.7	NO		NO	bb
8	8 180312M1_9	Standard	12.500	4.17	5286.269	17718.820	3.729	14.4	15.3	NO		NO	bb
9	9 180312M1_10	Standard	12.500	4.17	7687.701	15568.950	6.172	23.8	90.8	NO		NO	bbX
10	10 180312M1_11	Standard	12.500	4.17	9649.628	16153.714	7.467	28.9	130.8	NO		NO	bbX

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**Compound name: 13C2-PFOA**

Response Factor: 1.05687

RRF SD: 0.0571712, Relative SD: 5.40947

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 180312M1_2	Standard	12.500	4.22	16185.938	15895.362	12.729	12.0	-3.7	NO		NO	bb
2	2 180312M1_3	Standard	12.500	4.23	19419.074	18259.000	13.294	12.6	0.6	NO		NO	bb
3	3 180312M1_4	Standard	12.500	4.23	18952.361	16393.129	14.451	13.7	9.4	NO		NO	bb
4	4 180312M1_5	Standard	12.500	4.23	19464.084	18033.326	13.492	12.8	2.1	NO		NO	bb
5	5 180312M1_6	Standard	12.500	4.23	19091.439	18338.291	13.013	12.3	-1.5	NO		NO	bb
6	6 180312M1_7	Standard	12.500	4.23	18262.439	18188.945	12.551	11.9	-5.0	NO		NO	bb
7	7 180312M1_8	Standard	12.500	4.23	18000.988	16741.260	13.441	12.7	1.7	NO		NO	bb
8	8 180312M1_9	Standard	12.500	4.23	18475.893	17718.820	13.034	12.3	-1.3	NO		NO	bb
9	9 180312M1_10	Standard	12.500	4.23	17541.947	15568.950	14.084	13.3	6.6	NO		NO	bb
10	10 180312M1_11	Standard	12.500	4.23	15533.917	16153.714	12.020	11.4	-9.0	NO		NO	bb

**Compound name: 13C5-PFNA**

Response Factor: 0.933027

RRF SD: 0.0869831, Relative SD: 9.32268

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 180312M1_2	Standard	12.500	4.66	18052.068	17720.727	12.734	13.6	9.2	NO		NO	bb
2	2 180312M1_3	Standard	12.500	4.67	15506.444	18232.664	10.631	11.4	-8.8	NO		NO	bb
3	3 180312M1_4	Standard	12.500	4.67	19208.908	18577.332	12.925	13.9	10.8	NO		NO	bb
4	4 180312M1_5	Standard	12.500	4.67	18481.357	19422.037	11.895	12.7	2.0	NO		NO	bb
5	5 180312M1_6	Standard	12.500	4.67	17508.639	17020.988	12.858	13.8	10.2	NO		NO	bb
6	6 180312M1_7	Standard	12.500	4.67	18143.475	19383.266	11.700	12.5	0.3	NO		NO	bb
7	7 180312M1_8	Standard	12.500	4.67	18893.727	19746.689	11.960	12.8	2.5	NO		NO	bb
8	8 180312M1_9	Standard	12.500	4.67	16453.250	21616.039	9.514	10.2	-18.4	NO		NO	bb
9	9 180312M1_10	Standard	12.500	4.67	16162.340	17500.607	11.544	12.4	-1.0	NO		NO	bb
10	10 180312M1_11	Standard	12.500	4.67	14593.613	16786.824	10.867	11.6	-6.8	NO		NO	bb



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**Compound name: 13C8-PFOSA**

Response Factor: 0.17992

RRF SD: 0.0156747, Relative SD: 8.71205

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 180312M1_2	Standard	12.500	4.73	3444.948	19100.131	2.255	12.5	0.2	NO		NO	bb
2	2 180312M1_3	Standard	12.500	4.73	3380.128	18763.893	2.252	12.5	0.1	NO		NO	bb
3	3 180312M1_4	Standard	12.500	4.73	3520.569	19740.344	2.229	12.4	-0.9	NO		NO	bb
4	4 180312M1_5	Standard	12.500	4.73	3633.436	19636.494	2.313	12.9	2.8	NO		NO	bb
5	5 180312M1_6	Standard	12.500	4.73	3528.072	18793.268	2.347	13.0	4.3	NO		NO	bb
6	6 180312M1_7	Standard	12.500	4.73	3497.215	20941.807	2.087	11.6	-7.2	NO		NO	bb
7	7 180312M1_8	Standard	12.500	4.73	3281.811	15256.215	2.689	14.9	19.6	NO		NO	bb
8	8 180312M1_9	Standard	12.500	4.73	3230.691	20914.525	1.931	10.7	-14.1	NO		NO	bb
9	9 180312M1_10	Standard	12.500	4.73	3160.157	17622.748	2.242	12.5	-0.3	NO		NO	bb
10	10 180312M1_11	Standard	12.500	4.73	2829.706	16481.979	2.146	11.9	-4.6	NO		NO	bb

**Compound name: 13C8-PFOS**

Response Factor: 1.02765

RRF SD: 0.0865586, Relative SD: 8.42295

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 180312M1_2	Standard	12.500	4.75	3847.846	3611.693	13.317	13.0	3.7	NO		NO	bb
2	2 180312M1_3	Standard	12.500	4.75	3733.835	3781.295	12.343	12.0	-3.9	NO		NO	bb
3	3 180312M1_4	Standard	12.500	4.75	4069.648	3737.690	13.610	13.2	6.0	NO		NO	bb
4	4 180312M1_5	Standard	12.500	4.75	4169.922	4081.822	12.770	12.4	-0.6	NO		NO	bb
5	5 180312M1_6	Standard	12.500	4.75	4013.743	3352.432	14.966	14.6	16.5	NO		NO	bb
6	6 180312M1_7	Standard	12.500	4.75	3760.124	3584.156	13.114	12.8	2.1	NO		NO	bb
7	7 180312M1_8	Standard	12.500	4.75	3545.880	4002.826	11.073	10.8	-13.8	NO		NO	bb
8	8 180312M1_9	Standard	12.500	4.75	3777.386	4083.302	11.564	11.3	-10.0	NO		NO	bb
9	9 180312M1_10	Standard	12.500	4.75	3597.135	3434.205	13.093	12.7	1.9	NO		NO	bb
10	10 180312M1_11	Standard	12.500	4.75	3194.433	3167.294	12.607	12.3	-1.9	NO		NO	bb

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**Compound name: 13C2-PFDA**

Response Factor: 1.09585

RRF SD: 0.0919377, Relative SD: 8.38962

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 180312M1_2	Standard	12.500	5.04	19418.602	18022.652	13.468	12.3	-1.7	NO		NO	bb
2	2 180312M1_3	Standard	12.500	5.04	18580.725	16886.383	13.754	12.6	0.4	NO		NO	bb
3	3 180312M1_4	Standard	12.500	5.04	16416.955	16800.965	12.214	11.1	-10.8	NO		NO	bb
4	4 180312M1_5	Standard	12.500	5.04	16759.707	17734.932	11.813	10.8	-13.8	NO		NO	bb
5	5 180312M1_6	Standard	12.500	5.04	20359.508	19368.000	13.140	12.0	-4.1	NO		NO	bb
6	6 180312M1_7	Standard	12.500	5.04	18984.051	15555.635	15.255	13.9	11.4	NO		NO	bb
7	7 180312M1_8	Standard	12.500	5.04	16513.254	14772.854	13.973	12.8	2.0	NO		NO	bb
8	8 180312M1_9	Standard	12.500	5.04	18215.346	16775.291	13.573	12.4	-0.9	NO		NO	bb
9	9 180312M1_10	Standard	12.500	5.04	17171.871	14001.004	15.331	14.0	11.9	NO		NO	bb
10	10 180312M1_11	Standard	12.500	5.04	17039.465	14729.349	14.460	13.2	5.6	NO		NO	bb

**Compound name: 13C2-8:2 FTS**

Response Factor: 0.200884

RRF SD: 0.0258453, Relative SD: 12.8658

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 180312M1_2	Standard	12.500	5.01	3103.569	17759.459	2.184	10.9	-13.0	NO		NO	bb
2	2 180312M1_3	Standard	12.500	5.01	3161.561	17839.250	2.215	11.0	-11.8	NO		NO	bb
3	3 180312M1_4	Standard	12.500	5.01	3442.567	17719.832	2.428	12.1	-3.3	NO		NO	bb
4	4 180312M1_5	Standard	12.500	5.01	3428.362	18005.289	2.380	11.8	-5.2	NO		NO	bb
5	5 180312M1_6	Standard	12.500	5.01	3454.766	17270.287	2.501	12.4	-0.4	NO		NO	bb
6	6 180312M1_7	Standard	12.500	5.01	3615.503	18295.832	2.470	12.3	-1.6	NO		NO	bb
7	7 180312M1_8	Standard	12.500	5.01	3784.604	17438.857	2.713	13.5	8.0	NO		NO	bb
8	8 180312M1_9	Standard	12.500	5.01	4442.411	17371.395	3.197	15.9	27.3	NO		NO	bb
9	9 180312M1_10	Standard	12.500	5.01	5562.209	16605.947	4.187	20.8	66.7	NO		NO	bbX
10	10 180312M1_11	Standard	12.500	5.01	6429.006	15237.007	5.274	26.3	110.0	NO		NO	bbX

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**Compound name: d3-N-MeFOSAA**

Response Factor: 0.442171

RRF SD: 0.042719, Relative SD: 9.66121

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 180312M1_2	Standard	12.500	5.19	8485.779	19100.131	5.553	12.6	0.5	NO		NO	bb
2	2 180312M1_3	Standard	12.500	5.19	8607.337	18763.893	5.734	13.0	3.7	NO		NO	bb
3	3 180312M1_4	Standard	12.500	5.19	8997.017	19740.344	5.697	12.9	3.1	NO		NO	bb
4	4 180312M1_5	Standard	12.500	5.19	8047.604	19636.494	5.123	11.6	-7.3	NO		NO	bb
5	5 180312M1_6	Standard	12.500	5.19	8022.511	18793.268	5.336	12.1	-3.5	NO		NO	bb
6	6 180312M1_7	Standard	12.500	5.19	8356.391	20941.807	4.988	11.3	-9.8	NO		NO	bb
7	7 180312M1_8	Standard	12.500	5.19	8360.063	15256.215	6.850	15.5	23.9	NO		NO	bb
8	8 180312M1_9	Standard	12.500	5.19	8420.821	20914.525	5.033	11.4	-8.9	NO		NO	bb
9	9 180312M1_10	Standard	12.500	5.19	7653.902	17622.748	5.429	12.3	-1.8	NO		NO	bb
10	10 180312M1_11	Standard	12.500	5.19	7289.588	16481.979	5.528	12.5	0.0	NO		NO	bb

**Compound name: d5-N-EtFOSAA**

Response Factor: 0.469082

RRF SD: 0.0575717, Relative SD: 12.2733

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 180312M1_2	Standard	12.500	5.35	8864.722	19100.131	5.801	12.4	-1.1	NO		NO	bb
2	2 180312M1_3	Standard	12.500	5.35	9865.396	18763.893	6.572	14.0	12.1	NO		NO	bb
3	3 180312M1_4	Standard	12.500	5.35	9453.446	19740.344	5.986	12.8	2.1	NO		NO	bb
4	4 180312M1_5	Standard	12.500	5.35	8746.873	19636.494	5.568	11.9	-5.0	NO		NO	bb
5	5 180312M1_6	Standard	12.500	5.35	9298.024	18793.268	6.184	13.2	5.5	NO		NO	bb
6	6 180312M1_7	Standard	12.500	5.35	8746.791	20941.807	5.221	11.1	-11.0	NO		NO	bb
7	7 180312M1_8	Standard	12.500	5.35	9053.589	15256.215	7.418	15.8	26.5	NO		NO	bb
8	8 180312M1_9	Standard	12.500	5.35	8445.147	20914.525	5.047	10.8	-13.9	NO		NO	bb
9	9 180312M1_10	Standard	12.500	5.35	7879.864	17622.748	5.589	11.9	-4.7	NO		NO	bb
10	10 180312M1_11	Standard	12.500	5.35	6919.290	16481.979	5.248	11.2	-10.5	NO		NO	bb

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**Compound name: 13C2-PFUdA**

Response Factor: 1.05953

RRF SD: 0.174903, Relative SD: 16.5076

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 180312M1_2	Standard	12.500	5.36	17363.830	19100.131	11.364	10.7	-14.2	NO		NO	bb
2	2 180312M1_3	Standard	12.500	5.36	22819.471	18763.893	15.202	14.3	14.8	NO		NO	bb
3	3 180312M1_4	Standard	12.500	5.36	19025.242	19740.344	12.047	11.4	-9.0	NO		NO	bb
4	4 180312M1_5	Standard	12.500	5.36	21194.682	19636.494	13.492	12.7	1.9	NO		NO	bb
5	5 180312M1_6	Standard	12.500	5.36	21218.908	18793.268	14.113	13.3	6.6	NO		NO	bb
6	6 180312M1_7	Standard	12.500	5.37	18876.424	20941.807	11.267	10.6	-14.9	NO		NO	bb
7	7 180312M1_8	Standard	12.500	5.36	22223.434	15256.215	18.209	17.2	37.5	NO		NO	bb
8	8 180312M1_9	Standard	12.500	5.36	19101.498	20914.525	11.416	10.8	-13.8	NO		NO	bb
9	9 180312M1_10	Standard	12.500	5.37	16943.904	17622.748	12.018	11.3	-9.3	NO		NO	bb
10	10 180312M1_11	Standard	12.500	5.37	17553.674	16481.979	13.313	12.6	0.5	NO		NO	bb

**Compound name: 13C2-PFDoA**

Response Factor: 0.847406

RRF SD: 0.0842117, Relative SD: 9.93759

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 180312M1_2	Standard	12.500	5.65	14890.369	19100.131	9.745	11.5	-8.0	NO		NO	bb
2	2 180312M1_3	Standard	12.500	5.65	15578.495	18763.893	10.378	12.2	-2.0	NO		NO	bb
3	3 180312M1_4	Standard	12.500	5.65	16186.406	19740.344	10.250	12.1	-3.2	NO		NO	bb
4	4 180312M1_5	Standard	12.500	5.65	19168.523	19636.494	12.202	14.4	15.2	NO		NO	bb
5	5 180312M1_6	Standard	12.500	5.65	15103.020	18793.268	10.045	11.9	-5.2	NO		NO	bb
6	6 180312M1_7	Standard	12.500	5.65	16232.012	20941.807	9.689	11.4	-8.5	NO		NO	bb
7	7 180312M1_8	Standard	12.500	5.65	14894.286	15256.215	12.203	14.4	15.2	NO		NO	bb
8	8 180312M1_9	Standard	12.500	5.65	16262.710	20914.525	9.720	11.5	-8.2	NO		NO	bb
9	9 180312M1_10	Standard	12.500	5.65	13918.877	17622.748	9.873	11.7	-6.8	NO		NO	bb
10	10 180312M1_11	Standard	12.500	5.65	15586.554	16481.979	11.821	13.9	11.6	NO		NO	bb

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**Compound name: d3-N-MeFOSA**

Response Factor: 0.103654

RRF SD: 0.0125219, Relative SD: 12.0804

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 180312M1_2	Standard	150.000	5.93	22162.363	19100.131	14.504	139.9	-6.7	NO		NO	bb
2	2 180312M1_3	Standard	150.000	5.93	22144.447	18763.893	14.752	142.3	-5.1	NO		NO	bb
3	3 180312M1_4	Standard	150.000	5.93	22289.391	19740.344	14.114	136.2	-9.2	NO		NO	bb
4	4 180312M1_5	Standard	150.000	5.93	23086.760	19636.494	14.696	141.8	-5.5	NO		NO	bb
5	5 180312M1_6	Standard	150.000	5.93	24467.586	18793.268	16.274	157.0	4.7	NO		NO	MM
6	6 180312M1_7	Standard	150.000	5.93	22848.875	20941.807	13.638	131.6	-12.3	NO		NO	bb
7	7 180312M1_8	Standard	150.000	5.93	24053.176	15256.215	19.708	190.1	26.8	NO		NO	MM
8	8 180312M1_9	Standard	150.000	5.93	23771.803	20914.525	14.208	137.1	-8.6	NO		NO	bb
9	9 180312M1_10	Standard	150.000	5.93	22745.613	17622.748	16.134	155.6	3.8	NO		NO	MM
10	10 180312M1_11	Standard	150.000	5.93	23013.139	16481.979	17.453	168.4	12.3	NO		NO	MM

**Compound name: 13C2-PFTeDA**

Response Factor: 0.481163

RRF SD: 0.0751792, Relative SD: 15.6245

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 180312M1_2	Standard	12.500	6.12	8357.205	19100.131	5.469	11.4	-9.1	NO		NO	bb
2	2 180312M1_3	Standard	12.500	6.12	8226.625	18763.893	5.480	11.4	-8.9	NO		NO	bb
3	3 180312M1_4	Standard	12.500	6.12	9675.136	19740.344	6.126	12.7	1.9	NO		NO	bb
4	4 180312M1_5	Standard	12.500	6.12	9356.826	19636.494	5.956	12.4	-1.0	NO		NO	bb
5	5 180312M1_6	Standard	12.500	6.12	9261.195	18793.268	6.160	12.8	2.4	NO		NO	bb
6	6 180312M1_7	Standard	12.500	6.12	8169.707	20941.807	4.876	10.1	-18.9	NO		NO	bb
7	7 180312M1_8	Standard	12.500	6.12	8386.897	15256.215	6.872	14.3	14.3	NO		NO	bb
8	8 180312M1_9	Standard	12.500	6.12	7805.058	20914.525	4.665	9.7	-22.4	NO		NO	bb
9	9 180312M1_10	Standard	12.500	6.12	9681.734	17622.748	6.867	14.3	14.2	NO		NO	bb
10	10 180312M1_11	Standard	12.500	6.12	10116.860	16481.979	7.673	15.9	27.6	NO		NO	bb

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**Compound name: d5-N-ETFOSA**

Response Factor: 0.147151

RRF SD: 0.0137799, Relative SD: 9.36448

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 180312M1_2	Standard	150.000	6.34	32606.982	19100.131	21.340	145.0	-3.3	NO		NO	bb
2	2 180312M1_3	Standard	150.000	6.34	33431.621	18763.893	22.271	151.3	0.9	NO		NO	bb
3	3 180312M1_4	Standard	150.000	6.34	34069.836	19740.344	21.574	146.6	-2.3	NO		NO	bb
4	4 180312M1_5	Standard	150.000	6.34	34055.348	19636.494	21.679	147.3	-1.8	NO		NO	bb
5	5 180312M1_6	Standard	150.000	6.34	35466.188	18793.268	23.590	160.3	6.9	NO		NO	bb
6	6 180312M1_7	Standard	150.000	6.34	33417.730	20941.807	19.947	135.6	-9.6	NO		NO	bb
7	7 180312M1_8	Standard	150.000	6.34	33143.434	15256.215	27.156	184.5	23.0	NO		NO	bb
8	8 180312M1_9	Standard	150.000	6.34	33451.230	20914.525	19.993	135.9	-9.4	NO		NO	bb
9	9 180312M1_10	Standard	150.000	6.34	30575.418	17622.748	21.687	147.4	-1.7	NO		NO	bb
10	10 180312M1_11	Standard	150.000	6.34	28336.648	16481.979	21.491	146.0	-2.6	NO		NO	bb

**Compound name: 13C2-PFHxDA**

Response Factor: 1.03876

RRF SD: 0.117801, Relative SD: 11.3406

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 180312M1_2	Standard	5.000	6.47	8170.738	19100.131	5.347	5.1	3.0	NO		NO	bb
2	2 180312M1_3	Standard	5.000	6.47	7523.804	18763.893	5.012	4.8	-3.5	NO		NO	bb
3	3 180312M1_4	Standard	5.000	6.47	8024.696	19740.344	5.081	4.9	-2.2	NO		NO	bb
4	4 180312M1_5	Standard	5.000	6.47	8637.698	19636.494	5.498	5.3	5.9	NO		NO	bb
5	5 180312M1_6	Standard	5.000	6.47	7558.766	18793.268	5.028	4.8	-3.2	NO		NO	MM
6	6 180312M1_7	Standard	5.000	6.48	7046.849	20941.807	4.206	4.0	-19.0	NO		NO	bb
7	7 180312M1_8	Standard	5.000	6.48	7029.910	15256.215	5.760	5.5	10.9	NO		NO	bb
8	8 180312M1_9	Standard	5.000	6.47	7287.125	20914.525	4.355	4.2	-16.1	NO		NO	MM
9	9 180312M1_10	Standard	5.000	6.48	7842.077	17622.748	5.562	5.4	7.1	NO		NO	bb
10	10 180312M1_11	Standard	5.000	6.47	8026.148	16481.979	6.087	5.9	17.2	NO		NO	bb

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**Compound name: d7-N-MeFOSE**

Response Factor: 0.110376

RRF SD: 0.0106978, Relative SD: 9.69217

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 180312M1_2	Standard	150.000	6.47	24774.002	19100.131	16.213	146.9	-2.1	NO		NO	bb
2	2 180312M1_3	Standard	150.000	6.47	23580.873	18763.893	15.709	142.3	-5.1	NO		NO	bb
3	3 180312M1_4	Standard	150.000	6.47	24304.939	19740.344	15.390	139.4	-7.0	NO		NO	bb
4	4 180312M1_5	Standard	150.000	6.47	24230.301	19636.494	15.424	139.7	-6.8	NO		NO	bb
5	5 180312M1_6	Standard	150.000	6.47	26178.412	18793.268	17.412	157.8	5.2	NO		NO	bb
6	6 180312M1_7	Standard	150.000	6.47	25859.588	20941.807	15.435	139.8	-6.8	NO		NO	MM
7	7 180312M1_8	Standard	150.000	6.47	25293.688	15256.215	20.724	187.8	25.2	NO		NO	MM
8	8 180312M1_9	Standard	150.000	6.47	27255.523	20914.525	16.290	147.6	-1.6	NO		NO	bb
9	9 180312M1_10	Standard	150.000	6.47	22732.188	17622.748	16.124	146.1	-2.6	NO		NO	bb
10	10 180312M1_11	Standard	150.000	6.47	22206.188	16481.979	16.841	152.6	1.7	NO		NO	MM

**Compound name: d9-N-EtFOSE**

Response Factor: 0.107586

RRF SD: 0.0100268, Relative SD: 9.31986

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 180312M1_2	Standard	150.000	6.61	22037.041	19100.131	14.422	134.1	-10.6	NO		NO	bb
2	2 180312M1_3	Standard	150.000	6.61	22710.898	18763.893	15.129	140.6	-6.2	NO		NO	bb
3	3 180312M1_4	Standard	150.000	6.61	22790.275	19740.344	14.431	134.1	-10.6	NO		NO	bb
4	4 180312M1_5	Standard	150.000	6.61	26507.336	19636.494	16.874	156.8	4.6	NO		NO	bb
5	5 180312M1_6	Standard	150.000	6.62	24436.025	18793.268	16.253	151.1	0.7	NO		NO	bb
6	6 180312M1_7	Standard	150.000	6.62	25579.709	20941.807	15.268	141.9	-5.4	NO		NO	bb
7	7 180312M1_8	Standard	150.000	6.61	23590.516	15256.215	19.329	179.7	19.8	NO		NO	MM
8	8 180312M1_9	Standard	150.000	6.61	26373.574	20914.525	15.763	146.5	-2.3	NO		NO	bb
9	9 180312M1_10	Standard	150.000	6.61	24620.906	17622.748	17.464	162.3	8.2	NO		NO	MM
10	10 180312M1_11	Standard	150.000	6.61	21684.006	16481.979	16.445	152.9	1.9	NO		NO	bb

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**Compound name: 13C4-PFBA**

Response Factor: 1

RRF SD: 7.40149e-017, Relative SD: 7.40149e-015

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 180312M1_2	Standard	12.500	1.35	6467.654	6467.654	12.500	12.5	0.0	NO		NO	bb
2	2 180312M1_3	Standard	12.500	1.35	6638.222	6638.222	12.500	12.5	0.0	NO		NO	bb
3	3 180312M1_4	Standard	12.500	1.34	6812.403	6812.403	12.500	12.5	0.0	NO		NO	bb
4	4 180312M1_5	Standard	12.500	1.34	6675.715	6675.715	12.500	12.5	0.0	NO		NO	bb
5	5 180312M1_6	Standard	12.500	1.35	6153.360	6153.360	12.500	12.5	0.0	NO		NO	bb
6	6 180312M1_7	Standard	12.500	1.35	6618.817	6618.817	12.500	12.5	0.0	NO		NO	bb
7	7 180312M1_8	Standard	12.500	1.35	6936.387	6936.387	12.500	12.5	0.0	NO		NO	bb
8	8 180312M1_9	Standard	12.500	1.35	6978.399	6978.399	12.500	12.5	0.0	NO		NO	bb
9	9 180312M1_10	Standard	12.500	1.35	6817.634	6817.634	12.500	12.5	0.0	NO		NO	bb
10	10 180312M1_11	Standard	12.500	1.35	6777.975	6777.975	12.500	12.5	0.0	NO		NO	bb

**Compound name: 13C5-PFHxA**

Response Factor: 1

RRF SD: 1.04673e-016, Relative SD: 1.04673e-014

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 180312M1_2	Standard	12.500	3.09	17759.459	17759.459	12.500	12.5	0.0	NO		NO	bb
2	2 180312M1_3	Standard	12.500	3.09	17839.250	17839.250	12.500	12.5	0.0	NO		NO	bb
3	3 180312M1_4	Standard	12.500	3.09	17719.832	17719.832	12.500	12.5	0.0	NO		NO	bb
4	4 180312M1_5	Standard	12.500	3.09	18005.289	18005.289	12.500	12.5	0.0	NO		NO	bb
5	5 180312M1_6	Standard	12.500	3.09	17270.287	17270.287	12.500	12.5	0.0	NO		NO	bb
6	6 180312M1_7	Standard	12.500	3.09	18295.832	18295.832	12.500	12.5	0.0	NO		NO	bb
7	7 180312M1_8	Standard	12.500	3.09	17438.857	17438.857	12.500	12.5	0.0	NO		NO	bb
8	8 180312M1_9	Standard	12.500	3.09	17371.395	17371.395	12.500	12.5	0.0	NO		NO	bb
9	9 180312M1_10	Standard	12.500	3.09	16605.947	16605.947	12.500	12.5	0.0	NO		NO	bb
10	10 180312M1_11	Standard	12.500	3.09	15237.007	15237.007	12.500	12.5	0.0	NO		NO	bb



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**Compound name: 13C3-PFHxS**

Response Factor: 1

RRF SD: 3.70074e-017, Relative SD: 3.70074e-015

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 180312M1_2	Standard	12.500	3.85	3420.578	3420.578	12.500	12.5	0.0	NO		NO	bb
2	2 180312M1_3	Standard	12.500	3.85	3538.299	3538.299	12.500	12.5	0.0	NO		NO	bb
3	3 180312M1_4	Standard	12.500	3.85	3586.301	3586.301	12.500	12.5	0.0	NO		NO	bb
4	4 180312M1_5	Standard	12.500	3.85	3706.479	3706.479	12.500	12.5	0.0	NO		NO	bb
5	5 180312M1_6	Standard	12.500	3.85	3727.271	3727.271	12.500	12.5	0.0	NO		NO	bb
6	6 180312M1_7	Standard	12.500	3.85	3343.558	3343.558	12.500	12.5	0.0	NO		NO	bb
7	7 180312M1_8	Standard	12.500	3.85	3511.139	3511.139	12.500	12.5	0.0	NO		NO	bb
8	8 180312M1_9	Standard	12.500	3.85	3346.531	3346.531	12.500	12.5	0.0	NO		NO	bb
9	9 180312M1_10	Standard	12.500	3.86	2980.989	2980.989	12.500	12.5	0.0	NO		NO	bb
10	10 180312M1_11	Standard	12.500	3.85	3149.275	3149.275	12.500	12.5	0.0	NO		NO	bb

**Compound name: 13C8-PFOA**

Response Factor: 1

RRF SD: 5.23364e-017, Relative SD: 5.23364e-015

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 180312M1_2	Standard	12.500	4.22	15895.362	15895.362	12.500	12.5	0.0	NO		NO	bb
2	2 180312M1_3	Standard	12.500	4.22	18259.000	18259.000	12.500	12.5	0.0	NO		NO	bb
3	3 180312M1_4	Standard	12.500	4.23	16393.129	16393.129	12.500	12.5	0.0	NO		NO	bb
4	4 180312M1_5	Standard	12.500	4.23	18033.326	18033.326	12.500	12.5	0.0	NO		NO	bb
5	5 180312M1_6	Standard	12.500	4.23	18338.291	18338.291	12.500	12.5	0.0	NO		NO	bb
6	6 180312M1_7	Standard	12.500	4.23	18188.945	18188.945	12.500	12.5	0.0	NO		NO	bb
7	7 180312M1_8	Standard	12.500	4.23	16741.260	16741.260	12.500	12.5	0.0	NO		NO	bb
8	8 180312M1_9	Standard	12.500	4.23	17718.820	17718.820	12.500	12.5	0.0	NO		NO	bb
9	9 180312M1_10	Standard	12.500	4.23	15568.950	15568.950	12.500	12.5	0.0	NO		NO	bb
10	10 180312M1_11	Standard	12.500	4.23	16153.714	16153.714	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:35:55 Pacific Daylight Time

**Compound name: 13C9-PFNA**

Response Factor: 1

RRF SD: 7.40149e-017, Relative SD: 7.40149e-015

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 180312M1_2	Standard	12.500	4.67	17720.727	17720.727	12.500	12.5	0.0	NO		NO	bb
2	2 180312M1_3	Standard	12.500	4.66	18232.664	18232.664	12.500	12.5	0.0	NO		NO	bb
3	3 180312M1_4	Standard	12.500	4.67	18577.332	18577.332	12.500	12.5	0.0	NO		NO	bb
4	4 180312M1_5	Standard	12.500	4.67	19422.037	19422.037	12.500	12.5	0.0	NO		NO	bb
5	5 180312M1_6	Standard	12.500	4.67	17020.988	17020.988	12.500	12.5	0.0	NO		NO	bb
6	6 180312M1_7	Standard	12.500	4.67	19383.266	19383.266	12.500	12.5	0.0	NO		NO	bb
7	7 180312M1_8	Standard	12.500	4.67	19746.689	19746.689	12.500	12.5	0.0	NO		NO	bb
8	8 180312M1_9	Standard	12.500	4.66	21616.039	21616.039	12.500	12.5	0.0	NO		NO	bb
9	9 180312M1_10	Standard	12.500	4.67	17500.607	17500.607	12.500	12.5	0.0	NO		NO	bb
10	10 180312M1_11	Standard	12.500	4.67	16786.824	16786.824	12.500	12.5	0.0	NO		NO	bb

**Compound name: 13C4-PFOS**

Response Factor: 1

RRF SD: 3.70074e-017, Relative SD: 3.70074e-015

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 180312M1_2	Standard	12.500	4.75	3611.693	3611.693	12.500	12.5	0.0	NO		NO	bb
2	2 180312M1_3	Standard	12.500	4.75	3781.295	3781.295	12.500	12.5	0.0	NO		NO	bb
3	3 180312M1_4	Standard	12.500	4.75	3737.690	3737.690	12.500	12.5	0.0	NO		NO	bb
4	4 180312M1_5	Standard	12.500	4.75	4081.822	4081.822	12.500	12.5	0.0	NO		NO	bb
5	5 180312M1_6	Standard	12.500	4.75	3352.432	3352.432	12.500	12.5	0.0	NO		NO	bb
6	6 180312M1_7	Standard	12.500	4.75	3584.156	3584.156	12.500	12.5	0.0	NO		NO	bb
7	7 180312M1_8	Standard	12.500	4.75	4002.826	4002.826	12.500	12.5	0.0	NO		NO	bb
8	8 180312M1_9	Standard	12.500	4.75	4083.302	4083.302	12.500	12.5	0.0	NO		NO	bb
9	9 180312M1_10	Standard	12.500	4.75	3434.205	3434.205	12.500	12.5	0.0	NO		NO	bb
10	10 180312M1_11	Standard	12.500	4.75	3167.294	3167.294	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:35:55 Pacific Daylight Time

**Compound name: 13C6-PFDA**

Response Factor: 1

RRF SD: 7.40149e-017, Relative SD: 7.40149e-015

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 180312M1_2	Standard	12.500	5.04	18022.652	18022.652	12.500	12.5	0.0	NO		NO	bb
2	2 180312M1_3	Standard	12.500	5.04	16886.383	16886.383	12.500	12.5	0.0	NO		NO	bb
3	3 180312M1_4	Standard	12.500	5.04	16800.965	16800.965	12.500	12.5	0.0	NO		NO	bb
4	4 180312M1_5	Standard	12.500	5.04	17734.932	17734.932	12.500	12.5	0.0	NO		NO	bb
5	5 180312M1_6	Standard	12.500	5.04	19368.000	19368.000	12.500	12.5	0.0	NO		NO	bb
6	6 180312M1_7	Standard	12.500	5.04	15555.635	15555.635	12.500	12.5	0.0	NO		NO	bb
7	7 180312M1_8	Standard	12.500	5.04	14772.854	14772.854	12.500	12.5	0.0	NO		NO	bb
8	8 180312M1_9	Standard	12.500	5.04	16775.291	16775.291	12.500	12.5	0.0	NO		NO	bb
9	9 180312M1_10	Standard	12.500	5.05	14001.004	14001.004	12.500	12.5	0.0	NO		NO	bb
10	10 180312M1_11	Standard	12.500	5.05	14729.349	14729.349	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 180312M1_2	Standard	12.500	5.36	19100.131	19100.131	12.500	12.5	0.0	NO		NO	bb
2	2 180312M1_3	Standard	12.500	5.36	18763.893	18763.893	12.500	12.5	0.0	NO		NO	bb
3	3 180312M1_4	Standard	12.500	5.36	19740.344	19740.344	12.500	12.5	0.0	NO		NO	bb
4	4 180312M1_5	Standard	12.500	5.36	19636.494	19636.494	12.500	12.5	0.0	NO		NO	bb
5	5 180312M1_6	Standard	12.500	5.36	18793.268	18793.268	12.500	12.5	0.0	NO		NO	bb
6	6 180312M1_7	Standard	12.500	5.36	20941.807	20941.807	12.500	12.5	0.0	NO		NO	bb
7	7 180312M1_8	Standard	12.500	5.36	15256.215	15256.215	12.500	12.5	0.0	NO		NO	bb
8	8 180312M1_9	Standard	12.500	5.36	20914.525	20914.525	12.500	12.5	0.0	NO		NO	bb
9	9 180312M1_10	Standard	12.500	5.37	17622.748	17622.748	12.500	12.5	0.0	NO		NO	bb
10	10 180312M1_11	Standard	12.500	5.37	16481.979	16481.979	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 16:12:03 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 16:14:15 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

Name: 180312M1\_2, Date: 12-Mar-2018, Time: 21:49:37, ID: ST180312M1-1 PFC CS-2 18B2813, Description: PFC CS-2 18B2813

	# Name	IS#	CoD	CoD Flag	%RSD
1	1 PFBA	34	0.9993	NO	
2	2 PFPeA	35	0.9995	NO	
3	3 PFBS	36	0.9994	NO	
4	4 4:2 FTS	36	0.9993	NO	
5	5 PFHxA	37	0.9999	NO	
6	6 PFPeS	36	0.9991	NO	
7	7 PFHpA	38	0.9984	NO	
8	8 L-PFHxS	39	0.9994	NO	
9	10 6:2 FTS	40	0.9961	NO	
10	11 L-PFOA	41	0.9972	NO	
11	13 PFHpS	41	0.9985	NO	
12	14 PFNA	42	0.9971	NO	
13	15 PFOSA	43	0.9982	NO	
14	16 L-PFOS	44	0.9969	NO	
15	18 PFDA	45	0.9989	NO	
16	19 8:2 FTS	46	0.9966	NO	
17	20 PFNS	44	0.9997	NO	
18	21 N-MeFOSAA	47	0.9996	NO	
19	22 N-EtFOSAA	48	0.9990	NO	
20	23 PFUdA	49	0.9985	NO	
21	24 PFDS	49	0.9982	NO	
22	25 PFDaA	50	0.9878	NO	
23	26 N-MeFOSA	51	0.9999	NO	
24	27 PFTTrDA	50	0.9991	NO	
25	28 PFTeDA	52	0.9955	NO	
26	29 N-EtFOSA	53	0.9998	NO	
27	30 PFHxDA	54	0.9993	NO	
28	31 PFODA	54	0.9968	NO	
29	32 N-MeFOSE	55	0.9983	NO	
30	33 N-EtFOSE	56	0.9983	NO	
31	34 13C3-PFBA	57		NO	3.809

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 16:12:03 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 16:14:15 Pacific Daylight Time

Name: 180312M1\_2, Date: 12-Mar-2018, Time: 21:49:37, ID: ST180312M1-1 PFC CS-2 18B2813, Description: PFC CS-2 18B2813

	# Name	IS#	CoD	CoD Flag	%RSD
32	35 13C3-PFPeA	58		NO	4.230
33	36 13C3-PFBS	58		NO	4.770
34	37 13C2-PFHxA	58		NO	5.565
35	38 13C4-PFHpA	58		NO	4.091
36	39 18O2-PFHxS	59		NO	4.695
37	40 13C2-6:2 FTS	60		NO	11.546
38	41 13C2-PFOA	60		NO	5.409
39	42 13C5-PFNA	61		NO	9.323
40	43 13C8-PFOA	64		NO	8.712
41	44 13C8-PFOS	62		NO	8.423
42	45 13C2-PFDA	63		NO	8.390
43	46 13C2-8:2 FTS	58		NO	12.866
44	47 d3-N-MeFOSAA	64		NO	9.661
45	48 d5-N-EtFOSAA	64		NO	12.273
46	49 13C2-PFUdA	64		NO	16.508
47	50 13C2-PFDoA	64		NO	9.938
48	51 d3-N-MeFOSA	64		NO	12.080
49	52 13C2-PFTeDA	64		NO	15.624
50	53 d5-N-ETFOSA	64		NO	9.364
51	54 13C2-PFHxDA	64		NO	11.341
52	55 d7-N-MeFOSE	64		NO	9.692
53	56 d9-N-EtFOSE	64		NO	9.320
54	57 13C4-PFBA	57		NO	0.000
55	58 13C5-PFHxA	58		NO	0.000
56	59 13C3-PFHxS	59		NO	0.000
57	60 13C8-PFOA	60		NO	0.000
58	61 13C9-PFNA	61		NO	0.000
59	62 13C4-PFOS	62		NO	0.000
60	63 13C6-PFDA	63		NO	0.000
61	64 13C7-PFUdA	64		NO	0.000

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Tuesday, March 13, 2018 15:49:29 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:49:59 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 15:31:22

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180312M1_1	IPA	12-Mar-18	21:38:14
2	180312M1_2	ST180312M1-1 PFC CS-2 18B2813	12-Mar-18	21:49:37
3	180312M1_3	ST180312M1-2 PFC CS-1 18B2814	12-Mar-18	22:01:04
4	180312M1_4	ST180312M1-3 PFC CS0 18B2815	12-Mar-18	22:12:32
5	180312M1_5	ST180312M1-4 PFC CS1 18B2816	12-Mar-18	22:23:59
6	180312M1_6	ST180312M1-5 PFC CS2 18B2817	12-Mar-18	22:35:25
7	180312M1_7	ST180312M1-6 PFC CS3 18B2818	12-Mar-18	22:46:55
8	180312M1_8	ST180312M1-7 PFC CS4 18B2819	12-Mar-18	22:58:24
9	180312M1_9	ST180312M1-8 PFC CS5 18B2820	12-Mar-18	23:09:53
10	180312M1_10	ST180312M1-9 PFC CS6 18B2821	12-Mar-18	23:21:20
11	180312M1_11	ST180312M1-10 PFC CS7 18B2822	12-Mar-18	23:32:47
12	180312M1_12	IPA	12-Mar-18	23:44:14
13	180312M1_13	ICV180312M1-1 PFC ICV 18B2812	12-Mar-18	23:55:44
14	180312M1_14	IPA	13-Mar-18	00:07:14

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 15:31:22

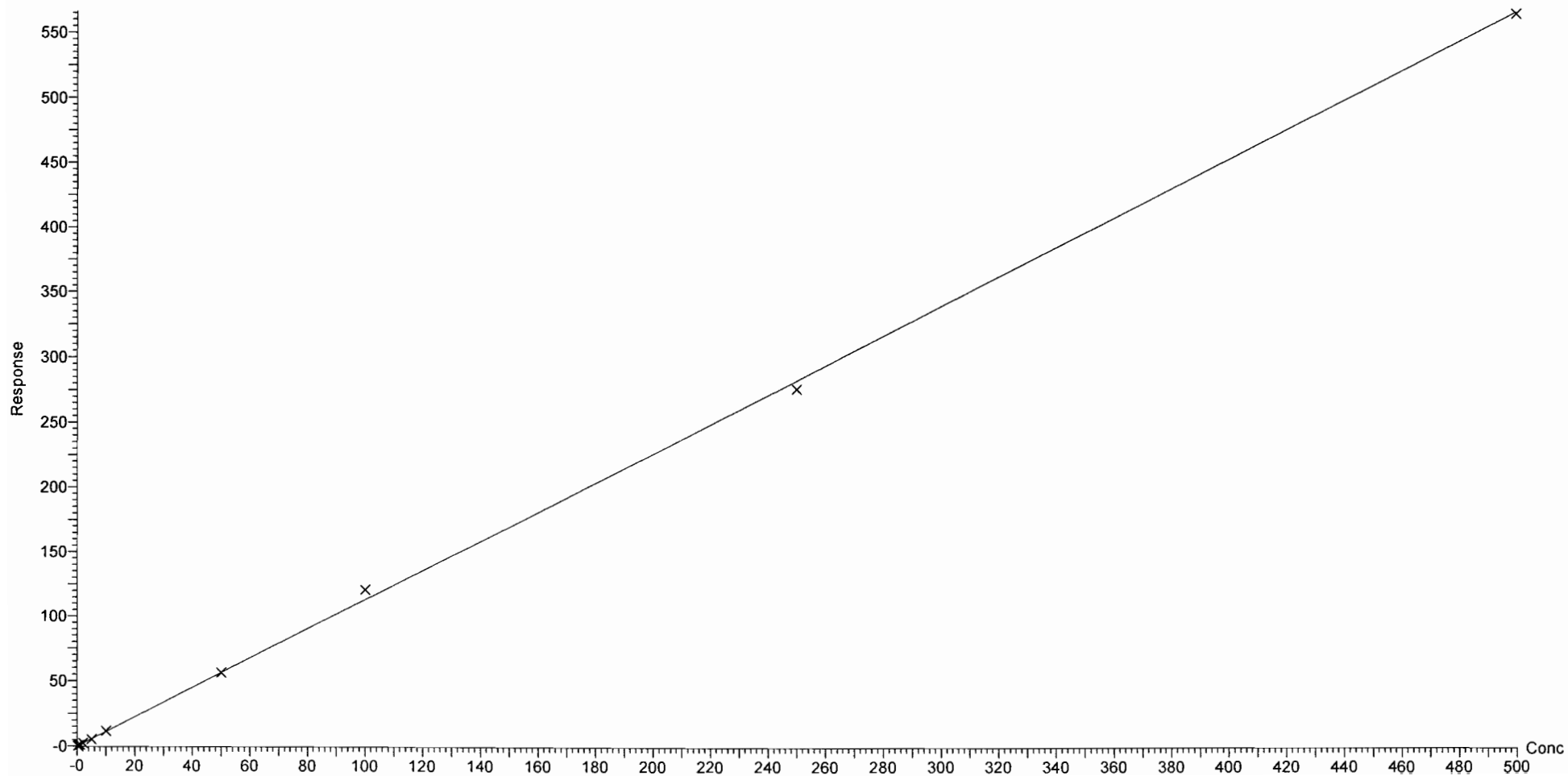
Compound name: PFBA

Correlation coefficient:  $r = 0.999640$ ,  $r^2 = 0.999279$

Calibration curve:  $1.13184 * x + -0.0215098$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

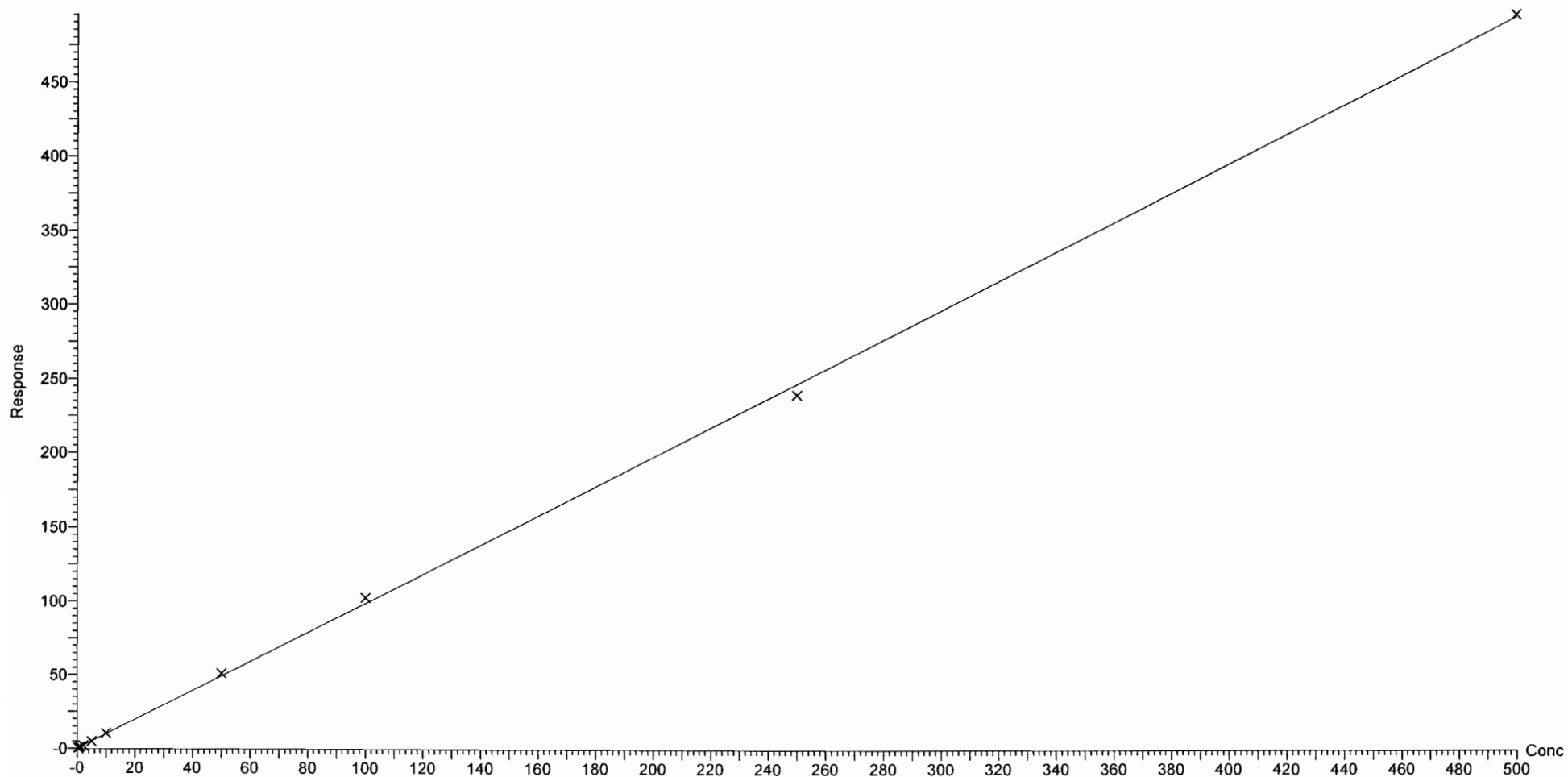
Compound name: PFPeA

Correlation coefficient:  $r = 0.999734$ ,  $r^2 = 0.999469$

Calibration curve:  $0.987868 * x + -0.0127029$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

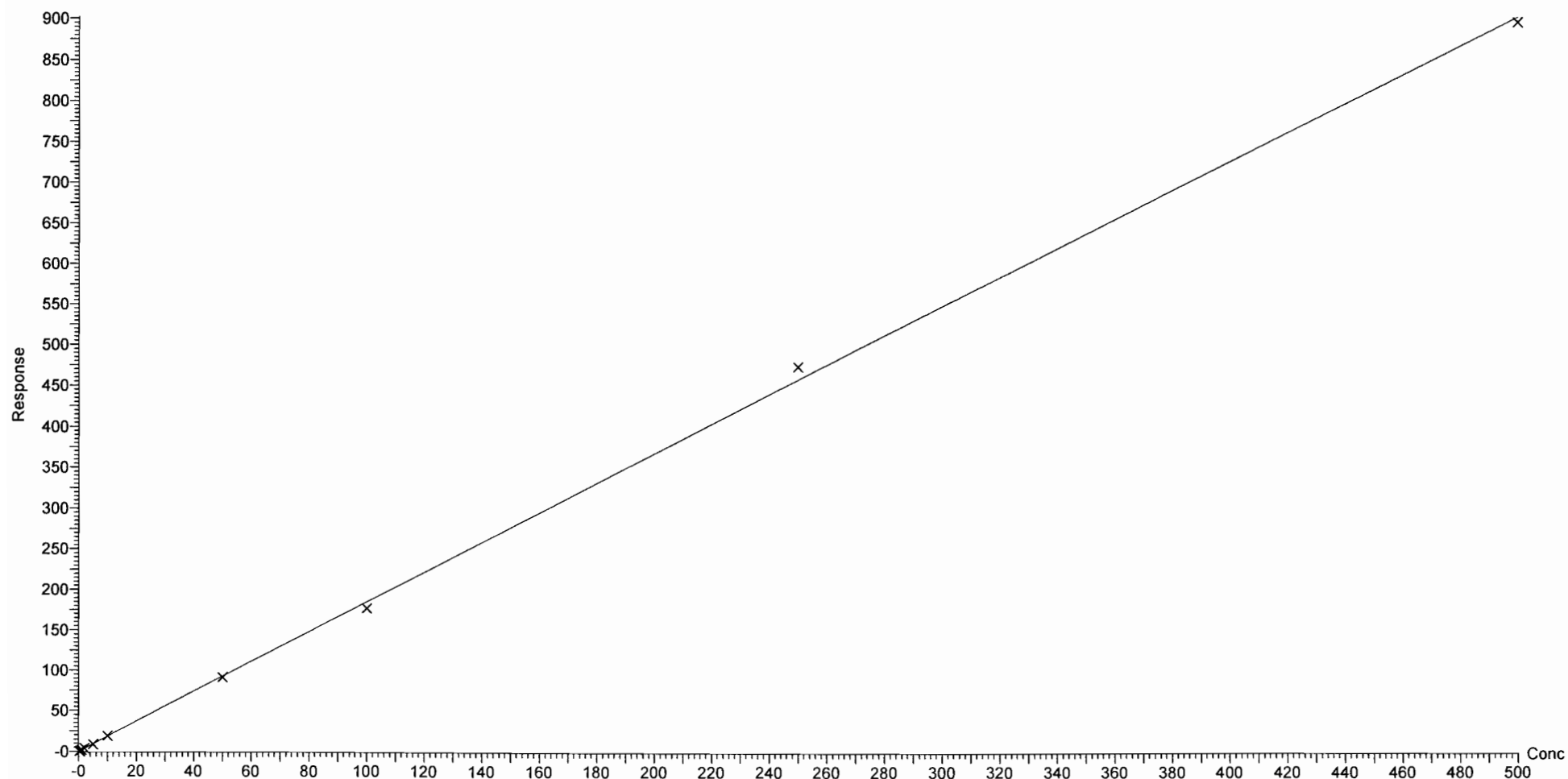
Compound name: PFBS

Coefficient of Determination:  $R^2 = 0.999365$

Calibration curve:  $-0.000122185 * x^2 + 1.86475 * x + -0.0195152$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

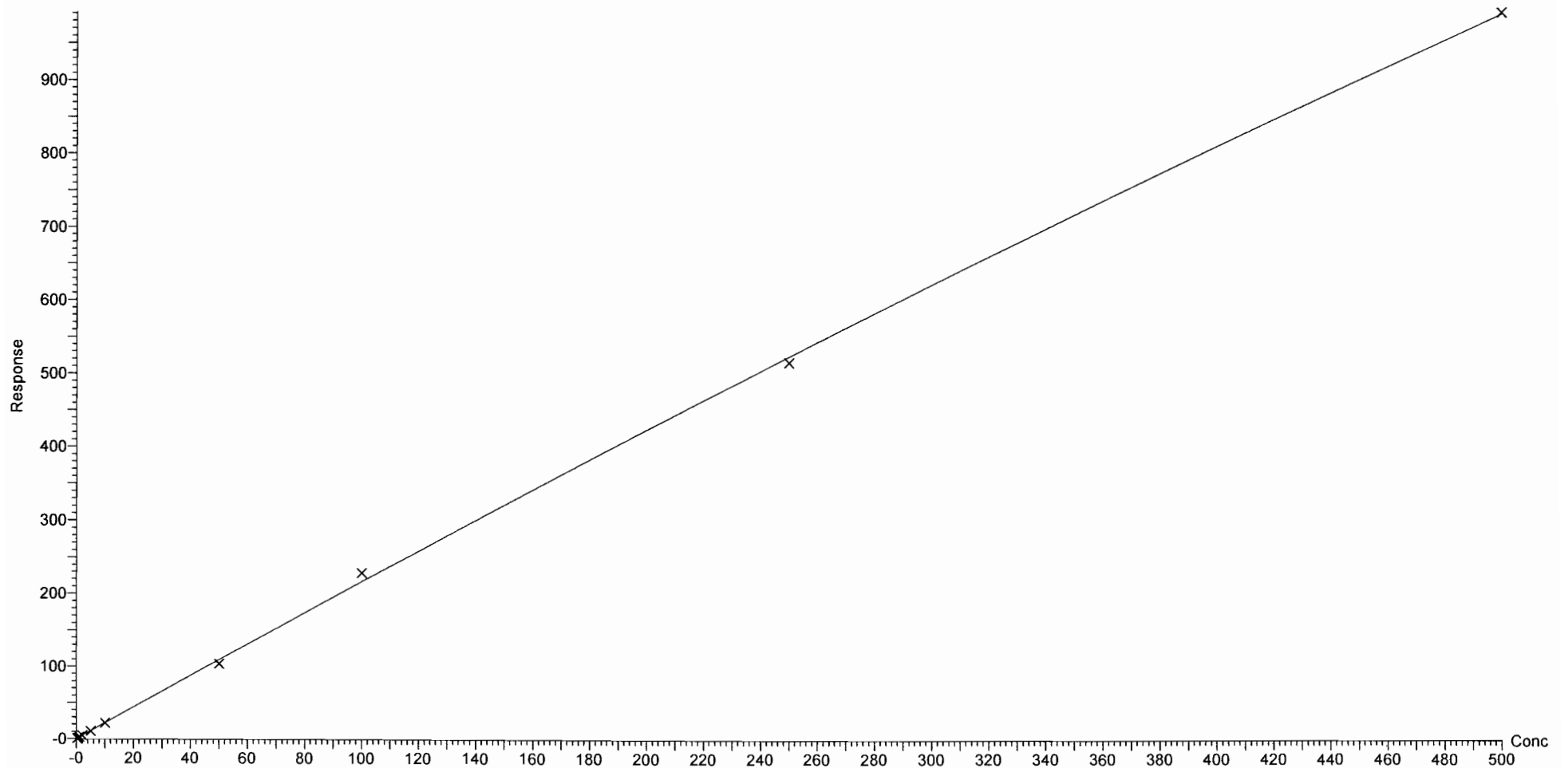
Compound name: 4:2 FTS

Coefficient of Determination:  $R^2 = 0.999323$

Calibration curve:  $-0.000469649 * x^2 + 2.21307 * x + 0.0625565$

Response type: Internal Std ( Ref 36 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

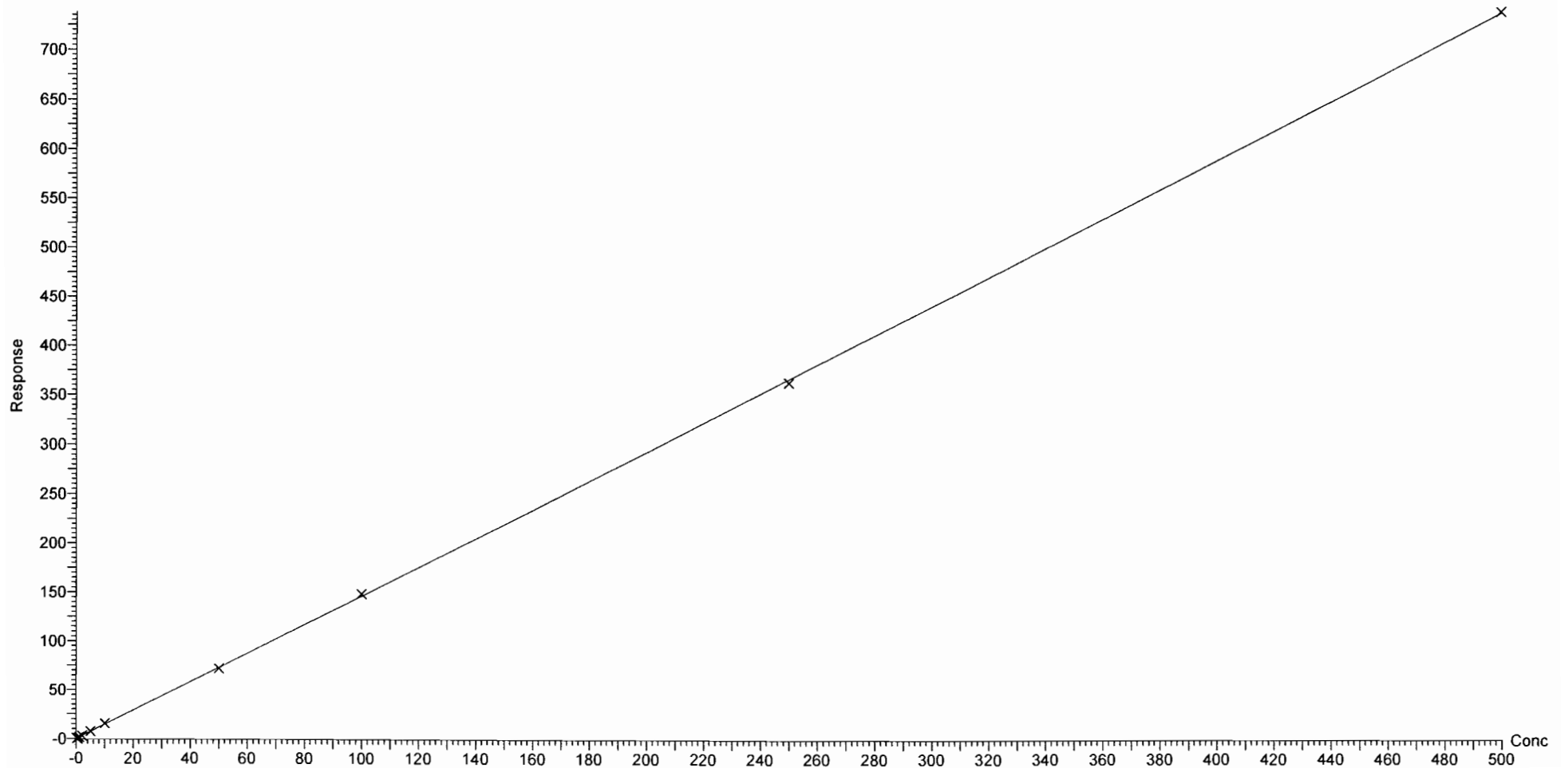


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

Compound name: PFHxA  
Coefficient of Determination:  $R^2 = 0.999902$   
Calibration curve:  $3.07438e-005 * x^2 + 1.45761 * x + 0.0155492$   
Response type: Internal Std ( Ref 37 ), Area \* ( IS Conc. / IS Area )  
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

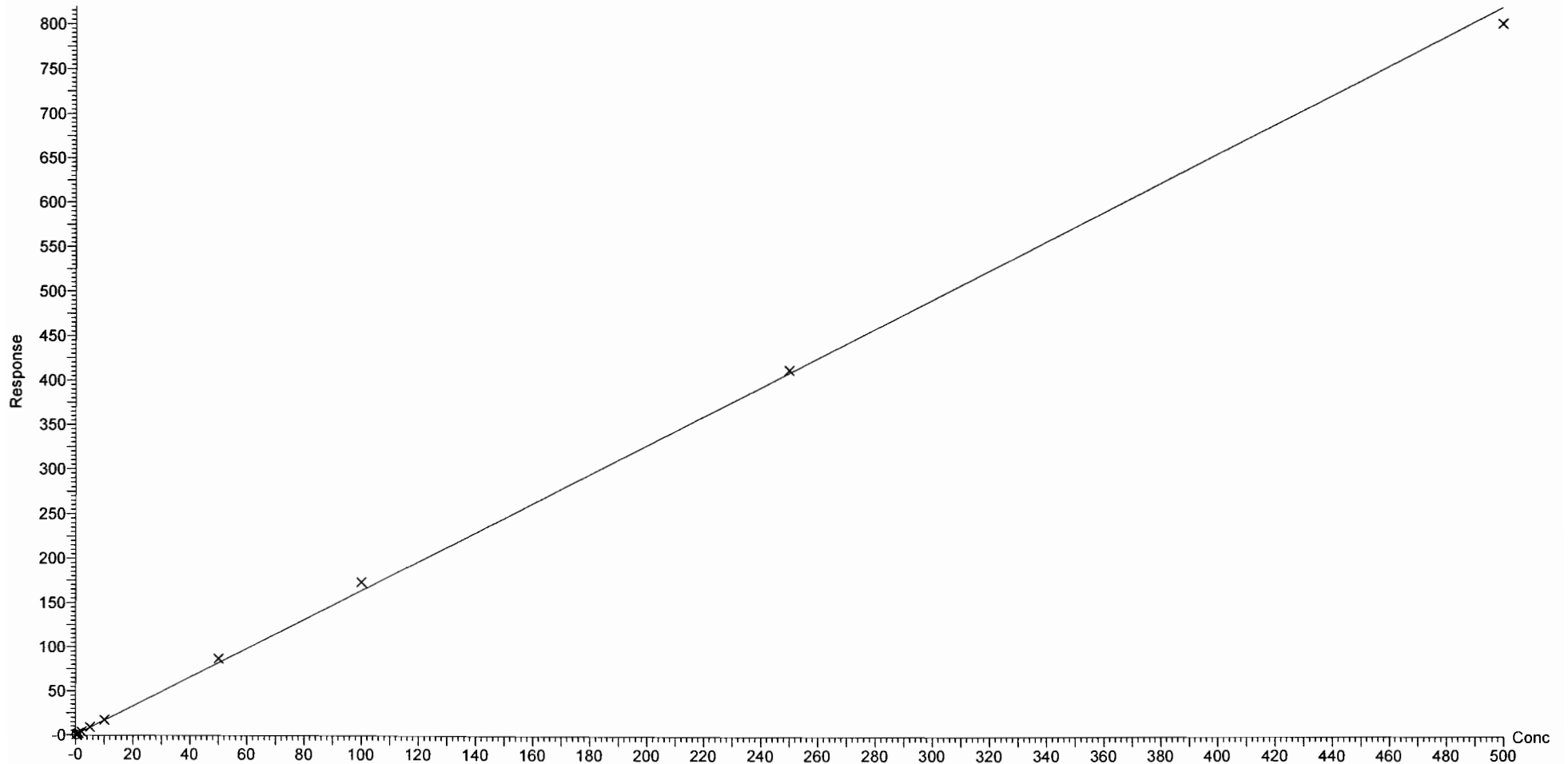
Compound name: PFPeS

Correlation coefficient:  $r = 0.999556$ ,  $r^2 = 0.999113$

Calibration curve:  $1.63778 * x + 0.343022$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

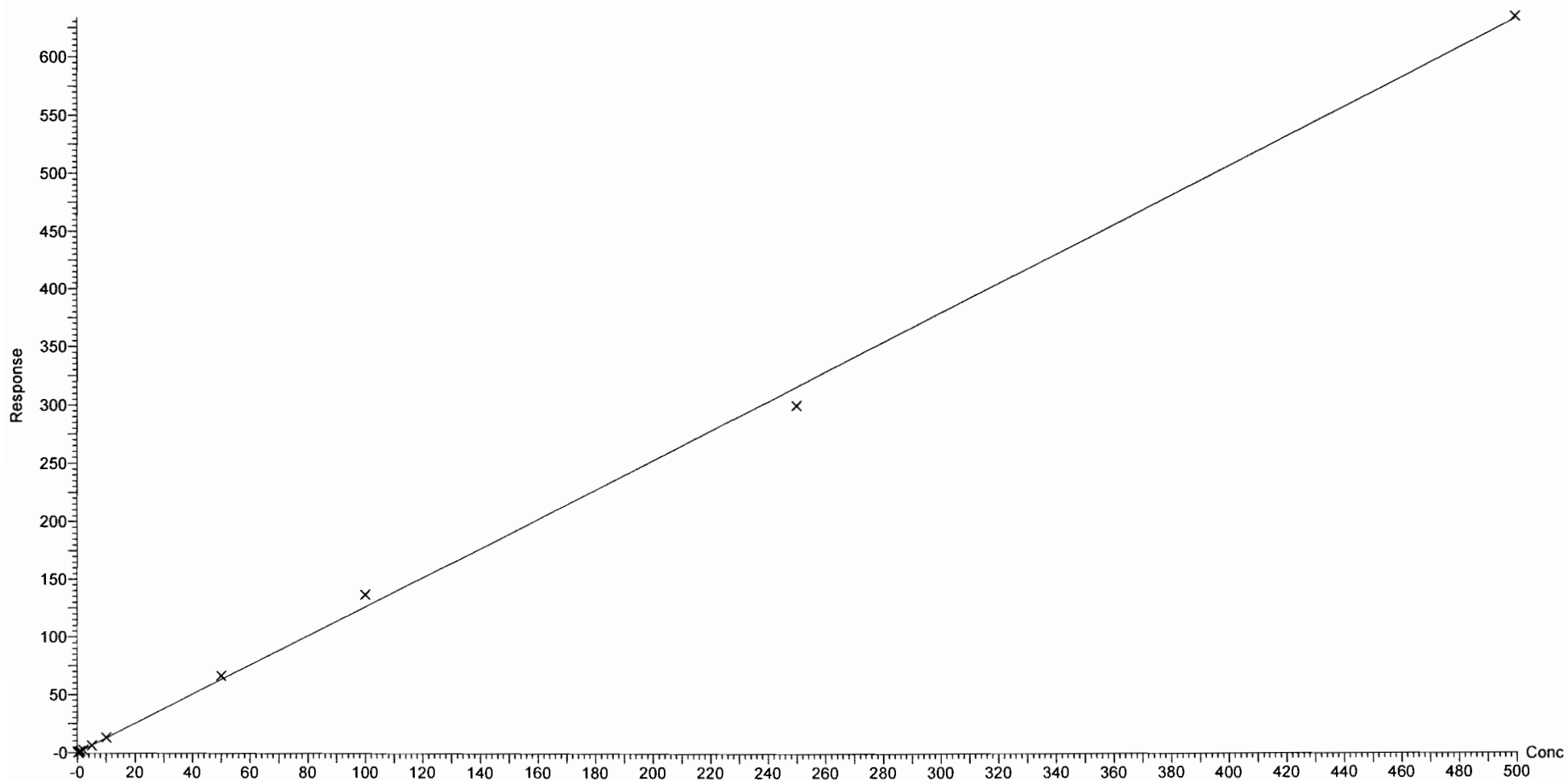
Compound name: PFHpA

Correlation coefficient:  $r = 0.999200$ ,  $r^2 = 0.998400$

Calibration curve:  $1.26316 * x + 0.0228836$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

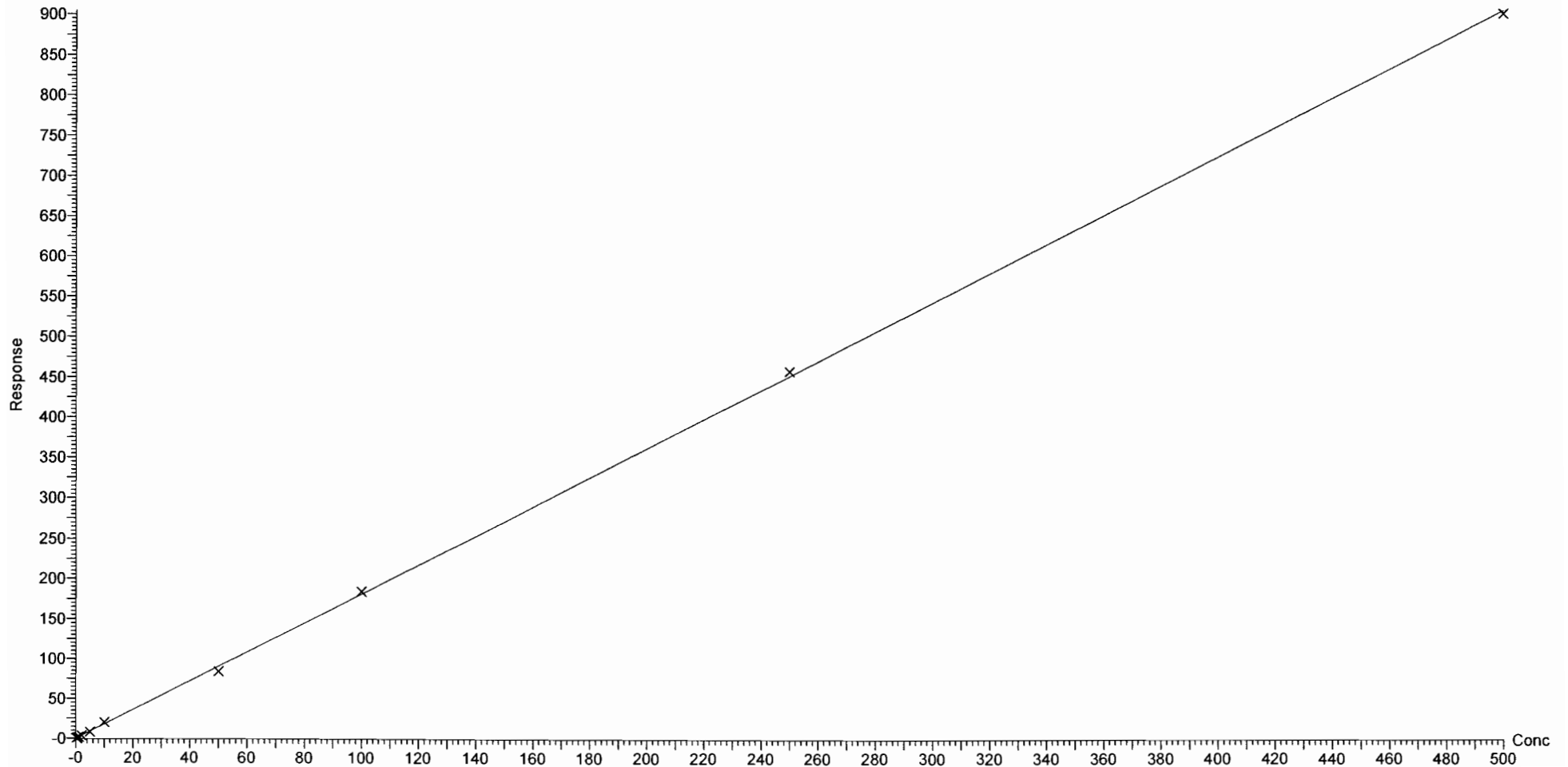
Compound name: L-PFHxS

Correlation coefficient:  $r = 0.999692$ ,  $r^2 = 0.999384$

Calibration curve:  $1.80911 * x + -0.0559422$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

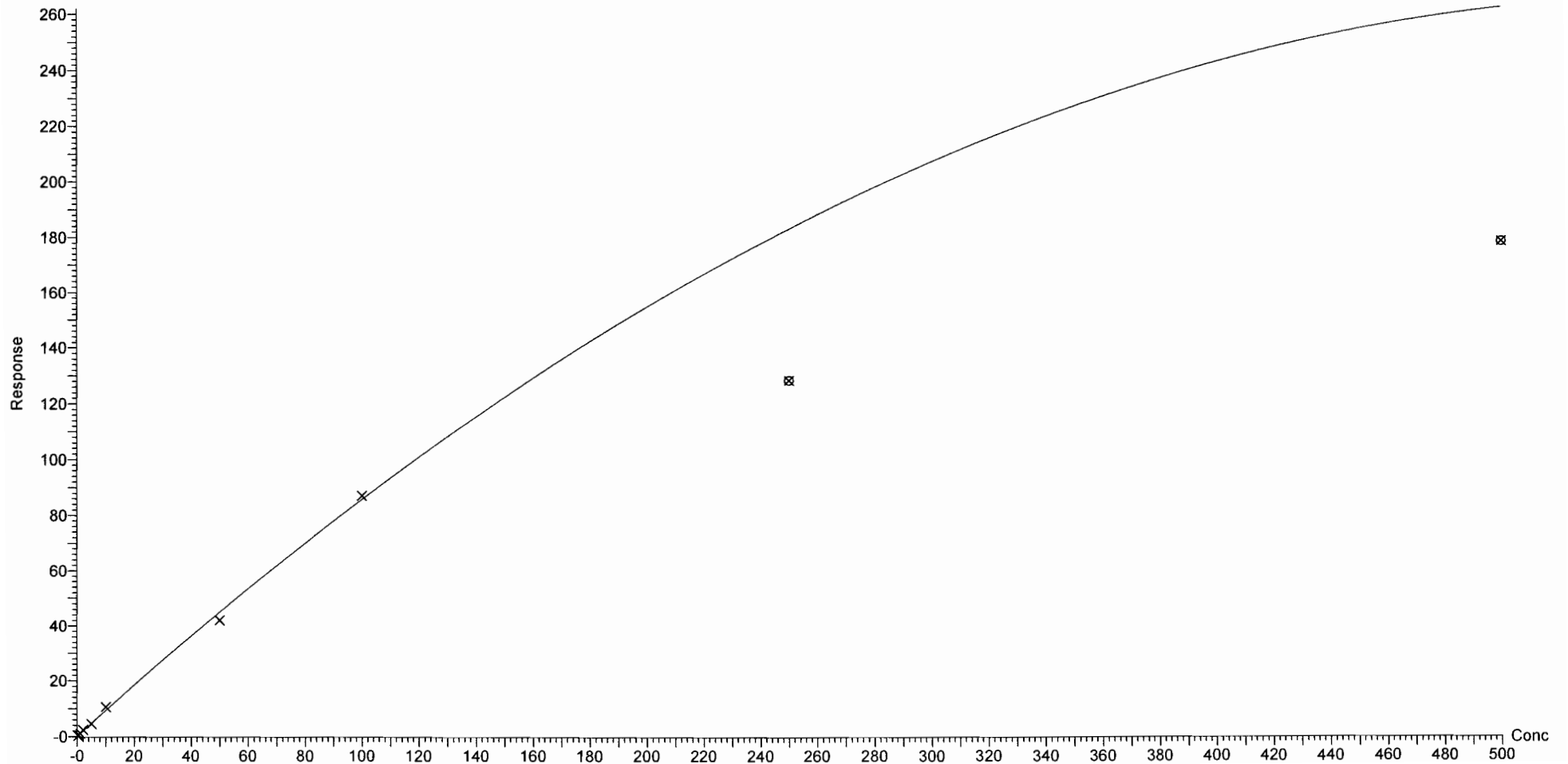
Compound name: 6:2 FTS

Coefficient of Determination:  $R^2 = 0.996091$

Calibration curve:  $-0.000832947 * x^2 + 0.940073 * x + 0.0636481$

Response type: Internal Std ( Ref 40 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

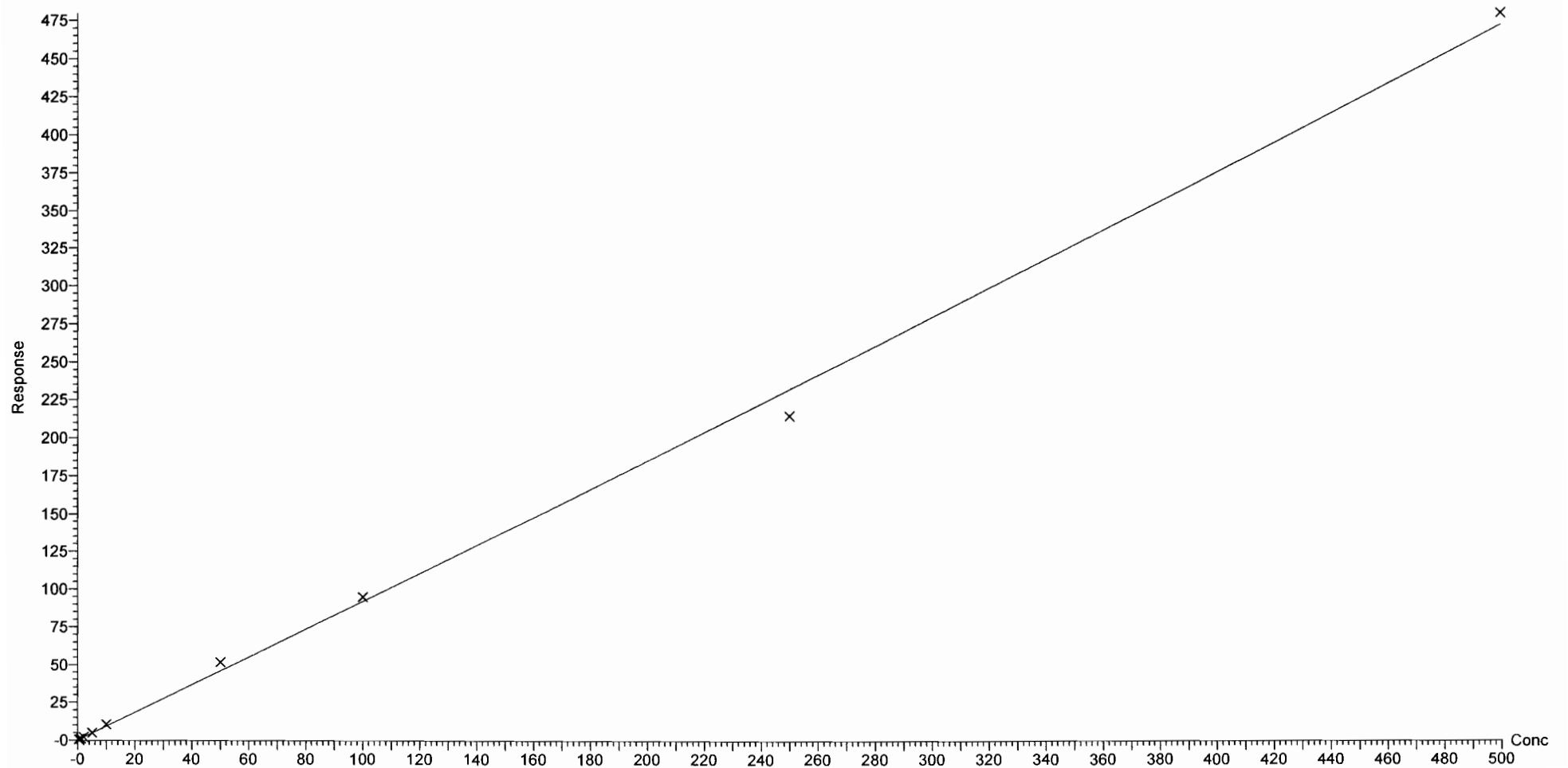
Compound name: L-PFOA

Coefficient of Determination:  $R^2 = 0.997213$

Calibration curve:  $6.24087e-005 * x^2 + 0.91254 * x + 0.107709$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 16:12:03 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 16:12:29 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 16:12:03

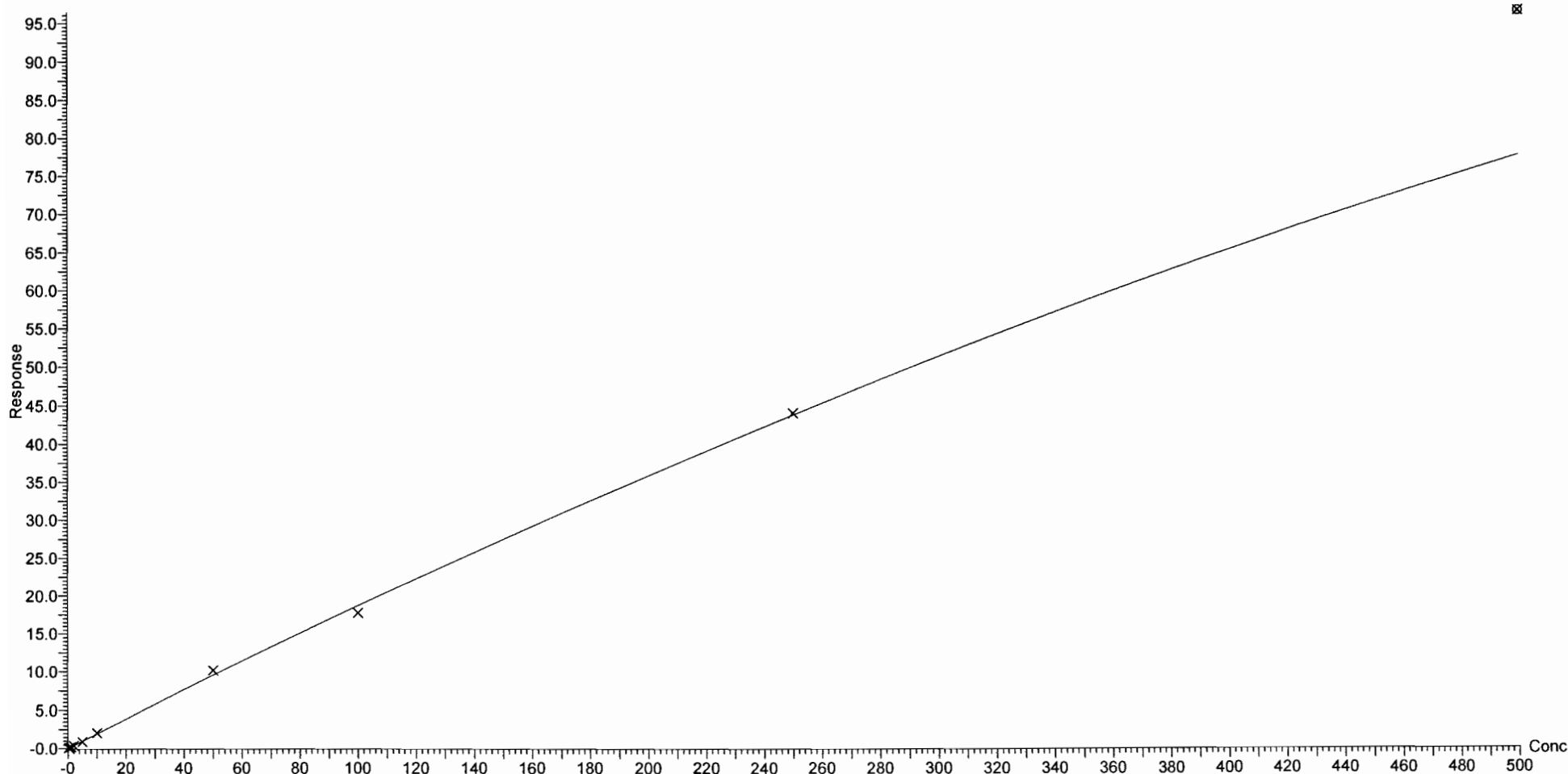
Compound name: PFHpS

Coefficient of Determination:  $R^2 = 0.998480$

Calibration curve:  $-8.04551e-005 * x^2 + 0.195384 * x + -0.0014627$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

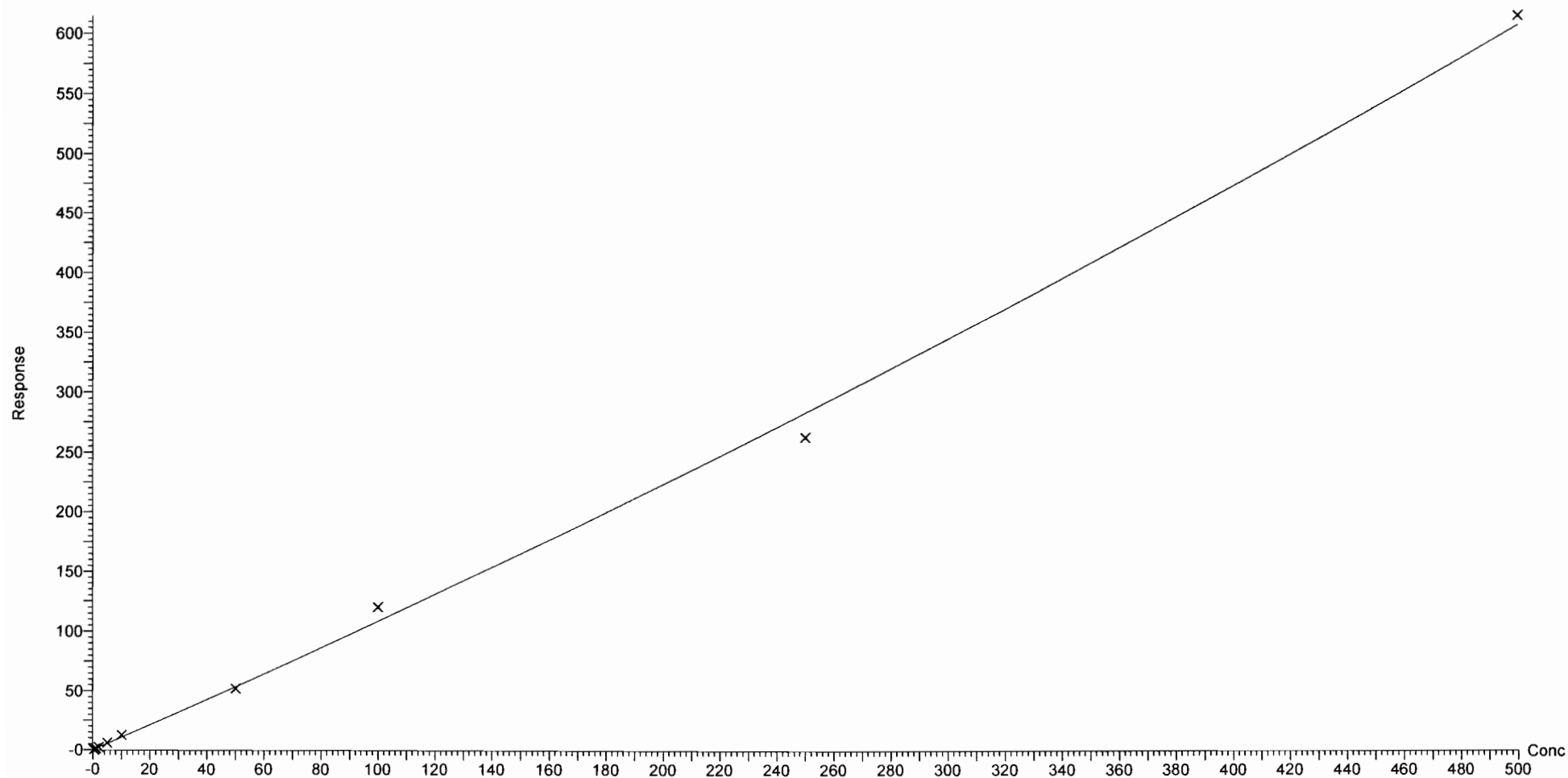
Compound name: PFNA

Coefficient of Determination:  $R^2 = 0.997055$

Calibration curve:  $0.00031919 \cdot x^2 + 1.05375 \cdot x + 0.0698422$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

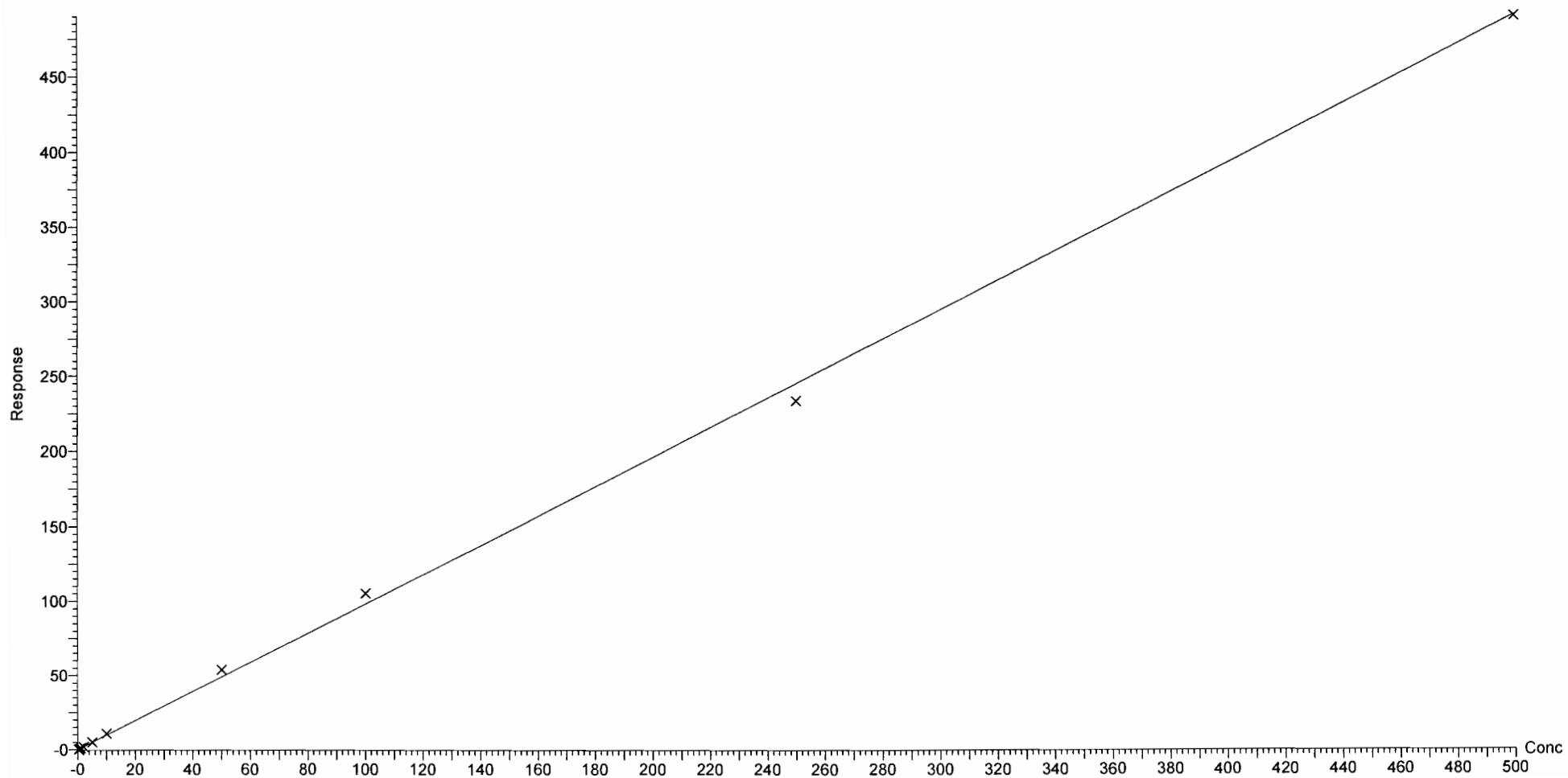
Compound name: PFOSA

Correlation coefficient:  $r = 0.999106$ ,  $r^2 = 0.998213$

Calibration curve:  $0.980222 * x + 0.0445498$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

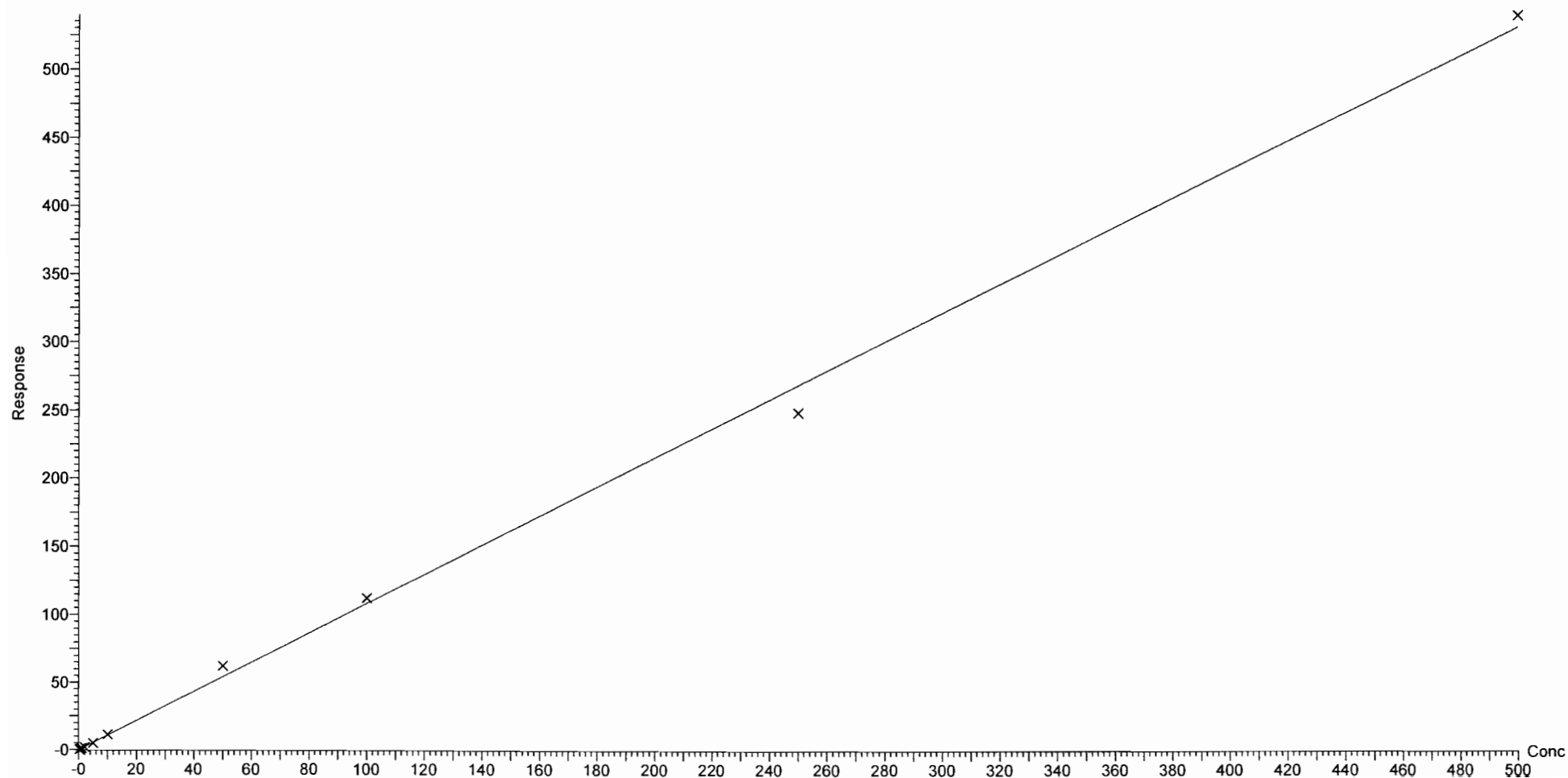
Compound name: L-PFOS

Coefficient of Determination:  $R^2 = 0.996860$

Calibration curve:  $-5.54884e-005 * x^2 + 1.08909 * x + 0.00886622$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

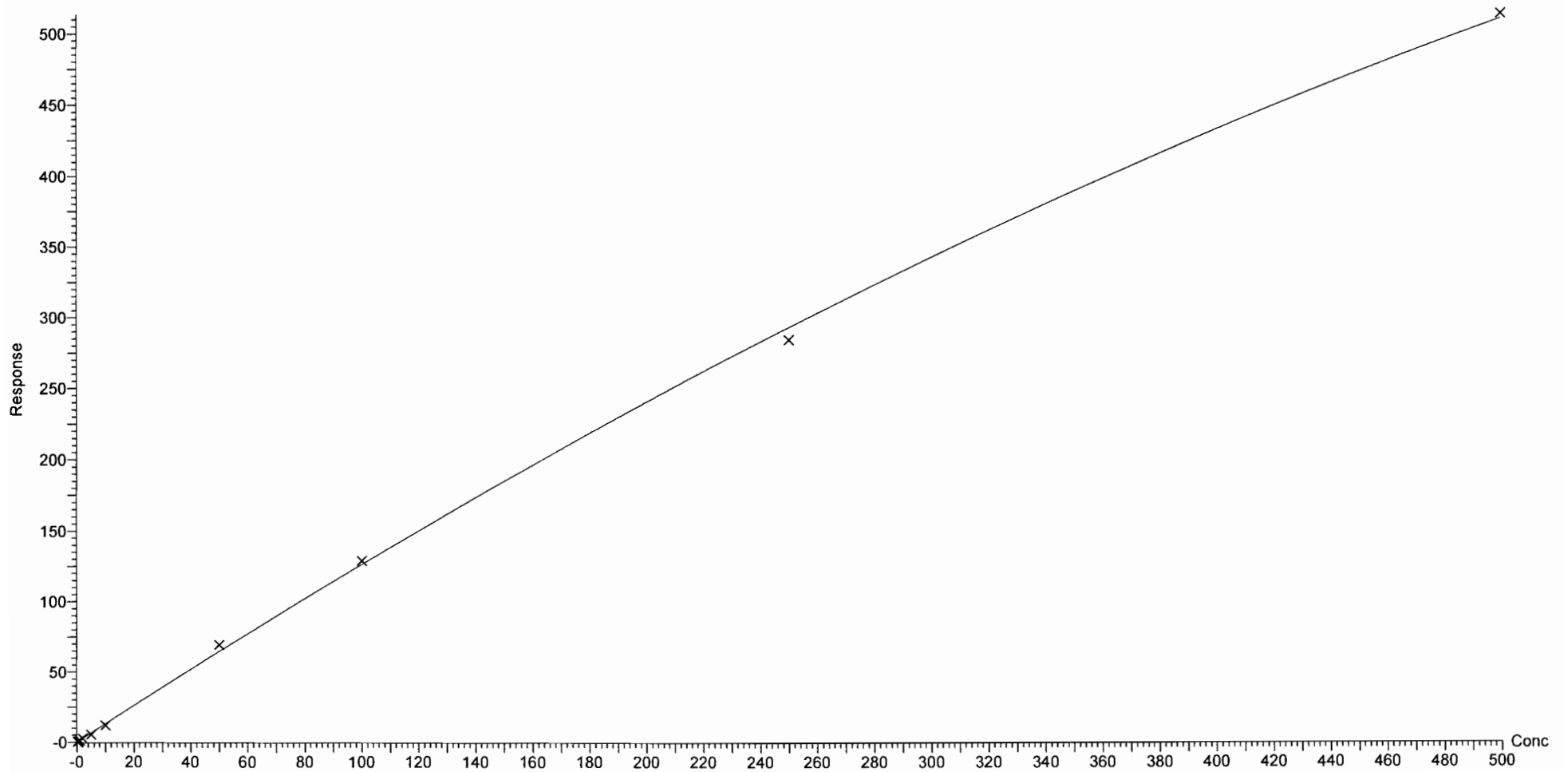
Compound name: PFDA

Coefficient of Determination:  $R^2 = 0.998896$

Calibration curve:  $-0.000612553 * x^2 + 1.32592 * x + -0.0172288$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

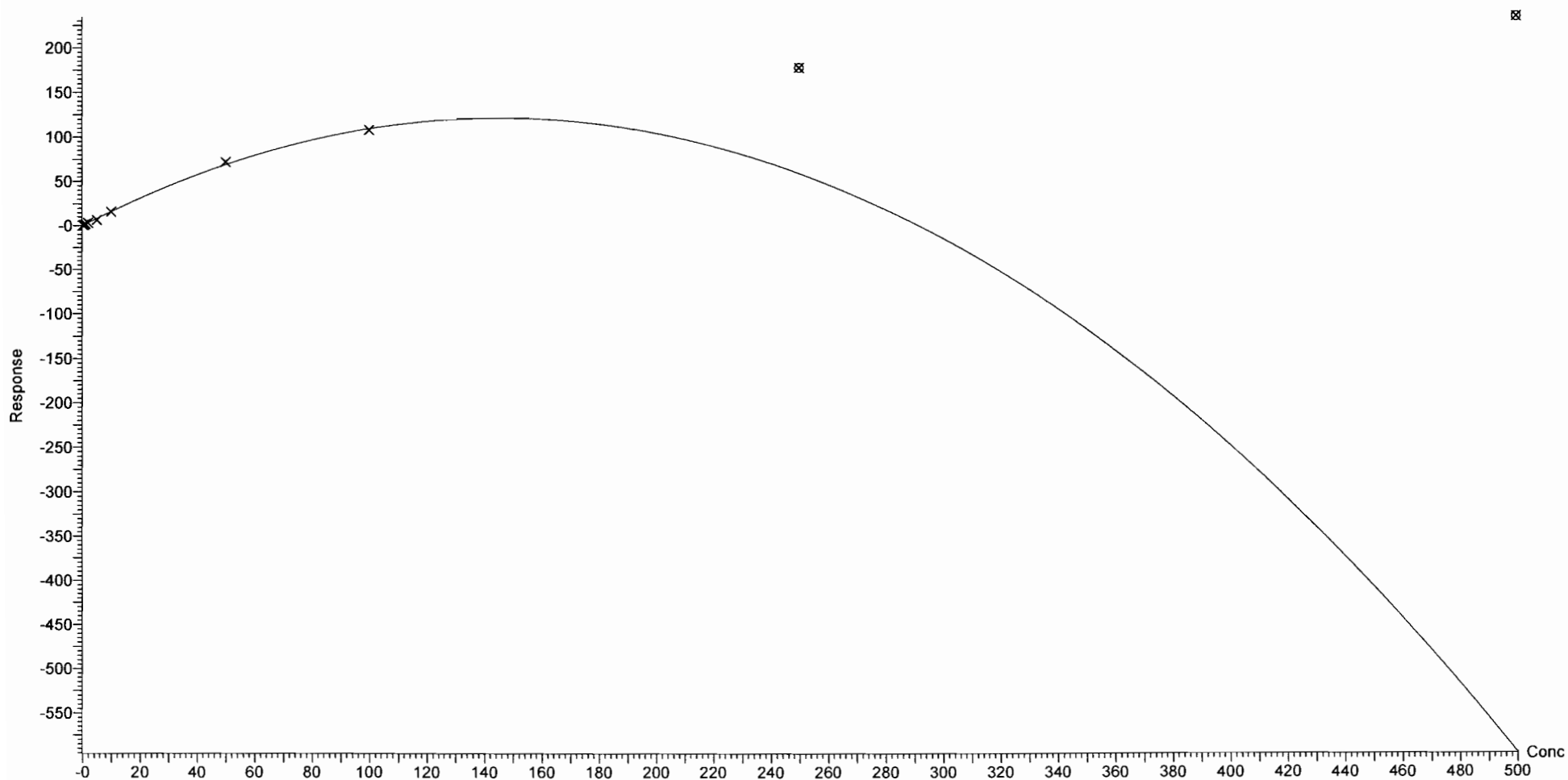
Compound name: 8:2 FTS

Coefficient of Determination:  $R^2 = 0.996638$

Calibration curve:  $-0.00571175 * x^2 + 1.66507 * x + 0.0391213$

Response type: Internal Std ( Ref 46 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

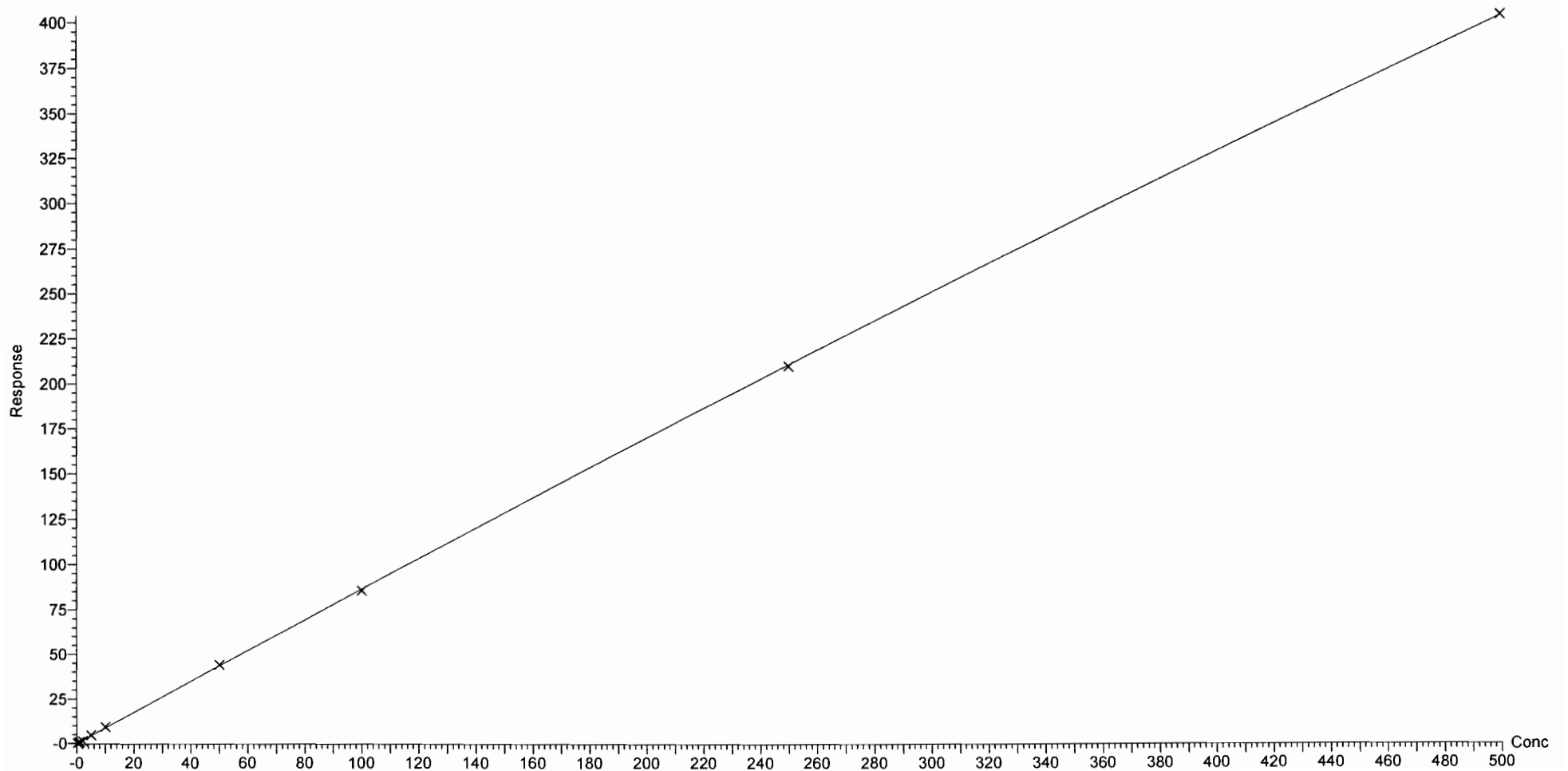
Compound name: PFNS

Coefficient of Determination:  $R^2 = 0.999714$

Calibration curve:  $-0.000146607 * x^2 + 0.879785 * x + -0.0922624$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

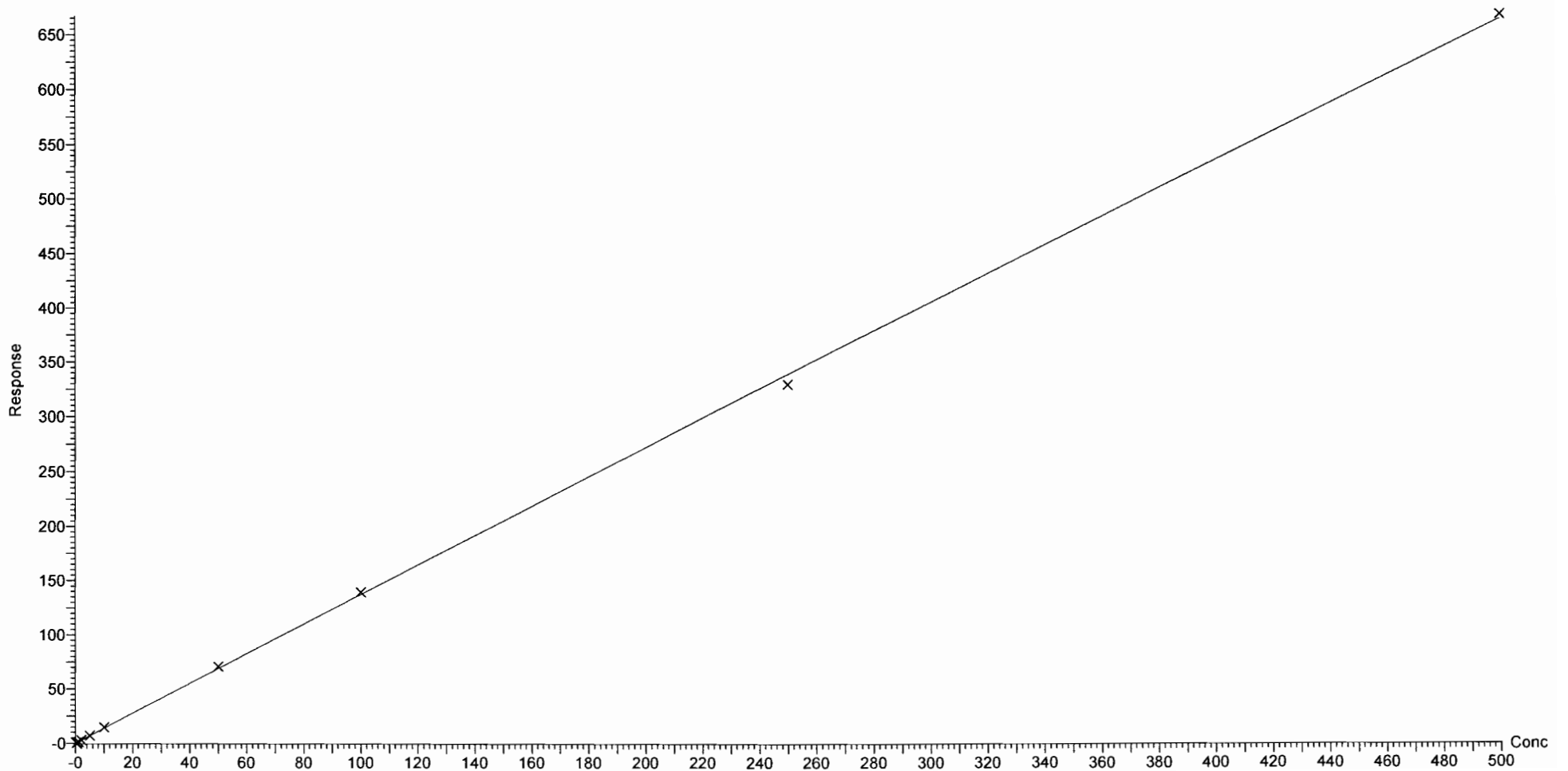
Compound name: N-MeFOSAA

Coefficient of Determination:  $R^2 = 0.999563$

Calibration curve:  $-0.000116428 * x^2 + 1.38433 * x + -0.0495842$

Response type: Internal Std ( Ref 47 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



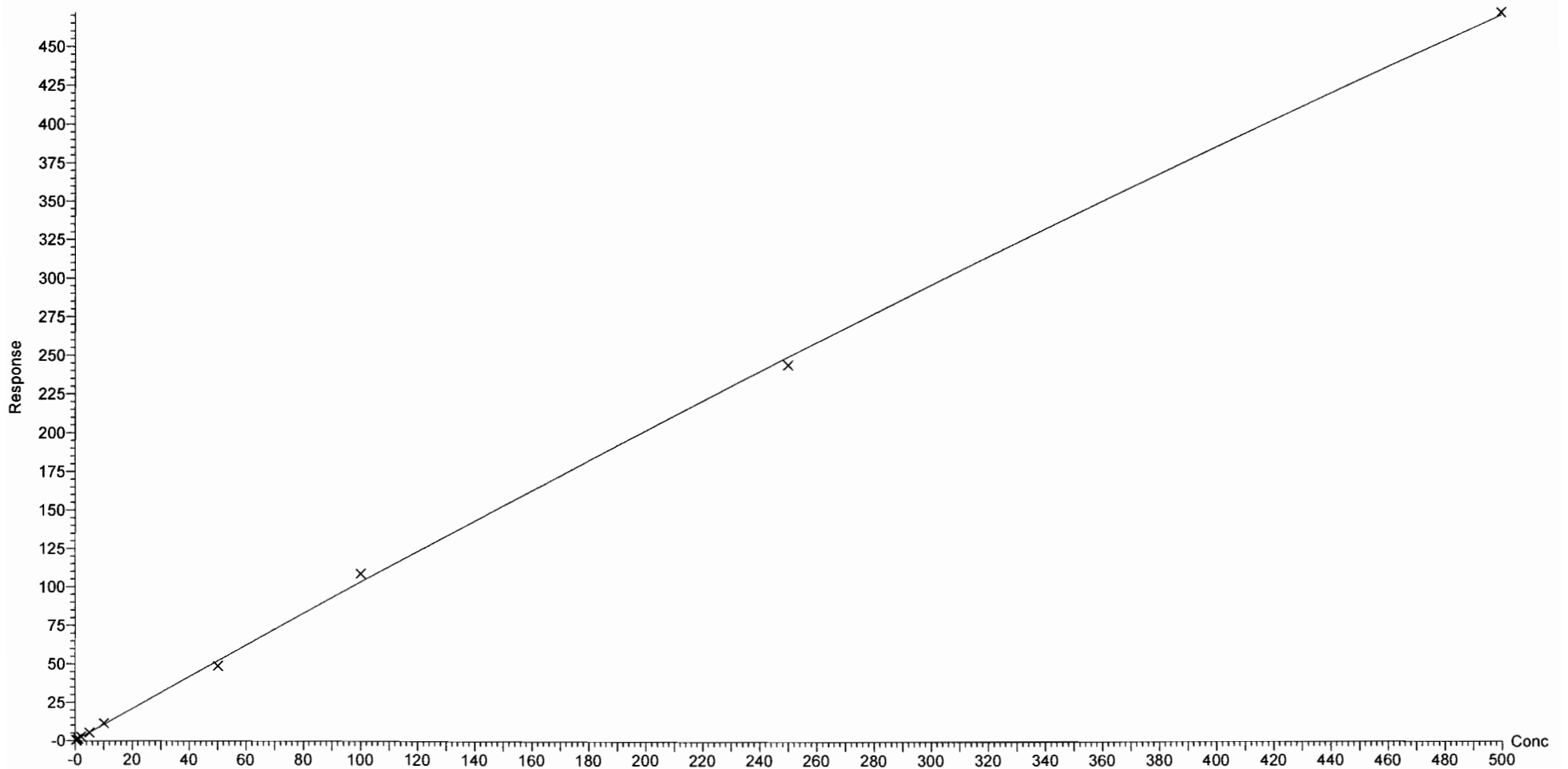


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

Compound name: N-EtFOSAA  
Coefficient of Determination:  $R^2 = 0.999030$   
Calibration curve:  $-0.000231665 * x^2 + 1.05567 * x + 0.0410733$   
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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

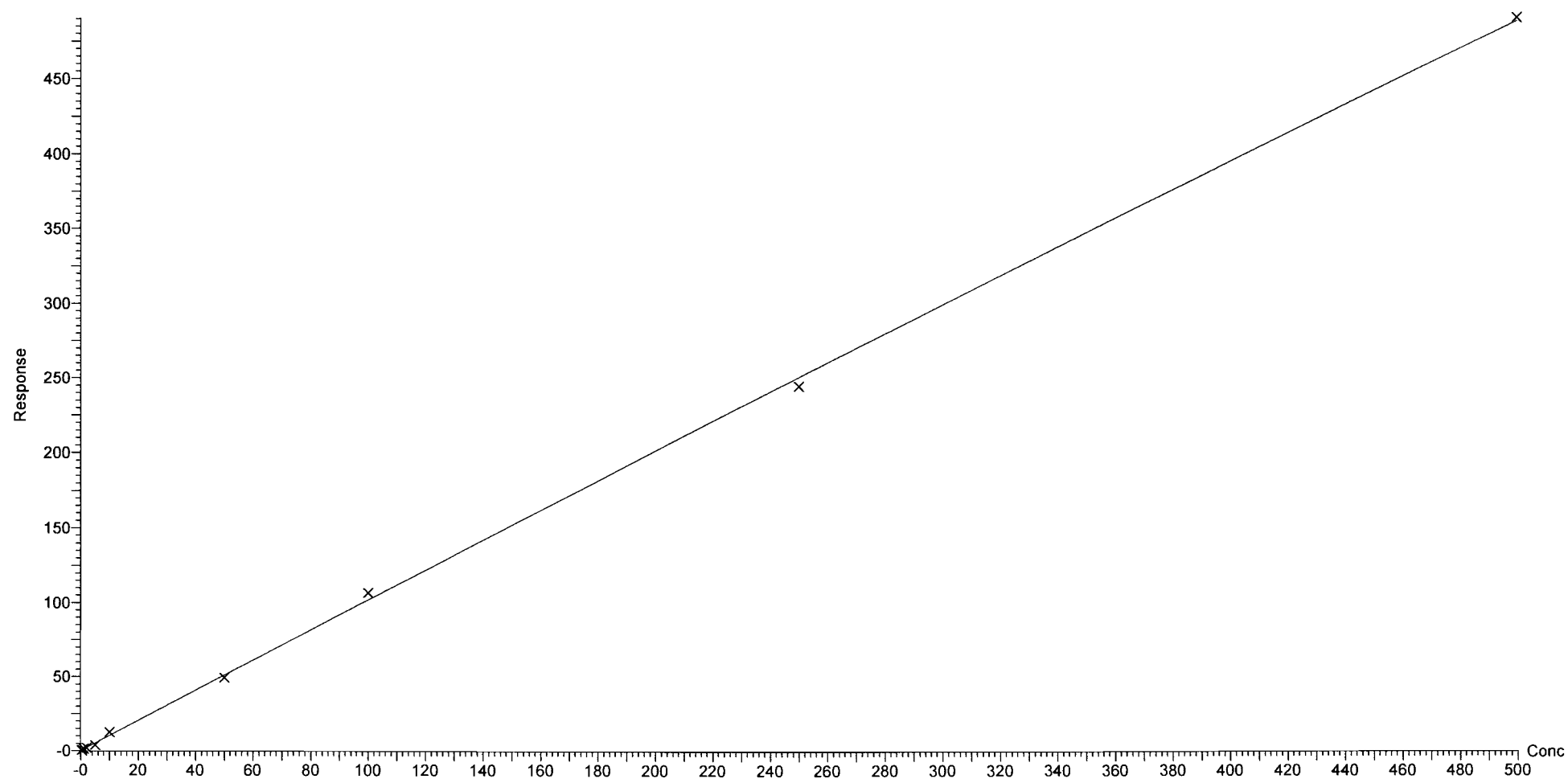
Compound name: PFUdA

Coefficient of Determination:  $R^2 = 0.998453$

Calibration curve:  $-0.000107289 * x^2 + 1.02991 * x + 0.0029178$

Response type: Internal Std ( Ref 49 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

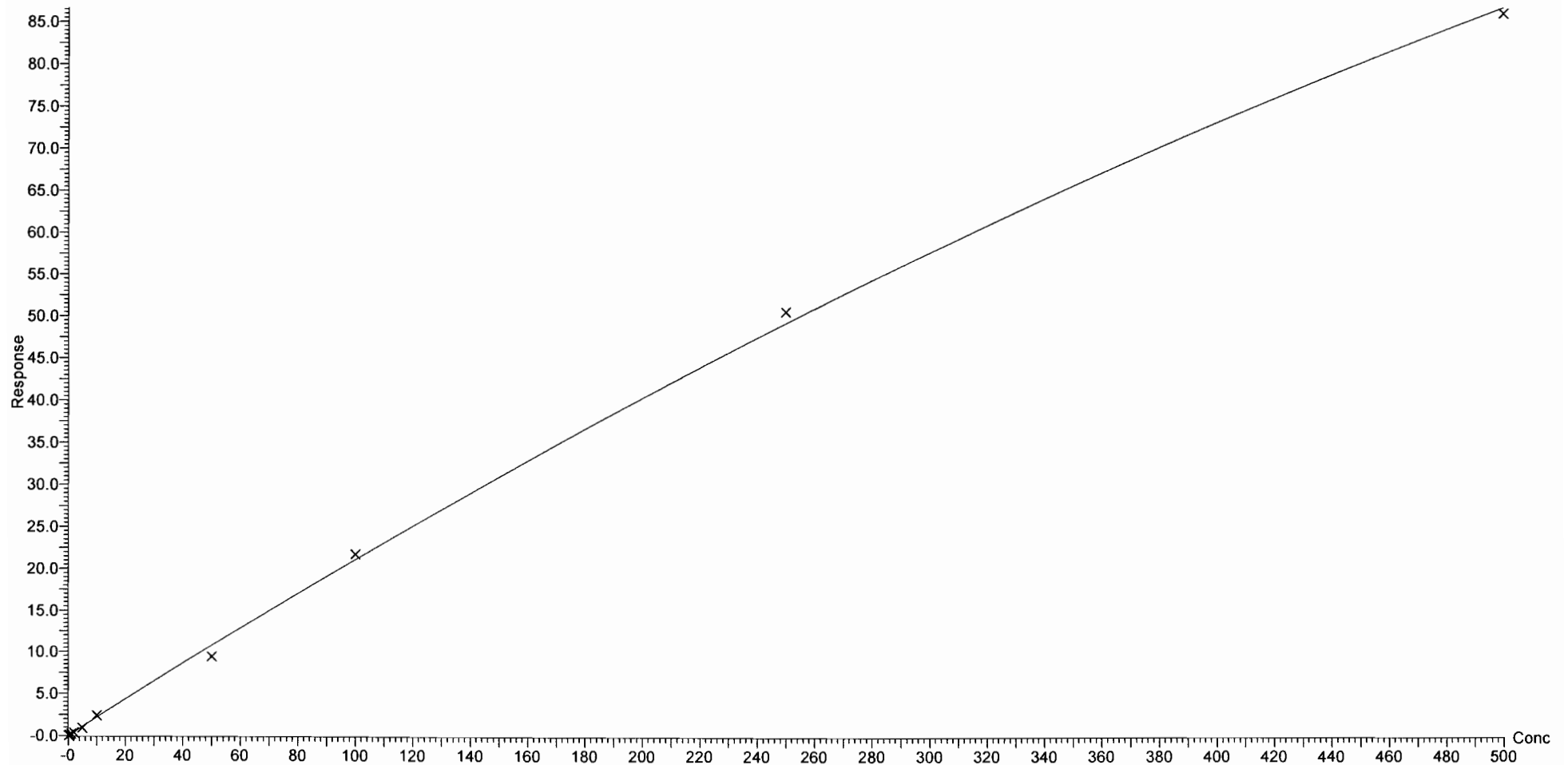


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

Compound name: PFDS  
Coefficient of Determination:  $R^2 = 0.998152$   
Calibration curve:  $-9.50367e-005 * x^2 + 0.220815 * x + -0.01479$   
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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

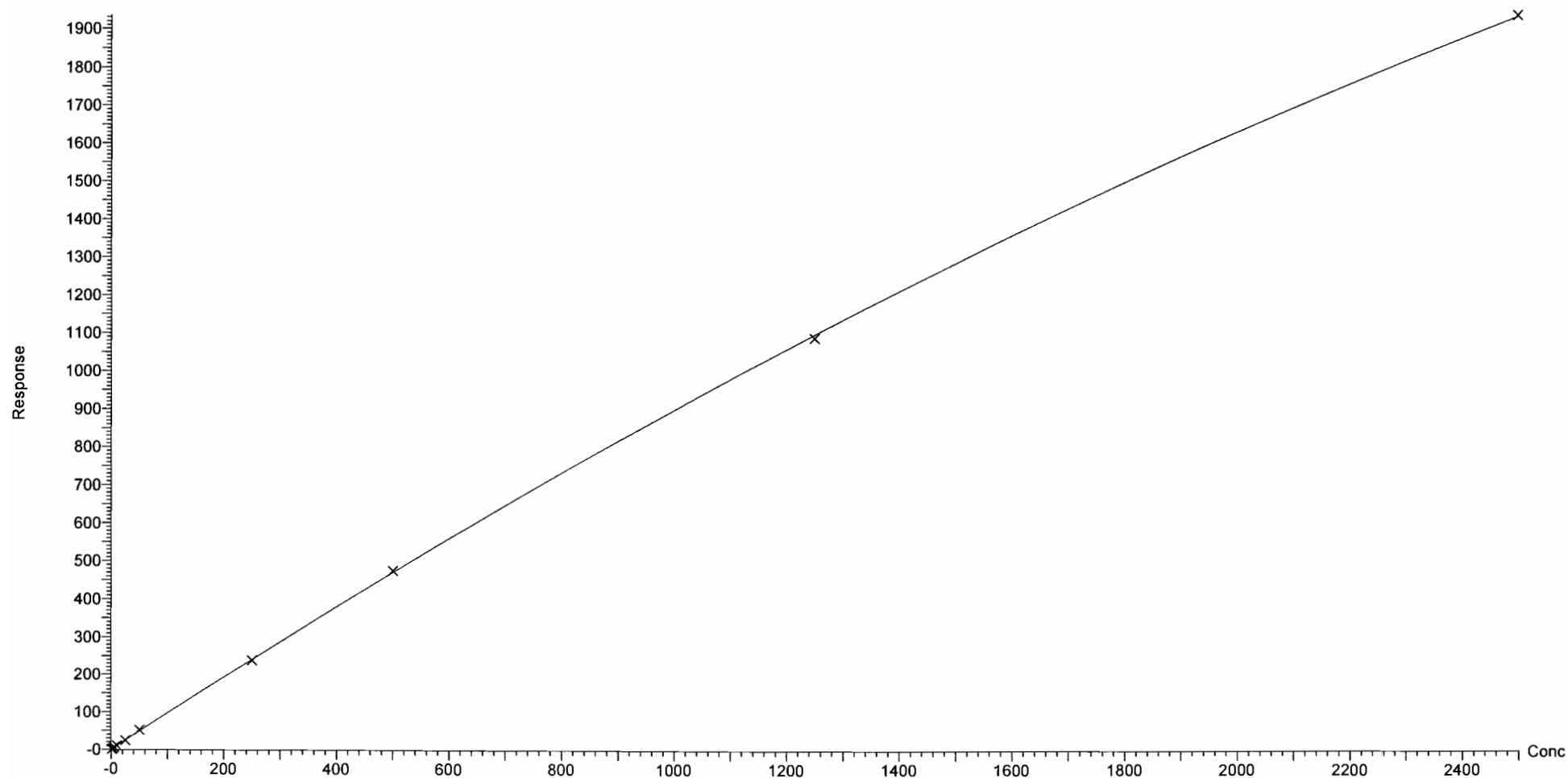
Compound name: N-MeFOSA

Coefficient of Determination:  $R^2 = 0.999876$

Calibration curve:  $-8.42941e-005 * x^2 + 0.983406 * x + -0.0213343$

Response type: Internal Std ( Ref 51 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

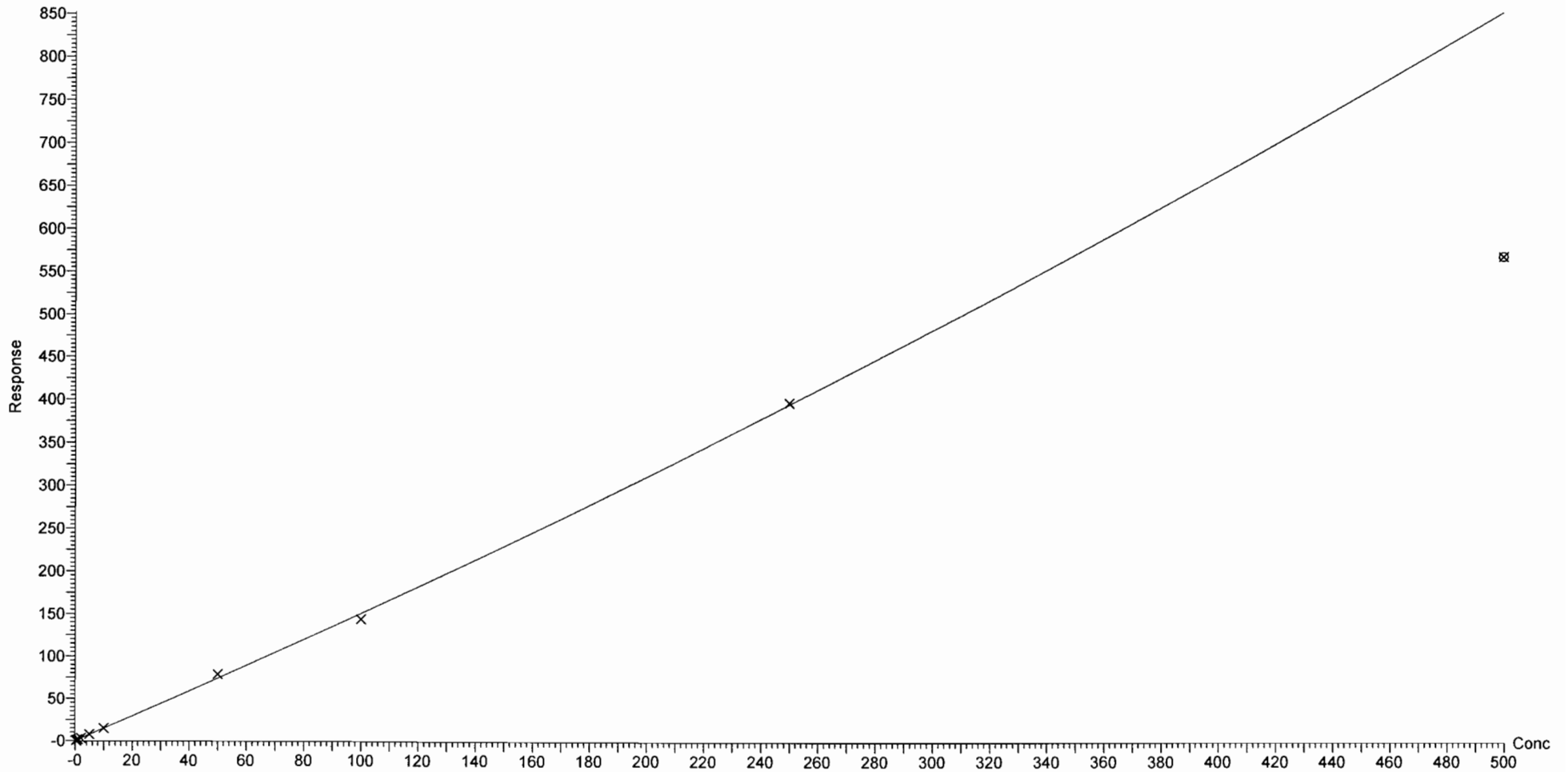


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

Compound name: PFTrDA  
Coefficient of Determination:  $R^2 = 0.999050$   
Calibration curve:  $0.000492961 * x^2 + 1.45793 * x + 0.0694051$   
Response type: Internal Std ( Ref 50 ), Area \* ( IS Conc. / IS Area )  
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

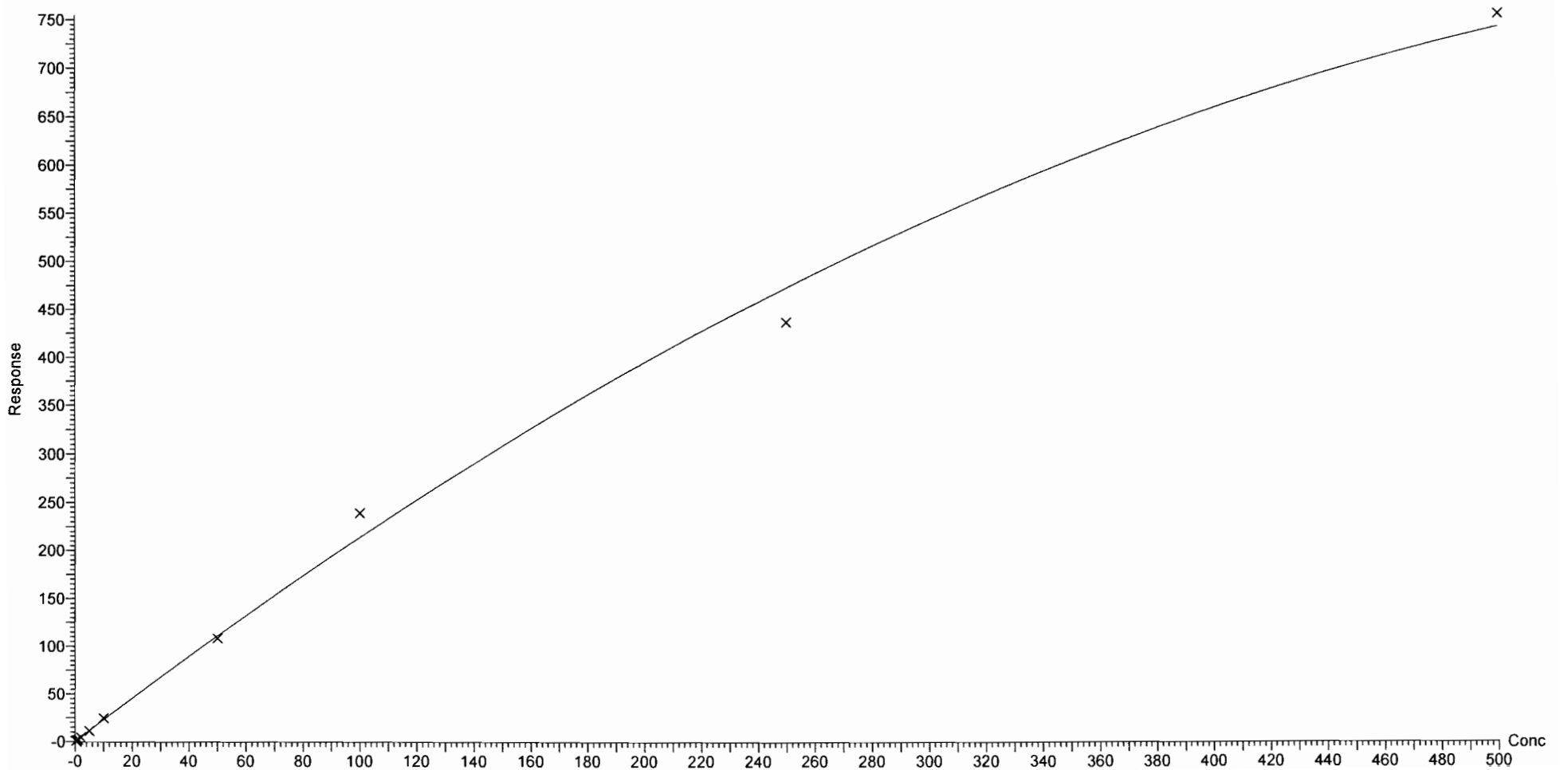


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

Compound name: PFTeDA  
Coefficient of Determination:  $R^2 = 0.995466$   
Calibration curve:  $-0.0016298 * x^2 + 2.29745 * x + 0.077208$   
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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

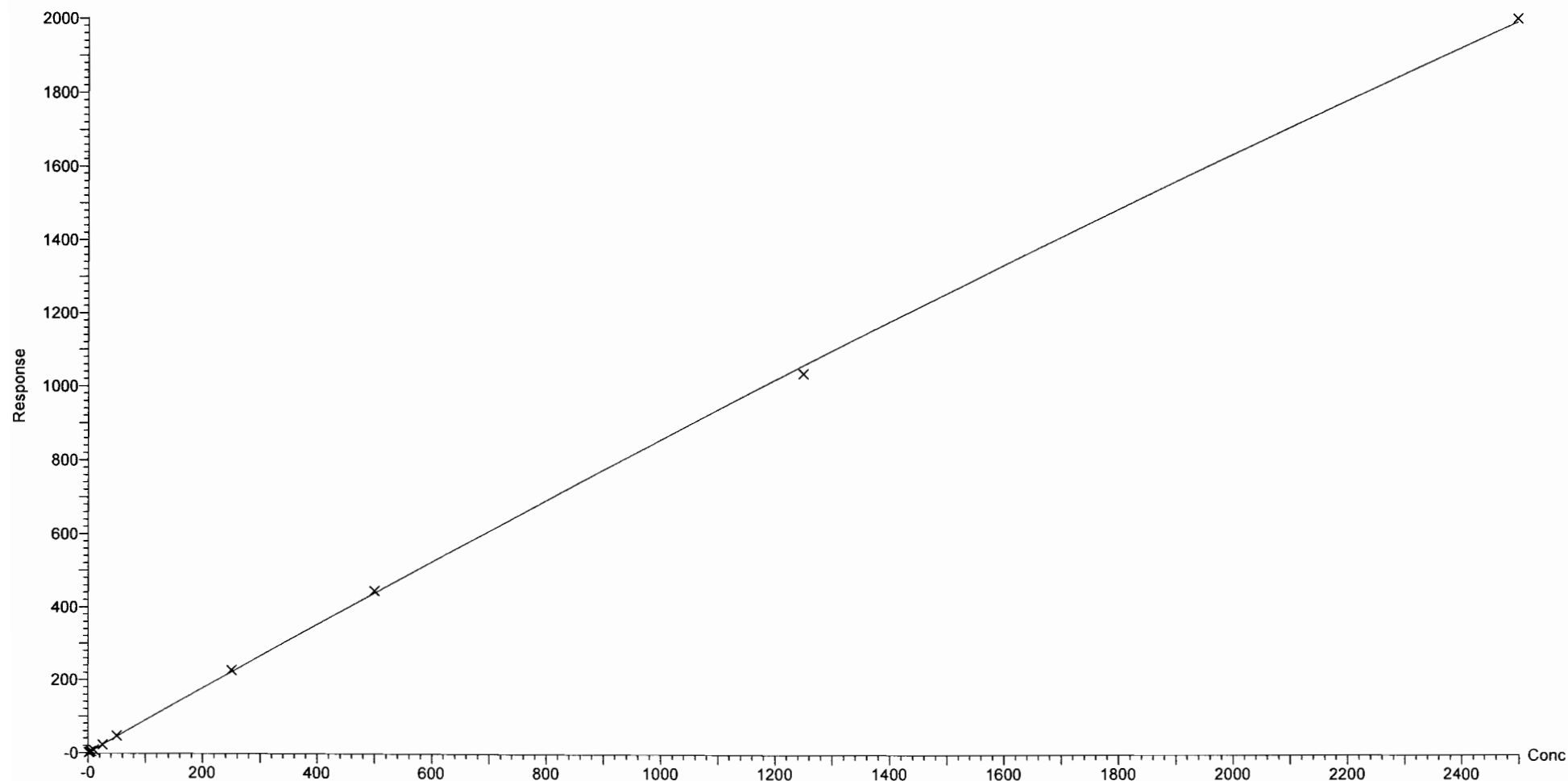
Compound name: N-EtFOSA

Coefficient of Determination:  $R^2 = 0.999770$

Calibration curve:  $-4.08497e-005 * x^2 + 0.898724 * x + 0.144844$

Response type: Internal Std ( Ref 53 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

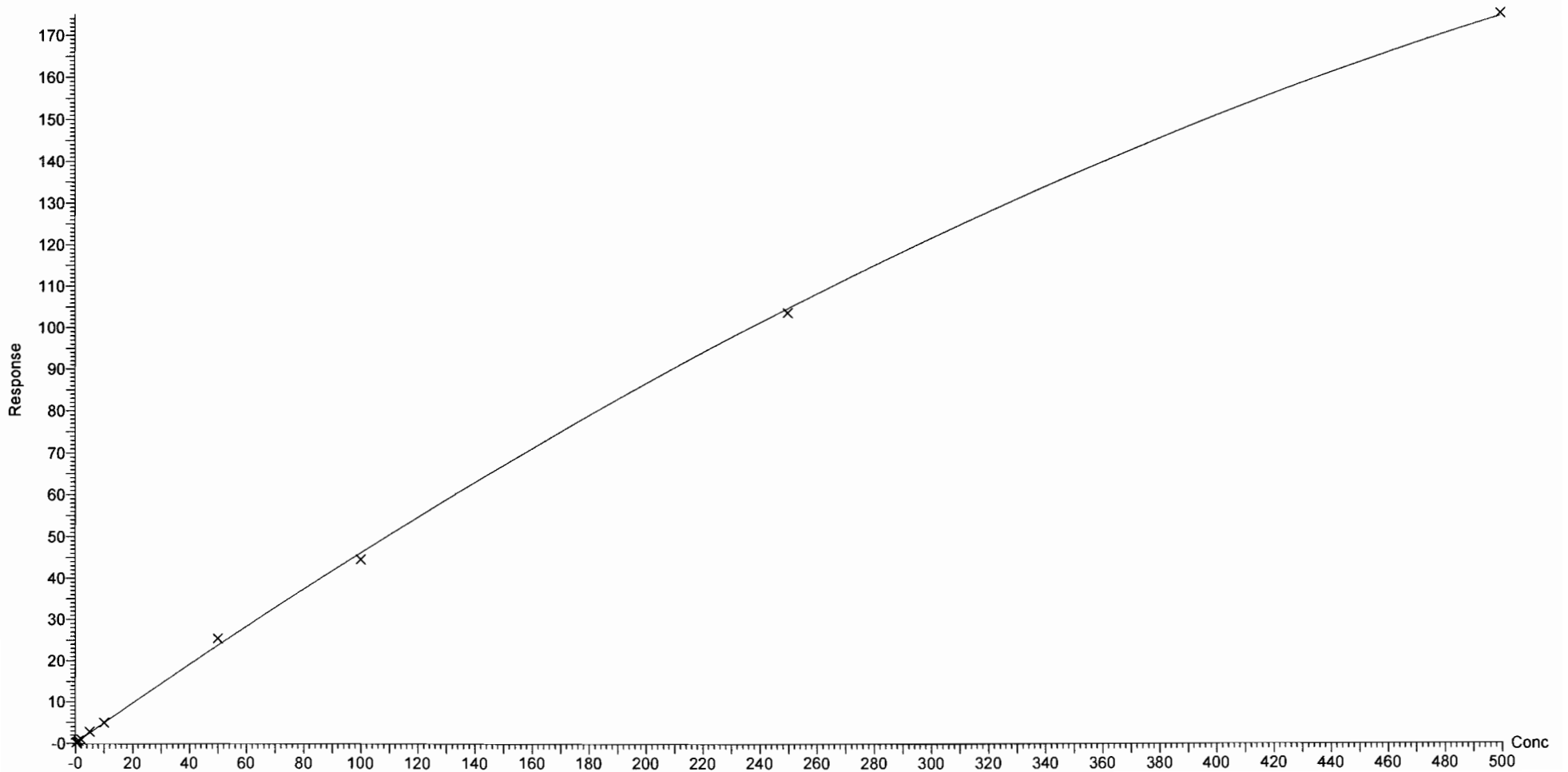


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

Compound name: PFHxDA  
Coefficient of Determination:  $R^2 = 0.999251$   
Calibration curve:  $-0.000279136 * x^2 + 0.48814 * x + 0.0615153$   
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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

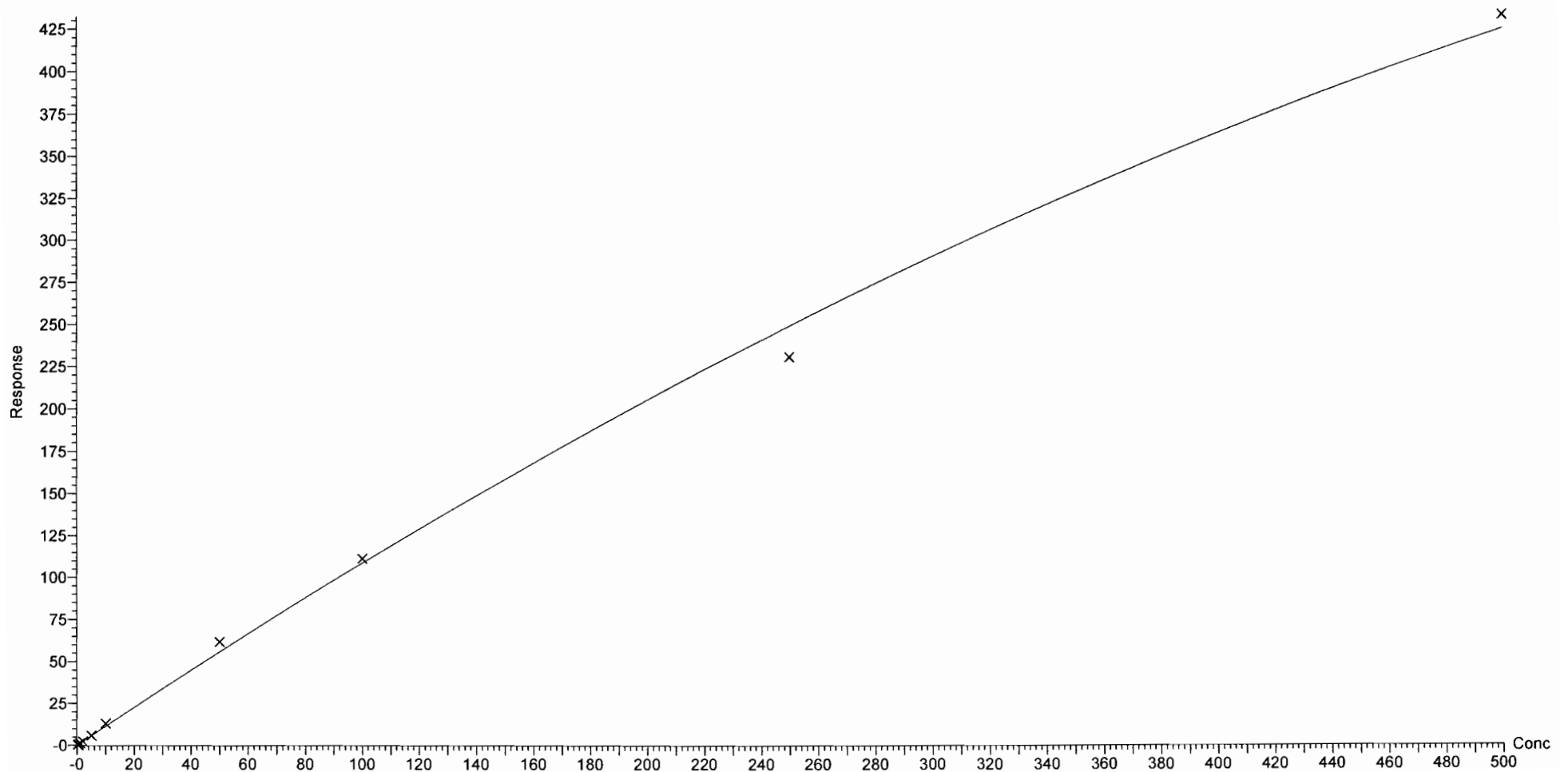
Compound name: PFODA

Coefficient of Determination:  $R^2 = 0.996805$

Calibration curve:  $-0.00059395 * x^2 + 1.14548 * x + 0.0125416$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

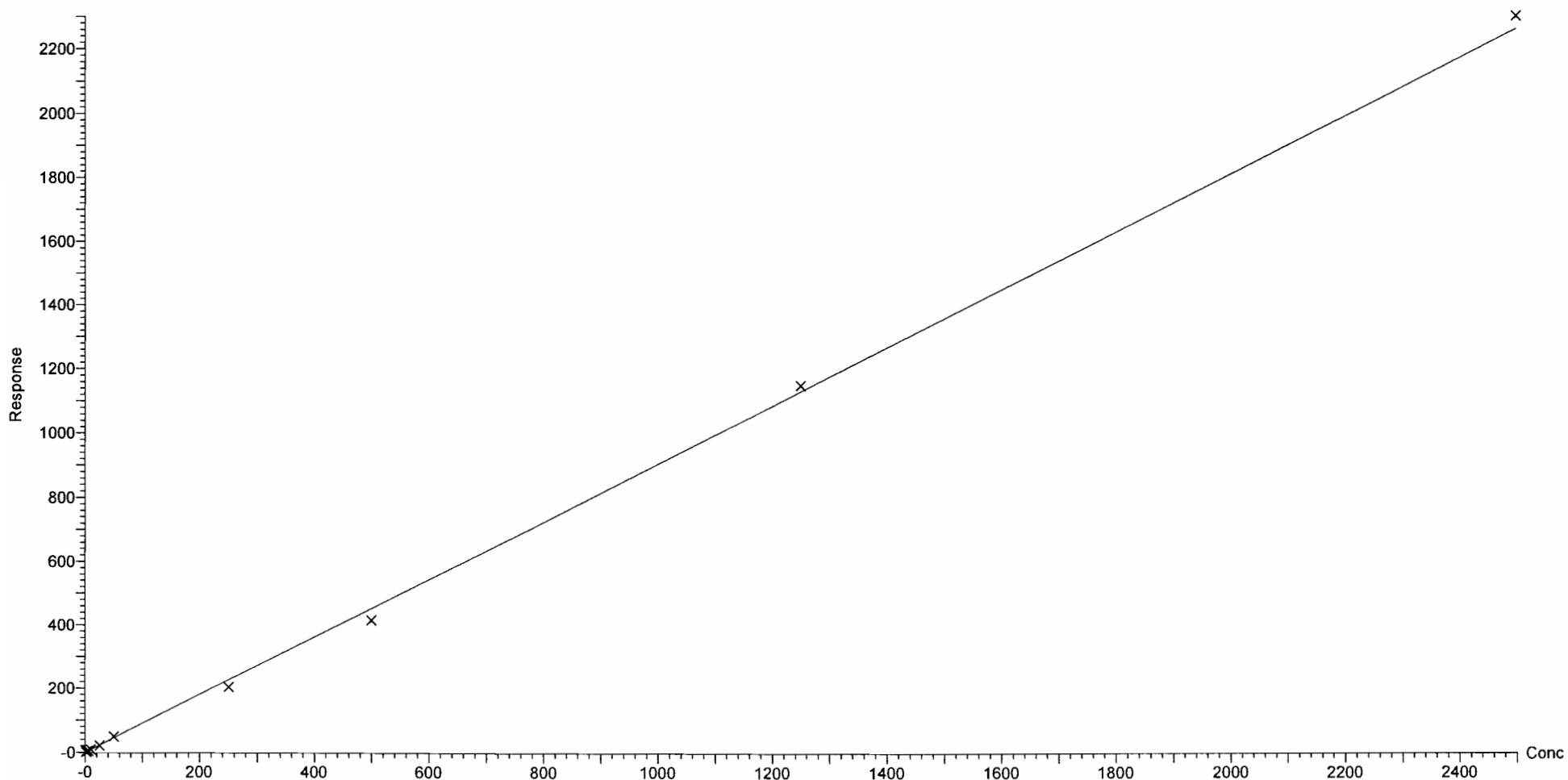
Compound name: N-MeFOSE

Correlation coefficient:  $r = 0.999142$ ,  $r^2 = 0.998285$

Calibration curve:  $0.90458 * x + 0.0689345$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:37:07 Pacific Daylight Time

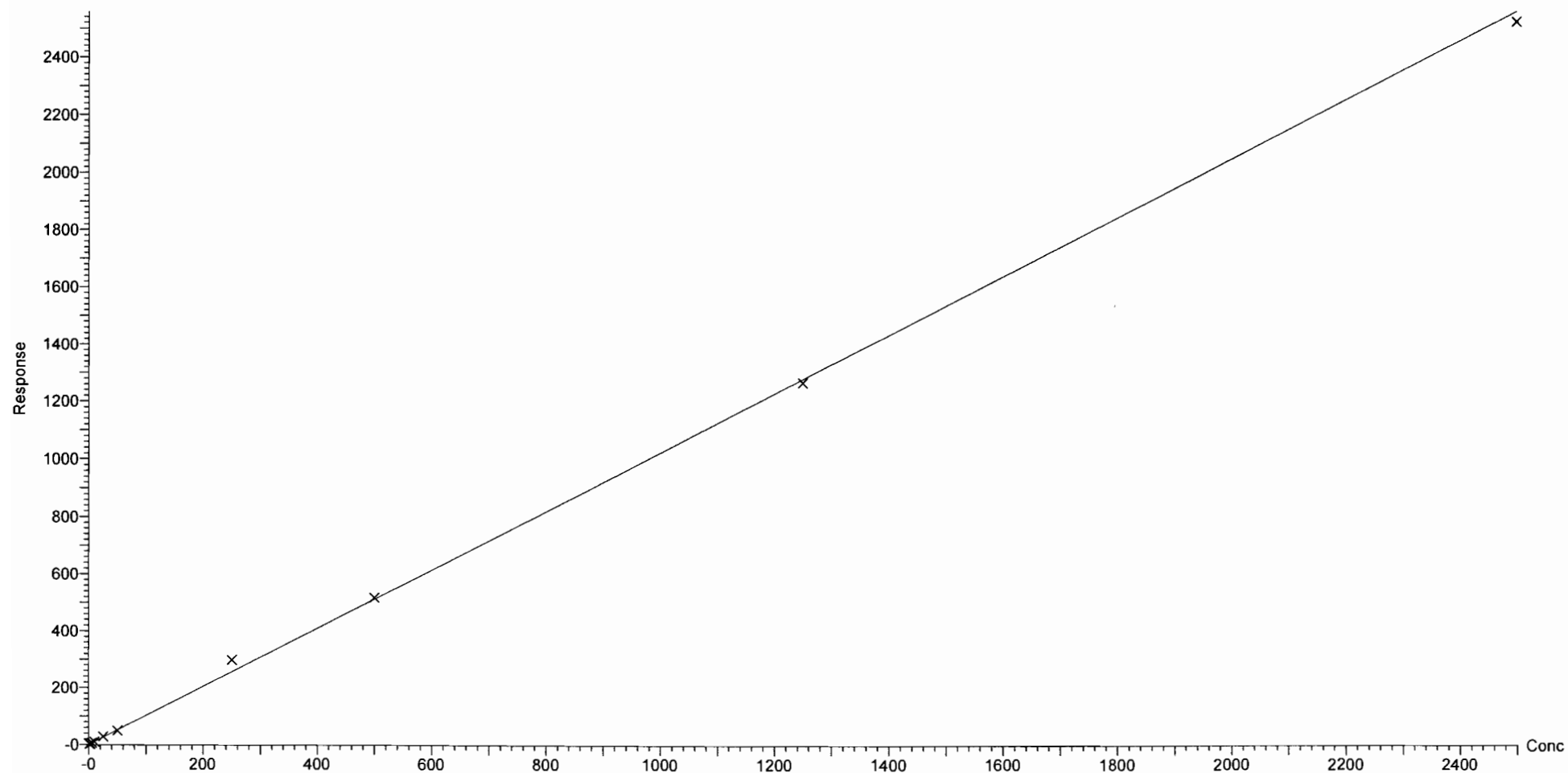
Compound name: N-EtFOSE

Correlation coefficient:  $r = 0.999138$ ,  $r^2 = 0.998276$

Calibration curve:  $1.02278 * x + 0.410086$

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\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

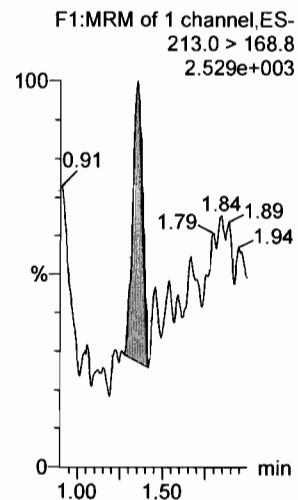
*PFDA not used.*

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

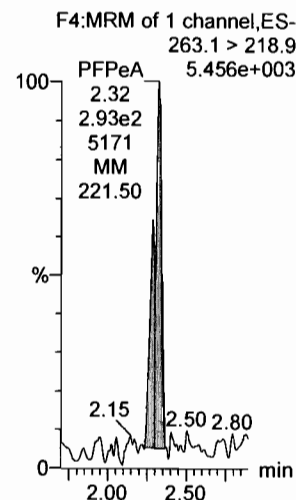
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 15:31:22

Name: 180312M1\_2, Date: 12-Mar-2018, Time: 21:49:37, ID: ST180312M1-1 PFC CS-2 18B2813, Description: PFC CS-2 18B2813

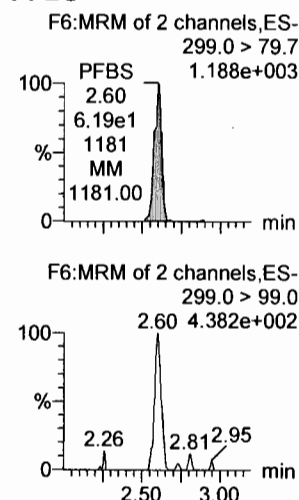
**PFBA**



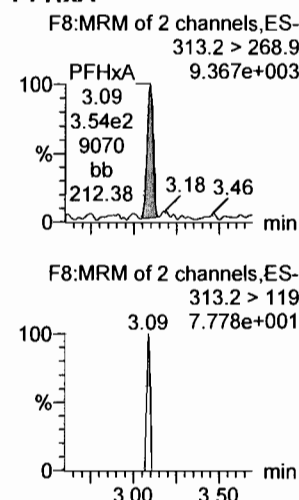
**PFPeA**



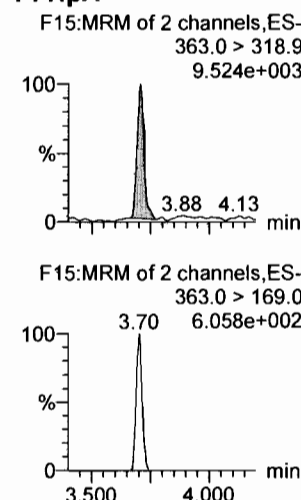
**PFBS**



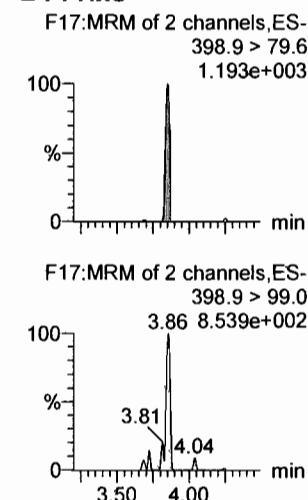
**PFHxA**



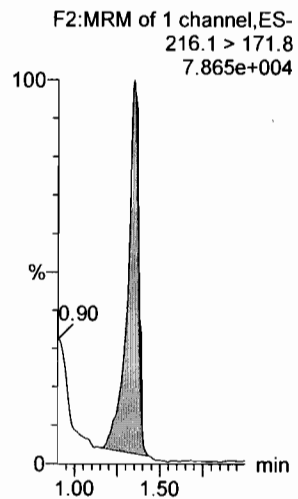
**PFHpA**



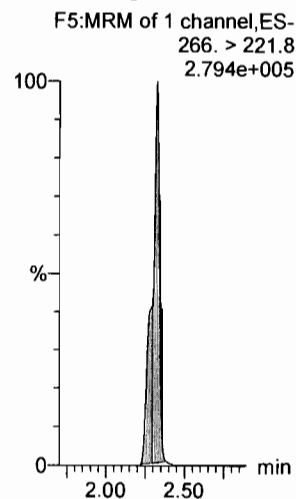
**L-PFHxS**



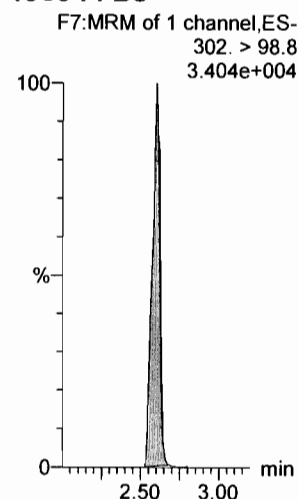
**13C3-PFBA**



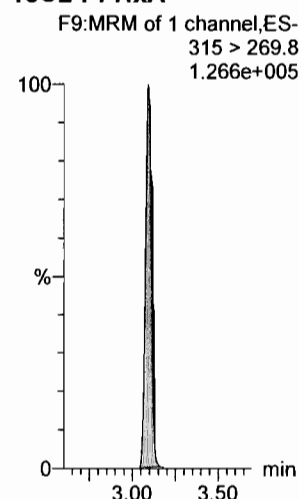
**13C3-PFPeA**



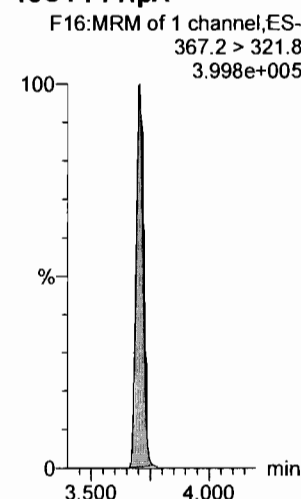
**13C3-PFBS**



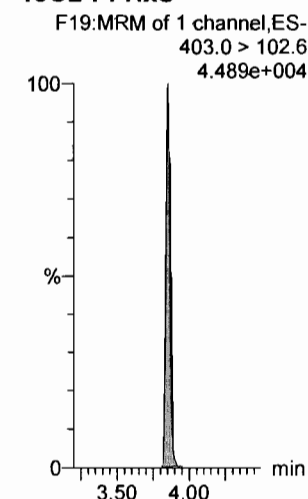
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



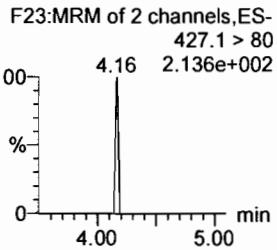
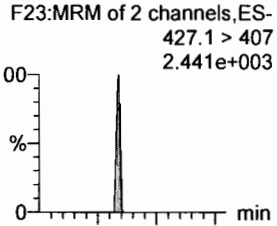
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

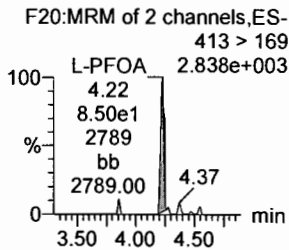
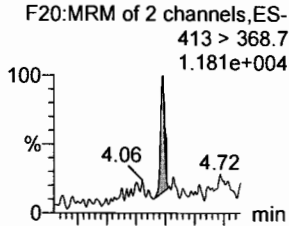
Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_2, Date: 12-Mar-2018, Time: 21:49:37, ID: ST180312M1-1 PFC CS-2 18B2813, Description: PFC CS-2 18B2813

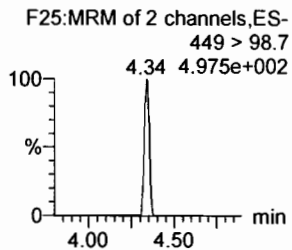
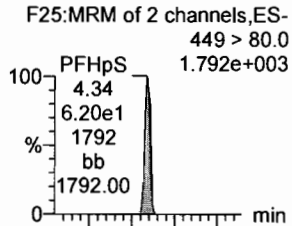
**6:2 FTS**



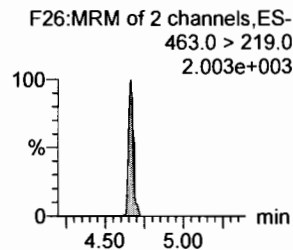
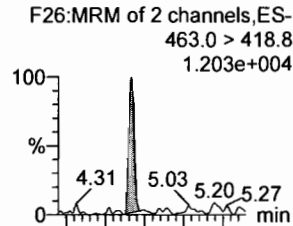
**L-PFOA**



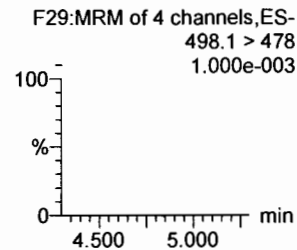
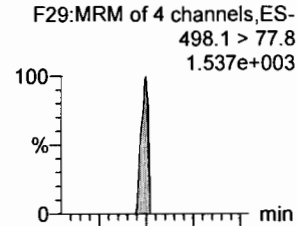
**PFHpS**



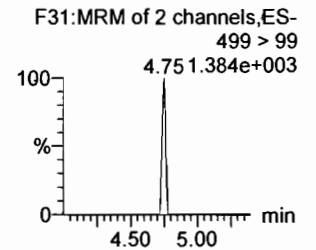
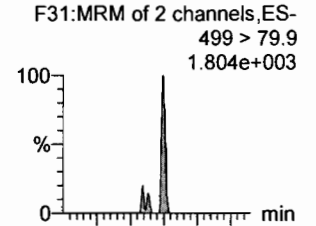
**PFNA**



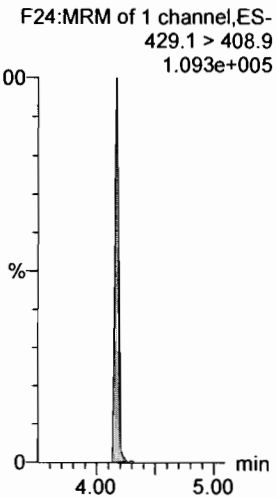
**PFOSA**



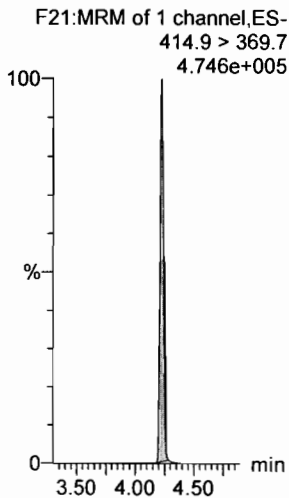
**L-PFOS**



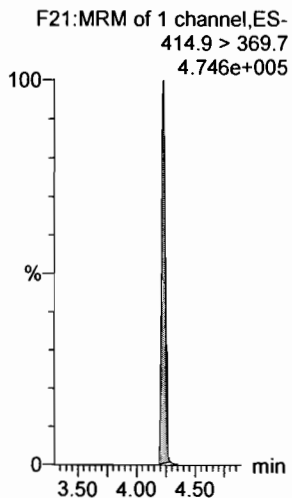
**13C2-6:2 FTS**



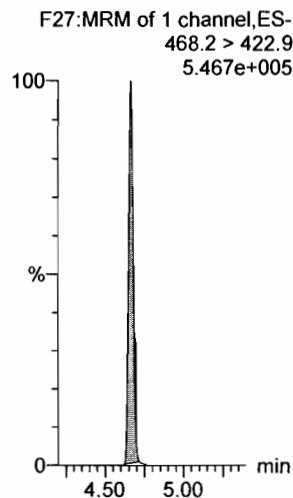
**13C2-PFOA**



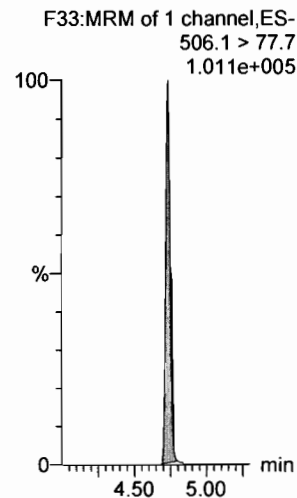
**13C2-PFOA**



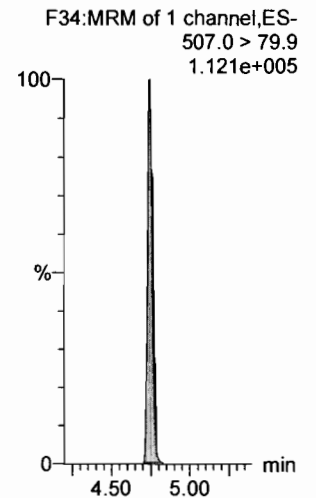
**13C5-PFNA**



**13C8-PFOA**



**13C8-PFOS**



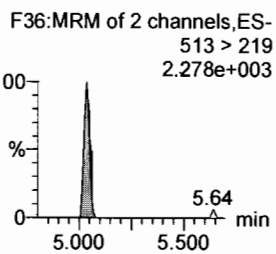
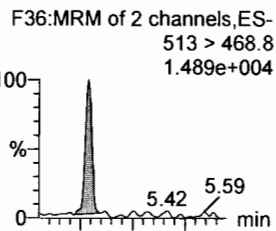
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

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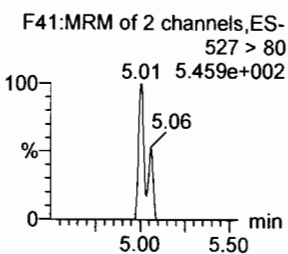
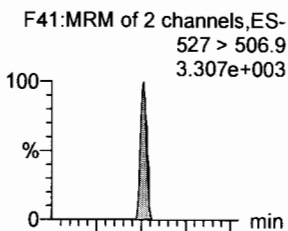
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Name: 180312M1\_2, Date: 12-Mar-2018, Time: 21:49:37, ID: ST180312M1-1 PFC CS-2 18B2813, Description: PFC CS-2 18B2813

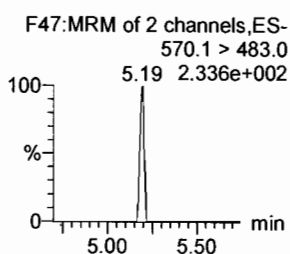
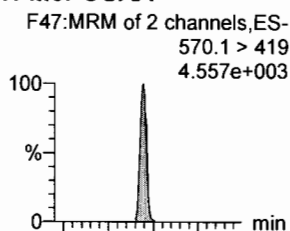
**PFDA**



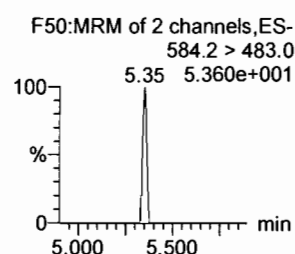
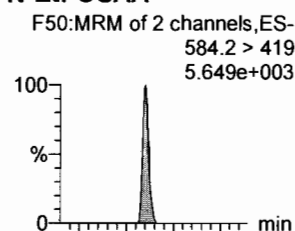
**8:2 FTS**



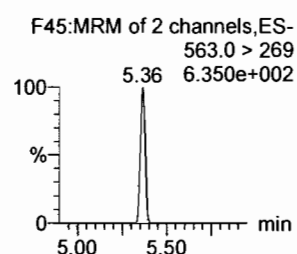
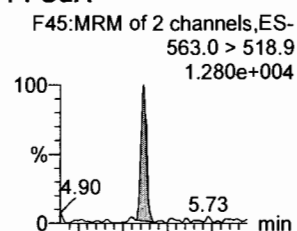
**N-MeFOSAA**



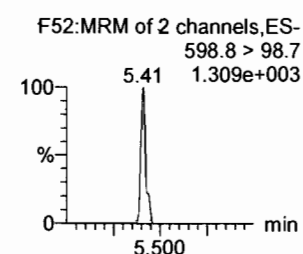
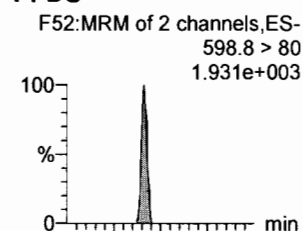
**N-EtFOSAA**



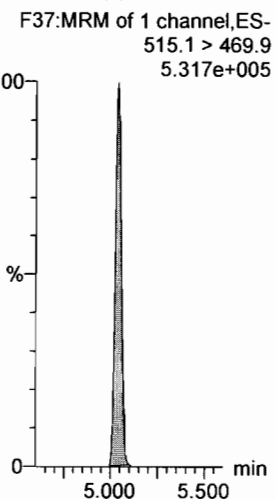
**PFUdA**



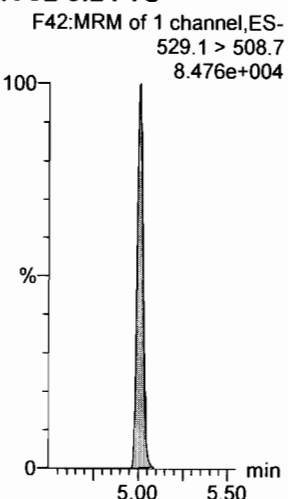
**PFDS**



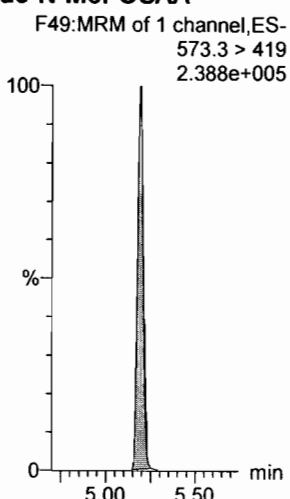
**13C2-PFDA**



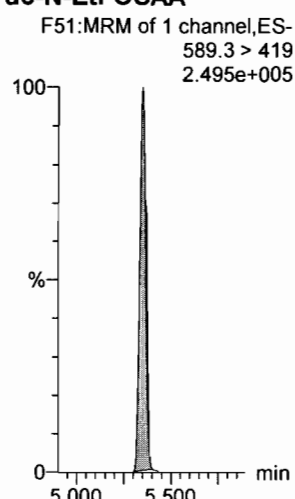
**13C2-8:2 FTS**



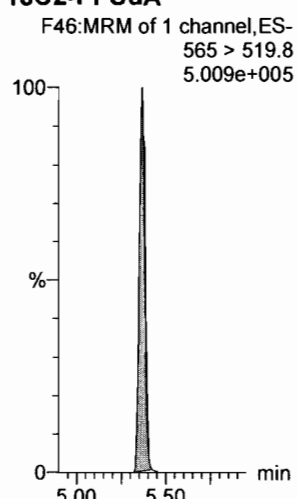
**d3-N-MeFOSAA**



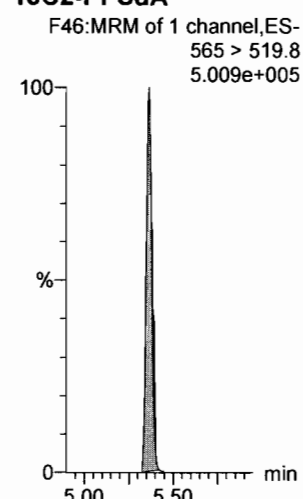
**d5-N-EtFOSAA**



**13C2-PFUdA**



**13C2-PFUdA**



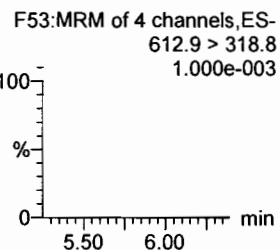
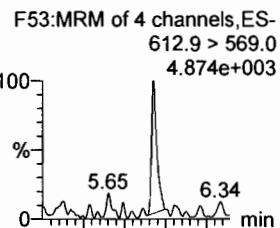
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

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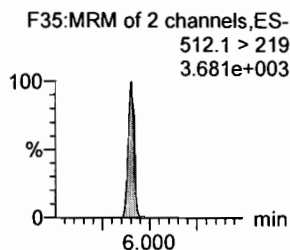
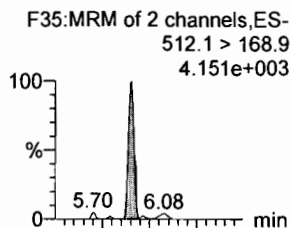
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Name: 180312M1\_2, Date: 12-Mar-2018, Time: 21:49:37, ID: ST180312M1-1 PFC CS-2 18B2813, Description: PFC CS-2 18B2813

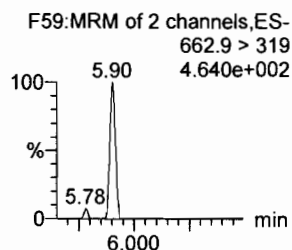
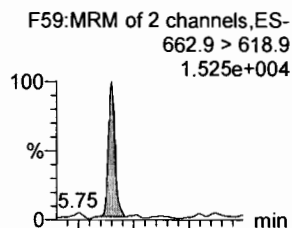
**PFDoA**



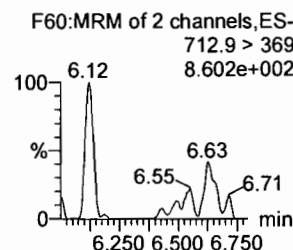
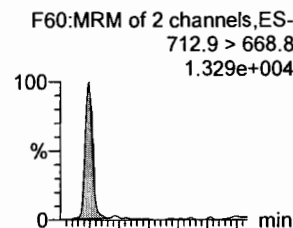
**N-MeFOSA**



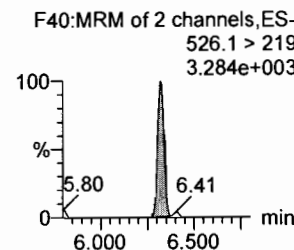
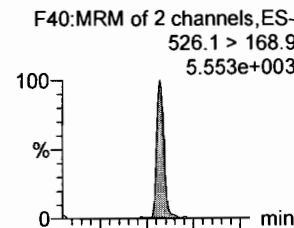
**PFTrDA**



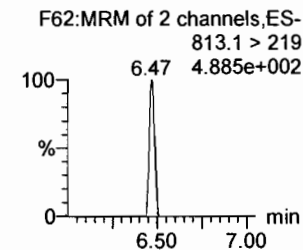
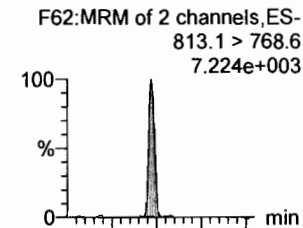
**PFTeDA**



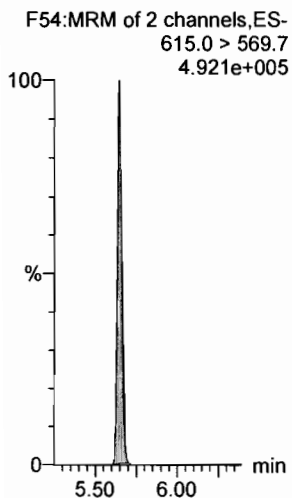
**N-EtFOSA**



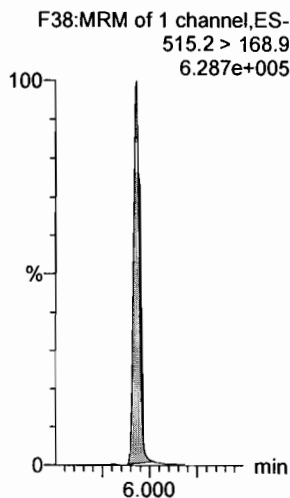
**PFHxDA**



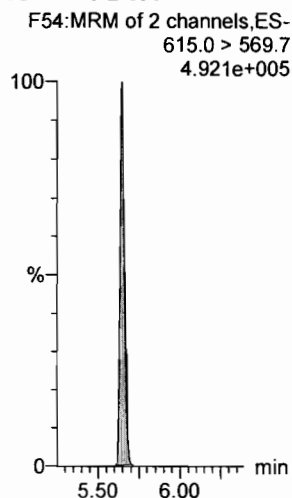
**13C2-PFDoA**



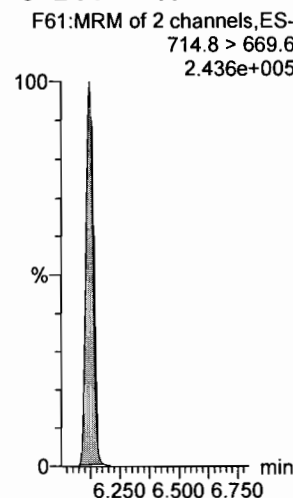
**d3-N-MeFOSA**



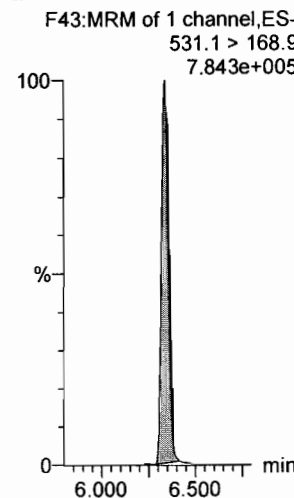
**13C2-PFDoA**



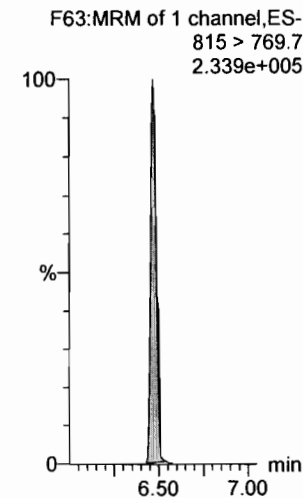
**13C2-PFTeDA**



**d5-N-ETFOSA**



**13C2-PFHxDA**

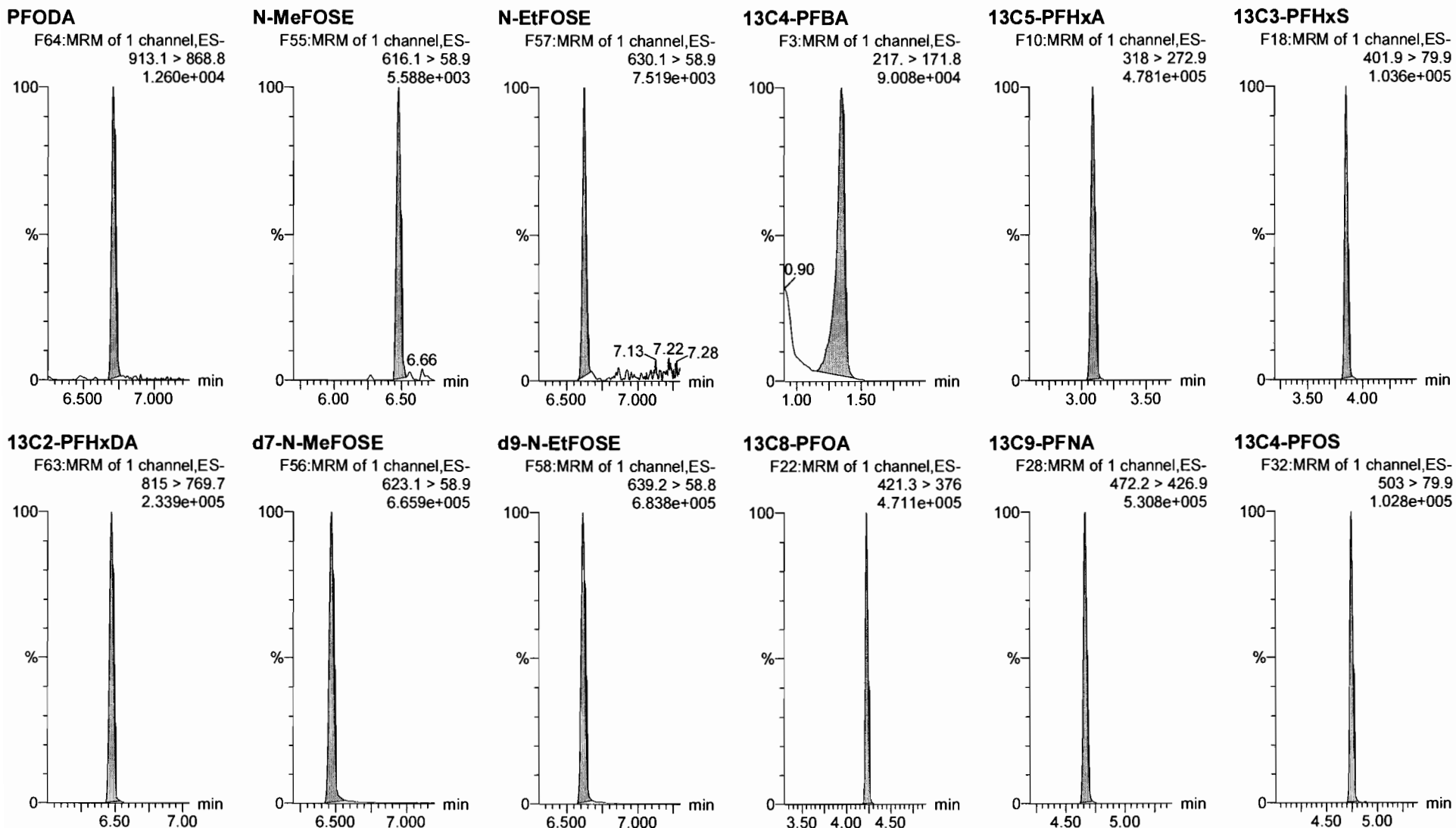


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Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

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Name: 180312M1\_2, Date: 12-Mar-2018, Time: 21:49:37, ID: ST180312M1-1 PFC CS-2 18B2813, Description: PFC CS-2 18B2813





Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

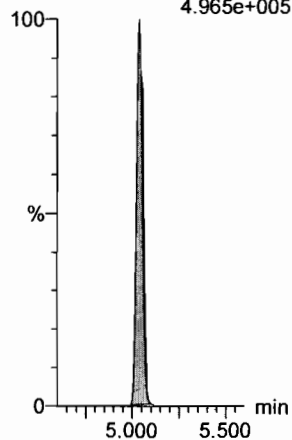
Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

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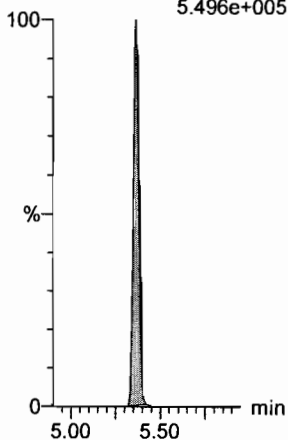
**13C6-PFDA**

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
4.965e+005



**13C7-PFUdA**

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
5.496e+005



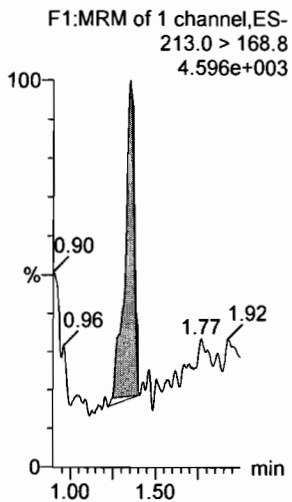
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Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

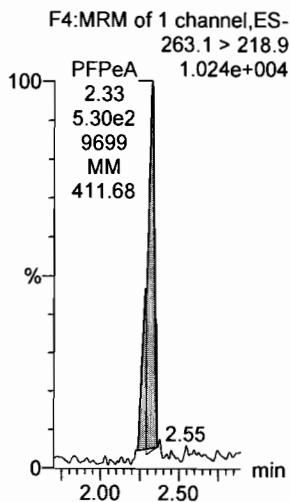
Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_3, Date: 12-Mar-2018, Time: 22:01:04, ID: ST180312M1-2 PFC CS-1 18B2814, Description: PFC CS-1 18B2814

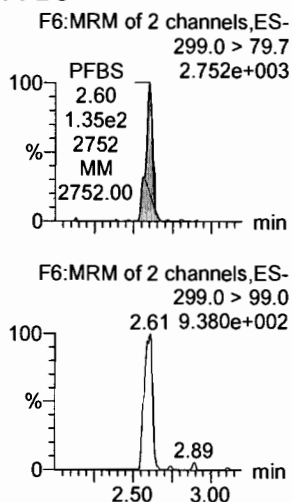
**PFBA**



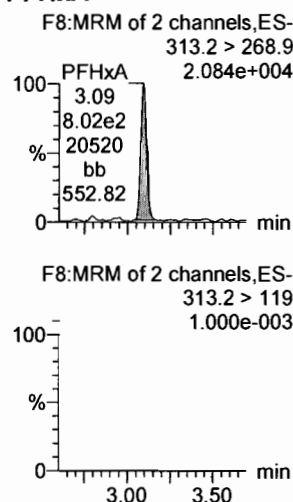
**PFPeA**



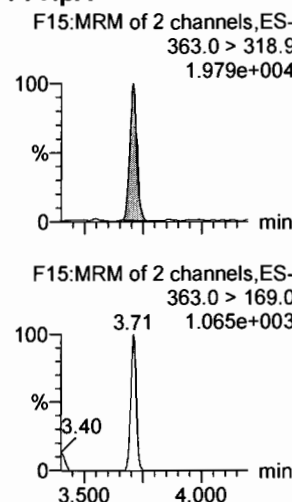
**PFBS**



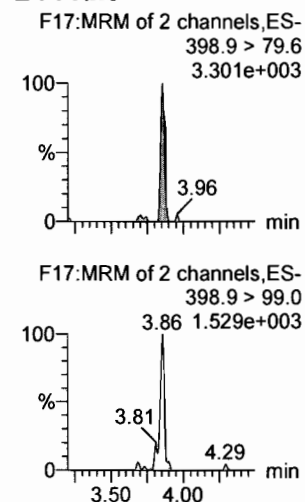
**PFHxA**



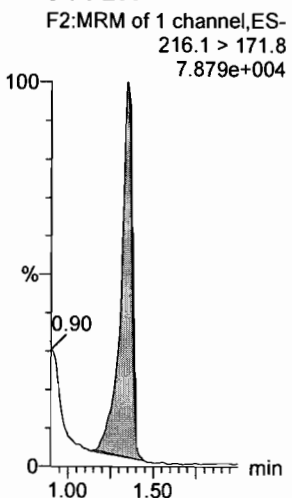
**PFHpA**



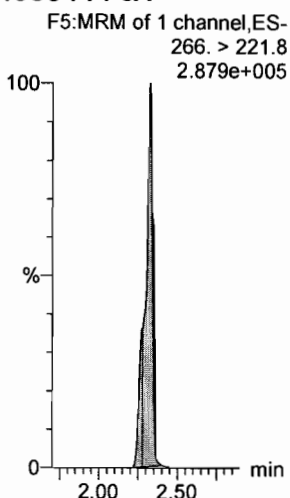
**L-PFHxS**



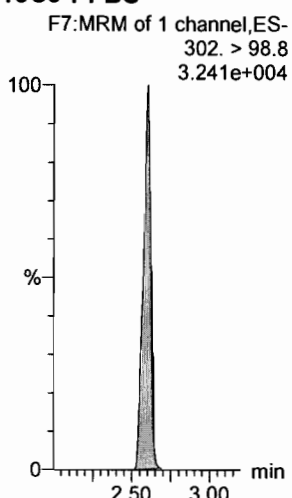
**13C3-PFBA**



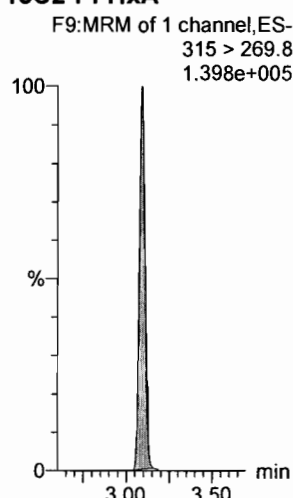
**13C3-PFPeA**



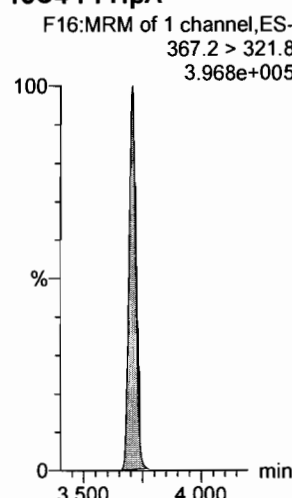
**13C3-PFBS**



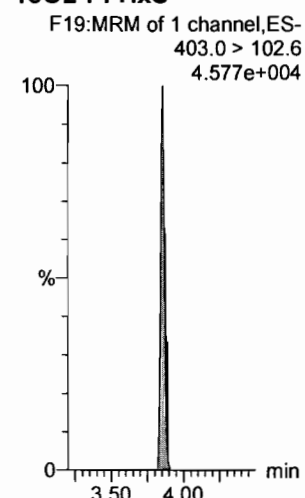
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



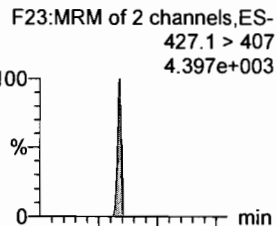
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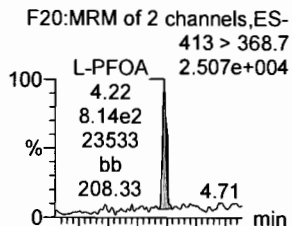
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Name: 180312M1\_3, Date: 12-Mar-2018, Time: 22:01:04, ID: ST180312M1-2 PFC CS-1 18B2814, Description: PFC CS-1 18B2814

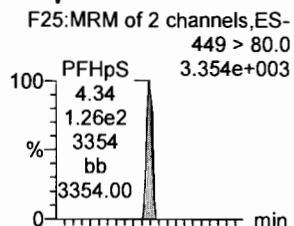
6:2 FTS



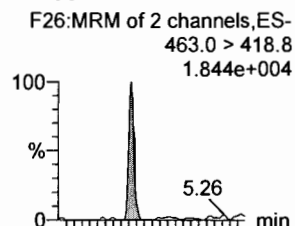
L-PFOA



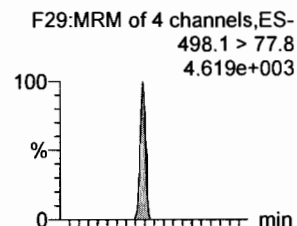
PFHpS



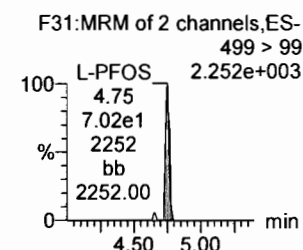
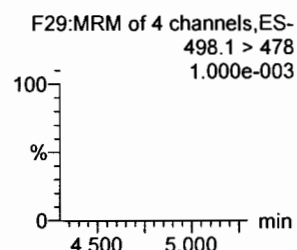
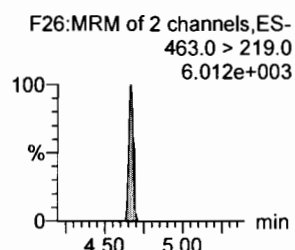
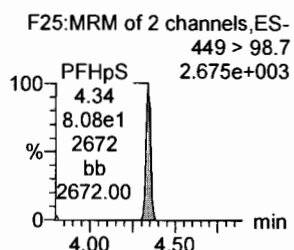
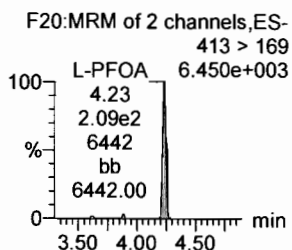
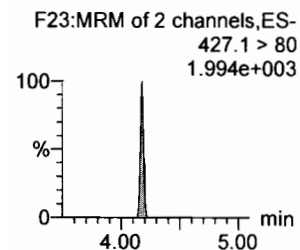
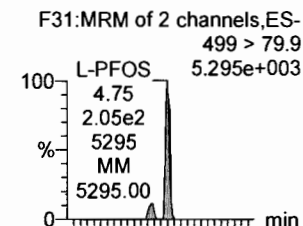
PFNA



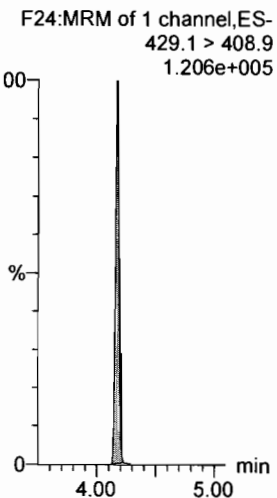
PFOSA



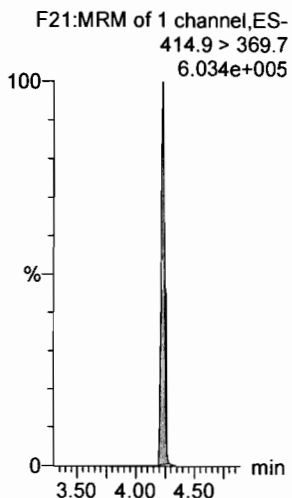
L-PFOS



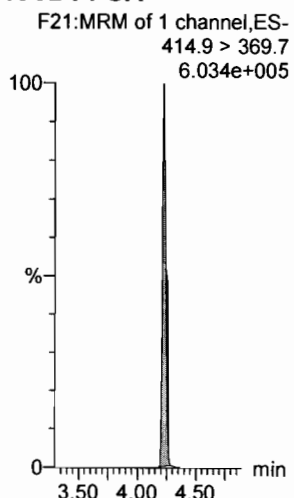
13C2-6:2 FTS



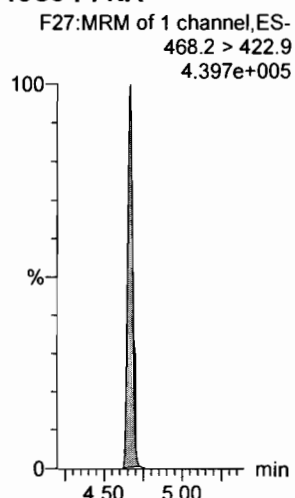
13C2-PFOA



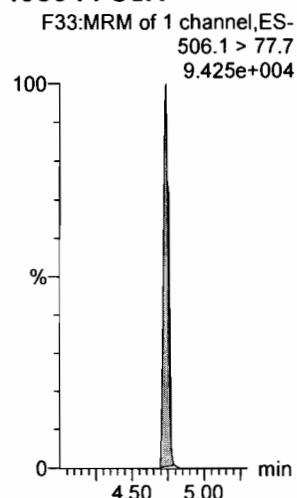
13C2-PFOA



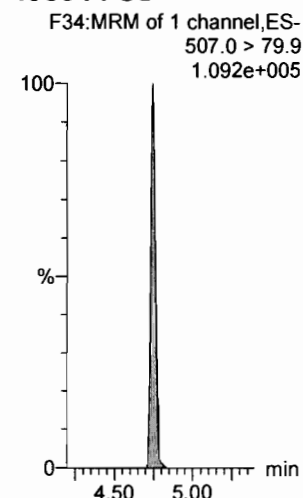
13C5-PFNA



13C8-PFOA



13C8-PFOS



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

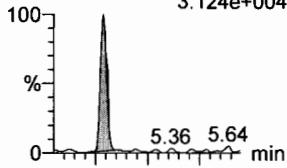
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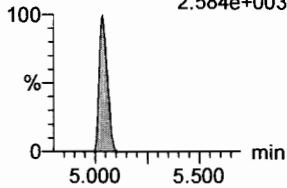
Name: 180312M1\_3, Date: 12-Mar-2018, Time: 22:01:04, ID: ST180312M1-2 PFC CS-1 18B2814, Description: PFC CS-1 18B2814

**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
3.124e+004

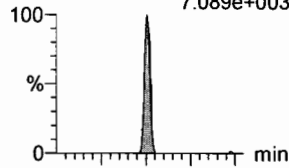


F36:MRM of 2 channels,ES-  
513 > 219  
2.584e+003

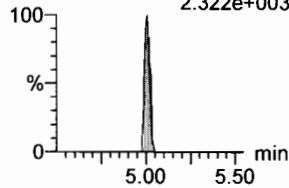


**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
7.089e+003

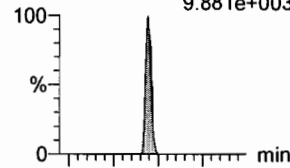


F41:MRM of 2 channels,ES-  
527 > 80  
2.322e+003

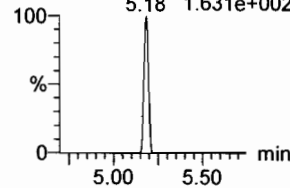


**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
9.881e+003

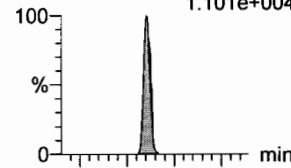


F47:MRM of 2 channels,ES-  
570.1 > 483.0  
1.631e+002

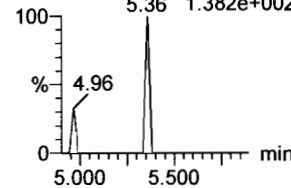


**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
1.101e+004

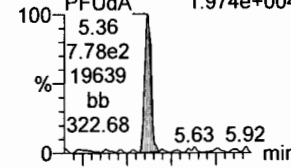


F50:MRM of 2 channels,ES-  
584.2 > 483.0  
1.382e+002

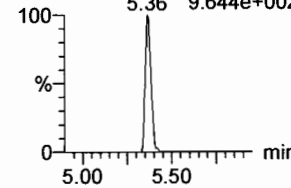


**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
1.974e+004

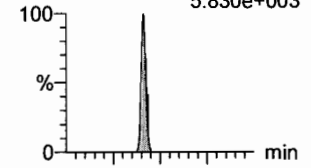


F45:MRM of 2 channels,ES-  
563.0 > 269  
9.644e+002

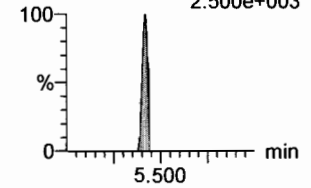


**PFDS**

F52:MRM of 2 channels,ES-  
598.8 > 80  
5.830e+003

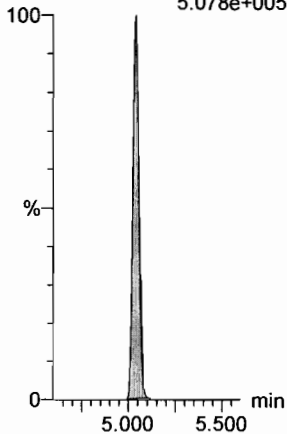


F52:MRM of 2 channels,ES-  
598.8 > 98.7  
2.500e+003



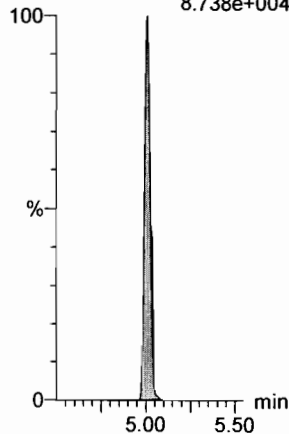
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
5.078e+005



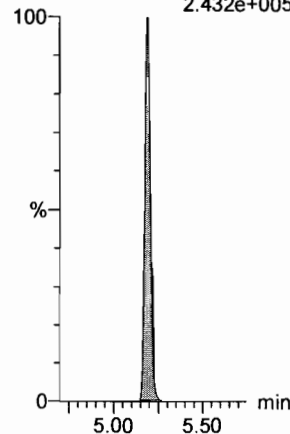
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
8.738e+004



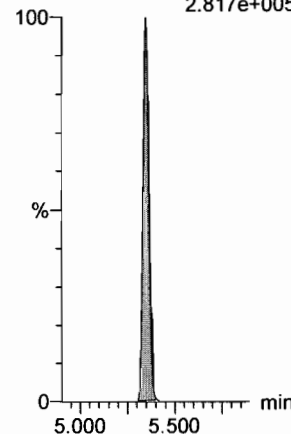
**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
2.432e+005



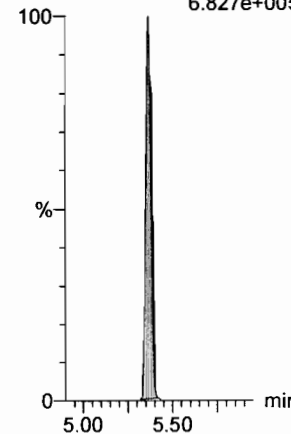
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
2.817e+005



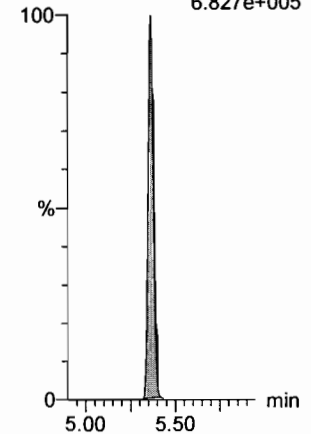
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
6.827e+005



**13C2-PFUDa**

F46:MRM of 1 channel,ES-  
565 > 519.8  
6.827e+005



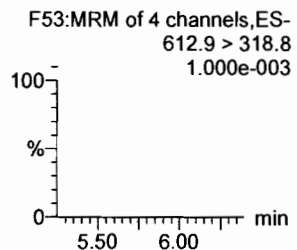
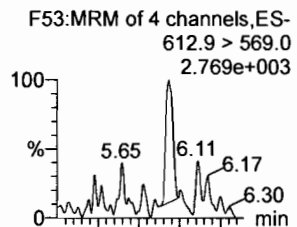
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

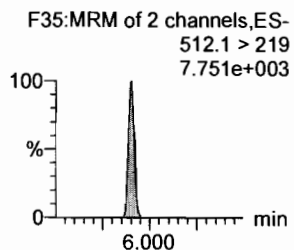
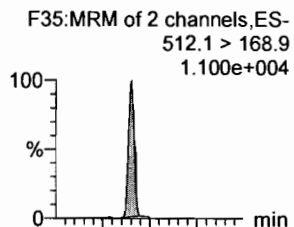
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Name: 180312M1\_3, Date: 12-Mar-2018, Time: 22:01:04, ID: ST180312M1-2 PFC CS-1 18B2814, Description: PFC CS-1 18B2814

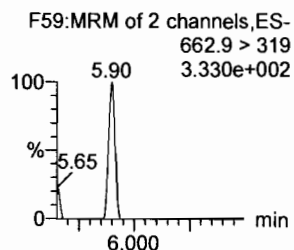
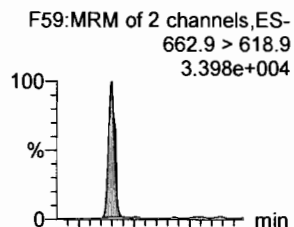
**PFDoA**



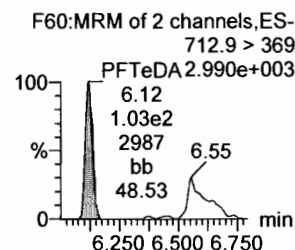
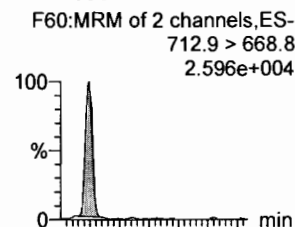
**N-MeFOSA**



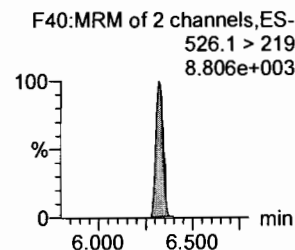
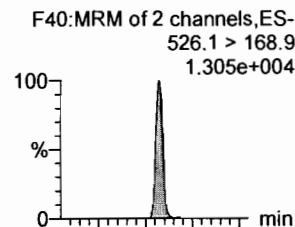
**PFTrDA**



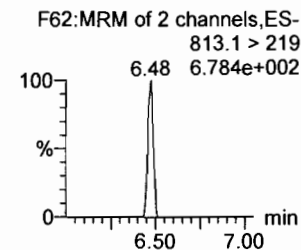
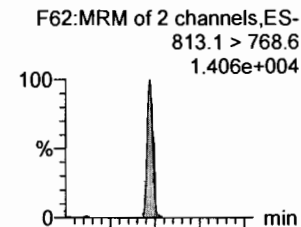
**PFTeDA**



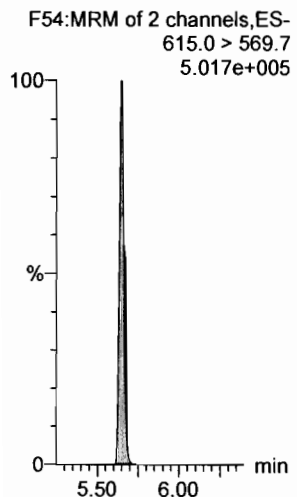
**N-EtFOSA**



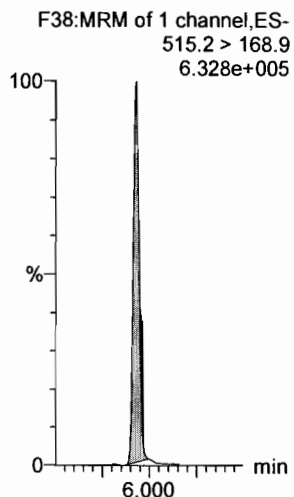
**PFHxDA**



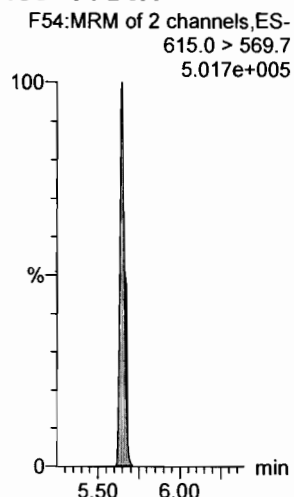
**13C2-PFDoA**



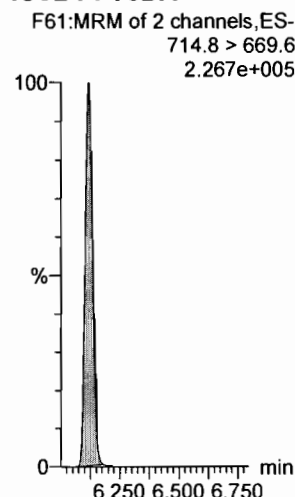
**d3-N-MeFOSA**



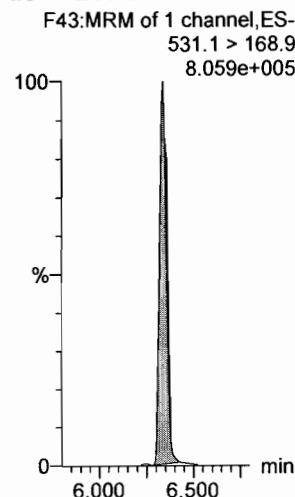
**13C2-PFTeDA**



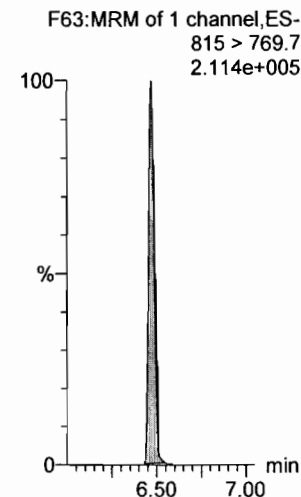
**13C2-PFTeDA**



**d5-N-ETFOSA**



**13C2-PFHxDA**



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

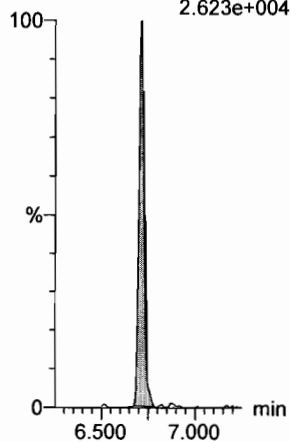
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Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_3, Date: 12-Mar-2018, Time: 22:01:04, ID: ST180312M1-2 PFC CS-1 18B2814, Description: PFC CS-1 18B2814

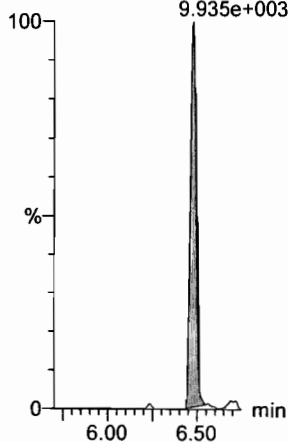
**PFODA**

F64:MRM of 1 channel,ES-  
913.1 > 868.8  
2.623e+004



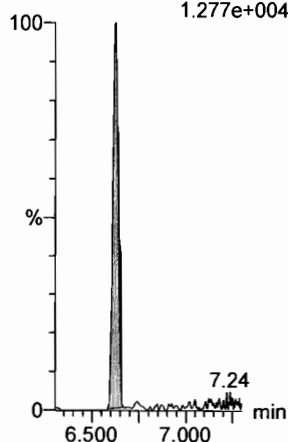
**N-MeFOSE**

F55:MRM of 1 channel,ES-  
616.1 > 58.9  
9.935e+003



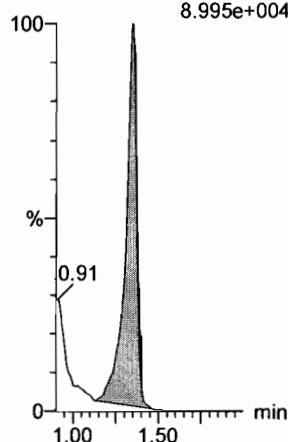
**N-EtFOSE**

F57:MRM of 1 channel,ES-  
630.1 > 58.9  
1.277e+004



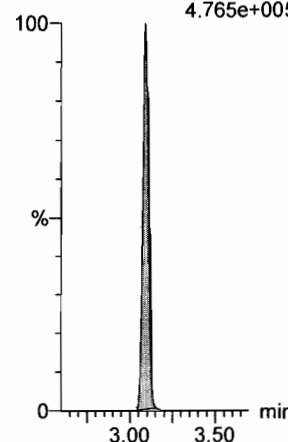
**13C4-PFBA**

F3:MRM of 1 channel,ES-  
217. > 171.8  
8.995e+004



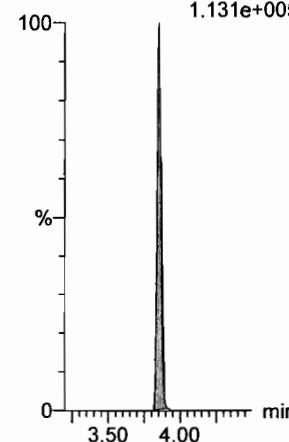
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
4.765e+005



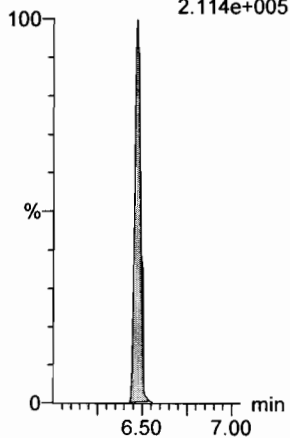
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
1.131e+005



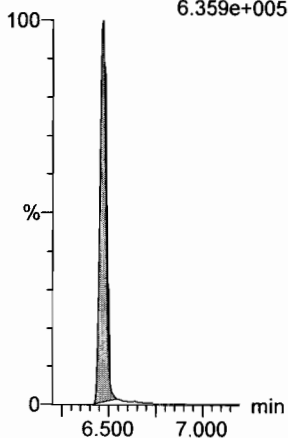
**13C2-PFHxDa**

F63:MRM of 1 channel,ES-  
815 > 769.7  
2.114e+005



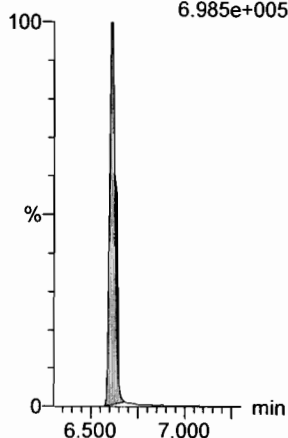
**d7-N-MeFOSE**

F56:MRM of 1 channel,ES-  
623.1 > 58.9  
6.359e+005



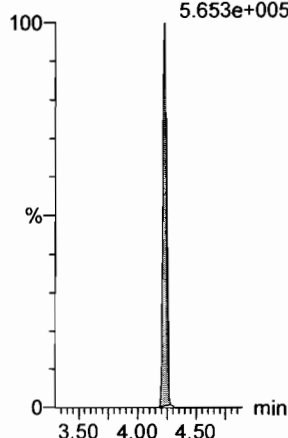
**d9-N-EtFOSE**

F58:MRM of 1 channel,ES-  
639.2 > 58.8  
6.985e+005



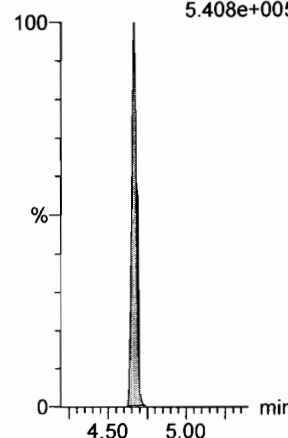
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
5.653e+005



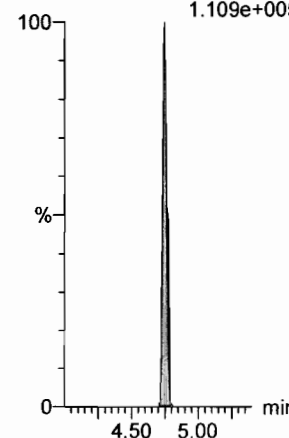
**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
5.408e+005



**13C4-PFOS**

F32:MRM of 1 channel,ES-  
503 > 79.9  
1.109e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

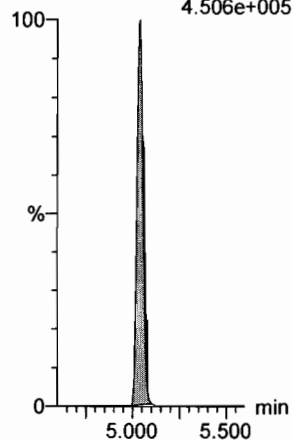
Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_3, Date: 12-Mar-2018, Time: 22:01:04, ID: ST180312M1-2 PFC CS-1 18B2814, Description: PFC CS-1 18B2814

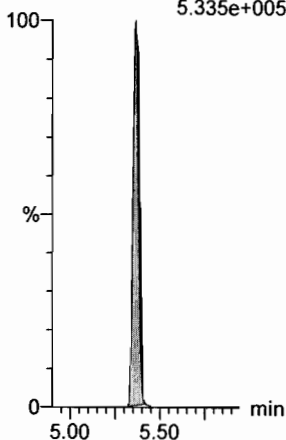
**13C6-PFDA**

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
4.506e+005



**13C7-PFUdA**

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
5.335e+005



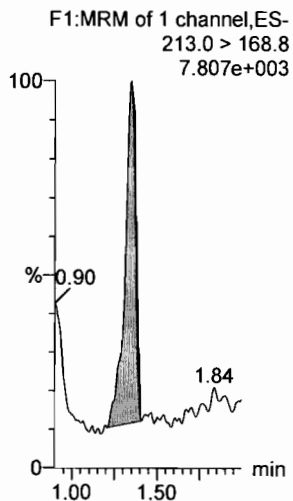
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Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

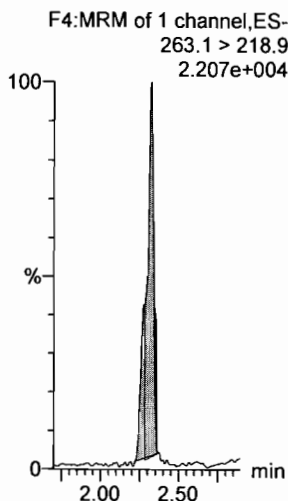
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Name: 180312M1\_4, Date: 12-Mar-2018, Time: 22:12:32, ID: ST180312M1-3 PFC CS0 18B2815, Description: PFC CS0 18B2815

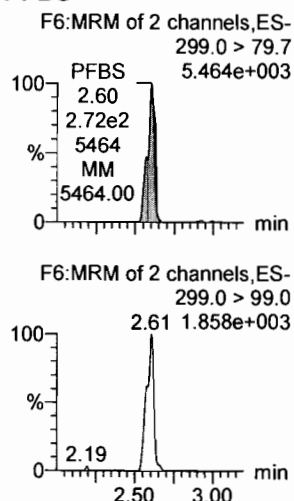
**PFBA**



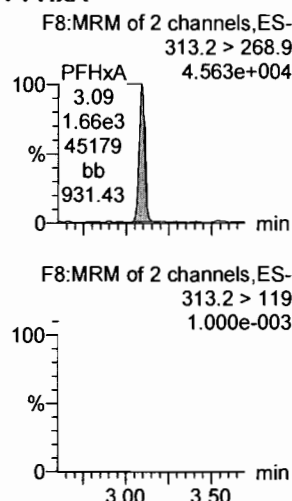
**PFPeA**



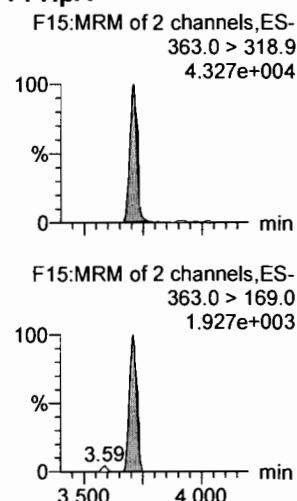
**PFBS**



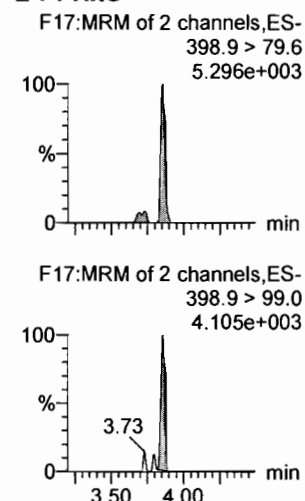
**PFHxA**



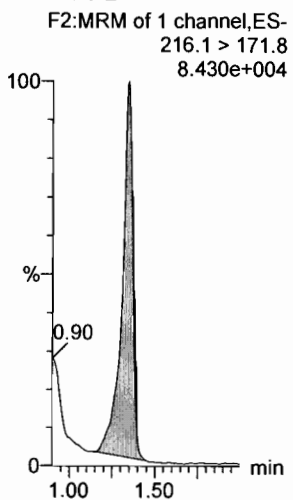
**PFHpA**



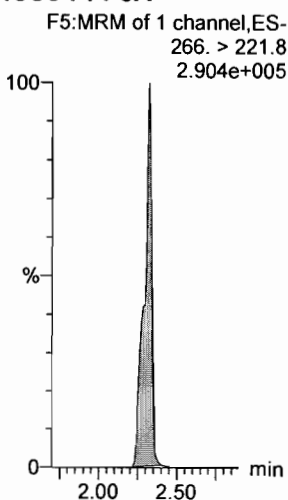
**L-PFHxS**



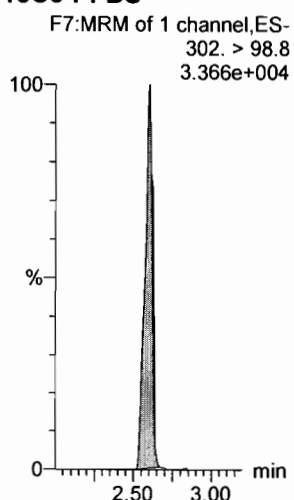
**13C3-PFBA**



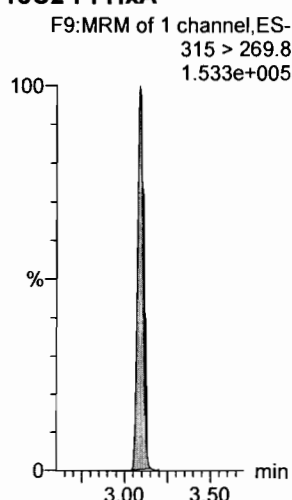
**13C3-PFPeA**



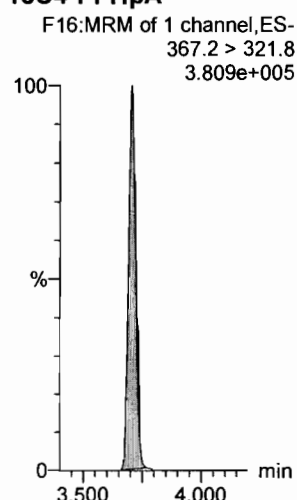
**13C3-PFBS**



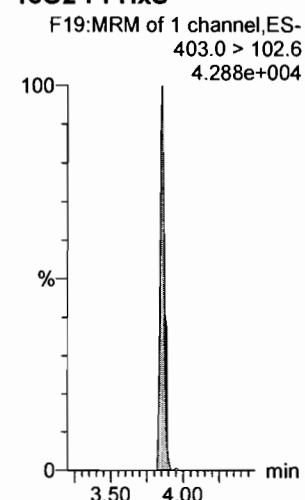
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**





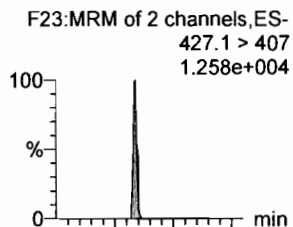
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

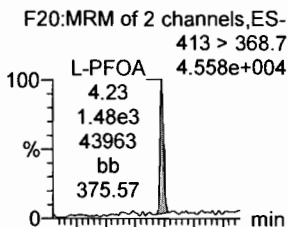
Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_4, Date: 12-Mar-2018, Time: 22:12:32, ID: ST180312M1-3 PFC CS0 18B2815, Description: PFC CS0 18B2815

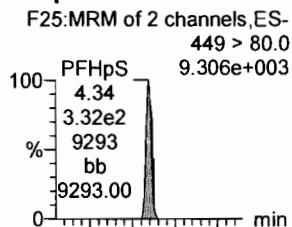
6:2 FTS



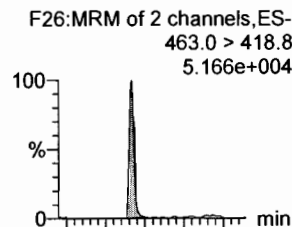
L-PFOA



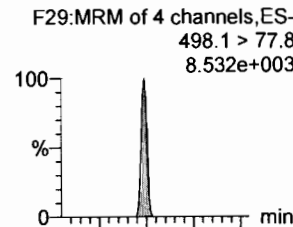
PFHpS



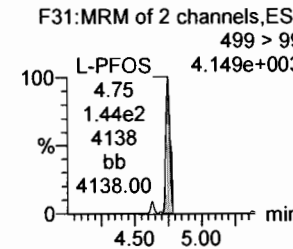
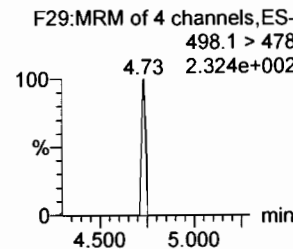
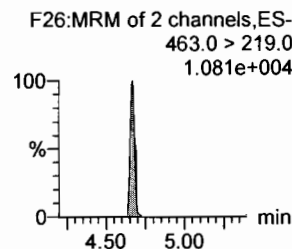
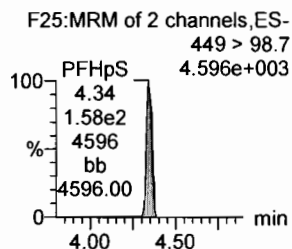
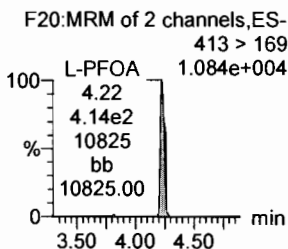
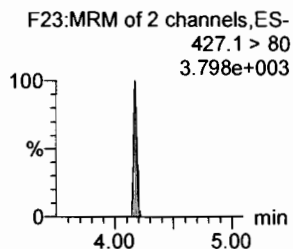
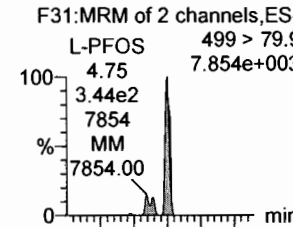
PFNA



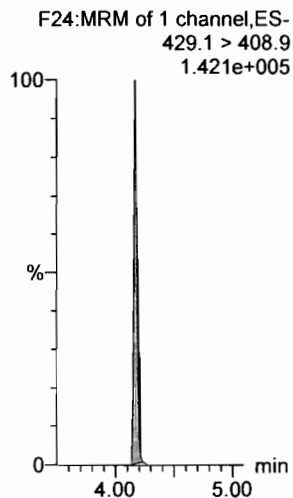
PFOSA



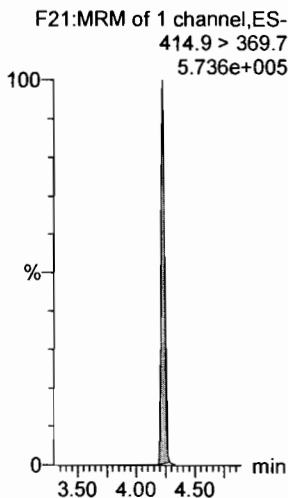
L-PFOS



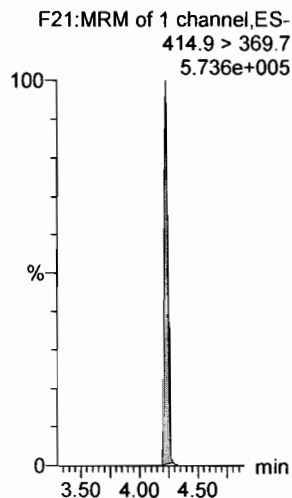
13C2-6:2 FTS



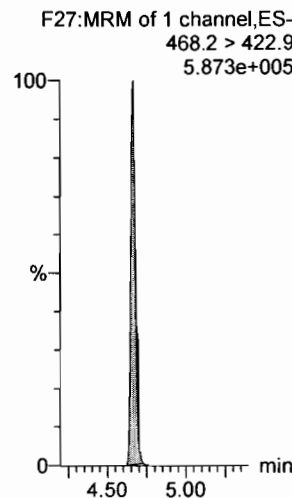
13C2-PFOA



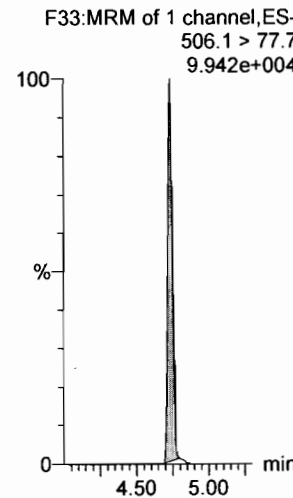
13C2-PFOA



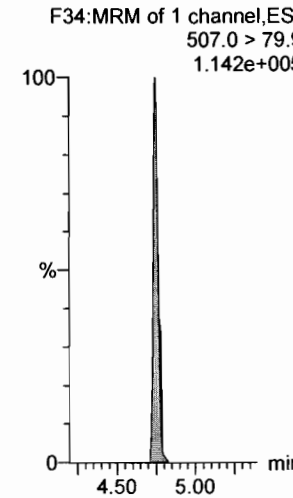
13C5-PFNA



13C8-PFOSA



13C8-PFOS



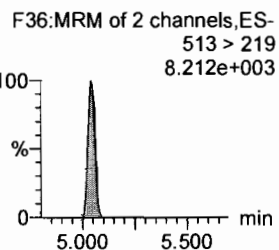
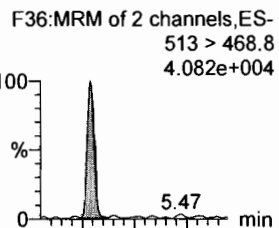
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Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

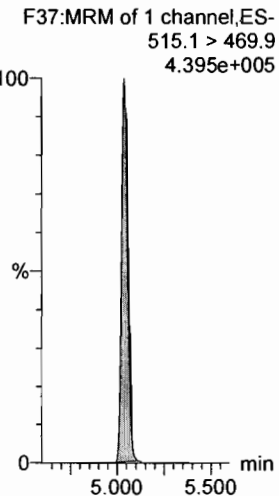
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Name: 180312M1\_4, Date: 12-Mar-2018, Time: 22:12:32, ID: ST180312M1-3 PFC CS0 18B2815, Description: PFC CS0 18B2815

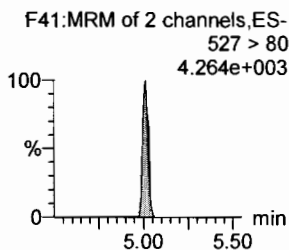
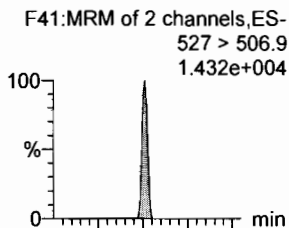
**PFDA**



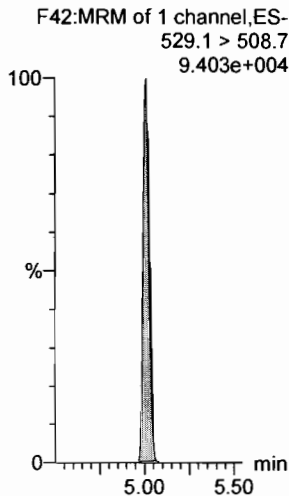
**13C2-PFDA**



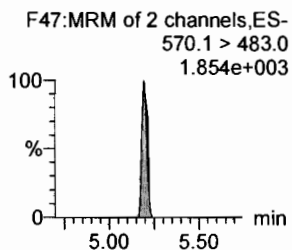
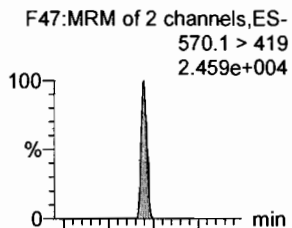
**8:2 FTS**



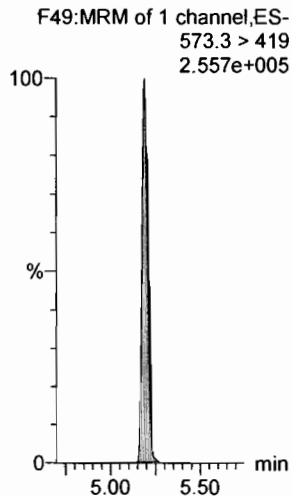
**13C2-8:2 FTS**



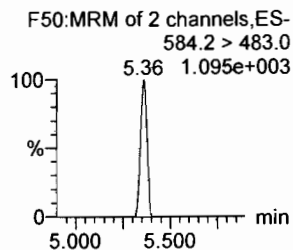
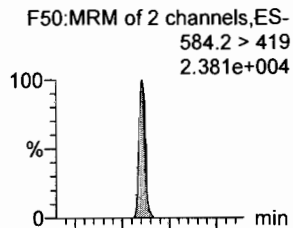
**N-MeFOSAA**



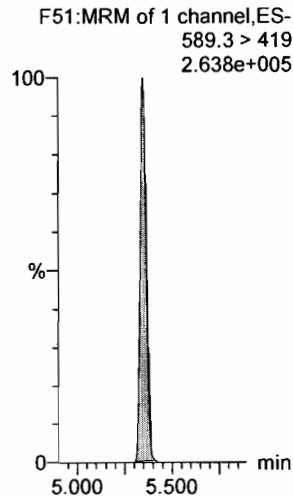
**d3-N-MeFOSAA**



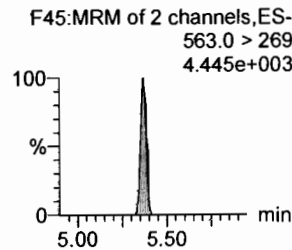
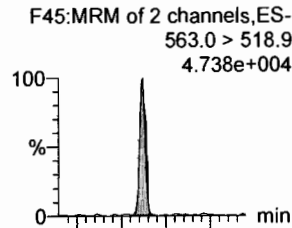
**N-EtFOSAA**



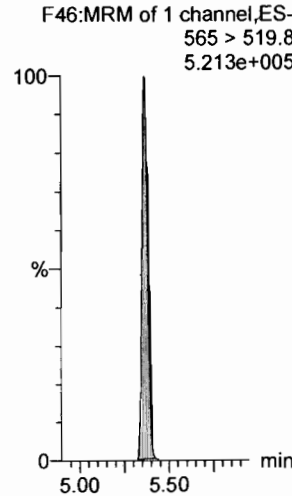
**d5-N-EtFOSAA**



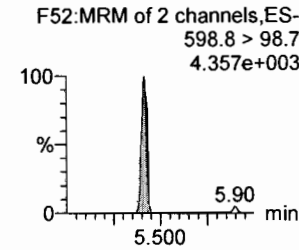
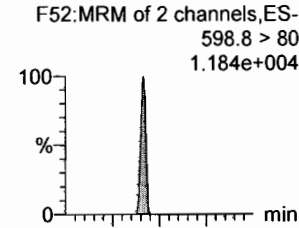
**PFUdA**



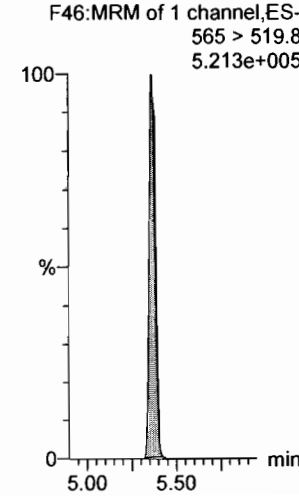
**13C2-PFUdA**



**PFDS**



**13C2-PFUdA**



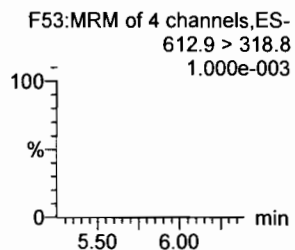
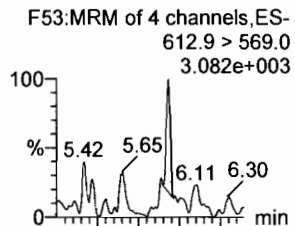
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Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

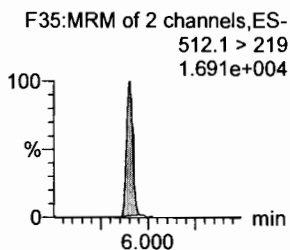
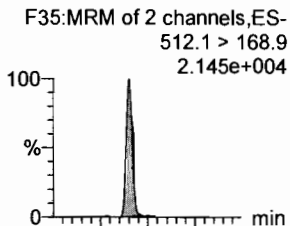
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Name: 180312M1\_4, Date: 12-Mar-2018, Time: 22:12:32, ID: ST180312M1-3 PFC CS0 18B2815, Description: PFC CS0 18B2815

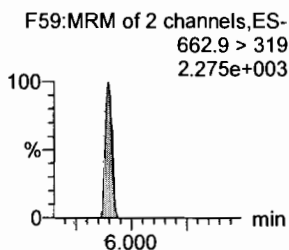
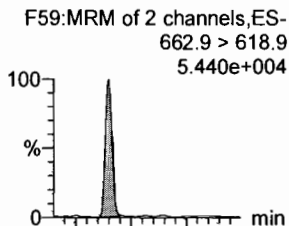
**PFDoA**



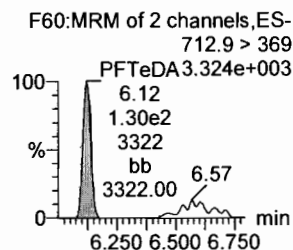
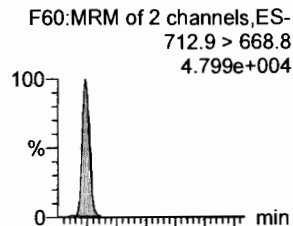
**N-MeFOSA**



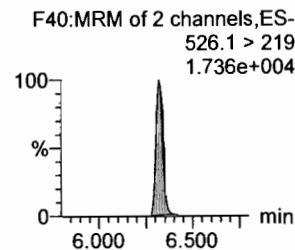
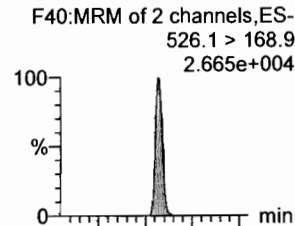
**PFTrDA**



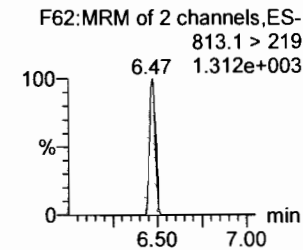
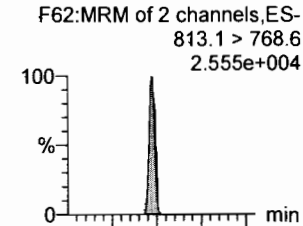
**PFTeDA**



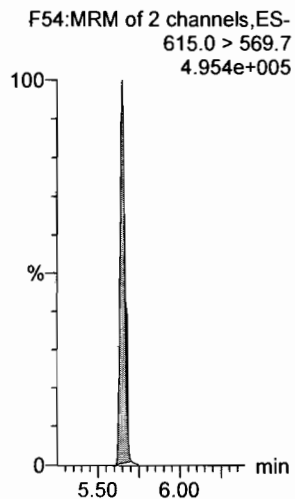
**N-EtFOSA**



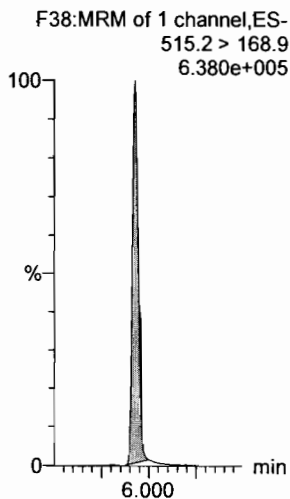
**PFHxDA**



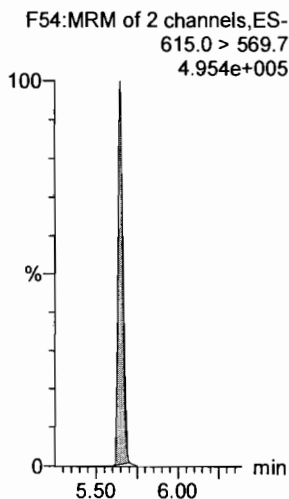
**13C2-PFDoA**



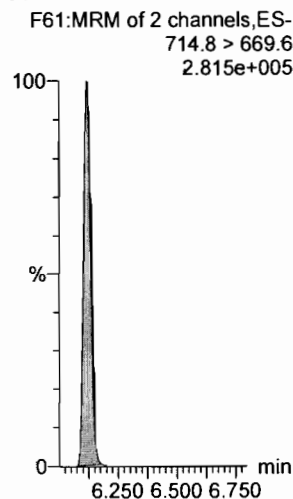
**d3-N-MeFOSA**



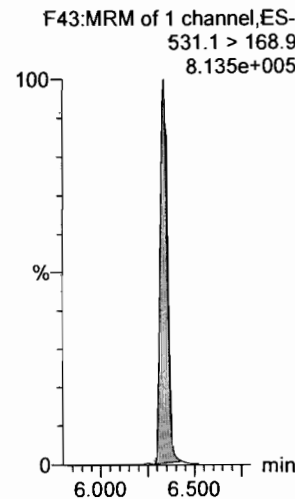
**13C2-PFTeDA**



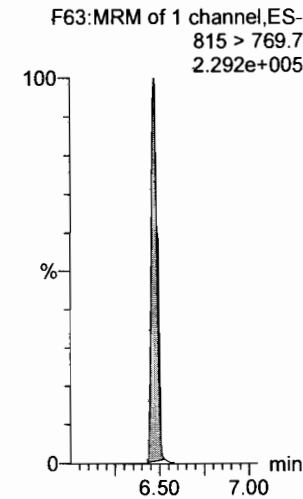
**13C2-PFTeDA**



**d5-N-ETFOSA**



**13C2-PFHxDA**



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

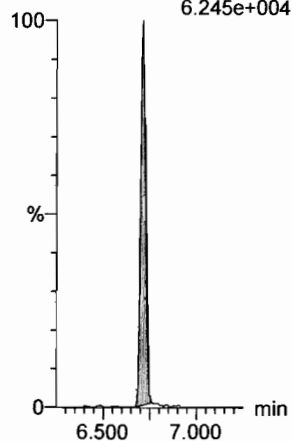
Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_4, Date: 12-Mar-2018, Time: 22:12:32, ID: ST180312M1-3 PFC CS0 18B2815, Description: PFC CS0 18B2815

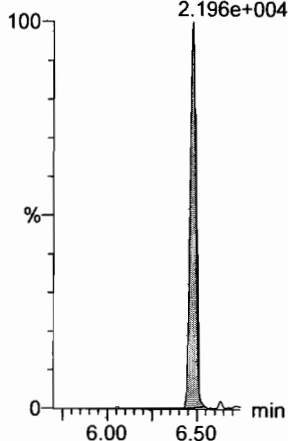
**PFODA**

F64:MRM of 1 channel,ES-  
913.1 > 868.8  
6.245e+004



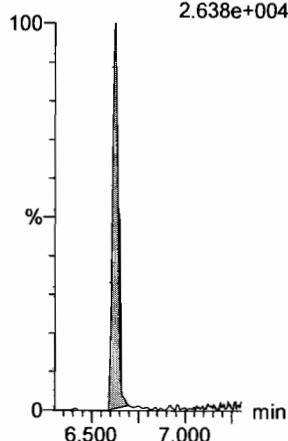
**N-MeFOSE**

F55:MRM of 1 channel,ES-  
616.1 > 58.9  
2.196e+004



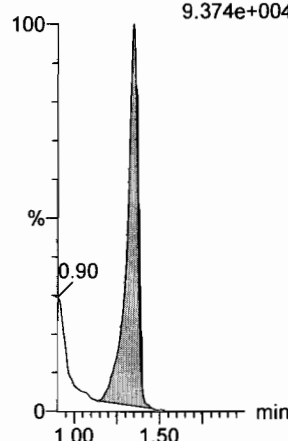
**N-EtFOSE**

F57:MRM of 1 channel,ES-  
630.1 > 58.9  
2.638e+004



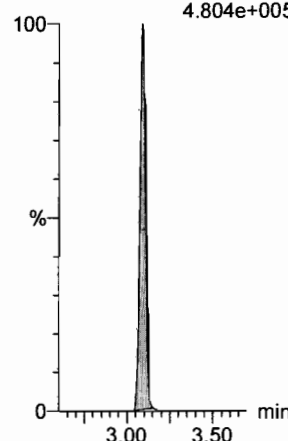
**13C4-PFBA**

F3:MRM of 1 channel,ES-  
217. > 171.8  
9.374e+004



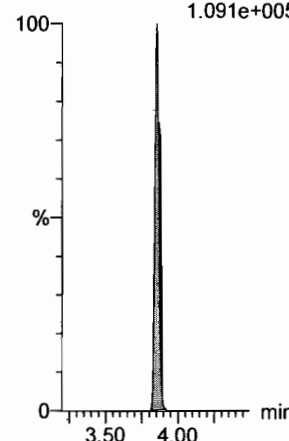
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
4.804e+005



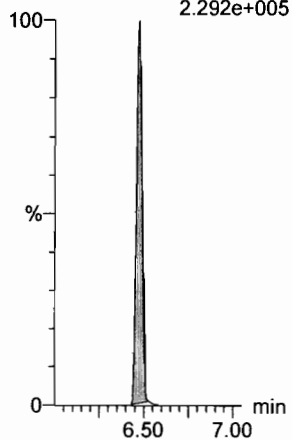
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
1.091e+005



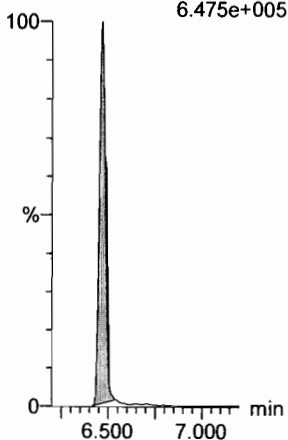
**13C2-PFHxDa**

F63:MRM of 1 channel,ES-  
815 > 769.7  
2.292e+005



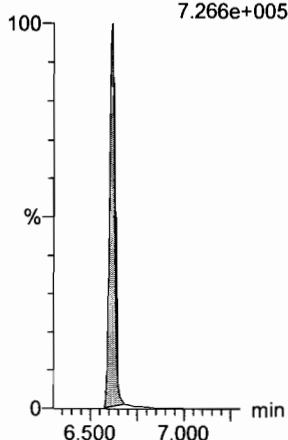
**d7-N-MeFOSE**

F56:MRM of 1 channel,ES-  
623.1 > 58.9  
6.475e+005



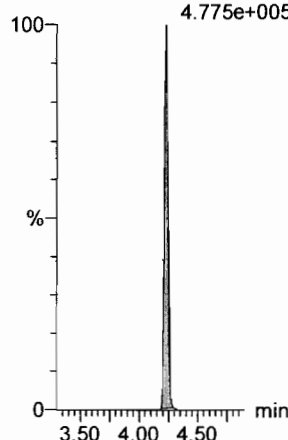
**d9-N-EtFOSE**

F58:MRM of 1 channel,ES-  
639.2 > 58.8  
7.266e+005



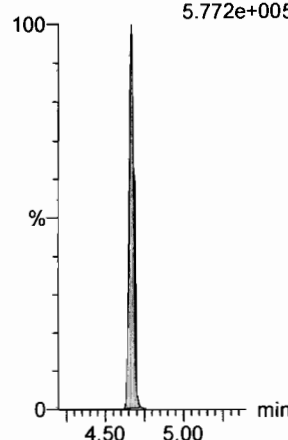
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
4.775e+005



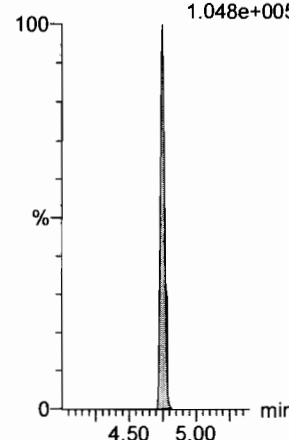
**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
5.772e+005



**13C4-PFOS**

F32:MRM of 1 channel,ES-  
503 > 79.9  
1.048e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

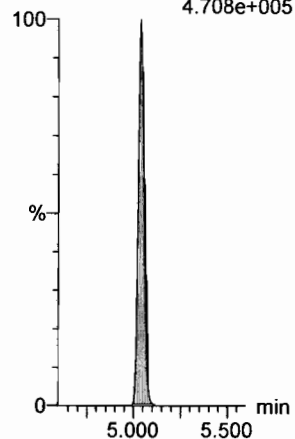
Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_4, Date: 12-Mar-2018, Time: 22:12:32, ID: ST180312M1-3 PFC CS0 18B2815, Description: PFC CS0 18B2815

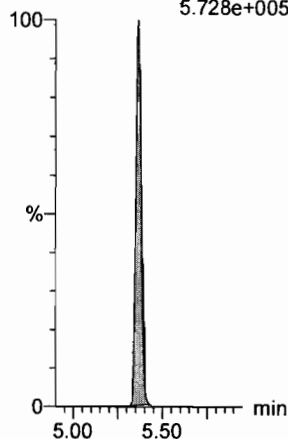
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
4.708e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
5.728e+005

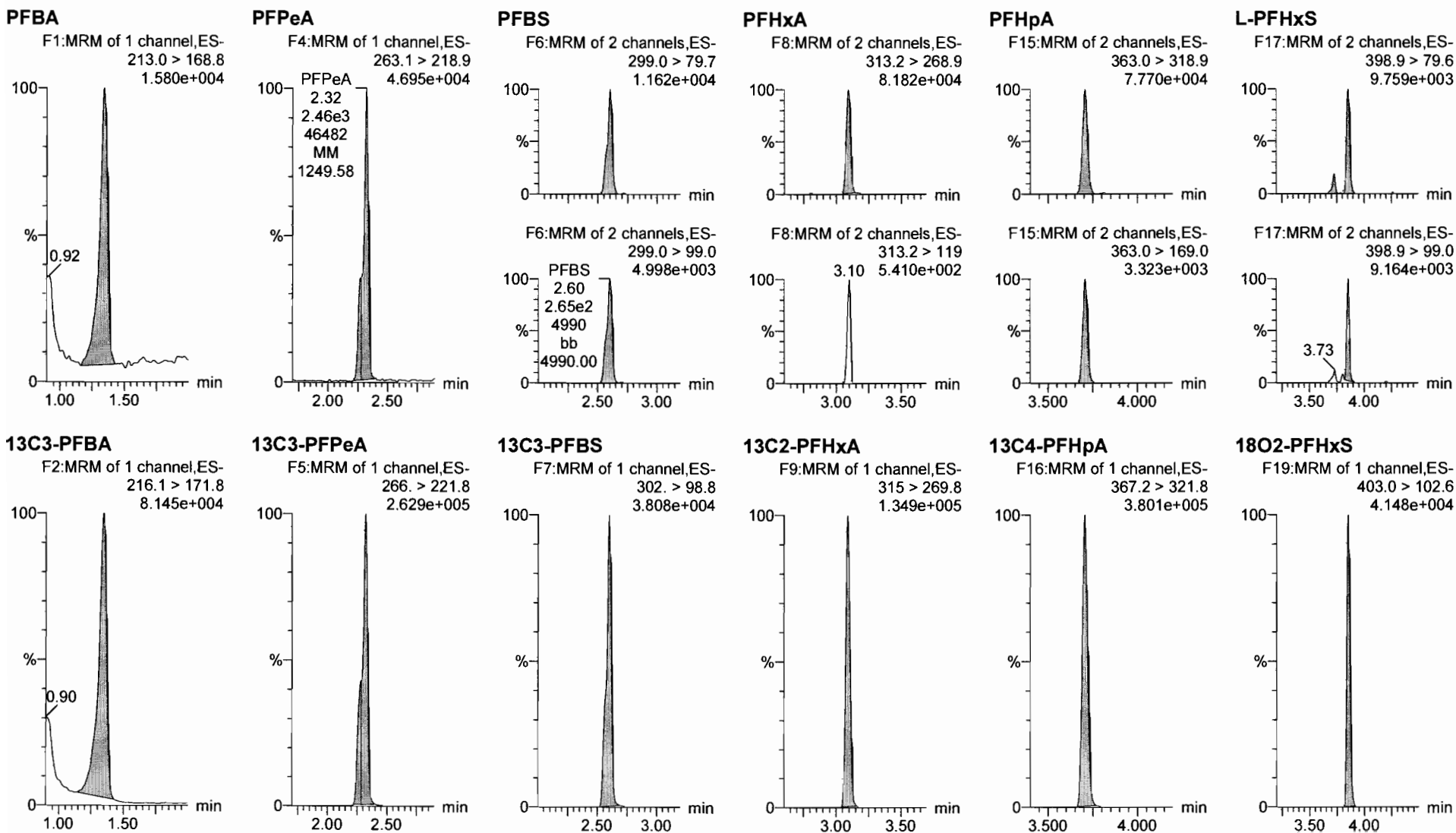


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Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

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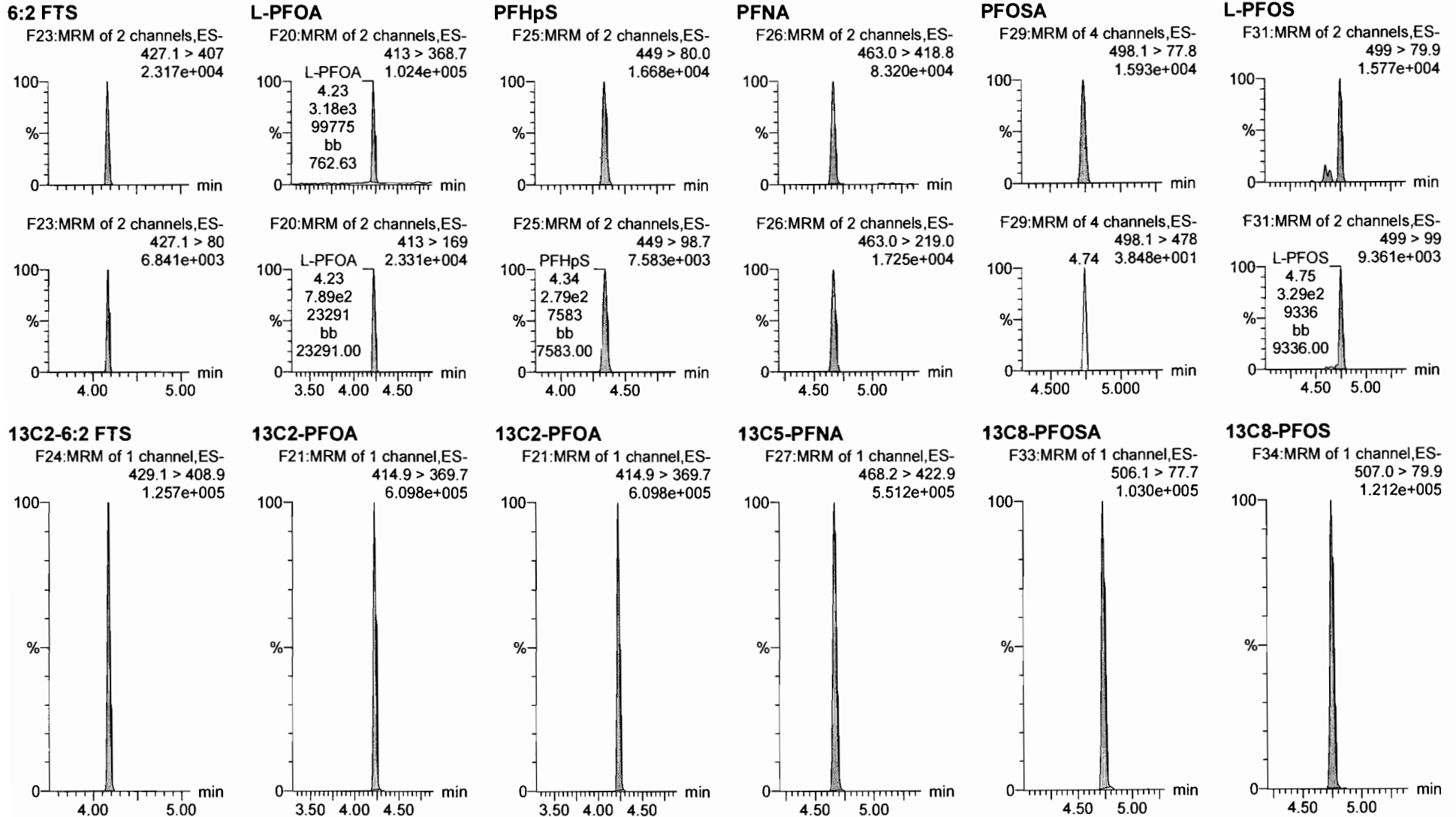


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_5, Date: 12-Mar-2018, Time: 22:23:59, ID: ST180312M1-4 PFC CS1 18B2816, Description: PFC CS1 18B2816



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

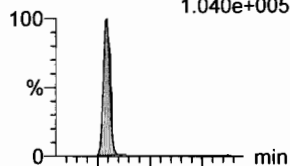
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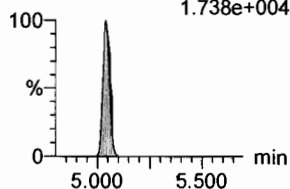
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**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
1.040e+005

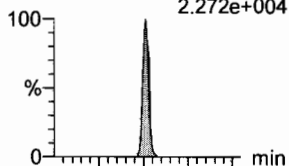


F36:MRM of 2 channels,ES-  
513 > 219  
1.738e+004

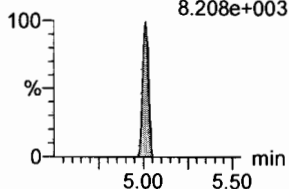


**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
2.272e+004

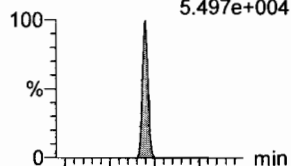


F41:MRM of 2 channels,ES-  
527 > 80  
8.208e+003

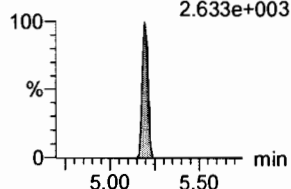


**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
5.497e+004

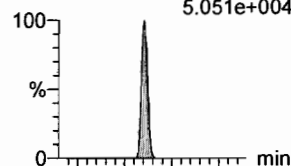


F47:MRM of 2 channels,ES-  
570.1 > 483.0  
2.633e+003

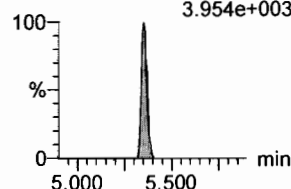


**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
5.051e+004

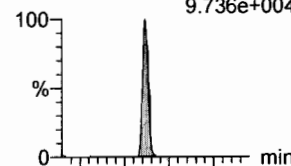


F50:MRM of 2 channels,ES-  
584.2 > 483.0  
3.954e+003

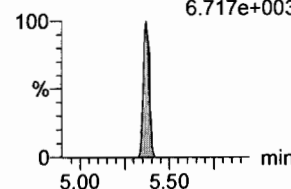


**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
9.736e+004

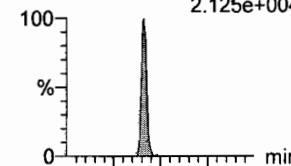


F45:MRM of 2 channels,ES-  
563.0 > 269  
6.717e+003

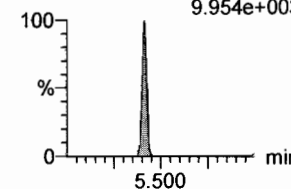


**PFDS**

F52:MRM of 2 channels,ES-  
598.8 > 80  
2.125e+004

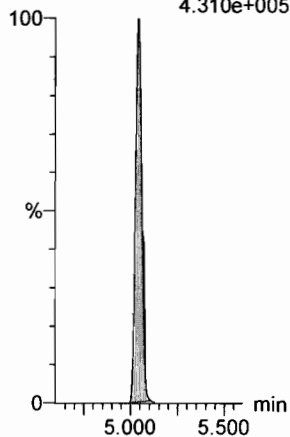


F52:MRM of 2 channels,ES-  
598.8 > 98.7  
9.954e+003



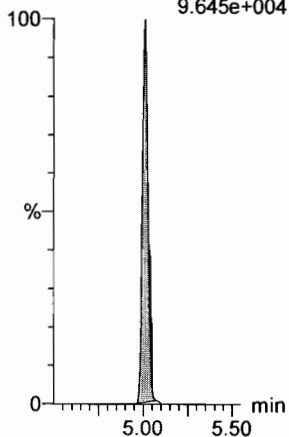
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
4.310e+005



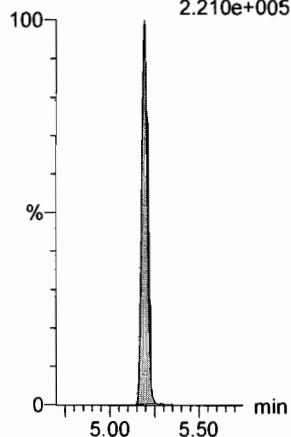
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
9.645e+004



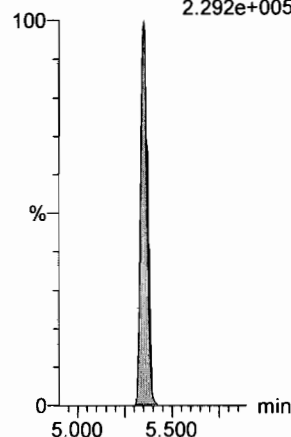
**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
2.210e+005



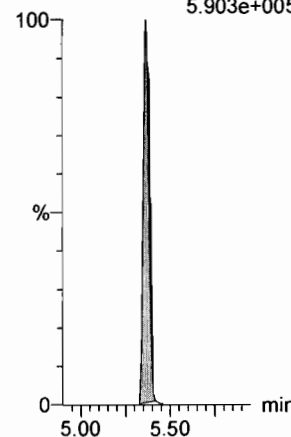
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
2.292e+005



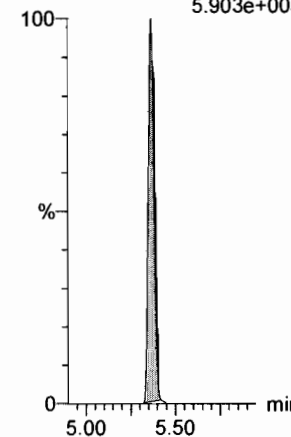
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
5.903e+005



**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
5.903e+005



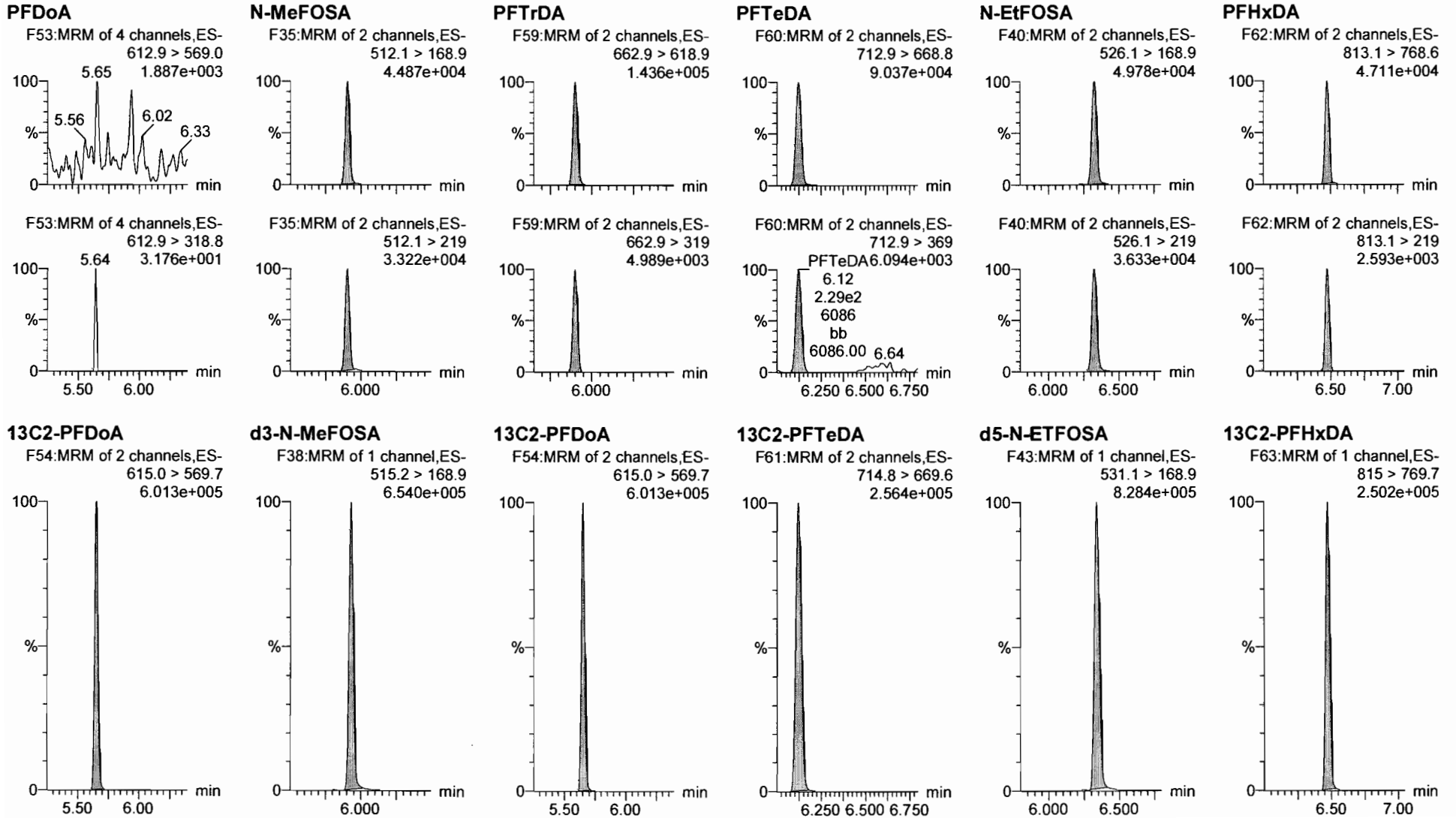


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_5, Date: 12-Mar-2018, Time: 22:23:59, ID: ST180312M1-4 PFC CS1 18B2816, Description: PFC CS1 18B2816



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

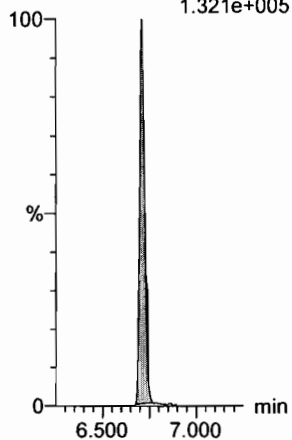
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Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_5, Date: 12-Mar-2018, Time: 22:23:59, ID: ST180312M1-4 PFC CS1 18B2816, Description: PFC CS1 18B2816

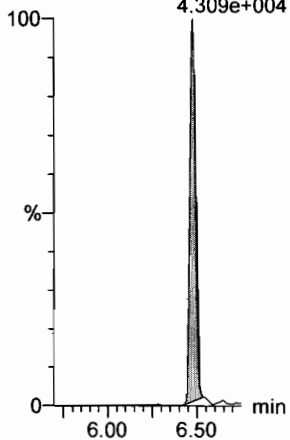
**PFODA**

F64:MRM of 1 channel,ES-  
913.1 > 868.8  
1.321e+005



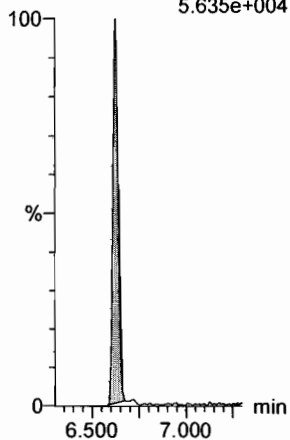
**N-MeFOSE**

F55:MRM of 1 channel,ES-  
616.1 > 58.9  
4.309e+004



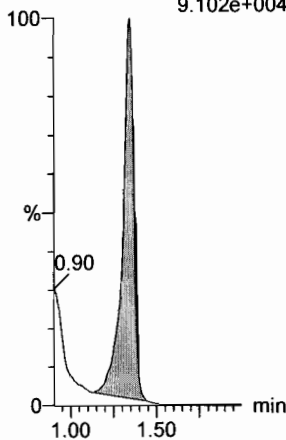
**N-EtFOSE**

F57:MRM of 1 channel,ES-  
630.1 > 58.9  
5.635e+004



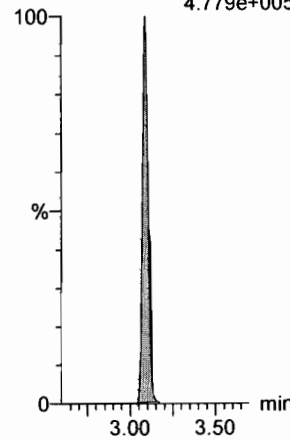
**13C4-PFBA**

F3:MRM of 1 channel,ES-  
217. > 171.8  
9.102e+004



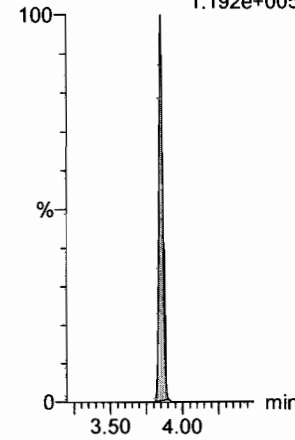
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
4.779e+005



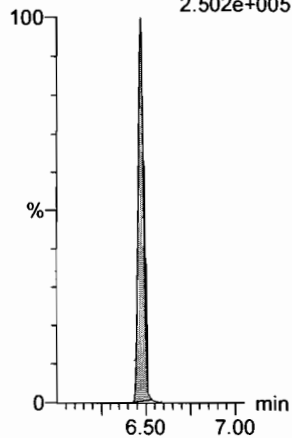
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
1.192e+005



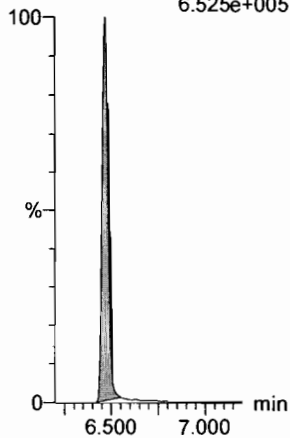
**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
2.502e+005



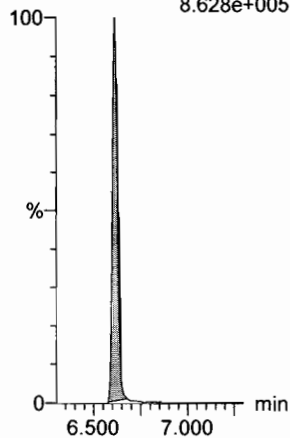
**d7-N-MeFOSE**

F56:MRM of 1 channel,ES-  
623.1 > 58.9  
6.525e+005



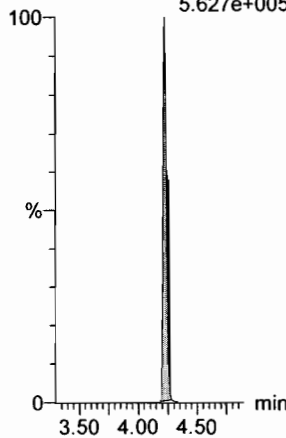
**d9-N-EtFOSE**

F58:MRM of 1 channel,ES-  
639.2 > 58.8  
8.628e+005



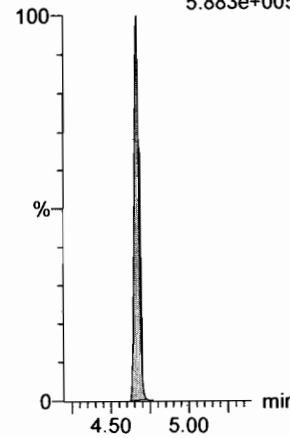
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
5.627e+005



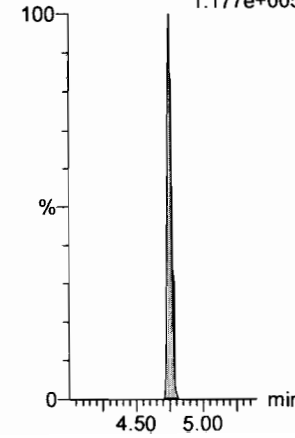
**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
5.883e+005



**13C4-PFOS**

F32:MRM of 1 channel,ES-  
503 > 79.9  
1.177e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

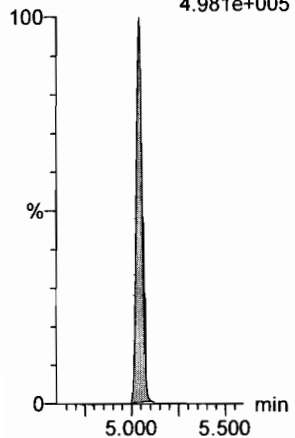
Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_5, Date: 12-Mar-2018, Time: 22:23:59, ID: ST180312M1-4 PFC CS1 18B2816, Description: PFC CS1 18B2816

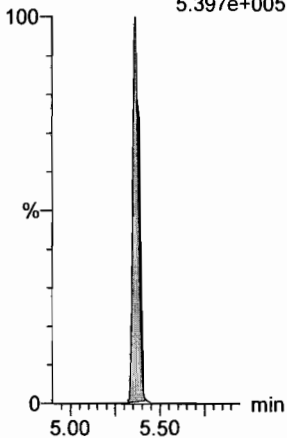
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
4.981e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
5.397e+005



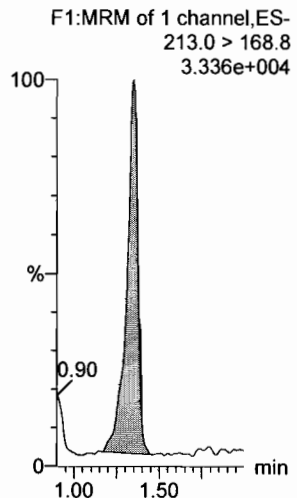
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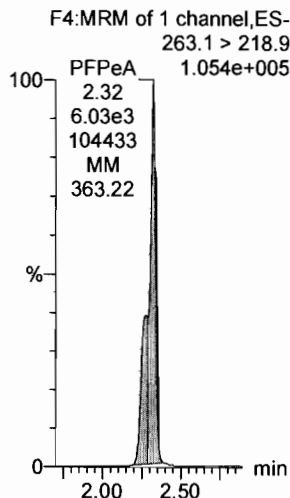
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Name: 180312M1\_6, Date: 12-Mar-2018, Time: 22:35:25, ID: ST180312M1-5 PFC CS2 18B2817, Description: PFC CS2 18B2817

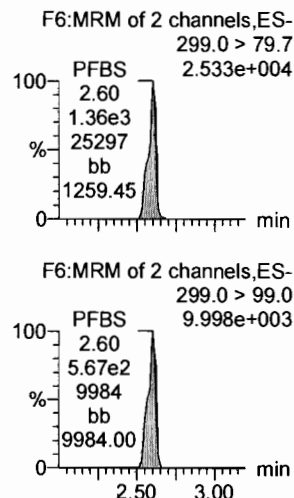
**PFBA**



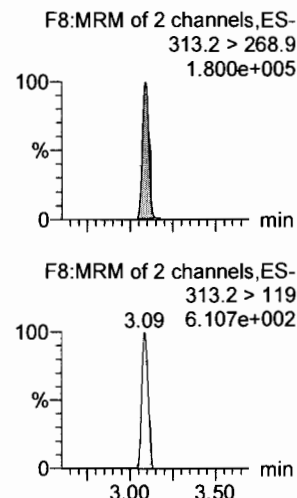
**PFPeA**



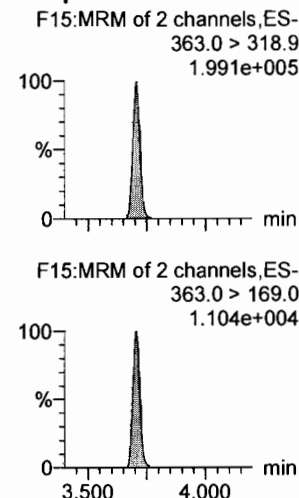
**PFBS**



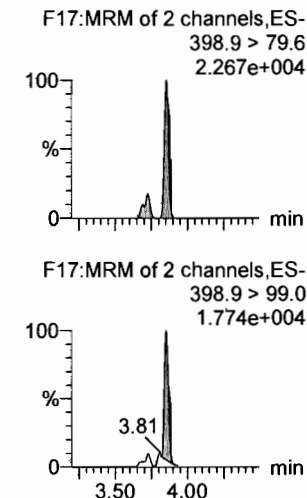
**PFHxA**



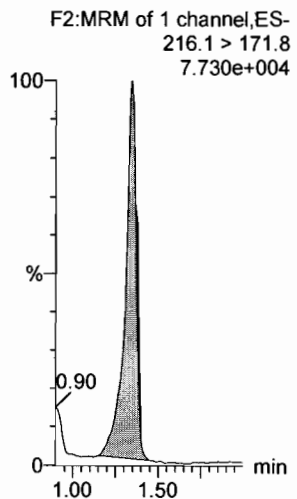
**PFHpA**



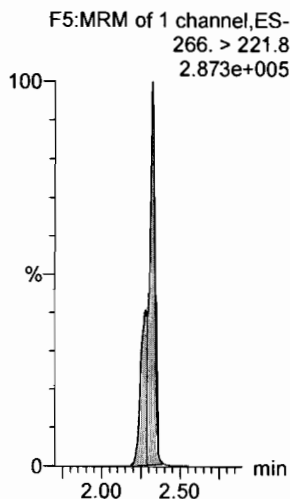
**L-PFHxS**



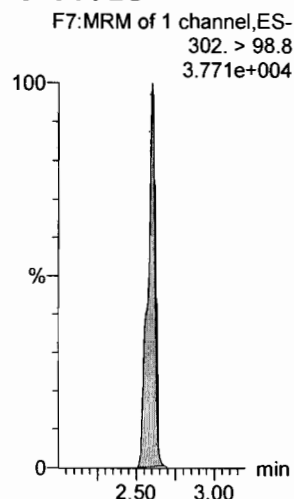
**13C3-PFBA**



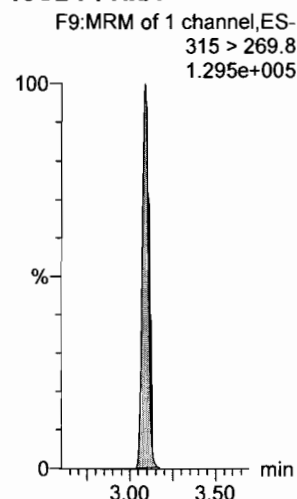
**13C3-PFPeA**



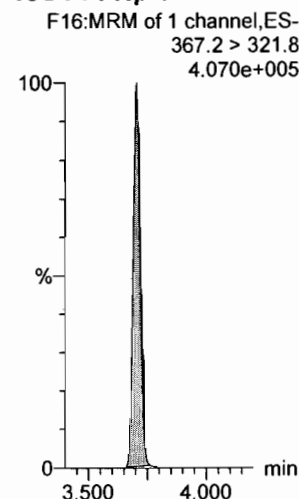
**13C3-PFBS**



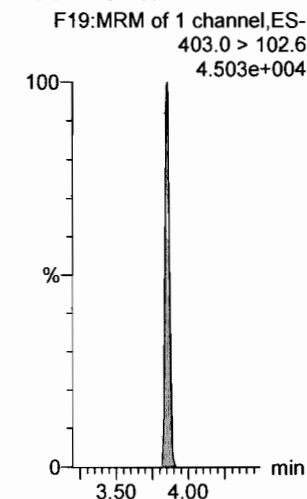
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

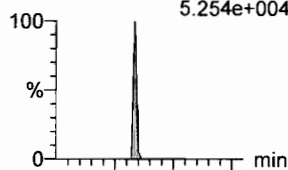
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Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_6, Date: 12-Mar-2018, Time: 22:35:25, ID: ST180312M1-5 PFC CS2 18B2817, Description: PFC CS2 18B2817

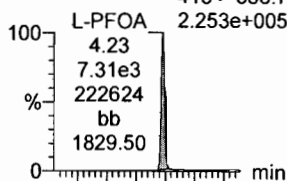
6:2 FTS

F23:MRM of 2 channels,ES-  
427.1 > 407  
5.254e+004



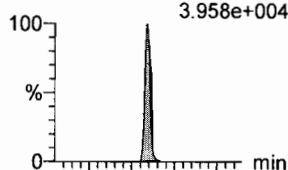
L-PFOA

F20:MRM of 2 channels,ES-  
413 > 368.7  
2.253e+005



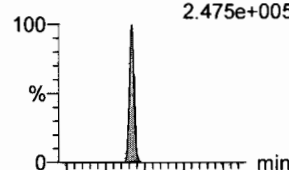
PFHpS

F25:MRM of 2 channels,ES-  
449 > 80.0  
3.958e+004



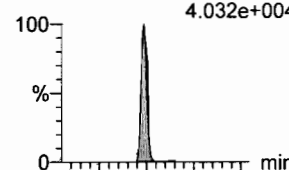
PFNA

F26:MRM of 2 channels,ES-  
463.0 > 418.8  
2.475e+005



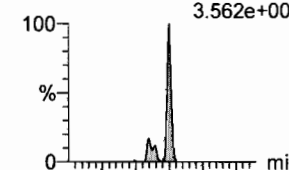
PFOSA

F29:MRM of 4 channels,ES-  
498.1 > 77.8  
4.032e+004

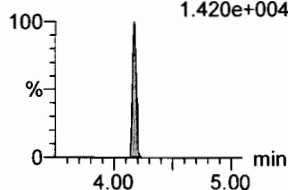


L-PFOS

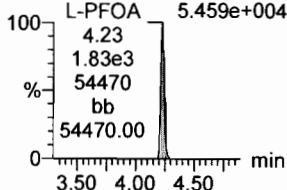
F31:MRM of 2 channels,ES-  
499 > 79.9  
3.562e+004



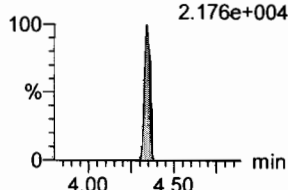
F23:MRM of 2 channels,ES-  
427.1 > 80  
1.420e+004



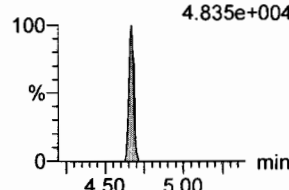
F20:MRM of 2 channels,ES-  
413 > 169  
5.459e+004



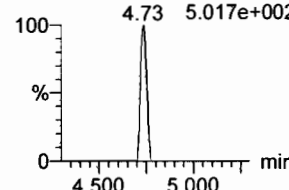
F25:MRM of 2 channels,ES-  
449 > 98.7  
2.176e+004



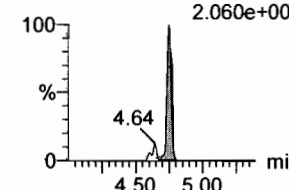
F26:MRM of 2 channels,ES-  
463.0 > 219.0  
4.835e+004



F29:MRM of 4 channels,ES-  
498.1 > 478  
5.017e+002

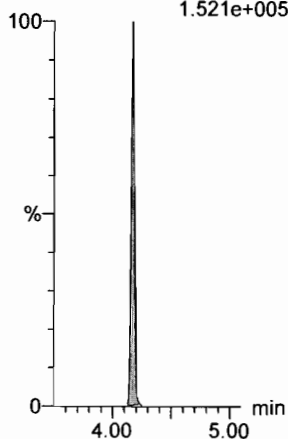


F31:MRM of 2 channels,ES-  
499 > 99  
2.060e+004



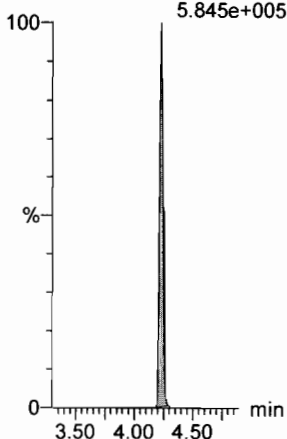
13C2-6:2 FTS

F24:MRM of 1 channel,ES-  
429.1 > 408.9  
1.521e+005



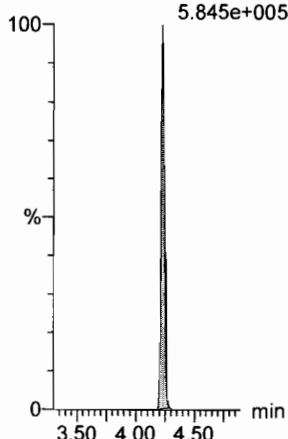
13C2-PFOA

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
5.845e+005



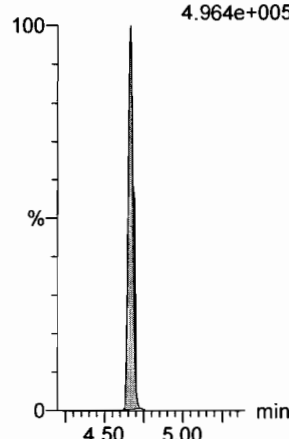
13C2-PFOA

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
5.845e+005



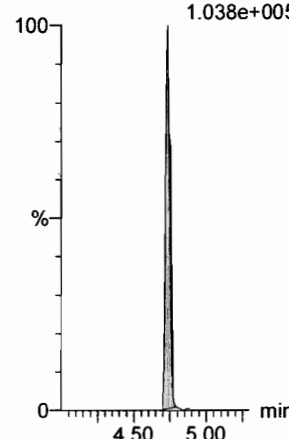
13C5-PFNA

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
4.964e+005



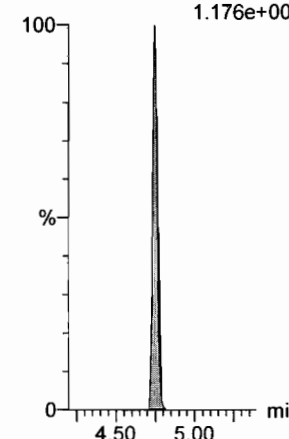
13C8-PFOA

F33:MRM of 1 channel,ES-  
506.1 > 77.7  
1.038e+005



13C8-PFOS

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
1.176e+005

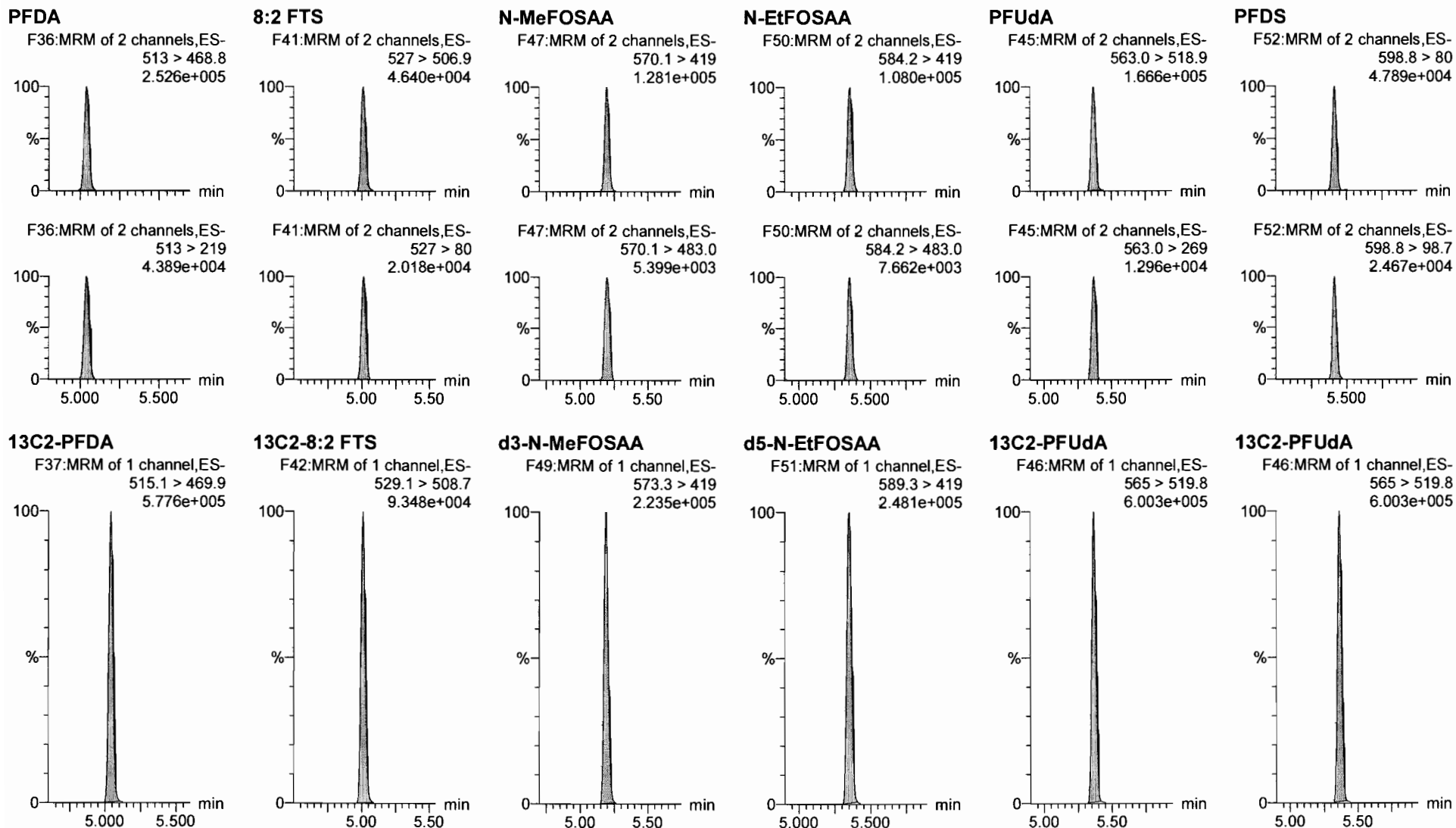


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_6, Date: 12-Mar-2018, Time: 22:35:25, ID: ST180312M1-5 PFC CS2 18B2817, Description: PFC CS2 18B2817



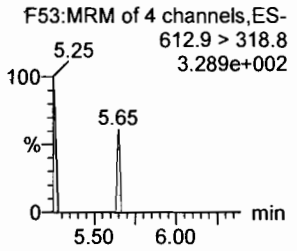
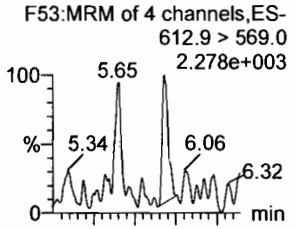
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Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

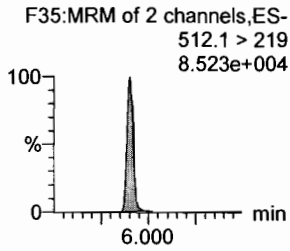
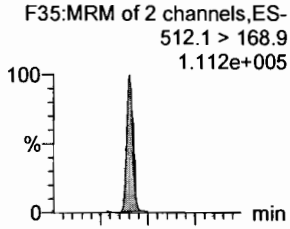
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Name: 180312M1\_6, Date: 12-Mar-2018, Time: 22:35:25, ID: ST180312M1-5 PFC CS2 18B2817, Description: PFC CS2 18B2817

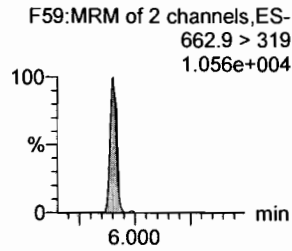
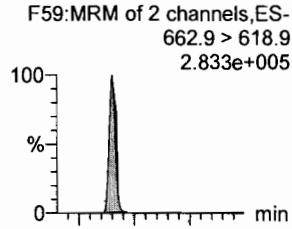
**PFD<sub>o</sub>A**



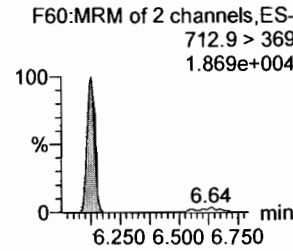
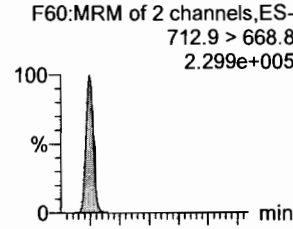
**N-MeFOSA**



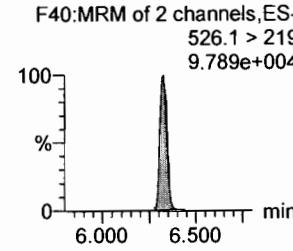
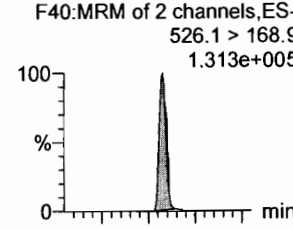
**PFT<sub>r</sub>DA**



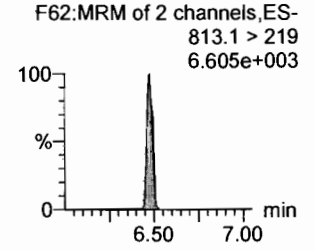
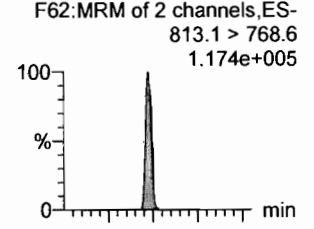
**PFT<sub>e</sub>DA**



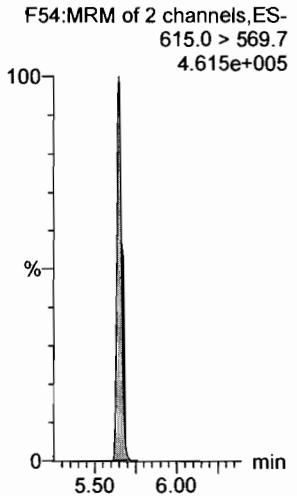
**N-EtFOSA**



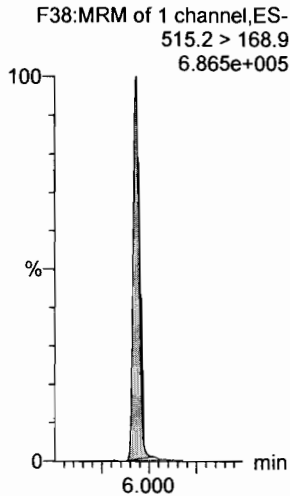
**PFH<sub>x</sub>DA**



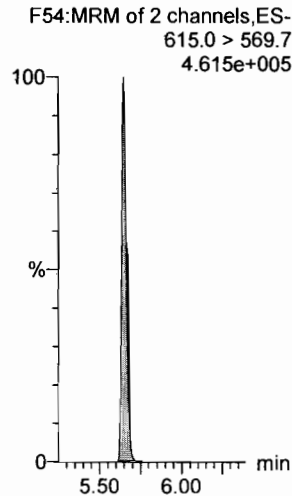
**13C2-PFD<sub>o</sub>A**



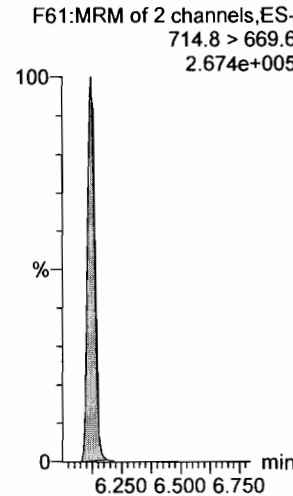
**d3-N-MeFOSA**



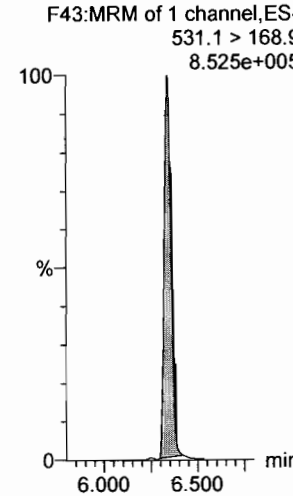
**13C2-PFT<sub>o</sub>A**



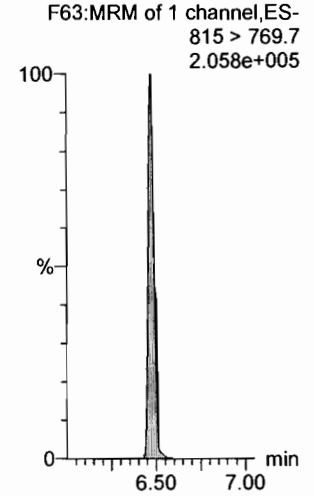
**13C2-PFT<sub>e</sub>DA**



**d5-N-ETFOA**



**13C2-PFH<sub>x</sub>DA**



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

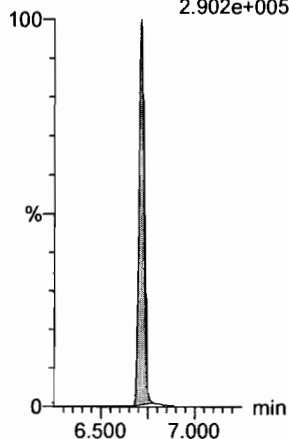
Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_6, Date: 12-Mar-2018, Time: 22:35:25, ID: ST180312M1-5 PFC CS2 18B2817, Description: PFC CS2 18B2817

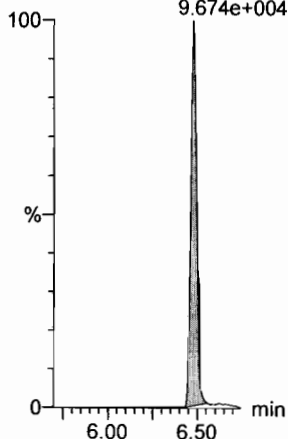
**PFODA**

F64:MRM of 1 channel,ES-  
913.1 > 868.8  
2.902e+005



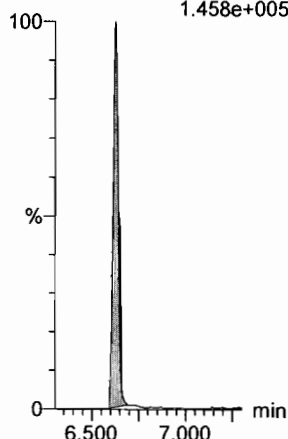
**N-MeFOSE**

F55:MRM of 1 channel,ES-  
616.1 > 58.9  
9.674e+004



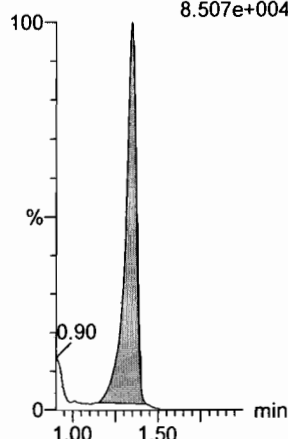
**N-EtFOSE**

F57:MRM of 1 channel,ES-  
630.1 > 58.9  
1.458e+005



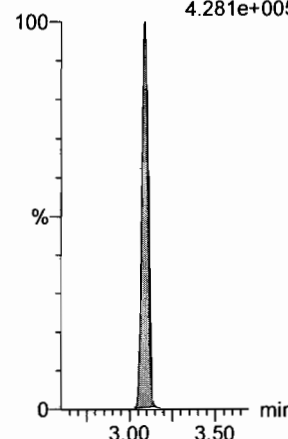
**13C4-PFBA**

F3:MRM of 1 channel,ES-  
217. > 171.8  
8.507e+004



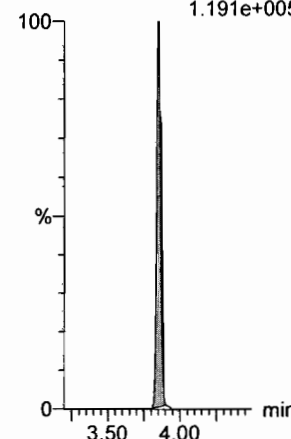
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
4.281e+005



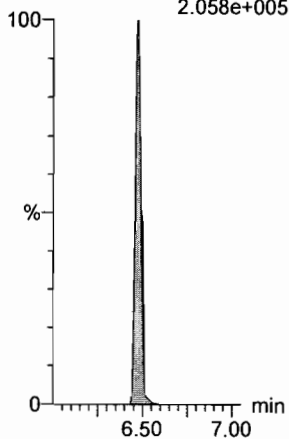
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
1.191e+005



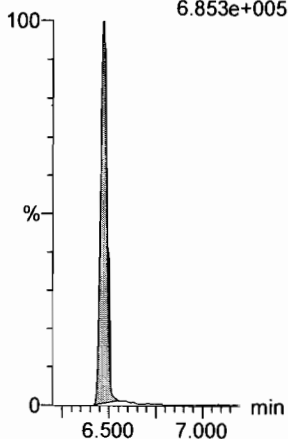
**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
2.058e+005



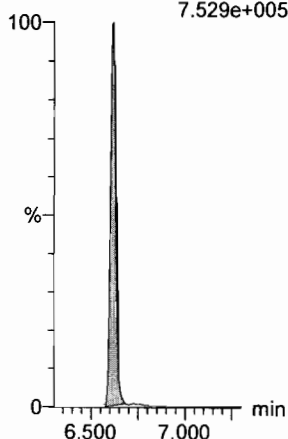
**d7-N-MeFOSE**

F56:MRM of 1 channel,ES-  
623.1 > 58.9  
6.853e+005



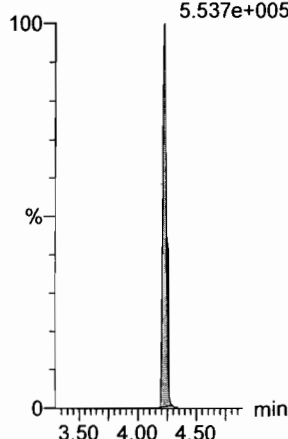
**d9-N-EtFOSE**

F58:MRM of 1 channel,ES-  
639.2 > 58.8  
7.529e+005



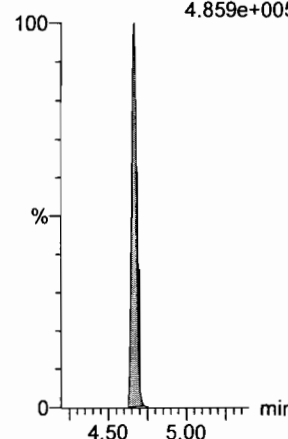
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
5.537e+005



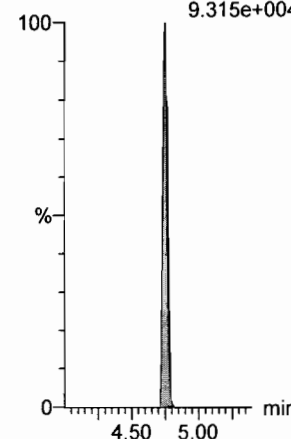
**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
4.859e+005



**13C4-PFOS**

F32:MRM of 1 channel,ES-  
503 > 79.9  
9.315e+004





Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qid

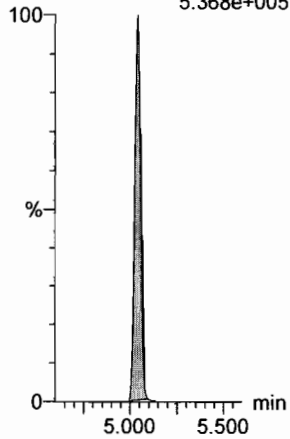
Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_6, Date: 12-Mar-2018, Time: 22:35:25, ID: ST180312M1-5 PFC CS2 18B2817, Description: PFC CS2 18B2817

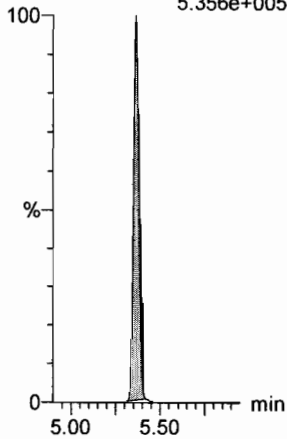
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
5.368e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
5.356e+005

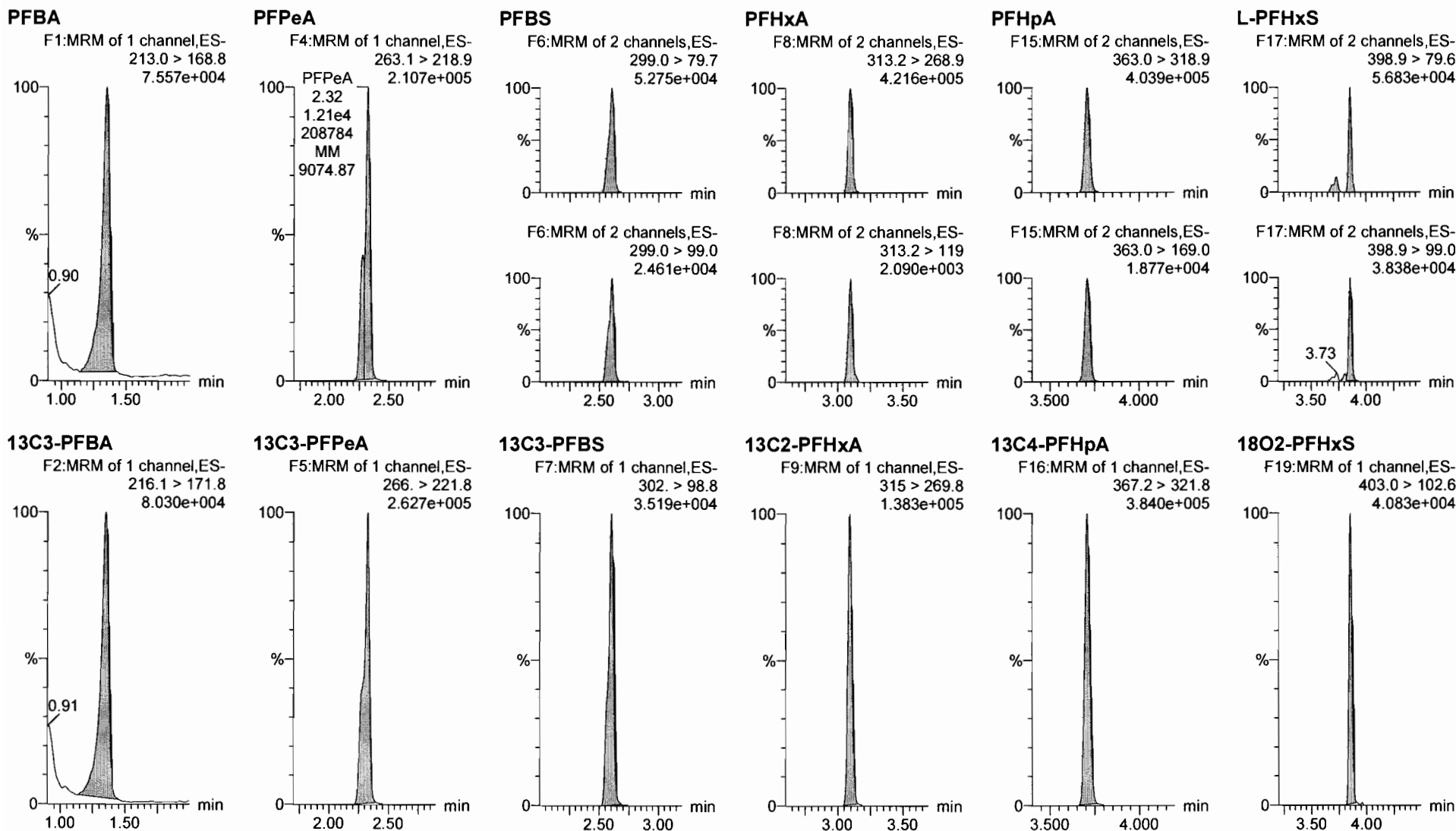


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Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

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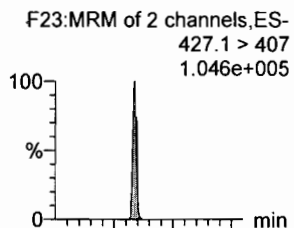
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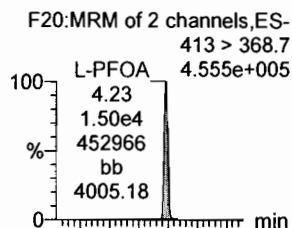
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Name: 180312M1\_7, Date: 12-Mar-2018, Time: 22:46:55, ID: ST180312M1-6 PFC CS3 18B2818, Description: PFC CS3 18B2818

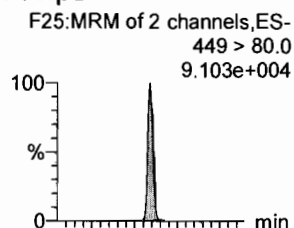
6:2 FTS



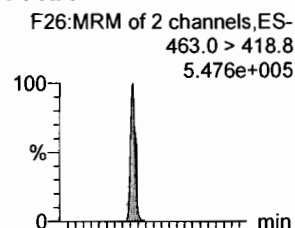
L-PFOA



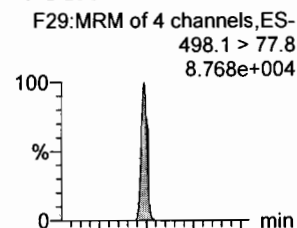
PFHpS



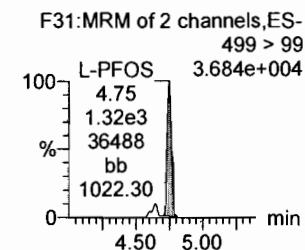
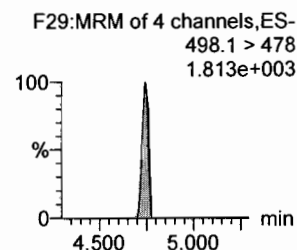
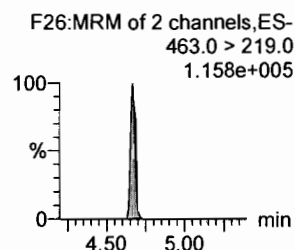
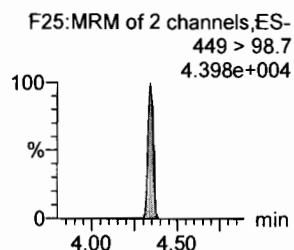
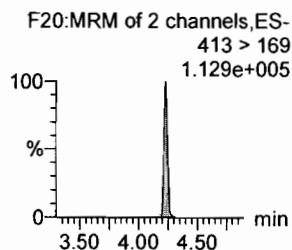
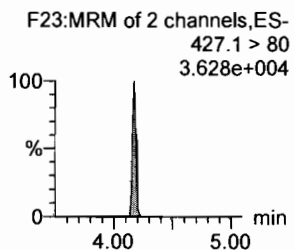
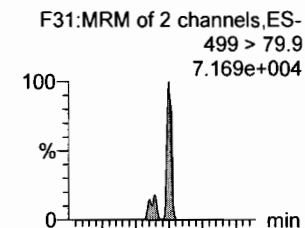
PFNA



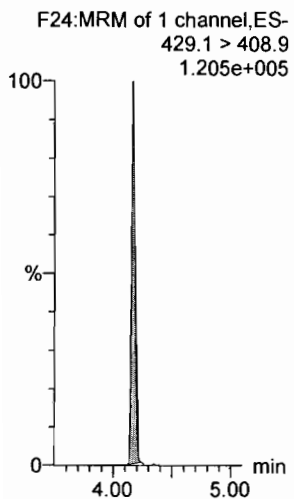
PFOSA



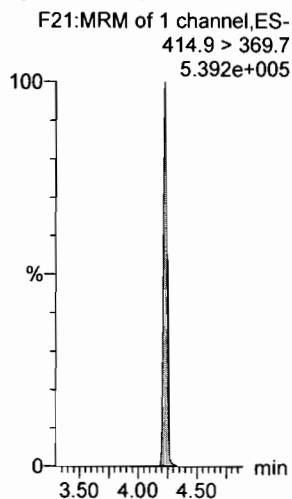
L-PFOS



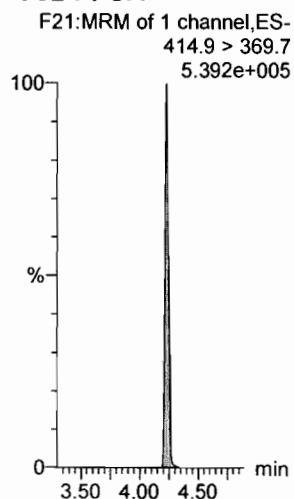
13C2-6:2 FTS



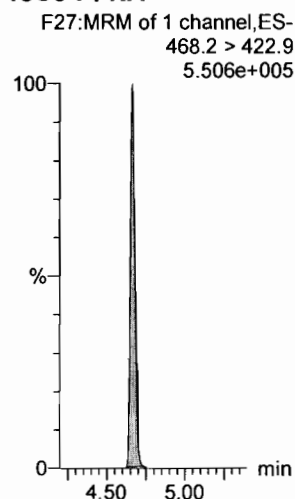
13C2-PFOA



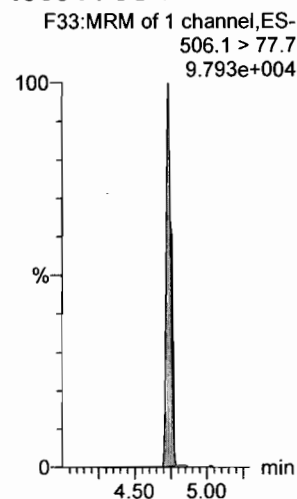
13C2-PFOA



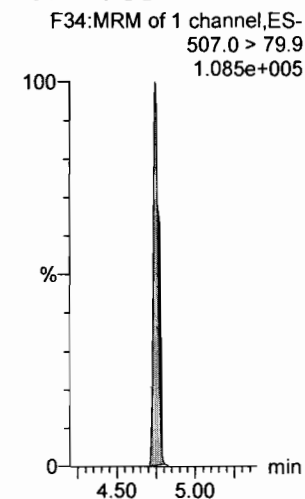
13C5-PFNA



13C8-PFOSA



13C8-PFOS



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

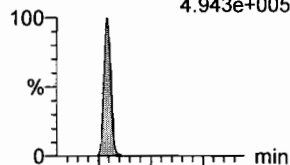
Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

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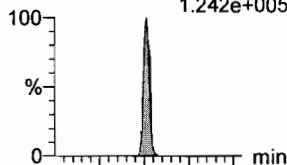
**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
4.943e+005



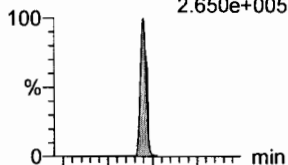
**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
1.242e+005



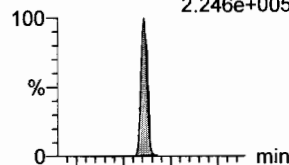
**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
2.650e+005



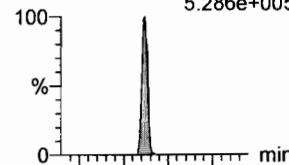
**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
2.246e+005



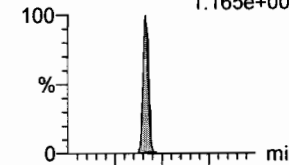
**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
5.286e+005

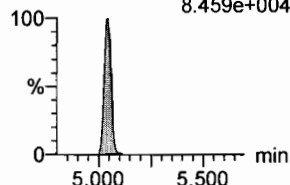


**PFDS**

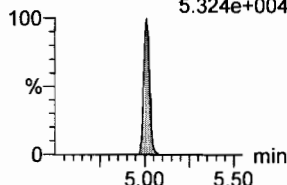
F52:MRM of 2 channels,ES-  
598.8 > 80  
1.165e+005



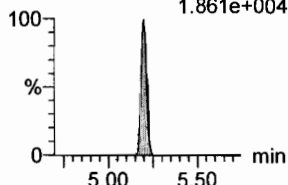
F36:MRM of 2 channels,ES-  
513 > 219  
8.459e+004



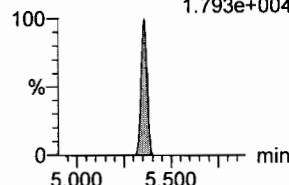
F41:MRM of 2 channels,ES-  
527 > 80  
5.324e+004



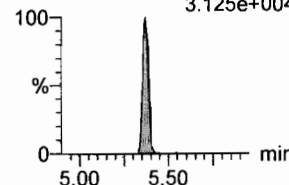
F47:MRM of 2 channels,ES-  
570.1 > 483.0  
1.861e+004



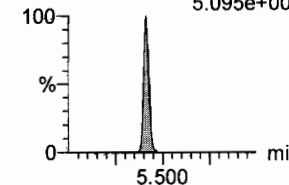
F50:MRM of 2 channels,ES-  
584.2 > 483.0  
1.793e+004



F45:MRM of 2 channels,ES-  
563.0 > 269  
3.125e+004

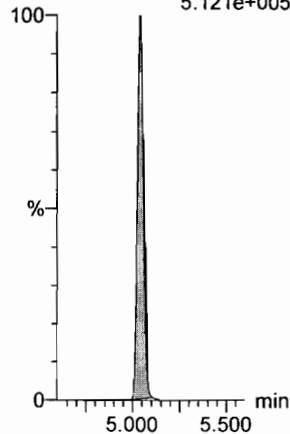


F52:MRM of 2 channels,ES-  
598.8 > 98.7  
5.095e+004



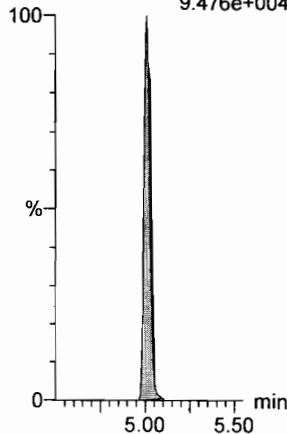
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
5.121e+005



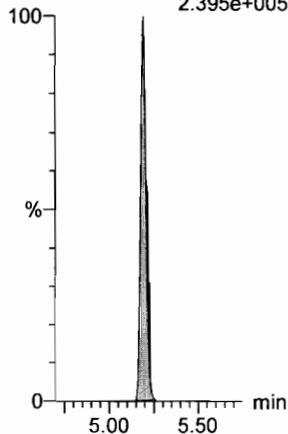
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
9.476e+004



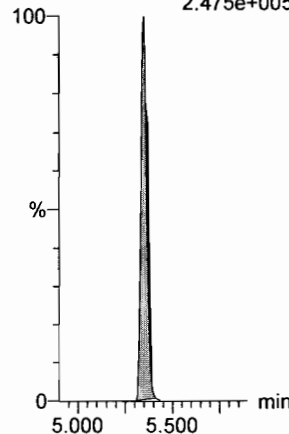
**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
2.395e+005



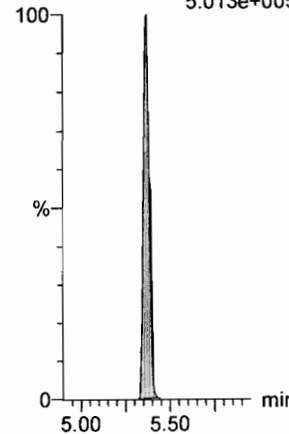
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
2.475e+005



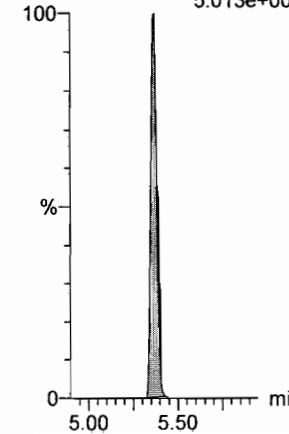
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
5.013e+005



**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
5.013e+005

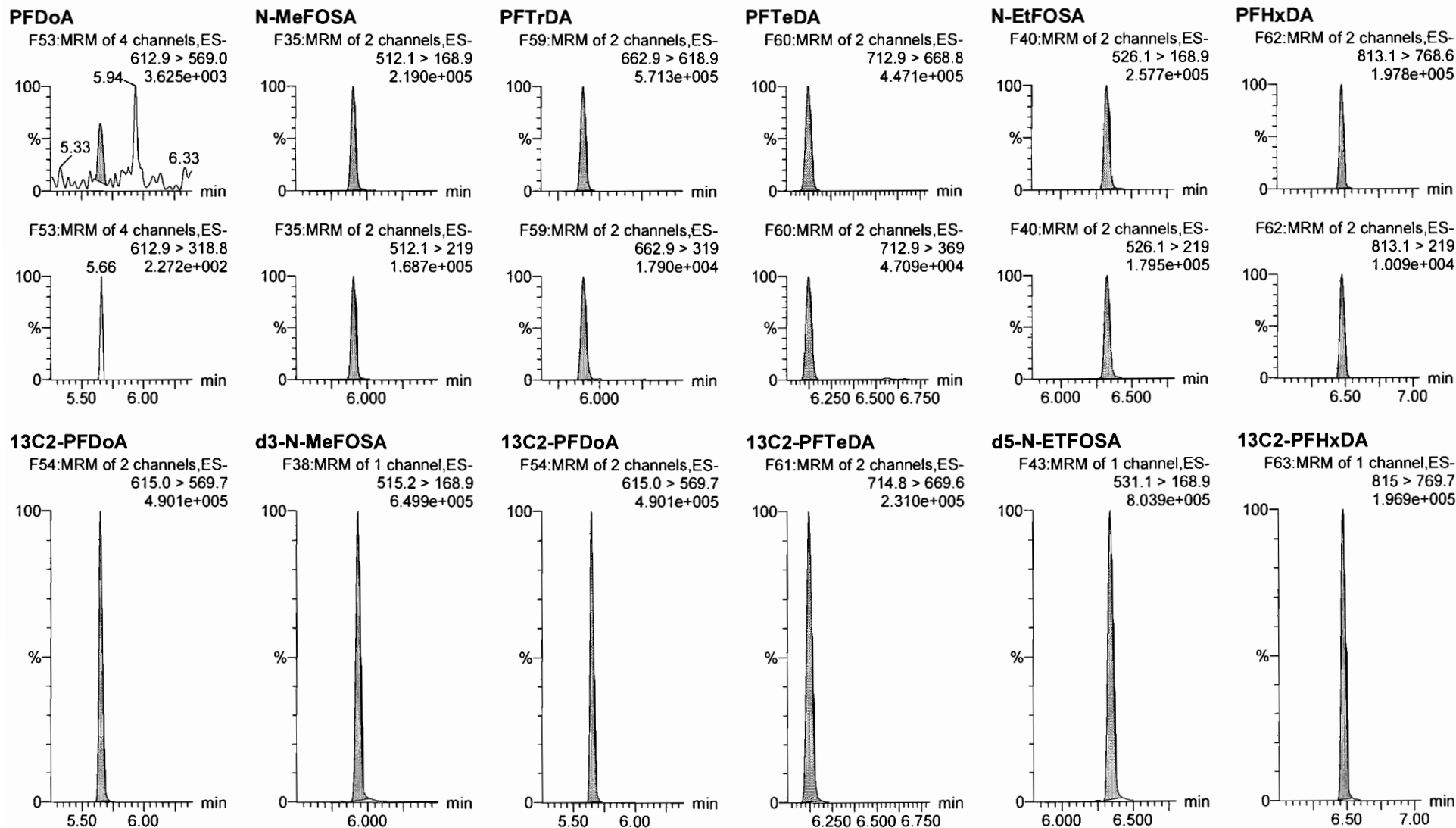


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Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_7, Date: 12-Mar-2018, Time: 22:46:55, ID: ST180312M1-6 PFC CS3 18B2818, Description: PFC CS3 18B2818

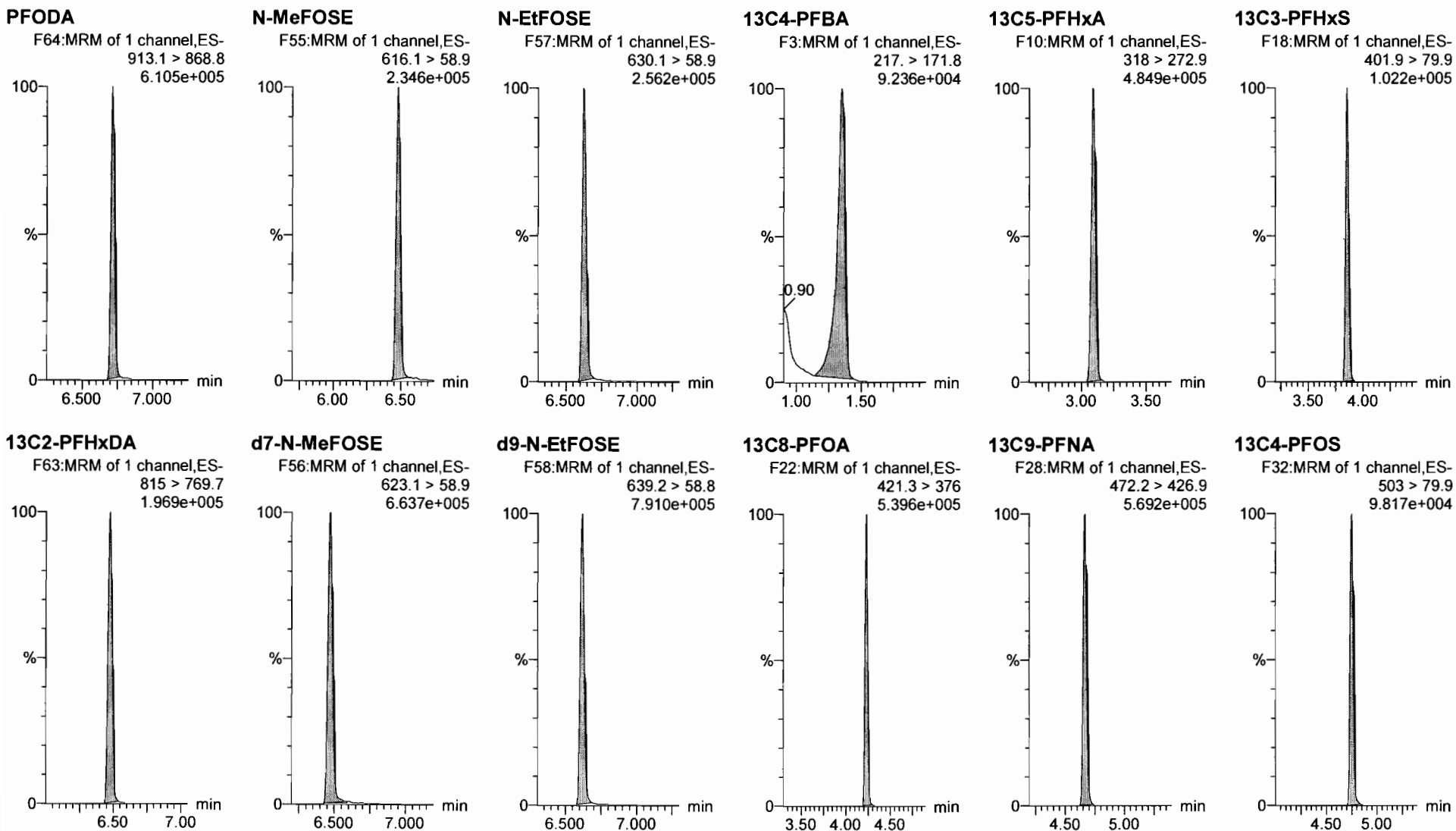


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Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_7, Date: 12-Mar-2018, Time: 22:46:55, ID: ST180312M1-6 PFC CS3 18B2818, Description: PFC CS3 18B2818



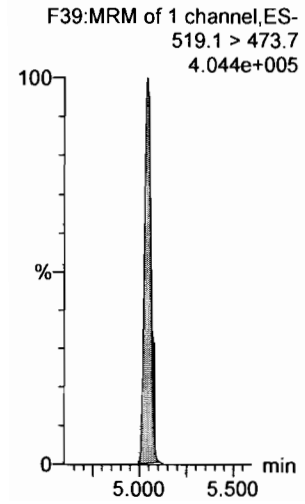
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

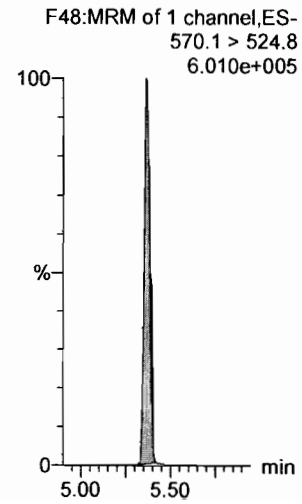
Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_7, Date: 12-Mar-2018, Time: 22:46:55, ID: ST180312M1-6 PFC CS3 18B2818, Description: PFC CS3 18B2818

13C6-PFDA



13C7-PFUdA



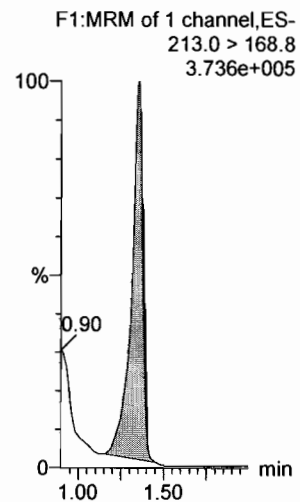
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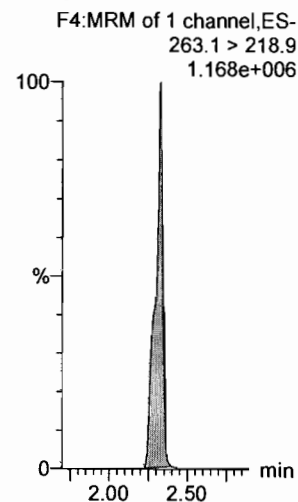
Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

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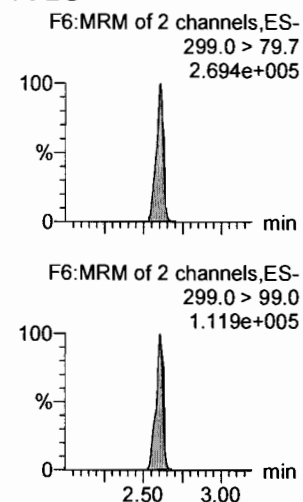
**PFBA**



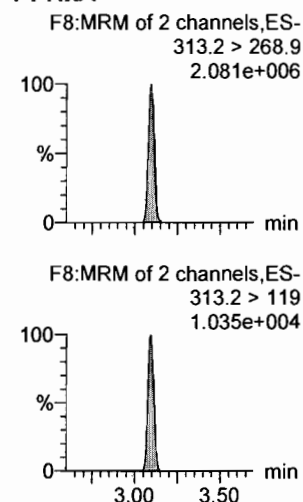
**PFPeA**



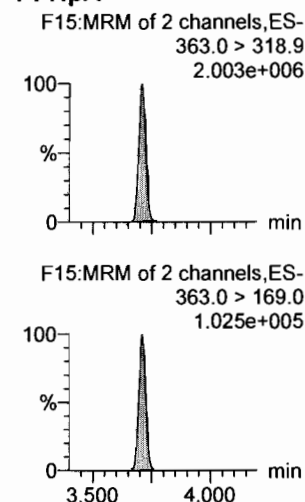
**PFBS**



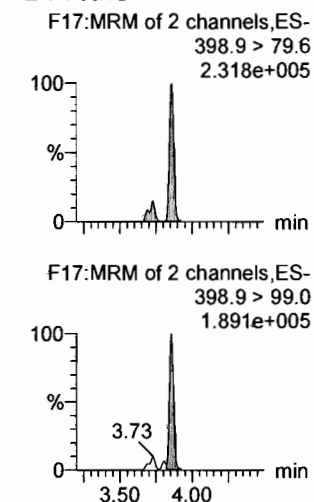
**PFHxA**



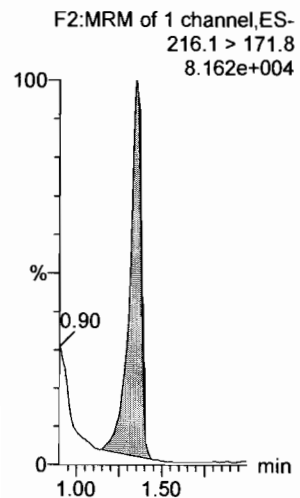
**PFHpA**



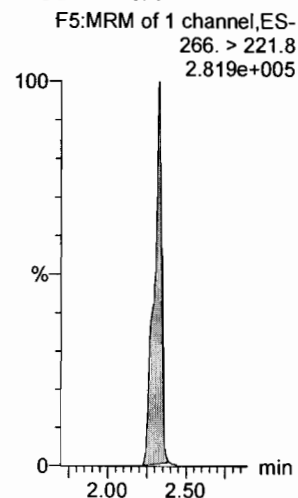
**L-PFHxS**



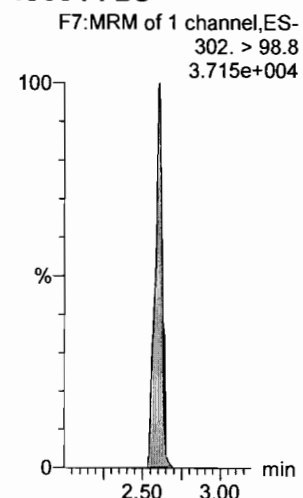
**13C3-PFBA**



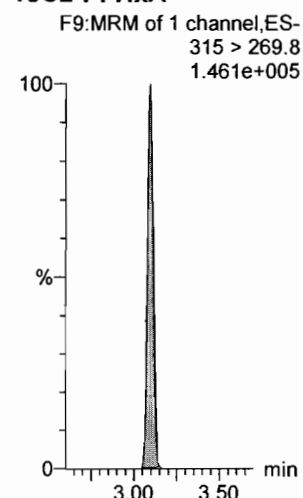
**13C3-PFPeA**



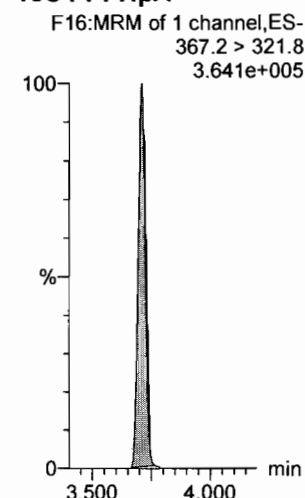
**13C3-PFBS**



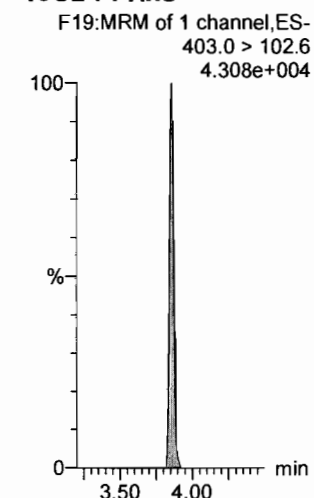
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



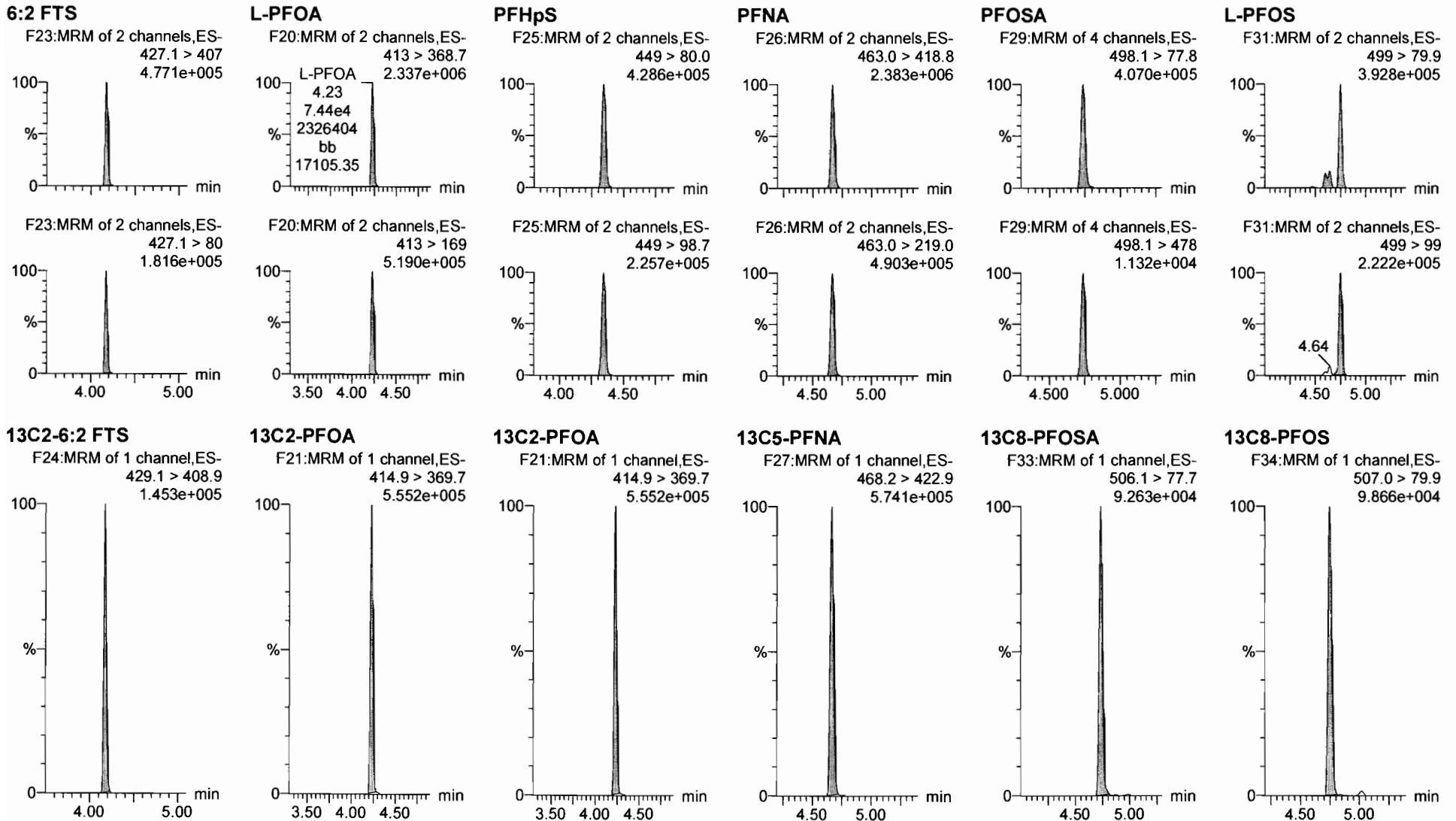


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_8, Date: 12-Mar-2018, Time: 22:58:24, ID: ST180312M1-7 PFC CS4 18B2819, Description: PFC CS4 18B2819



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

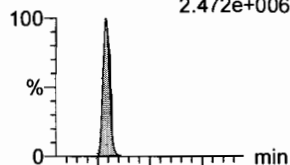
Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_8, Date: 12-Mar-2018, Time: 22:58:24, ID: ST180312M1-7 PFC CS4 18B2819, Description: PFC CS4 18B2819

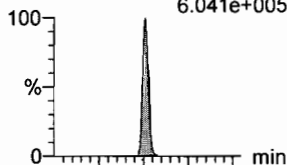
**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
2.472e+006



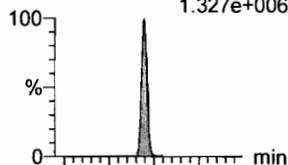
**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
6.041e+005



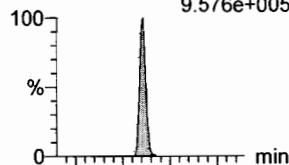
**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
1.327e+006



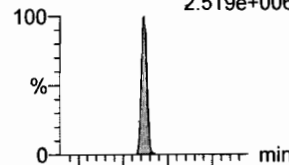
**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
9.576e+005



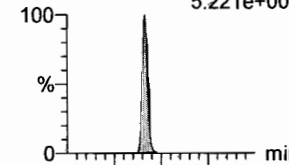
**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
2.519e+006

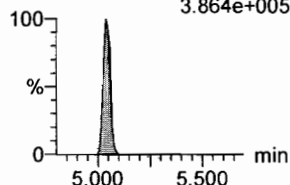


**PFDS**

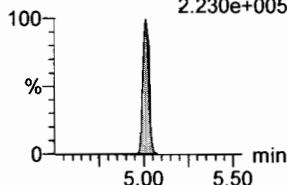
F52:MRM of 2 channels,ES-  
598.8 > 80  
5.221e+005



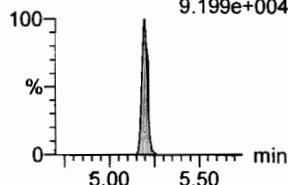
F36:MRM of 2 channels,ES-  
513 > 219  
3.864e+005



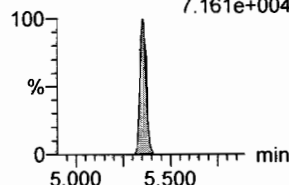
F41:MRM of 2 channels,ES-  
527 > 80  
2.230e+005



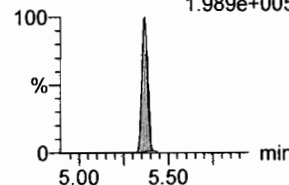
F47:MRM of 2 channels,ES-  
570.1 > 483.0  
9.199e+004



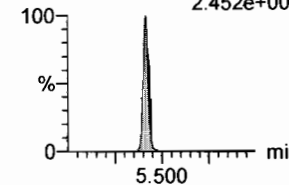
F50:MRM of 2 channels,ES-  
584.2 > 483.0  
7.161e+004



F45:MRM of 2 channels,ES-  
563.0 > 269  
1.989e+005

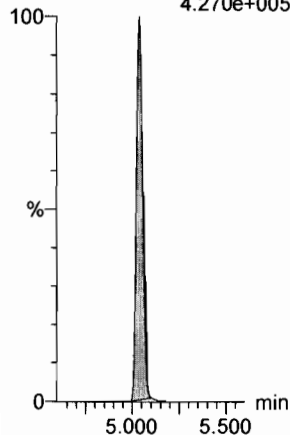


F52:MRM of 2 channels,ES-  
598.8 > 98.7  
2.452e+005



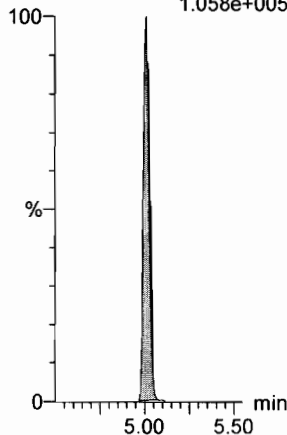
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
4.270e+005



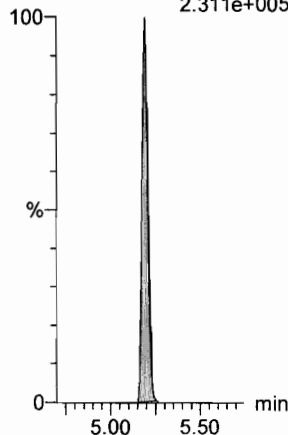
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
1.058e+005



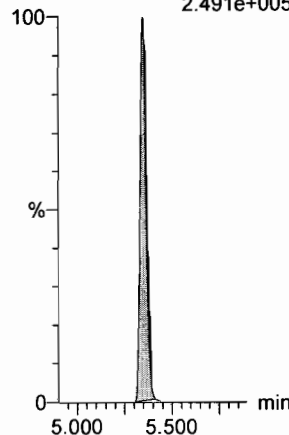
**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
2.311e+005



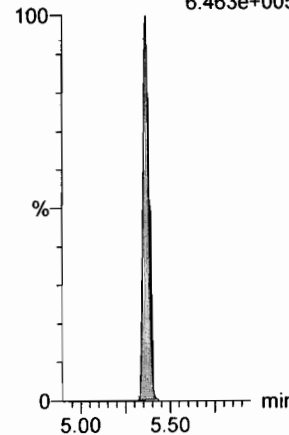
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
2.491e+005



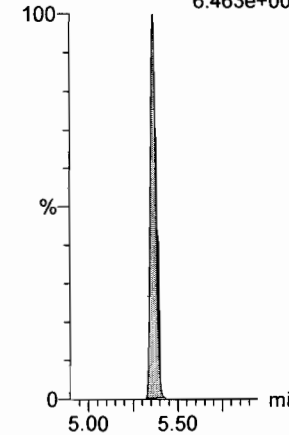
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
6.463e+005



**13C2-PFUdA**

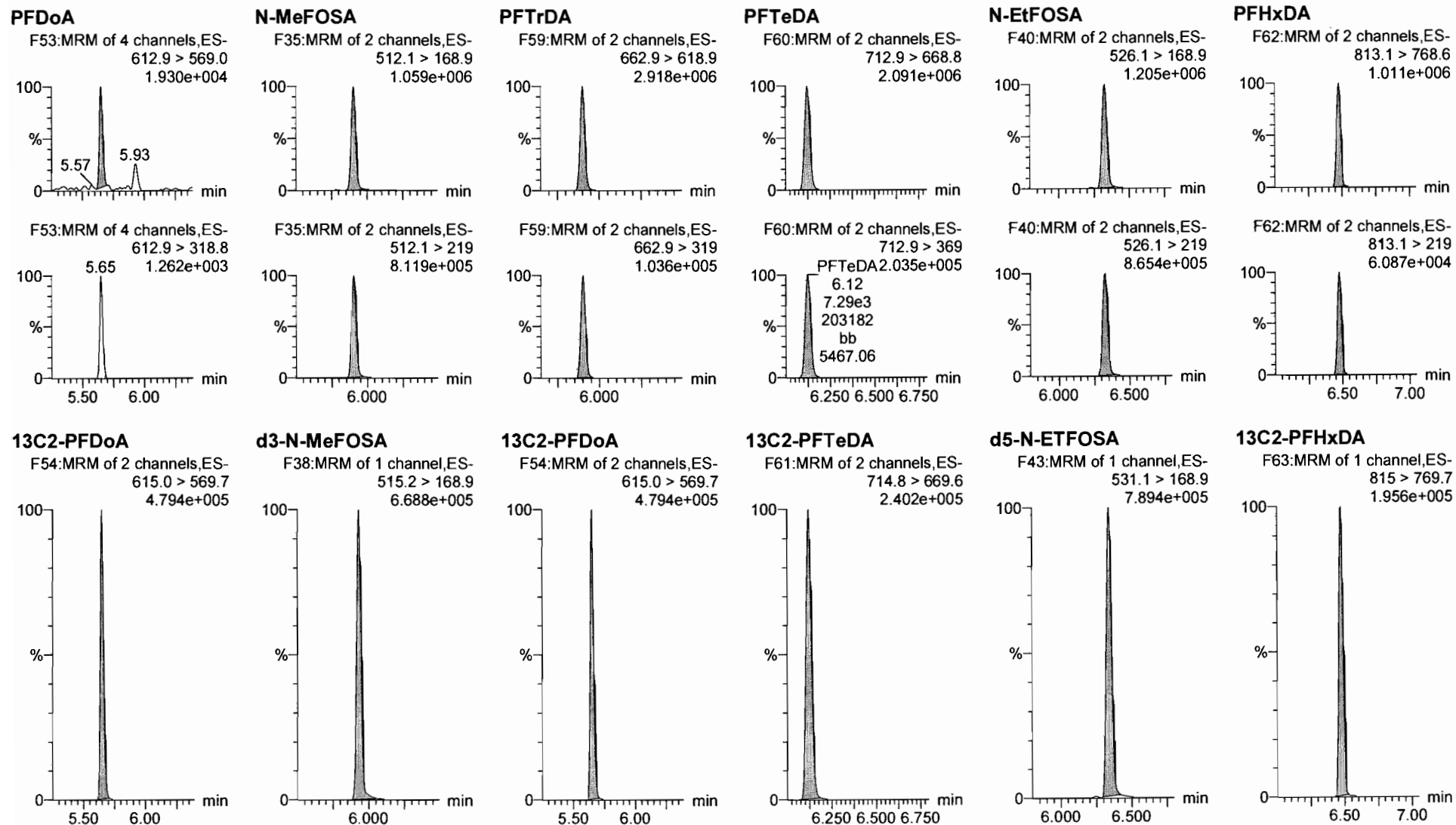
F46:MRM of 1 channel,ES-  
565 > 519.8  
6.463e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time  
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Name: 180312M1\_8, Date: 12-Mar-2018, Time: 22:58:24, ID: ST180312M1-7 PFC CS4 18B2819, Description: PFC CS4 18B2819

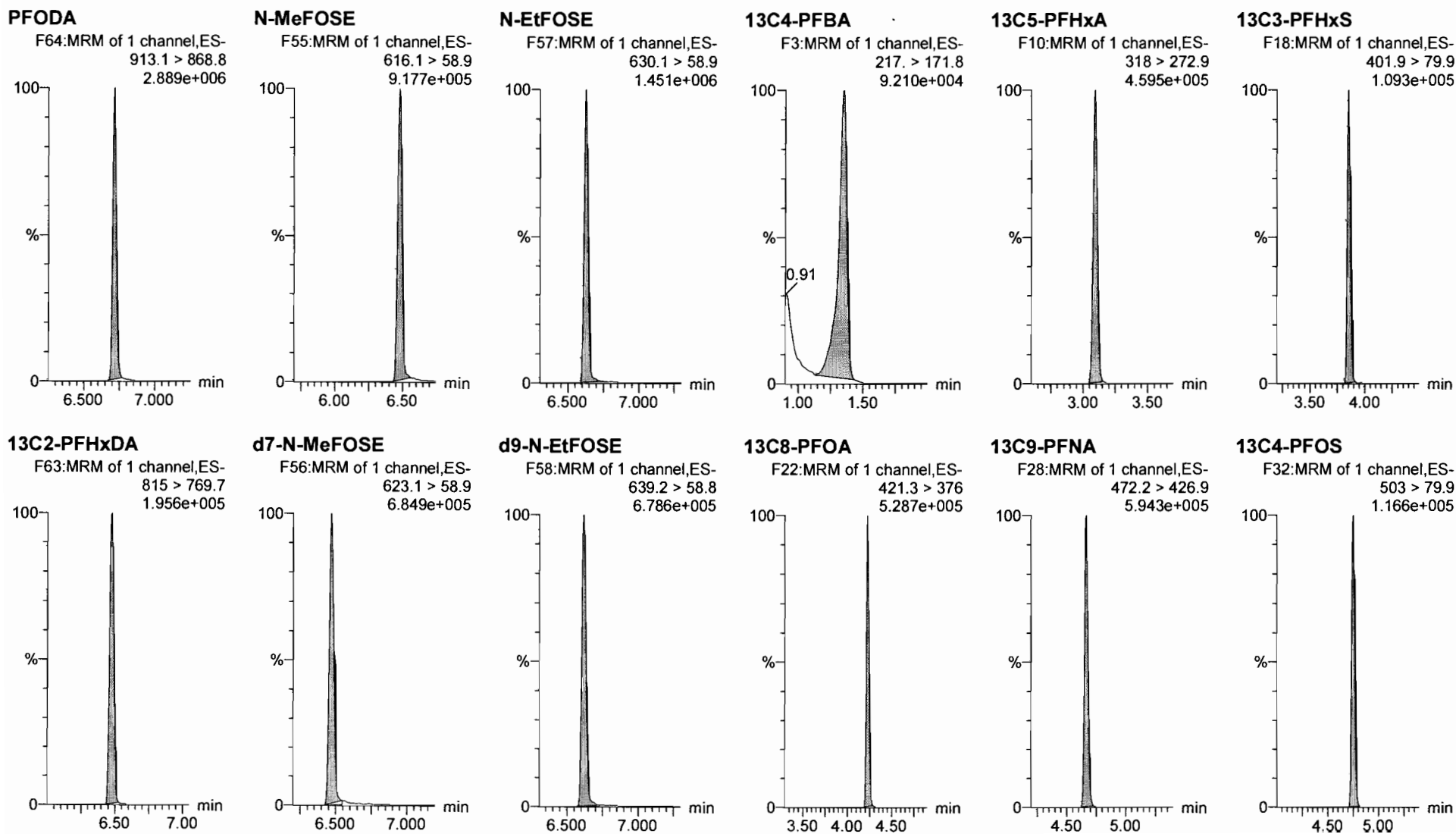


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Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_8, Date: 12-Mar-2018, Time: 22:58:24, ID: ST180312M1-7 PFC CS4 18B2819, Description: PFC CS4 18B2819



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

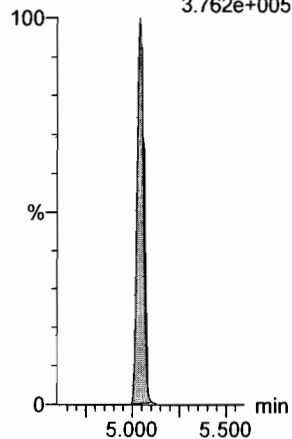
Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_8, Date: 12-Mar-2018, Time: 22:58:24, ID: ST180312M1-7 PFC CS4 18B2819, Description: PFC CS4 18B2819

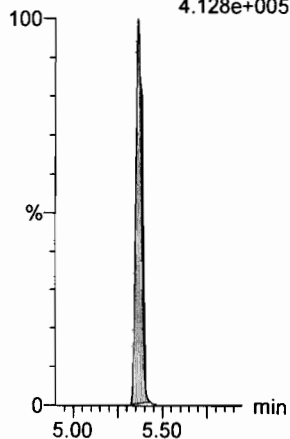
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
3.762e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
4.128e+005



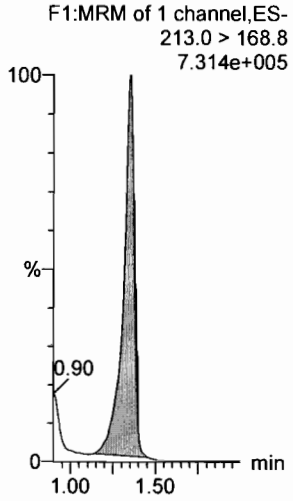
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Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

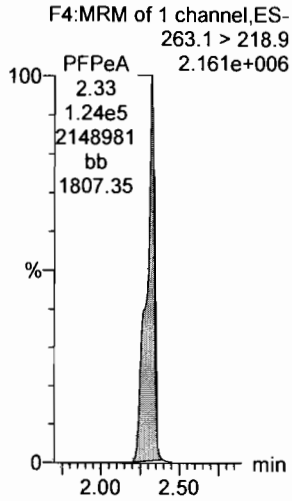
Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_9, Date: 12-Mar-2018, Time: 23:09:53, ID: ST180312M1-8 PFC CS5 18B2820, Description: PFC CS5 18B2820

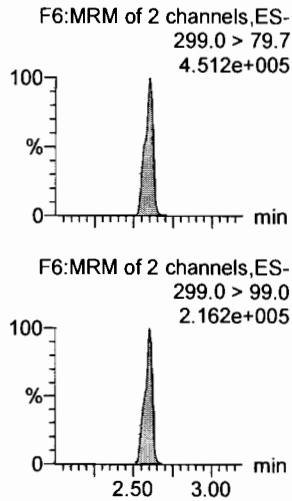
**PFBA**



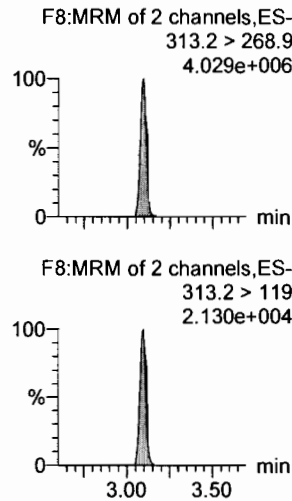
**PFPeA**



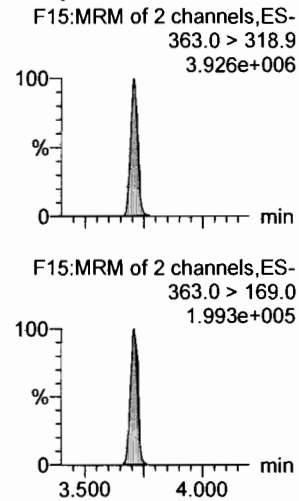
**PFBS**



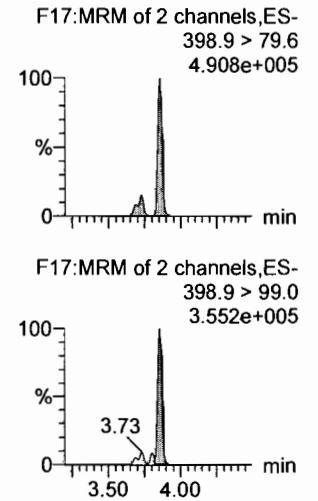
**PFHxA**



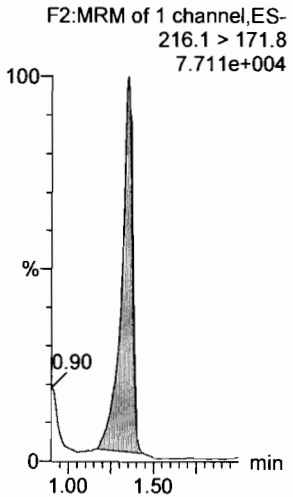
**PFHpA**



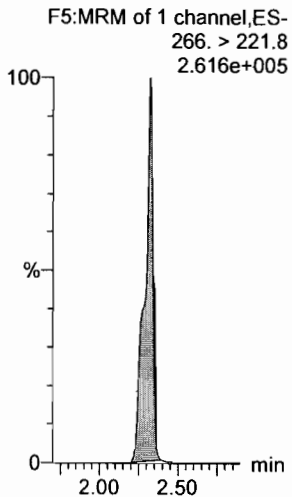
**L-PFHxS**



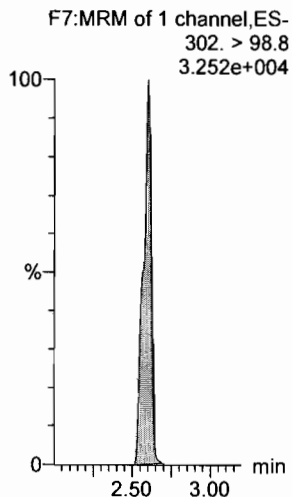
**13C3-PFBA**



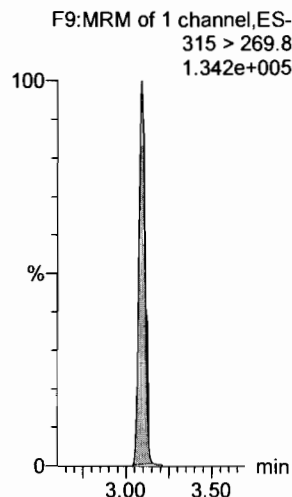
**13C3-PFPeA**



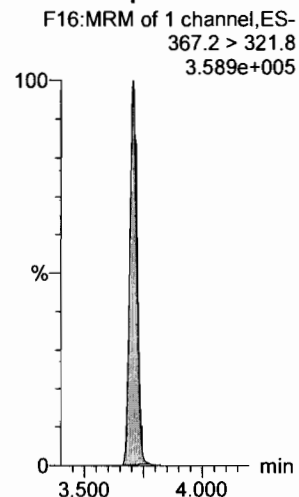
**13C3-PFBS**



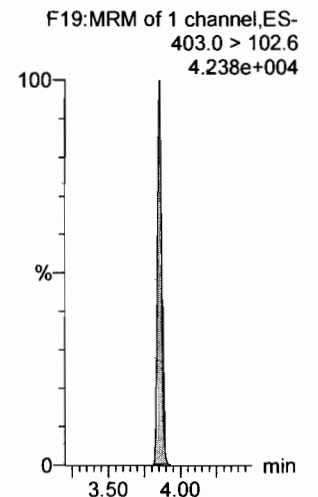
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

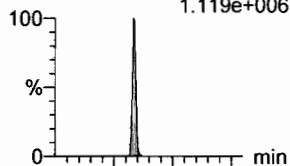
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Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_9, Date: 12-Mar-2018, Time: 23:09:53, ID: ST180312M1-8 PFC CS5 18B2820, Description: PFC CS5 18B2820

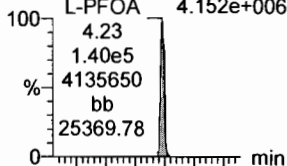
6:2 FTS

F23:MRM of 2 channels,ES-  
427.1 > 407  
1.119e+006



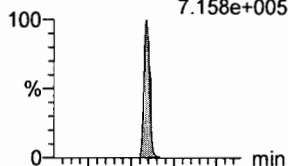
L-PFOA

F20:MRM of 2 channels,ES-  
413 > 368.7  
4.152e+006



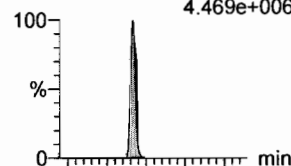
PFHpS

F25:MRM of 2 channels,ES-  
449 > 80.0  
7.158e+005



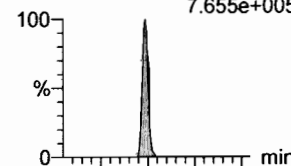
PFNA

F26:MRM of 2 channels,ES-  
463.0 > 418.8  
4.469e+006



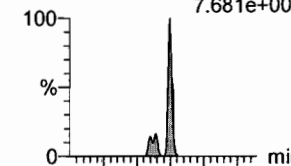
PFOSA

F29:MRM of 4 channels,ES-  
498.1 > 77.8  
7.655e+005

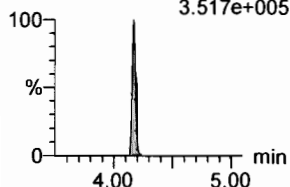


L-PFOS

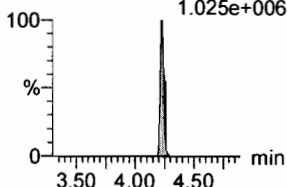
F31:MRM of 2 channels,ES-  
499 > 79.9  
7.681e+005



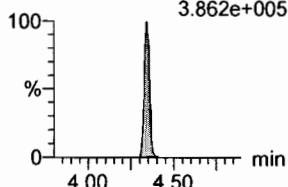
F23:MRM of 2 channels,ES-  
427.1 > 80  
3.517e+005



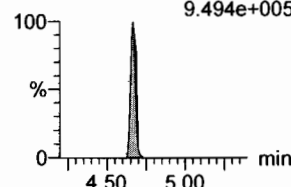
F20:MRM of 2 channels,ES-  
413 > 169  
1.025e+006



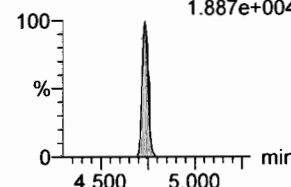
F25:MRM of 2 channels,ES-  
449 > 98.7  
3.862e+005



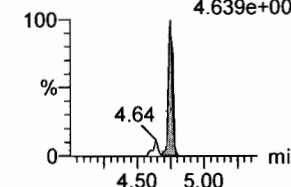
F26:MRM of 2 channels,ES-  
463.0 > 219.0  
9.494e+005



F29:MRM of 4 channels,ES-  
498.1 > 478  
1.887e+004

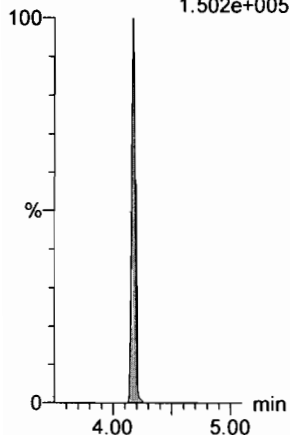


F31:MRM of 2 channels,ES-  
499 > 99  
4.639e+005



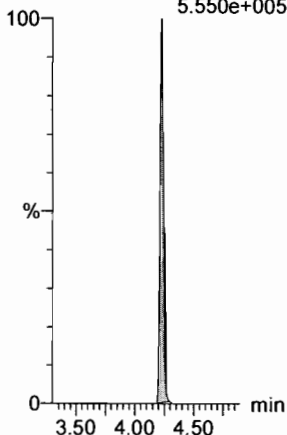
13C2-6:2 FTS

F24:MRM of 1 channel,ES-  
429.1 > 408.9  
1.502e+005



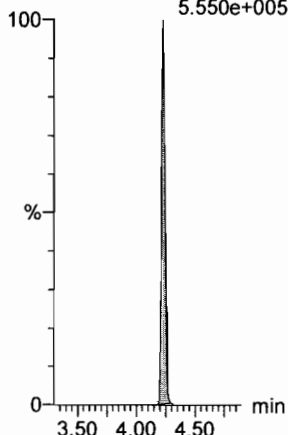
13C2-PFOA

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
5.550e+005



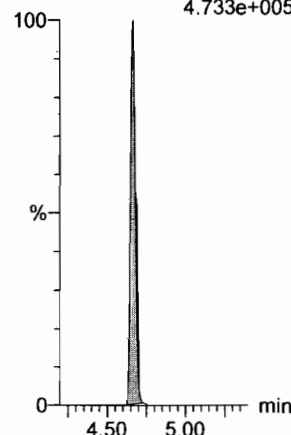
13C2-PFOA

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
5.550e+005



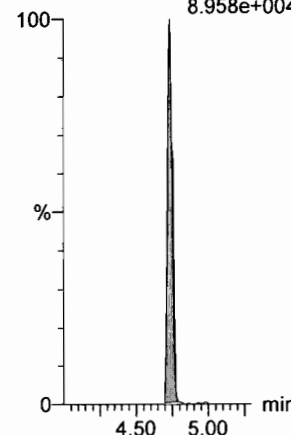
13C5-PFNA

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
4.733e+005



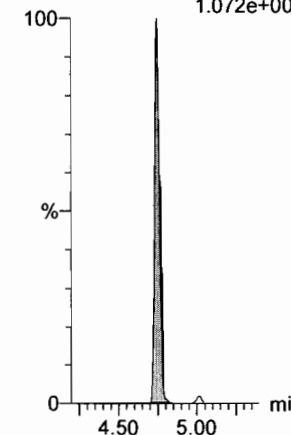
13C8-PFOSA

F33:MRM of 1 channel,ES-  
506.1 > 77.7  
8.958e+004



13C8-PFOS

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
1.072e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

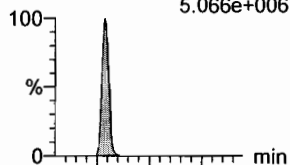
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Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_9, Date: 12-Mar-2018, Time: 23:09:53, ID: ST180312M1-8 PFC CS5 18B2820, Description: PFC CS5 18B2820

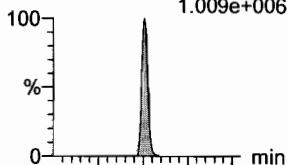
**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
5.066e+006



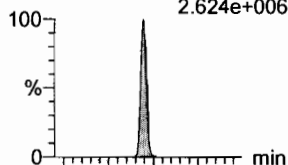
**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
1.009e+006



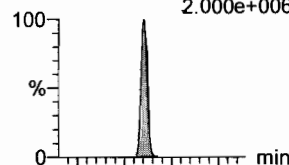
**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
2.624e+006



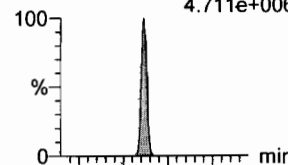
**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
2.000e+006



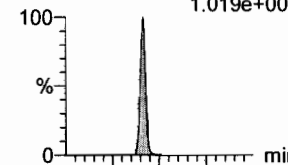
**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
4.711e+006

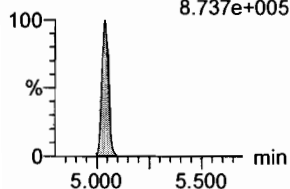


**PFDS**

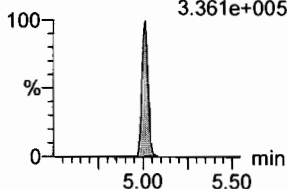
F52:MRM of 2 channels,ES-  
598.8 > 80  
1.019e+006



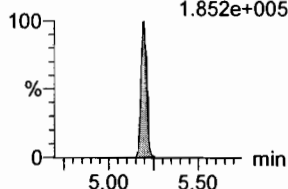
F36:MRM of 2 channels,ES-  
513 > 219  
8.737e+005



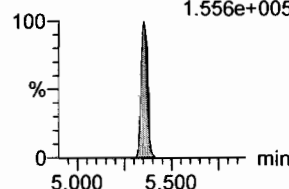
F41:MRM of 2 channels,ES-  
527 > 80  
3.361e+005



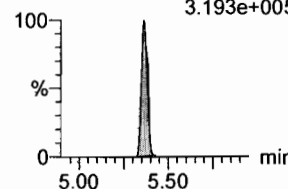
F47:MRM of 2 channels,ES-  
570.1 > 483.0  
1.852e+005



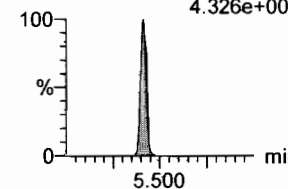
F50:MRM of 2 channels,ES-  
584.2 > 483.0  
1.556e+005



F45:MRM of 2 channels,ES-  
563.0 > 269  
3.193e+005

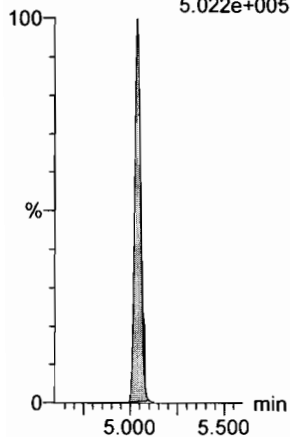


F52:MRM of 2 channels,ES-  
598.8 > 98.7  
4.326e+005



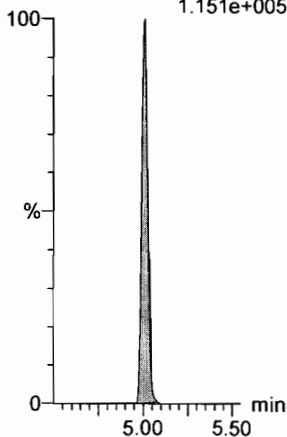
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
5.022e+005



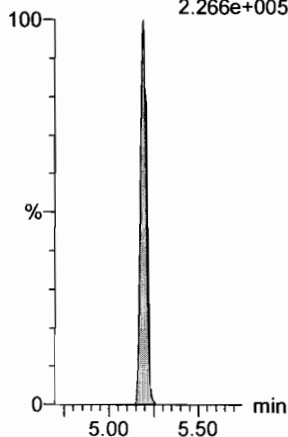
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
1.151e+005



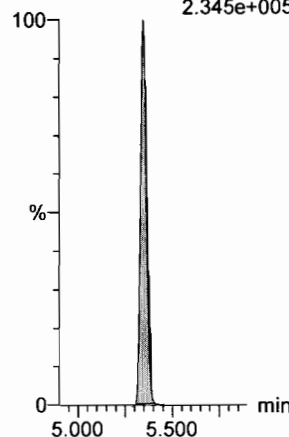
**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
2.266e+005



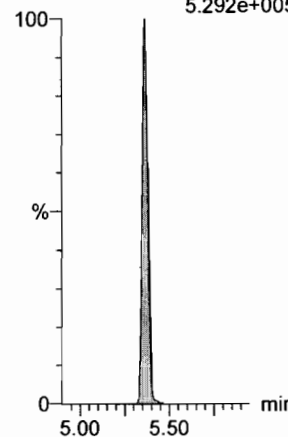
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
2.345e+005



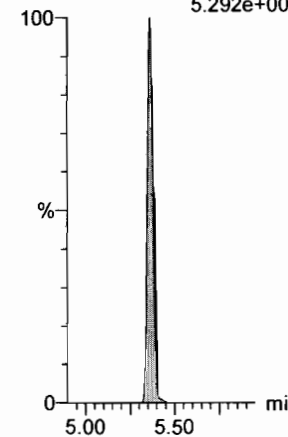
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
5.292e+005



**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
5.292e+005





Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

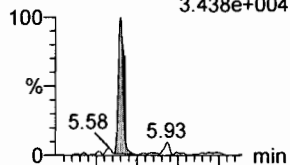
Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

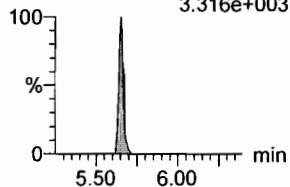
Name: 180312M1\_9, Date: 12-Mar-2018, Time: 23:09:53, ID: ST180312M1-8 PFC CS5 18B2820, Description: PFC CS5 18B2820

**PFDoA**

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
3.438e+004

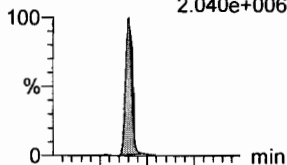


F53:MRM of 4 channels,ES-  
612.9 > 318.8  
3.316e+003

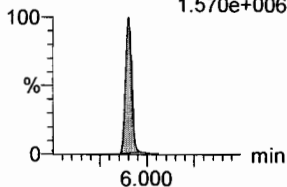


**N-MeFOSA**

F35:MRM of 2 channels,ES-  
512.1 > 168.9  
2.040e+006

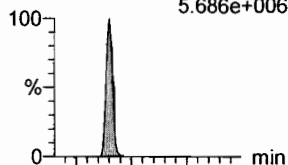


F35:MRM of 2 channels,ES-  
512.1 > 219  
1.570e+006

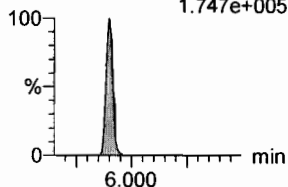


**PFTrDA**

F59:MRM of 2 channels,ES-  
662.9 > 618.9  
5.686e+006

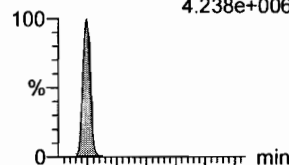


F59:MRM of 2 channels,ES-  
662.9 > 319  
1.747e+005

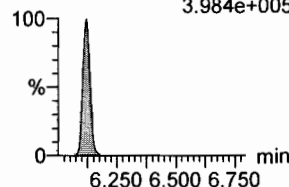


**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
4.238e+006

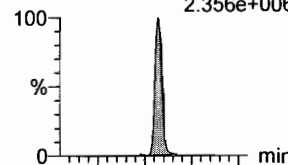


F60:MRM of 2 channels,ES-  
712.9 > 369  
3.984e+005

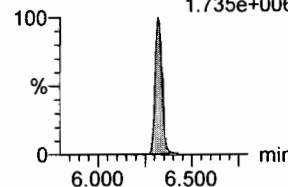


**N-EtFOSA**

F40:MRM of 2 channels,ES-  
526.1 > 168.9  
2.356e+006

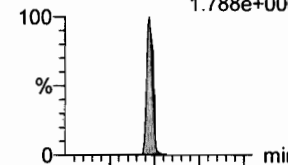


F40:MRM of 2 channels,ES-  
526.1 > 219  
1.735e+006

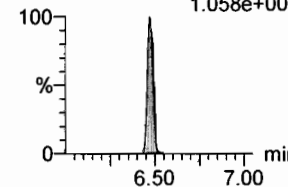


**PFHxDA**

F62:MRM of 2 channels,ES-  
813.1 > 768.6  
1.788e+006

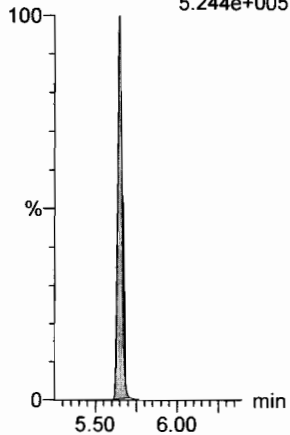


F62:MRM of 2 channels,ES-  
813.1 > 219  
1.058e+005



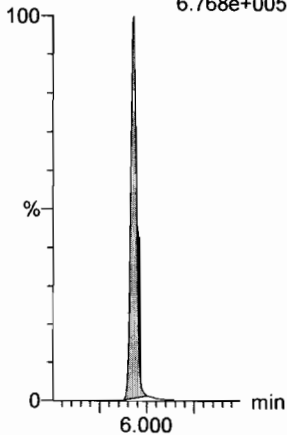
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
5.244e+005



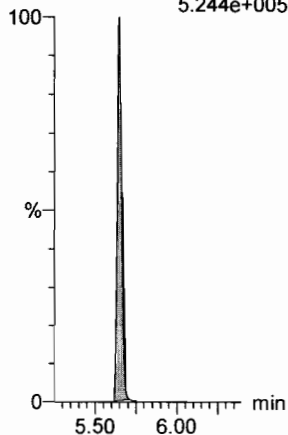
**d3-N-MeFOSA**

F38:MRM of 1 channel,ES-  
515.2 > 168.9  
6.768e+005



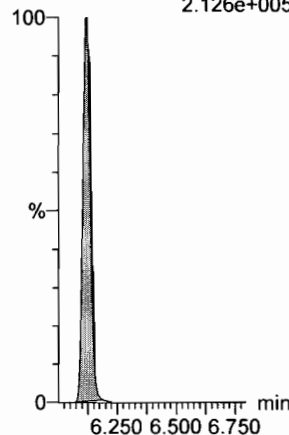
**13C2-PFTeDA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
5.244e+005



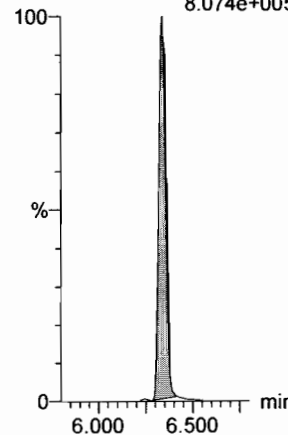
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
2.126e+005



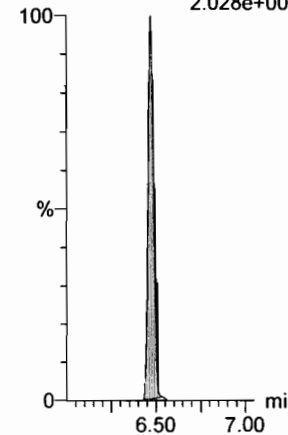
**d5-N-ETFOSA**

F43:MRM of 1 channel,ES-  
531.1 > 168.9  
8.074e+005



**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
2.028e+005



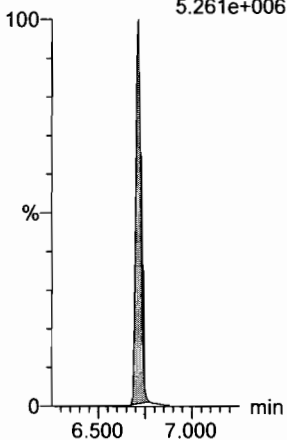
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time  
Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_9, Date: 12-Mar-2018, Time: 23:09:53, ID: ST180312M1-8 PFC CS5 18B2820, Description: PFC CS5 18B2820

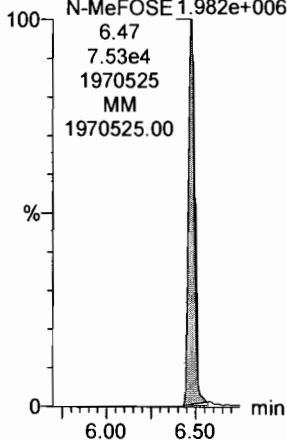
**PFODA**

F64:MRM of 1 channel,ES-  
913.1 > 868.8  
5.261e+006



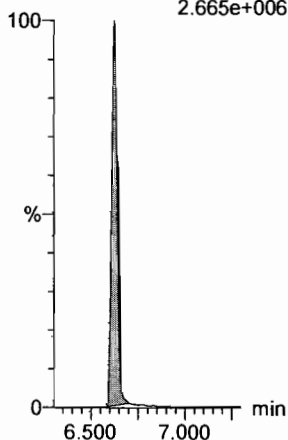
**N-MeFOSE**

F55:MRM of 1 channel,ES-  
616.1 > 58.9  
1.982e+006



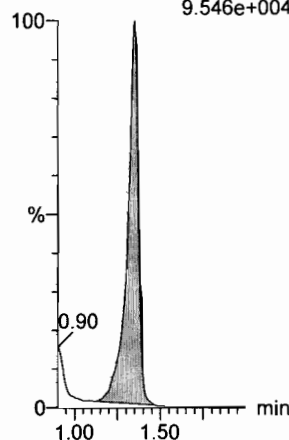
**N-EtFOSE**

F57:MRM of 1 channel,ES-  
630.1 > 58.9  
2.665e+006



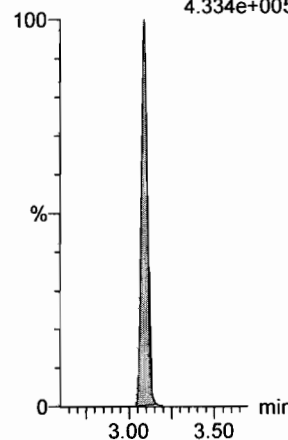
**13C4-PFBA**

F3:MRM of 1 channel,ES-  
217. > 171.8  
9.546e+004



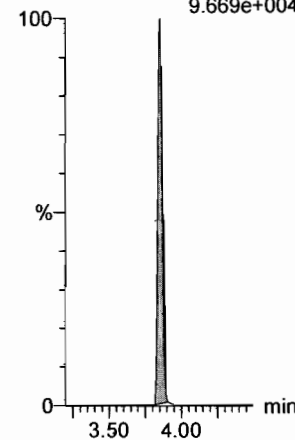
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
4.334e+005



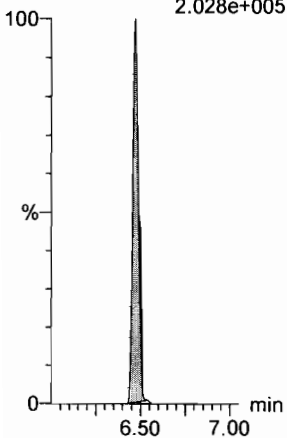
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
9.669e+004



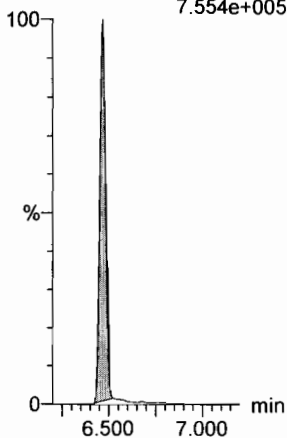
**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
2.028e+005



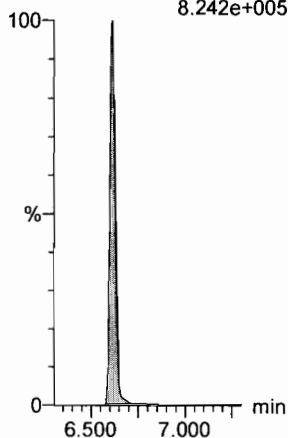
**d7-N-MeFOSE**

F56:MRM of 1 channel,ES-  
623.1 > 58.9  
7.554e+005



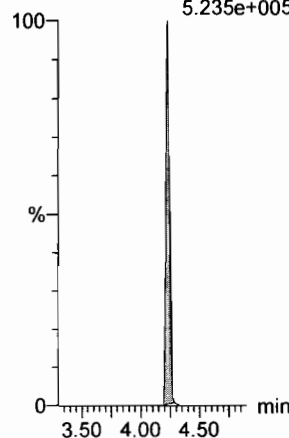
**d9-N-EtFOSE**

F58:MRM of 1 channel,ES-  
639.2 > 58.8  
8.242e+005



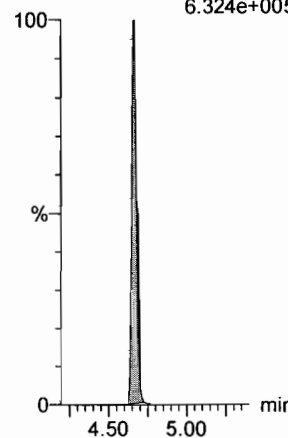
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
5.235e+005



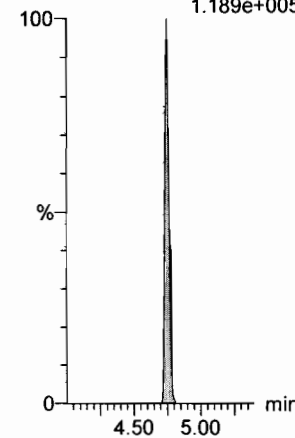
**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
6.324e+005



**13C4-PFOS**

F32:MRM of 1 channel,ES-  
503 > 79.9  
1.189e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

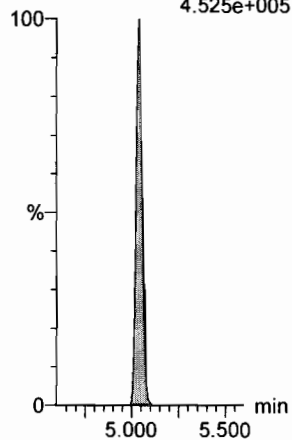
Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_9, Date: 12-Mar-2018, Time: 23:09:53, ID: ST180312M1-8 PFC CS5 18B2820, Description: PFC CS5 18B2820

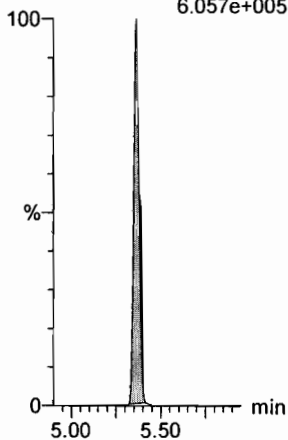
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
4.525e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
6.057e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

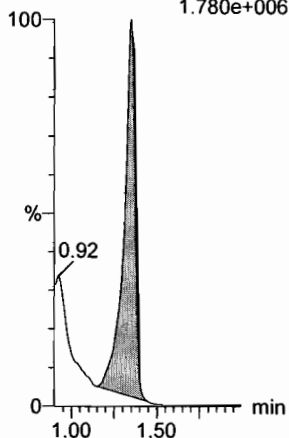
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Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_10, Date: 12-Mar-2018, Time: 23:21:20, ID: ST180312M1-9 PFC CS6 18B2821, Description: PFC CS6 18B2821

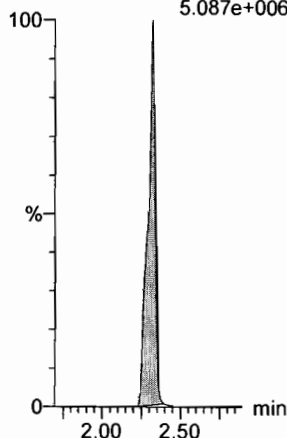
**PFBA**

F1:MRM of 1 channel,ES-  
213.0 > 168.8  
1.780e+006



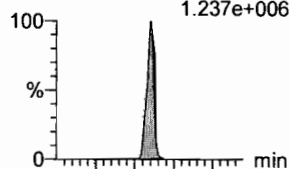
**PFPeA**

F4:MRM of 1 channel,ES-  
263.1 > 218.9  
5.087e+006

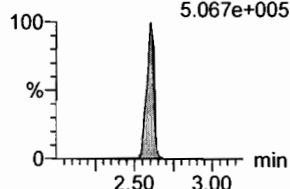


**PFBS**

F6:MRM of 2 channels,ES-  
299.0 > 79.7  
1.237e+006

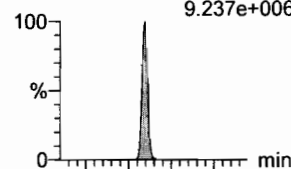


F6:MRM of 2 channels,ES-  
299.0 > 99.0  
5.067e+005

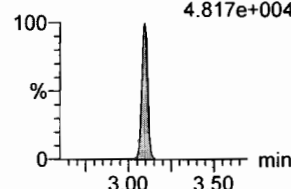


**PFHxA**

F8:MRM of 2 channels,ES-  
313.2 > 268.9  
9.237e+006

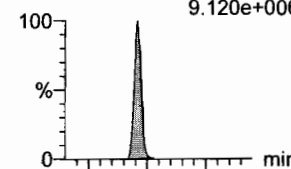


F8:MRM of 2 channels,ES-  
313.2 > 119  
4.817e+004

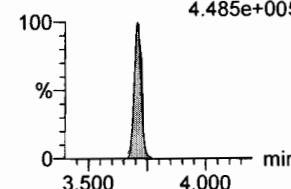


**PFHpA**

F15:MRM of 2 channels,ES-  
363.0 > 318.9  
9.120e+006

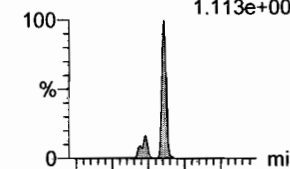


F15:MRM of 2 channels,ES-  
363.0 > 169.0  
4.485e+005

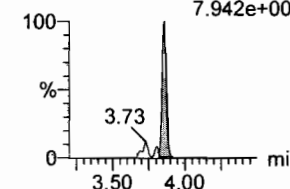


**L-PFHxS**

F17:MRM of 2 channels,ES-  
398.9 > 79.6  
1.113e+006

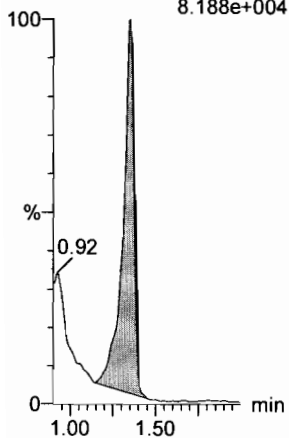


F17:MRM of 2 channels,ES-  
398.9 > 99.0  
7.942e+005



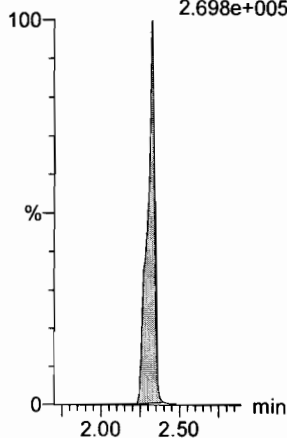
**13C3-PFBA**

F2:MRM of 1 channel,ES-  
216.1 > 171.8  
8.188e+004



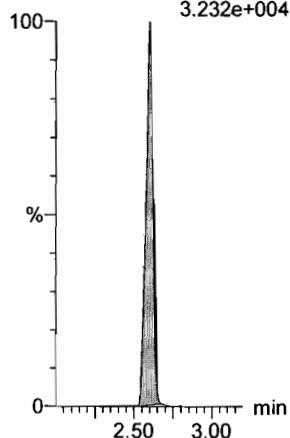
**13C3-PFPeA**

F5:MRM of 1 channel,ES-  
266. > 221.8  
2.698e+005



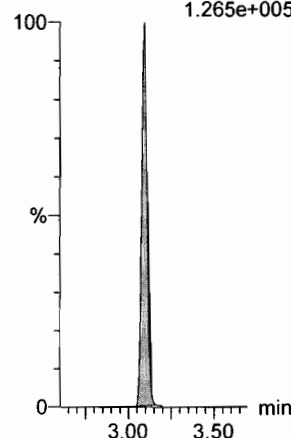
**13C3-PFBS**

F7:MRM of 1 channel,ES-  
302. > 98.8  
3.232e+004



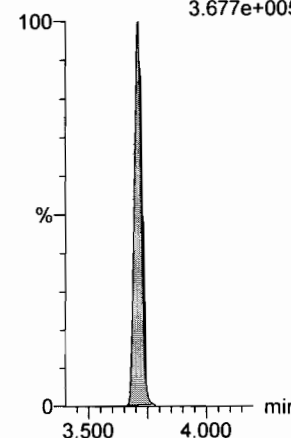
**13C2-PFHxA**

F9:MRM of 1 channel,ES-  
315 > 269.8  
1.265e+005



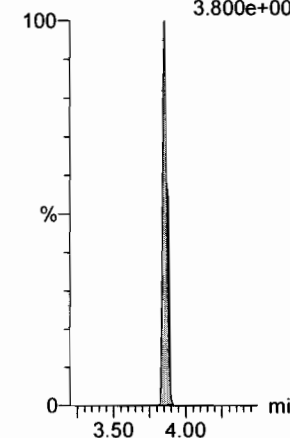
**13C4-PFHpA**

F16:MRM of 1 channel,ES-  
367.2 > 321.8  
3.677e+005



**18O2-PFHxS**

F19:MRM of 1 channel,ES-  
403.0 > 102.6  
3.800e+004



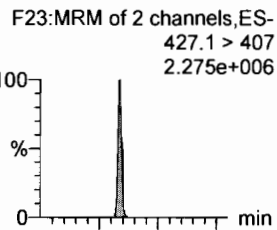
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Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

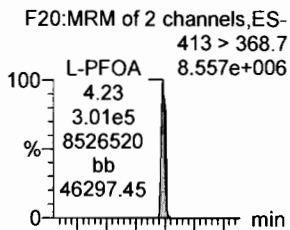
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Name: 180312M1\_10, Date: 12-Mar-2018, Time: 23:21:20, ID: ST180312M1-9 PFC CS6 18B2821, Description: PFC CS6 18B2821

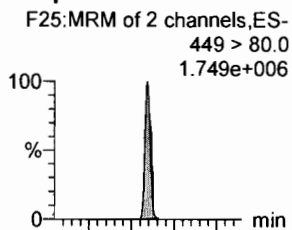
6:2 FTS



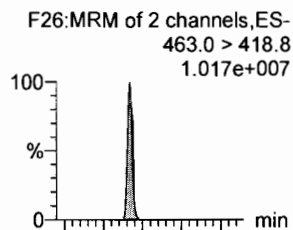
L-PFOA



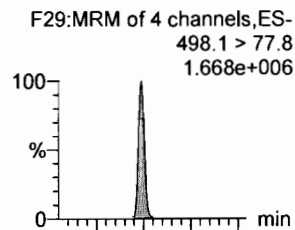
PFHpS



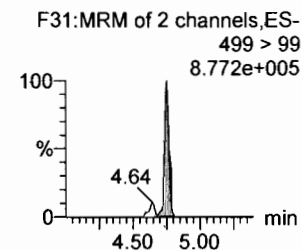
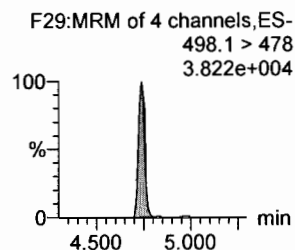
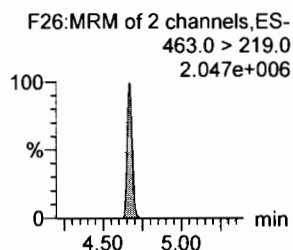
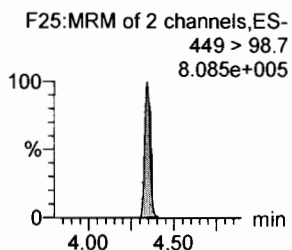
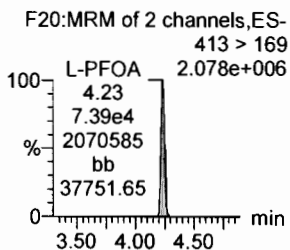
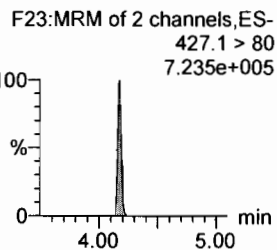
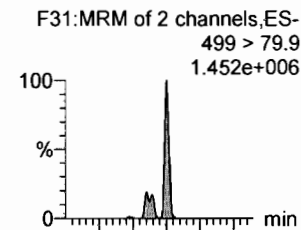
PFNA



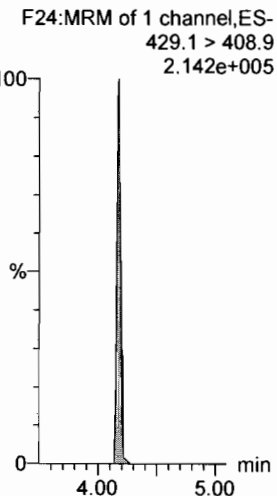
PFOSA



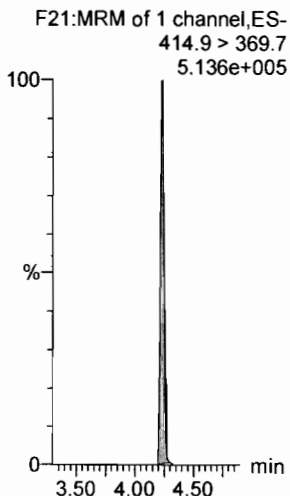
L-PFOS



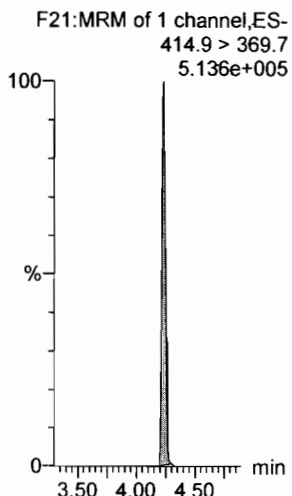
13C2-6:2 FTS



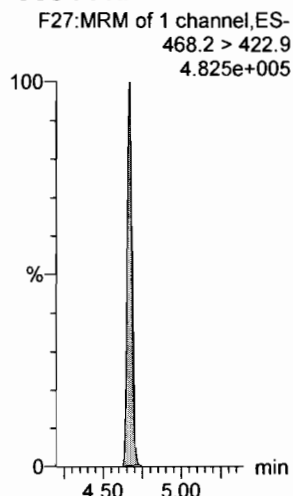
13C2-PFOA



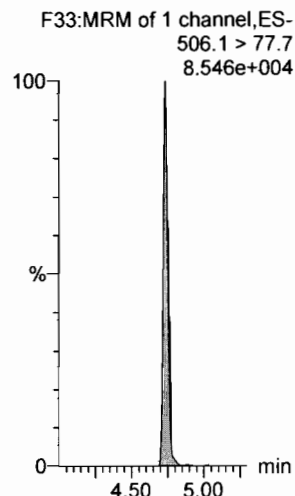
13C2-PFOA



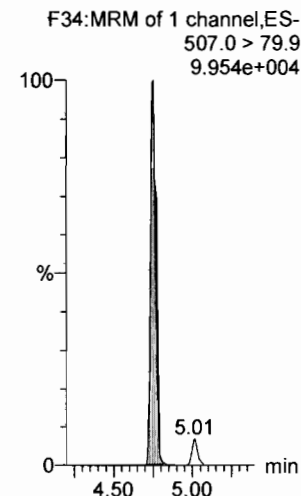
13C5-PFNA



13C8-PFOSA



13C8-PFOS



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

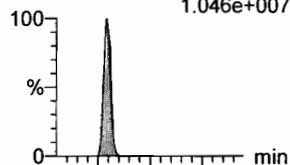
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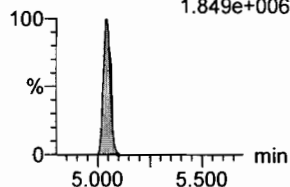
Name: 180312M1\_10, Date: 12-Mar-2018, Time: 23:21:20, ID: ST180312M1-9 PFC CS6 18B2821, Description: PFC CS6 18B2821

**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
1.046e+007

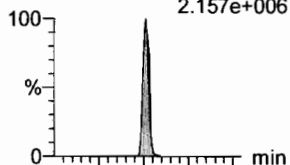


F36:MRM of 2 channels,ES-  
513 > 219  
1.849e+006

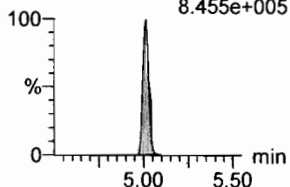


**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
2.157e+006

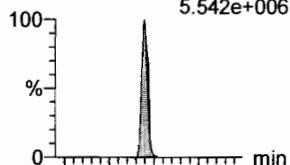


F41:MRM of 2 channels,ES-  
527 > 80  
8.455e+005

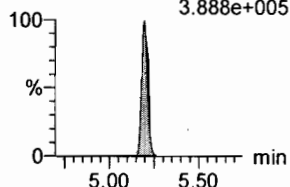


**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
5.542e+006

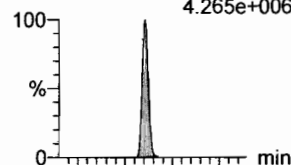


F47:MRM of 2 channels,ES-  
570.1 > 483.0  
3.888e+005

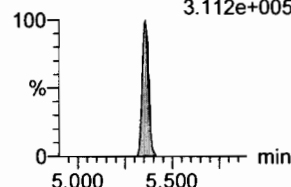


**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
4.265e+006

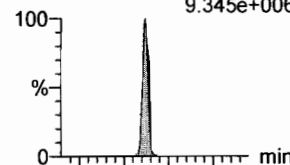


F50:MRM of 2 channels,ES-  
584.2 > 483.0  
3.112e+005

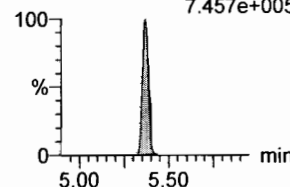


**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
9.345e+006

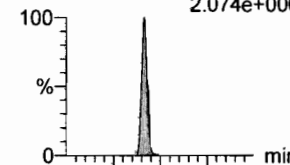


F45:MRM of 2 channels,ES-  
563.0 > 269  
7.457e+005

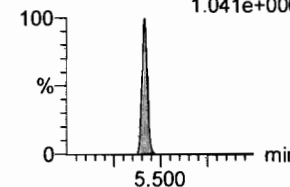


**PFDS**

F52:MRM of 2 channels,ES-  
598.8 > 80  
2.074e+006

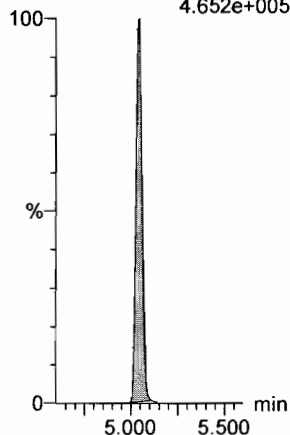


F52:MRM of 2 channels,ES-  
598.8 > 98.7  
1.041e+006



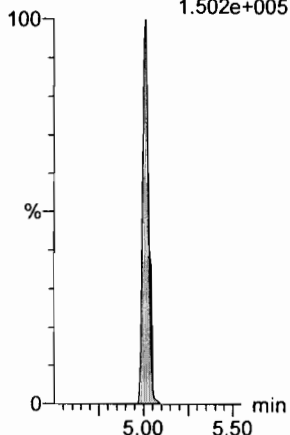
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
4.652e+005



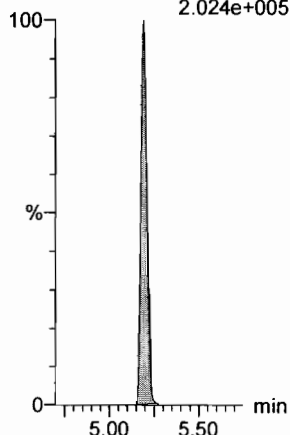
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
1.502e+005



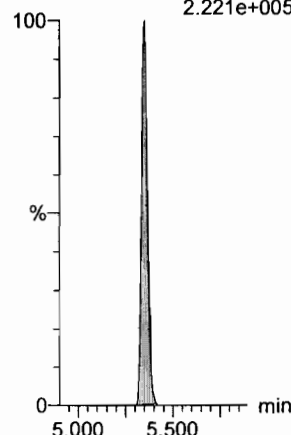
**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
2.024e+005



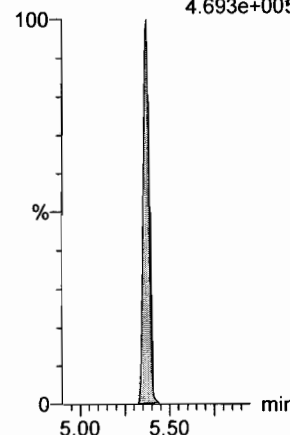
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
2.221e+005



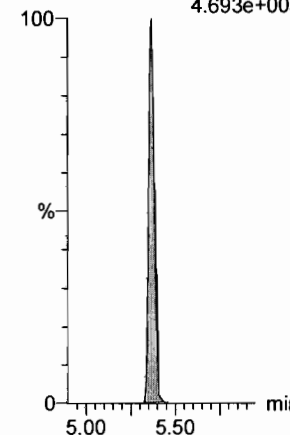
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
4.693e+005



**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
4.693e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

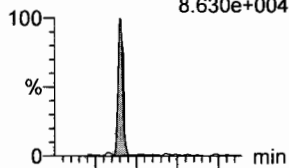
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Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

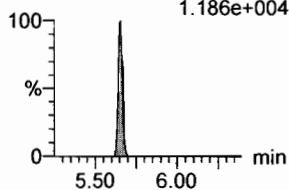
Name: 180312M1\_10, Date: 12-Mar-2018, Time: 23:21:20, ID: ST180312M1-9 PFC CS6 18B2821, Description: PFC CS6 18B2821

**PFDoA**

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
8.630e+004

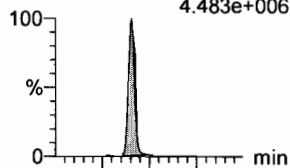


F53:MRM of 4 channels,ES-  
612.9 > 318.8  
1.186e+004

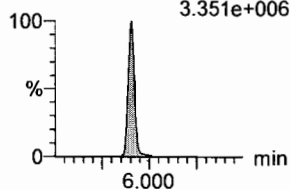


**N-MeFOSA**

F35:MRM of 2 channels,ES-  
512.1 > 168.9  
4.483e+006

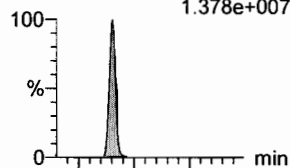


F35:MRM of 2 channels,ES-  
512.1 > 219  
3.351e+006

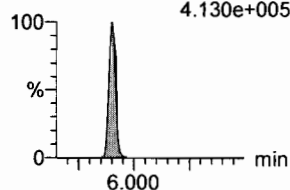


**PFTrDA**

F59:MRM of 2 channels,ES-  
662.9 > 618.9  
1.378e+007

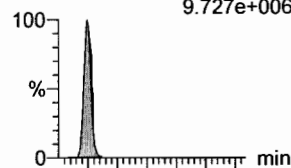


F59:MRM of 2 channels,ES-  
662.9 > 319  
4.130e+005

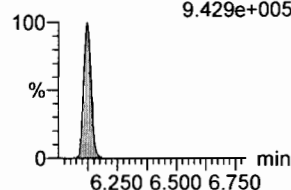


**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
9.727e+006

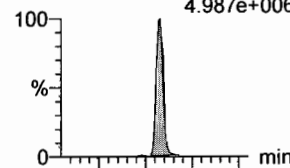


F60:MRM of 2 channels,ES-  
712.9 > 369  
9.429e+005

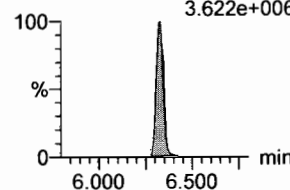


**N-EtFOSA**

F40:MRM of 2 channels,ES-  
526.1 > 168.9  
4.987e+006

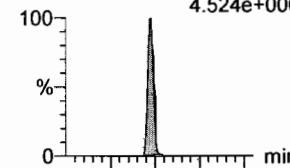


F40:MRM of 2 channels,ES-  
526.1 > 219  
3.622e+006

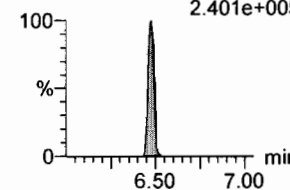


**PFHxDA**

F62:MRM of 2 channels,ES-  
813.1 > 768.6  
4.524e+006

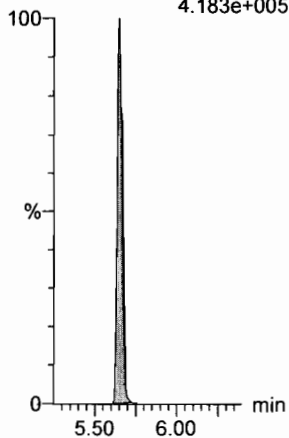


F62:MRM of 2 channels,ES-  
813.1 > 219  
2.401e+005



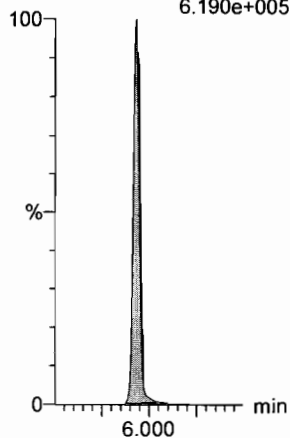
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
4.183e+005



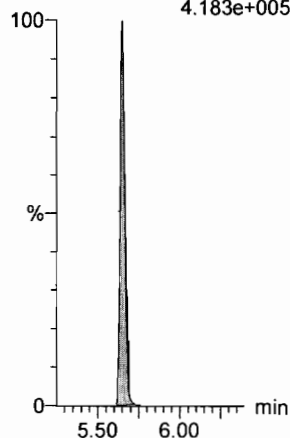
**d3-N-MeFOSA**

F38:MRM of 1 channel,ES-  
515.2 > 168.9  
6.190e+005



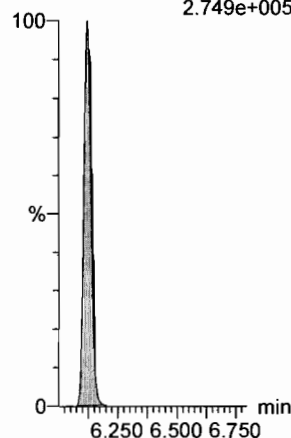
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
4.183e+005



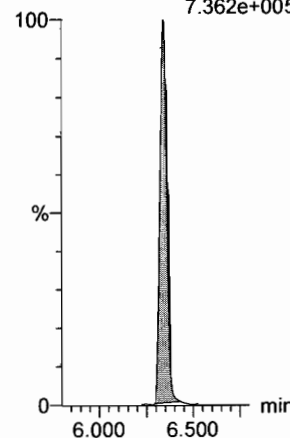
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
2.749e+005



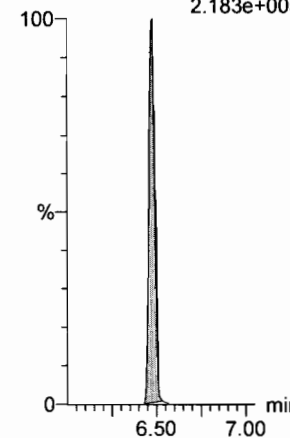
**d5-N-ETFOSA**

F43:MRM of 1 channel,ES-  
531.1 > 168.9  
7.362e+005



**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
2.183e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

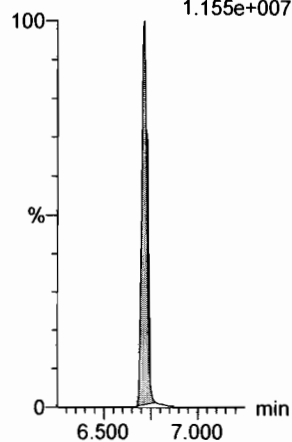
Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_10, Date: 12-Mar-2018, Time: 23:21:20, ID: ST180312M1-9 PFC CS6 18B2821, Description: PFC CS6 18B2821

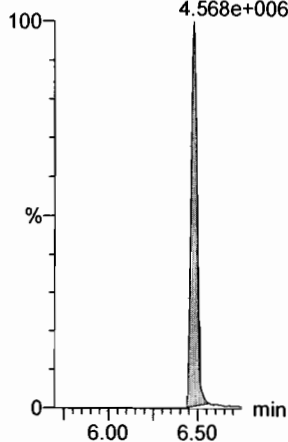
**PFODA**

F64:MRM of 1 channel,ES-  
913.1 > 868.8  
1.155e+007



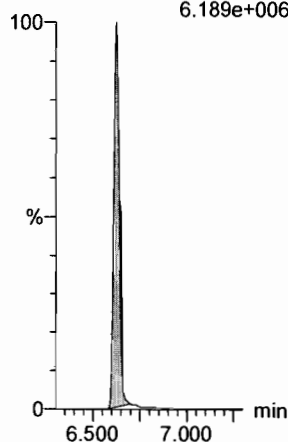
**N-MeFOSE**

F55:MRM of 1 channel,ES-  
616.1 > 58.9  
4.568e+006



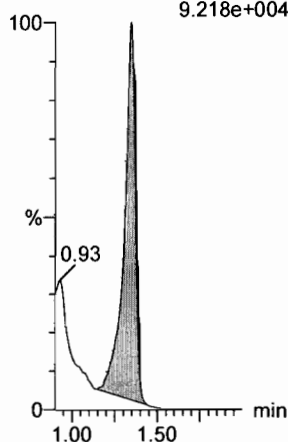
**N-EtFOSE**

F57:MRM of 1 channel,ES-  
630.1 > 58.9  
6.189e+006



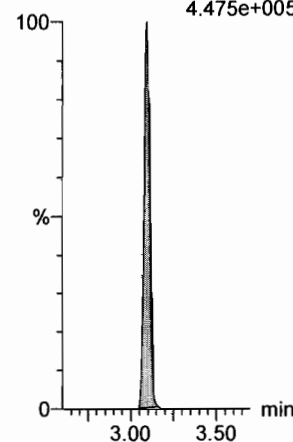
**13C4-PFBA**

F3:MRM of 1 channel,ES-  
217. > 171.8  
9.218e+004



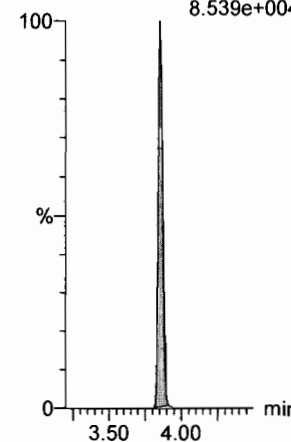
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
4.475e+005



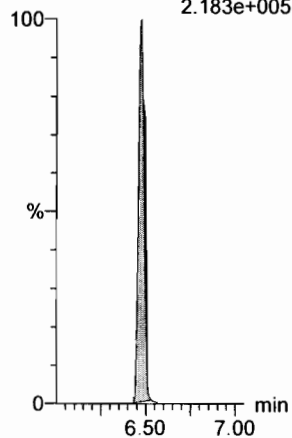
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
8.539e+004



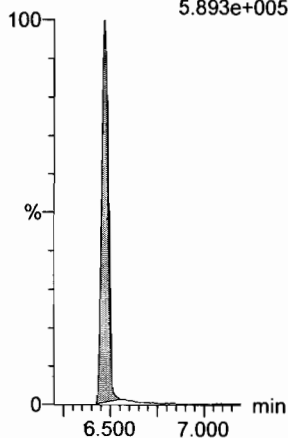
**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
2.183e+005



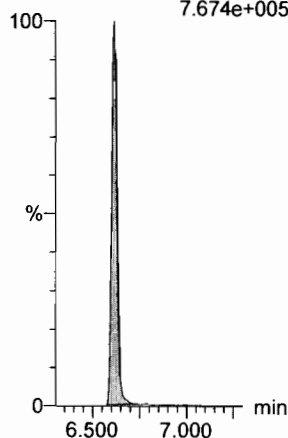
**d7-N-MeFOSE**

F56:MRM of 1 channel,ES-  
623.1 > 58.9  
5.893e+005



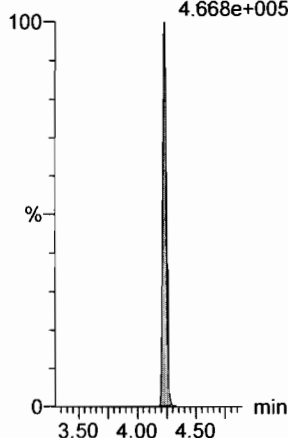
**d9-N-EtFOSE**

F58:MRM of 1 channel,ES-  
639.2 > 58.8  
7.674e+005



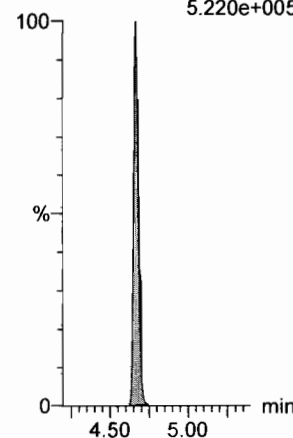
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
4.668e+005



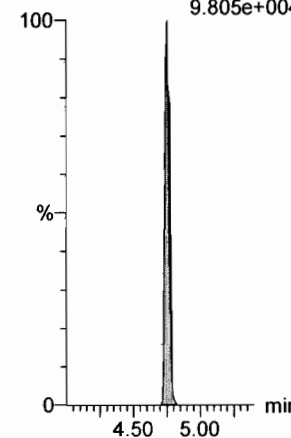
**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
5.220e+005



**13C4-PFOS**

F32:MRM of 1 channel,ES-  
503 > 79.9  
9.805e+004





Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

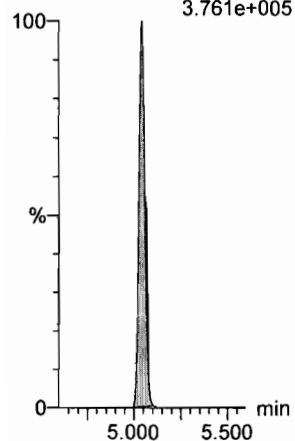
Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_10, Date: 12-Mar-2018, Time: 23:21:20, ID: ST180312M1-9 PFC CS6 18B2821, Description: PFC CS6 18B2821

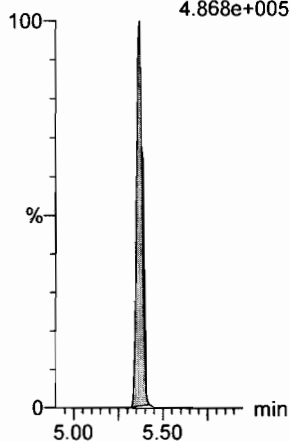
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
3.761e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
4.868e+005

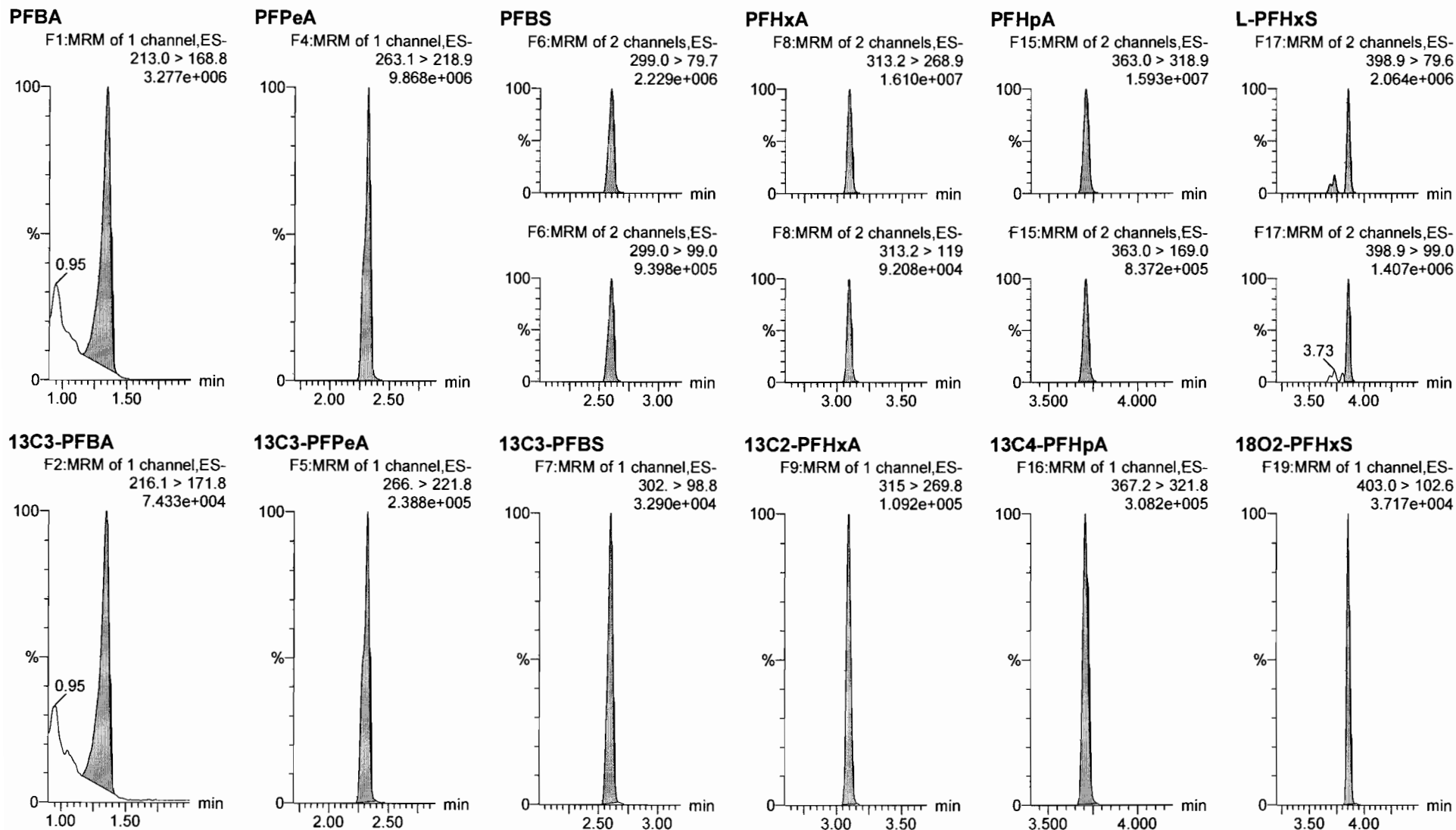


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_11, Date: 12-Mar-2018, Time: 23:32:47, ID: ST180312M1-10 PFC CS7 18B2822, Description: PFC CS7 18B2822

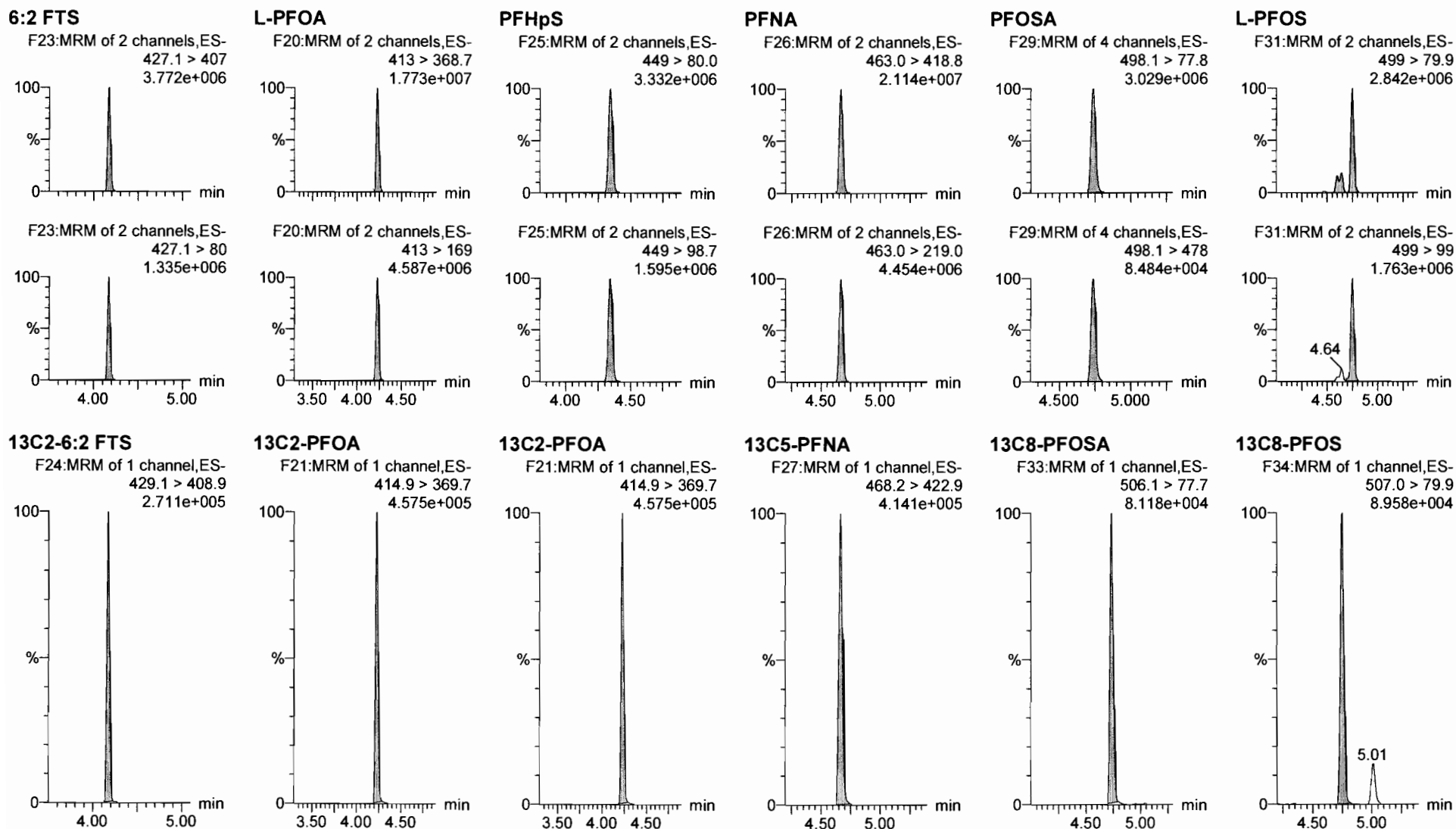


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_11, Date: 12-Mar-2018, Time: 23:32:47, ID: ST180312M1-10 PFC CS7 18B2822, Description: PFC CS7 18B2822



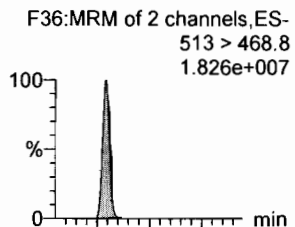
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

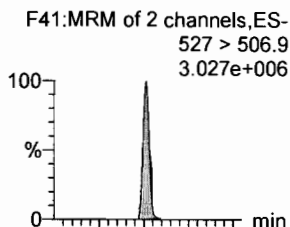
Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_11, Date: 12-Mar-2018, Time: 23:32:47, ID: ST180312M1-10 PFC CS7 18B2822, Description: PFC CS7 18B2822

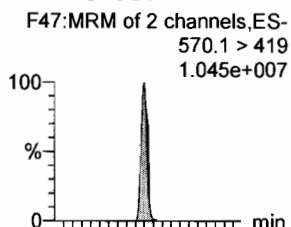
**PFDA**



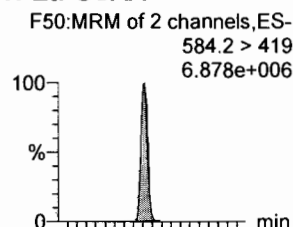
**8:2 FTS**



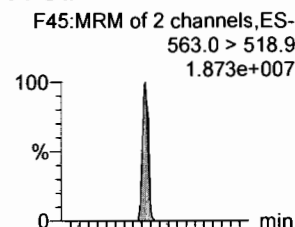
**N-MeFOSAA**



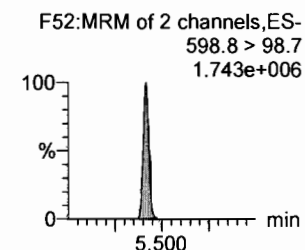
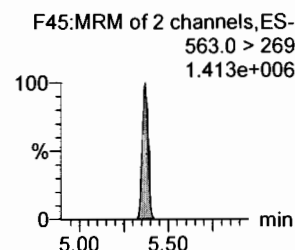
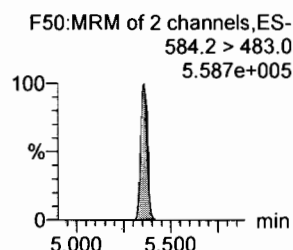
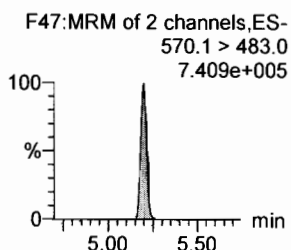
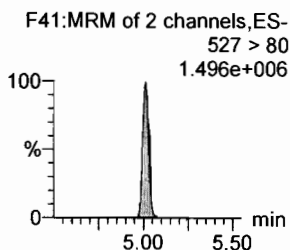
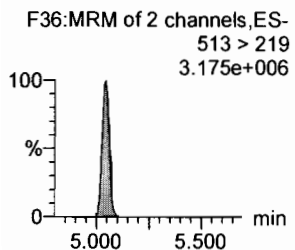
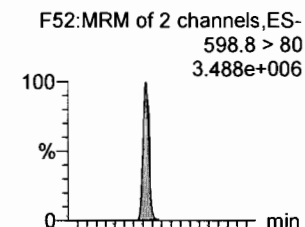
**N-EtFOSAA**



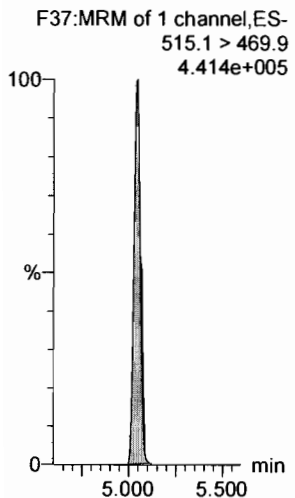
**PFUdA**



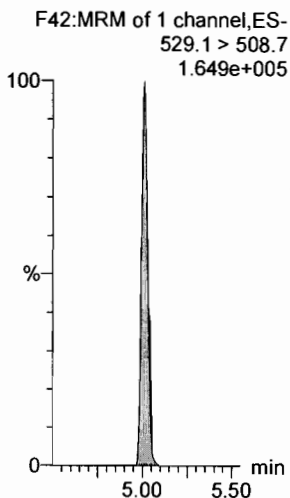
**PFDS**



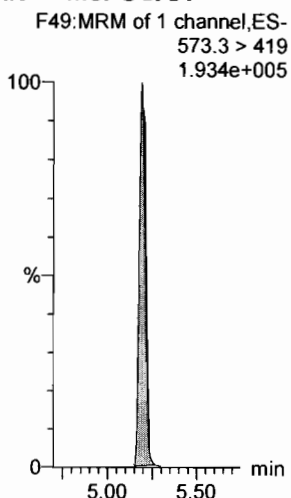
**13C2-PFDA**



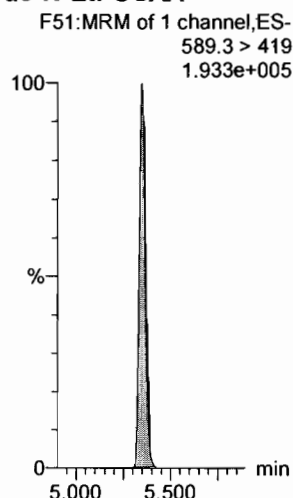
**13C2-8:2 FTS**



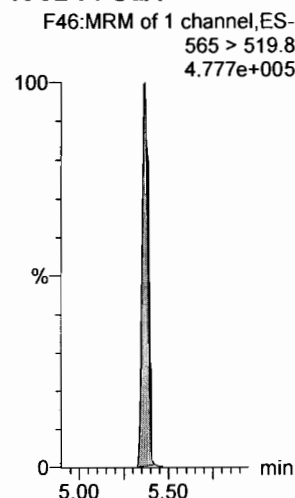
**d3-N-MeFOSAA**



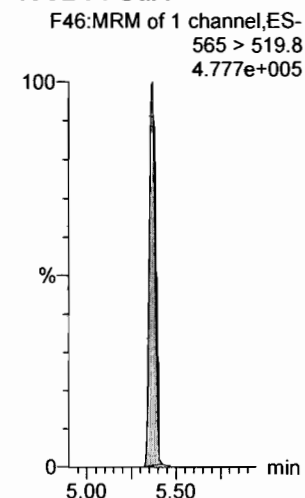
**d5-N-EtFOSAA**



**13C2-PFUdA**



**13C2-PFUdA**



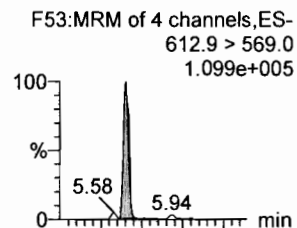
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

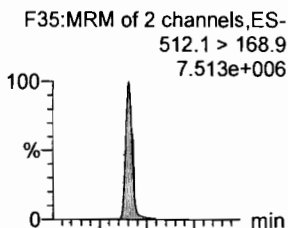
Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_11, Date: 12-Mar-2018, Time: 23:32:47, ID: ST180312M1-10 PFC CS7 18B2822, Description: PFC CS7 18B2822

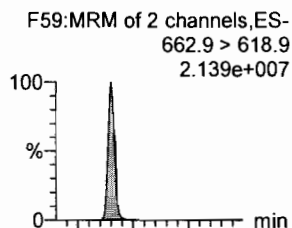
**PFD<sub>o</sub>A**



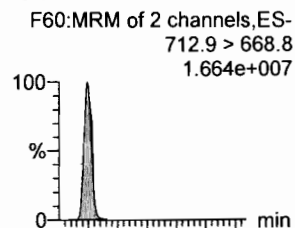
**N-MeFOSA**



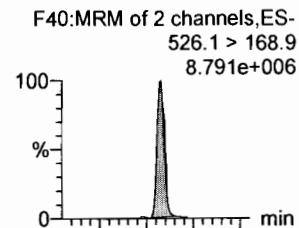
**PFT<sub>r</sub>DA**



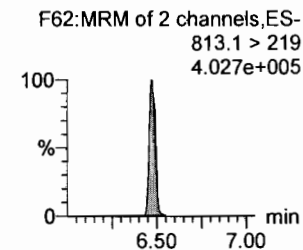
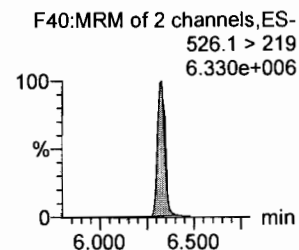
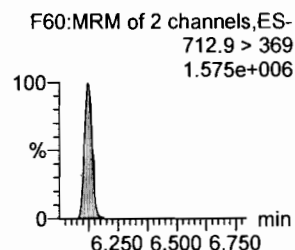
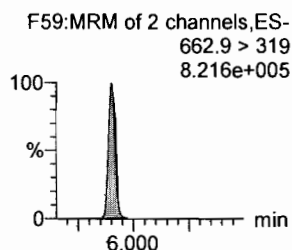
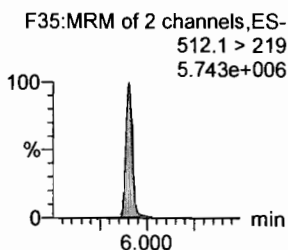
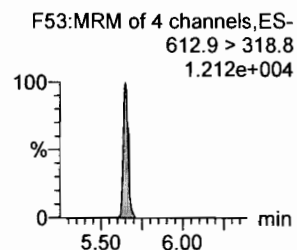
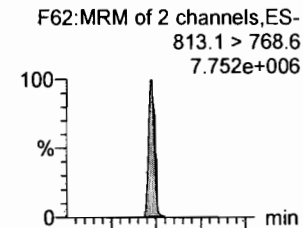
**PFT<sub>e</sub>DA**



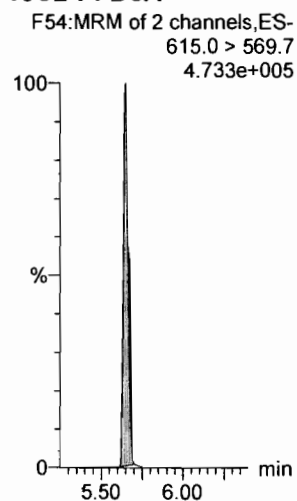
**N-EtFOSA**



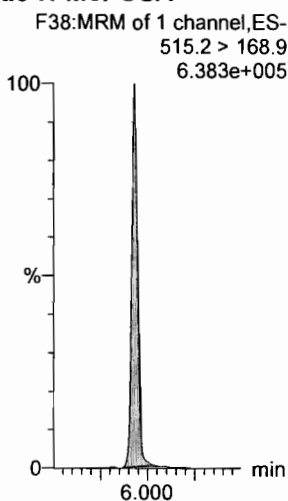
**PFH<sub>x</sub>DA**



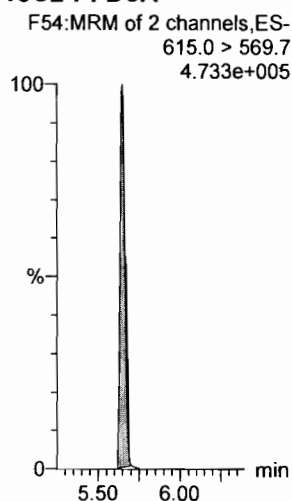
**13C<sub>2</sub>-PFD<sub>o</sub>A**



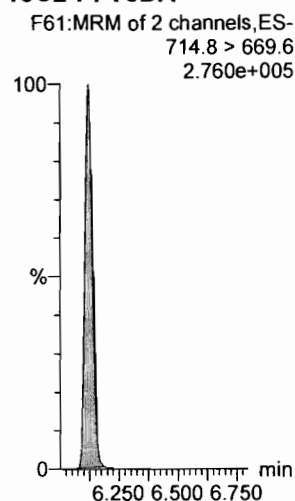
**d<sub>3</sub>-N-MeFOSA**



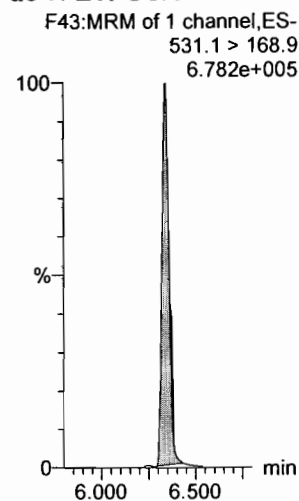
**13C<sub>2</sub>-PFT<sub>o</sub>A**



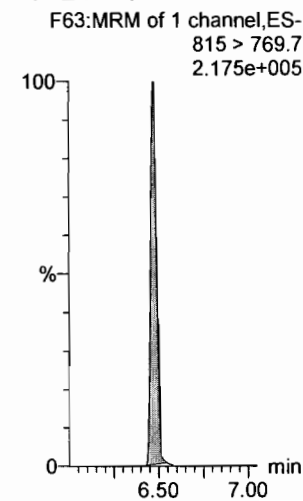
**13C<sub>2</sub>-PFT<sub>e</sub>DA**



**d<sub>5</sub>-N-ETFOSA**



**13C<sub>2</sub>-PFH<sub>x</sub>DA**

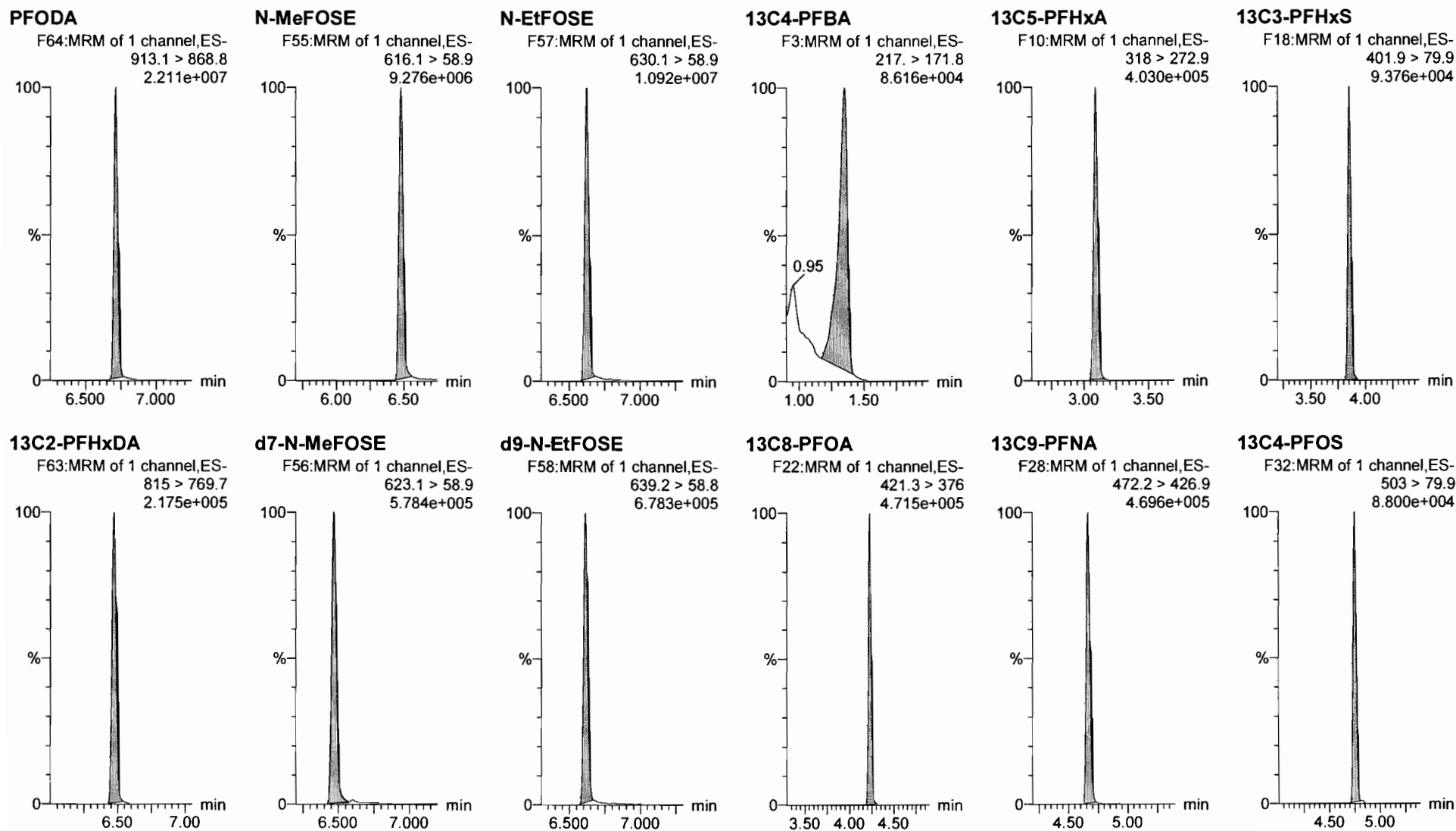


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_11, Date: 12-Mar-2018, Time: 23:32:47, ID: ST180312M1-10 PFC CS7 18B2822, Description: PFC CS7 18B2822



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-CRV.qld

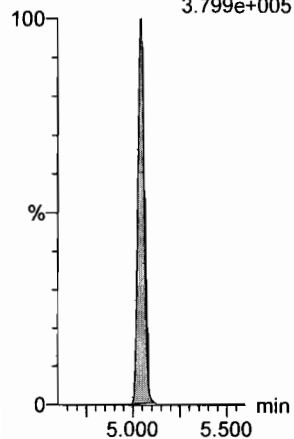
Last Altered: Tuesday, March 13, 2018 15:31:22 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:33:40 Pacific Daylight Time

Name: 180312M1\_11, Date: 12-Mar-2018, Time: 23:32:47, ID: ST180312M1-10 PFC CS7 18B2822, Description: PFC CS7 18B2822

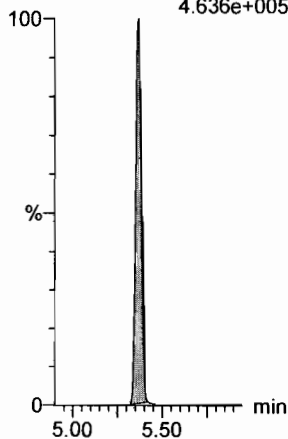
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
3.799e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
4.636e+005



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-13.qld

Last Altered: Tuesday, March 13, 2018 15:45:12 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:45:56 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 15:31:22

Name: 180312M1\_13, Date: 12-Mar-2018, Time: 23:55:44, ID: ICV180312M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812

*on 3/13/18*  
 (B) NOT used  
 (A) NOT on ICV.

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out
1	1 PFBA	213.0 > 168.8	5.35e3	5.81e3		1.37	1.35	11.5	10.2	102.0	NO
2	2 PFPeA	263.1 > 218.9	1.22e4	1.55e4		2.70	2.33	9.90	10.0	100.4	NO
3	3 PFBS	299.0 > 79.7	2.49e3	1.87e3		2.98	2.60	16.6	8.94	89.4	NO
4	4 4:2 FTS	327.2>307.2	3.22e3	1.87e3		3.38	3.00	21.5	9.73	97.3	NO
5	5 PFHxA	313.2 > 268.9	1.61e4	5.34e3		3.48	3.09	15.0	10.3	103.1	NO
6	6 PFPeS	349.1>80.1	2.59e3	1.87e3		3.67	3.29	17.4	10.4	103.8	NO
7	7 PFHpA	363.0 > 318.9	1.29e4	1.31e4		4.10	3.71	12.3	9.73	97.3	NO
8	8 L-PFHxS	398.9 > 79.6	1.92e3	1.45e3		4.24	3.85	16.5	9.18	91.8	NO
9	10 6:2 FTS	427.1 > 407	3.30e3	4.84e3		4.56	4.17	8.53	9.08	90.8	NO
10	11 L-PFOA	413 > 368.7	1.40e4	1.89e4		4.30	4.23	9.26	10.0	100.3	NO
11	13 PFHpS	449 > 80.0	3.02e3	1.89e4		4.71	4.34	2.00	11.1	110.9	NO
12	14 PFNA	463.0 > 418.8	1.70e4	1.87e4		5.04	4.66	11.3	10.7	106.7	NO
13	15 PFOSA	498.1 > 77.8	2.95e3	3.27e3		5.09	4.73	11.3	11.5	114.7	NO
14	16 L-PFOS	499 > 79.9	3.15e3	3.78e3		4.84	4.75	10.4	9.54	95.4	NO
15	18 PFDA	513 > 468.8	1.52e4	1.64e4		5.40	5.04	11.6	8.79	87.9	NO
16	19 8:2 FTS	527 > 506.9	3.83e3	3.06e3		5.38	5.01	15.7	9.71	97.1	NO
17	20 PFNS	549.1>80.1	2.58e3	3.78e3		5.19	5.11	8.52	9.81	98.1	NO
18	21 N-MeFOSAA	570.1 > 419	9.41e3	8.82e3		5.55	5.19	13.3	9.68	96.8	NO
19	22 N-EtFOSAA	584.2 > 419	7.50e3	8.33e3		5.70	5.36	11.2	10.6	106.4	NO
20	23 PFuDA	563.0 > 518.9	1.73e4	1.85e4		5.72	5.36	11.7	11.3	113.4	NO
21	24 PFDS	598.8 > 80	3.43e3	1.85e4		5.76	5.41	2.31	10.6	105.8	NO
22	25 PFDoA	612.9 > 569.0	1.75e4	1.47e4		5.99	5.65	14.8			NO
23	26 N-MeFOSA	512.1 > 168.9		2.32e4		5.93					NO
24	27 PFTrDA	662.9 > 618.9	1.66e4	1.47e4		6.22	5.90	14.1	9.57	95.7	NO
25	28 PFTeDA	712.9 > 668.8	1.56e4	7.75e3		6.41	6.12	25.1	11.0	109.9	NO
26	29 N-EtFOSA	526.1 > 168.9		3.38e4		6.25					NO
27	30 PFHxDA	813.1 > 768.6		7.49e3		6.69					NO
28	31 PFODA	913.1 > 868.8		7.49e3		6.90					NO
29	32 N-MeFOSE	616.1 > 58.9		2.37e4		6.31					NO
30	33 N-EtFOSE	630.1 > 58.9		2.41e4		6.45					NO
31	34 13C3-PFBA	216.1 > 171.8	5.81e3	6.37e3	0.864	1.37	1.35	11.4	13.2	105.5	NO

(B)  
(A)  
(K)  
↓

✓ HAF 3/13/18  
 DM  
 3 11/3/18



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-13.qld

Last Altered: Tuesday, March 13, 2018 15:45:12 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:45:56 Pacific Daylight Time

Name: 180312M1\_13, Date: 12-Mar-2018, Time: 23:55:44, ID: ICV180312M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812

	# Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
32	35 13C3-PFPeA	266. > 221.8	1.55e4	1.64e4	0.862	2.70	2.32	11.8	13.7	109.6	NO	
33	36 13C3-PFBS	302. > 98.8	1.87e3	1.64e4	0.103	2.98	2.60	1.43	13.8	110.5	NO	
34	37 13C2-PFHxA	315 > 269.8	5.34e3	1.64e4	0.733	3.48	3.09	4.08	5.57	111.4	NO	
35	38 13C4-PFHpA	367.2 > 321.8	1.31e4	1.64e4	0.726	4.10	3.71	10.0	13.8	110.6	NO	
36	39 18O2-PFHxS	403.0 > 102.6	1.45e3	3.43e3	0.402	4.24	3.85	5.28	13.1	105.0	NO	
37	40 13C2-6:2 FTS	429.1 > 408.9	4.84e3	1.88e4	0.259	4.56	4.17	3.22	12.5	99.6	NO	
38	41 13C2-PFOA	414.9 > 369.7	1.89e4	1.88e4	1.057	4.61	4.22	12.6	11.9	95.1	NO	
39	42 13C5-PFNA	468.2 > 422.9	1.87e4	1.73e4	0.933	5.04	4.66	13.5	14.5	115.9	NO	
40	43 13C8-PFOSA	506.1 > 77.7	3.27e3	1.89e4	0.180	5.09	4.73	2.17	12.1	96.4	NO	
41	44 13C8-PFOS	507.0 > 79.9	3.78e3	3.86e3	1.028	5.11	4.75	12.2	11.9	95.3	NO	
42	45 13C2-PFDA	515.1 > 469.9	1.64e4	1.53e4	1.096	5.40	5.04	13.4	12.2	97.9	NO	
43	46 13C2-8:2 FTS	529.1 > 508.7	3.06e3	1.64e4	0.201	5.38	5.01	2.34	11.6	93.0	NO	
44	47 d3-N-MeFOSAA	573.3 > 419	8.82e3	1.89e4	0.442	5.55	5.19	5.85	13.2	105.9	NO	
45	48 d5-N-EtFOSAA	589.3 > 419	8.33e3	1.89e4	0.469	5.70	5.35	5.53	11.8	94.2	NO	
46	49 13C2-PFUdA	565 > 519.8	1.85e4	1.89e4	1.060	5.72	5.36	12.3	11.6	92.9	NO	
47	50 13C2-PFDoA	615.0 > 569.7	1.47e4	1.89e4	0.847	5.99	5.65	9.77	11.5	92.3	NO	
48	51 d3-N-MeFOSA	515.2 > 168.9	2.32e4	1.89e4	0.104	5.93	5.93	15.4	148	98.7	NO	
49	52 13C2-PFTeDA	714.8 > 669.6	7.75e3	1.89e4	0.481	6.41	6.12	5.14	10.7	85.4	NO	
50	53 d5-N-ETFOSA	531.1 > 168.9	3.38e4	1.89e4	0.147	6.25	6.34	22.4	152	101.6	NO	
51	54 13C2-PFHxDA	815 > 769.7	7.49e3	1.89e4	1.039	6.69	6.47	4.96	4.78	95.6	NO	
52	55 d7-N-MeFOSE	623.1 > 58.9	2.37e4	1.89e4	0.110	6.31	6.47	15.7	142	94.8	NO	
53	56 d9-N-EtFOSE	639.2 > 58.8	2.41e4	1.89e4	0.108	6.45	6.62	16.0	149	99.2	NO	
54	57 13C4-PFBA	217. > 171.8	6.37e3	6.37e3	1.000	1.73	1.35	12.5	12.5	100.0	NO	
55	58 13C5-PFHxA	318 > 272.9	1.64e4	1.64e4	1.000	3.48	3.09	12.5	12.5	100.0	NO	
56	59 13C3-PFHxS	401.9 > 79.9	3.43e3	3.43e3	1.000	4.24	3.85	12.5	12.5	100.0	NO	
57	60 13C8-PFOA	421.3 > 376	1.88e4	1.88e4	1.000	4.61	4.23	12.5	12.5	100.0	NO	
58	61 13C9-PFNA	472.2 > 426.9	1.73e4	1.73e4	1.000	4.70	4.66	12.5	12.5	100.0	NO	
59	62 13C4-PFOS	503 > 79.9	3.86e3	3.86e3	1.000	5.11	4.75	12.5	12.5	100.0	NO	
60	63 13C6-PFDA	519.1 > 473.7	1.53e4	1.53e4	1.000	5.40	5.04	12.5	12.5	100.0	NO	
61	64 13C7-PFUdA	570.1 > 524.8	1.89e4	1.89e4	1.000	5.72	5.36	12.5	12.5	100.0	NO	

Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-13.qld

Last Altered: Tuesday, March 13, 2018 15:45:12 Pacific Daylight Time

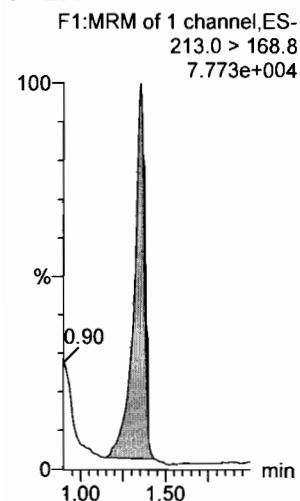
Printed: Tuesday, March 13, 2018 15:45:56 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031218.mdb 13 Mar 2018 10:18:26

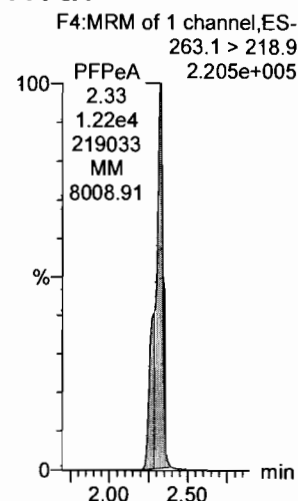
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-12-18-FULL\_FVM.cdb 13 Mar 2018 15:31:22

Name: 180312M1\_13, Date: 12-Mar-2018, Time: 23:55:44, ID: ICV180312M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812

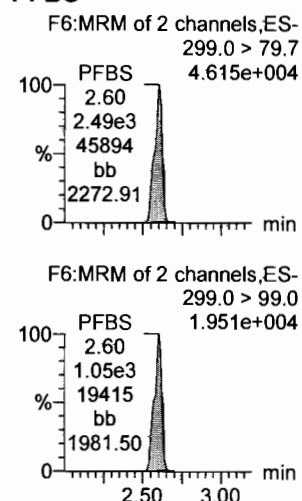
**PFBA**



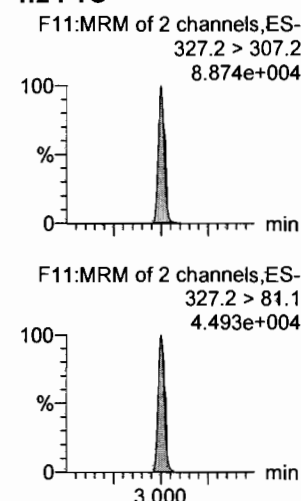
**PFPeA**



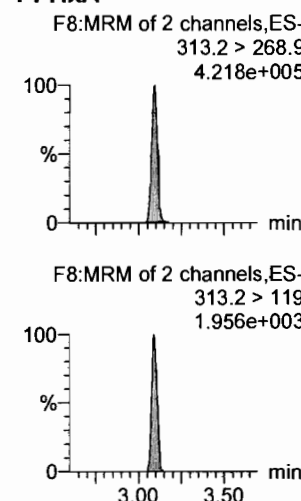
**PFBS**



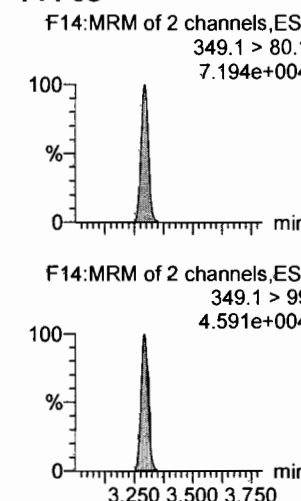
**4:2 FTS**



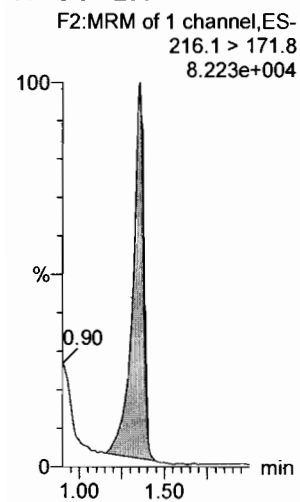
**PFHxA**



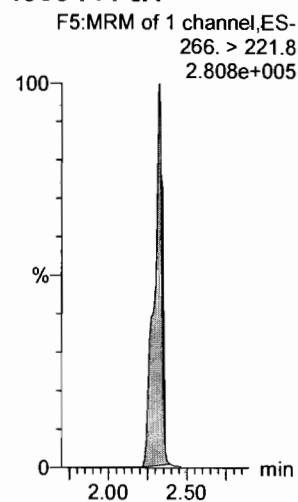
**PFPeS**



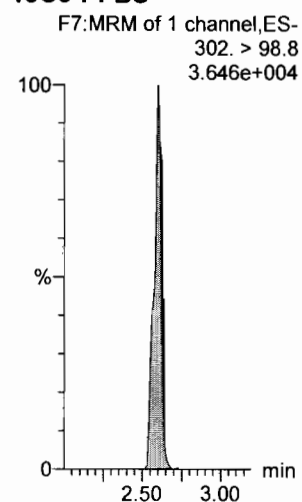
**13C3-PFBA**



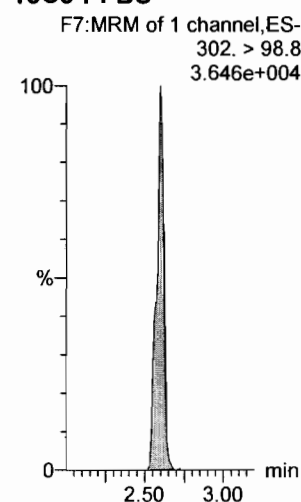
**13C3-PFPeA**



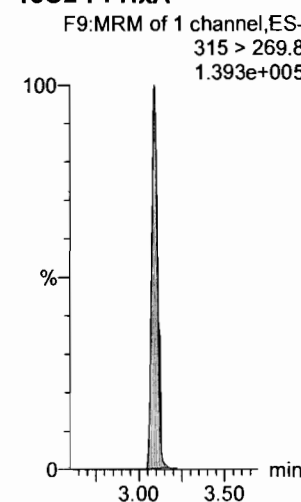
**13C3-PFBS**



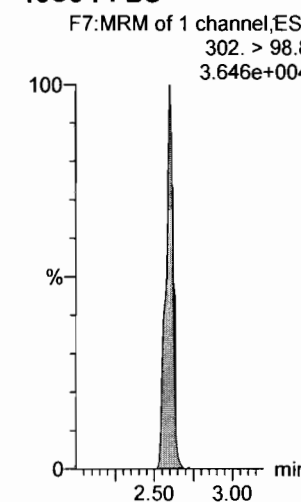
**13C3-PFBS**



**13C2-PFHxA**



**13C3-PFBS**



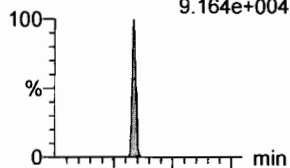
Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-13.qld

Last Altered: Tuesday, March 13, 2018 15:45:12 Pacific Daylight Time  
Printed: Tuesday, March 13, 2018 15:45:56 Pacific Daylight Time

Name: 180312M1\_13, Date: 12-Mar-2018, Time: 23:55:44, ID: ICV180312M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812

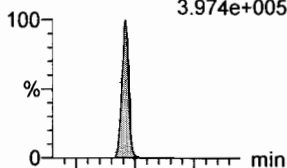
6:2 FTS

F23:MRM of 2 channels,ES-  
427.1 > 407  
9.164e+004



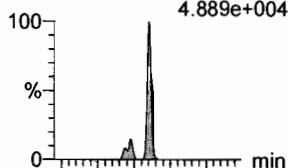
PFHpA

F15:MRM of 2 channels,ES-  
363.0 > 318.9  
3.974e+005



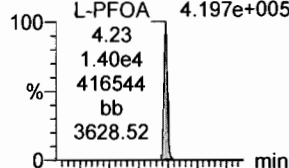
L-PFHxS

F17:MRM of 2 channels,ES-  
398.9 > 79.6  
4.889e+004



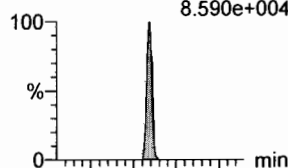
L-PFOA

F20:MRM of 2 channels,ES-  
413 > 368.7  
4.197e+005



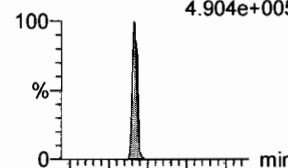
PFHpS

F25:MRM of 2 channels,ES-  
449 > 80.0  
8.590e+004

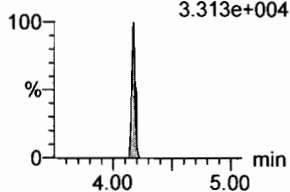


PFNA

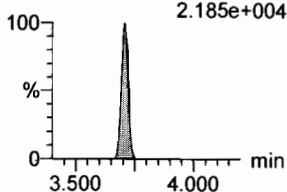
F26:MRM of 2 channels,ES-  
463.0 > 418.8  
4.904e+005



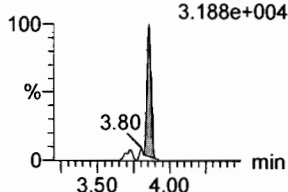
F23:MRM of 2 channels,ES-  
427.1 > 80  
3.313e+004



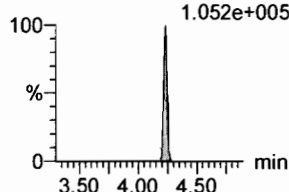
F15:MRM of 2 channels,ES-  
363.0 > 169.0  
2.185e+004



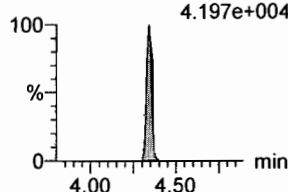
F17:MRM of 2 channels,ES-  
398.9 > 99.0  
3.188e+004



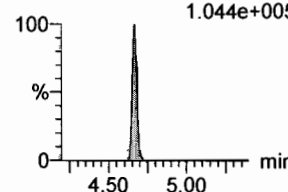
F20:MRM of 2 channels,ES-  
413 > 169  
1.052e+005



F25:MRM of 2 channels,ES-  
449 > 98.7  
4.197e+004

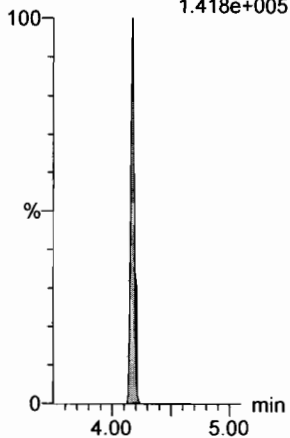


F26:MRM of 2 channels,ES-  
463.0 > 219.0  
1.044e+005



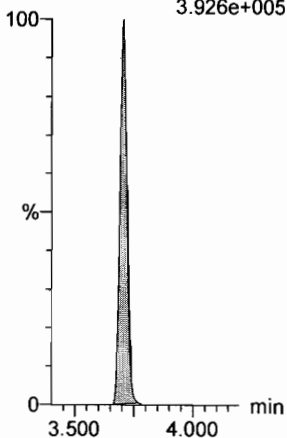
13C2-6:2 FTS

F24:MRM of 1 channel,ES-  
429.1 > 408.9  
1.418e+005



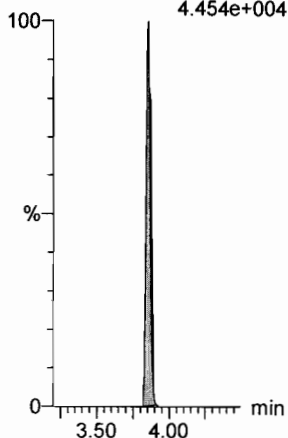
13C4-PFHpA

F16:MRM of 1 channel,ES-  
367.2 > 321.8  
3.926e+005



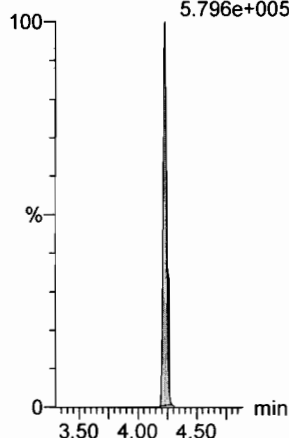
18O2-PFHxS

F19:MRM of 1 channel,ES-  
403.0 > 102.6  
4.454e+004



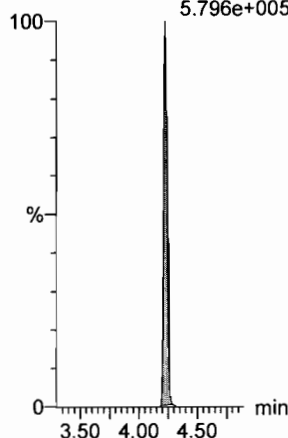
13C2-PFOA

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
5.796e+005



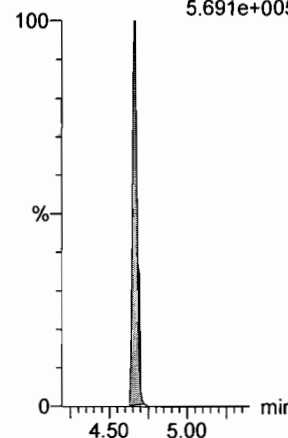
13C2-PFOA

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
5.796e+005



13C5-PFNA

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
5.691e+005

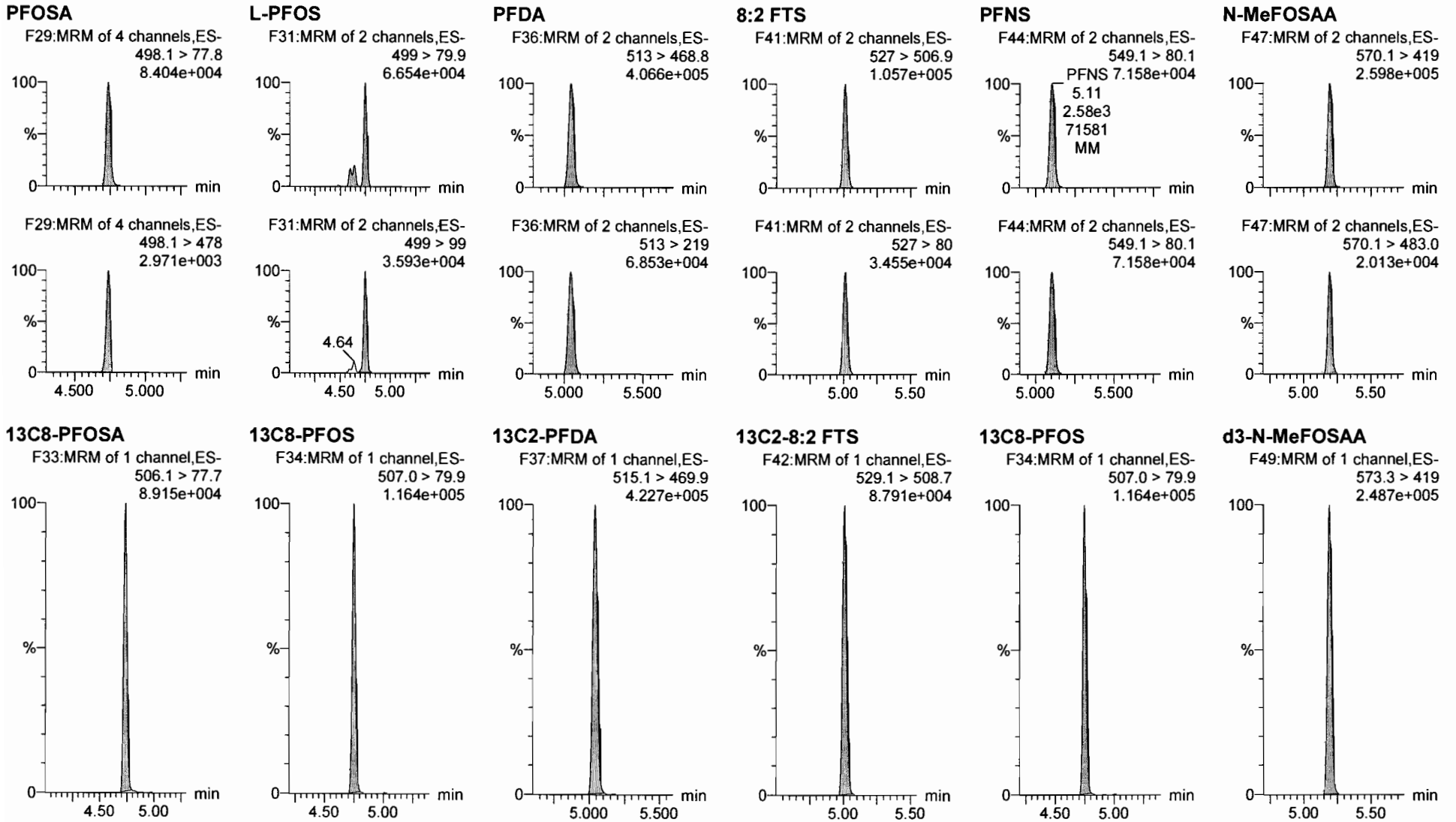


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-13.qld

Last Altered: Tuesday, March 13, 2018 15:45:12 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:45:56 Pacific Daylight Time

Name: 180312M1\_13, Date: 12-Mar-2018, Time: 23:55:44, ID: ICV180312M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812



Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-13.qld

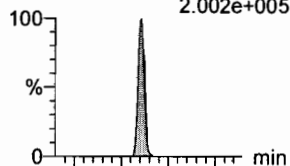
Last Altered: Tuesday, March 13, 2018 15:45:12 Pacific Daylight Time

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Name: 180312M1\_13, Date: 12-Mar-2018, Time: 23:55:44, ID: ICV180312M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812

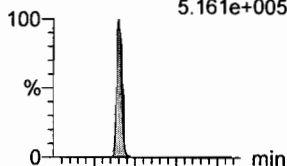
**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
2.002e+005



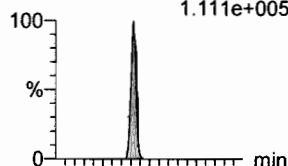
**PFDoA**

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
5.161e+005



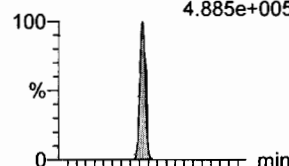
**PFDS**

F52:MRM of 2 channels,ES-  
598.8 > 80  
1.111e+005



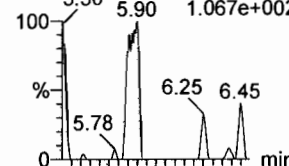
**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
4.885e+005



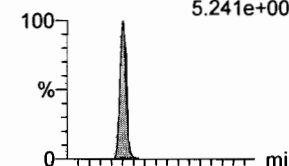
**N-MeFOSA**

F35:MRM of 2 channels,ES-  
512.1 > 168.9  
1.067e+002

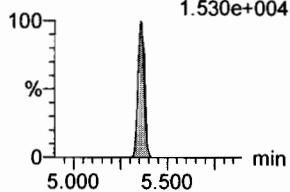


**PFTrDA**

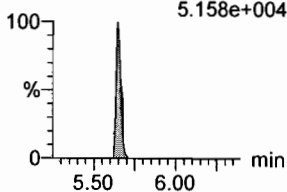
F59:MRM of 2 channels,ES-  
662.9 > 618.9  
5.241e+005



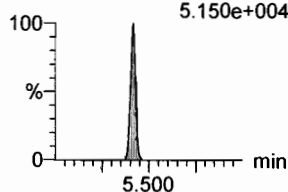
F50:MRM of 2 channels,ES-  
584.2 > 483.0  
1.530e+004



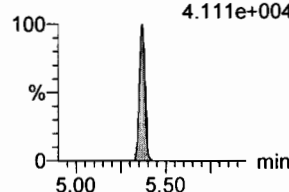
F53:MRM of 4 channels,ES-  
612.9 > 318.8  
5.158e+004



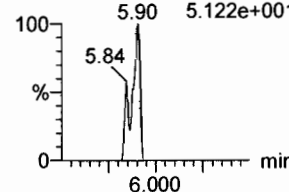
F52:MRM of 2 channels,ES-  
598.8 > 98.7  
5.150e+004



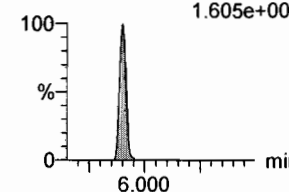
F45:MRM of 2 channels,ES-  
563.0 > 269  
4.111e+004



F35:MRM of 2 channels,ES-  
512.1 > 219  
5.122e+001

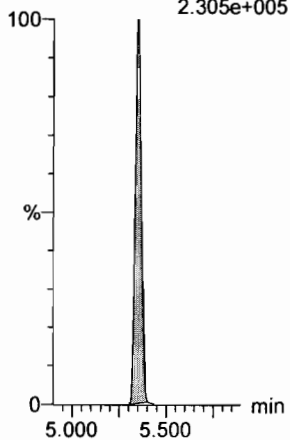


F59:MRM of 2 channels,ES-  
662.9 > 319  
1.605e+004



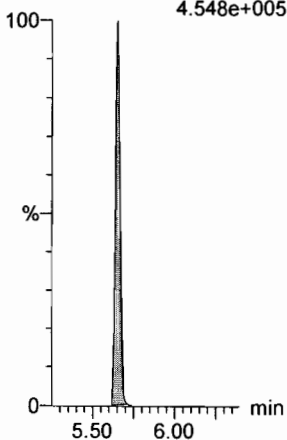
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
2.305e+005



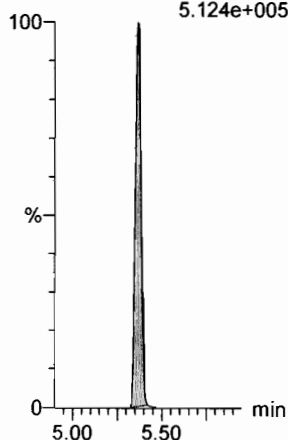
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
4.548e+005



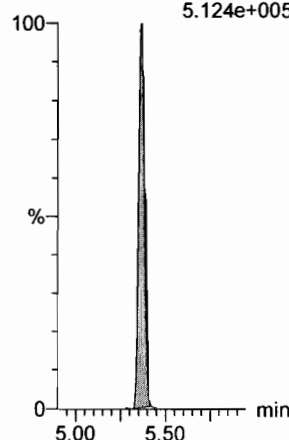
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
5.124e+005



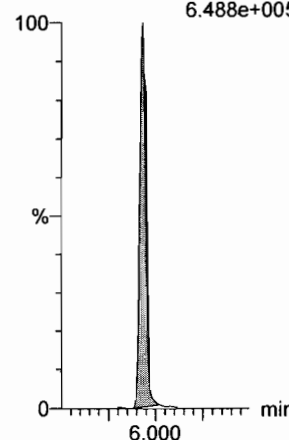
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
5.124e+005



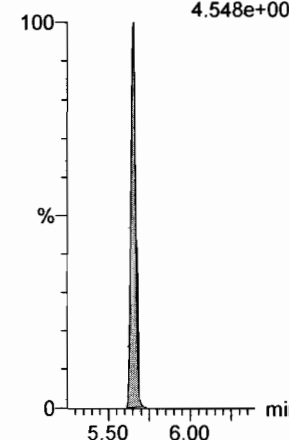
**d3-N-MeFOSA**

F38:MRM of 1 channel,ES-  
515.2 > 168.9  
6.488e+005



**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
4.548e+005



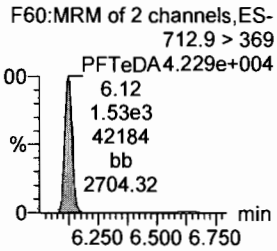
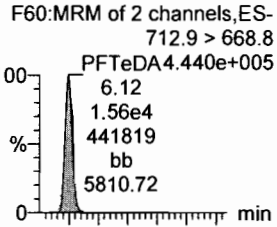
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Last Altered: Tuesday, March 13, 2018 15:45:12 Pacific Daylight Time

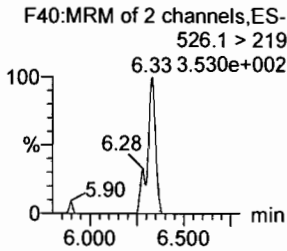
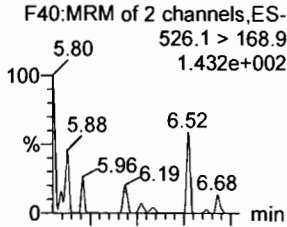
Printed: Tuesday, March 13, 2018 15:45:56 Pacific Daylight Time

Name: 180312M1\_13, Date: 12-Mar-2018, Time: 23:55:44, ID: ICV180312M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812

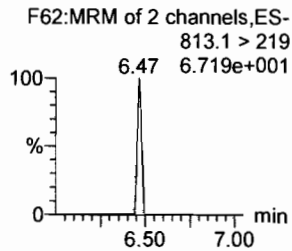
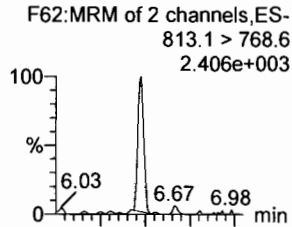
**PFTeDA**



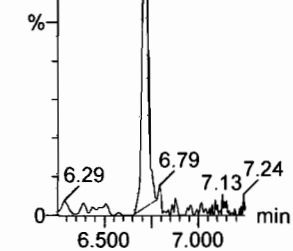
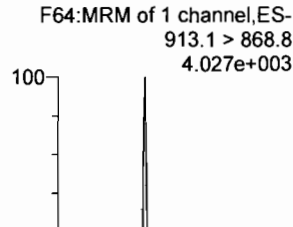
**N-EtFOSA**



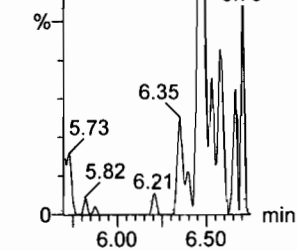
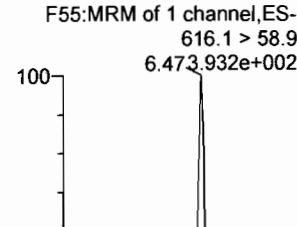
**PFHxDA**



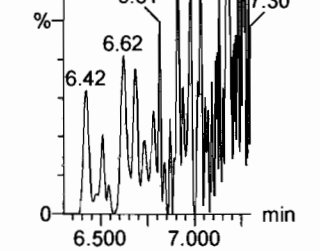
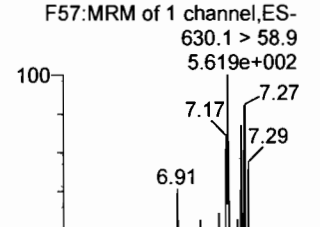
**PFODA**



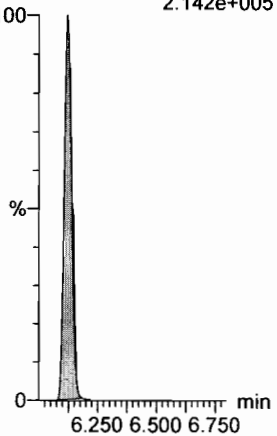
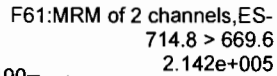
**N-MeFOSE**



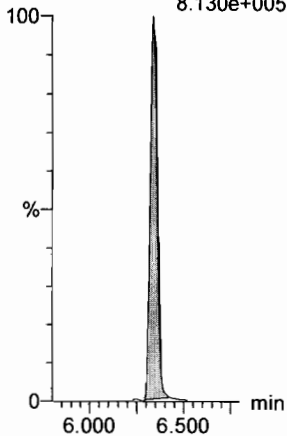
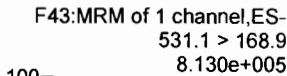
**N-EtFOSE**



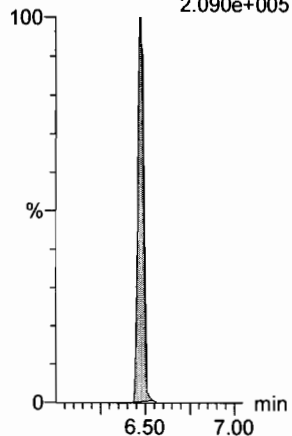
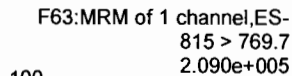
**13C2-PFTeDA**



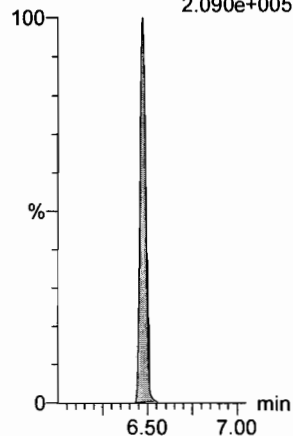
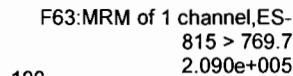
**d5-N-ETFOSA**



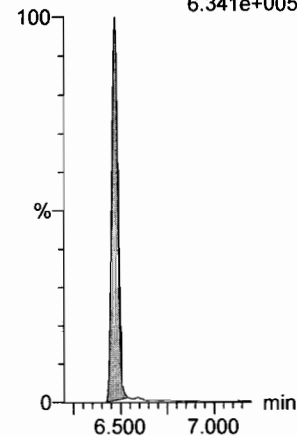
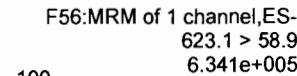
**13C2-PFHxDA**



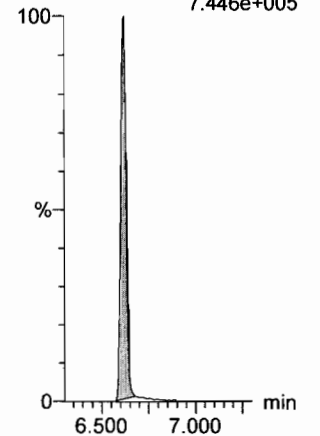
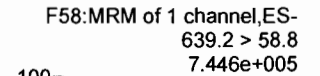
**13C2-PFODA**



**d7-N-MeFOSE**



**d9-N-EtFOSE**

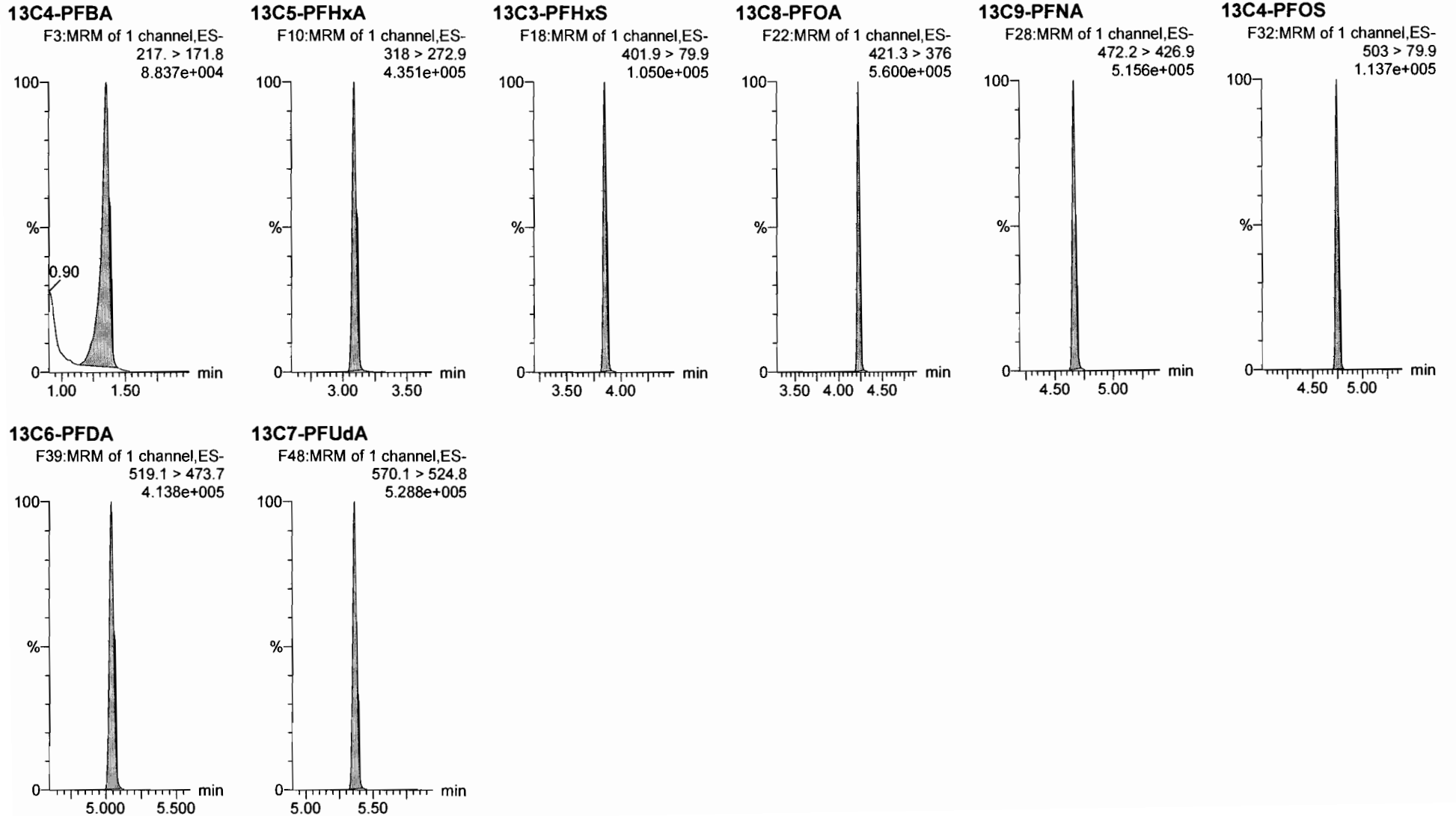


Dataset: F:\Projects\PFAS.PRO\Results\180312M1\180312M1-13.qld

Last Altered: Tuesday, March 13, 2018 15:45:12 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 15:45:56 Pacific Daylight Time

Name: 180312M1\_13, Date: 12-Mar-2018, Time: 23:55:44, ID: ICV180312M1-1 PFC ICV 18B2812, Description: PFC ICV 18B2812



Dataset: Untitled

Last Altered: Tuesday, March 13, 2018 09:55:12 Pacific Daylight Time

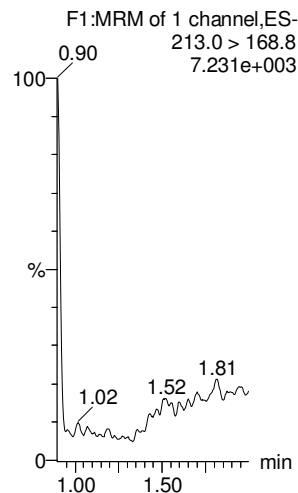
Printed: Tuesday, March 13, 2018 09:55:33 Pacific Daylight Time

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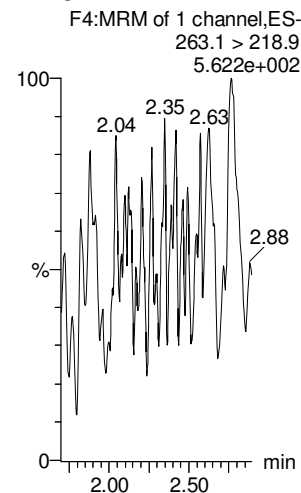
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-08-18-FULL.cdb 09 Mar 2018 18:24:24

Name: 180312M1\_12, Date: 12-Mar-2018, Time: 23:44:14, ID: IPA, Description: IPA

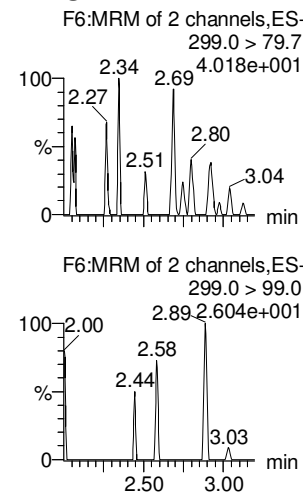
**PFBA**



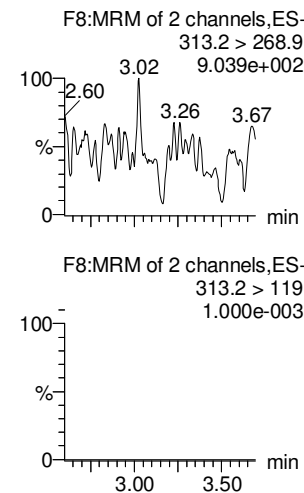
**PFPeA**



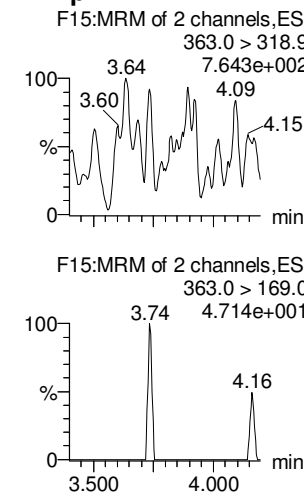
**PFBS**



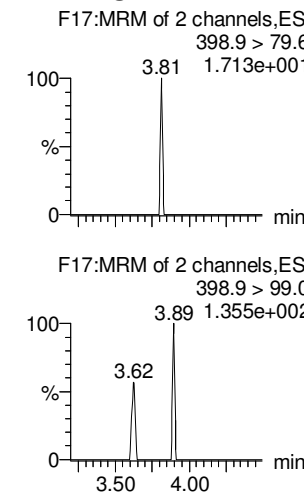
**PFHxA**



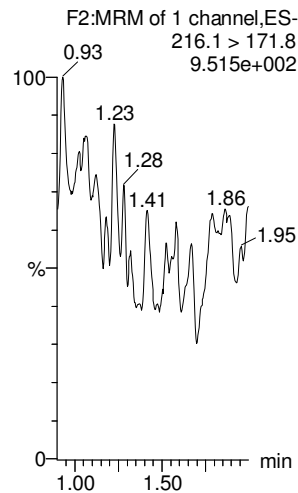
**PFHpA**



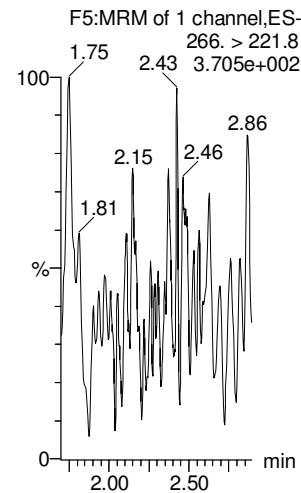
**L-PFHxS**



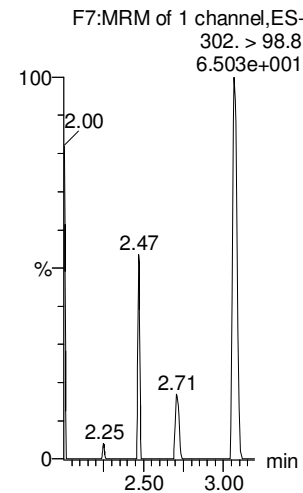
**13C3-PFBA**



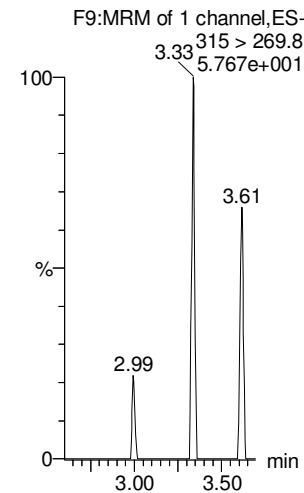
**13C3-PFPeA**



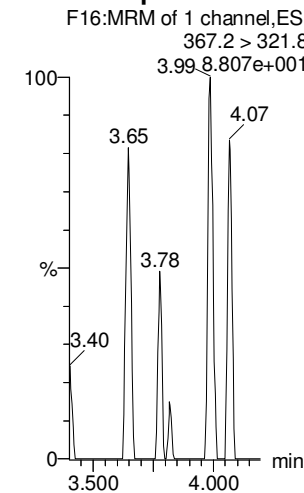
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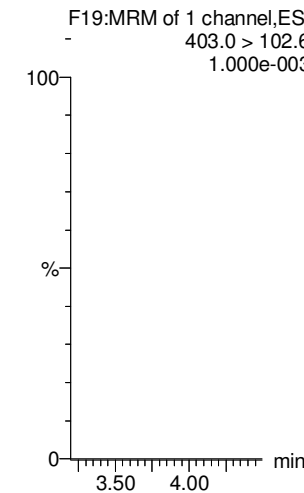
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**





Dataset: Untitled

Last Altered: Tuesday, March 13, 2018 09:55:12 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 09:55:33 Pacific Daylight Time

Name: 180312M1\_12, Date: 12-Mar-2018, Time: 23:44:14, ID: IPA, Description: IPA

**6:2 FTS**

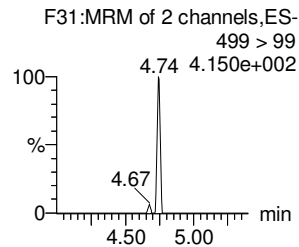
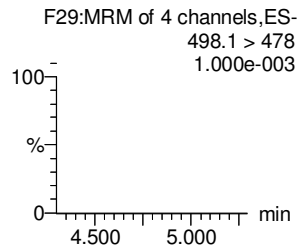
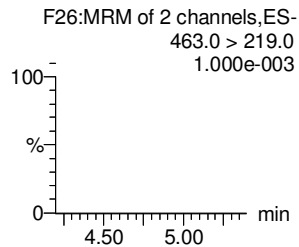
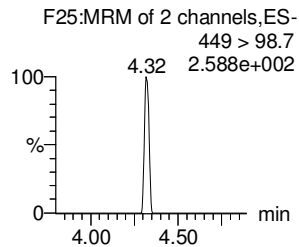
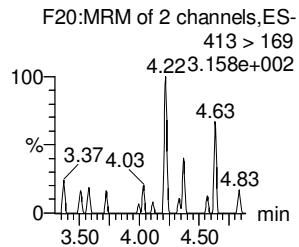
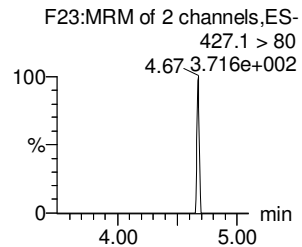
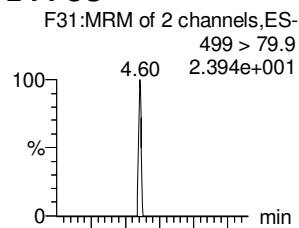
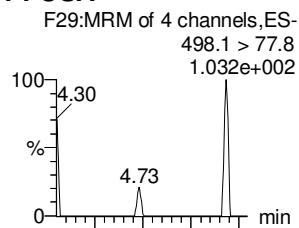
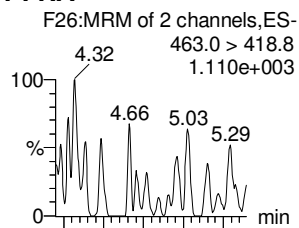
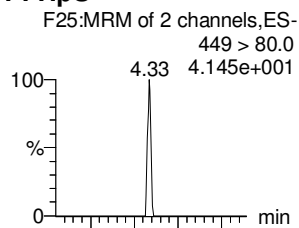
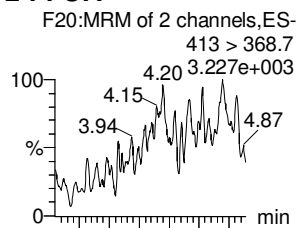
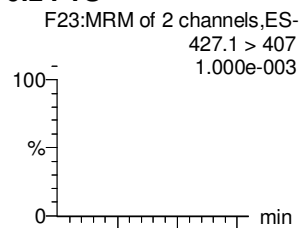
**L-PFOA**

**PFHpS**

**PFNA**

**PFOSA**

**L-PFOS**



**13C2-6:2 FTS**

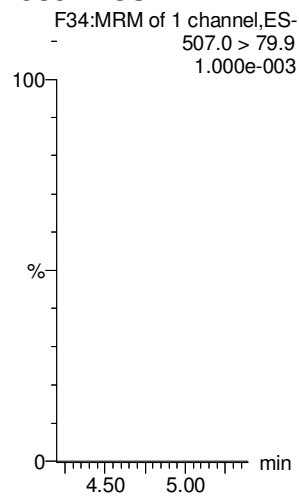
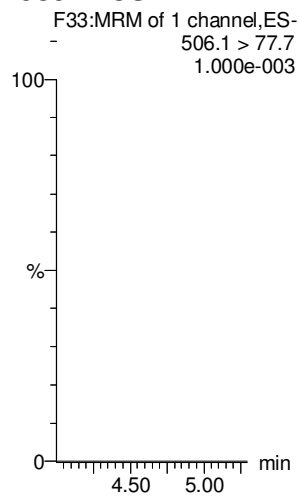
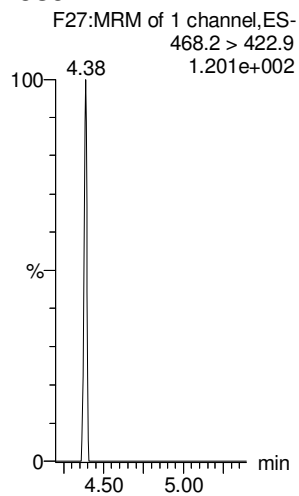
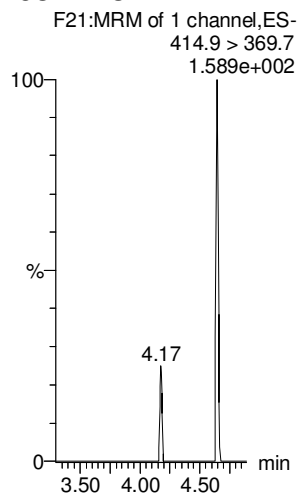
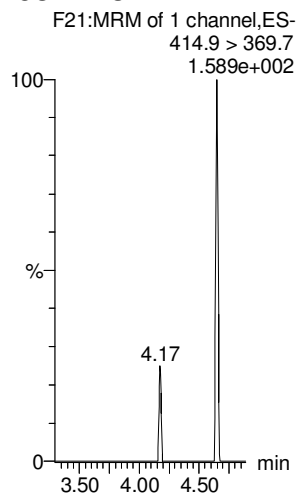
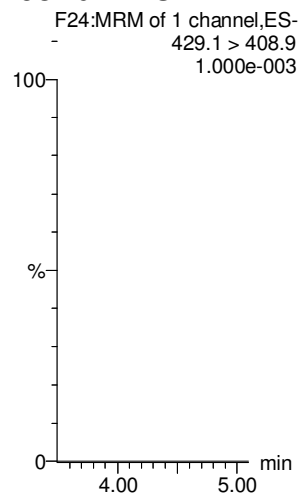
**13C2-PFOA**

**13C2-PFOA**

**13C5-PFNA**

**13C8-PFOSA**

**13C8-PFOS**



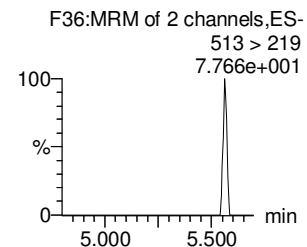
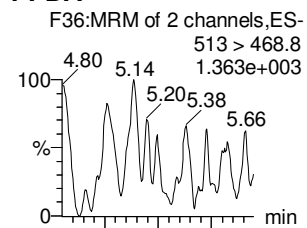
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Last Altered: Tuesday, March 13, 2018 09:55:12 Pacific Daylight Time

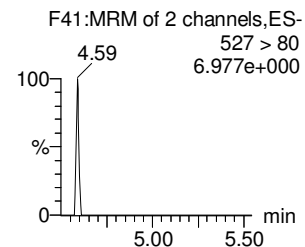
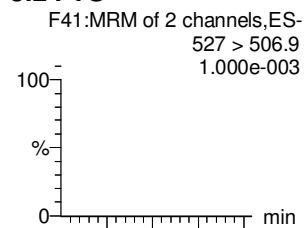
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Name: 180312M1\_12, Date: 12-Mar-2018, Time: 23:44:14, ID: IPA, Description: IPA

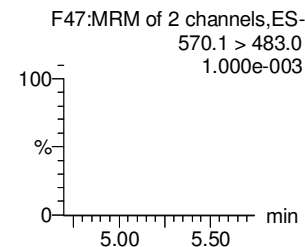
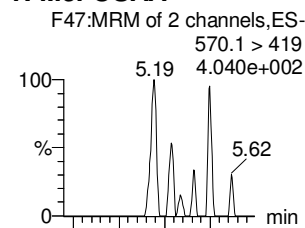
**PFDA**



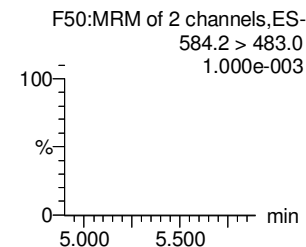
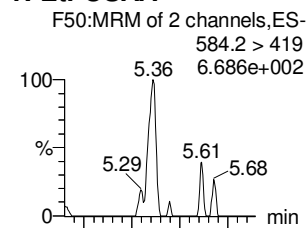
**8:2 FTS**



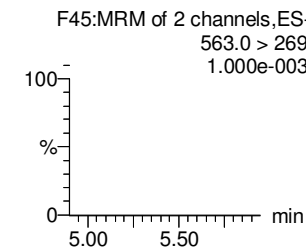
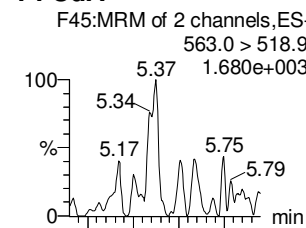
**N-MeFOSAA**



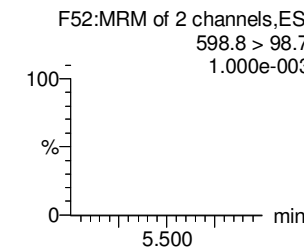
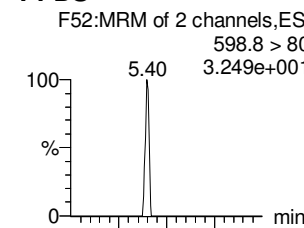
**N-EtFOSAA**



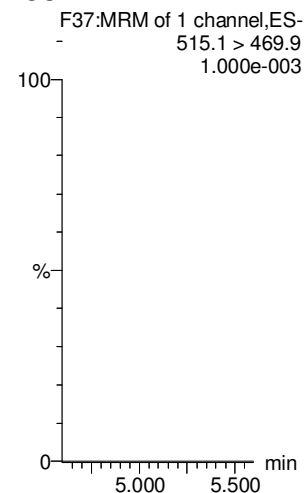
**PFUdA**



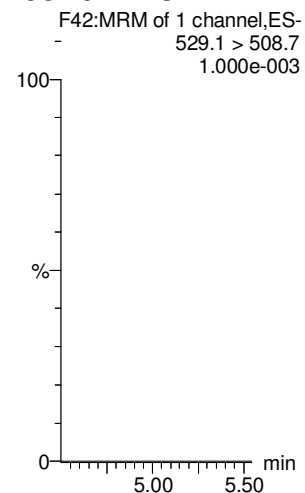
**PFDS**



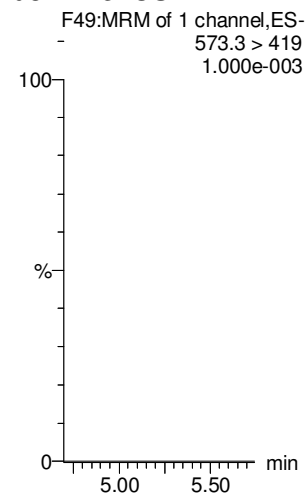
**13C2-PFDA**



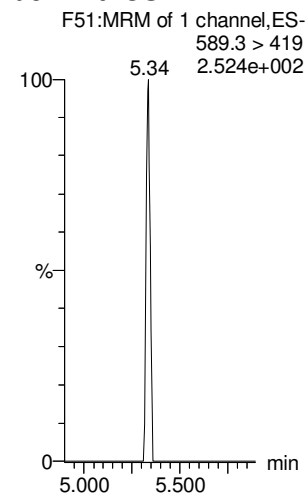
**13C2-8:2 FTS**



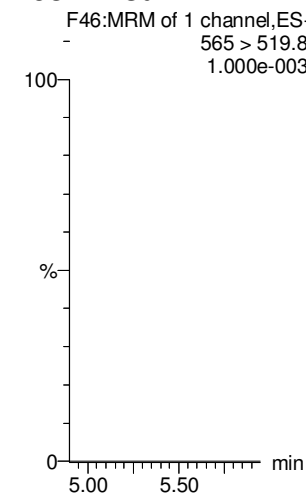
**d3-N-MeFOSAA**



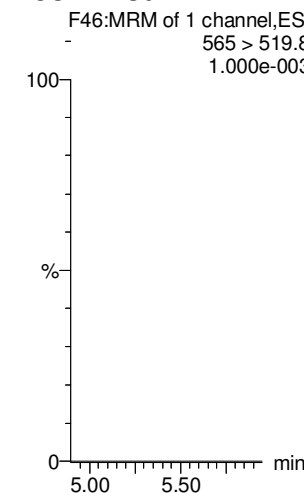
**d5-N-EtFOSAA**



**13C2-PFUdA**



**13C2-PFUdA**



Dataset: Untitled

Last Altered: Tuesday, March 13, 2018 09:55:12 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 09:55:33 Pacific Daylight Time

Name: 180312M1\_12, Date: 12-Mar-2018, Time: 23:44:14, ID: IPA, Description: IPA

**PFD<sub>o</sub>A**

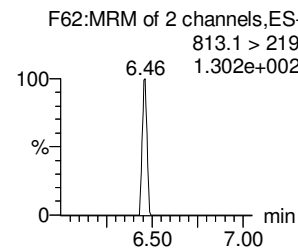
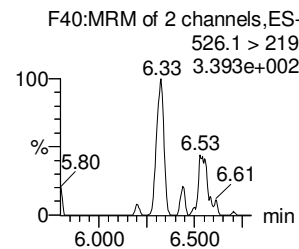
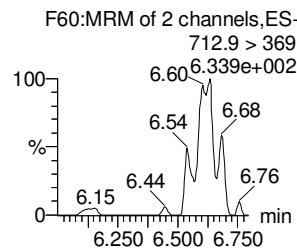
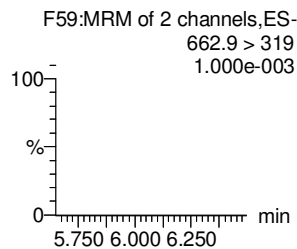
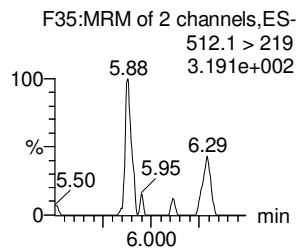
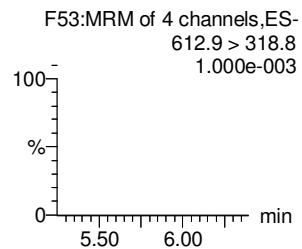
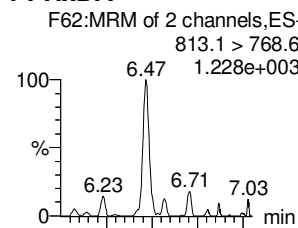
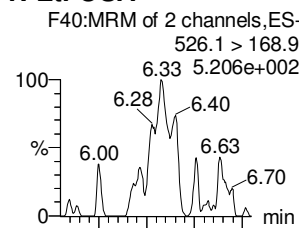
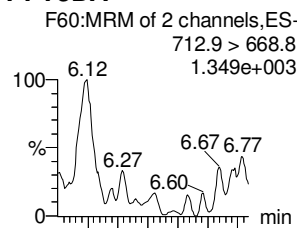
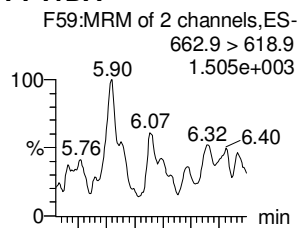
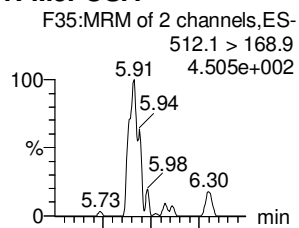
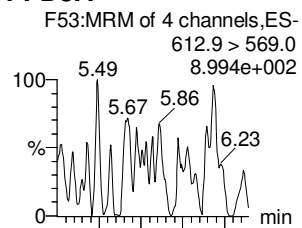
**N-MeFOSA**

**PFT<sub>r</sub>DA**

**PFT<sub>e</sub>DA**

**N-EtFOSA**

**PFH<sub>x</sub>DA**



**13C2-PFD<sub>o</sub>A**

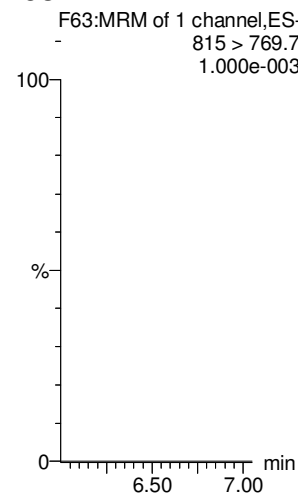
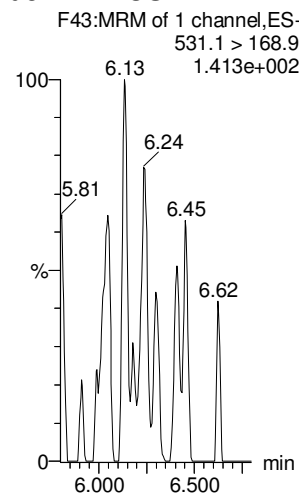
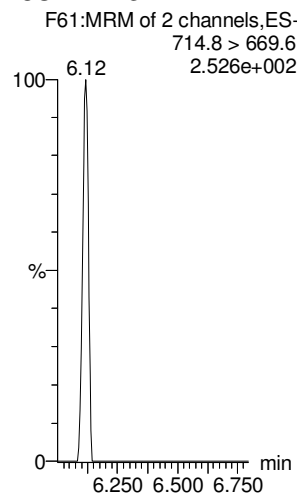
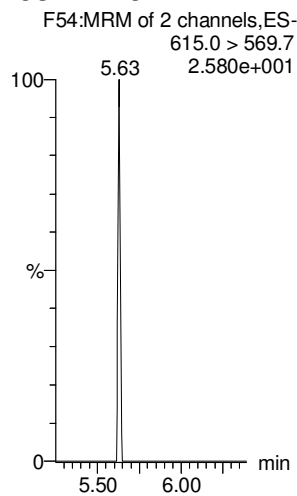
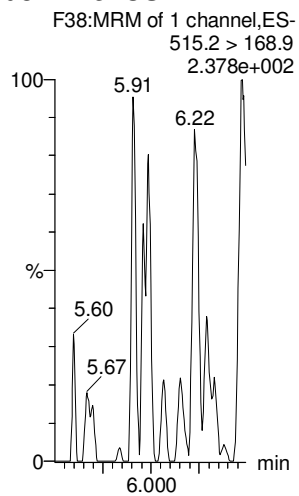
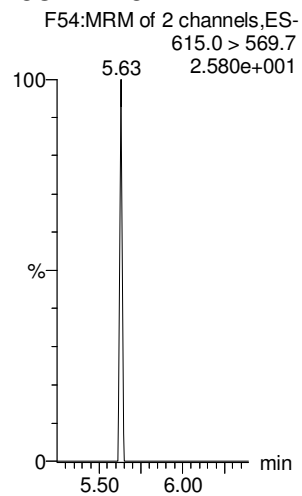
**d3-N-MeFOSA**

**13C2-PFD<sub>o</sub>A**

**13C2-PFT<sub>e</sub>DA**

**d5-N-ETFOSA**

**13C2-PFH<sub>x</sub>DA**



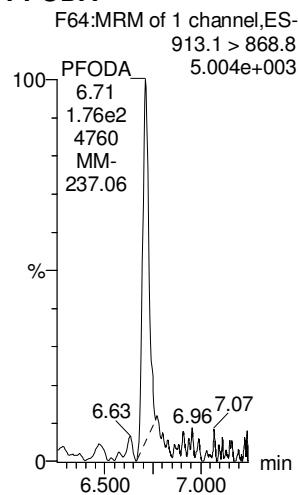
Dataset: Untitled

Last Altered: Tuesday, March 13, 2018 09:55:12 Pacific Daylight Time

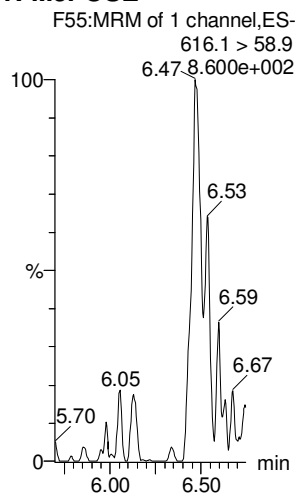
Printed: Tuesday, March 13, 2018 09:55:33 Pacific Daylight Time

Name: 180312M1\_12, Date: 12-Mar-2018, Time: 23:44:14, ID: IPA, Description: IPA

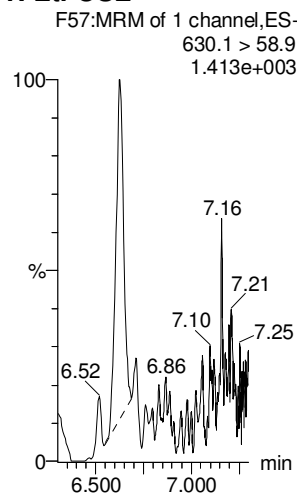
**PFODA**



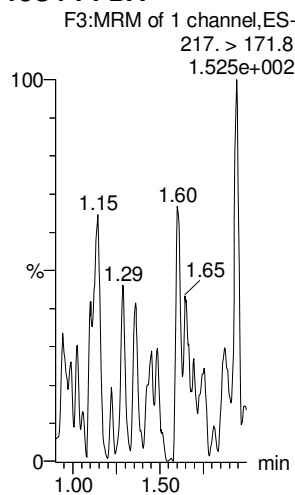
**N-MeFOSE**



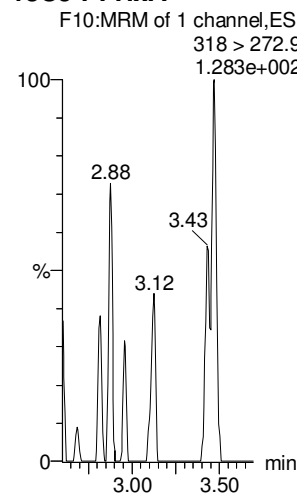
**N-EtFOSE**



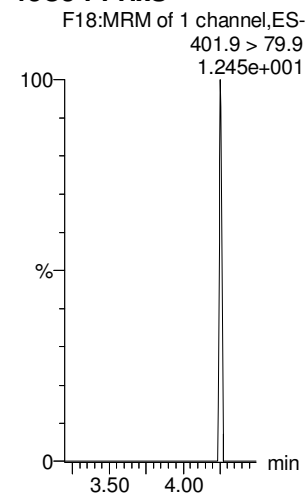
**13C4-PFBA**



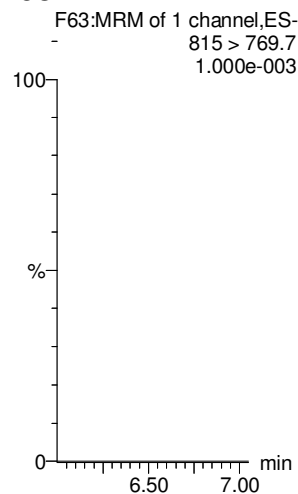
**13C5-PFHxA**



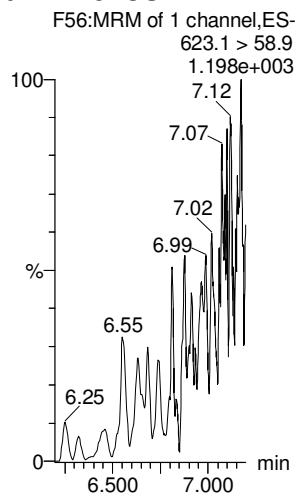
**13C3-PFHxS**



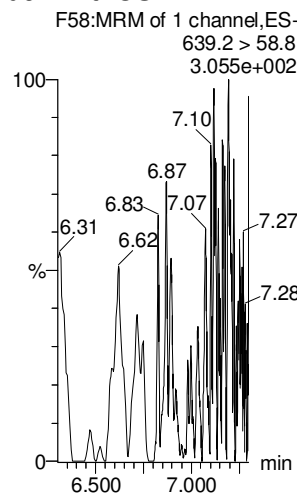
**13C2-PFHxDA**



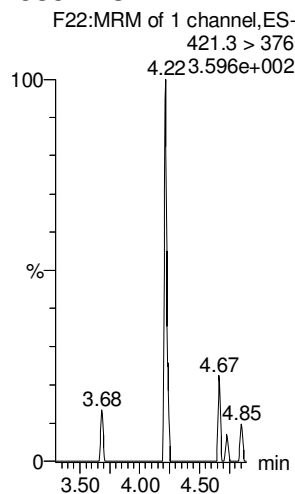
**d7-N-MeFOSE**



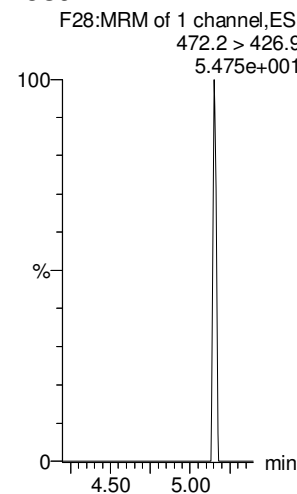
**d9-N-EtFOSE**



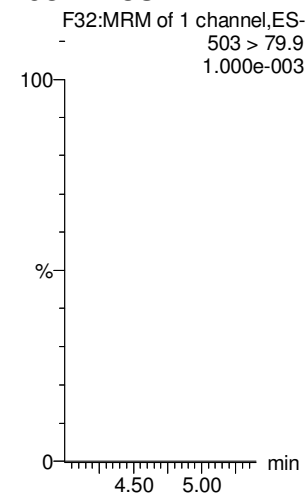
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**



Dataset: Untitled

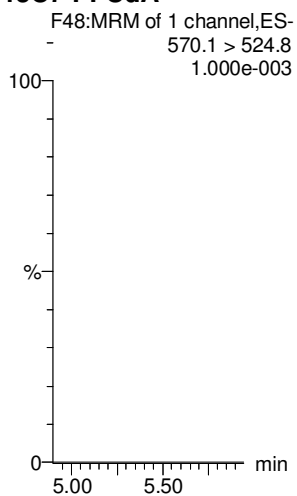
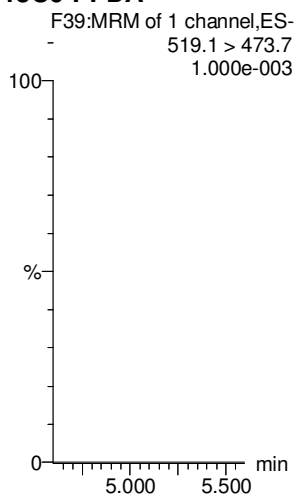
Last Altered: Tuesday, March 13, 2018 09:55:12 Pacific Daylight Time

Printed: Tuesday, March 13, 2018 09:55:33 Pacific Daylight Time

Name: 180312M1\_12, Date: 12-Mar-2018, Time: 23:44:14, ID: IPA, Description: IPA

13C6-PFDA

13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

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*high pt*  
 PPHPS = 250  
 PPOS  
 0:2 = 100  
 0:2  
 PPS  
*low pt*  
 PPS = 0.5  
 PPDA

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031418.mdb 15 Mar 2018 11:27:24  
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

**Compound name: PFBA**

Correlation coefficient:  $r = 0.999829$ ,  $r^2 = 0.999657$

Calibration curve:  $1.13435 * x + 0.00496909$

Response type: Internal Std ( Ref 34 ), Area \* ( IS Conc. / IS Area )

Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

*DM*  
 3/16/18  
*MJT*  
 3/16/18

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180315M1_2	Standard	0.250	1.73	261.872	10637.174	0.308	0.3	6.8	NO	1.000	NO	MM
2	2 180315M1_3	Standard	0.500	1.73	461.571	10236.662	0.564	0.5	-1.5	NO	1.000	NO	MM
3	3 180315M1_4	Standard	1.000	1.73	864.156	9242.907	1.169	1.0	2.6	NO	1.000	NO	MM
4	4 180315M1_5	Standard	2.000	1.66	1845.477	10287.565	2.242	2.0	-1.4	NO	1.000	NO	MM
5	5 180315M1_6	Standard	5.000	1.72	4107.279	10059.511	5.104	4.5	-10.1	NO	1.000	NO	MM
6	6 180315M1_7	Standard	10.000	1.73	9582.919	10179.866	11.767	10.4	3.7	NO	1.000	NO	MM
7	7 180315M1_8	Standard	50.000	1.73	45800.305	9956.119	57.503	50.7	1.4	NO	1.000	NO	MM
8	8 180315M1_9	Standard	100.000	1.72	89572.641	9972.208	112.278	99.0	-1.0	NO	1.000	NO	MM
9	9 180315M1_10	Standard	250.000	1.73	223794.281	9622.752	290.710	256.3	2.5	NO	1.000	NO	MM
10	10 180315M1_11	Standard	500.000	1.73	445559.250	9935.011	560.592	494.2	-1.2	NO	1.000	NO	MM

**Compound name: PFPeA**

Correlation coefficient:  $r = 0.999642$ ,  $r^2 = 0.999284$

Calibration curve:  $1.02666 * x + 0.0219285$

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 180315M1_2	Standard	0.250	2.71	305.075	14197.373	0.269	0.2	-3.9	NO	0.999	NO	bb
2	2 180315M1_3	Standard	0.500	2.70	541.728	13585.014	0.498	0.5	-7.2	NO	0.999	NO	bb
3	3 180315M1_4	Standard	1.000	2.71	1078.809	12143.538	1.110	1.1	6.0	NO	0.999	NO	bb
4	4 180315M1_5	Standard	2.000	2.70	2336.864	13873.769	2.105	2.0	1.5	NO	0.999	NO	bb
5	5 180315M1_6	Standard	5.000	2.70	4921.243	13344.222	4.610	4.5	-10.6	NO	0.999	NO	bb
6	6 180315M1_7	Standard	10.000	2.71	11691.108	13399.960	10.906	10.6	6.0	NO	0.999	NO	bb
7	7 180315M1_8	Standard	50.000	2.70	54628.758	12781.801	53.424	52.0	4.0	NO	0.999	NO	bb
8	8 180315M1_9	Standard	100.000	2.70	107832.852	12485.520	107.958	105.1	5.1	NO	0.999	NO	bb
9	9 180315M1_10	Standard	250.000	2.70	258733.703	12484.213	259.061	252.3	0.9	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-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 180315M1_11	Standard	500.000	2.70	500917.813	12435.281	503.525	490.4	-1.9	NO	0.999	NO	bb

**Compound name: PFBS**

Coefficient of Determination: R<sup>2</sup> = 0.999747

Calibration curve: -4.06127e-005 \* x<sup>2</sup> + 1.85696 \* x + -0.170509

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 180315M1_2	Standard	0.250	2.98	41.891	1614.721	0.324	0.3	6.6	NO	1.000	NO	MM
2	2 180315M1_3	Standard	0.500	2.97	120.938	1746.310	0.866	0.6	11.6	NO	1.000	NO	bb
3	3 180315M1_4	Standard	1.000	2.97	204.067	1452.982	1.756	1.0	3.7	NO	1.000	NO	bb
4	4 180315M1_5	Standard	2.000	2.97	440.222	1716.583	3.206	1.8	-9.1	NO	1.000	NO	bb
5	5 180315M1_6	Standard	5.000	2.97	1010.810	1647.920	7.667	4.2	-15.6	NO	1.000	NO	bb
6	6 180315M1_7	Standard	10.000	2.97	2508.295	1642.206	19.092	10.4	3.8	NO	1.000	NO	bb
7	7 180315M1_8	Standard	50.000	2.97	11868.264	1622.487	91.436	49.4	-1.2	NO	1.000	NO	bb
8	8 180315M1_9	Standard	100.000	2.97	23786.164	1619.668	183.573	99.2	-0.8	NO	1.000	NO	bb
9	9 180315M1_10	Standard	250.000	2.97	56832.063	1518.556	467.813	253.4	1.4	NO	1.000	NO	bb
10	10 180315M1_11	Standard	500.000	2.97	104194.453	1422.735	915.441	498.5	-0.3	NO	1.000	NO	bb

**Compound name: 4:2 FTS**

Coefficient of Determination: R<sup>2</sup> = 0.999740

Calibration curve: -0.000390084 \* x<sup>2</sup> + 2.29521 \* x + -0.0420343

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 180315M1_2	Standard	0.250	3.37	59.792	1614.721	0.463	0.2	-12.0	NO	1.000	NO	MM
2	2 180315M1_3	Standard	0.500	3.37	152.704	1746.310	1.093	0.5	-1.1	NO	1.000	NO	bb
3	3 180315M1_4	Standard	1.000	3.37	302.150	1452.982	2.599	1.2	15.1	NO	1.000	NO	bb
4	4 180315M1_5	Standard	2.000	3.37	601.372	1716.583	4.379	1.9	-3.7	NO	1.000	NO	bb
5	5 180315M1_6	Standard	5.000	3.37	1404.135	1647.920	10.651	4.7	-6.8	NO	1.000	NO	bb
6	6 180315M1_7	Standard	10.000	3.37	3320.697	1642.206	25.276	11.1	10.5	NO	1.000	NO	bb
7	7 180315M1_8	Standard	50.000	3.37	14341.660	1622.487	110.491	48.6	-2.9	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-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 180315M1_9	Standard	100.000	3.37	29465.998	1619.668	227.408	100.8	0.8	NO	1.000	NO	bb
9	9 180315M1_10	Standard	250.000	3.37	66685.992	1518.556	548.926	249.8	-0.1	NO	1.000	NO	bb
10	10 180315M1_11	Standard	500.000	3.37	119530.813	1422.735	1050.185	500.1	0.0	NO	1.000	NO	bb

**Compound name: PFHxA**

Coefficient of Determination: R<sup>2</sup> = 0.999235

Calibration curve: -0.000323253 \* x<sup>2</sup> + 1.50961 \* x + 0.0169979

Response type: Internal Std ( Ref 37 ), 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 180315M1_2	Standard	0.250	3.47	398.530	4898.385	0.407	0.3	3.3	NO	0.999	NO	bb
2	2 180315M1_3	Standard	0.500	3.46	769.718	4748.076	0.811	0.5	5.1	NO	0.999	NO	bb
3	3 180315M1_4	Standard	1.000	3.47	1337.621	4407.436	1.517	1.0	-0.6	NO	0.999	NO	bb
4	4 180315M1_5	Standard	2.000	3.46	2757.590	4482.766	3.076	2.0	1.4	NO	0.999	NO	bb
5	5 180315M1_6	Standard	5.000	3.46	6262.445	4719.201	6.635	4.4	-12.2	NO	0.999	NO	bb
6	6 180315M1_7	Standard	10.000	3.47	14733.918	4686.432	15.720	10.4	4.3	NO	0.999	NO	bb
7	7 180315M1_8	Standard	50.000	3.46	69296.070	4310.808	80.375	53.9	7.7	NO	0.999	NO	bb
8	8 180315M1_9	Standard	100.000	3.46	130530.883	4636.526	140.764	95.2	-4.8	NO	0.999	NO	bb
9	9 180315M1_10	Standard	250.000	3.46	324402.063	4523.645	358.563	251.0	0.4	NO	0.999	NO	bb
10	10 180315M1_11	Standard	500.000	3.46	599868.563	4448.989	674.163	500.1	0.0	NO	0.999	NO	bb

**Compound name: PFPeS**

Correlation coefficient: r = 0.999769, r<sup>2</sup> = 0.999539

Calibration curve: 1.71903 \* x + 0.0833397

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 180315M1_2	Standard	0.250	3.66	55.507	1614.721	0.430	0.2	-19.4	NO	1.000	NO	MM
2	2 180315M1_3	Standard	0.500	3.66	136.877	1746.310	0.980	0.5	4.3	NO	1.000	NO	bb
3	3 180315M1_4	Standard	1.000	3.66	189.660	1452.982	1.632	0.9	-9.9	NO	1.000	NO	bb
4	4 180315M1_5	Standard	2.000	3.66	508.696	1716.583	3.704	2.1	5.3	NO	1.000	NO	bb
5	5 180315M1_6	Standard	5.000	3.66	1208.198	1647.920	9.165	5.3	5.7	NO	1.000	NO	bb



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-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 180315M1_7	Standard	10.000	3.66	2623.070	1642.206	19.966	11.6	15.7	NO	1.000	NO	bb
7	7 180315M1_8	Standard	50.000	3.66	11219.984	1622.487	86.441	50.2	0.5	NO	1.000	NO	bb
8	8 180315M1_9	Standard	100.000	3.66	21652.230	1619.668	167.104	97.2	-2.8	NO	1.000	NO	bb
9	9 180315M1_10	Standard	250.000	3.66	52865.582	1518.556	435.163	253.1	1.2	NO	1.000	NO	bb
10	10 180315M1_11	Standard	500.000	3.66	97384.031	1422.735	855.606	497.7	-0.5	NO	1.000	NO	bb

Compound name: PFHpA

Correlation coefficient:  $r = 0.999318$ ,  $r^2 = 0.998636$

Calibration curve:  $1.23628 * x + 0.0554705$

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 180315M1_2	Standard	0.250	4.09	293.799	11412.401	0.322	0.2	-13.8	NO	0.999	NO	MM
2	2 180315M1_3	Standard	0.500	4.09	659.404	12605.755	0.654	0.5	-3.2	NO	0.999	NO	bb
3	3 180315M1_4	Standard	1.000	4.09	1159.092	10534.352	1.375	1.1	6.8	NO	0.999	NO	bb
4	4 180315M1_5	Standard	2.000	4.09	2415.838	11341.000	2.663	2.1	5.4	NO	0.999	NO	bb
5	5 180315M1_6	Standard	5.000	4.09	5310.113	11580.088	5.732	4.6	-8.2	NO	0.999	NO	bb
6	6 180315M1_7	Standard	10.000	4.09	12250.476	12373.299	12.376	10.0	-0.3	NO	0.999	NO	bb
7	7 180315M1_8	Standard	50.000	4.09	61351.195	10947.786	70.050	56.6	13.2	NO	0.999	NO	bb
8	8 180315M1_9	Standard	100.000	4.09	110083.961	10763.335	127.846	103.4	3.4	NO	0.999	NO	bb
9	9 180315M1_10	Standard	250.000	4.09	258161.531	10728.290	300.795	243.3	-2.7	NO	0.999	NO	bb
10	10 180315M1_11	Standard	500.000	4.08	501160.500	10193.302	614.571	497.1	-0.6	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

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**Compound name: L-PFHxS**

Correlation coefficient:  $r = 0.999120$ ,  $r^2 = 0.998241$

Calibration curve:  $1.86177 * x + 0.0122647$

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	180315M1_2	Standard	0.250	4.24	47.535	1297.956	0.458	0.2	-4.3	NO	0.998	NO	MM
2	180315M1_3	Standard	0.500	4.23	103.778	1379.977	0.940	0.5	-0.3	NO	0.998	NO	MM
3	180315M1_4	Standard	1.000	4.23	165.205	1031.079	2.003	1.1	6.9	NO	0.998	NO	MM
4	180315M1_5	Standard	2.000	4.23	344.744	1332.094	3.235	1.7	-13.5	NO	0.998	NO	MM
5	180315M1_6	Standard	5.000	4.23	944.267	1283.286	9.198	4.9	-1.3	NO	0.998	NO	MM
6	180315M1_7	Standard	10.000	4.23	1971.952	1249.310	19.730	10.6	5.9	NO	0.998	NO	MM
7	180315M1_8	Standard	50.000	4.23	9673.636	1188.915	101.707	54.6	9.2	NO	0.998	NO	MM
8	180315M1_9	Standard	100.000	4.23	17258.328	1139.626	189.298	101.7	1.7	NO	0.998	NO	MM
9	180315M1_10	Standard	250.000	4.23	42998.652	1229.230	437.252	234.9	-6.1	NO	0.998	NO	MM
10	180315M1_11	Standard	500.000	4.23	81085.648	1070.514	946.807	508.5	1.7	NO	0.998	NO	MM

**Compound name: 6:2 FTS**

Coefficient of Determination:  $R^2 = 0.997415$

Calibration curve:  $-0.0038744 * x^2 + 1.17533 * x + -0.0531096$

Response type: Internal Std ( Ref 40 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180315M1_2	Standard	0.250	4.55	63.759	3997.604	0.199	0.2	-14.0	NO	0.997	NO	bb
2	180315M1_3	Standard	0.500	4.55	169.547	3961.223	0.535	0.5	0.2	NO	0.997	NO	bb
3	180315M1_4	Standard	1.000	4.55	417.122	4004.267	1.302	1.2	15.7	NO	0.997	NO	bb
4	180315M1_5	Standard	2.000	4.55	710.422	4220.279	2.104	1.8	-7.7	NO	0.997	NO	bb
5	180315M1_6	Standard	5.000	4.55	1508.833	4014.977	4.698	4.1	-18.1	NO	0.997	NO	bb
6	180315M1_7	Standard	10.000	4.55	3553.765	3790.386	11.720	10.4	3.7	NO	0.997	NO	bb
7	180315M1_8	Standard	50.000	4.55	17829.533	4429.573	50.314	51.6	3.3	NO	0.997	NO	bb
8	180315M1_9	Standard	100.000	4.55	30960.561	4954.976	78.105	98.4	-1.6	NO	0.997	NO	bb
9	180315M1_10	Standard	250.000	4.55	78593.094	6670.838	147.270			NO	0.997	NO	bbXI
10	180315M1_11	Standard	500.000	4.55	133246.234	9711.030	171.514			NO	0.997	NO	bbXI

Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

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**Compound name: L-PFOA**

Coefficient of Determination: R<sup>2</sup> = 0.998799

Calibration curve: -6.64326e-006 \* x<sup>2</sup> + 0.97868 \* x + 0.0282129

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 180315M1_2	Standard	0.250	4.61	341.638	16163.360	0.264	0.2	-3.5	NO	0.999	NO	MM
2	2 180315M1_3	Standard	0.500	4.60	744.191	14885.491	0.625	0.6	21.9	NO	0.999	NO	MM
3	3 180315M1_4	Standard	1.000	4.60	1036.753	15681.163	0.826	0.8	-18.4	NO	0.999	NO	bb
4	4 180315M1_5	Standard	2.000	4.60	2524.925	15871.698	1.989	2.0	0.2	NO	0.999	NO	bb
5	5 180315M1_6	Standard	5.000	4.60	5620.827	15225.166	4.615	4.7	-6.3	NO	0.999	NO	bb
6	6 180315M1_7	Standard	10.000	4.60	13298.997	16942.223	9.812	10.0	-0.0	NO	0.999	NO	bb
7	7 180315M1_8	Standard	50.000	4.60	64453.137	14714.820	54.752	55.9	11.9	NO	0.999	NO	bb
8	8 180315M1_9	Standard	100.000	4.60	115660.156	15625.057	92.528	94.6	-5.4	NO	0.999	NO	bb
9	9 180315M1_10	Standard	250.000	4.60	266773.375	13718.174	243.084	248.8	-0.5	NO	0.999	NO	bb
10	10 180315M1_11	Standard	500.000	4.60	548584.250	14029.131	488.790	501.1	0.2	NO	0.999	NO	bb

**Compound name: PFHpS**

Coefficient of Determination: R<sup>2</sup> = 0.997289

Calibration curve: 0.000117595 \* x<sup>2</sup> + 0.210936 \* x + -0.00291339

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 180315M1_2	Standard	0.250	4.71	71.153	16163.360	0.055	0.3	9.9	NO	0.997	NO	bb
2	2 180315M1_3	Standard	0.500	4.71	127.962	14885.491	0.107	0.5	4.6	NO	0.997	NO	bb
3	3 180315M1_4	Standard	1.000	4.71	229.346	15681.163	0.183	0.9	-12.0	NO	0.997	NO	bb
4	4 180315M1_5	Standard	2.000	4.71	517.472	15871.698	0.408	1.9	-2.8	NO	0.997	NO	bb
5	5 180315M1_6	Standard	5.000	4.71	1185.359	15225.166	0.973	4.6	-7.7	NO	0.997	NO	bb
6	6 180315M1_7	Standard	10.000	4.71	2957.186	16942.223	2.182	10.3	3.0	NO	0.997	NO	bb
7	7 180315M1_8	Standard	50.000	4.71	14234.082	14714.820	12.092	55.6	11.2	NO	0.997	NO	bb
8	8 180315M1_9	Standard	100.000	4.71	25839.137	15625.057	20.671	93.2	-6.8	NO	0.997	NO	bb
9	9 180315M1_10	Standard	250.000	4.71	66360.211	13718.174	60.467	251.4	0.6	NO	0.997	NO	bb
10	10 180315M1_11	Standard	500.000	4.70	117201.844	14029.131	104.427	404.1	-19.2	NO	0.997	NO	bbX

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**Compound name: PFNA**

Coefficient of Determination:  $R^2 = 0.998954$

Calibration curve:  $-6.05658e-005 * x^2 + 1.14817 * x + 0.0122231$

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 180315M1_2	Standard	0.250	5.03	476.807	17286.031	0.345	0.3	15.9	NO	0.999	NO	bb
2	2 180315M1_3	Standard	0.500	5.03	959.481	18111.598	0.662	0.6	13.2	NO	0.999	NO	bb
3	3 180315M1_4	Standard	1.000	5.03	1592.723	16357.852	1.217	1.0	4.9	NO	0.999	NO	bb
4	4 180315M1_5	Standard	2.000	5.03	3430.557	17634.631	2.432	2.1	5.4	NO	0.999	NO	bb
5	5 180315M1_6	Standard	5.000	5.03	6584.501	17595.814	4.678	4.1	-18.7	NO	0.999	NO	bb
6	6 180315M1_7	Standard	10.000	5.03	13502.415	18345.322	9.200	8.0	-19.9	NO	0.999	NO	bb
7	7 180315M1_8	Standard	50.000	5.03	69041.047	15683.376	55.027	48.0	-3.9	NO	0.999	NO	bb
8	8 180315M1_9	Standard	100.000	5.03	136520.438	14795.807	115.337	101.0	1.0	NO	0.999	NO	bb
9	9 180315M1_10	Standard	250.000	5.03	355521.656	15243.605	291.533	257.4	3.0	NO	0.999	NO	bb
10	10 180315M1_11	Standard	500.000	5.03	700095.250	15771.242	554.883	496.3	-0.7	NO	0.999	NO	bb

**Compound name: PFOSA**

Correlation coefficient:  $r = 0.999671$ ,  $r^2 = 0.999341$

Calibration curve:  $1.02136 * x + -0.0143673$

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 180315M1_2	Standard	0.250	5.09	86.100	4123.942	0.261	0.3	7.8	NO	0.999	NO	bb
2	2 180315M1_3	Standard	0.500	5.09	171.802	4186.257	0.513	0.5	3.3	NO	0.999	NO	bb
3	3 180315M1_4	Standard	1.000	5.09	282.239	3511.453	1.005	1.0	-0.2	NO	0.999	NO	bb
4	4 180315M1_5	Standard	2.000	5.09	573.141	3670.117	1.952	1.9	-3.7	NO	0.999	NO	bb
5	5 180315M1_6	Standard	5.000	5.09	1362.431	3929.096	4.334	4.3	-14.8	NO	0.999	NO	bb
6	6 180315M1_7	Standard	10.000	5.09	3444.183	4072.803	10.571	10.4	3.6	NO	0.999	NO	bb
7	7 180315M1_8	Standard	50.000	5.09	15754.509	3666.156	53.716	52.6	5.2	NO	0.999	NO	bb
8	8 180315M1_9	Standard	100.000	5.09	29032.432	3648.040	99.480	97.4	-2.6	NO	0.999	NO	bb
9	9 180315M1_10	Standard	250.000	5.09	71649.758	3415.036	262.258	256.8	2.7	NO	0.999	NO	bb
10	10 180315M1_11	Standard	500.000	5.09	127259.852	3155.367	504.140	493.6	-1.3	NO	0.999	NO	bb

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**Compound name: L-PFOS**

Coefficient of Determination:  $R^2 = 0.999312$

Calibration curve:  $0.000806799 * x^2 + 0.992229 * x + -0.0666355$

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 180315M1_2	Standard	0.250	5.11	114.655	3955.339	0.362	0.4	72.9	YES	0.999	NO	MMX
2	2 180315M1_3	Standard	0.500	5.12	110.231	3837.279	0.359	0.4	-14.2	NO	0.999	NO	MM
3	3 180315M1_4	Standard	1.000	5.11	269.431	3552.132	0.948	1.0	2.2	NO	0.999	NO	MM
4	4 180315M1_5	Standard	2.000	5.11	519.802	3473.148	1.871	1.9	-2.5	NO	0.999	NO	MM
5	5 180315M1_6	Standard	5.000	5.11	1406.882	3287.897	5.349	5.4	8.7	NO	0.999	NO	MM
6	6 180315M1_7	Standard	10.000	5.11	3254.620	3890.636	10.457	10.5	5.2	NO	0.999	NO	MM
7	7 180315M1_8	Standard	50.000	5.11	14347.894	3337.129	53.743	52.0	4.1	NO	0.999	NO	MM
8	8 180315M1_9	Standard	100.000	5.11	28234.789	3428.595	102.939	96.3	-3.7	NO	0.999	NO	MM
9	9 180315M1_10	Standard	250.000	5.11	71267.867	2972.819	299.665	250.9	0.4	NO	0.999	NO	MM
10	10 180315M1_11	Standard	500.000	5.11	129425.047	3025.656	534.698	405.4	-18.9	NO	0.999	NO	MMX

**Compound name: PFDA**

Coefficient of Determination:  $R^2 = 0.998147$

Calibration curve:  $-3.44313e-005 * x^2 + 1.18527 * x + 0.0718944$

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 180315M1_2	Standard	0.250	5.40	424.626	17608.984	0.301	0.2	-22.5	NO	0.998	NO	MMX
2	2 180315M1_3	Standard	0.500	5.40	944.176	14541.352	0.812	0.6	24.8	NO	0.998	NO	bb
3	3 180315M1_4	Standard	1.000	5.40	1415.520	15789.702	1.121	0.9	-11.5	NO	0.998	NO	bb
4	4 180315M1_5	Standard	2.000	5.40	3168.073	17637.537	2.245	1.8	-8.3	NO	0.998	NO	bb
5	5 180315M1_6	Standard	5.000	5.40	6607.972	15816.229	5.222	4.3	-13.1	NO	0.998	NO	bb
6	6 180315M1_7	Standard	10.000	5.40	17932.236	17430.396	12.860	10.8	7.9	NO	0.998	NO	bb
7	7 180315M1_8	Standard	50.000	5.40	75104.859	14890.774	63.046	53.2	6.4	NO	0.998	NO	bb
8	8 180315M1_9	Standard	100.000	5.40	135922.563	15844.327	107.233	90.6	-9.4	NO	0.998	NO	bb
9	9 180315M1_10	Standard	250.000	5.40	372197.375	15248.778	305.104	259.3	3.7	NO	0.998	NO	bb
10	10 180315M1_11	Standard	500.000	5.40	621712.125	13387.845	580.482	496.9	-0.6	NO	0.998	NO	bb

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**Compound name: 8:2 FTS**

Coefficient of Determination:  $R^2 = 0.995390$

Calibration curve:  $-0.00608572 * x^2 + 1.91071 * x + 0.0197452$

Response type: Internal Std ( Ref 46 ), 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 180315M1_2	Standard	0.250	5.37	107.977	2769.275	0.487	0.2	-2.0	NO	0.995	NO	bb
2	2 180315M1_3	Standard	0.500	5.37	215.113	2752.152	0.977	0.5	0.4	NO	0.995	NO	bb
3	3 180315M1_4	Standard	1.000	5.38	364.749	2356.840	1.935	1.0	0.5	NO	0.995	NO	bb
4	4 180315M1_5	Standard	2.000	5.37	916.252	2352.200	4.869	2.6	27.9	NO	0.995	NO	bb
5	5 180315M1_6	Standard	5.000	5.38	1540.641	2569.981	7.493	4.0	-20.8	NO	0.995	NO	bb
6	6 180315M1_7	Standard	10.000	5.37	3357.535	2381.954	17.620	9.5	-5.0	NO	0.995	NO	bb
7	7 180315M1_8	Standard	50.000	5.38	16706.422	2499.442	83.551	52.5	5.0	NO	0.995	NO	bb
8	8 180315M1_9	Standard	100.000	5.38	34410.402	3339.687	128.794	98.0	-2.0	NO	0.995	NO	bb
9	9 180315M1_10	Standard	250.000	5.37	76748.797	4880.445	196.572			NO	0.995	NO	bbXI
10	10 180315M1_11	Standard	500.000	5.37	134827.328	6266.536	268.943			NO	0.995	YES	bbXI

**Compound name: PFNS**

Coefficient of Determination:  $R^2 = 0.999615$

Calibration curve:  $-0.000226962 * x^2 + 0.892764 * x + -0.0424765$

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 180315M1_2	Standard	0.250	5.46	59.090	3955.339	0.187	0.3	2.7	NO	1.000	NO	MM
2	2 180315M1_3	Standard	0.500	5.46	104.874	3837.279	0.342	0.4	-13.9	NO	1.000	NO	MM
3	3 180315M1_4	Standard	1.000	5.46	263.842	3552.132	0.928	1.1	8.8	NO	1.000	NO	MM
4	4 180315M1_5	Standard	2.000	5.46	562.351	3473.148	2.024	2.3	15.8	NO	1.000	NO	MM
5	5 180315M1_6	Standard	5.000	5.46	1055.613	3287.897	4.013	4.5	-9.0	NO	1.000	NO	MM
6	6 180315M1_7	Standard	10.000	5.46	2661.974	3890.636	8.553	9.7	-3.5	NO	1.000	NO	bb
7	7 180315M1_8	Standard	50.000	5.46	11774.734	3337.129	44.105	50.1	0.2	NO	1.000	NO	bb
8	8 180315M1_9	Standard	100.000	5.46	23221.391	3428.595	84.661	97.3	-2.7	NO	1.000	NO	MM
9	9 180315M1_10	Standard	250.000	5.45	50730.496	2972.819	213.310	255.6	2.2	NO	1.000	NO	MM
10	10 180315M1_11	Standard	500.000	5.46	93889.219	3025.656	387.888	497.4	-0.5	NO	1.000	NO	MM

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**Compound name: N-MeFOSAA**

Coefficient of Determination: R<sup>2</sup> = 0.998179

Calibration curve: -0.00051631 \* x<sup>2</sup> + 1.48683 \* x + -0.0971552

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	180315M1_2	Standard	0.250	5.55	151.038	7641.137	0.247	0.2	-7.4	NO	0.998	NO	bb
2	180315M1_3	Standard	0.500	5.55	454.179	8170.579	0.695	0.5	6.6	NO	0.998	NO	bb
3	180315M1_4	Standard	1.000	5.55	830.227	7223.044	1.437	1.0	3.2	NO	0.998	NO	bb
4	180315M1_5	Standard	2.000	5.55	1747.873	8040.815	2.717	1.9	-5.3	NO	0.998	NO	bb
5	180315M1_6	Standard	5.000	5.55	3704.626	7803.960	5.934	4.1	-18.8	NO	0.998	NO	bb
6	180315M1_7	Standard	10.000	5.55	8980.864	7432.465	15.104	10.3	2.6	NO	0.998	NO	bb
7	180315M1_8	Standard	50.000	5.55	37561.906	7284.738	64.453	44.1	-11.8	NO	0.998	NO	bb
8	180315M1_9	Standard	100.000	5.55	79817.258	6854.817	145.550	101.5	1.5	NO	0.998	NO	bb
9	180315M1_10	Standard	250.000	5.55	187058.781	6616.114	353.415	261.5	4.6	NO	0.998	NO	bb
10	180315M1_11	Standard	500.000	5.55	331058.500	6810.370	607.637	493.2	-1.4	NO	0.998	NO	bb

**Compound name: N-EtFOSAA**

Coefficient of Determination: R<sup>2</sup> = 0.999085

Calibration curve: -0.000286972 \* x<sup>2</sup> + 1.10604 \* x + -0.0490702

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	180315M1_2	Standard	0.250	5.70	173.501	8504.472	0.255	0.3	10.0	NO	0.999	NO	bb
2	180315M1_3	Standard	0.500	5.70	364.913	8734.859	0.522	0.5	3.3	NO	0.999	NO	bb
3	180315M1_4	Standard	1.000	5.70	616.259	8456.588	0.911	0.9	-13.2	NO	0.999	NO	bb
4	180315M1_5	Standard	2.000	5.70	1561.617	8607.767	2.268	2.1	4.8	NO	0.999	NO	bb
5	180315M1_6	Standard	5.000	5.70	3096.449	8891.843	4.353	4.0	-20.3	NO	0.999	NO	bb
6	180315M1_7	Standard	10.000	5.70	7446.329	8508.604	10.939	10.0	-0.4	NO	0.999	NO	bb
7	180315M1_8	Standard	50.000	5.70	33101.883	8144.278	50.805	46.5	-6.9	NO	0.999	NO	bb
8	180315M1_9	Standard	100.000	5.70	67640.531	7491.426	112.863	104.9	4.9	NO	0.999	NO	bb
9	180315M1_10	Standard	250.000	5.70	147100.688	7092.687	259.247	250.8	0.3	NO	0.999	NO	bb
10	180315M1_11	Standard	500.000	5.70	252980.234	6585.060	480.216	498.8	-0.2	NO	0.999	NO	bb

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**Compound name: PFUdA**

Coefficient of Determination:  $R^2 = 0.998365$

Calibration curve:  $-0.000224779 * x^2 + 1.12547 * x + -0.0654128$

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 180315M1_2	Standard	0.250	5.72	424.324	17393.736	0.305	0.3	31.6	YES	0.998	NO	bb
2	2 180315M1_3	Standard	0.500	5.72	813.315	15194.970	0.669	0.7	30.5	YES	0.998	NO	bb
3	3 180315M1_4	Standard	1.000	5.72	1131.915	15531.228	0.911	0.9	-13.2	NO	0.998	NO	bb
4	4 180315M1_5	Standard	2.000	5.71	3174.883	19171.383	2.070	1.9	-5.1	NO	0.998	NO	bb
5	5 180315M1_6	Standard	5.000	5.72	6154.010	18954.592	4.058	3.7	-26.7	NO	0.998	NO	bb
6	6 180315M1_7	Standard	10.000	5.71	14663.016	19390.330	9.453	8.5	-15.3	NO	0.998	NO	bb
7	7 180315M1_8	Standard	50.000	5.72	73560.328	17422.398	52.777	47.4	-5.2	NO	0.998	NO	bb
8	8 180315M1_9	Standard	100.000	5.72	144641.578	16409.742	110.180	100.0	-0.0	NO	0.998	NO	bb
9	9 180315M1_10	Standard	250.000	5.71	325223.531	14579.660	278.833	261.5	4.6	NO	0.998	NO	bb
10	10 180315M1_11	Standard	500.000	5.71	594961.500	14843.424	501.031	494.0	-1.2	NO	0.998	NO	bb

**Compound name: PFDS**

Coefficient of Determination:  $R^2 = 0.998918$

Calibration curve:  $0.000313491 * x^2 + 0.199816 * x + 0.0152315$

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 180315M1_2	Standard	0.250	5.76	95.658	17393.736	0.069	0.3	7.1	NO	0.999	NO	bb
2	2 180315M1_3	Standard	0.500	5.76	156.254	15194.970	0.129	0.6	13.3	NO	0.999	NO	bb
3	3 180315M1_4	Standard	1.000	5.76	261.255	15531.228	0.210	1.0	-2.5	NO	0.999	NO	bb
4	4 180315M1_5	Standard	2.000	5.76	599.872	19171.383	0.391	1.9	-6.2	NO	0.999	NO	bb
5	5 180315M1_6	Standard	5.000	5.76	1281.034	18954.592	0.845	4.1	-17.5	NO	0.999	NO	bb
6	6 180315M1_7	Standard	10.000	5.76	3316.785	19390.330	2.138	10.5	4.5	NO	0.999	NO	bb
7	7 180315M1_8	Standard	50.000	5.76	15309.479	17422.398	10.984	50.8	1.7	NO	0.999	NO	bb
8	8 180315M1_9	Standard	100.000	5.76	30239.361	16409.742	23.035	99.6	-0.4	NO	0.999	NO	bb
9	9 180315M1_10	Standard	250.000	5.76	62866.137	14579.660	53.899	204.2	-18.3	NO	0.999	NO	bbX
10	10 180315M1_11	Standard	500.000	5.76	119092.891	14843.424	100.291	330.5	-33.9	YES	0.999	NO	bbX



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**Compound name: PFD<sub>o</sub>A**

Coefficient of Determination: R<sup>2</sup> = 0.999618

Calibration curve: 0.000401717 \* x<sup>2</sup> + 1.53405 \* x + 0.209081

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 180315M1_2	Standard	0.250	6.00	550.623	13098.163	0.525	0.2	-17.5	NO	1.000	NO	MM
2	2 180315M1_3	Standard	0.500	6.00	1116.754	15219.173	0.917	0.5	-7.7	NO	1.000	NO	MM
3	3 180315M1_4	Standard	1.000	6.00	1896.792	12557.271	1.888	1.1	9.4	NO	1.000	NO	MM
4	4 180315M1_5	Standard	2.000	5.99	3953.418	14784.097	3.343	2.0	2.1	NO	1.000	NO	MM
5	5 180315M1_6	Standard	5.000	6.00	9505.756	14554.285	8.164	5.2	3.6	NO	1.000	NO	bb
6	6 180315M1_7	Standard	10.000	5.99	19961.131	14990.552	16.645	10.7	6.8	NO	1.000	NO	bb
7	7 180315M1_8	Standard	50.000	6.00	100174.313	15114.355	82.847	53.1	6.3	NO	1.000	NO	bb
8	8 180315M1_9	Standard	100.000	5.99	178756.109	14423.832	154.914	98.3	-1.7	NO	1.000	NO	bb
9	9 180315M1_10	Standard	250.000	5.99	399308.469	12430.919	401.528	245.8	-1.7	NO	1.000	NO	bb
10	10 180315M1_11	Standard	500.000	5.99	826922.625	11862.764	871.343	501.9	0.4	NO	1.000	NO	bb

**Compound name: N-MeFOSA**

Correlation coefficient: r = 0.996032, r<sup>2</sup> = 0.992079

Calibration curve: 0.889615 \* x + 0.484402

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 180315M1_2	Standard	1.250	6.07	224.098	22387.975	1.501	1.1	-8.5	NO	0.992	NO	bb
2	2 180315M1_3	Standard	2.500	6.07	380.978	22667.992	2.521	2.3	-8.4	NO	0.992	NO	bb
3	3 180315M1_4	Standard	5.000	6.07	715.565	19969.832	5.375	5.5	9.9	NO	0.992	NO	bb
4	4 180315M1_5	Standard	10.000	6.07	1499.656	22192.693	10.136	10.8	8.5	NO	0.992	NO	bb
5	5 180315M1_6	Standard	25.000	6.07	3335.325	22287.188	22.448	24.7	-1.2	NO	0.992	NO	bb
6	6 180315M1_7	Standard	50.000	6.07	7851.714	22415.230	52.543	58.5	17.0	NO	0.992	NO	bb
7	7 180315M1_8	Standard	250.000	6.07	36871.559	21354.984	258.990	290.6	16.2	NO	0.992	NO	bb
8	8 180315M1_9	Standard	500.000	6.07	69786.883	21307.834	491.276	551.7	10.3	NO	0.992	NO	bb
9	9 180315M1_10	Standard	1250.000	6.07	161898.797	20292.633	1196.731	1344.7	7.6	NO	0.992	NO	bb
10	10 180315M1_11	Standard	2500.000	6.07	297742.719	21786.137	2049.992	2303.8	-7.8	NO	0.992	NO	bb

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**Compound name: PFTrDA**

Coefficient of Determination: R<sup>2</sup> = 0.998497

Calibration curve: 5.02644e-005 \* x<sup>2</sup> + 1.58753 \* x + 0.0929056

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 180315M1_2	Standard	0.250	6.24	502.069	13098.163	0.479	0.2	-2.7	NO	0.998	NO	MM
2	2 180315M1_3	Standard	0.500	6.24	1205.042	15219.173	0.990	0.6	13.0	NO	0.998	NO	bb
3	3 180315M1_4	Standard	1.000	6.24	1852.108	12557.271	1.844	1.1	10.3	NO	0.998	NO	bb
4	4 180315M1_5	Standard	2.000	6.24	3732.449	14784.097	3.156	1.9	-3.5	NO	0.998	NO	bb
5	5 180315M1_6	Standard	5.000	6.24	8133.269	14554.285	6.985	4.3	-13.2	NO	0.998	NO	bb
6	6 180315M1_7	Standard	10.000	6.23	19693.727	14990.552	16.422	10.3	2.8	NO	0.998	NO	bb
7	7 180315M1_8	Standard	50.000	6.24	90202.031	15114.355	74.600	46.9	-6.3	NO	0.998	NO	bb
8	8 180315M1_9	Standard	100.000	6.24	175011.156	14423.832	151.668	95.2	-4.8	NO	0.998	NO	bb
9	9 180315M1_10	Standard	250.000	6.23	419967.750	12430.919	422.302	263.8	5.5	NO	0.998	NO	bb
10	10 180315M1_11	Standard	500.000	6.24	756717.688	11862.764	797.367	494.5	-1.1	NO	0.998	NO	bb

**Compound name: PFTeDA**

Coefficient of Determination: R<sup>2</sup> = 0.995373

Calibration curve: -0.00130941 \* x<sup>2</sup> + 2.49421 \* x + -0.0487896

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 180315M1_2	Standard	0.250	6.44	417.035	9231.238	0.565	0.2	-1.6	NO	0.995	NO	bb
2	2 180315M1_3	Standard	0.500	6.44	851.166	8305.675	1.281	0.5	6.7	NO	0.995	NO	bb
3	3 180315M1_4	Standard	1.000	6.44	1555.527	7224.313	2.691	1.1	9.9	NO	0.995	NO	bb
4	4 180315M1_5	Standard	2.000	6.44	3029.546	7910.817	4.787	1.9	-3.0	NO	0.995	NO	bb
5	5 180315M1_6	Standard	5.000	6.44	7297.631	8301.636	10.988	4.4	-11.3	NO	0.995	NO	bb
6	6 180315M1_7	Standard	10.000	6.43	16167.050	8474.161	23.848	9.6	-3.7	NO	0.995	NO	bb
7	7 180315M1_8	Standard	50.000	6.44	73579.477	8022.760	114.642	47.1	-5.7	NO	0.995	NO	bb
8	8 180315M1_9	Standard	100.000	6.44	133375.688	6201.096	268.855	114.7	14.7	NO	0.995	NO	bb
9	9 180315M1_10	Standard	250.000	6.44	313794.719	7753.232	505.910	230.8	-7.7	NO	0.995	NO	bb
10	10 180315M1_11	Standard	500.000	6.43	579427.250	7773.155	931.776	510.3	2.1	NO	0.995	NO	bb

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**Compound name: N-EtFOSA**

Coefficient of Determination:  $R^2 = 0.999740$

Calibration curve:  $-1.49288e-005 * x^2 + 0.893704 * x + 0.163911$

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 180315M1_2	Standard	1.250	6.44	243.024	32406.793	1.125	1.1	-14.0	NO	1.000	NO	bb
2	2 180315M1_3	Standard	2.500	6.44	574.121	32689.701	2.634	2.8	10.6	NO	1.000	NO	bb
3	3 180315M1_4	Standard	5.000	6.44	893.008	29717.260	4.508	4.9	-2.8	NO	1.000	NO	bb
4	4 180315M1_5	Standard	10.000	6.44	2084.831	31729.750	9.856	10.8	8.5	NO	1.000	NO	bb
5	5 180315M1_6	Standard	25.000	6.44	4423.147	31884.801	20.808	23.1	-7.6	NO	1.000	NO	bb
6	6 180315M1_7	Standard	50.000	6.44	9950.394	32609.957	45.770	51.1	2.1	NO	1.000	NO	bb
7	7 180315M1_8	Standard	250.000	6.44	47545.082	30600.619	233.059	261.7	4.7	NO	1.000	NO	bb
8	8 180315M1_9	Standard	500.000	6.44	87655.008	29797.750	441.250	497.7	-0.5	NO	1.000	NO	bb
9	9 180315M1_10	Standard	1250.000	6.44	192570.969	26782.033	1078.546	1232.0	-1.4	NO	1.000	NO	bb
10	10 180315M1_11	Standard	2500.000	6.44	338655.375	23646.998	2148.193	2508.6	0.3	NO	1.000	NO	MM

**Compound name: PFHxDA**

Coefficient of Determination:  $R^2 = 0.999217$

Calibration curve:  $-0.000214215 * x^2 + 0.464667 * x + 0.0664171$

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 180315M1_2	Standard	0.250	6.74	242.844	6740.601	0.180	0.2	-2.1	NO	0.999	NO	bb
2	2 180315M1_3	Standard	0.500	6.74	453.741	7625.719	0.298	0.5	-0.5	NO	0.999	NO	bb
3	3 180315M1_4	Standard	1.000	6.74	627.568	6325.561	0.496	0.9	-7.5	NO	0.999	NO	bb
4	4 180315M1_5	Standard	2.000	6.74	1436.142	6605.852	1.087	2.2	9.9	NO	0.999	NO	bb
5	5 180315M1_6	Standard	5.000	6.74	2973.635	6753.148	2.202	4.6	-7.9	NO	0.999	NO	bb
6	6 180315M1_7	Standard	10.000	6.73	6501.122	6598.021	4.927	10.5	5.1	NO	0.999	NO	bb
7	7 180315M1_8	Standard	50.000	6.74	31486.814	6779.603	23.222	51.0	2.1	NO	0.999	NO	bb
8	8 180315M1_9	Standard	100.000	6.73	64978.566	7055.319	46.049	103.9	3.9	NO	0.999	NO	bb
9	9 180315M1_10	Standard	250.000	6.73	133565.781	6734.695	99.162	239.8	-4.1	NO	0.999	NO	bb
10	10 180315M1_11	Standard	500.000	6.73	257481.594	7140.101	180.307	505.9	1.2	NO	0.999	NO	bb

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**Compound name: PFOA**

Coefficient of Determination: R<sup>2</sup> = 0.999790

Calibration curve: -0.000483474 \* x<sup>2</sup> + 1.11219 \* x + 0.0533636

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 180315M1_2	Standard	0.250	6.96	480.219	6740.601	0.356	0.3	8.9	NO	1.000	NO	bb
2	2 180315M1_3	Standard	0.500	6.95	1012.961	7625.719	0.664	0.5	9.9	NO	1.000	NO	bb
3	3 180315M1_4	Standard	1.000	6.95	1387.084	6325.561	1.096	0.9	-6.2	NO	1.000	NO	bb
4	4 180315M1_5	Standard	2.000	6.95	3235.675	6605.852	2.449	2.2	7.8	NO	1.000	NO	bb
5	5 180315M1_6	Standard	5.000	6.95	6999.907	6753.148	5.183	4.6	-7.6	NO	1.000	NO	bb
6	6 180315M1_7	Standard	10.000	6.95	15652.080	6598.021	11.861	10.7	6.7	NO	1.000	NO	bb
7	7 180315M1_8	Standard	50.000	6.95	74628.703	6779.603	55.039	50.6	1.1	NO	1.000	NO	bb
8	8 180315M1_9	Standard	100.000	6.95	147678.266	7055.319	104.657	98.2	-1.8	NO	1.000	NO	bb
9	9 180315M1_10	Standard	250.000	6.95	334986.813	6734.695	248.702	250.9	0.4	NO	1.000	NO	bb
10	10 180315M1_11	Standard	500.000	6.95	621411.250	7140.101	435.156	499.8	-0.0	NO	1.000	NO	bb

**Compound name: N-MeFOSE**

Correlation coefficient: r = 0.998150, r<sup>2</sup> = 0.996303

Calibration curve: 0.931243 \* x + -0.26682

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 180315M1_2	Standard	1.250	6.55	182.079	28065.998	0.973	1.3	6.5	NO	0.996	NO	bb
2	2 180315M1_3	Standard	2.500	6.55	376.670	31126.689	1.815	2.2	-10.6	NO	0.996	NO	bb
3	3 180315M1_4	Standard	5.000	6.54	661.010	21446.781	4.623	5.3	5.0	NO	0.996	NO	MM
4	4 180315M1_5	Standard	10.000	6.55	1712.240	25845.971	9.937	11.0	9.6	NO	0.996	NO	bb
5	5 180315M1_6	Standard	25.000	6.55	3658.301	24850.598	22.082	24.0	-4.0	NO	0.996	NO	bb
6	6 180315M1_7	Standard	50.000	6.54	7788.348	28754.293	40.629	43.9	-12.2	NO	0.996	NO	bb
7	7 180315M1_8	Standard	250.000	6.55	44949.684	24857.613	271.243	291.6	16.6	NO	0.996	NO	bb
8	8 180315M1_9	Standard	500.000	6.55	81971.781	28997.629	424.027	455.6	-8.9	NO	0.996	NO	bb
9	9 180315M1_10	Standard	1250.000	6.55	195268.797	26476.393	1106.281	1188.2	-4.9	NO	0.996	NO	bb
10	10 180315M1_11	Standard	2500.000	6.55	371813.938	23300.332	2393.618	2570.6	2.8	NO	0.996	NO	bb

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**Compound name: N-EtFOSE**

Coefficient of Determination: R<sup>2</sup> = 0.996283

Calibration curve:  $-5.68208e-006 * x^2 + 1.14654 * x + -0.21115$

Response type: Internal Std ( Ref 56 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180315M1_2	Standard	1.250	6.69	271.725	24960.541	1.633	1.6	28.7	NO	0.996	NO	bb
2	2 180315M1_3	Standard	2.500	6.69	473.464	24714.217	2.874	2.7	7.6	NO	0.996	NO	bb
3	3 180315M1_4	Standard	5.000	6.69	933.087	24449.135	5.725	5.2	3.5	NO	0.996	NO	bb
4	4 180315M1_5	Standard	10.000	6.69	1857.015	23589.037	11.809	10.5	4.8	NO	0.996	NO	bb
5	5 180315M1_6	Standard	25.000	6.69	3561.019	25952.736	20.582	18.1	-27.5	NO	0.996	NO	bb
6	6 180315M1_7	Standard	50.000	6.69	8247.200	24454.232	50.588	44.3	-11.4	NO	0.996	NO	bb
7	7 180315M1_8	Standard	250.000	6.69	43370.926	23844.504	272.836	238.4	-4.6	NO	0.996	NO	bb
8	8 180315M1_9	Standard	500.000	6.69	87316.359	24939.111	525.177	459.3	-8.1	NO	0.996	NO	bb
9	9 180315M1_10	Standard	1250.000	6.69	225195.344	21823.795	1547.820	1359.3	8.7	NO	0.996	NO	MM
10	10 180315M1_11	Standard	2500.000	6.69	414968.313	22393.738	2779.583	2454.4	-1.8	NO	0.996	NO	bb

**Compound name: 13C3-PFBA**

Response Factor: 0.877544

RRF SD: 0.0168939, Relative SD: 1.92514

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 180315M1_2	Standard	12.500	1.73	10637.174	11749.026	11.317	12.9	3.2	NO		NO	MM
2	2 180315M1_3	Standard	12.500	1.73	10236.662	11712.288	10.925	12.4	-0.4	NO		NO	MM
3	3 180315M1_4	Standard	12.500	1.73	9242.907	10524.882	10.977	12.5	0.1	NO		NO	MM
4	4 180315M1_5	Standard	12.500	1.73	10287.565	11376.701	11.303	12.9	3.0	NO		NO	MM
5	5 180315M1_6	Standard	12.500	1.72	10059.511	11450.450	10.982	12.5	0.1	NO		NO	MM
6	6 180315M1_7	Standard	12.500	1.72	10179.866	11549.061	11.018	12.6	0.4	NO		NO	MM
7	7 180315M1_8	Standard	12.500	1.72	9956.119	11375.417	10.940	12.5	-0.3	NO		NO	MM
8	8 180315M1_9	Standard	12.500	1.72	9972.208	11669.888	10.682	12.2	-2.6	NO		NO	MM
9	9 180315M1_10	Standard	12.500	1.72	9622.752	11115.118	10.822	12.3	-1.3	NO		NO	MM
10	10 180315M1_11	Standard	12.500	1.72	9935.011	11577.448	10.727	12.2	-2.2	NO		NO	MM

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**Compound name: 13C3-PFPeA**

Response Factor: 0.844142

RRF SD: 0.0246907, Relative SD: 2.92495

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 180315M1_2	Standard	12.500	2.71	14197.373	16112.028	11.015	13.0	4.4	NO		NO	bb
2	2 180315M1_3	Standard	12.500	2.70	13585.014	15864.317	10.704	12.7	1.4	NO		NO	bb
3	3 180315M1_4	Standard	12.500	2.71	12143.538	14602.479	10.395	12.3	-1.5	NO		NO	bb
4	4 180315M1_5	Standard	12.500	2.70	13873.769	15685.181	11.056	13.1	4.8	NO		NO	bb
5	5 180315M1_6	Standard	12.500	2.70	13344.222	15769.968	10.577	12.5	0.2	NO		NO	bb
6	6 180315M1_7	Standard	12.500	2.70	13399.960	16038.954	10.443	12.4	-1.0	NO		NO	bb
7	7 180315M1_8	Standard	12.500	2.70	12781.801	15545.111	10.278	12.2	-2.6	NO		NO	bb
8	8 180315M1_9	Standard	12.500	2.70	12485.520	15522.238	10.055	11.9	-4.7	NO		NO	bb
9	9 180315M1_10	Standard	12.500	2.70	12484.213	14877.364	10.489	12.4	-0.6	NO		NO	bb
10	10 180315M1_11	Standard	12.500	2.70	12435.281	14796.569	10.505	12.4	-0.4	NO		NO	bb

**Compound name: 13C3-PFBS**

Response Factor: 0.103307

RRF SD: 0.0042772, Relative SD: 4.14029

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 180315M1_2	Standard	12.500	2.97	1614.721	16112.028	1.253	12.1	-3.0	NO		NO	bb
2	2 180315M1_3	Standard	12.500	2.97	1746.310	15864.317	1.376	13.3	6.6	NO		NO	bb
3	3 180315M1_4	Standard	12.500	2.97	1452.982	14602.479	1.244	12.0	-3.7	NO		NO	bb
4	4 180315M1_5	Standard	12.500	2.97	1716.583	15685.181	1.368	13.2	5.9	NO		NO	bb
5	5 180315M1_6	Standard	12.500	2.97	1647.920	15769.968	1.306	12.6	1.2	NO		NO	bb
6	6 180315M1_7	Standard	12.500	2.97	1642.206	16038.954	1.280	12.4	-0.9	NO		NO	bb
7	7 180315M1_8	Standard	12.500	2.97	1622.487	15545.111	1.305	12.6	1.0	NO		NO	bb
8	8 180315M1_9	Standard	12.500	2.97	1619.668	15522.238	1.304	12.6	1.0	NO		NO	bb
9	9 180315M1_10	Standard	12.500	2.97	1518.556	14877.364	1.276	12.4	-1.2	NO		NO	bb
10	10 180315M1_11	Standard	12.500	2.97	1422.735	14796.569	1.202	11.6	-6.9	NO		NO	bb

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**Compound name: 13C2-PFHxA**

Response Factor: 0.740783

RRF SD: 0.0217445, Relative SD: 2.93535

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 180315M1_2	Standard	5.000	3.47	4898.385	16112.028	3.800	5.1	2.6	NO		NO	bb
2	2 180315M1_3	Standard	5.000	3.47	4748.076	15864.317	3.741	5.1	1.0	NO		NO	bb
3	3 180315M1_4	Standard	5.000	3.47	4407.436	14602.479	3.773	5.1	1.9	NO		NO	bb
4	4 180315M1_5	Standard	5.000	3.46	4482.766	15685.181	3.572	4.8	-3.5	NO		NO	bb
5	5 180315M1_6	Standard	5.000	3.46	4719.201	15769.968	3.741	5.0	1.0	NO		NO	bb
6	6 180315M1_7	Standard	5.000	3.47	4686.432	16038.954	3.652	4.9	-1.4	NO		NO	bb
7	7 180315M1_8	Standard	5.000	3.46	4310.808	15545.111	3.466	4.7	-6.4	NO		NO	bb
8	8 180315M1_9	Standard	5.000	3.46	4636.526	15522.238	3.734	5.0	0.8	NO		NO	bb
9	9 180315M1_10	Standard	5.000	3.46	4523.645	14877.364	3.801	5.1	2.6	NO		NO	bb
10	10 180315M1_11	Standard	5.000	3.46	4448.989	14796.569	3.758	5.1	1.5	NO		NO	bb

**Compound name: 13C4-PFHpA**

Response Factor: 0.726081

RRF SD: 0.03353, Relative SD: 4.61794

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 180315M1_2	Standard	12.500	4.09	11412.401	16112.028	8.854	12.2	-2.4	NO		NO	bb
2	2 180315M1_3	Standard	12.500	4.09	12605.755	15864.317	9.932	13.7	9.4	NO		NO	bb
3	3 180315M1_4	Standard	12.500	4.09	10534.352	14602.479	9.018	12.4	-0.6	NO		NO	bb
4	4 180315M1_5	Standard	12.500	4.09	11341.000	15685.181	9.038	12.4	-0.4	NO		NO	bb
5	5 180315M1_6	Standard	12.500	4.09	11580.088	15769.968	9.179	12.6	1.1	NO		NO	bb
6	6 180315M1_7	Standard	12.500	4.09	12373.299	16038.954	9.643	13.3	6.2	NO		NO	bb
7	7 180315M1_8	Standard	12.500	4.09	10947.786	15545.111	8.803	12.1	-3.0	NO		NO	bb
8	8 180315M1_9	Standard	12.500	4.09	10763.335	15522.238	8.668	11.9	-4.5	NO		NO	bb
9	9 180315M1_10	Standard	12.500	4.09	10728.290	14877.364	9.014	12.4	-0.7	NO		NO	bb
10	10 180315M1_11	Standard	12.500	4.08	10193.302	14796.569	8.611	11.9	-5.1	NO		NO	bb

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**Compound name: 1802-PFHxS**

Response Factor: 0.368135

RRF SD: 0.0269947, Relative SD: 7.33282

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 180315M1_2	Standard	12.500	4.23	1297.956	3413.888	4.752	12.9	3.3	NO		NO	bb
2	2 180315M1_3	Standard	12.500	4.23	1379.977	3411.583	5.056	13.7	9.9	NO		NO	bb
3	3 180315M1_4	Standard	12.500	4.23	1031.079	3112.906	4.140	11.2	-10.0	NO		NO	bb
4	4 180315M1_5	Standard	12.500	4.22	1332.094	3451.450	4.824	13.1	4.8	NO		NO	bb
5	5 180315M1_6	Standard	12.500	4.23	1283.286	3331.297	4.815	13.1	4.6	NO		NO	bb
6	6 180315M1_7	Standard	12.500	4.23	1249.310	3557.379	4.390	11.9	-4.6	NO		NO	bb
7	7 180315M1_8	Standard	12.500	4.23	1188.915	3405.497	4.364	11.9	-5.2	NO		NO	bb
8	8 180315M1_9	Standard	12.500	4.22	1139.626	3443.462	4.137	11.2	-10.1	NO		NO	bb
9	9 180315M1_10	Standard	12.500	4.23	1229.230	3068.390	5.008	13.6	8.8	NO		NO	bb
10	10 180315M1_11	Standard	12.500	4.22	1070.514	2954.073	4.530	12.3	-1.6	NO		NO	bb

**Compound name: 13C2-6:2 FTS**

Response Factor: 0.265028

RRF SD: 0.0287898, Relative SD: 10.8629

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 180315M1_2	Standard	12.500	4.55	3997.604	17521.406	2.852	10.8	-13.9	NO		NO	bb
2	2 180315M1_3	Standard	12.500	4.55	3961.223	15189.136	3.260	12.3	-1.6	NO		NO	bb
3	3 180315M1_4	Standard	12.500	4.55	4004.267	13480.495	3.713	14.0	12.1	NO		NO	bb
4	4 180315M1_5	Standard	12.500	4.55	4220.279	15725.683	3.355	12.7	1.3	NO		NO	bb
5	5 180315M1_6	Standard	12.500	4.55	4014.977	16575.025	3.028	11.4	-8.6	NO		NO	bb
6	6 180315M1_7	Standard	12.500	4.55	3790.386	16212.940	2.922	11.0	-11.8	NO		NO	bb
7	7 180315M1_8	Standard	12.500	4.55	4429.573	15398.024	3.596	13.6	8.5	NO		NO	bb
8	8 180315M1_9	Standard	12.500	4.55	4954.976	16397.607	3.777	14.3	14.0	NO		NO	bb
9	9 180315M1_10	Standard	12.500	4.55	6670.838	14113.081	5.908	22.3	78.3	NO		NO	bbX
10	10 180315M1_11	Standard	12.500	4.55	9711.030	14739.683	8.235	31.1	148.6	NO		NO	bbX



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**Compound name: 13C2-PFOA**

Response Factor: 0.987091

RRF SD: 0.072593, Relative SD: 7.35424

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 180315M1_2	Standard	12.500	4.60	16163.360	17521.406	11.531	11.7	-6.5	NO		NO	bb
2	2 180315M1_3	Standard	12.500	4.60	14885.491	15189.136	12.250	12.4	-0.7	NO		NO	bb
3	3 180315M1_4	Standard	12.500	4.61	15681.163	13480.495	14.541	14.7	17.8	NO		NO	bb
4	4 180315M1_5	Standard	12.500	4.60	15871.698	15725.683	12.616	12.8	2.2	NO		NO	bb
5	5 180315M1_6	Standard	12.500	4.60	15225.166	16575.025	11.482	11.6	-6.9	NO		NO	bb
6	6 180315M1_7	Standard	12.500	4.60	16942.223	16212.940	13.062	13.2	5.9	NO		NO	bb
7	7 180315M1_8	Standard	12.500	4.60	14714.820	15398.024	11.945	12.1	-3.2	NO		NO	bb
8	8 180315M1_9	Standard	12.500	4.60	15625.057	16397.607	11.911	12.1	-3.5	NO		NO	bb
9	9 180315M1_10	Standard	12.500	4.60	13718.174	14113.081	12.150	12.3	-1.5	NO		NO	bb
10	10 180315M1_11	Standard	12.500	4.60	14029.131	14739.683	11.897	12.1	-3.6	NO		NO	bb

**Compound name: 13C5-PFNA**

Response Factor: 0.966818

RRF SD: 0.0502143, Relative SD: 5.19377

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 180315M1_2	Standard	12.500	5.03	17286.031	18116.150	11.927	12.3	-1.3	NO		NO	bb
2	2 180315M1_3	Standard	12.500	5.03	18111.598	19228.893	11.774	12.2	-2.6	NO		NO	bb
3	3 180315M1_4	Standard	12.500	5.03	16357.852	17149.264	11.923	12.3	-1.3	NO		NO	bb
4	4 180315M1_5	Standard	12.500	5.03	17634.631	16880.592	13.058	13.5	8.1	NO		NO	bb
5	5 180315M1_6	Standard	12.500	5.03	17595.814	18208.813	12.079	12.5	-0.0	NO		NO	bb
6	6 180315M1_7	Standard	12.500	5.03	18345.322	17305.244	13.251	13.7	9.6	NO		NO	bb
7	7 180315M1_8	Standard	12.500	5.03	15683.376	16104.118	12.173	12.6	0.7	NO		NO	bb
8	8 180315M1_9	Standard	12.500	5.03	14795.807	16565.578	11.165	11.5	-7.6	NO		NO	bb
9	9 180315M1_10	Standard	12.500	5.03	15243.605	16321.566	11.674	12.1	-3.4	NO		NO	bb
10	10 180315M1_11	Standard	12.500	5.03	15771.242	16668.766	11.827	12.2	-2.1	NO		NO	bb

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**Compound name: 13C8-PFOSA**

Response Factor: 0.235027

RRF SD: 0.0133601, Relative SD: 5.68451

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 180315M1_2	Standard	12.500	5.09	4123.942	16898.314	3.051	13.0	3.8	NO		NO	bb
2	2 180315M1_3	Standard	12.500	5.10	4186.257	18164.236	2.881	12.3	-1.9	NO		NO	bb
3	3 180315M1_4	Standard	12.500	5.10	3511.453	14230.730	3.084	13.1	5.0	NO		NO	bb
4	4 180315M1_5	Standard	12.500	5.09	3670.117	17803.178	2.577	11.0	-12.3	NO		NO	bb
5	5 180315M1_6	Standard	12.500	5.10	3929.096	15443.078	3.180	13.5	8.3	NO		NO	bb
6	6 180315M1_7	Standard	12.500	5.09	4072.803	17719.244	2.873	12.2	-2.2	NO		NO	bb
7	7 180315M1_8	Standard	12.500	5.09	3666.156	15077.483	3.039	12.9	3.5	NO		NO	bb
8	8 180315M1_9	Standard	12.500	5.09	3648.040	16055.008	2.840	12.1	-3.3	NO		NO	bb
9	9 180315M1_10	Standard	12.500	5.09	3415.036	14539.334	2.936	12.5	-0.1	NO		NO	bb
10	10 180315M1_11	Standard	12.500	5.09	3155.367	13523.697	2.917	12.4	-0.7	NO		NO	bb

**Compound name: 13C8-PFOS**

Response Factor: 1.03979

RRF SD: 0.0808957, Relative SD: 7.78001

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 180315M1_2	Standard	12.500	5.11	3955.339	3638.859	13.587	13.1	4.5	NO		NO	bb
2	2 180315M1_3	Standard	12.500	5.11	3837.279	3415.333	14.044	13.5	8.1	NO		NO	bb
3	3 180315M1_4	Standard	12.500	5.11	3552.132	3201.930	13.867	13.3	6.7	NO		NO	bb
4	4 180315M1_5	Standard	12.500	5.11	3473.148	3590.579	12.091	11.6	-7.0	NO		NO	bb
5	5 180315M1_6	Standard	12.500	5.11	3287.897	3593.411	11.437	11.0	-12.0	NO		NO	bb
6	6 180315M1_7	Standard	12.500	5.11	3890.636	3594.026	13.532	13.0	4.1	NO		NO	bb
7	7 180315M1_8	Standard	12.500	5.11	3337.129	2968.831	14.051	13.5	8.1	NO		NO	bb
8	8 180315M1_9	Standard	12.500	5.11	3428.595	3204.494	13.374	12.9	2.9	NO		NO	bb
9	9 180315M1_10	Standard	12.500	5.11	2972.819	3182.061	11.678	11.2	-10.2	NO		NO	bb
10	10 180315M1_11	Standard	12.500	5.11	3025.656	3071.823	12.312	11.8	-5.3	NO		NO	bb

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**Compound name: 13C2-PFDA**

Response Factor: 1.20434

RRF SD: 0.070364, Relative SD: 5.84255

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	180315M1_2	Standard	12.500	5.40	17608.984	13610.344	16.172	13.4	7.4	NO		NO	bb
2	180315M1_3	Standard	12.500	5.40	14541.352	12723.691	14.286	11.9	-5.1	NO		NO	bb
3	180315M1_4	Standard	12.500	5.40	15789.702	13356.395	14.777	12.3	-1.8	NO		NO	bb
4	180315M1_5	Standard	12.500	5.40	17637.537	13921.135	15.837	13.1	5.2	NO		NO	bb
5	180315M1_6	Standard	12.500	5.40	15816.229	14798.941	13.359	11.1	-11.3	NO		NO	bb
6	180315M1_7	Standard	12.500	5.40	17430.396	14112.831	15.438	12.8	2.6	NO		NO	bb
7	180315M1_8	Standard	12.500	5.40	14890.774	12850.813	14.484	12.0	-3.8	NO		NO	bb
8	180315M1_9	Standard	12.500	5.40	15844.327	13269.421	14.926	12.4	-0.9	NO		NO	bb
9	180315M1_10	Standard	12.500	5.40	15248.778	11853.218	16.081	13.4	6.8	NO		NO	bb
10	180315M1_11	Standard	12.500	5.40	13387.845	11023.288	15.181	12.6	0.8	NO		NO	bb

**Compound name: 13C2-8:2 FTS**

Response Factor: 0.168017

RRF SD: 0.0210263, Relative SD: 12.5144

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	180315M1_2	Standard	12.500	5.38	2769.275	16112.028	2.148	12.8	2.3	NO		NO	bb
2	180315M1_3	Standard	12.500	5.38	2752.152	15864.317	2.169	12.9	3.3	NO		NO	bb
3	180315M1_4	Standard	12.500	5.37	2356.840	14602.479	2.017	12.0	-3.9	NO		NO	bb
4	180315M1_5	Standard	12.500	5.37	2352.200	15685.181	1.875	11.2	-10.7	NO		NO	bb
5	180315M1_6	Standard	12.500	5.38	2569.981	15769.968	2.037	12.1	-3.0	NO		NO	bb
6	180315M1_7	Standard	12.500	5.37	2381.954	16038.954	1.856	11.0	-11.6	NO		NO	bb
7	180315M1_8	Standard	12.500	5.38	2499.442	15545.111	2.010	12.0	-4.3	NO		NO	bb
8	180315M1_9	Standard	12.500	5.37	3339.687	15522.238	2.689	16.0	28.1	NO		NO	bb
9	180315M1_10	Standard	12.500	5.37	4880.445	14877.364	4.101	24.4	95.2	NO		NO	bbX
10	180315M1_11	Standard	12.500	5.37	6266.536	14796.569	5.294	31.5	152.1	NO		NO	bbX

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**Compound name: d3-N-MeFOSAA**

Response Factor: 0.465476

RRF SD: 0.0324014, Relative SD: 6.96091

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 180315M1_2	Standard	12.500	5.54	7641.137	16898.314	5.652	12.1	-2.9	NO		NO	bb
2	2 180315M1_3	Standard	12.500	5.55	8170.579	18164.236	5.623	12.1	-3.4	NO		NO	bb
3	3 180315M1_4	Standard	12.500	5.55	7223.044	14230.730	6.345	13.6	9.0	NO		NO	bb
4	4 180315M1_5	Standard	12.500	5.54	8040.815	17803.178	5.646	12.1	-3.0	NO		NO	bb
5	5 180315M1_6	Standard	12.500	5.55	7803.960	15443.078	6.317	13.6	8.6	NO		NO	bb
6	6 180315M1_7	Standard	12.500	5.54	7432.465	17719.244	5.243	11.3	-9.9	NO		NO	bb
7	7 180315M1_8	Standard	12.500	5.54	7284.738	15077.483	6.039	13.0	3.8	NO		NO	bb
8	8 180315M1_9	Standard	12.500	5.54	6854.817	16055.008	5.337	11.5	-8.3	NO		NO	bb
9	9 180315M1_10	Standard	12.500	5.54	6616.114	14539.334	5.688	12.2	-2.2	NO		NO	bb
10	10 180315M1_11	Standard	12.500	5.54	6810.370	13523.697	6.295	13.5	8.2	NO		NO	bb

**Compound name: d5-N-EtFOSAA**

Response Factor: 0.50994

RRF SD: 0.0443791, Relative SD: 8.70282

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 180315M1_2	Standard	12.500	5.69	8504.472	16898.314	6.291	12.3	-1.3	NO		NO	bb
2	2 180315M1_3	Standard	12.500	5.70	8734.859	18164.236	6.011	11.8	-5.7	NO		NO	bb
3	3 180315M1_4	Standard	12.500	5.69	8456.588	14230.730	7.428	14.6	16.5	NO		NO	bb
4	4 180315M1_5	Standard	12.500	5.69	8607.767	17803.178	6.044	11.9	-5.2	NO		NO	bb
5	5 180315M1_6	Standard	12.500	5.70	8891.843	15443.078	7.197	14.1	12.9	NO		NO	bb
6	6 180315M1_7	Standard	12.500	5.69	8508.604	17719.244	6.002	11.8	-5.8	NO		NO	bb
7	7 180315M1_8	Standard	12.500	5.69	8144.278	15077.483	6.752	13.2	5.9	NO		NO	bb
8	8 180315M1_9	Standard	12.500	5.69	7491.426	16055.008	5.833	11.4	-8.5	NO		NO	bb
9	9 180315M1_10	Standard	12.500	5.69	7092.687	14539.334	6.098	12.0	-4.3	NO		NO	bb
10	10 180315M1_11	Standard	12.500	5.69	6585.060	13523.697	6.087	11.9	-4.5	NO		NO	bb

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**Compound name: 13C2-PFUdA**

Response Factor: 1.06338

RRF SD: 0.103536, Relative SD: 9.73658

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 180315M1_2	Standard	12.500	5.72	17393.736	16898.314	12.866	12.1	-3.2	NO		NO	bb
2	2 180315M1_3	Standard	12.500	5.72	15194.970	18164.236	10.457	9.8	-21.3	NO		NO	bb
3	3 180315M1_4	Standard	12.500	5.71	15531.228	14230.730	13.642	12.8	2.6	NO		NO	bb
4	4 180315M1_5	Standard	12.500	5.71	19171.383	17803.178	13.461	12.7	1.3	NO		NO	bb
5	5 180315M1_6	Standard	12.500	5.72	18954.592	15443.078	15.342	14.4	15.4	NO		NO	bb
6	6 180315M1_7	Standard	12.500	5.72	19390.330	17719.244	13.679	12.9	2.9	NO		NO	bb
7	7 180315M1_8	Standard	12.500	5.72	17422.398	15077.483	14.444	13.6	8.7	NO		NO	bb
8	8 180315M1_9	Standard	12.500	5.72	16409.742	16055.008	12.776	12.0	-3.9	NO		NO	bb
9	9 180315M1_10	Standard	12.500	5.71	14579.660	14539.334	12.535	11.8	-5.7	NO		NO	bb
10	10 180315M1_11	Standard	12.500	5.71	14843.424	13523.697	13.720	12.9	3.2	NO		NO	bb

**Compound name: 13C2-PFDoA**

Response Factor: 0.874727

RRF SD: 0.0632302, Relative SD: 7.22856

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 180315M1_2	Standard	12.500	6.00	13098.163	16898.314	9.689	11.1	-11.4	NO		NO	bb
2	2 180315M1_3	Standard	12.500	6.00	15219.173	18164.236	10.473	12.0	-4.2	NO		NO	bb
3	3 180315M1_4	Standard	12.500	5.99	12557.271	14230.730	11.030	12.6	0.9	NO		NO	bb
4	4 180315M1_5	Standard	12.500	5.99	14784.097	17803.178	10.380	11.9	-5.1	NO		NO	bb
5	5 180315M1_6	Standard	12.500	6.00	14554.285	15443.078	11.781	13.5	7.7	NO		NO	bb
6	6 180315M1_7	Standard	12.500	5.99	14990.552	17719.244	10.575	12.1	-3.3	NO		NO	bb
7	7 180315M1_8	Standard	12.500	5.99	15114.355	15077.483	12.531	14.3	14.6	NO		NO	bb
8	8 180315M1_9	Standard	12.500	6.00	14423.832	16055.008	11.230	12.8	2.7	NO		NO	bb
9	9 180315M1_10	Standard	12.500	5.99	12430.919	14539.334	10.687	12.2	-2.3	NO		NO	bb
10	10 180315M1_11	Standard	12.500	5.99	11862.764	13523.697	10.965	12.5	0.3	NO		NO	bb

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**Compound name: d3-N-MeFOSA**

Response Factor: 0.114009

RRF SD: 0.00930972, Relative SD: 8.16579

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 180315M1_2	Standard	150.000	6.09	22387.975	16898.314	16.561	145.3	-3.2	NO		NO	bb
2	2 180315M1_3	Standard	150.000	6.10	22667.992	18164.236	15.599	136.8	-8.8	NO		NO	bb
3	3 180315M1_4	Standard	150.000	6.09	19969.832	14230.730	17.541	153.9	2.6	NO		NO	bb
4	4 180315M1_5	Standard	150.000	6.09	22192.693	17803.178	15.582	136.7	-8.9	NO		NO	bb
5	5 180315M1_6	Standard	150.000	6.10	22287.188	15443.078	18.040	158.2	5.5	NO		NO	bb
6	6 180315M1_7	Standard	150.000	6.09	22415.230	17719.244	15.813	138.7	-7.5	NO		NO	bd
7	7 180315M1_8	Standard	150.000	6.10	21354.984	15077.483	17.704	155.3	3.5	NO		NO	bb
8	8 180315M1_9	Standard	150.000	6.10	21307.834	16055.008	16.590	145.5	-3.0	NO		NO	bb
9	9 180315M1_10	Standard	150.000	6.09	20292.633	14539.334	17.446	153.0	2.0	NO		NO	bb
10	10 180315M1_11	Standard	150.000	6.10	21786.137	13523.697	20.137	176.6	17.8	NO		NO	bb

**Compound name: 13C2-PFTeDA**

Response Factor: 0.499773

RRF SD: 0.0574249, Relative SD: 11.4902

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 180315M1_2	Standard	12.500	6.44	9231.238	16898.314	6.829	13.7	9.3	NO		NO	bb
2	2 180315M1_3	Standard	12.500	6.44	8305.675	18164.236	5.716	11.4	-8.5	NO		NO	bb
3	3 180315M1_4	Standard	12.500	6.44	7224.313	14230.730	6.346	12.7	1.6	NO		NO	bb
4	4 180315M1_5	Standard	12.500	6.44	7910.817	17803.178	5.554	11.1	-11.1	NO		NO	bb
5	5 180315M1_6	Standard	12.500	6.44	8301.636	15443.078	6.720	13.4	7.6	NO		NO	bb
6	6 180315M1_7	Standard	12.500	6.44	8474.161	17719.244	5.978	12.0	-4.3	NO		NO	bb
7	7 180315M1_8	Standard	12.500	6.44	8022.760	15077.483	6.651	13.3	6.5	NO		NO	bb
8	8 180315M1_9	Standard	12.500	6.44	6201.096	16055.008	4.828	9.7	-22.7	NO		NO	bb
9	9 180315M1_10	Standard	12.500	6.44	7753.232	14539.334	6.666	13.3	6.7	NO		NO	bb
10	10 180315M1_11	Standard	12.500	6.44	7773.155	13523.697	7.185	14.4	15.0	NO		NO	bb

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**Compound name: d5-N-ETFOSA**

Response Factor: 0.158076

RRF SD: 0.0102165, Relative SD: 6.46306

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 180315M1_2	Standard	150.000	6.45	32406.793	16898.314	23.972	151.6	1.1	NO		NO	bb
2	2 180315M1_3	Standard	150.000	6.45	32689.701	18164.236	22.496	142.3	-5.1	NO		NO	bb
3	3 180315M1_4	Standard	150.000	6.45	29717.260	14230.730	26.103	165.1	10.1	NO		NO	bb
4	4 180315M1_5	Standard	150.000	6.45	31729.750	17803.178	22.278	140.9	-6.0	NO		NO	bb
5	5 180315M1_6	Standard	150.000	6.45	31884.801	15443.078	25.808	163.3	8.8	NO		NO	bb
6	6 180315M1_7	Standard	150.000	6.45	32609.957	17719.244	23.005	145.5	-3.0	NO		NO	bb
7	7 180315M1_8	Standard	150.000	6.45	30600.619	15077.483	25.369	160.5	7.0	NO		NO	bb
8	8 180315M1_9	Standard	150.000	6.45	29797.750	16055.008	23.200	146.8	-2.2	NO		NO	bb
9	9 180315M1_10	Standard	150.000	6.45	26782.033	14539.334	23.025	145.7	-2.9	NO		NO	bb
10	10 180315M1_11	Standard	150.000	6.45	23646.998	13523.697	21.857	138.3	-7.8	NO		NO	bb

**Compound name: 13C2-PFHxDA**

Response Factor: 1.08105

RRF SD: 0.115618, Relative SD: 10.695

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 180315M1_2	Standard	5.000	6.74	6740.601	16898.314	4.986	4.6	-7.8	NO		NO	bb
2	2 180315M1_3	Standard	5.000	6.74	7625.719	18164.236	5.248	4.9	-2.9	NO		NO	bb
3	3 180315M1_4	Standard	5.000	6.74	6325.561	14230.730	5.556	5.1	2.8	NO		NO	bb
4	4 180315M1_5	Standard	5.000	6.74	6605.852	17803.178	4.638	4.3	-14.2	NO		NO	bb
5	5 180315M1_6	Standard	5.000	6.74	6753.148	15443.078	5.466	5.1	1.1	NO		NO	bb
6	6 180315M1_7	Standard	5.000	6.73	6598.021	17719.244	4.655	4.3	-13.9	NO		NO	bb
7	7 180315M1_8	Standard	5.000	6.74	6779.603	15077.483	5.621	5.2	4.0	NO		NO	bb
8	8 180315M1_9	Standard	5.000	6.73	7055.319	16055.008	5.493	5.1	1.6	NO		NO	bb
9	9 180315M1_10	Standard	5.000	6.73	6734.695	14539.334	5.790	5.4	7.1	NO		NO	bb
10	10 180315M1_11	Standard	5.000	6.73	7140.101	13523.697	6.600	6.1	22.1	NO		NO	bb

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**Compound name: d7-N-MeFOSE**

Response Factor: 0.138034

RRF SD: 0.00981457, Relative SD: 7.11028

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 180315M1_2	Standard	150.000	6.54	28065.998	16898.314	20.761	150.4	0.3	NO		NO	bb
2	2 180315M1_3	Standard	150.000	6.54	31126.689	18164.236	21.420	155.2	3.5	NO		NO	bb
3	3 180315M1_4	Standard	150.000	6.54	21446.781	14230.730	18.838	136.5	-9.0	NO		NO	bb
4	4 180315M1_5	Standard	150.000	6.54	25845.971	17803.178	18.147	131.5	-12.4	NO		NO	bb
5	5 180315M1_6	Standard	150.000	6.54	24850.598	15443.078	20.115	145.7	-2.9	NO		NO	bb
6	6 180315M1_7	Standard	150.000	6.54	28754.293	17719.244	20.285	147.0	-2.0	NO		NO	bb
7	7 180315M1_8	Standard	150.000	6.54	24857.613	15077.483	20.608	149.3	-0.5	NO		NO	bb
8	8 180315M1_9	Standard	150.000	6.54	28997.629	16055.008	22.577	163.6	9.0	NO		NO	bb
9	9 180315M1_10	Standard	150.000	6.54	26476.393	14539.334	22.763	164.9	9.9	NO		NO	bb
10	10 180315M1_11	Standard	150.000	6.54	23300.332	13523.697	21.537	156.0	4.0	NO		NO	MM

**Compound name: d9-N-EtFOSE**

Response Factor: 0.126943

RRF SD: 0.0115689, Relative SD: 9.11352

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 180315M1_2	Standard	150.000	6.68	24960.541	16898.314	18.464	145.4	-3.0	NO		NO	bb
2	2 180315M1_3	Standard	150.000	6.68	24714.217	18164.236	17.007	134.0	-10.7	NO		NO	bb
3	3 180315M1_4	Standard	150.000	6.68	24449.135	14230.730	21.476	169.2	12.8	NO		NO	MM
4	4 180315M1_5	Standard	150.000	6.68	23589.037	17803.178	16.562	130.5	-13.0	NO		NO	bb
5	5 180315M1_6	Standard	150.000	6.68	25952.736	15443.078	21.007	165.5	10.3	NO		NO	bb
6	6 180315M1_7	Standard	150.000	6.68	24454.232	17719.244	17.251	135.9	-9.4	NO		NO	bb
7	7 180315M1_8	Standard	150.000	6.68	23844.504	15077.483	19.768	155.7	3.8	NO		NO	bb
8	8 180315M1_9	Standard	150.000	6.68	24939.111	16055.008	19.417	153.0	2.0	NO		NO	bb
9	9 180315M1_10	Standard	150.000	6.68	21823.795	14539.334	18.763	147.8	-1.5	NO		NO	bb
10	10 180315M1_11	Standard	150.000	6.68	22393.738	13523.697	20.699	163.1	8.7	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 180315M1_2	Standard	12.500	1.73	11749.026	11749.026	12.500	12.5	0.0	NO		NO	MM
2	2 180315M1_3	Standard	12.500	1.72	11712.288	11712.288	12.500	12.5	0.0	NO		NO	MM
3	3 180315M1_4	Standard	12.500	1.73	10524.882	10524.882	12.500	12.5	0.0	NO		NO	MM
4	4 180315M1_5	Standard	12.500	1.73	11376.701	11376.701	12.500	12.5	0.0	NO		NO	MM
5	5 180315M1_6	Standard	12.500	1.72	11450.450	11450.450	12.500	12.5	0.0	NO		NO	MM
6	6 180315M1_7	Standard	12.500	1.72	11549.061	11549.061	12.500	12.5	0.0	NO		NO	MM
7	7 180315M1_8	Standard	12.500	1.72	11375.417	11375.417	12.500	12.5	0.0	NO		NO	MM
8	8 180315M1_9	Standard	12.500	1.72	11669.888	11669.888	12.500	12.5	0.0	NO		NO	MM
9	9 180315M1_10	Standard	12.500	1.72	11115.118	11115.118	12.500	12.5	0.0	NO		NO	MM
10	10 180315M1_11	Standard	12.500	1.65	11577.448	11577.448	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 180315M1_2	Standard	12.500	3.47	16112.028	16112.028	12.500	12.5	0.0	NO		NO	bb
2	2 180315M1_3	Standard	12.500	3.46	15864.317	15864.317	12.500	12.5	0.0	NO		NO	bb
3	3 180315M1_4	Standard	12.500	3.47	14602.479	14602.479	12.500	12.5	0.0	NO		NO	bb
4	4 180315M1_5	Standard	12.500	3.46	15685.181	15685.181	12.500	12.5	0.0	NO		NO	bb
5	5 180315M1_6	Standard	12.500	3.46	15769.968	15769.968	12.500	12.5	0.0	NO		NO	bb
6	6 180315M1_7	Standard	12.500	3.46	16038.954	16038.954	12.500	12.5	0.0	NO		NO	bb
7	7 180315M1_8	Standard	12.500	3.46	15545.111	15545.111	12.500	12.5	0.0	NO		NO	bb
8	8 180315M1_9	Standard	12.500	3.46	15522.238	15522.238	12.500	12.5	0.0	NO		NO	bb
9	9 180315M1_10	Standard	12.500	3.46	14877.364	14877.364	12.500	12.5	0.0	NO		NO	bb
10	10 180315M1_11	Standard	12.500	3.46	14796.569	14796.569	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

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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 180315M1_2	Standard	12.500	4.23	3413.888	3413.888	12.500	12.5	0.0	NO		NO	bb
2	2 180315M1_3	Standard	12.500	4.23	3411.583	3411.583	12.500	12.5	0.0	NO		NO	bb
3	3 180315M1_4	Standard	12.500	4.23	3112.906	3112.906	12.500	12.5	0.0	NO		NO	bb
4	4 180315M1_5	Standard	12.500	4.22	3451.450	3451.450	12.500	12.5	0.0	NO		NO	bb
5	5 180315M1_6	Standard	12.500	4.23	3331.297	3331.297	12.500	12.5	0.0	NO		NO	bb
6	6 180315M1_7	Standard	12.500	4.23	3557.379	3557.379	12.500	12.5	0.0	NO		NO	bb
7	7 180315M1_8	Standard	12.500	4.23	3405.497	3405.497	12.500	12.5	0.0	NO		NO	bb
8	8 180315M1_9	Standard	12.500	4.22	3443.462	3443.462	12.500	12.5	0.0	NO		NO	bb
9	9 180315M1_10	Standard	12.500	4.23	3068.390	3068.390	12.500	12.5	0.0	NO		NO	bb
10	10 180315M1_11	Standard	12.500	4.22	2954.073	2954.073	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 180315M1_2	Standard	12.500	4.60	17521.406	17521.406	12.500	12.5	0.0	NO		NO	bb
2	2 180315M1_3	Standard	12.500	4.60	15189.136	15189.136	12.500	12.5	0.0	NO		NO	bb
3	3 180315M1_4	Standard	12.500	4.61	13480.495	13480.495	12.500	12.5	0.0	NO		NO	bb
4	4 180315M1_5	Standard	12.500	4.60	15725.683	15725.683	12.500	12.5	0.0	NO		NO	bb
5	5 180315M1_6	Standard	12.500	4.60	16575.025	16575.025	12.500	12.5	0.0	NO		NO	bb
6	6 180315M1_7	Standard	12.500	4.60	16212.940	16212.940	12.500	12.5	0.0	NO		NO	bb
7	7 180315M1_8	Standard	12.500	4.60	15398.024	15398.024	12.500	12.5	0.0	NO		NO	bb
8	8 180315M1_9	Standard	12.500	4.60	16397.607	16397.607	12.500	12.5	0.0	NO		NO	bb
9	9 180315M1_10	Standard	12.500	4.60	14113.081	14113.081	12.500	12.5	0.0	NO		NO	bb
10	10 180315M1_11	Standard	12.500	4.60	14739.683	14739.683	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

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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 180315M1_2	Standard	12.500	5.03	18116.150	18116.150	12.500	12.5	0.0	NO		NO	bb
2	2 180315M1_3	Standard	12.500	5.03	19228.893	19228.893	12.500	12.5	0.0	NO		NO	bb
3	3 180315M1_4	Standard	12.500	5.03	17149.264	17149.264	12.500	12.5	0.0	NO		NO	bb
4	4 180315M1_5	Standard	12.500	5.03	16880.592	16880.592	12.500	12.5	0.0	NO		NO	bb
5	5 180315M1_6	Standard	12.500	5.03	18208.813	18208.813	12.500	12.5	0.0	NO		NO	bb
6	6 180315M1_7	Standard	12.500	5.03	17305.244	17305.244	12.500	12.5	0.0	NO		NO	bb
7	7 180315M1_8	Standard	12.500	5.03	16104.118	16104.118	12.500	12.5	0.0	NO		NO	bb
8	8 180315M1_9	Standard	12.500	5.03	16565.578	16565.578	12.500	12.5	0.0	NO		NO	bb
9	9 180315M1_10	Standard	12.500	5.03	16321.566	16321.566	12.500	12.5	0.0	NO		NO	bb
10	10 180315M1_11	Standard	12.500	5.03	16668.766	16668.766	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 180315M1_2	Standard	12.500	5.11	3638.859	3638.859	12.500	12.5	0.0	NO		NO	bb
2	2 180315M1_3	Standard	12.500	5.11	3415.333	3415.333	12.500	12.5	0.0	NO		NO	bb
3	3 180315M1_4	Standard	12.500	5.11	3201.930	3201.930	12.500	12.5	0.0	NO		NO	bb
4	4 180315M1_5	Standard	12.500	5.11	3590.579	3590.579	12.500	12.5	0.0	NO		NO	bb
5	5 180315M1_6	Standard	12.500	5.11	3593.411	3593.411	12.500	12.5	0.0	NO		NO	bb
6	6 180315M1_7	Standard	12.500	5.11	3594.026	3594.026	12.500	12.5	0.0	NO		NO	bb
7	7 180315M1_8	Standard	12.500	5.11	2968.831	2968.831	12.500	12.5	0.0	NO		NO	bb
8	8 180315M1_9	Standard	12.500	5.11	3204.494	3204.494	12.500	12.5	0.0	NO		NO	bb
9	9 180315M1_10	Standard	12.500	5.11	3182.061	3182.061	12.500	12.5	0.0	NO		NO	bb
10	10 180315M1_11	Standard	12.500	5.11	3071.823	3071.823	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-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 180315M1_2	Standard	12.500	5.40	13610.344	13610.344	12.500	12.5	0.0	NO		NO	bb
2	2 180315M1_3	Standard	12.500	5.40	12723.691	12723.691	12.500	12.5	0.0	NO		NO	bb
3	3 180315M1_4	Standard	12.500	5.40	13356.395	13356.395	12.500	12.5	0.0	NO		NO	bb
4	4 180315M1_5	Standard	12.500	5.40	13921.135	13921.135	12.500	12.5	0.0	NO		NO	bb
5	5 180315M1_6	Standard	12.500	5.40	14798.941	14798.941	12.500	12.5	0.0	NO		NO	bb
6	6 180315M1_7	Standard	12.500	5.40	14112.831	14112.831	12.500	12.5	0.0	NO		NO	bb
7	7 180315M1_8	Standard	12.500	5.40	12850.813	12850.813	12.500	12.5	0.0	NO		NO	bb
8	8 180315M1_9	Standard	12.500	5.40	13269.421	13269.421	12.500	12.5	0.0	NO		NO	bb
9	9 180315M1_10	Standard	12.500	5.40	11853.218	11853.218	12.500	12.5	0.0	NO		NO	bb
10	10 180315M1_11	Standard	12.500	5.40	11023.288	11023.288	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 180315M1_2	Standard	12.500	5.72	16898.314	16898.314	12.500	12.5	0.0	NO		NO	bb
2	2 180315M1_3	Standard	12.500	5.72	18164.236	18164.236	12.500	12.5	0.0	NO		NO	bb
3	3 180315M1_4	Standard	12.500	5.72	14230.730	14230.730	12.500	12.5	0.0	NO		NO	bb
4	4 180315M1_5	Standard	12.500	5.71	17803.178	17803.178	12.500	12.5	0.0	NO		NO	bb
5	5 180315M1_6	Standard	12.500	5.72	15443.078	15443.078	12.500	12.5	0.0	NO		NO	bb
6	6 180315M1_7	Standard	12.500	5.71	17719.244	17719.244	12.500	12.5	0.0	NO		NO	bb
7	7 180315M1_8	Standard	12.500	5.72	15077.483	15077.483	12.500	12.5	0.0	NO		NO	bb
8	8 180315M1_9	Standard	12.500	5.71	16055.008	16055.008	12.500	12.5	0.0	NO		NO	bb
9	9 180315M1_10	Standard	12.500	5.71	14539.334	14539.334	12.500	12.5	0.0	NO		NO	bb
10	10 180315M1_11	Standard	12.500	5.71	13523.697	13523.697	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031418.mdb 15 Mar 2018 11:27:24

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180315M1\_2, Date: 15-Mar-2018, Time: 20:57:09, ID: ST180315M1-1 PFC CS-2 18C1203, Description: PFC CS-2 18C1203

#	Name	IS#	CoD	CoD Flag	%RSD
1	1 PFBA	34	0.9997	NO	
2	2 PFPeA	35	0.9993	NO	
3	3 PFBS	36	0.9997	NO	
4	4 4:2 FTS	36	0.9997	NO	
5	5 PFHxA	37	0.9992	NO	
6	6 PFPeS	36	0.9995	NO	
7	7 PFHpA	38	0.9986	NO	
8	8 L-PFHxS	39	0.9982	NO	
9	10 6:2 FTS	40	0.9974	NO	
10	11 L-PFOA	41	0.9988	NO	
11	13 PFHpS	41	0.9973	NO	
12	14 PFNA	42	0.9990	NO	
13	15 PFOSA	43	0.9993	NO	
14	16 L-PFOS	44	0.9993	NO	
15	18 PFDA	45	0.9981	NO	
16	19 8:2 FTS	46	0.9954	NO	
17	20 PFNS	44	0.9996	NO	
18	21 N-MeFOSAA	47	0.9982	NO	
19	22 N-EtFOSAA	48	0.9991	NO	
20	23 PFUdA	49	0.9984	NO	
21	24 PFDS	49	0.9989	NO	
22	25 PFDoA	50	0.9996	NO	
23	26 N-MeFOSA	51	0.9921	NO	
24	27 PFTTrDA	50	0.9985	NO	
25	28 PFTeDA	52	0.9954	NO	
26	29 N-EtFOSA	53	0.9997	NO	
27	30 PFHxDA	54	0.9992	NO	
28	31 PFODA	54	0.9998	NO	
29	32 N-MeFOSE	55	0.9963	NO	
30	33 N-EtFOSE	56	0.9963	NO	
31	34 13C3-PFBA	57		NO	1.925

Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

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Name: 180315M1\_2, Date: 15-Mar-2018, Time: 20:57:09, ID: ST180315M1-1 PFC CS-2 18C1203, Description: PFC CS-2 18C1203

#	Name	IS#	CoD	CoD Flag	%RSD
32	35 13C3-PFPeA	58		NO	2.925
33	36 13C3-PFBS	58		NO	4.140
34	37 13C2-PFHxA	58		NO	2.935
35	38 13C4-PFHpA	58		NO	4.618
36	39 18O2-PFHxS	59		NO	7.333
37	40 13C2-6:2 FTS	60		NO	10.863
38	41 13C2-PFOA	60		NO	7.354
39	42 13C5-PFNA	61		NO	5.194
40	43 13C8-PFOSA	64		NO	5.685
41	44 13C8-PFOS	62		NO	7.780
42	45 13C2-PFDA	63		NO	5.843
43	46 13C2-8:2 FTS	58		NO	12.514
44	47 d3-N-MeFOSAA	64		NO	6.961
45	48 d5-N-EtFOSAA	64		NO	8.703
46	49 13C2-PFUdA	64		NO	9.737
47	50 13C2-PFDoA	64		NO	7.229
48	51 d3-N-MeFOSA	64		NO	8.166
49	52 13C2-PFTeDA	64		NO	11.490
50	53 d5-N-ETFOSA	64		NO	6.463
51	54 13C2-PFHxDA	64		NO	10.695
52	55 d7-N-MeFOSE	64		NO	7.110
53	56 d9-N-EtFOSE	64		NO	9.114
54	57 13C4-PFBA	57		NO	0.000
55	58 13C5-PFHxA	58		NO	0.000
56	59 13C3-PFHxS	59		NO	0.000
57	60 13C8-PFOA	60		NO	0.000
58	61 13C9-PFNA	61		NO	0.000
59	62 13C4-PFOS	62		NO	0.000
60	63 13C6-PFDA	63		NO	0.000
61	64 13C7-PFUdA	64		NO	0.000

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Friday, March 16, 2018 11:17:24 Pacific Daylight Time

Printed: Friday, March 16, 2018 11:18:29 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031418.mdb 16 Mar 2018 11:12:49

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180315M1_1	IPA	15-Mar-18	20:45:45
2	180315M1_2	ST180315M1-1 PFC CS-2 18C1203	15-Mar-18	20:57:09
3	180315M1_3	ST180315M1-2 PFC CS-1 18C1204	15-Mar-18	21:08:36
4	180315M1_4	ST180315M1-3 PFC CS0 18C1205	15-Mar-18	21:20:03
5	180315M1_5	ST180315M1-4 PFC CS1 18C1206	15-Mar-18	21:31:32
6	180315M1_6	ST180315M1-5 PFC CS2 18C1207	15-Mar-18	21:42:59
7	180315M1_7	ST180315M1-6 PFC CS3 18C1208	15-Mar-18	21:54:26
8	180315M1_8	ST180315M1-7 PFC CS4 18C1209	15-Mar-18	22:05:53
9	180315M1_9	ST180315M1-8 PFC CS5 18C1210	15-Mar-18	22:17:19
10	180315M1_10	ST180315M1-9 PFC CS6 18C1211	15-Mar-18	22:28:49
11	180315M1_11	ST180315M1-10 PFC CS7 18C1212	15-Mar-18	22:40:18
12	180315M1_12	IPA	15-Mar-18	22:51:47
13	180315M1_13	ICV180315M1-1 PFC ICV 18C1202	15-Mar-18	23:03:16
14	180315M1_14	IPA	15-Mar-18	23:14:44

Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031418.mdb 15 Mar 2018 11:27:24

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

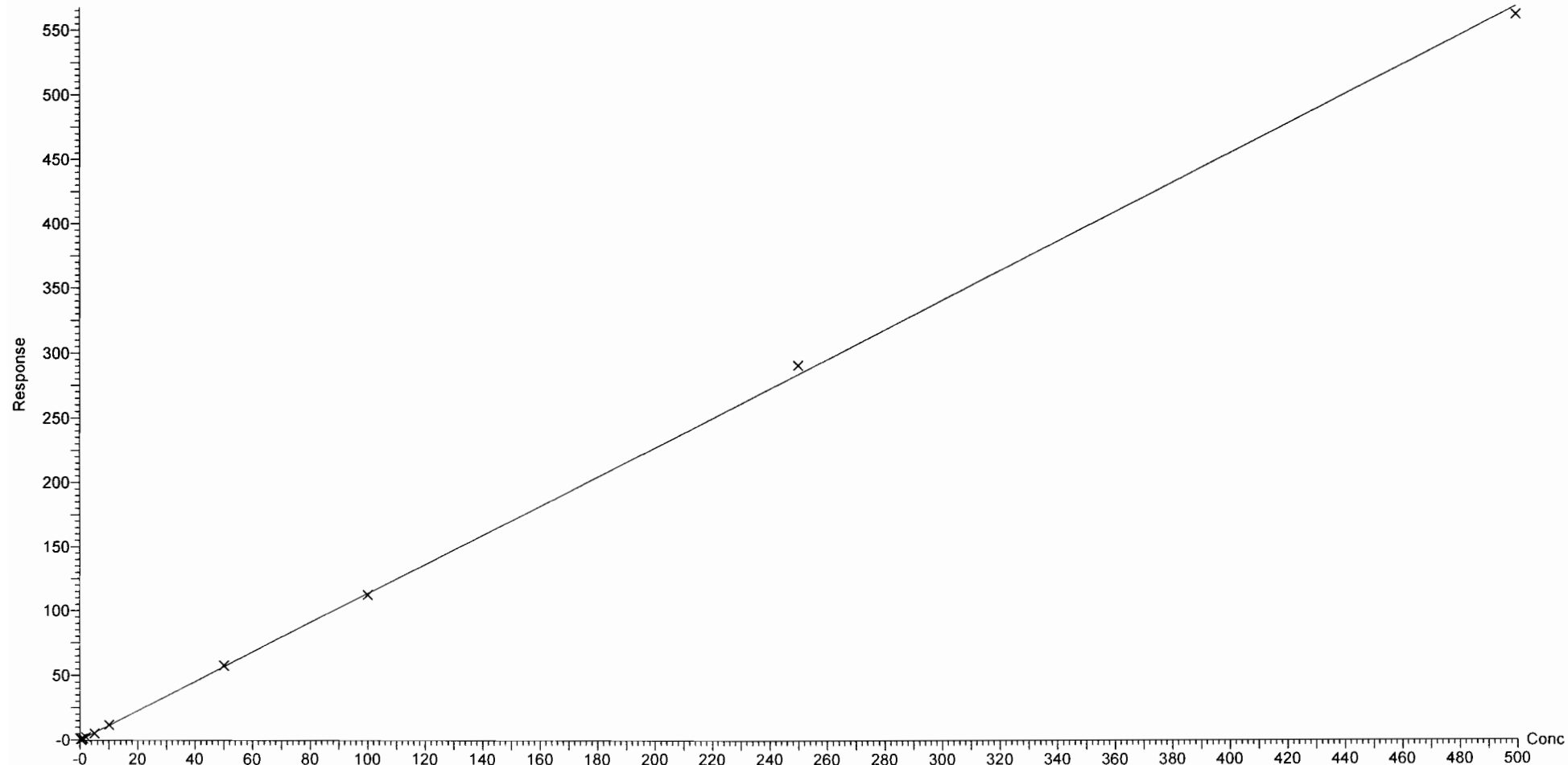
Compound name: PFBA

Correlation coefficient:  $r = 0.999829$ ,  $r^2 = 0.999657$

Calibration curve:  $1.13435 * x + 0.00496909$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

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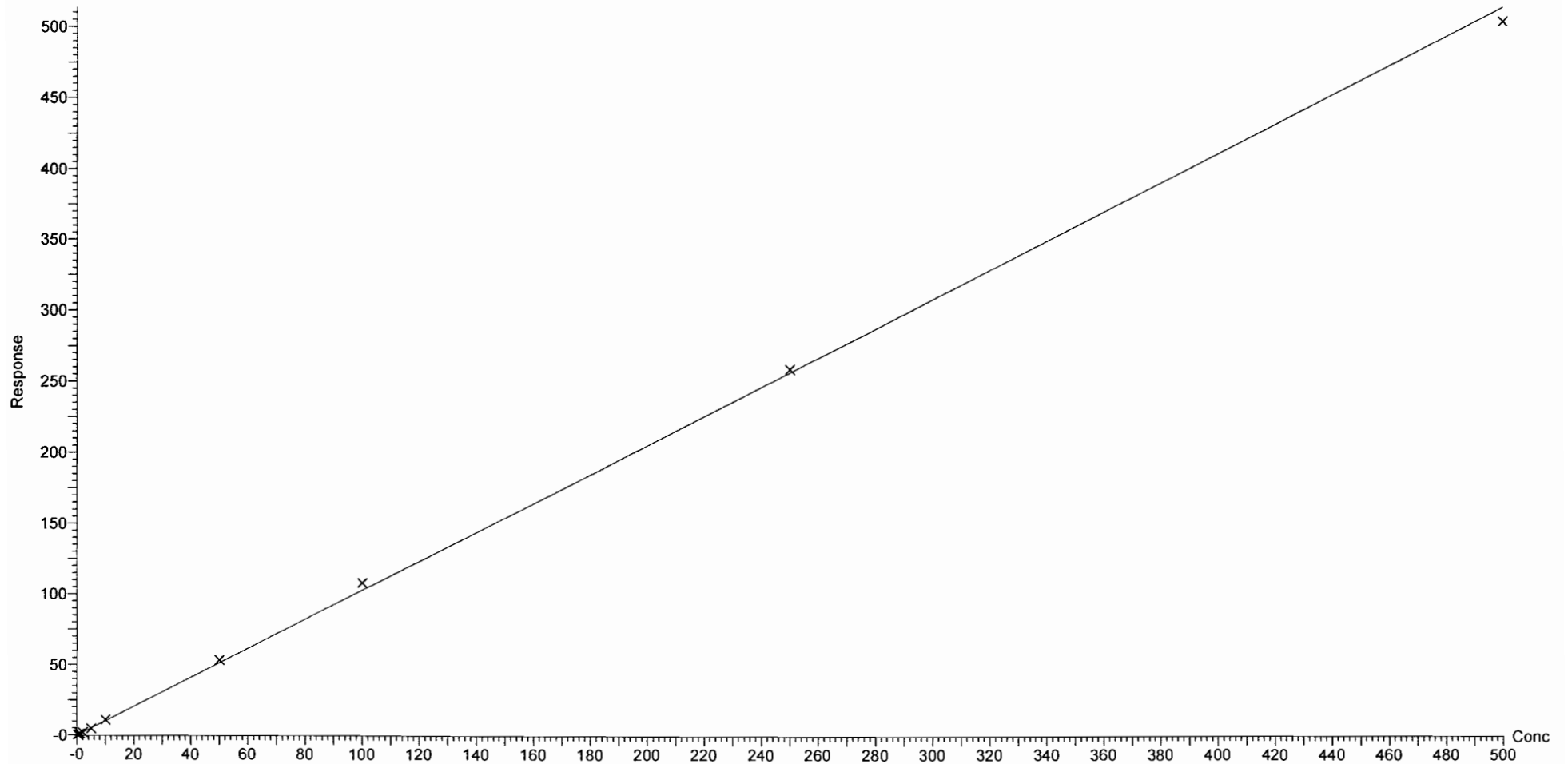
Compound name: PFPeA

Correlation coefficient:  $r = 0.999642$ ,  $r^2 = 0.999284$

Calibration curve:  $1.02666 * x + 0.0219285$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

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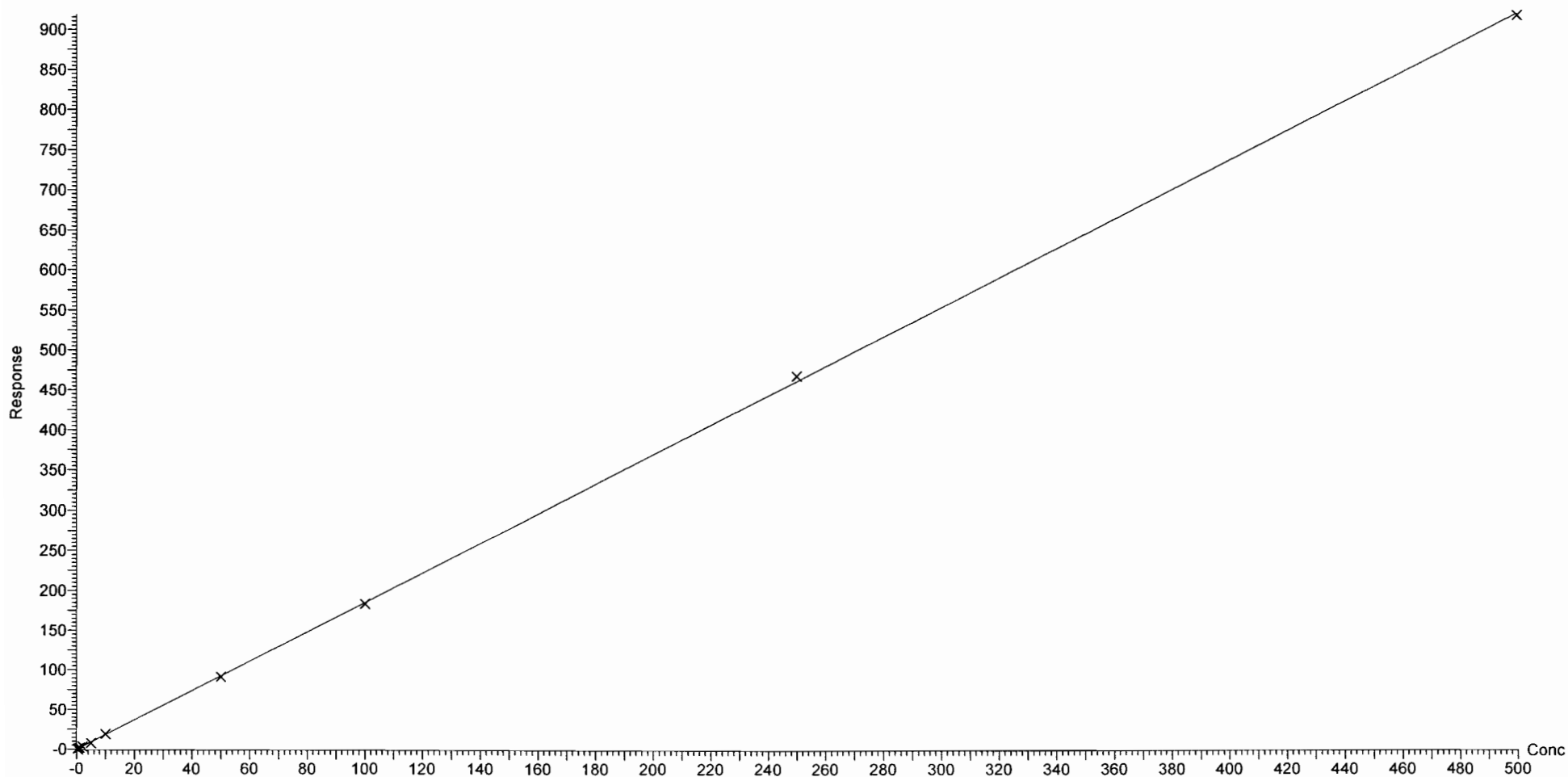
Compound name: PFBS

Coefficient of Determination:  $R^2 = 0.999747$

Calibration curve:  $-4.06127e-005 * x^2 + 1.85696 * x + -0.170509$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

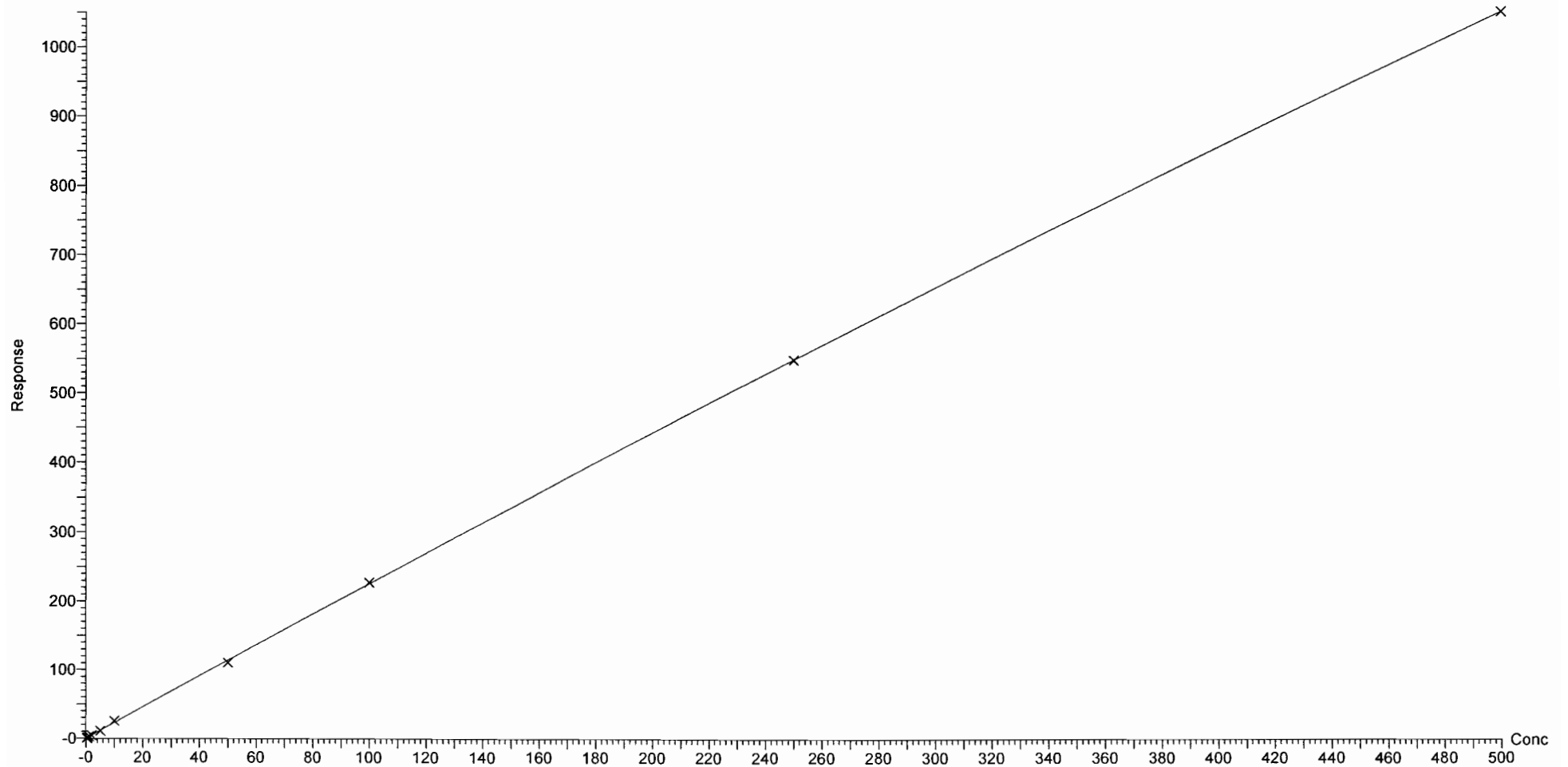
Compound name: 4:2 FTS

Coefficient of Determination:  $R^2 = 0.999740$

Calibration curve:  $-0.000390084 * x^2 + 2.29521 * x + -0.0420343$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

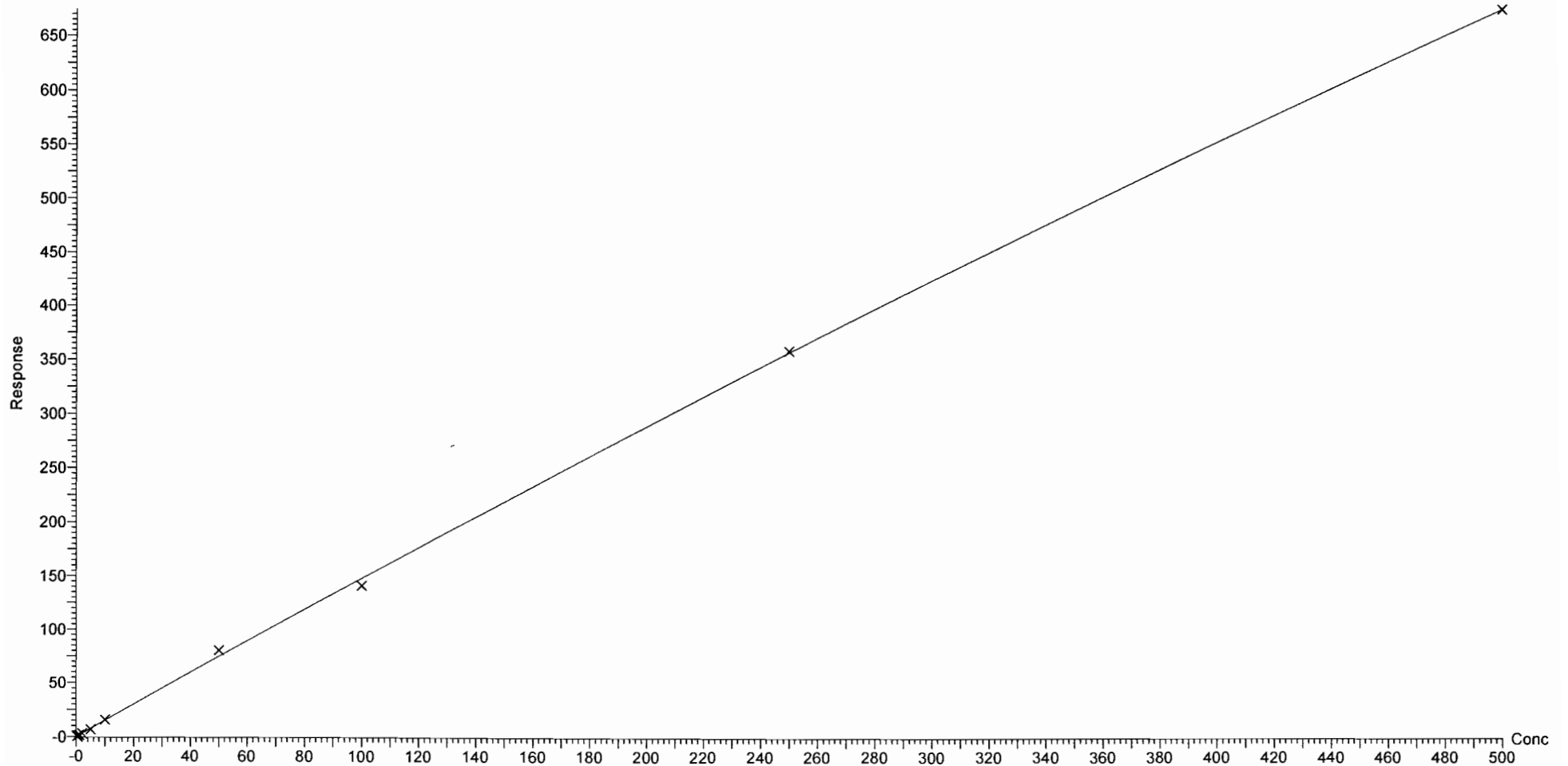
Compound name: PFHxA

Coefficient of Determination:  $R^2 = 0.999235$

Calibration curve:  $-0.000323253 * x^2 + 1.50961 * x + 0.0169979$

Response type: Internal Std ( Ref 37 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

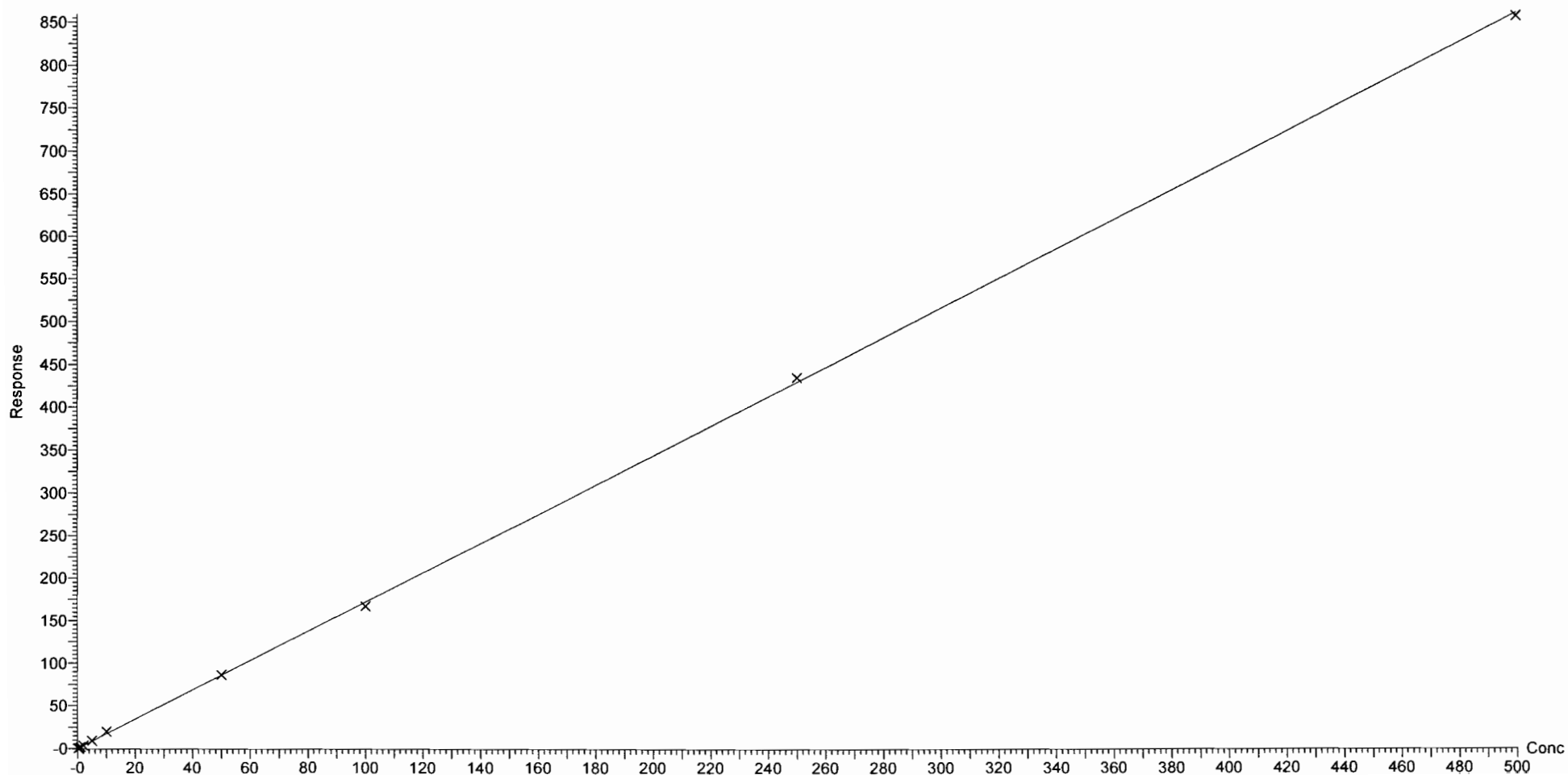
Compound name: PFPeS

Correlation coefficient:  $r = 0.999769$ ,  $r^2 = 0.999539$

Calibration curve:  $1.71903 * x + 0.0833397$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

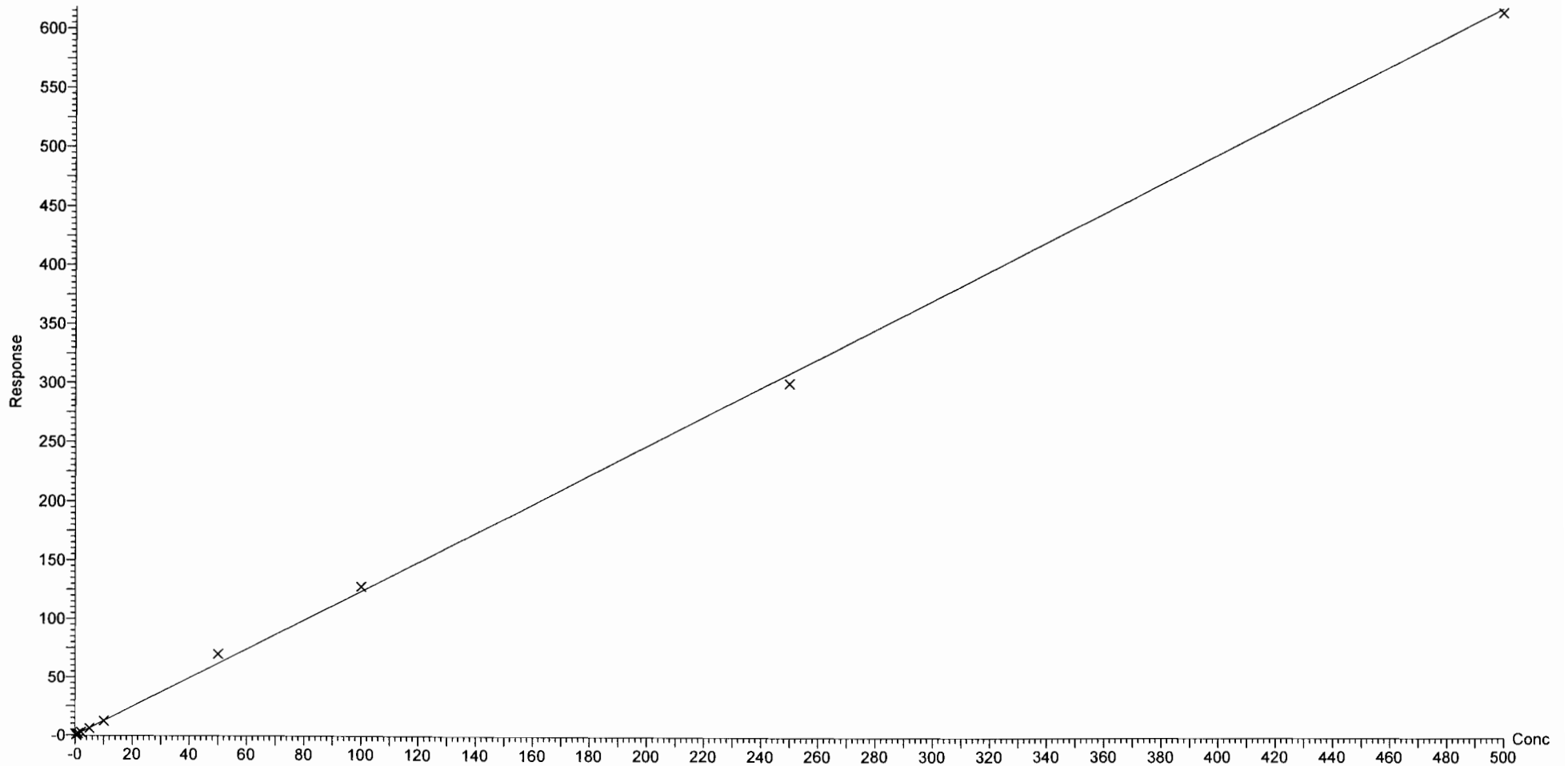
Compound name: PFHpA

Correlation coefficient:  $r = 0.999318$ ,  $r^2 = 0.998636$

Calibration curve:  $1.23628 * x + 0.0554705$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

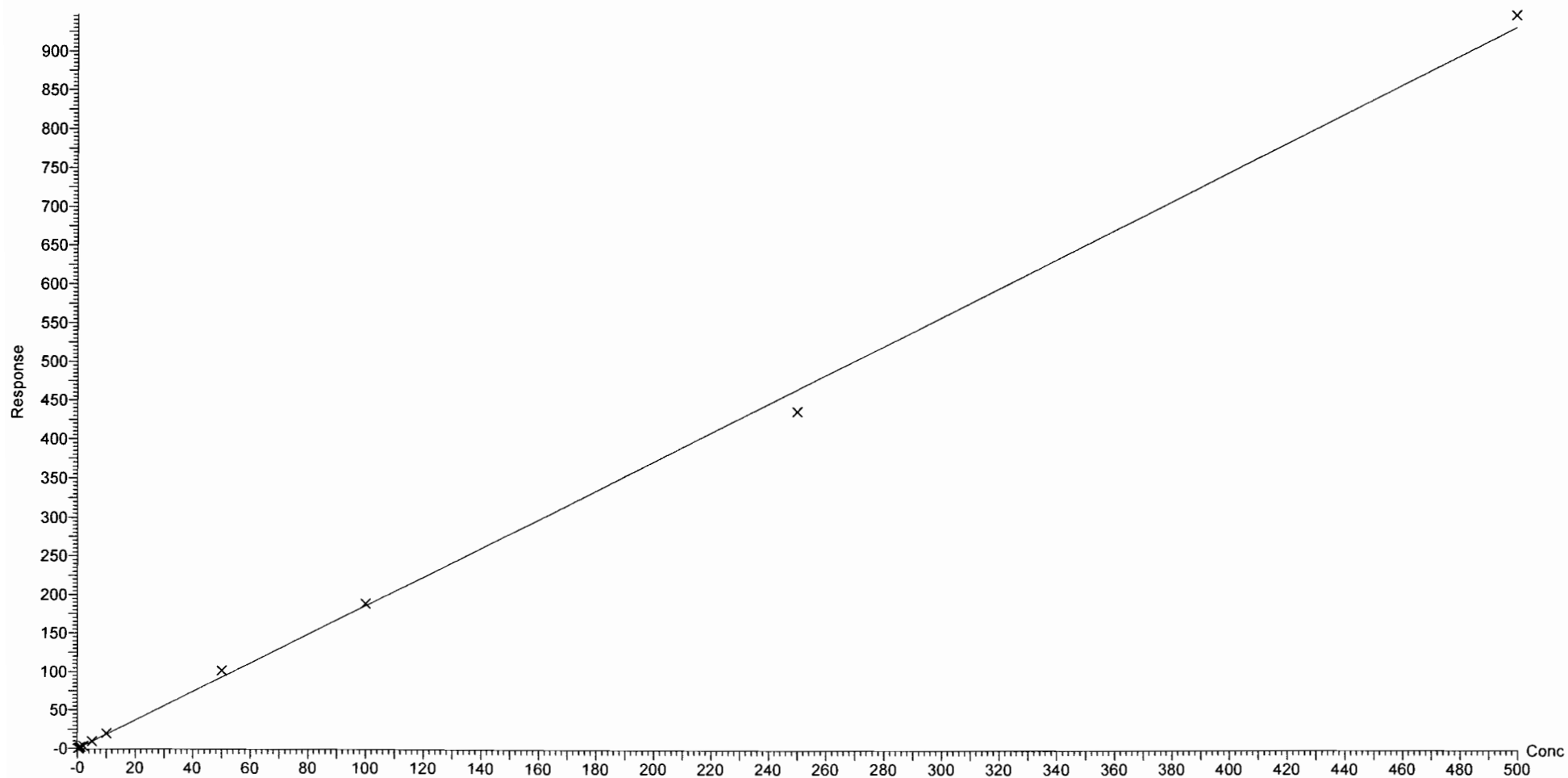
Compound name: L-PFHxS

Correlation coefficient:  $r = 0.999120$ ,  $r^2 = 0.998241$

Calibration curve:  $1.86177 * x + 0.0122647$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

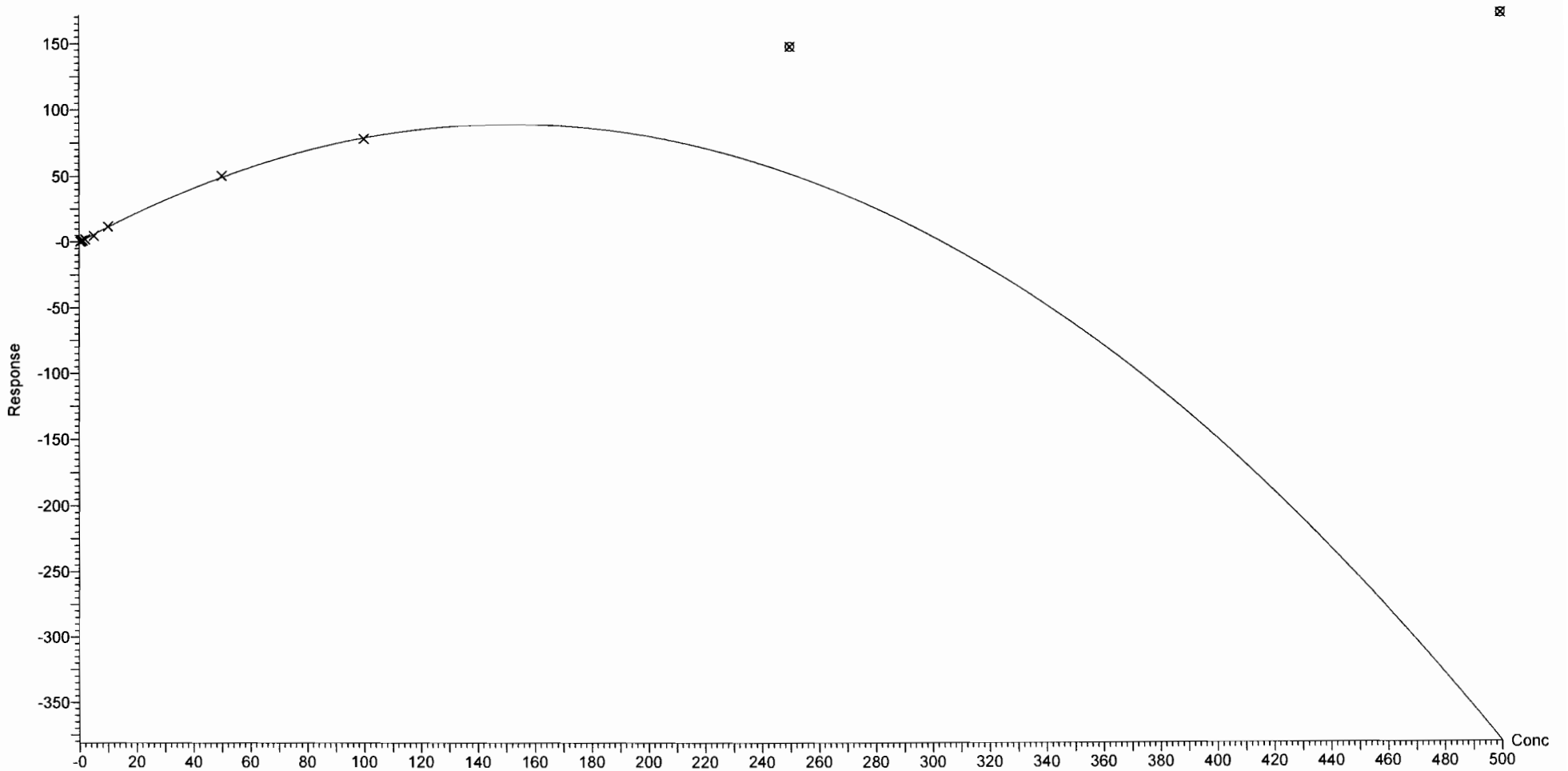
Compound name: 6:2 FTS

Coefficient of Determination:  $R^2 = 0.997415$

Calibration curve:  $-0.0038744 * x^2 + 1.17533 * x + -0.0531096$

Response type: Internal Std ( Ref 40 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None





Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

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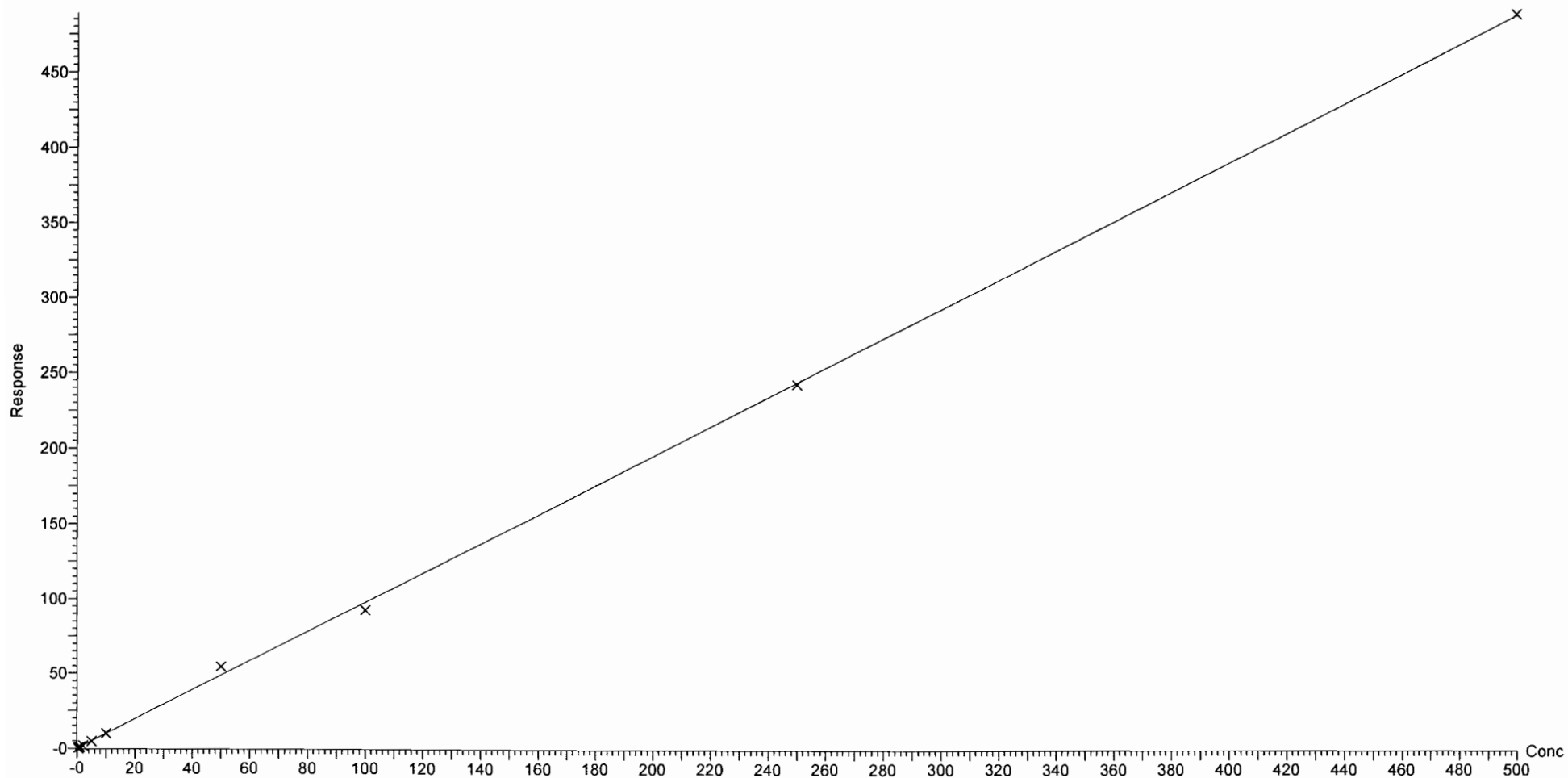
Compound name: L-PFOA

Coefficient of Determination:  $R^2 = 0.998799$

Calibration curve:  $-6.64326e-006 * x^2 + 0.97868 * x + 0.0282129$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

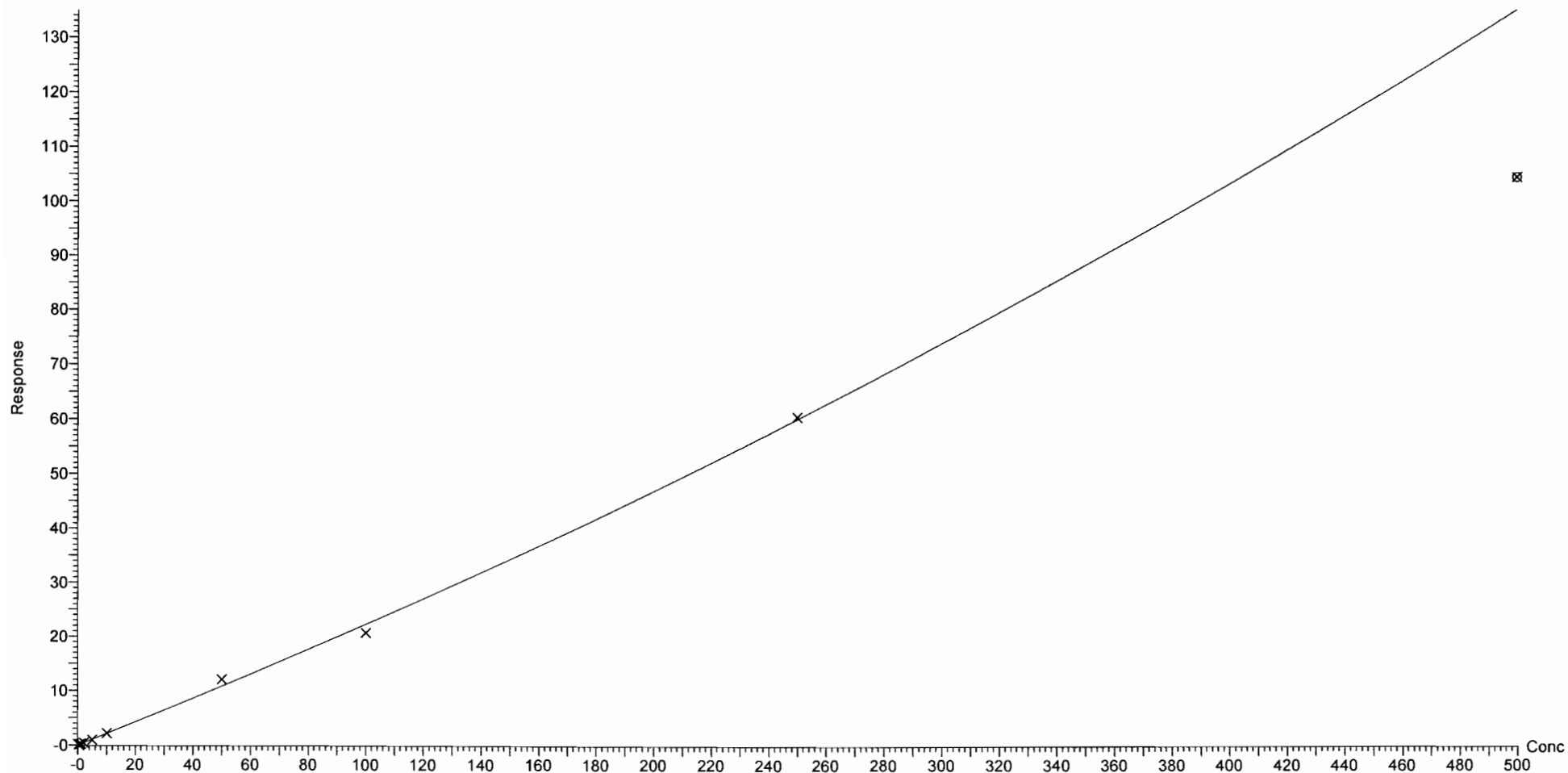
Compound name: PFHpS

Coefficient of Determination:  $R^2 = 0.997289$

Calibration curve:  $0.000117595 * x^2 + 0.210936 * x + -0.00291339$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

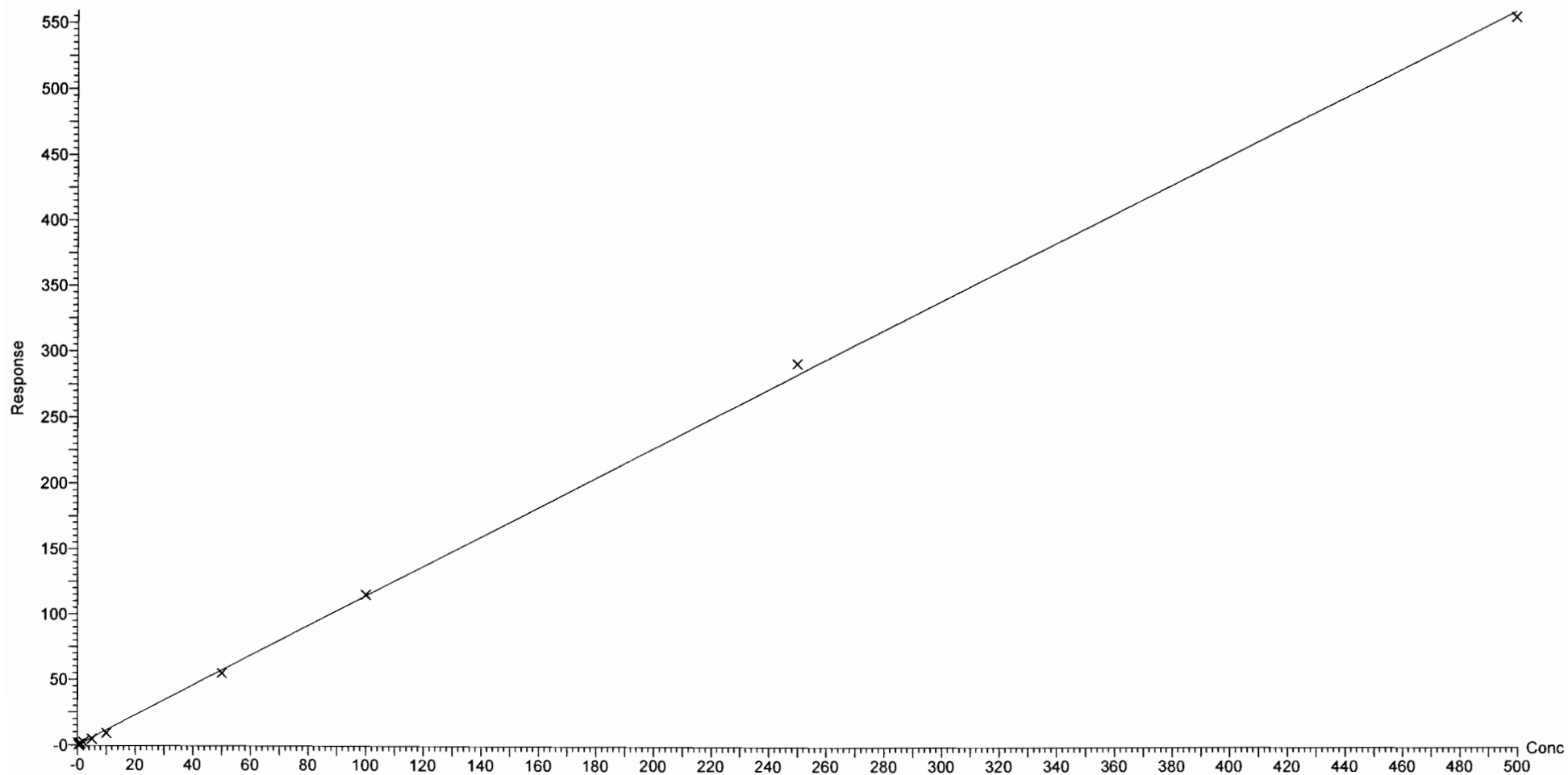
Compound name: PFNA

Coefficient of Determination:  $R^2 = 0.998954$

Calibration curve:  $-6.05658e-005 * x^2 + 1.14817 * x + 0.0122231$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

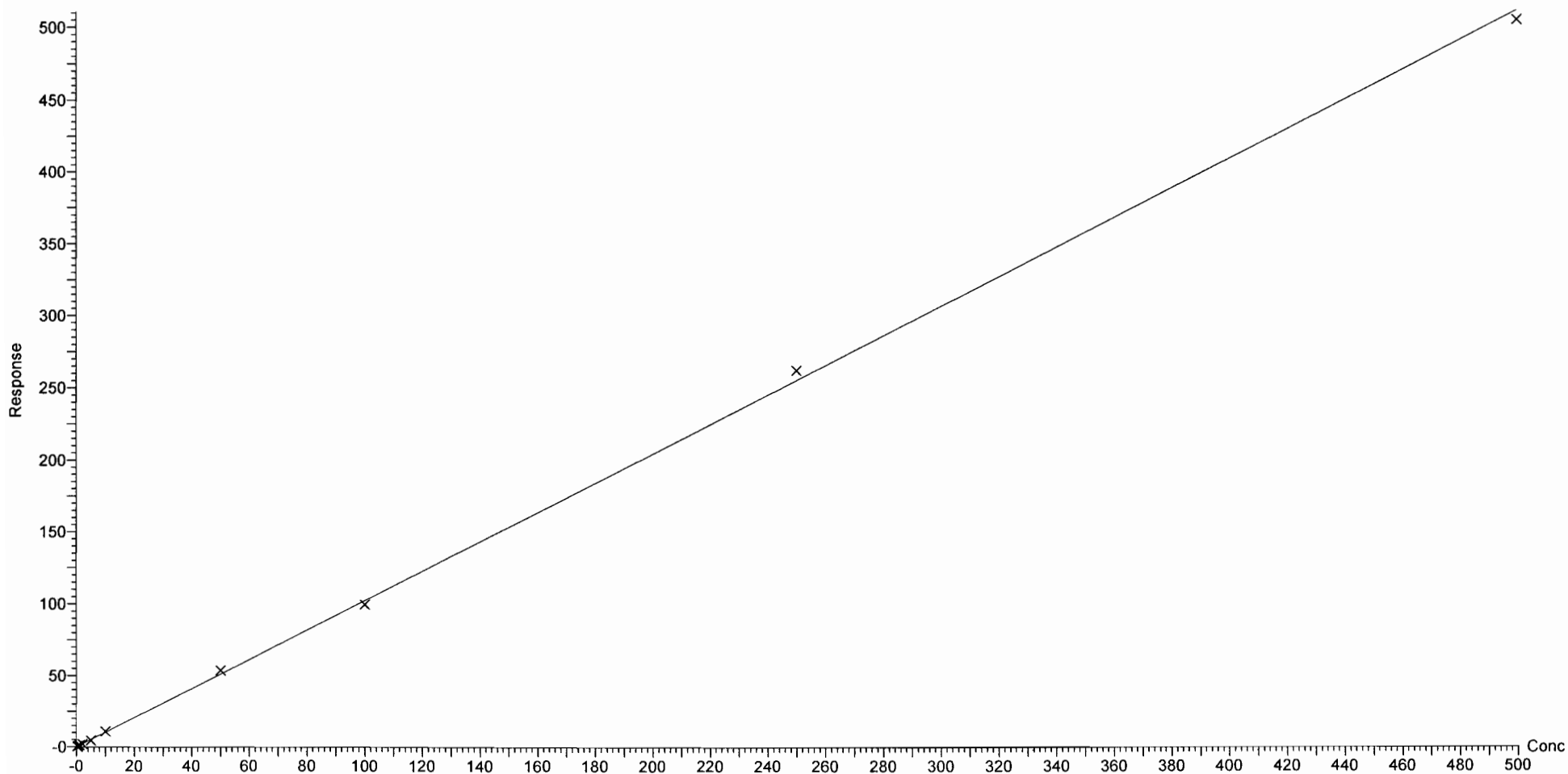
Compound name: PFOSA

Correlation coefficient:  $r = 0.999671$ ,  $r^2 = 0.999341$

Calibration curve:  $1.02136 * x + -0.0143673$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

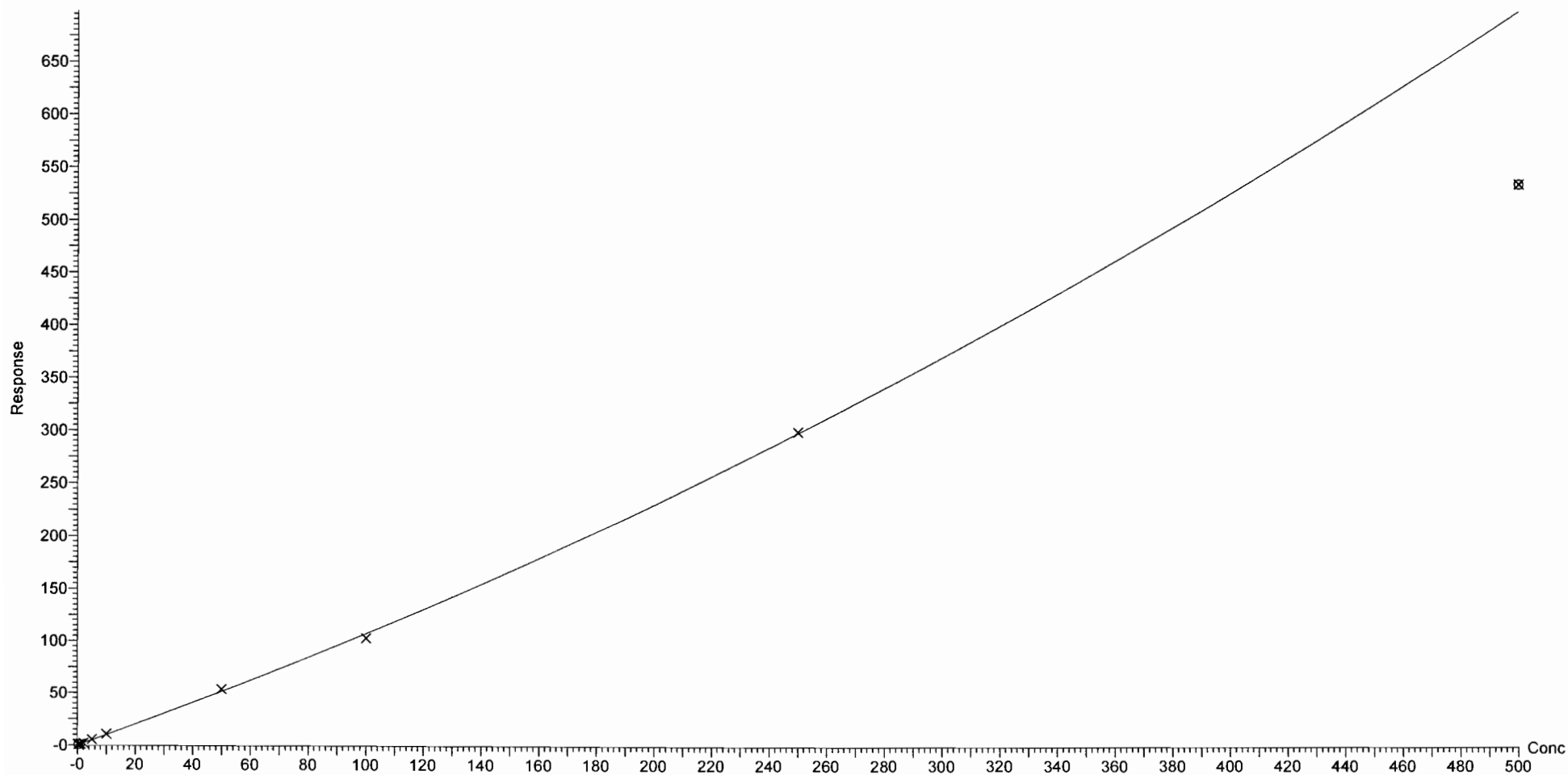
Compound name: L-PFOS

Coefficient of Determination:  $R^2 = 0.999312$

Calibration curve:  $0.000806799 * x^2 + 0.992229 * x + -0.0666355$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

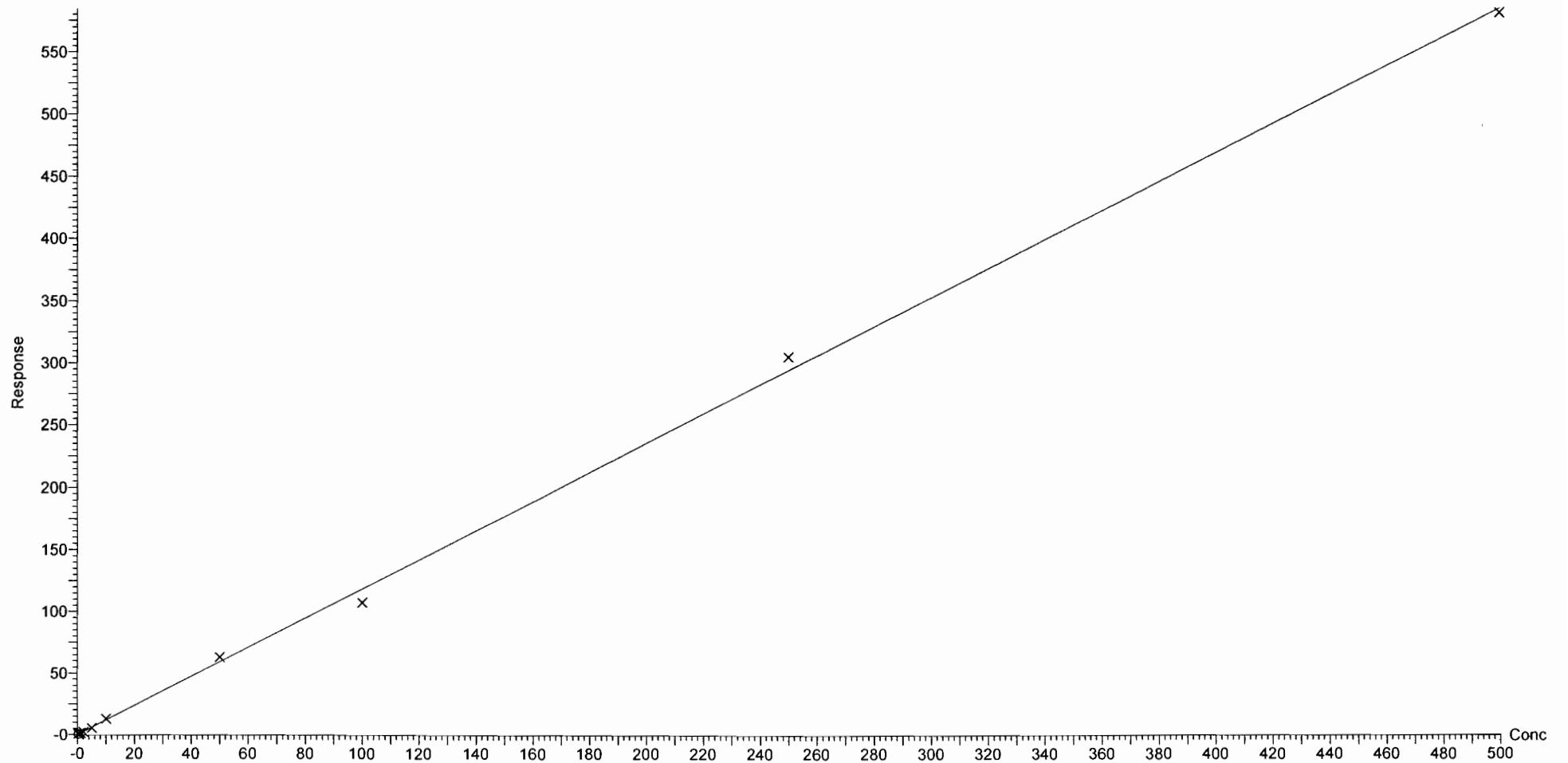
Compound name: PFDA

Coefficient of Determination:  $R^2 = 0.998147$

Calibration curve:  $-3.44313e-005 * x^2 + 1.18527 * x + 0.0718944$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

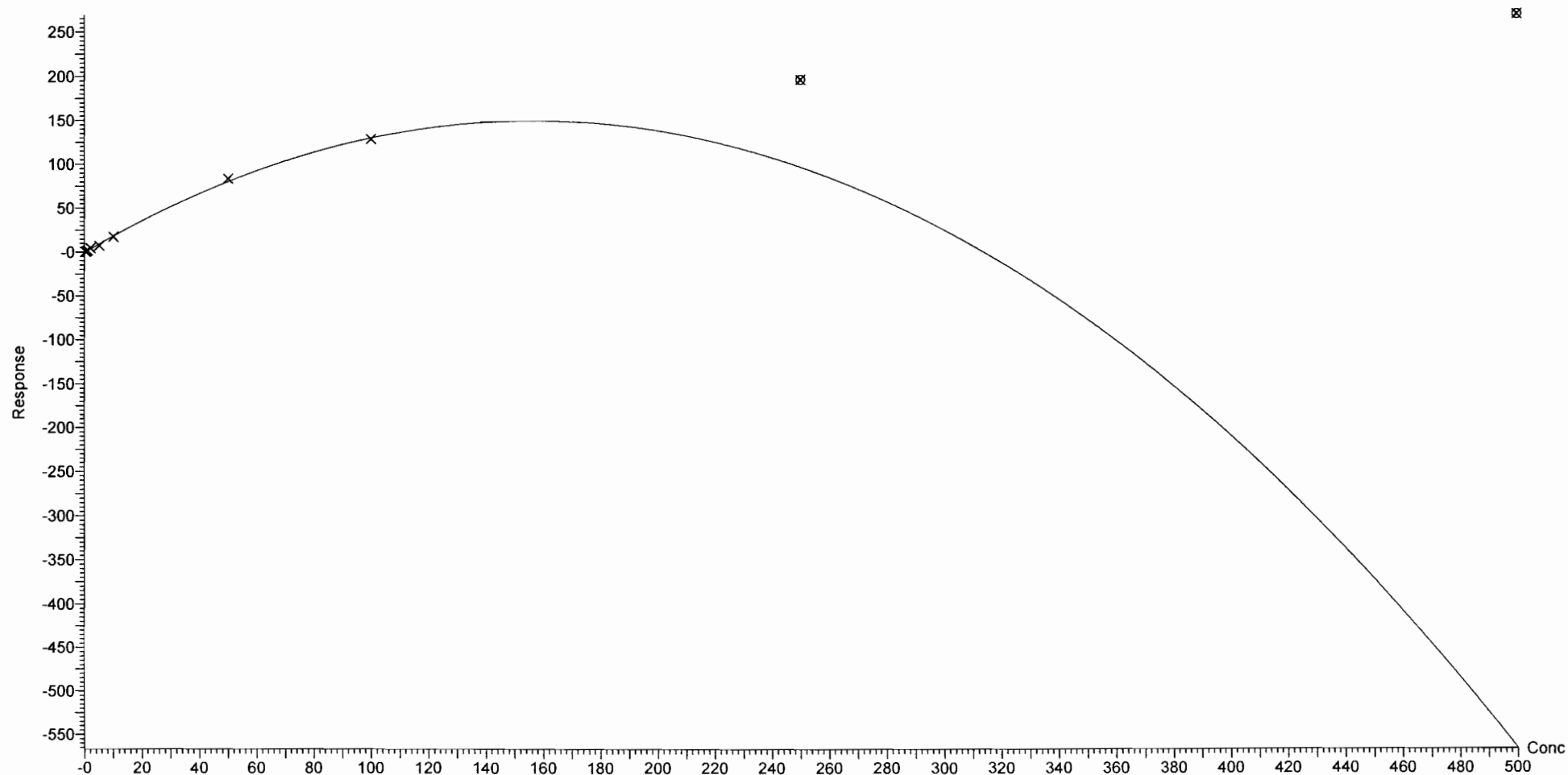
Compound name: 8:2 FTS

Coefficient of Determination:  $R^2 = 0.995390$

Calibration curve:  $-0.00608572 * x^2 + 1.91071 * x + 0.0197452$

Response type: Internal Std ( Ref 46 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

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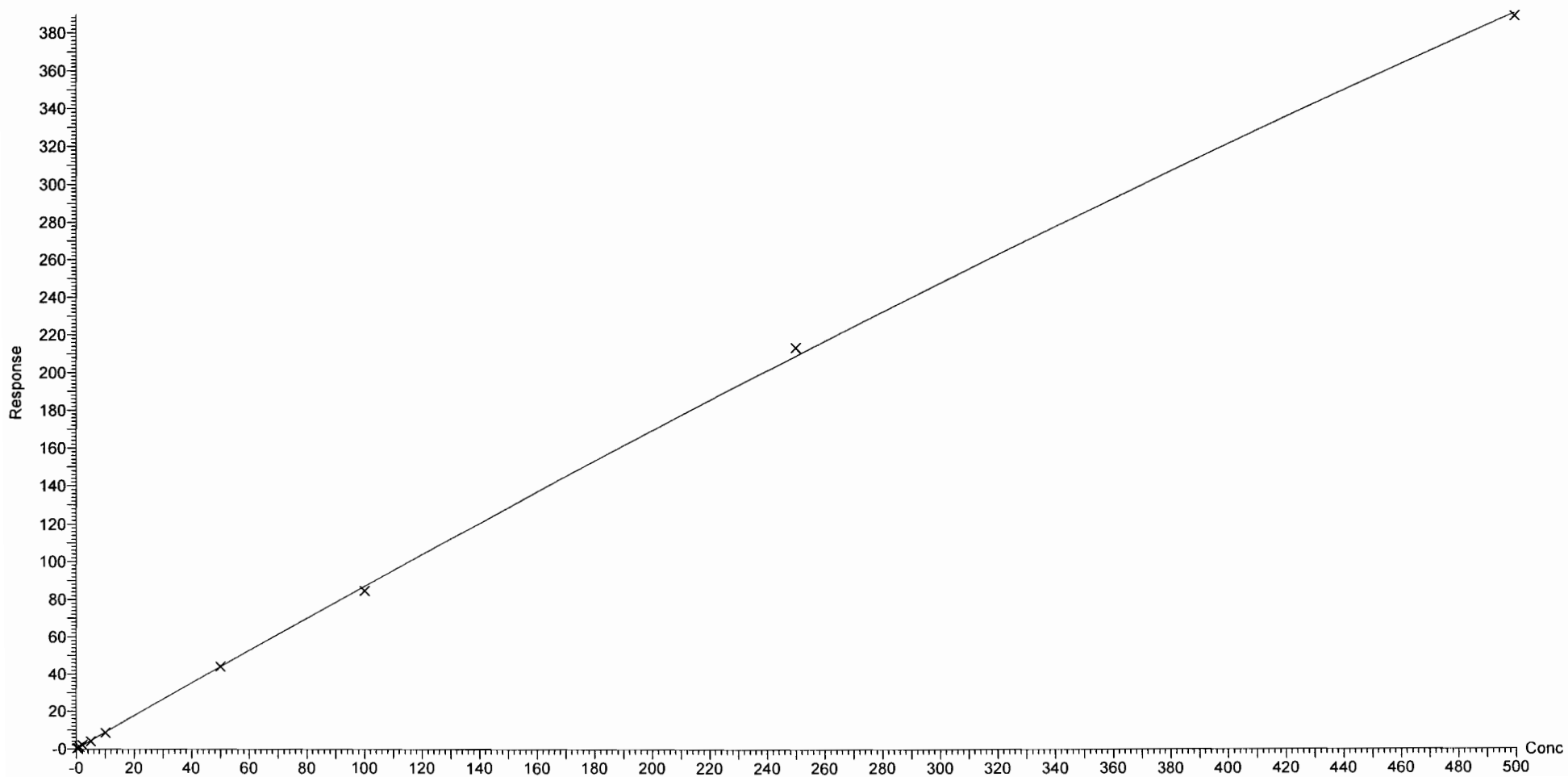
Compound name: PFNS

Coefficient of Determination:  $R^2 = 0.999615$

Calibration curve:  $-0.000226962 * x^2 + 0.892764 * x + -0.0424765$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

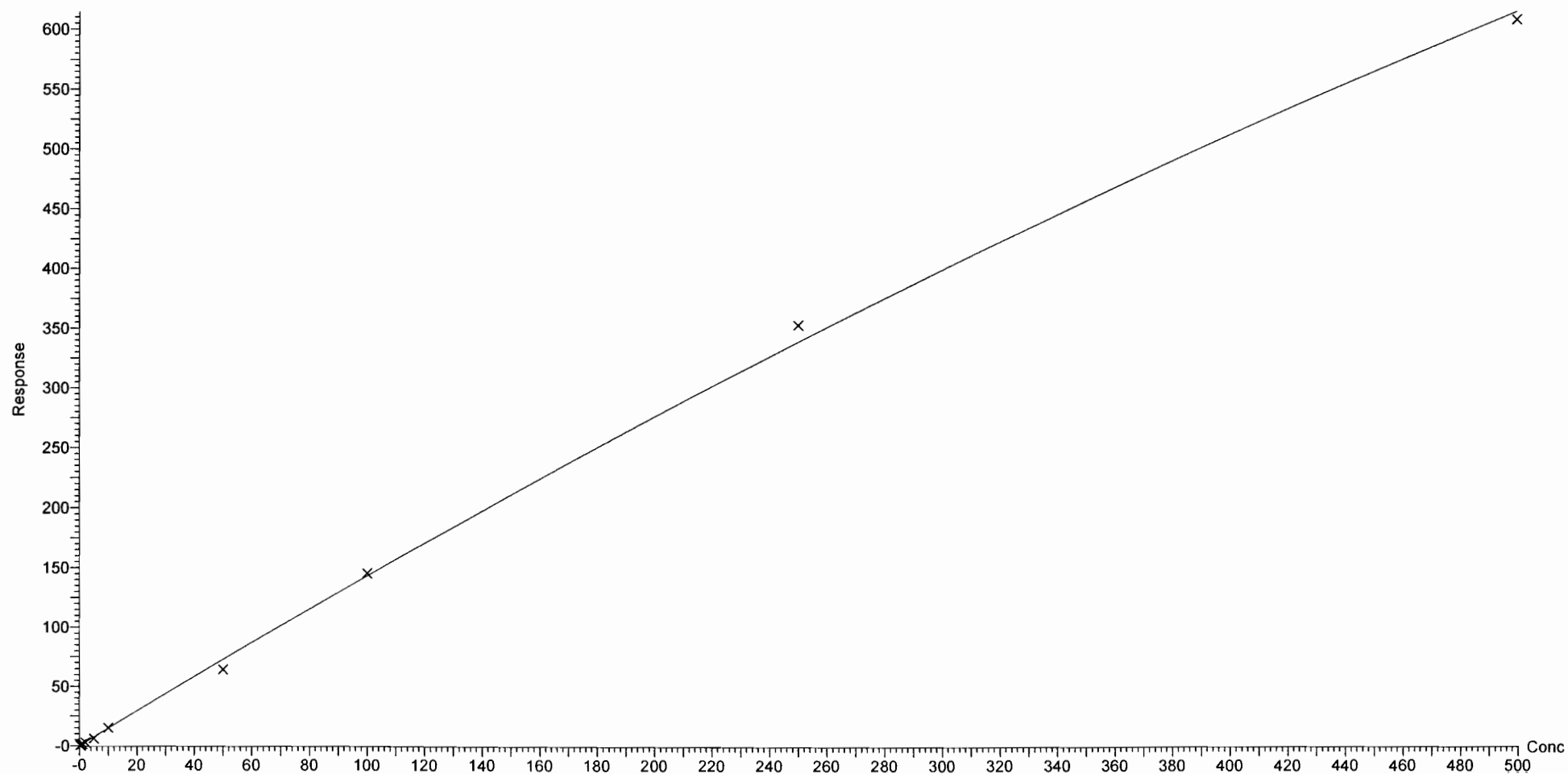
Compound name: N-MeFOSAA

Coefficient of Determination:  $R^2 = 0.998179$

Calibration curve:  $-0.00051631 * x^2 + 1.48683 * x + -0.0971552$

Response type: Internal Std ( Ref 47 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

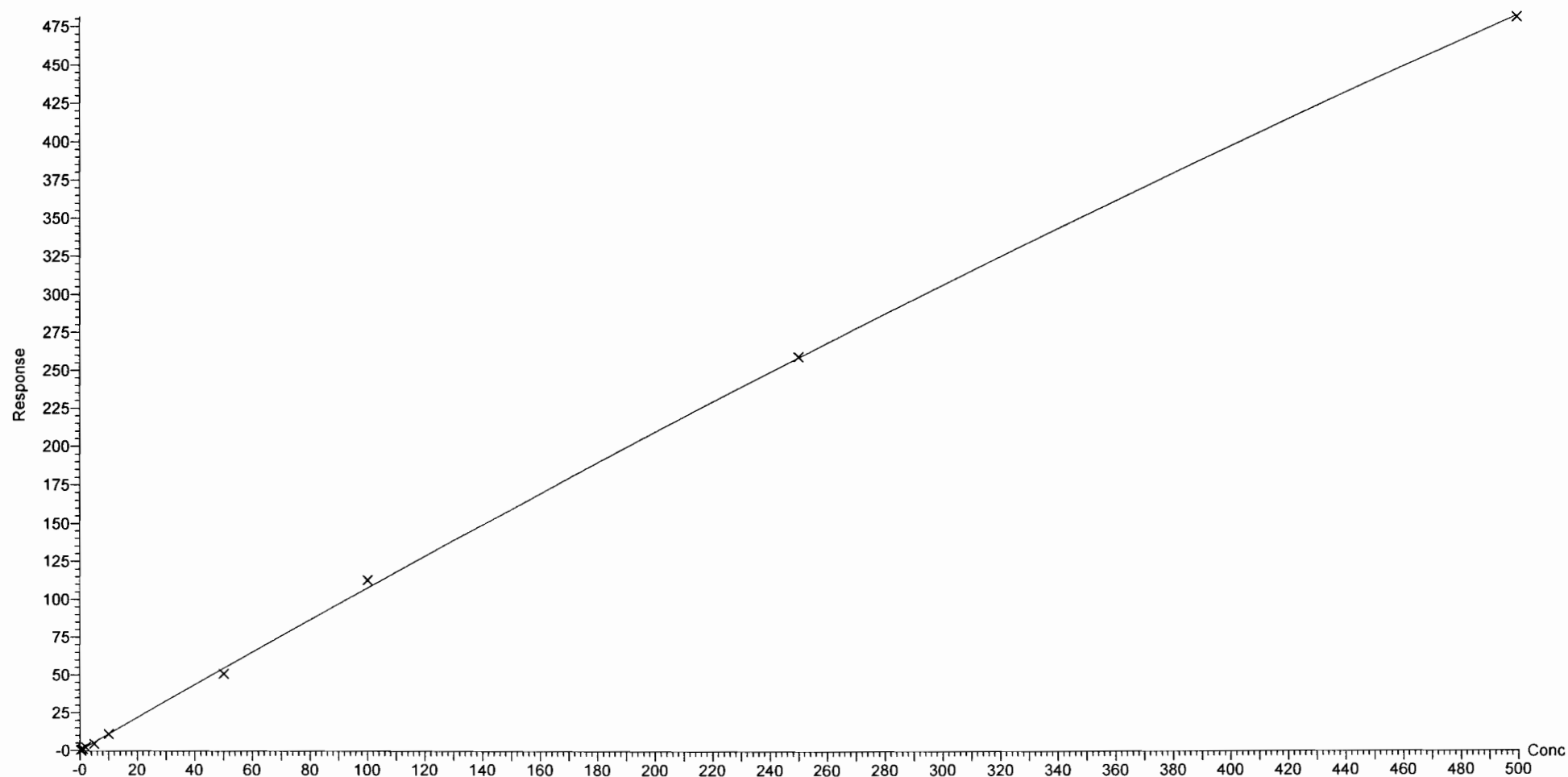


Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

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Compound name: N-EtFOSAA  
Coefficient of Determination:  $R^2 = 0.999085$   
Calibration curve:  $-0.000286972 * x^2 + 1.10604 * x + -0.0490702$   
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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

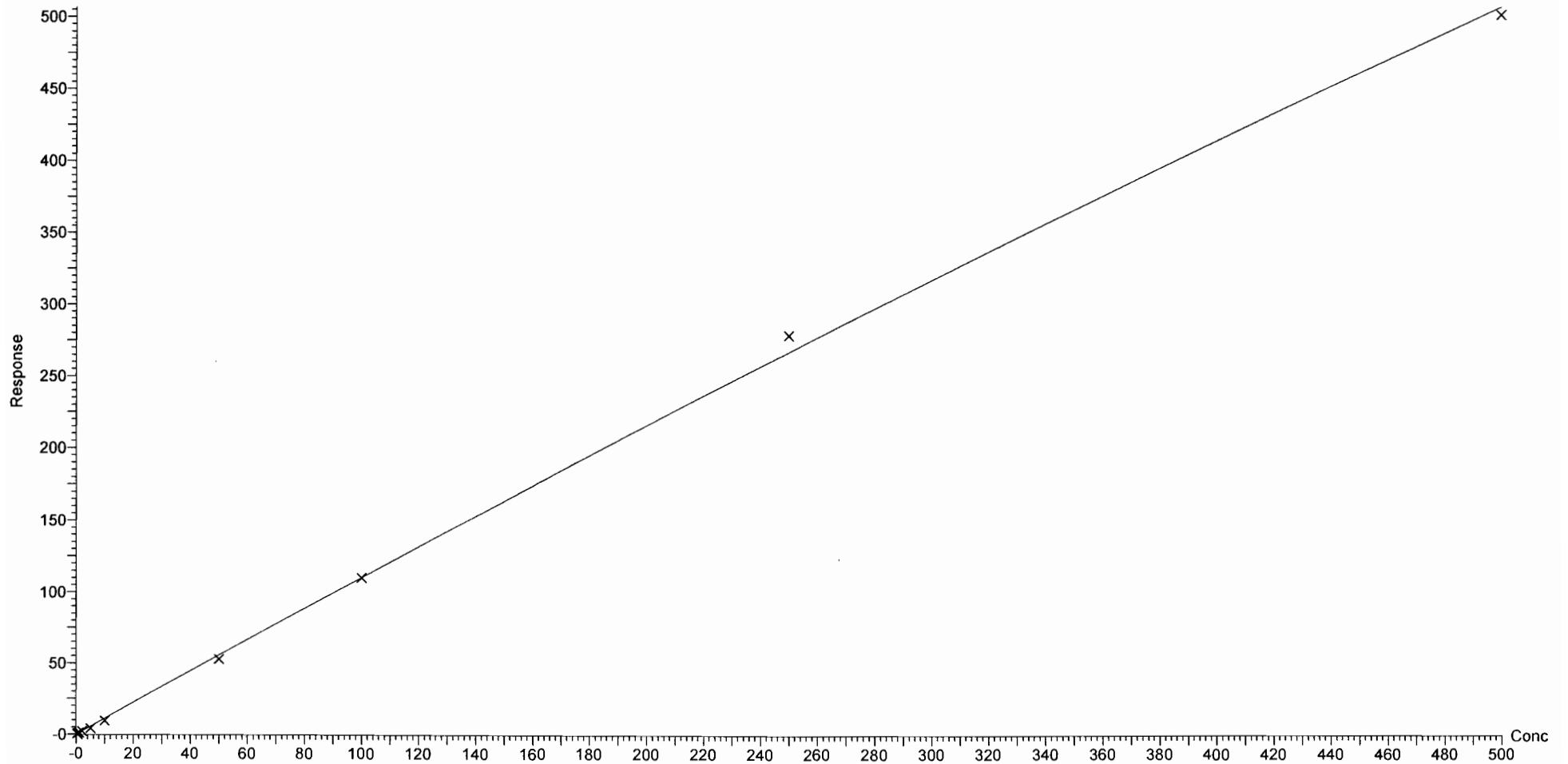
Compound name: PFUdA

Coefficient of Determination:  $R^2 = 0.998365$

Calibration curve:  $-0.000224779 * x^2 + 1.12547 * x + -0.0654128$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

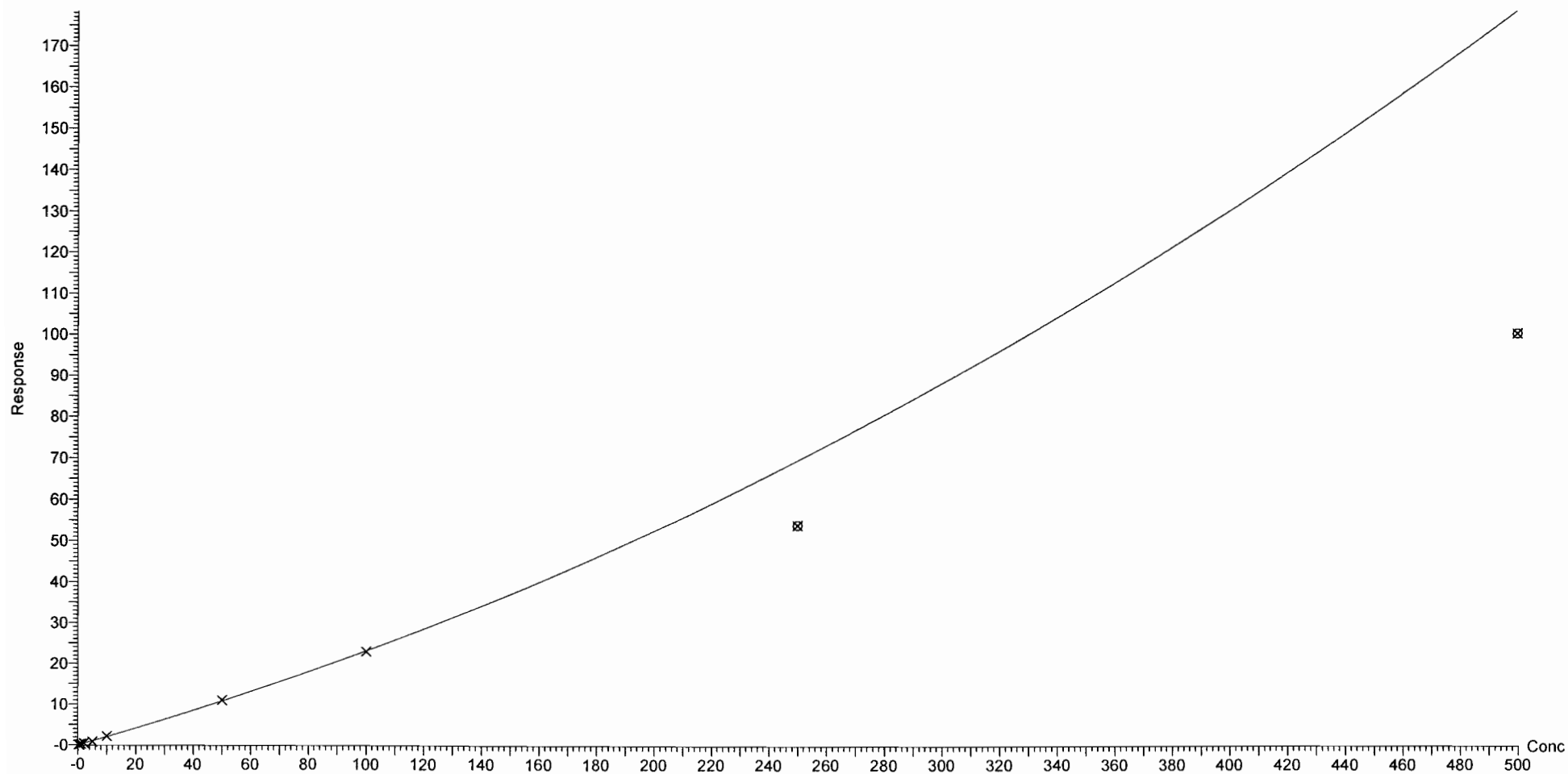
Compound name: PFDS

Coefficient of Determination:  $R^2 = 0.998918$

Calibration curve:  $0.000313491 * x^2 + 0.199816 * x + 0.0152315$

Response type: Internal Std ( Ref 49 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

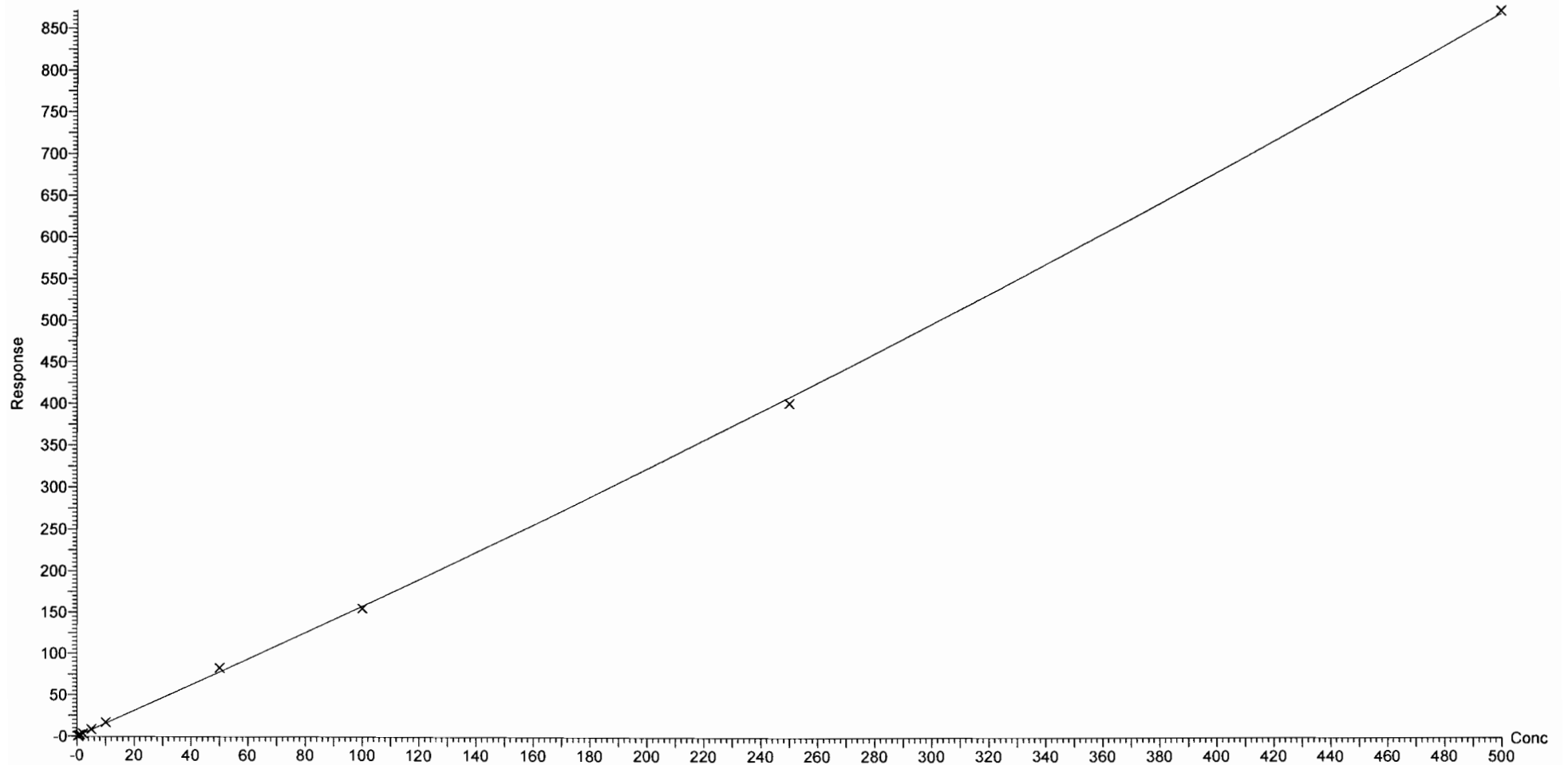


Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

Compound name: PFDoA  
Coefficient of Determination:  $R^2 = 0.999618$   
Calibration curve:  $0.000401717 * x^2 + 1.53405 * x + 0.209081$   
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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

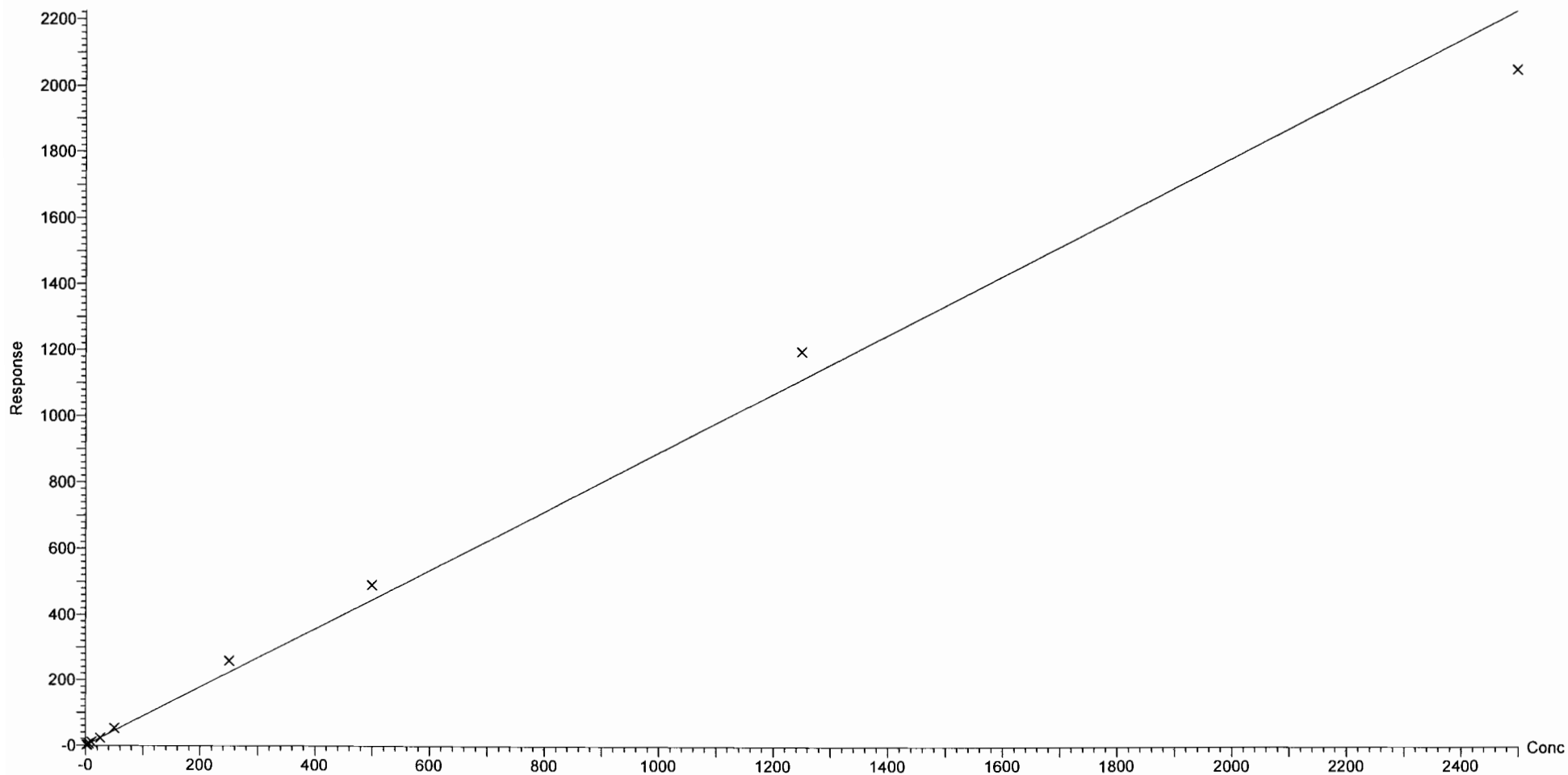
Compound name: N-MeFOSA

Correlation coefficient:  $r = 0.996032$ ,  $r^2 = 0.992079$

Calibration curve:  $0.889615 * x + 0.484402$

Response type: Internal Std ( Ref 51 ), Area \* ( IS Conc. / IS Area )

Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

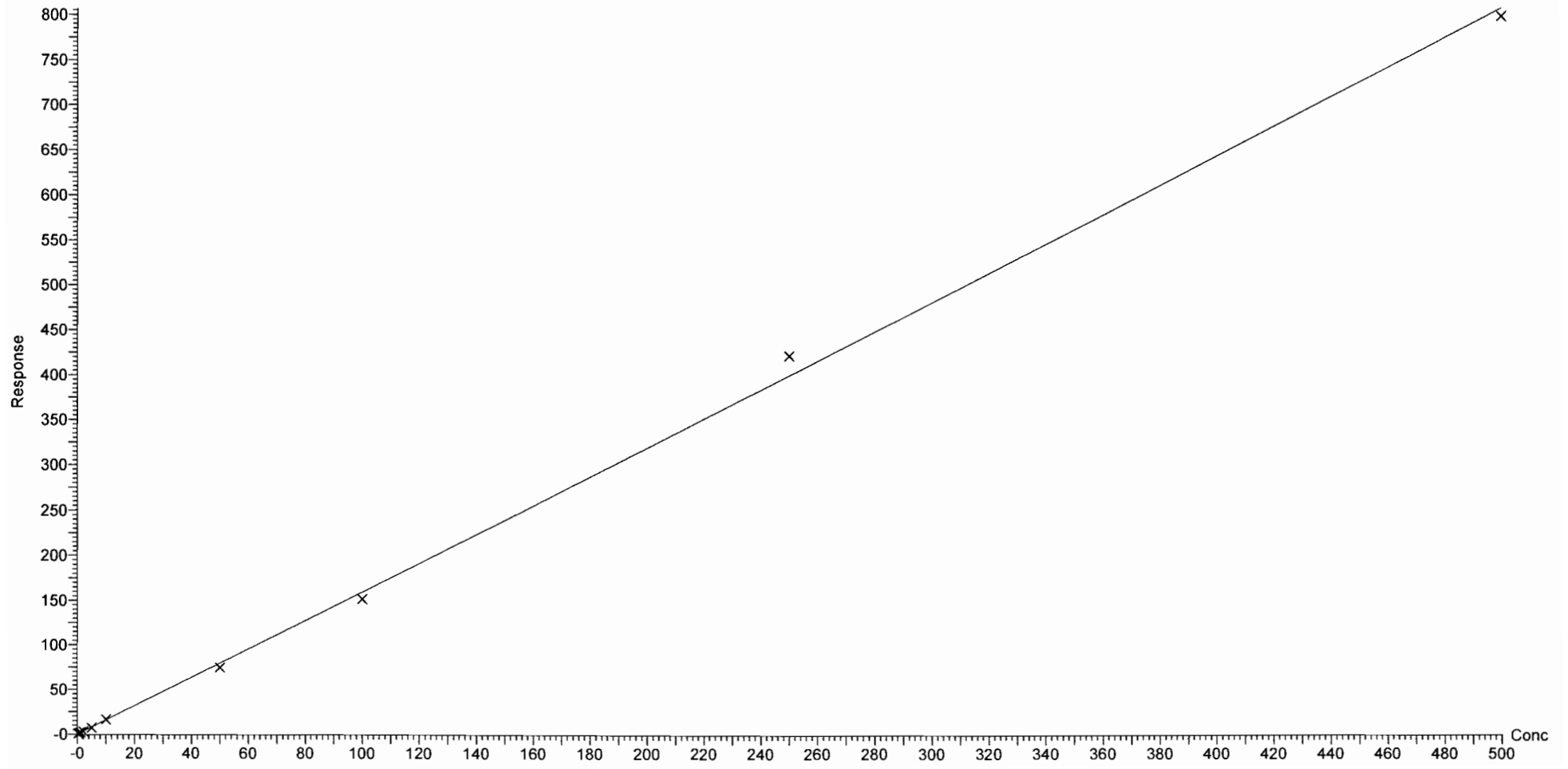


Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

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Compound name: PFTrDA  
Coefficient of Determination:  $R^2 = 0.998497$   
Calibration curve:  $5.02644e-005 * x^2 + 1.58753 * x + 0.0929056$   
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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

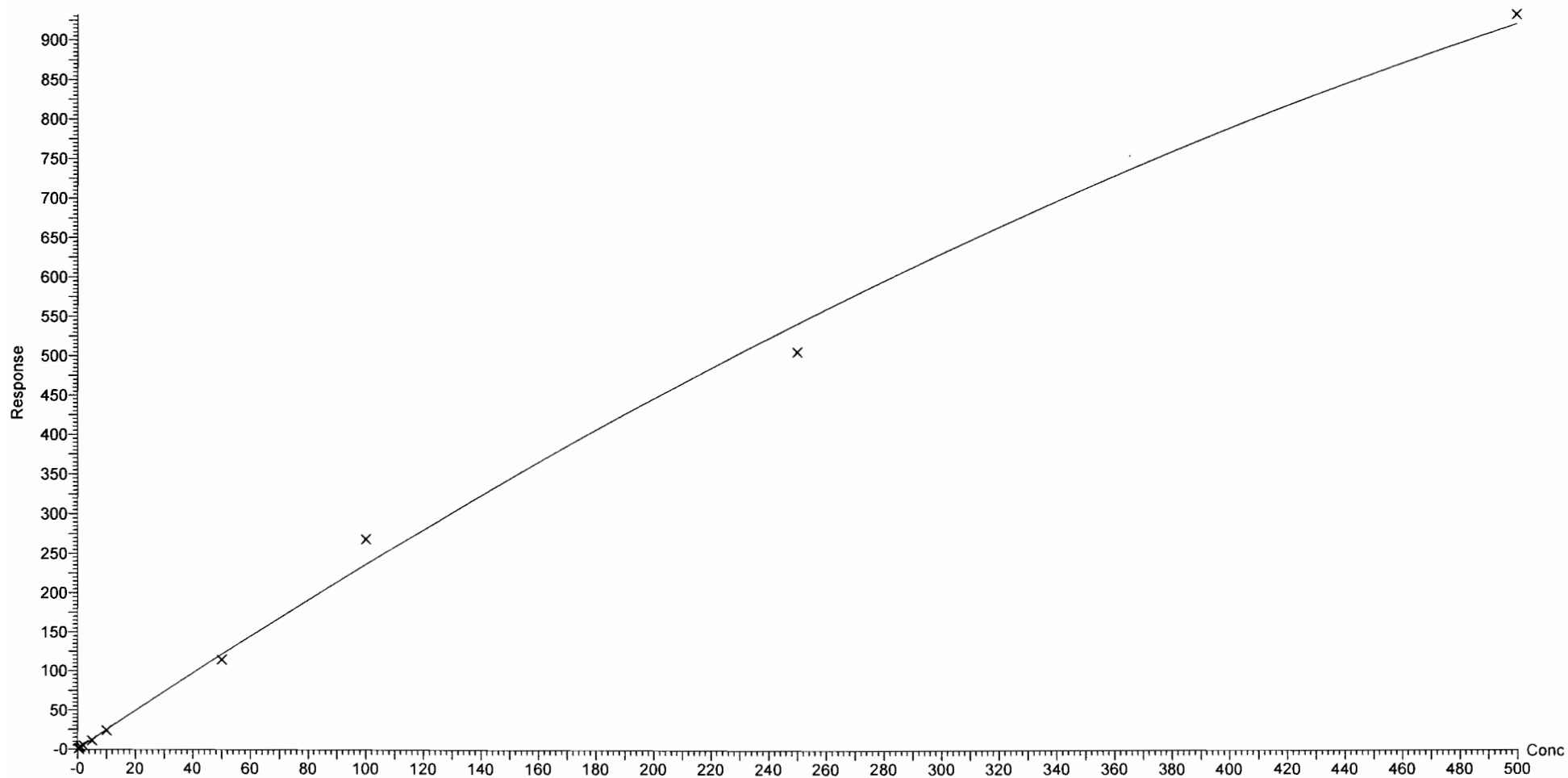
Compound name: PFTeDA

Coefficient of Determination:  $R^2 = 0.995373$

Calibration curve:  $-0.00130941 * x^2 + 2.49421 * x + -0.0487896$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

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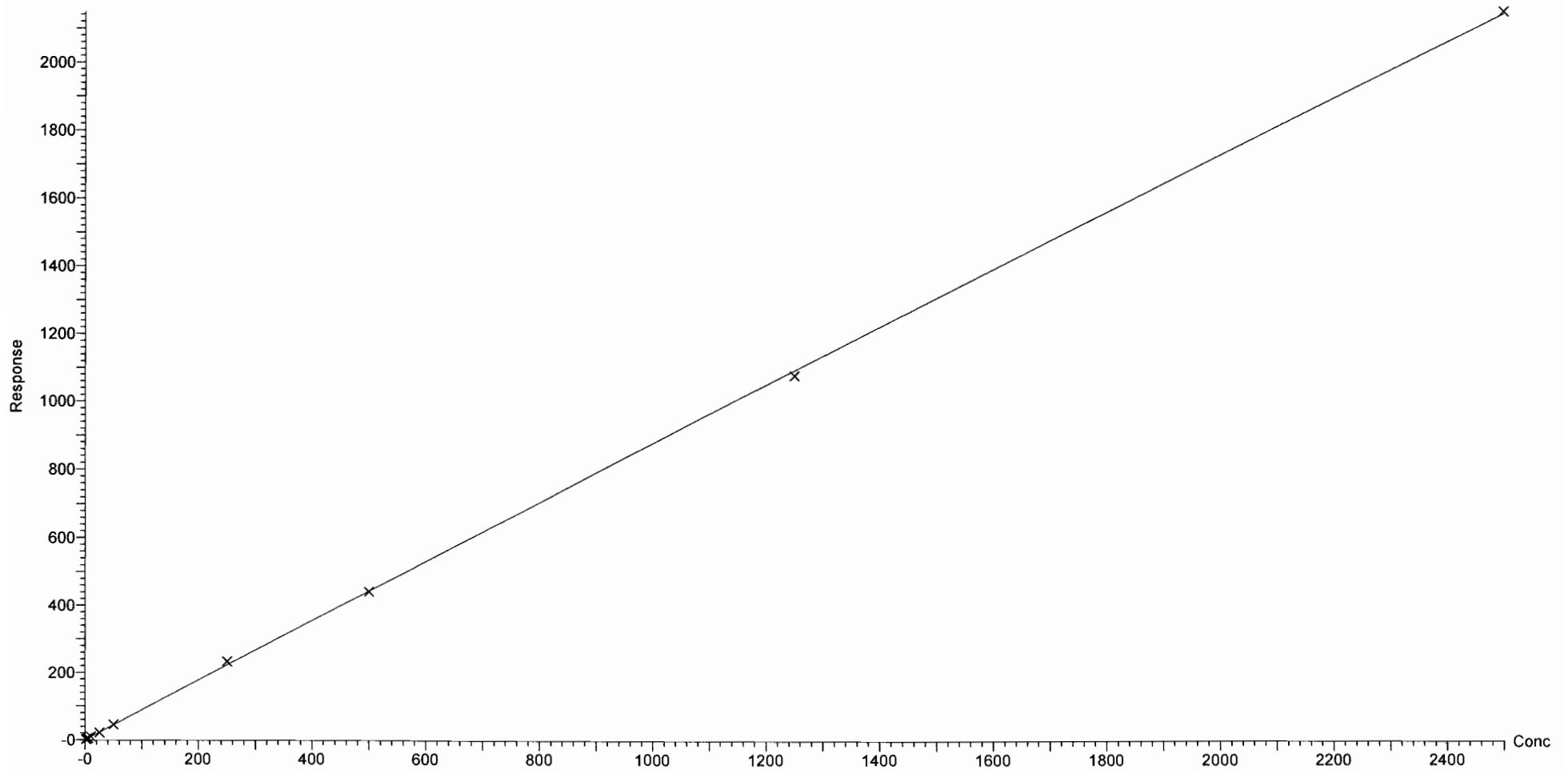
Compound name: N-EtFOSA

Coefficient of Determination:  $R^2 = 0.999740$

Calibration curve:  $-1.49288e-005 * x^2 + 0.893704 * x + 0.163911$

Response type: Internal Std ( Ref 53 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

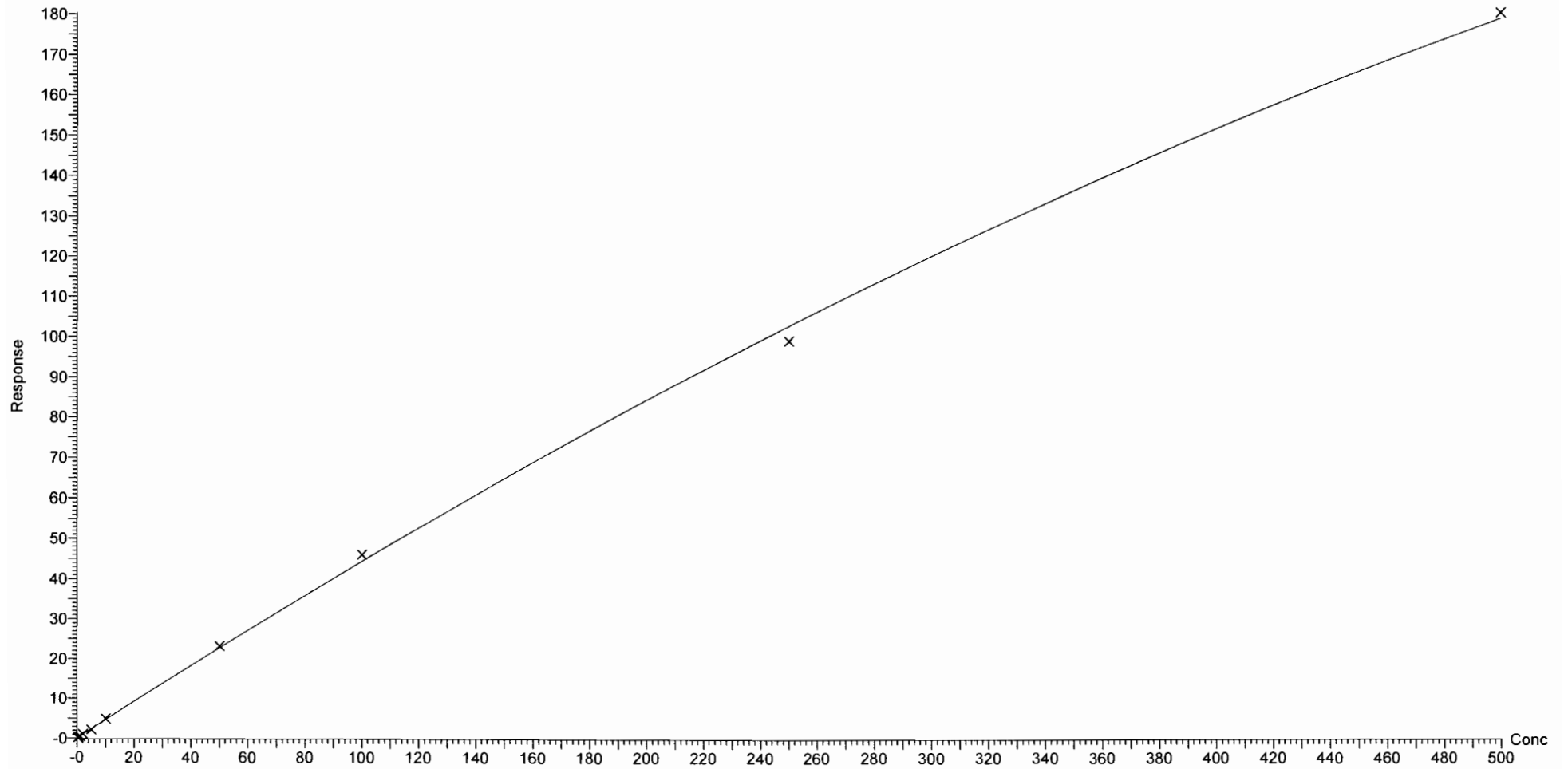


Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

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Compound name: PFHxDA  
Coefficient of Determination:  $R^2 = 0.999217$   
Calibration curve:  $-0.000214215 * x^2 + 0.464667 * x + 0.0664171$   
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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

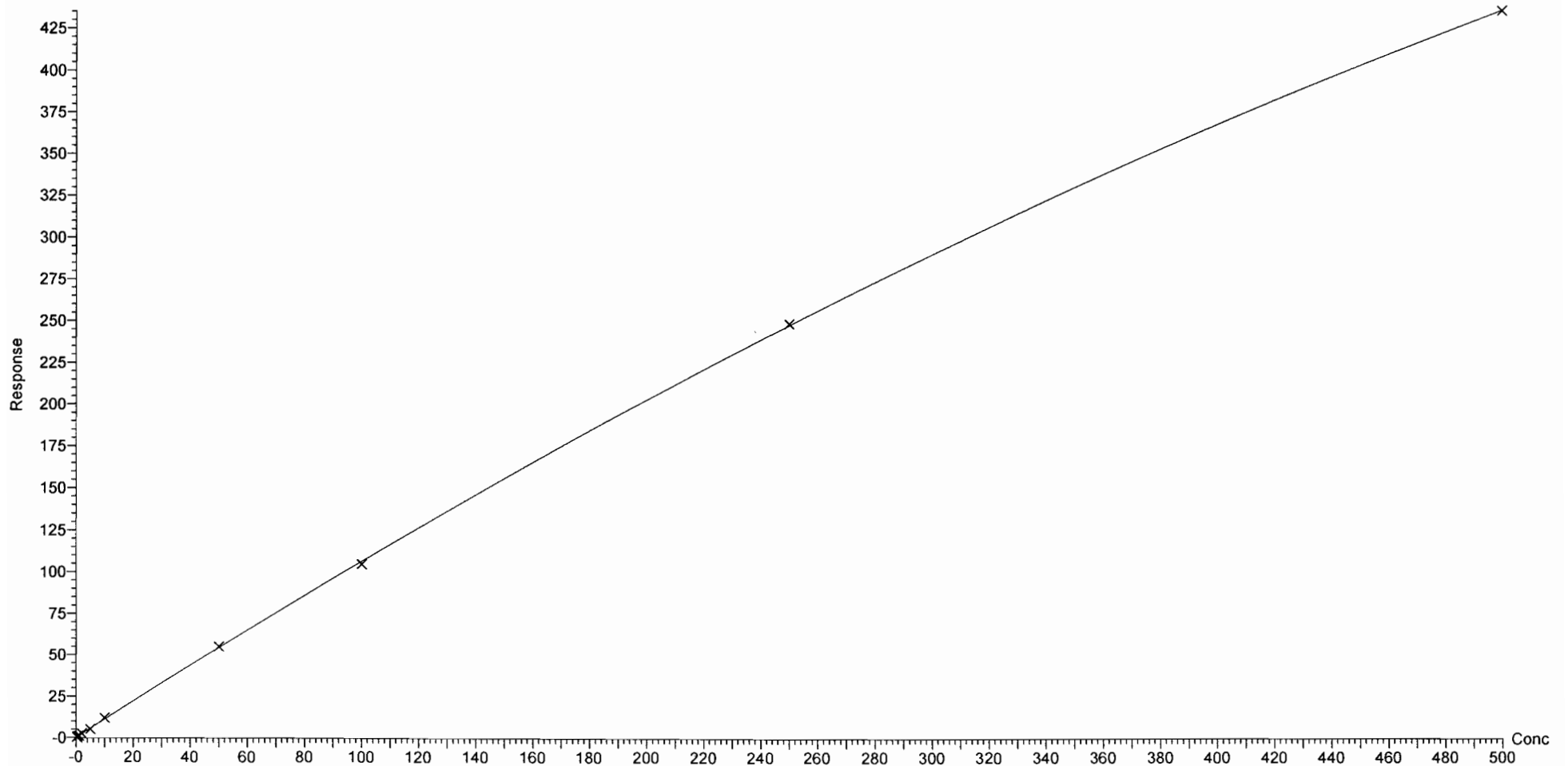
Compound name: PFODA

Coefficient of Determination:  $R^2 = 0.999790$

Calibration curve:  $-0.000483474 * x^2 + 1.11219 * x + 0.0533636$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

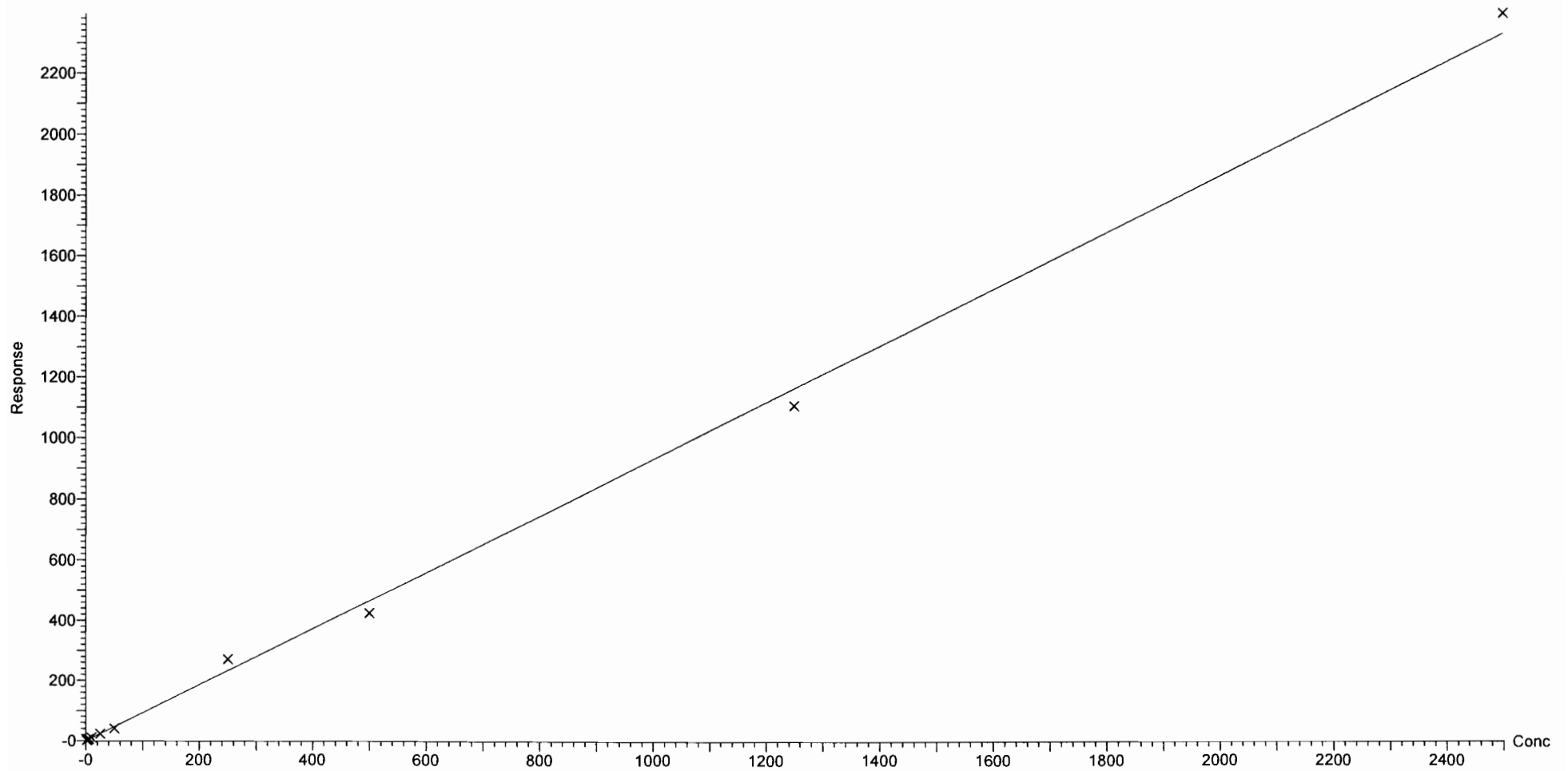
Compound name: N-MeFOSE

Correlation coefficient:  $r = 0.998150$ ,  $r^2 = 0.996303$

Calibration curve:  $0.931243 * x + -0.26682$

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\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:36:22 Pacific Daylight Time

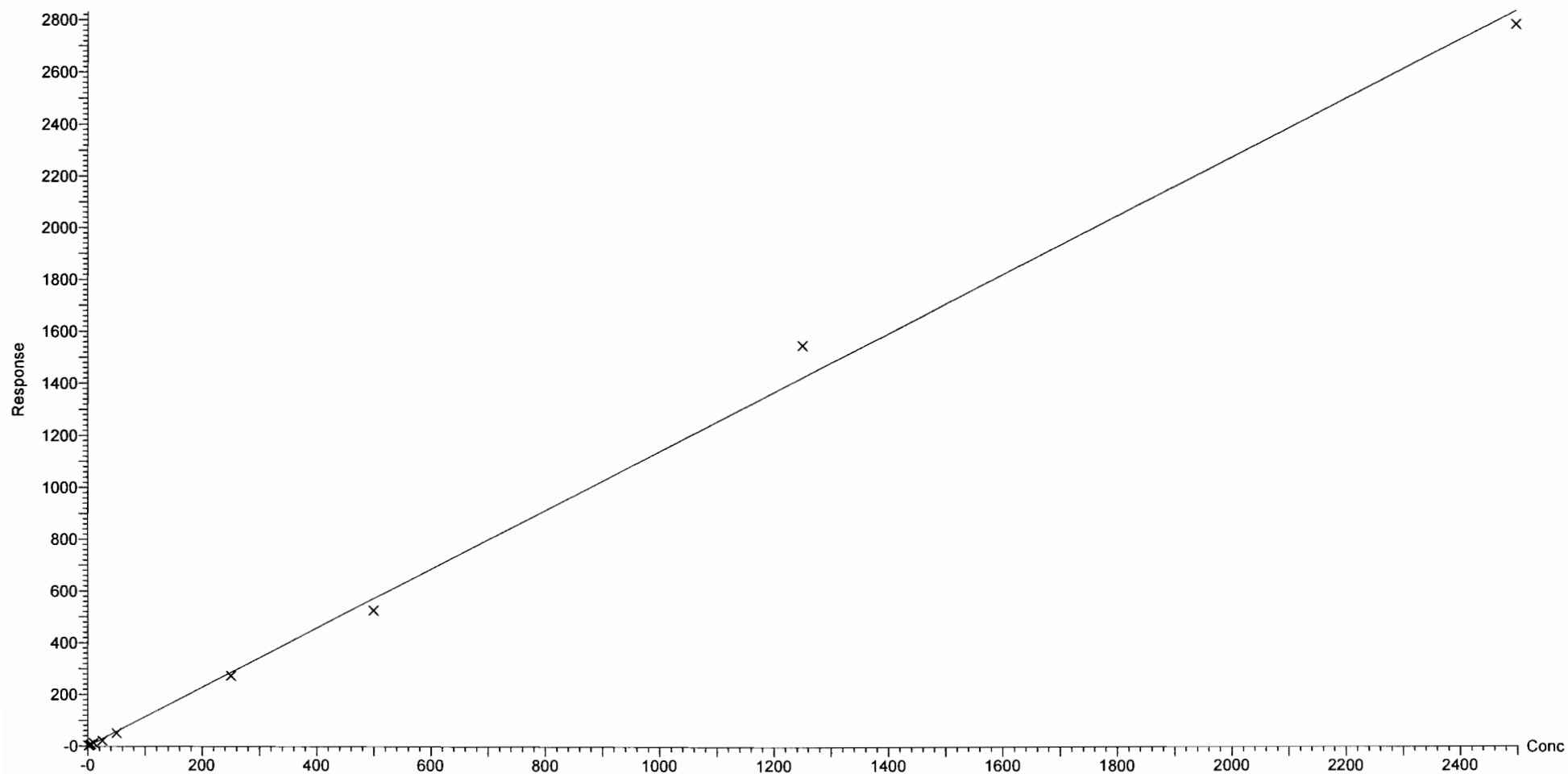
Compound name: N-EtFOSE

Coefficient of Determination:  $R^2 = 0.996283$

Calibration curve:  $-5.68208e-006 * x^2 + 1.14654 * x + -0.21115$

Response type: Internal Std ( Ref 56 ), Area \* ( IS Conc. / IS Area )

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

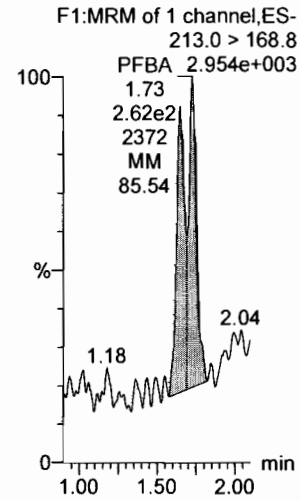
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

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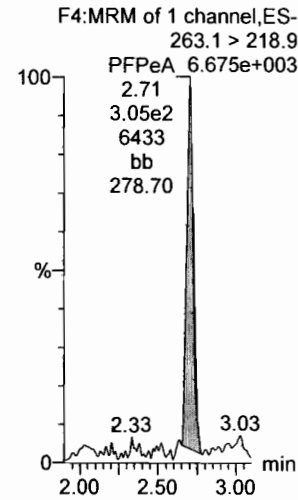
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180315M1\_2, Date: 15-Mar-2018, Time: 20:57:09, ID: ST180315M1-1 PFC CS-2 18C1203, Description: PFC CS-2 18C1203

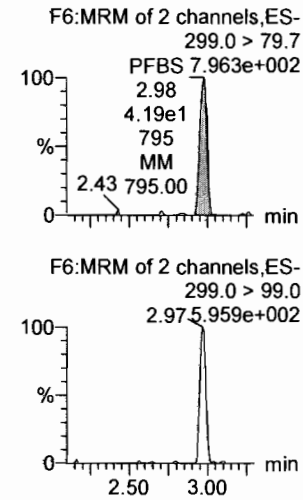
**PFBA**



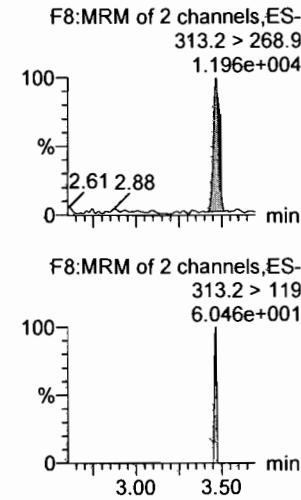
**PFPeA**



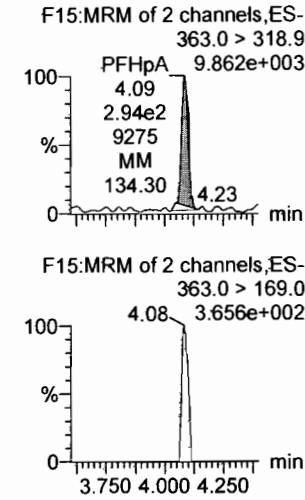
**PFBS**



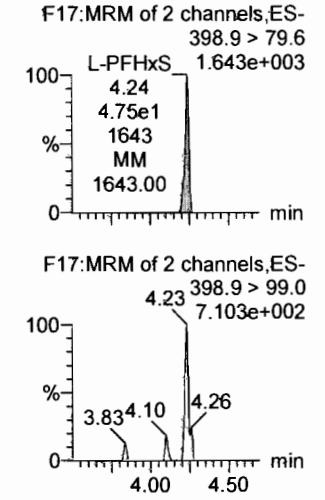
**PFHxA**



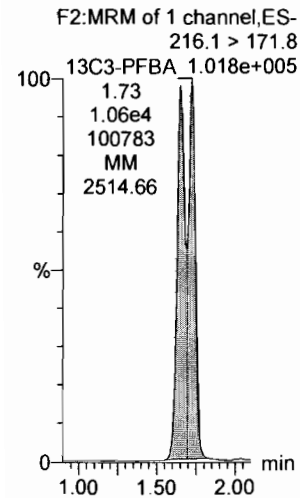
**PFHpA**



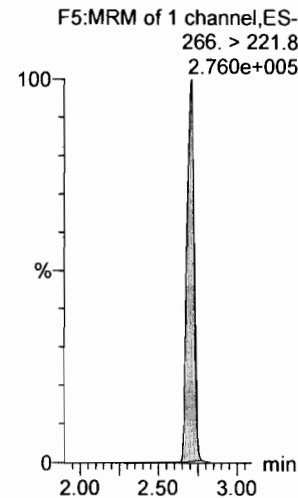
**L-PFHxS**



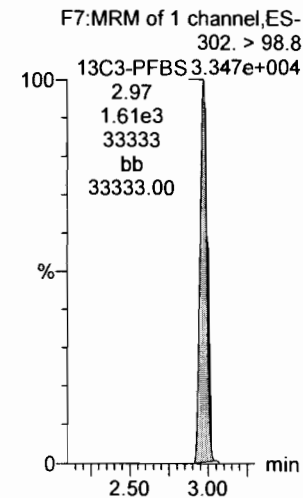
**13C3-PFBA**



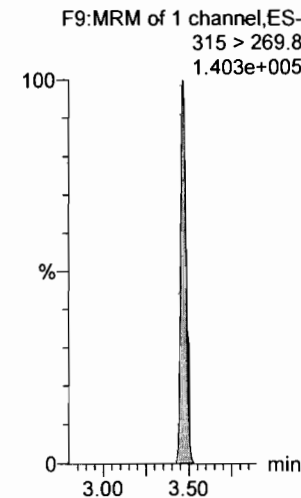
**13C3-PFPeA**



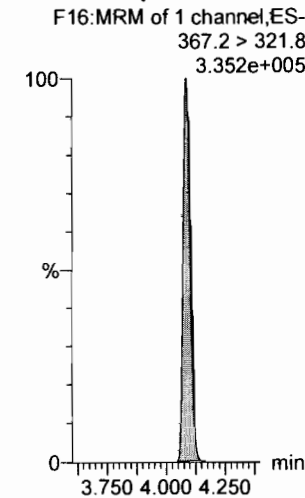
**13C3-PFBS**



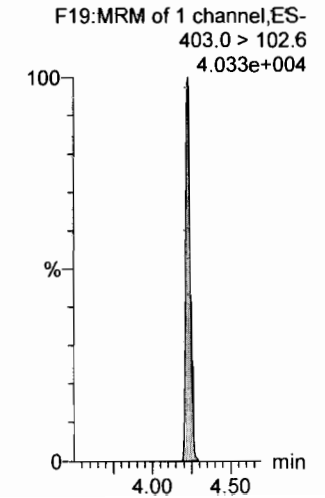
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



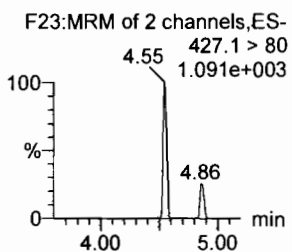
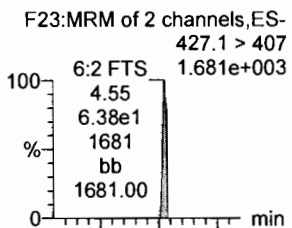
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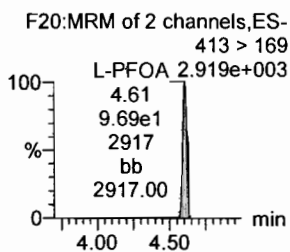
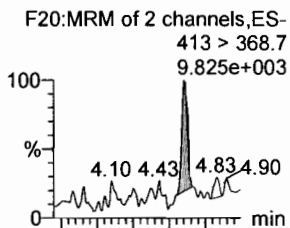
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_2, Date: 15-Mar-2018, Time: 20:57:09, ID: ST180315M1-1 PFC CS-2 18C1203, Description: PFC CS-2 18C1203

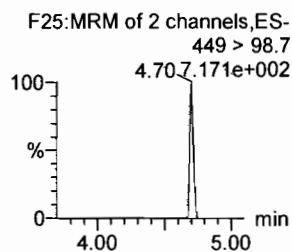
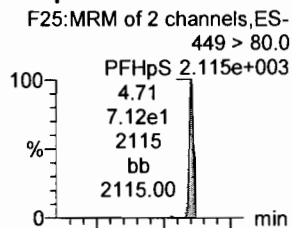
**6:2 FTS**



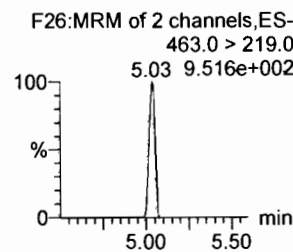
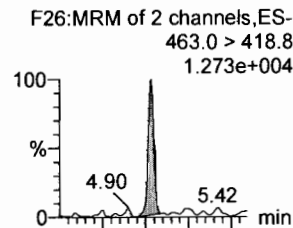
**L-PFOA**



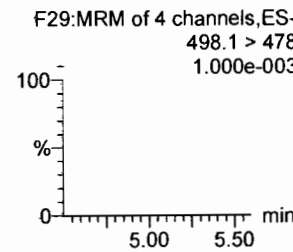
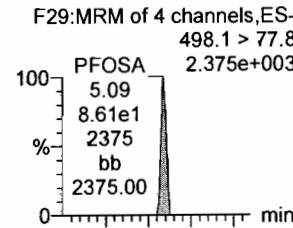
**PFHpS**



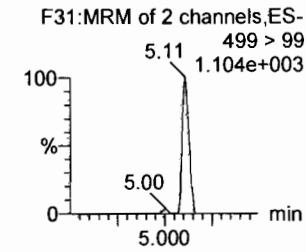
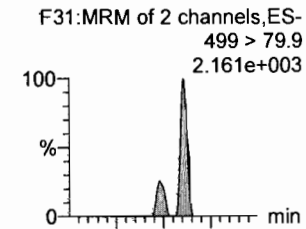
**PFNA**



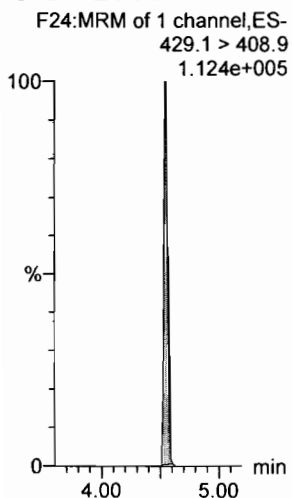
**PFOSA**



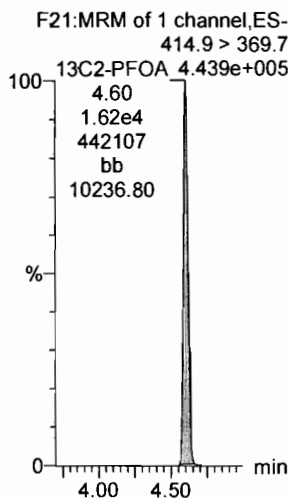
**L-PFOS**



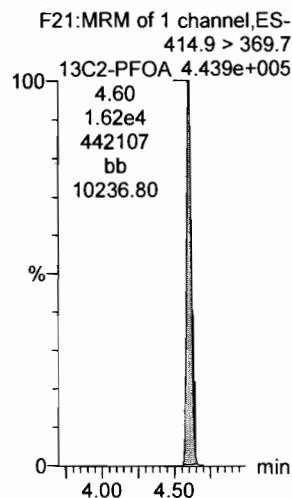
**13C2-6:2 FTS**



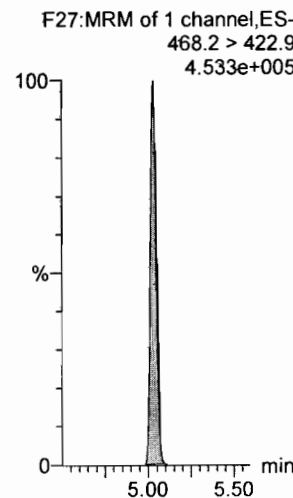
**13C2-PFOA**



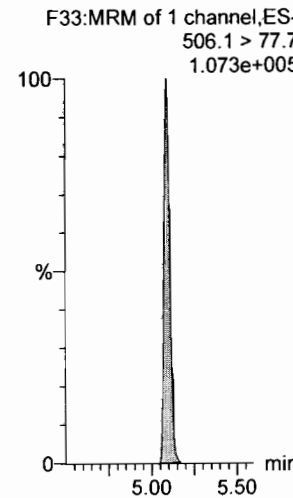
**13C2-PFOA**



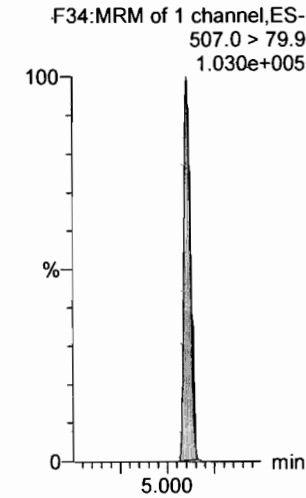
**13C5-PFNA**



**13C8-PFOA**



**13C8-PFOS**



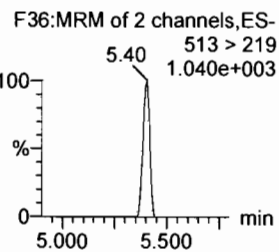
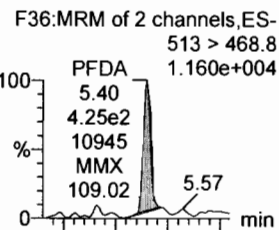
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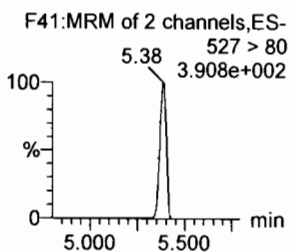
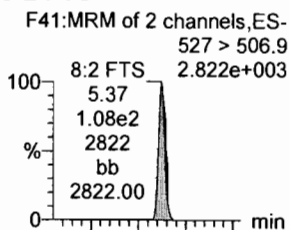
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_2, Date: 15-Mar-2018, Time: 20:57:09, ID: ST180315M1-1 PFC CS-2 18C1203, Description: PFC CS-2 18C1203

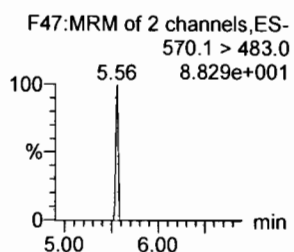
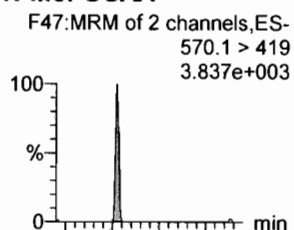
**PFDA**



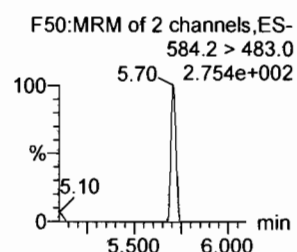
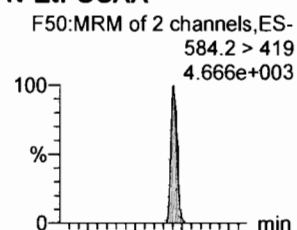
**8:2 FTS**



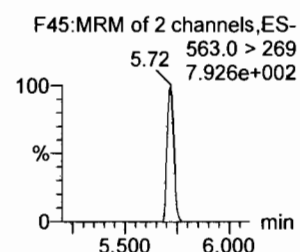
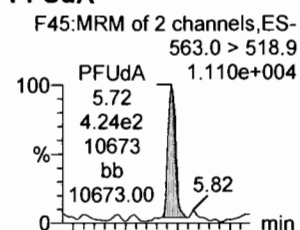
**N-MeFOSAA**



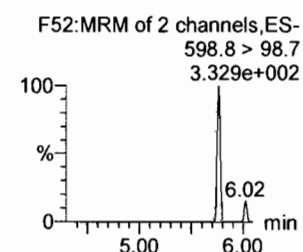
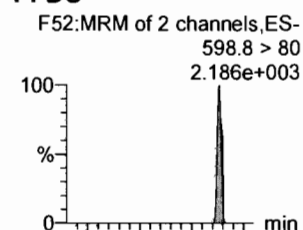
**N-EtFOSAA**



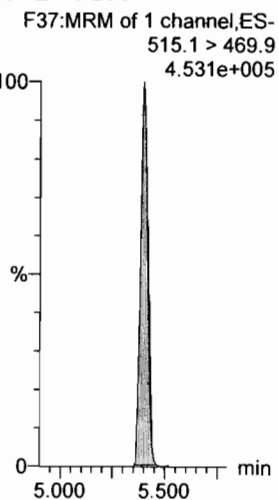
**PFUdA**



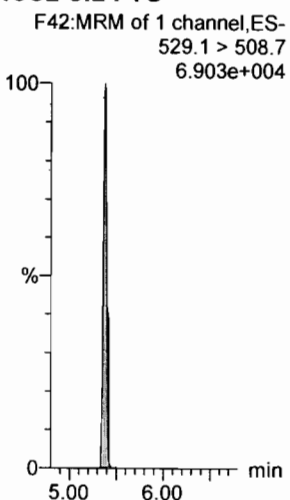
**PFDS**



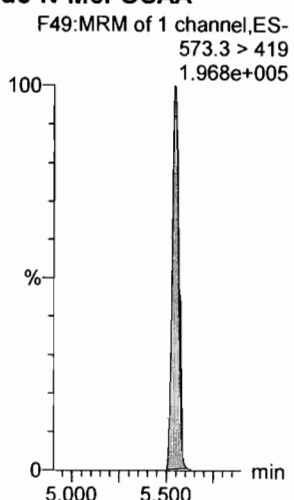
**13C2-PFDA**



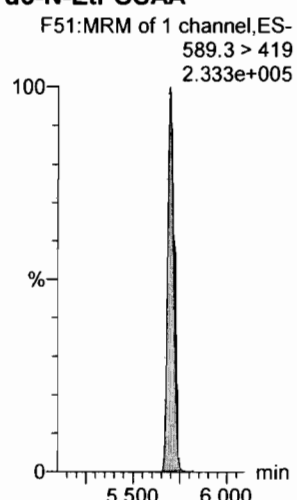
**13C2-8:2 FTS**



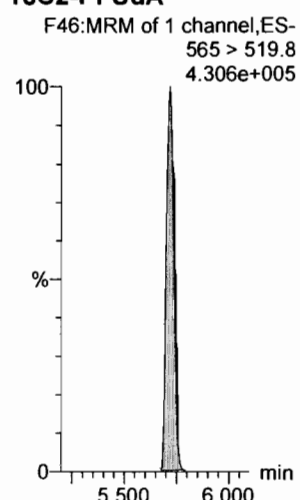
**d3-N-MeFOSAA**



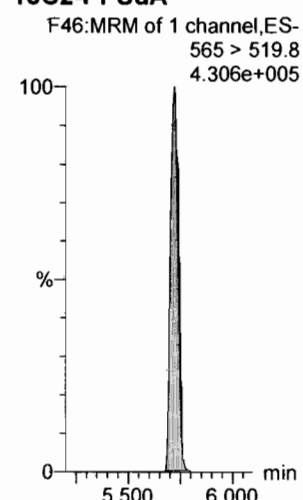
**d5-N-EtFOSAA**



**13C2-PFUdA**



**13C2-PFUdA**





Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

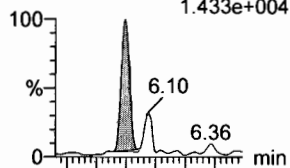
Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_2, Date: 15-Mar-2018, Time: 20:57:09, ID: ST180315M1-1 PFC CS-2 18C1203, Description: PFC CS-2 18C1203

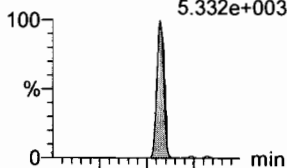
**PFDoA**

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
1.433e+004



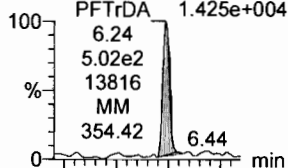
**N-MeFOSA**

F35:MRM of 2 channels,ES-  
512.1 > 168.9  
5.332e+003



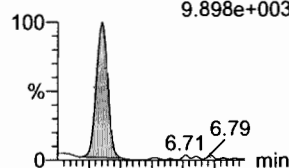
**PFTTrDA**

F59:MRM of 2 channels,ES-  
662.9 > 618.9  
1.425e+004



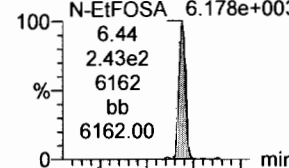
**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
9.898e+003



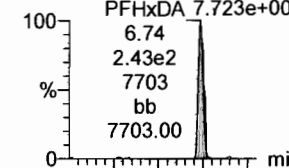
**N-EtFOSA**

F40:MRM of 2 channels,ES-  
526.1 > 168.9  
6.178e+003

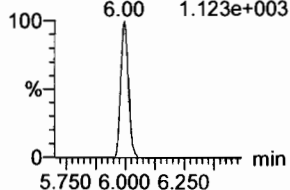


**PFHxDA**

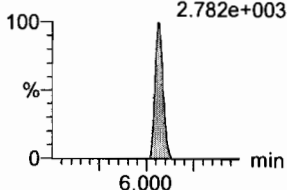
F62:MRM of 2 channels,ES-  
813.1 > 768.6  
7.723e+003



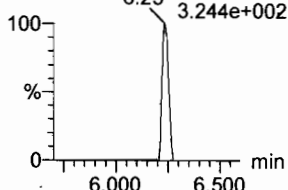
F53:MRM of 4 channels,ES-  
612.9 > 318.8  
1.123e+003



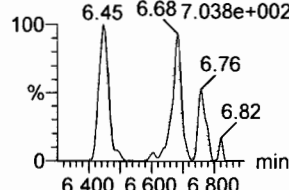
F35:MRM of 2 channels,ES-  
512.1 > 219  
2.782e+003



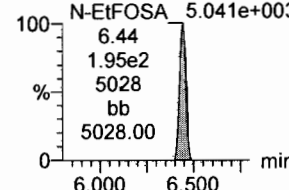
F59:MRM of 2 channels,ES-  
662.9 > 319  
3.244e+002



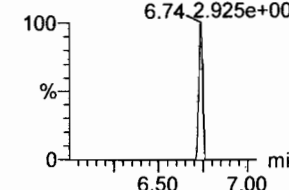
F60:MRM of 2 channels,ES-  
712.9 > 369  
7.038e+002



F40:MRM of 2 channels,ES-  
526.1 > 219  
5.041e+003

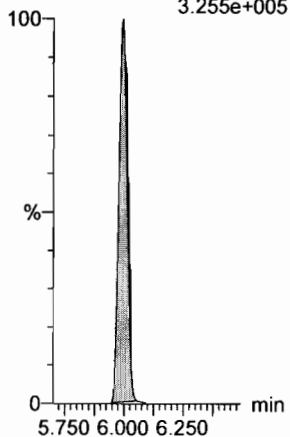


F62:MRM of 2 channels,ES-  
813.1 > 219  
6.74.2.925e+002



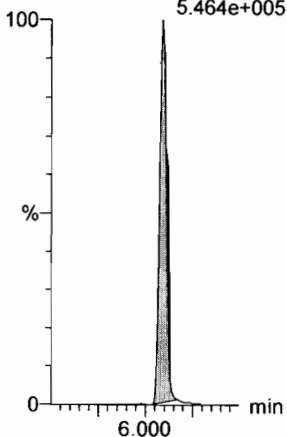
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
3.255e+005



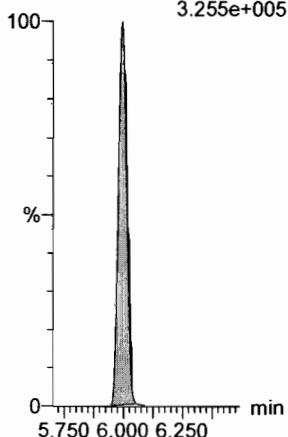
**d3-N-MeFOSA**

F38:MRM of 1 channel,ES-  
515.2 > 168.9  
5.464e+005



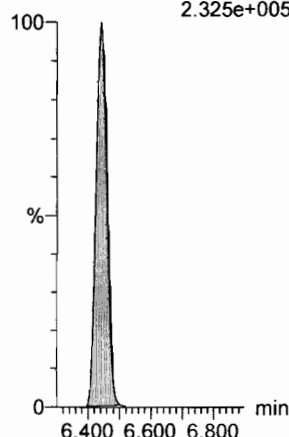
**13C2-PFTTrDA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
3.255e+005



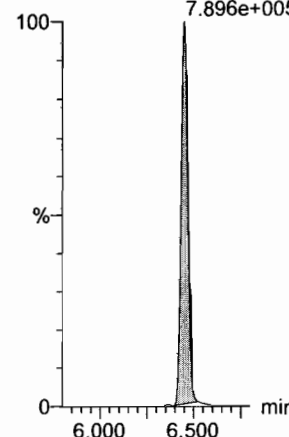
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
2.325e+005



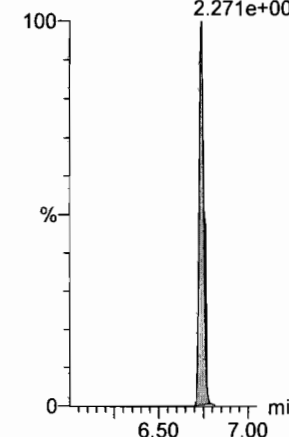
**d5-N-ETFOSA**

F43:MRM of 1 channel,ES-  
531.1 > 168.9  
7.896e+005



**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
2.271e+005



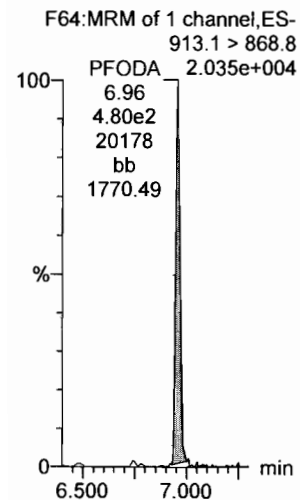
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Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

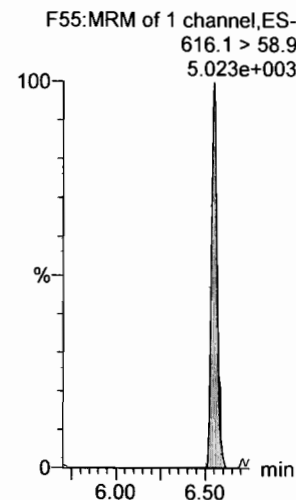
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_2, Date: 15-Mar-2018, Time: 20:57:09, ID: ST180315M1-1 PFC CS-2 18C1203, Description: PFC CS-2 18C1203

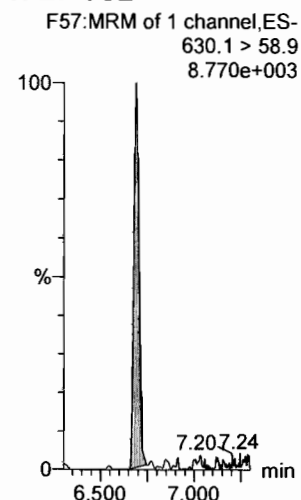
**PFODA**



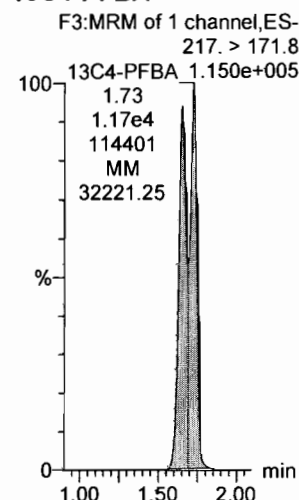
**N-MeFOSE**



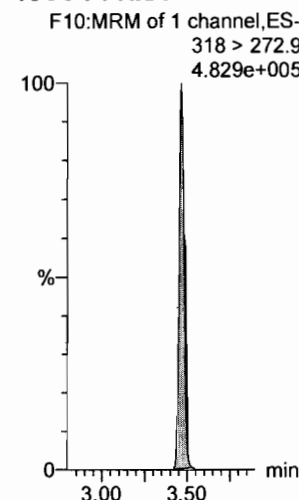
**N-EtFOSE**



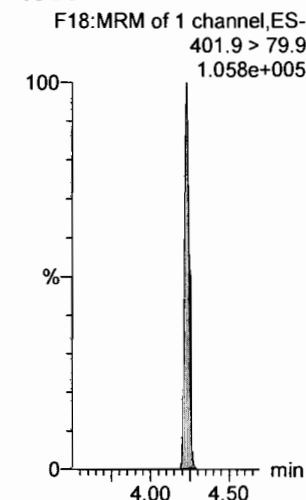
**13C4-PFBA**



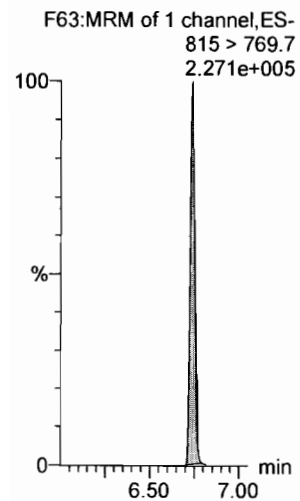
**13C5-PFHxA**



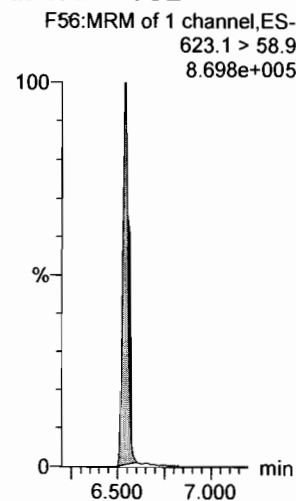
**13C3-PFHxS**



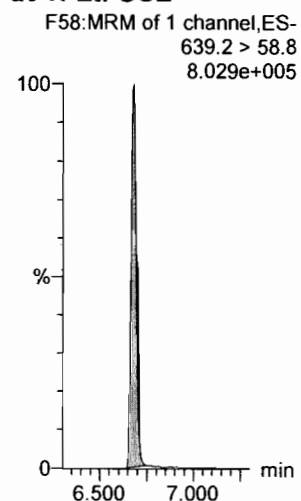
**13C2-PFHxDA**



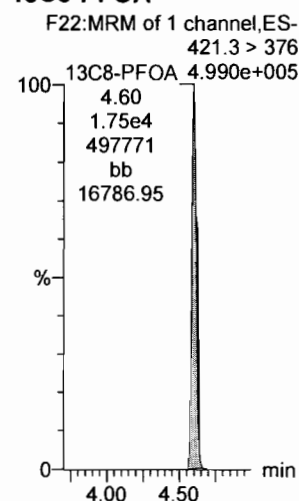
**d7-N-MeFOSE**



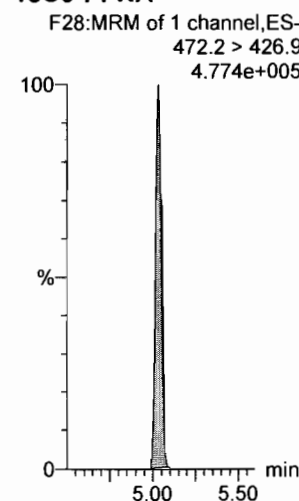
**d9-N-EtFOSE**



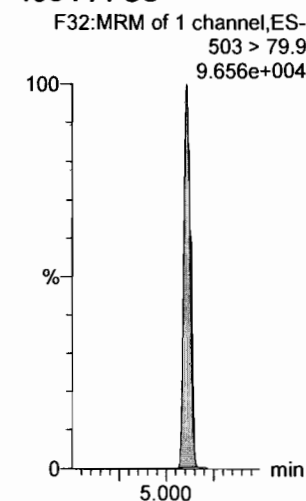
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**



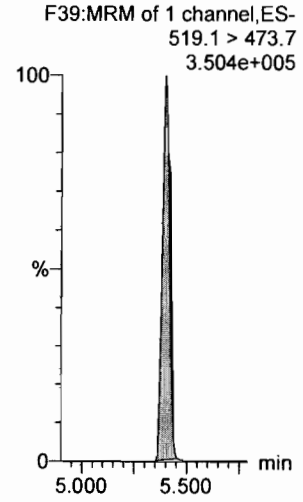
Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

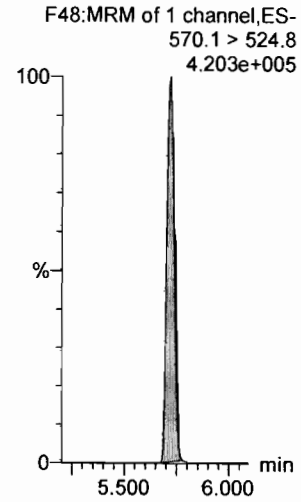
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_2, Date: 15-Mar-2018, Time: 20:57:09, ID: ST180315M1-1 PFC CS-2 18C1203, Description: PFC CS-2 18C1203

13C6-PFDA



13C7-PFUdA

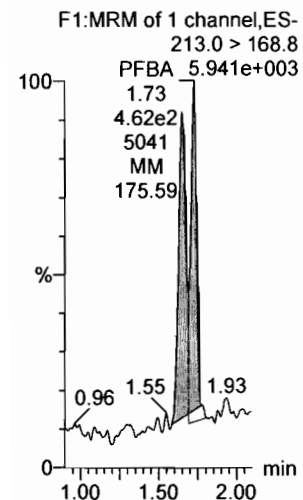


Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

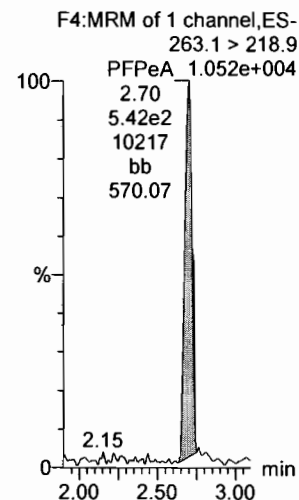
Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time  
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_3, Date: 15-Mar-2018, Time: 21:08:36, ID: ST180315M1-2 PFC CS-1 18C1204, Description: PFC CS-1 18C1204

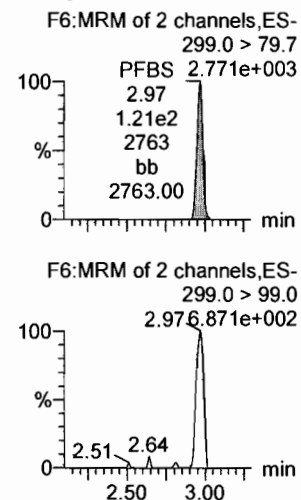
**PFBA**



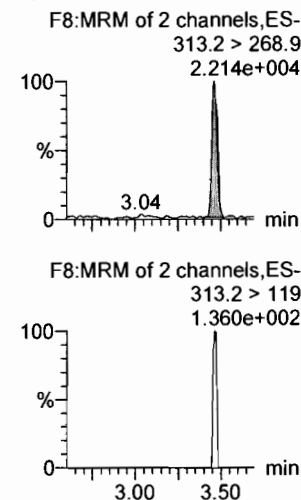
**PFPeA**



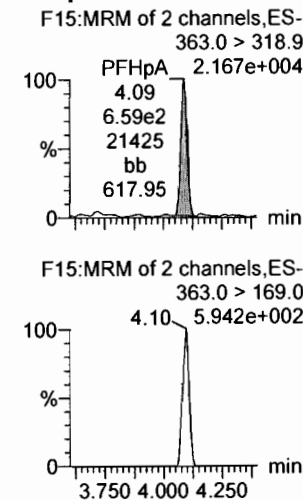
**PFBS**



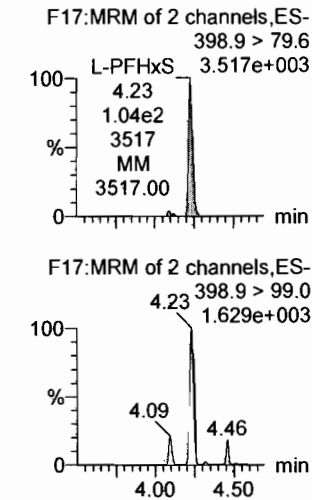
**PFHxA**



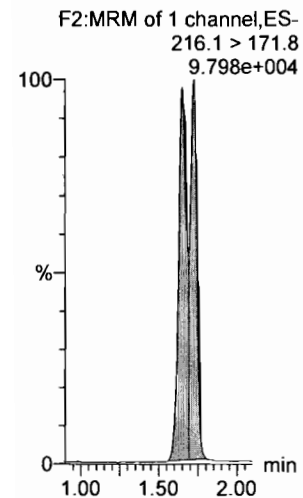
**PFHpA**



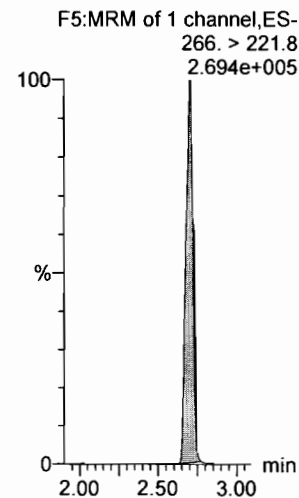
**L-PFHxS**



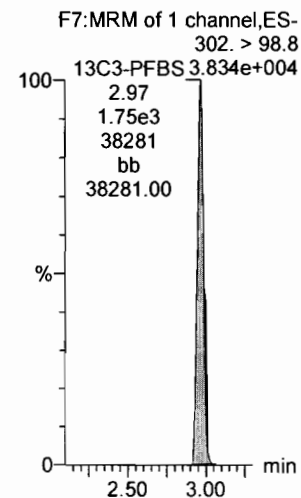
**13C3-PFBA**



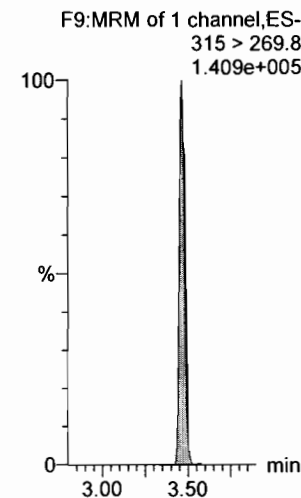
**13C3-PFPeA**



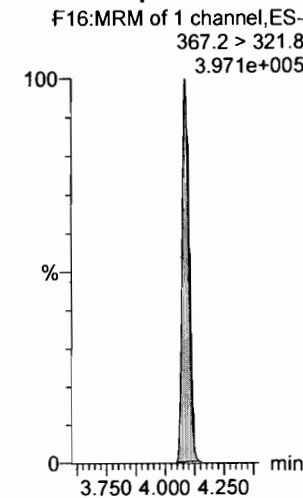
**13C3-PFBS**



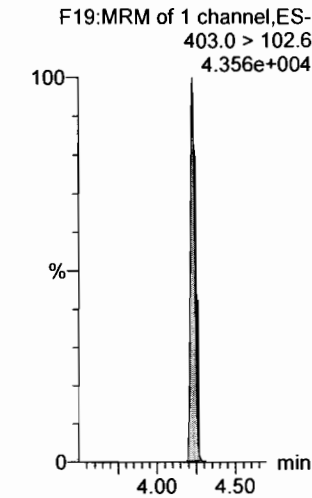
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



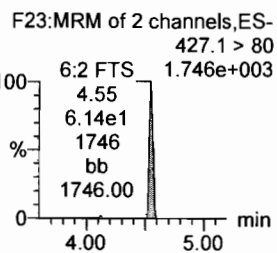
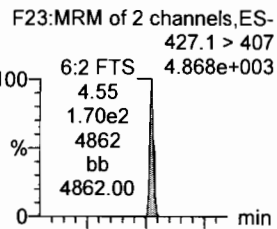
Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

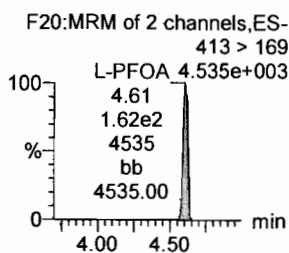
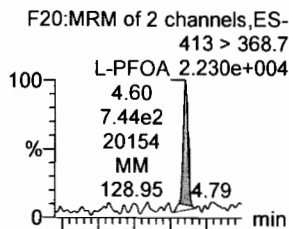
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_3, Date: 15-Mar-2018, Time: 21:08:36, ID: ST180315M1-2 PFC CS-1 18C1204, Description: PFC CS-1 18C1204

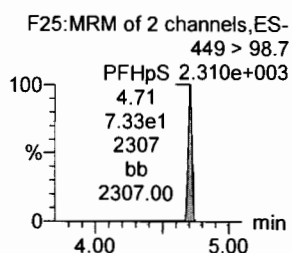
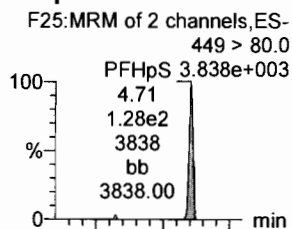
**6:2 FTS**



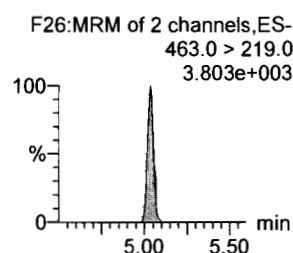
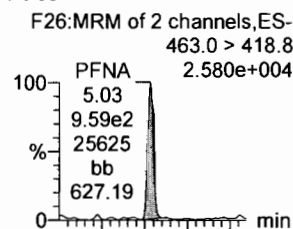
**L-PFOA**



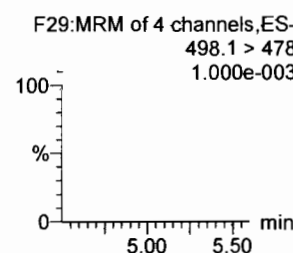
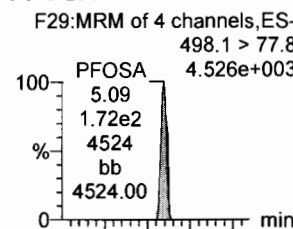
**PFHpS**



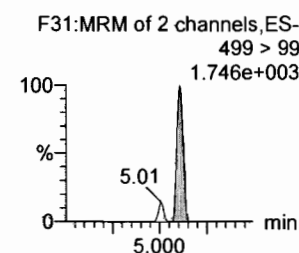
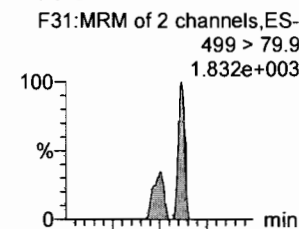
**PFNA**



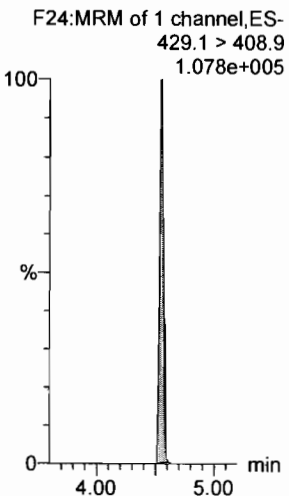
**PFOSA**



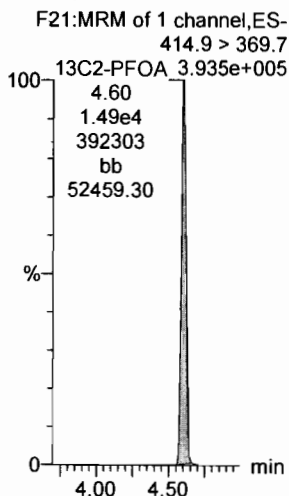
**L-PFOS**



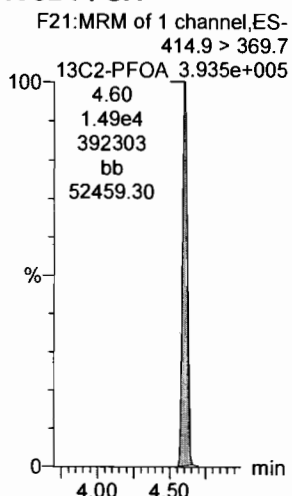
**13C2-6:2 FTS**



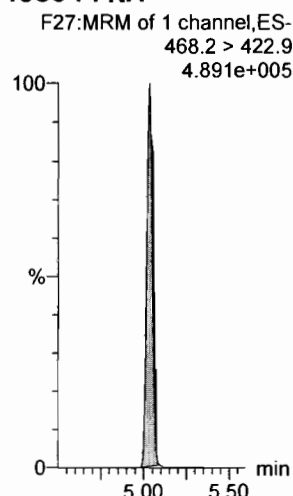
**13C2-PFOA**



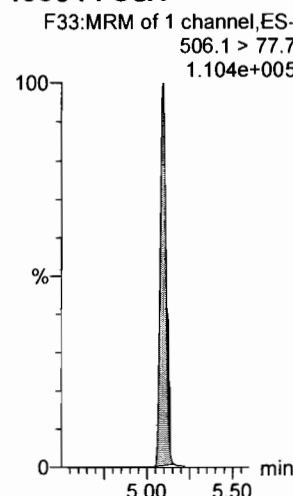
**13C2-PFOA**



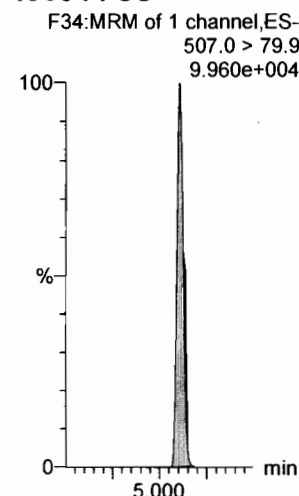
**13C5-PFNA**



**13C8-PFOA**



**13C8-PFOS**



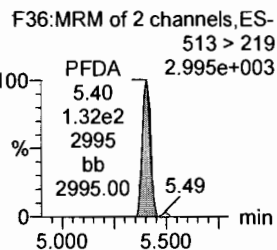
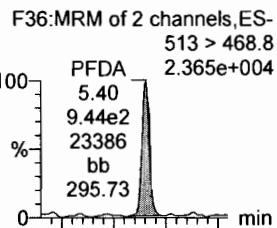
Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

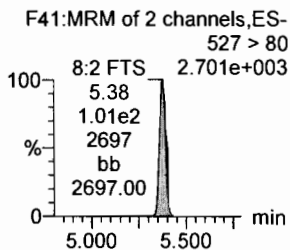
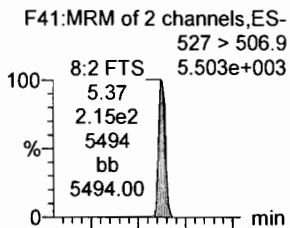
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_3, Date: 15-Mar-2018, Time: 21:08:36, ID: ST180315M1-2 PFC CS-1 18C1204, Description: PFC CS-1 18C1204

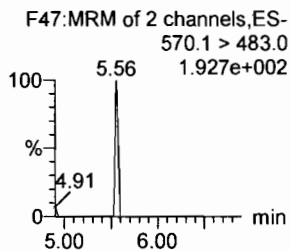
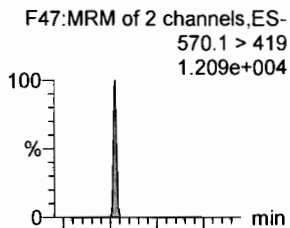
**PFDA**



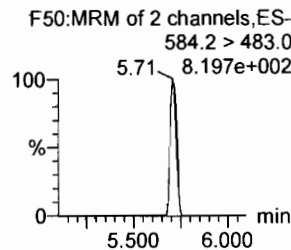
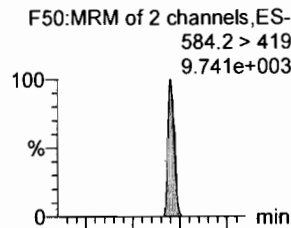
**8:2 FTS**



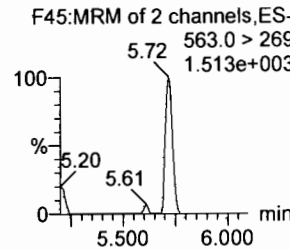
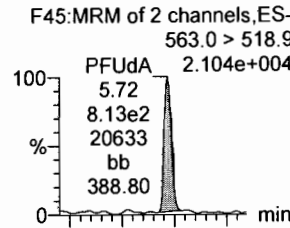
**N-MeFOSAA**



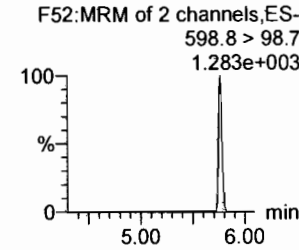
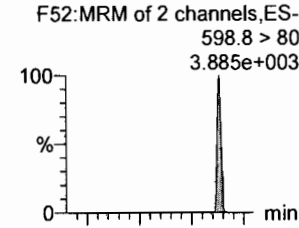
**N-EtFOSAA**



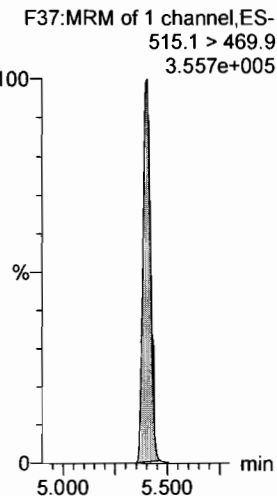
**PFUdA**



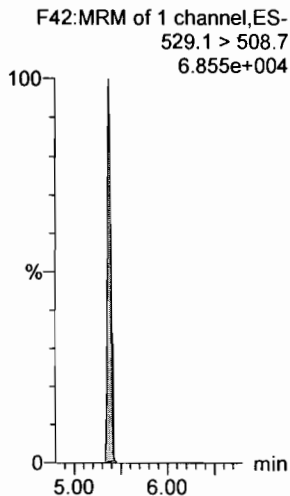
**PFDS**



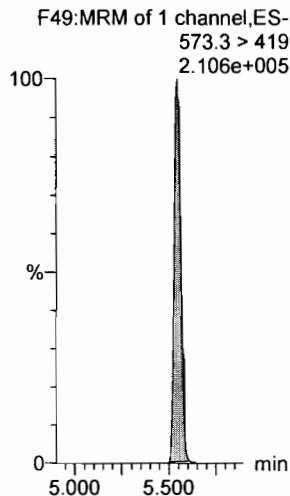
**13C2-PFDA**



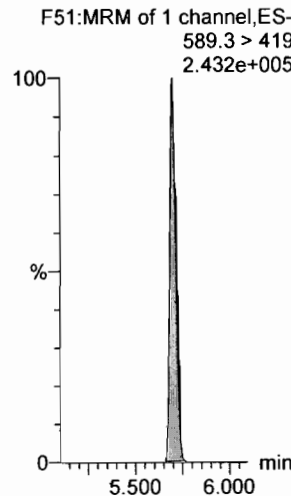
**13C2-8:2 FTS**



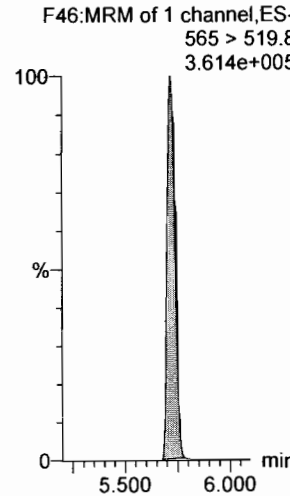
**d3-N-MeFOSAA**



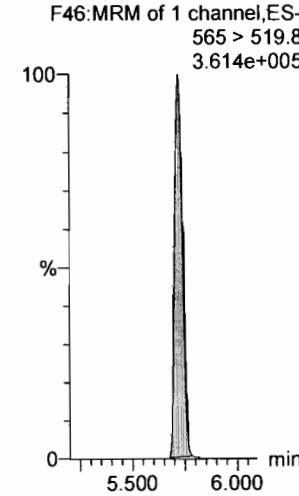
**d5-N-EtFOSAA**



**13C2-PFUdA**



**13C2-PFUdA**



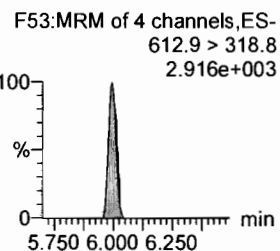
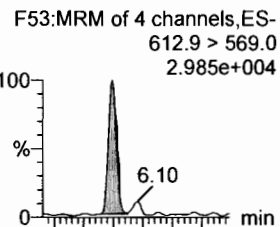
Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

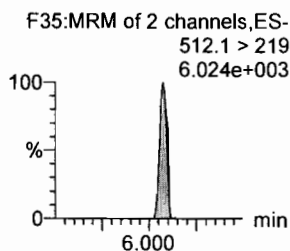
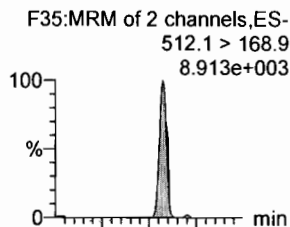
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Name: 180315M1\_3, Date: 15-Mar-2018, Time: 21:08:36, ID: ST180315M1-2 PFC CS-1 18C1204, Description: PFC CS-1 18C1204

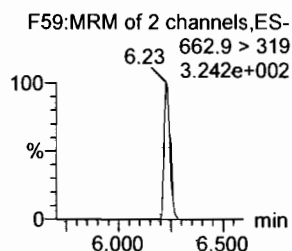
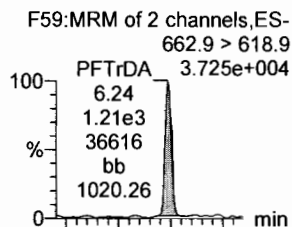
**PFDoA**



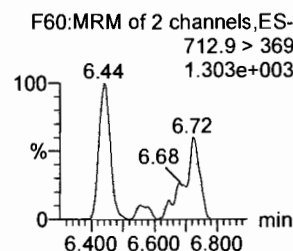
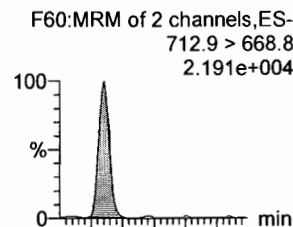
**N-MeFOSA**



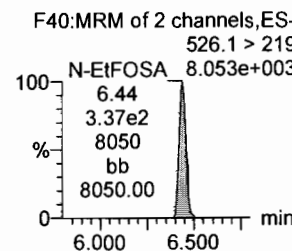
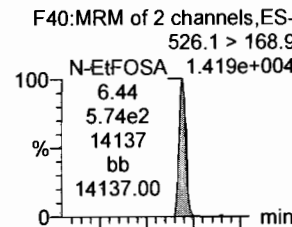
**PFTTrDA**



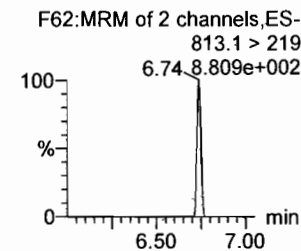
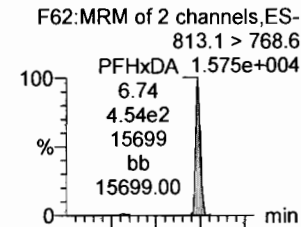
**PFTeDA**



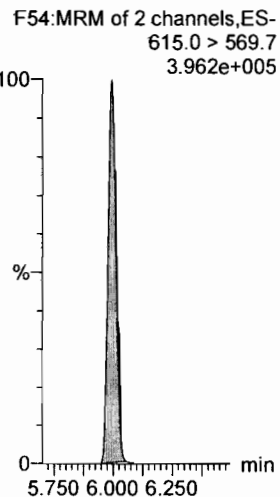
**N-EtFOSA**



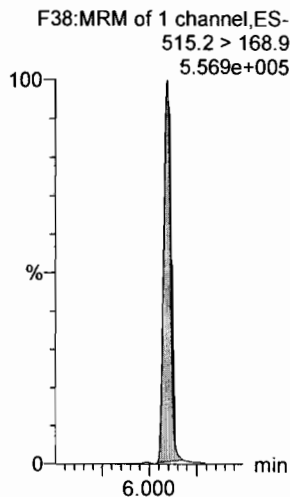
**PFHxDA**



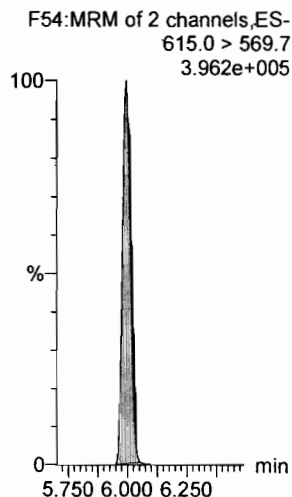
**13C2-PFDoA**



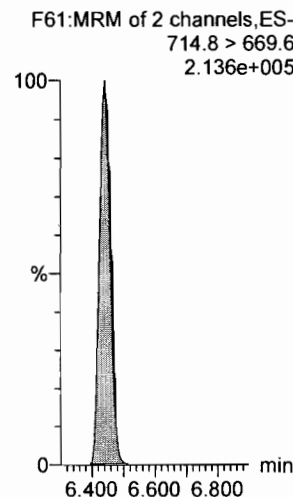
**d3-N-MeFOSA**



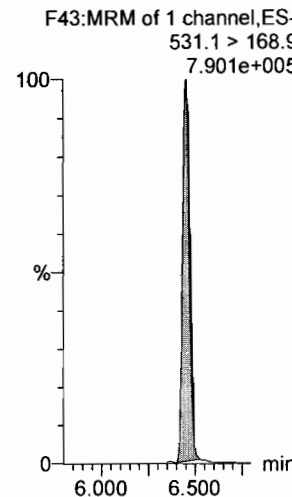
**13C2-PFTDoA**



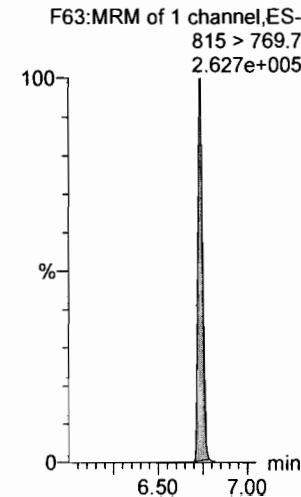
**13C2-PFTeDA**



**d5-N-ETFOSA**



**13C2-PFHxDA**



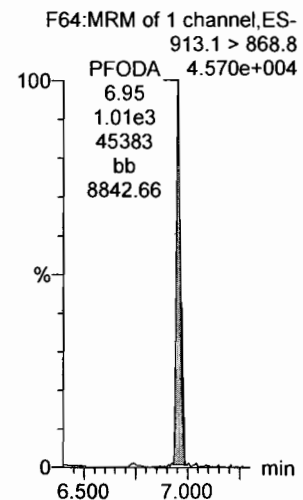
Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

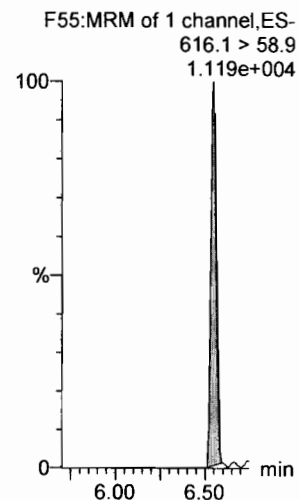
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_3, Date: 15-Mar-2018, Time: 21:08:36, ID: ST180315M1-2 PFC CS-1 18C1204, Description: PFC CS-1 18C1204

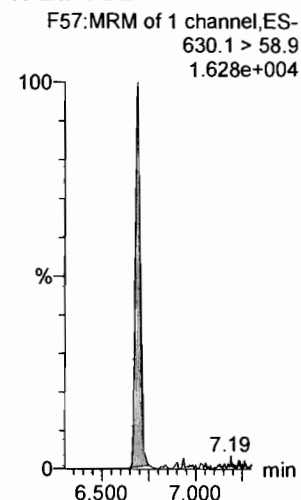
**PFODA**



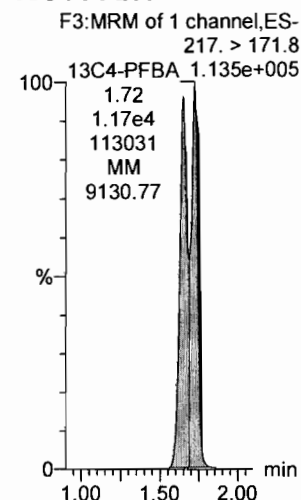
**N-MeFOSE**



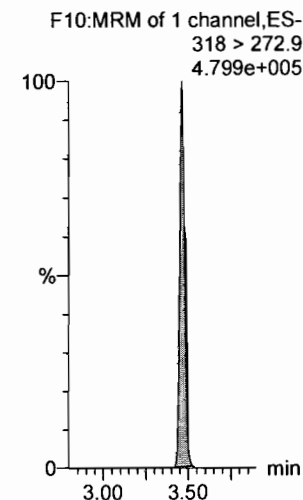
**N-EtFOSE**



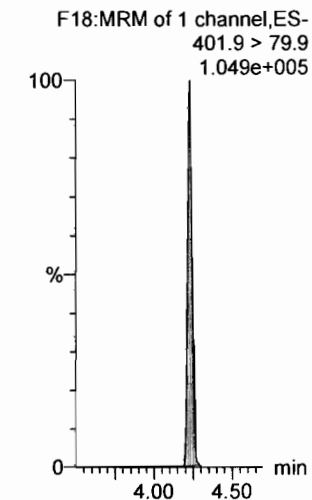
**13C4-PFBA**



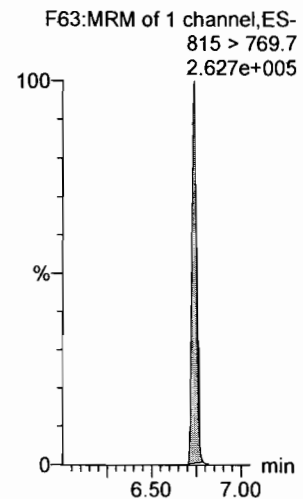
**13C5-PFHxA**



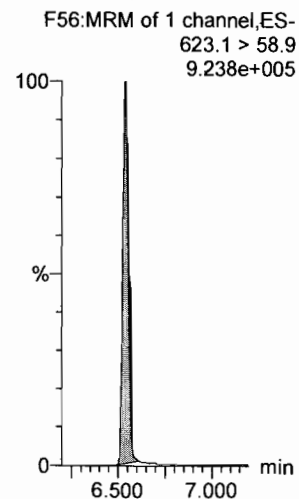
**13C3-PFHxS**



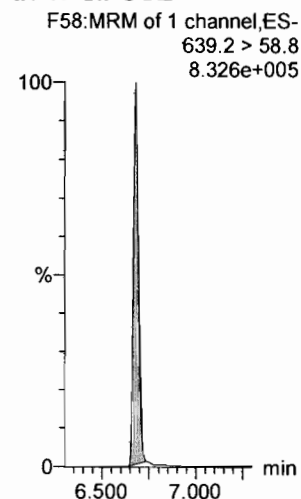
**13C2-PFHxDA**



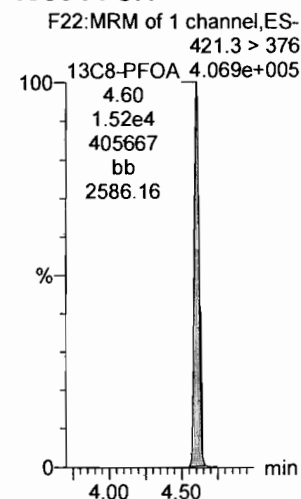
**d7-N-MeFOSE**



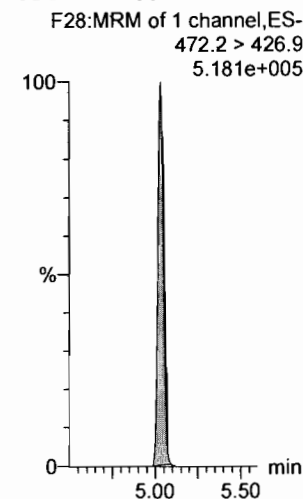
**d9-N-EtFOSE**



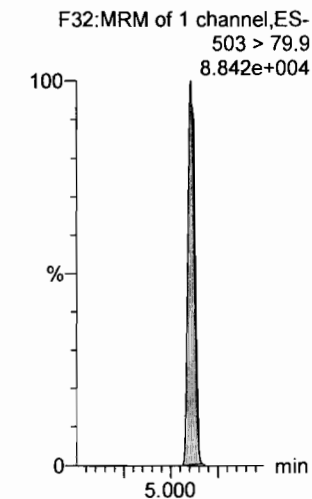
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**





Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

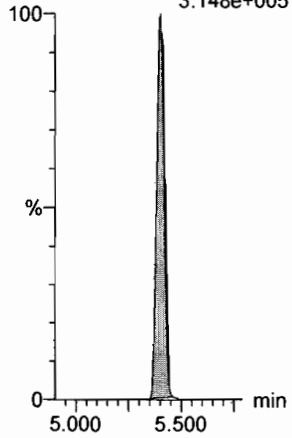
Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_3, Date: 15-Mar-2018, Time: 21:08:36, ID: ST180315M1-2 PFC CS-1 18C1204, Description: PFC CS-1 18C1204

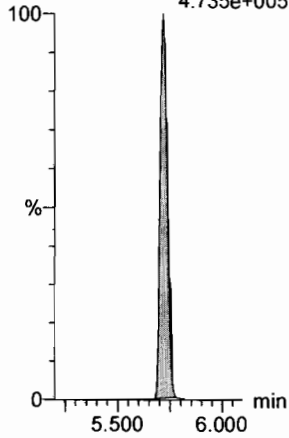
**13C6-PFDA**

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
3.148e+005



**13C7-PFUdA**

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
4.735e+005



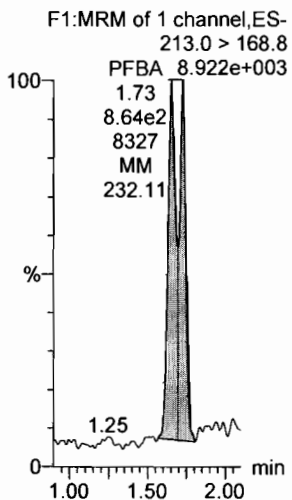
Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

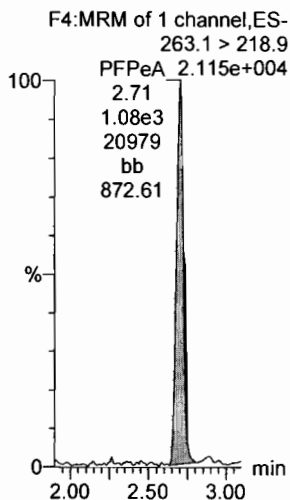
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_4, Date: 15-Mar-2018, Time: 21:20:03, ID: ST180315M1-3 PFC CS0 18C1205, Description: PFC CS0 18C1205

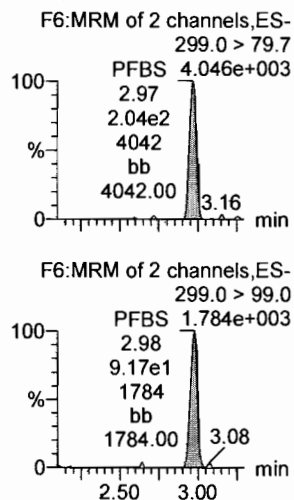
**PFBA**



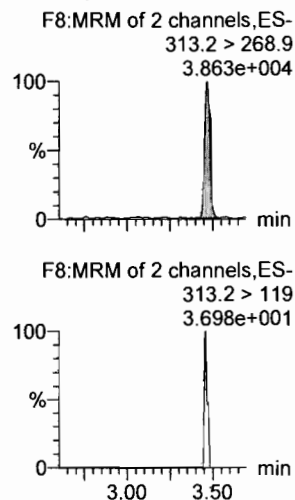
**PFPeA**



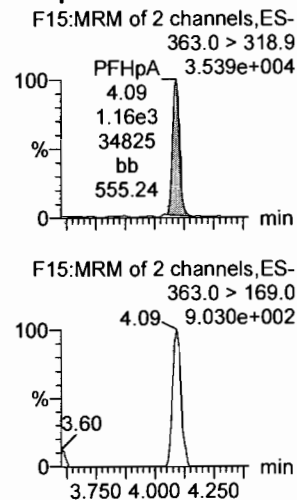
**PFBS**



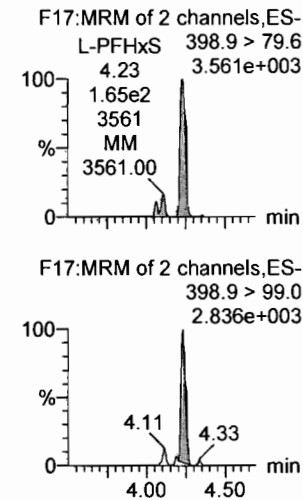
**PFHxA**



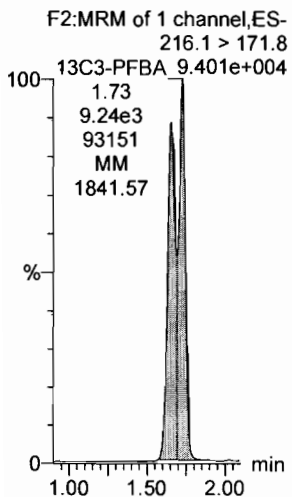
**PFHpA**



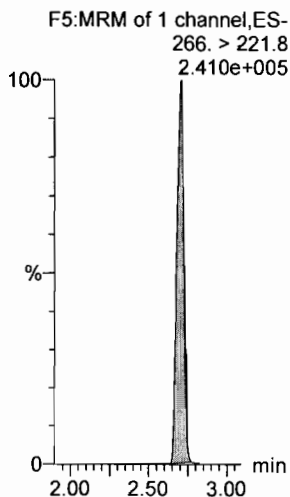
**L-PFHxS**



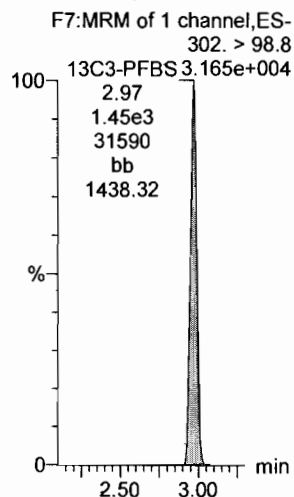
**13C3-PFBA**



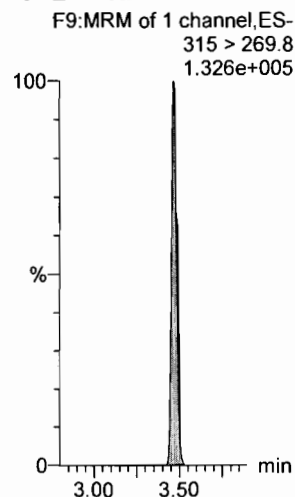
**13C3-PFPeA**



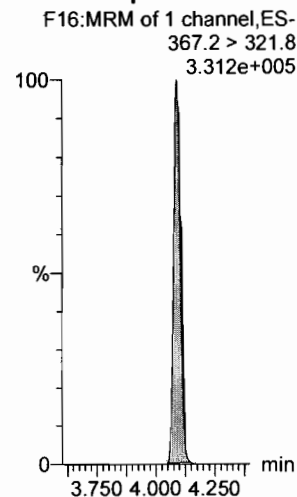
**13C3-PFBS**



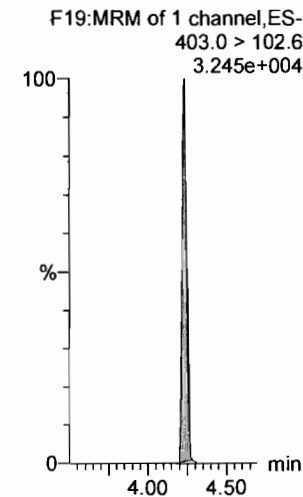
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



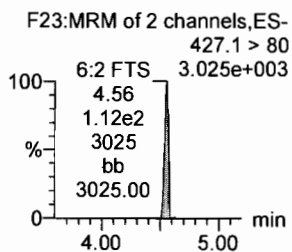
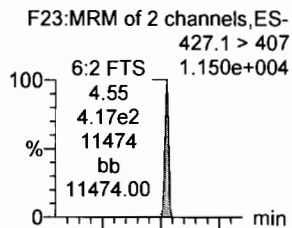
Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

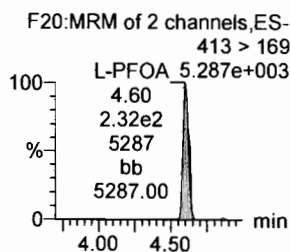
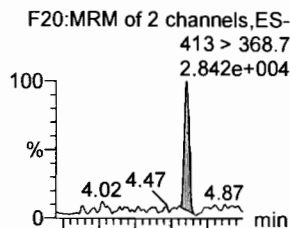
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_4, Date: 15-Mar-2018, Time: 21:20:03, ID: ST180315M1-3 PFC CS0 18C1205, Description: PFC CS0 18C1205

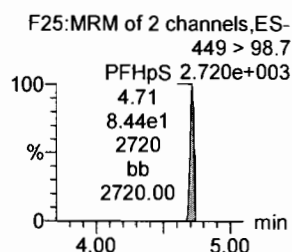
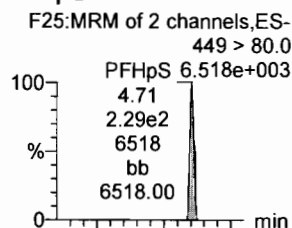
**6:2 FTS**



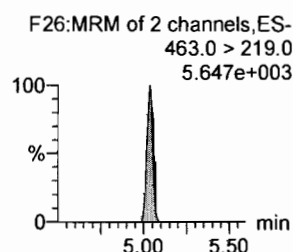
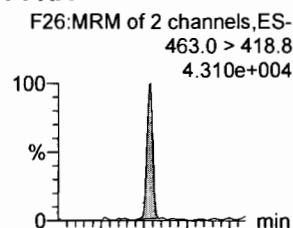
**L-PFOA**



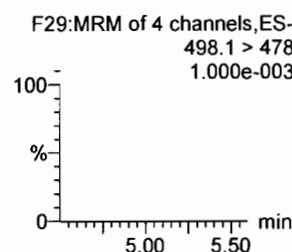
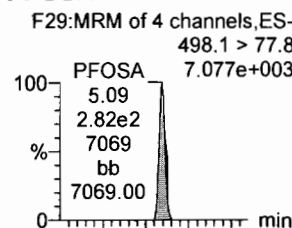
**PFHpS**



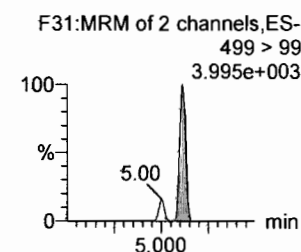
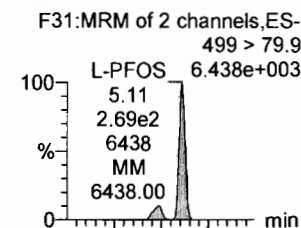
**PFNA**



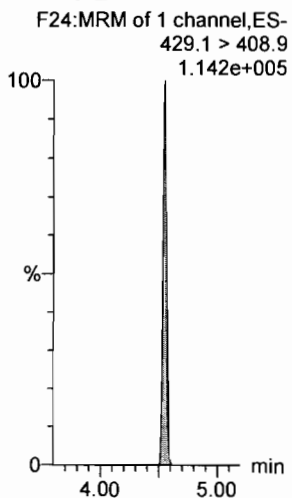
**PFOSA**



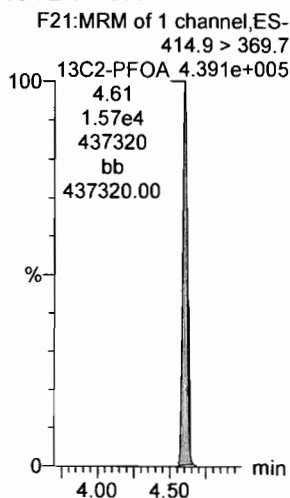
**L-PFOS**



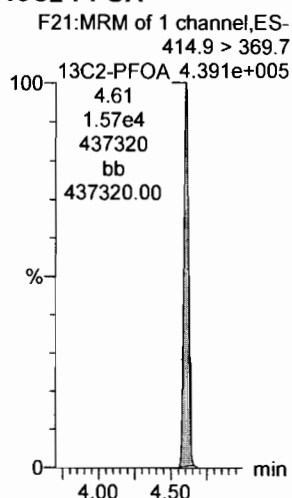
**13C2-6:2 FTS**



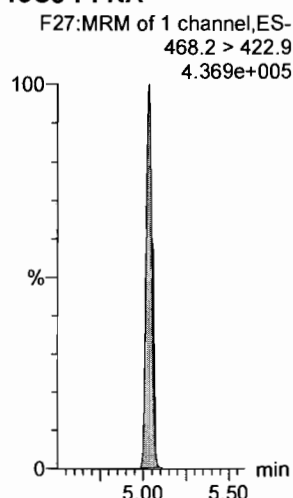
**13C2-PFOA**



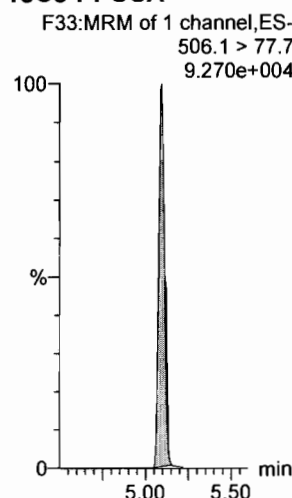
**13C2-PFOA**



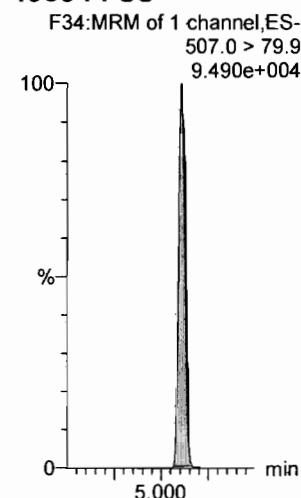
**13C5-PFNA**



**13C8-PFOSA**



**13C8-PFOS**



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

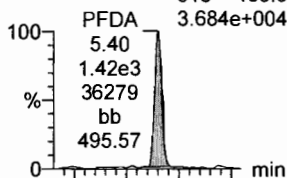
Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

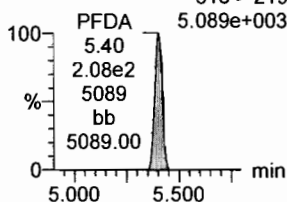
Name: 180315M1\_4, Date: 15-Mar-2018, Time: 21:20:03, ID: ST180315M1-3 PFC CS0 18C1205, Description: PFC CS0 18C1205

**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8

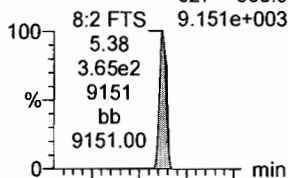


F36:MRM of 2 channels,ES-  
513 > 219

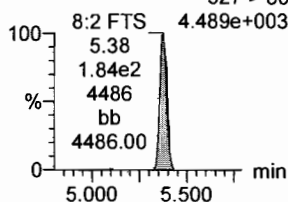


**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9

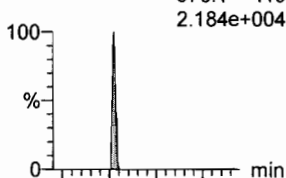


F41:MRM of 2 channels,ES-  
527 > 80

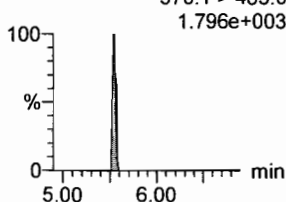


**N-MeFOSAA**

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

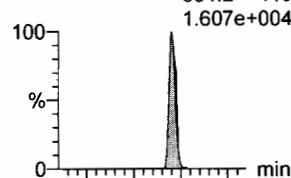


F47:MRM of 2 channels,ES-  
570.1 > 483.0

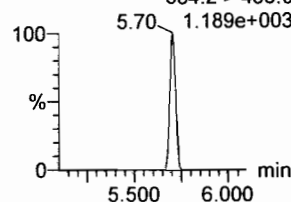


**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419

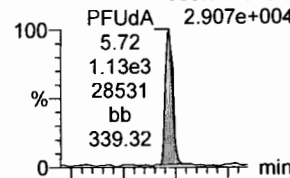


F50:MRM of 2 channels,ES-  
584.2 > 483.0

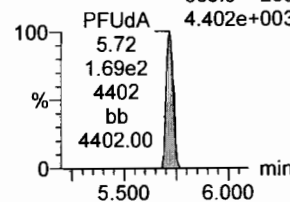


**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9

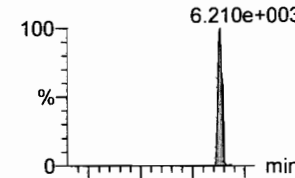


F45:MRM of 2 channels,ES-  
563.0 > 269

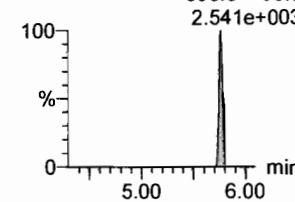


**PFDS**

F52:MRM of 2 channels,ES-  
598.8 > 80

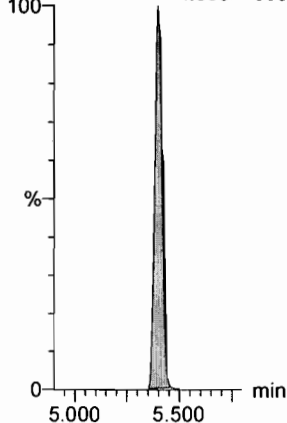


F52:MRM of 2 channels,ES-  
598.8 > 98.7



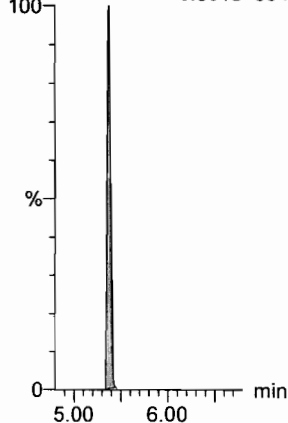
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9



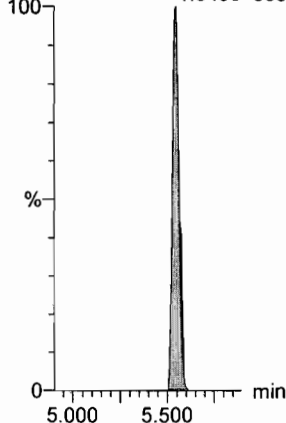
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7



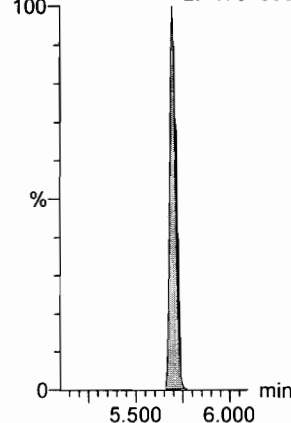
**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419



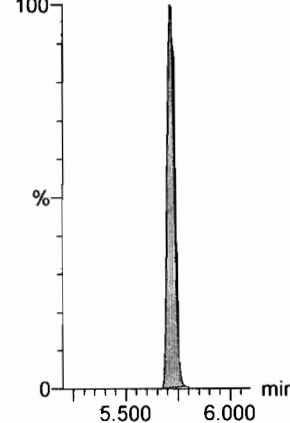
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419



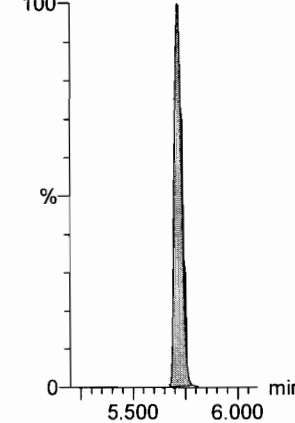
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8



**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

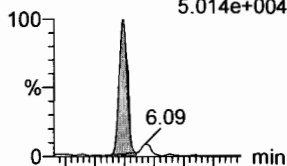
Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

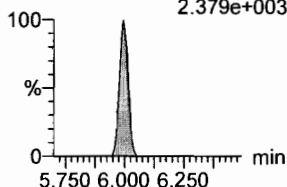
Name: 180315M1\_4, Date: 15-Mar-2018, Time: 21:20:03, ID: ST180315M1-3 PFC CS0 18C1205, Description: PFC CS0 18C1205

**PFDoA**

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
5.014e+004

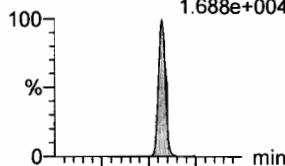


F53:MRM of 4 channels,ES-  
612.9 > 318.8  
2.379e+003

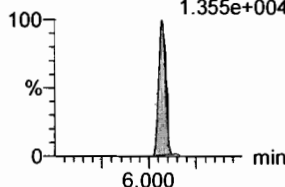


**N-MeFOSA**

F35:MRM of 2 channels,ES-  
512.1 > 168.9  
1.688e+004

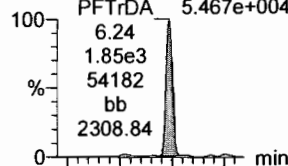


F35:MRM of 2 channels,ES-  
512.1 > 219  
1.355e+004

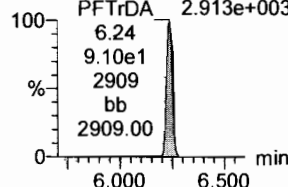


**PFTTrDA**

F59:MRM of 2 channels,ES-  
662.9 > 618.9  
5.467e+004

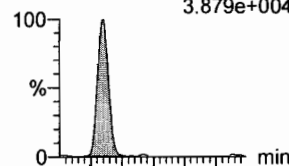


F59:MRM of 2 channels,ES-  
662.9 > 319  
2.913e+003

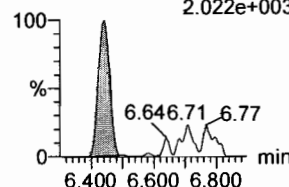


**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
3.879e+004

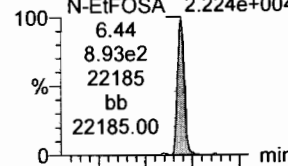


F60:MRM of 2 channels,ES-  
712.9 > 369  
2.022e+003

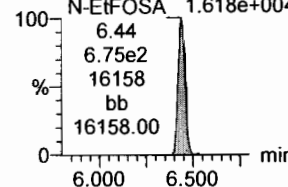


**N-EtFOSA**

F40:MRM of 2 channels,ES-  
526.1 > 168.9  
2.224e+004

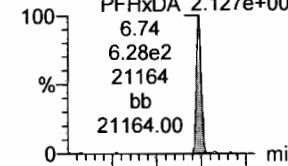


F40:MRM of 2 channels,ES-  
526.1 > 219  
1.618e+004

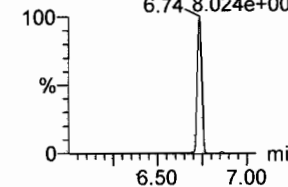


**PFHxDA**

F62:MRM of 2 channels,ES-  
813.1 > 768.6  
2.127e+004

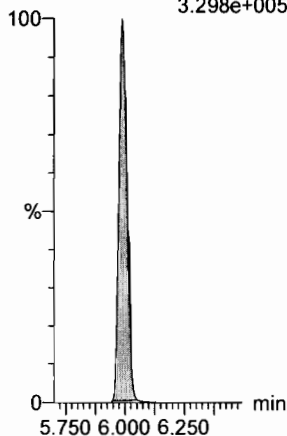


F62:MRM of 2 channels,ES-  
813.1 > 219  
8.024e+002



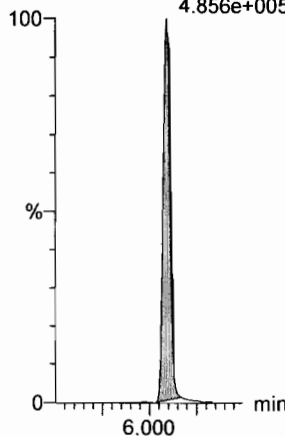
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
3.298e+005



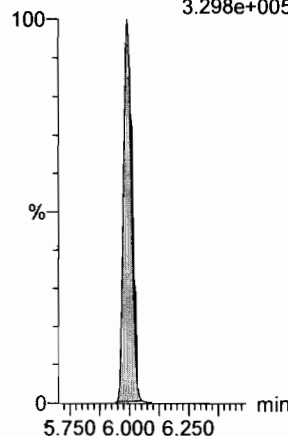
**d3-N-MeFOSA**

F38:MRM of 1 channel,ES-  
515.2 > 168.9  
4.856e+005



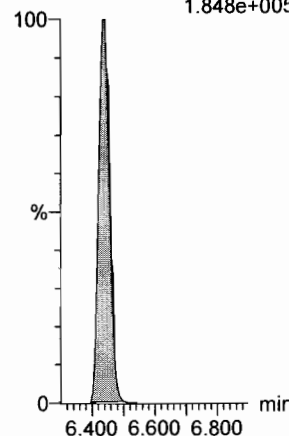
**13C2-PFTeDA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
3.298e+005



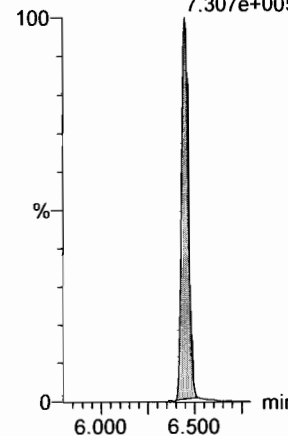
**13C2-PFTTrDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
1.848e+005



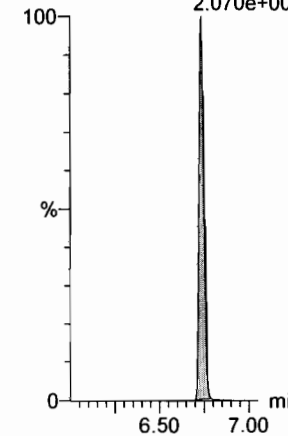
**d5-N-ETFOSA**

F43:MRM of 1 channel,ES-  
531.1 > 168.9  
7.307e+005



**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
2.070e+005



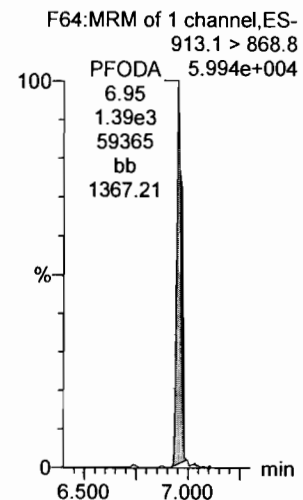
Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

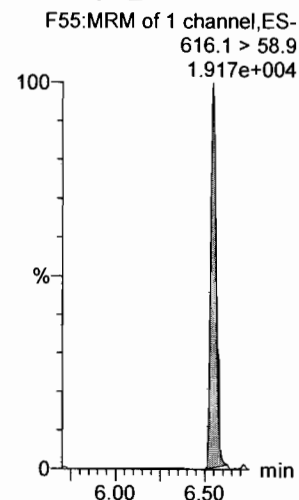
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_4, Date: 15-Mar-2018, Time: 21:20:03, ID: ST180315M1-3 PFC CS0 18C1205, Description: PFC CS0 18C1205

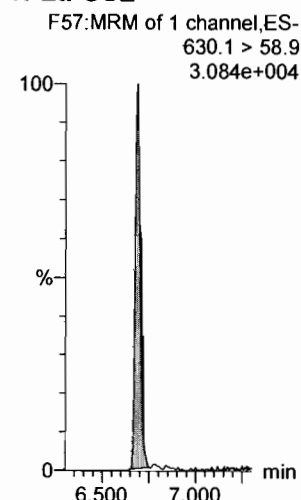
**PFODA**



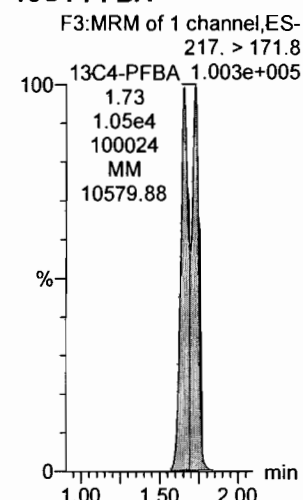
**N-MeFOSE**



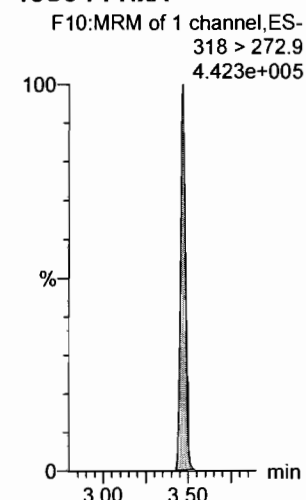
**N-EtFOSE**



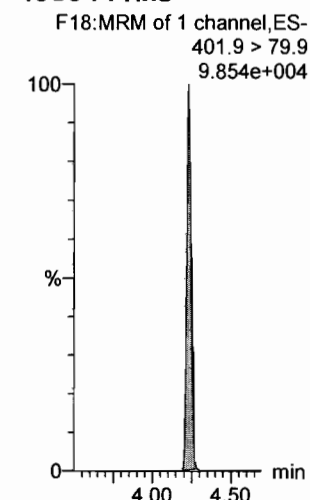
**13C4-PFBA**



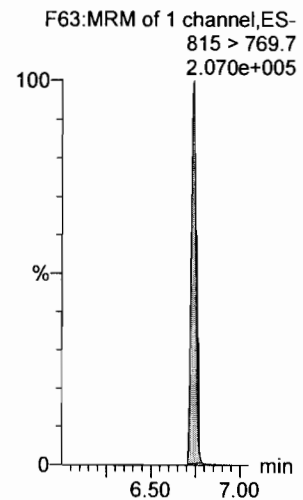
**13C5-PFHxA**



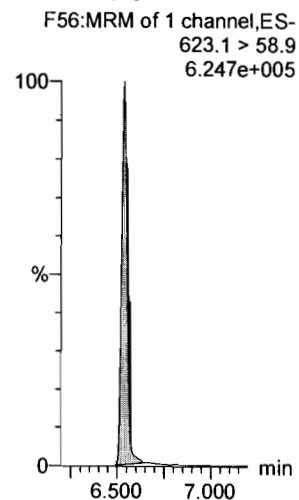
**13C3-PFHxS**



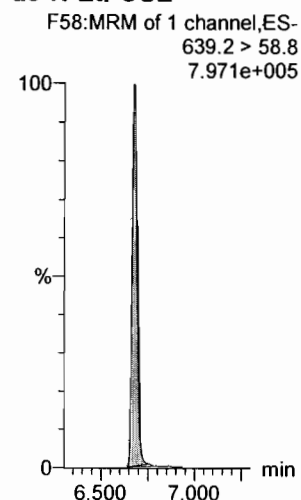
**13C2-PFHxDA**



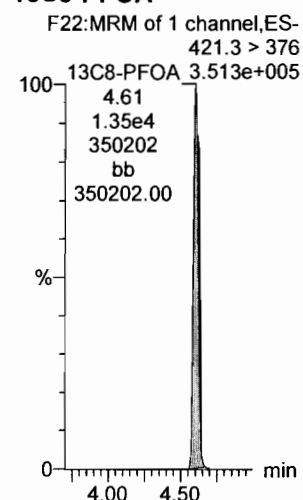
**d7-N-MeFOSE**



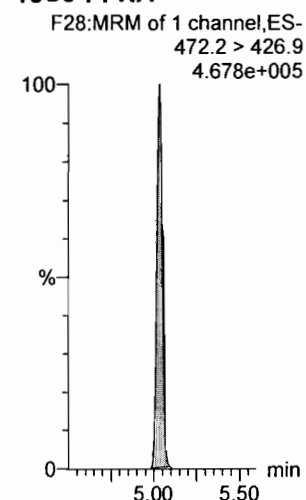
**d9-N-EtFOSE**



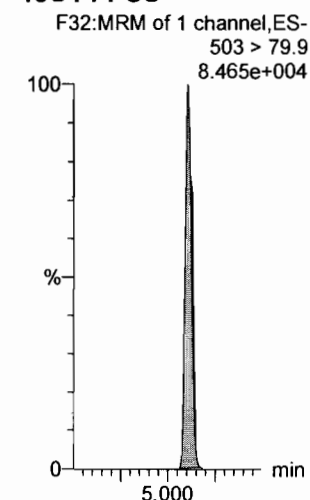
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

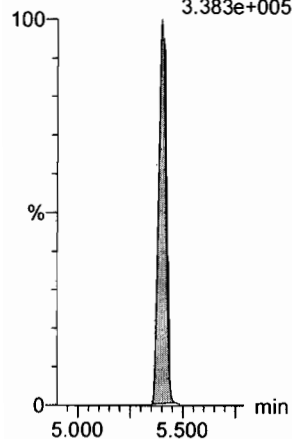
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Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_4, Date: 15-Mar-2018, Time: 21:20:03, ID: ST180315M1-3 PFC CS0 18C1205, Description: PFC CS0 18C1205

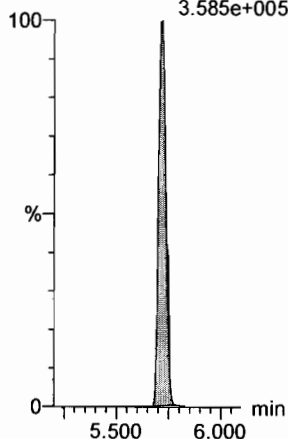
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
3.383e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
3.585e+005



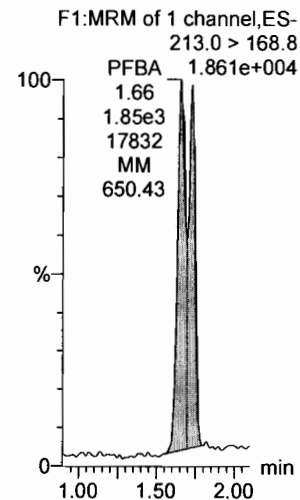
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Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

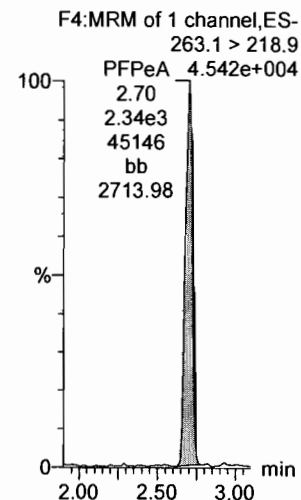
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_5, Date: 15-Mar-2018, Time: 21:31:32, ID: ST180315M1-4 PFC CS1 18C1206, Description: PFC CS1 18C1206

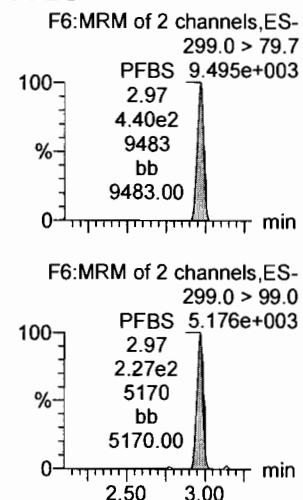
**PFBA**



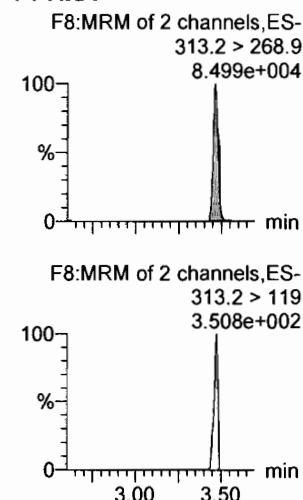
**PFPeA**



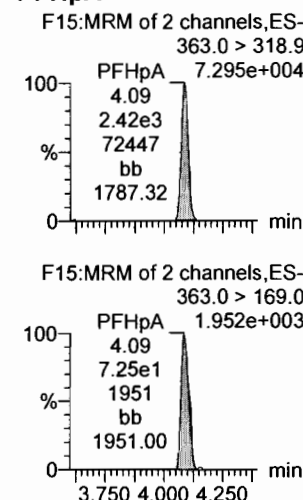
**PFBS**



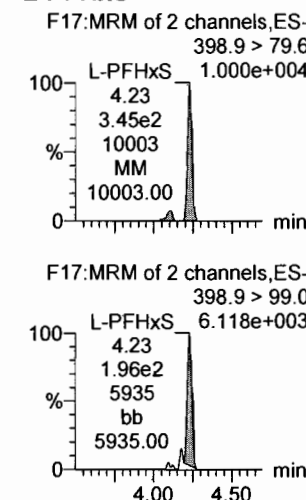
**PFHxA**



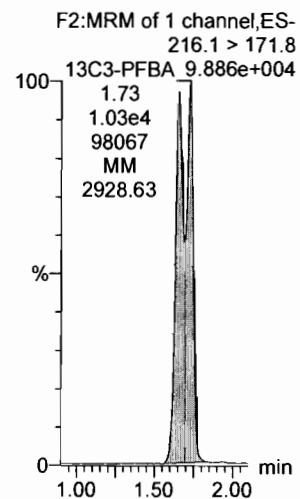
**PFHpA**



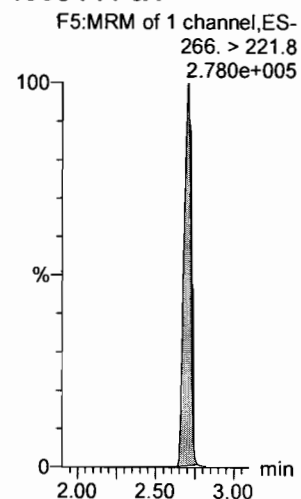
**L-PFHxS**



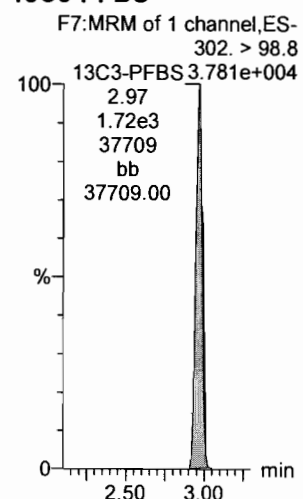
**13C3-PFBA**



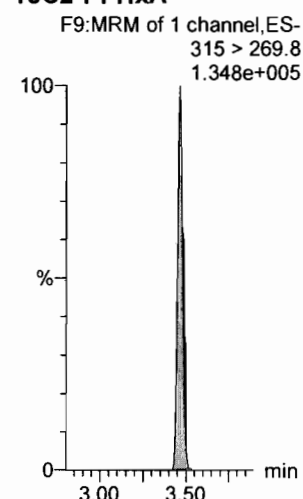
**13C3-PFPeA**



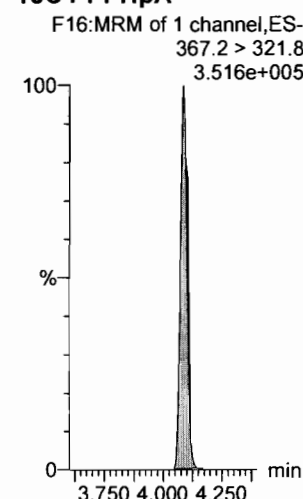
**13C3-PFBS**



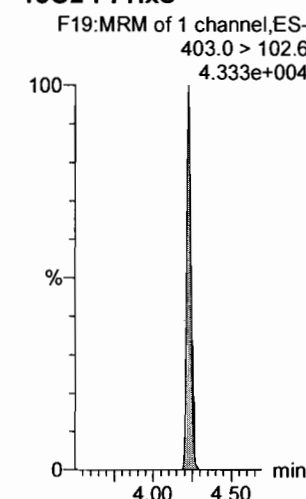
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



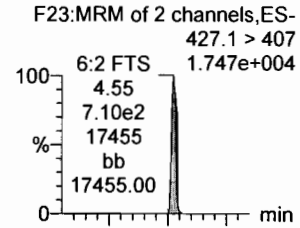


Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

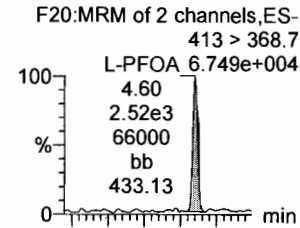
Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time  
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_5, Date: 15-Mar-2018, Time: 21:31:32, ID: ST180315M1-4 PFC CS1 18C1206, Description: PFC CS1 18C1206

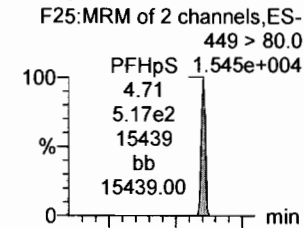
**6:2 FTS**



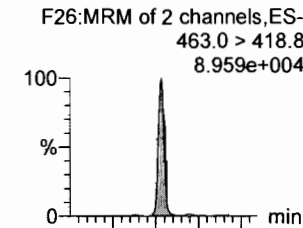
**L-PFOA**



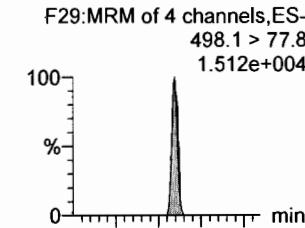
**PFHpS**



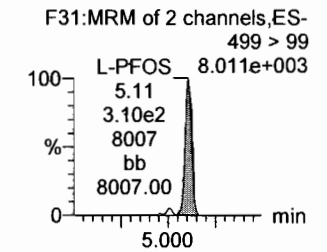
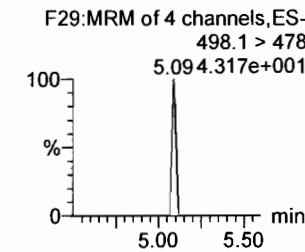
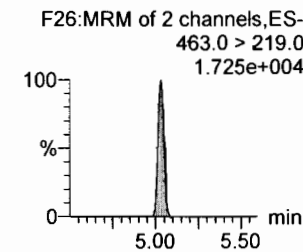
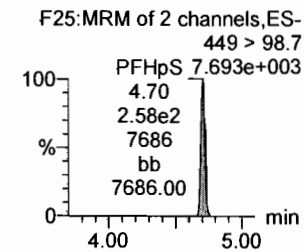
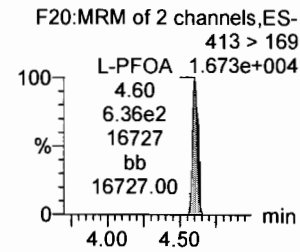
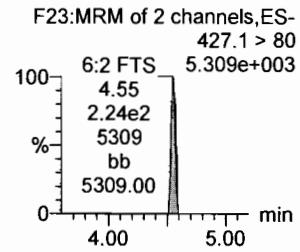
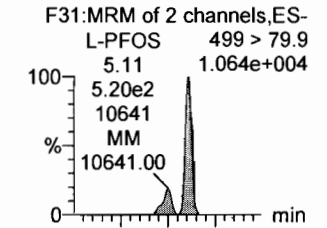
**PFNA**



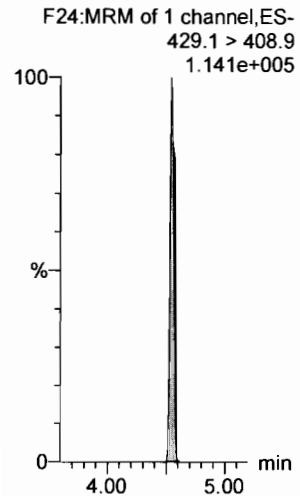
**PFOSA**



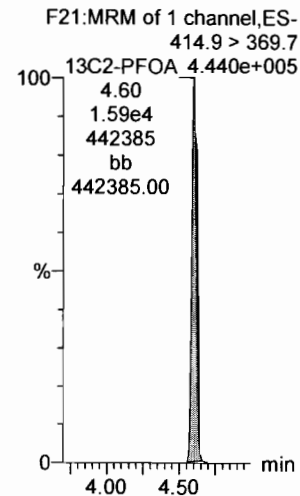
**L-PFOS**



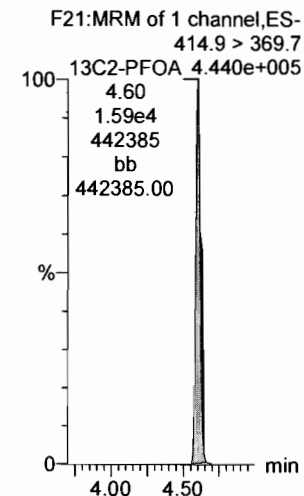
**13C2-6:2 FTS**



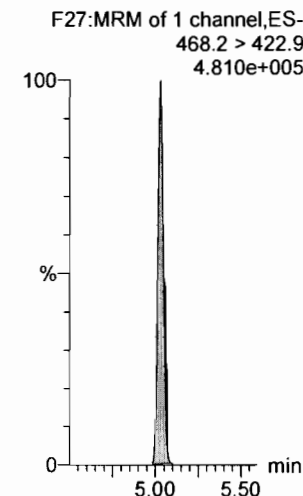
**13C2-PFOA**



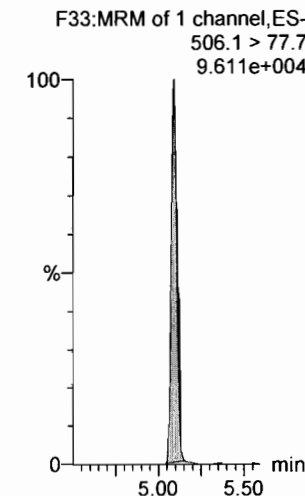
**13C2-PFOA**



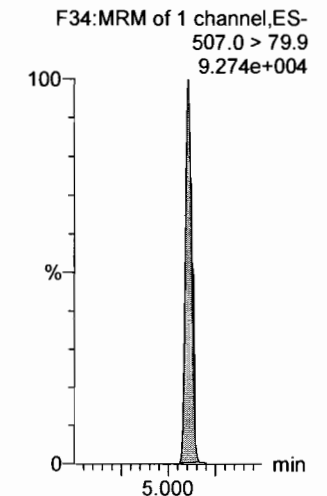
**13C5-PFNA**



**13C8-PFOSA**



**13C8-PFOS**



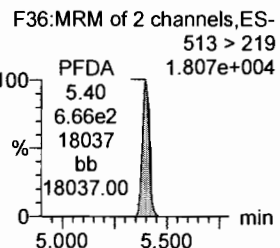
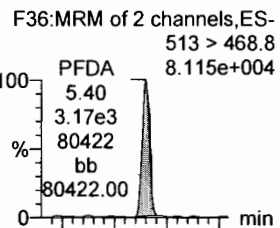
Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

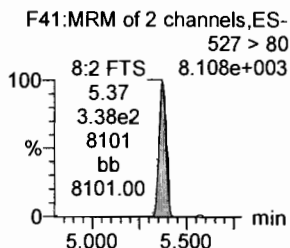
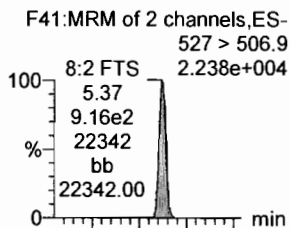
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_5, Date: 15-Mar-2018, Time: 21:31:32, ID: ST180315M1-4 PFC CS1 18C1206, Description: PFC CS1 18C1206

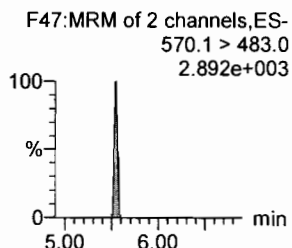
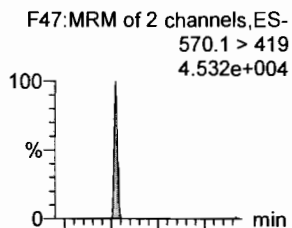
**PFDA**



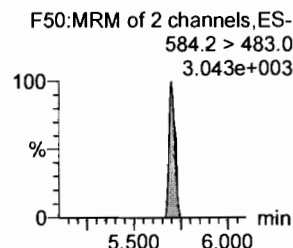
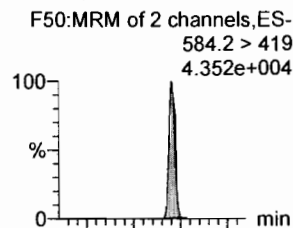
**8:2 FTS**



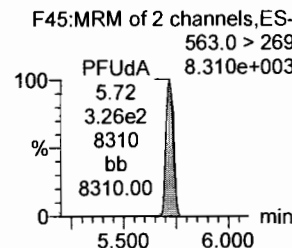
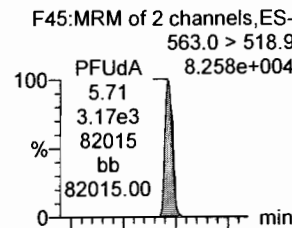
**N-MeFOSAA**



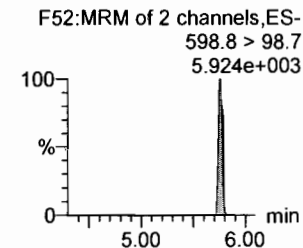
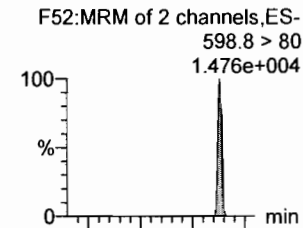
**N-EtFOSAA**



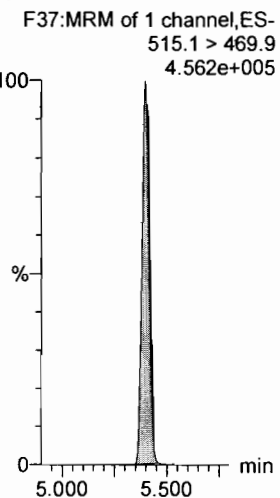
**PFUdA**



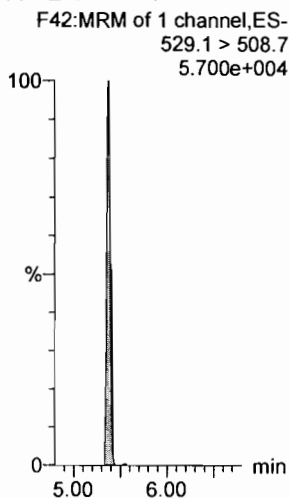
**PFDS**



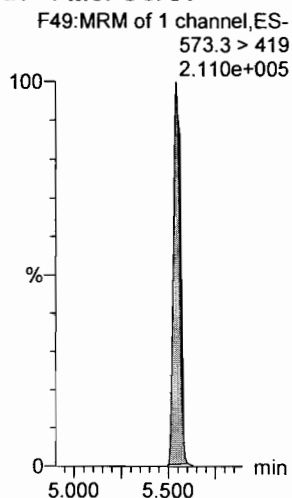
**13C2-PFDA**



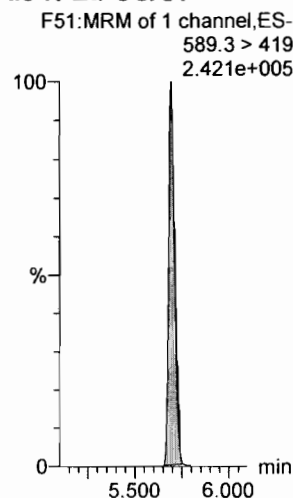
**13C2-8:2 FTS**



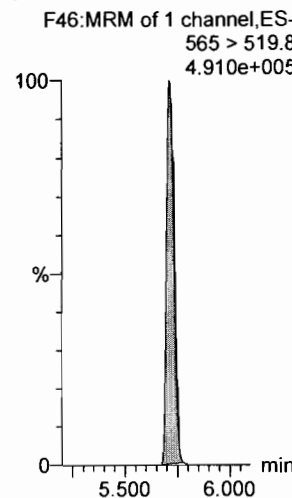
**d3-N-MeFOSAA**



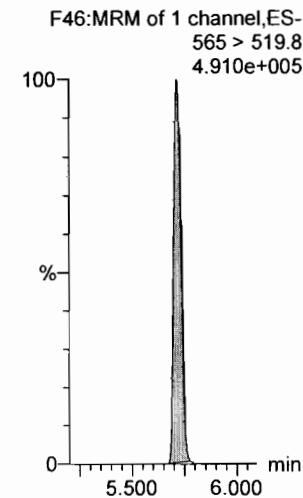
**d5-N-EtFOSAA**



**13C2-PFUdA**



**13C2-PFUdA**



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

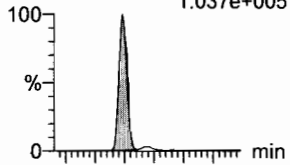
Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

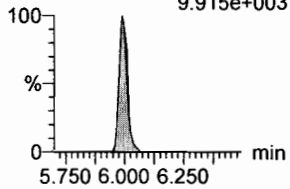
Name: 180315M1\_5, Date: 15-Mar-2018, Time: 21:31:32, ID: ST180315M1-4 PFC CS1 18C1206, Description: PFC CS1 18C1206

**PFDoA**

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
1.037e+005

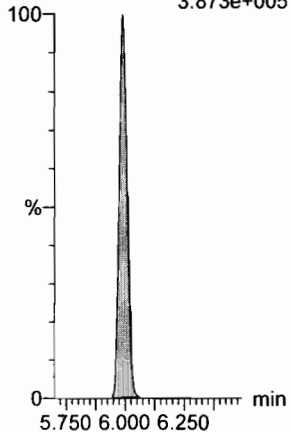


F53:MRM of 4 channels,ES-  
612.9 > 318.8  
9.915e+003



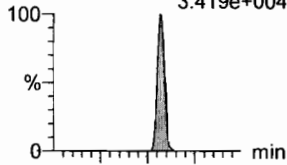
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
3.873e+005

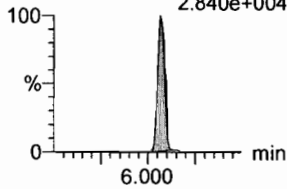


**N-MeFOSA**

F35:MRM of 2 channels,ES-  
512.1 > 168.9  
3.419e+004

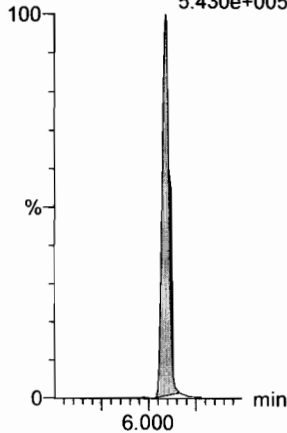


F35:MRM of 2 channels,ES-  
512.1 > 219  
2.840e+004



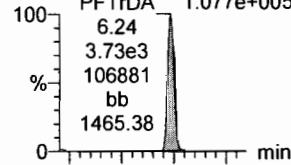
**d3-N-MeFOSA**

F38:MRM of 1 channel,ES-  
515.2 > 168.9  
5.430e+005

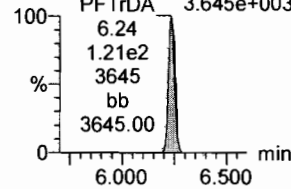


**PFTeDA**

F59:MRM of 2 channels,ES-  
662.9 > 618.9  
1.077e+005

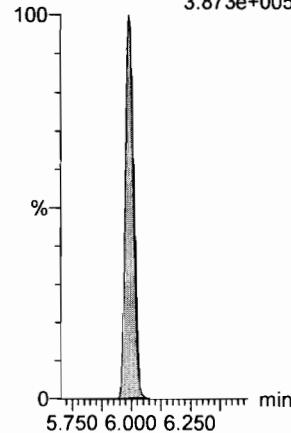


F59:MRM of 2 channels,ES-  
662.9 > 319  
3.645e+003



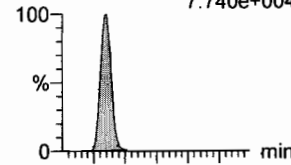
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
3.873e+005

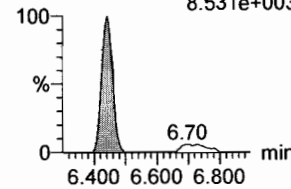


**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
7.740e+004

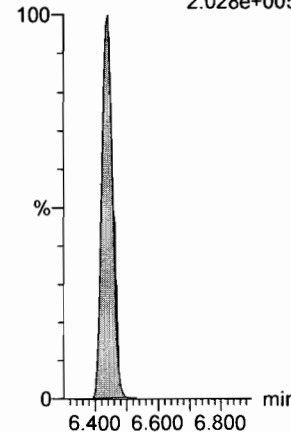


F60:MRM of 2 channels,ES-  
712.9 > 369  
8.531e+003



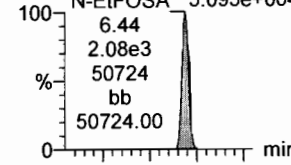
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
2.028e+005

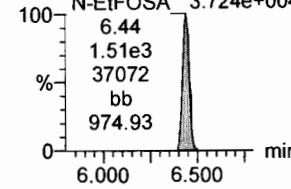


**N-EtFOSA**

F40:MRM of 2 channels,ES-  
526.1 > 168.9  
5.095e+004

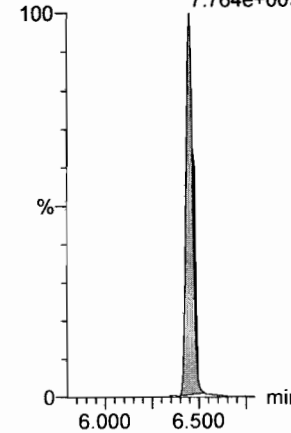


F40:MRM of 2 channels,ES-  
526.1 > 219  
3.724e+004



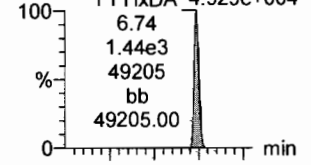
**d5-N-ETFOSA**

F43:MRM of 1 channel,ES-  
531.1 > 168.9  
7.764e+005

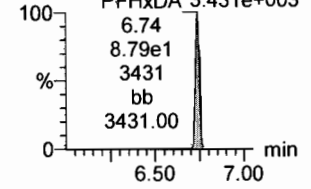


**PFHxDA**

F62:MRM of 2 channels,ES-  
813.1 > 768.6  
4.929e+004

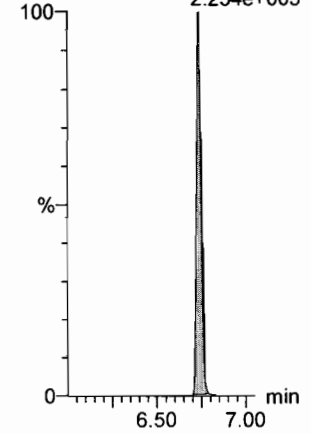


F62:MRM of 2 channels,ES-  
813.1 > 219  
3.431e+003



**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
2.254e+005



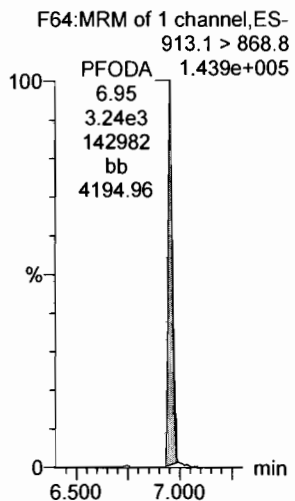
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Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

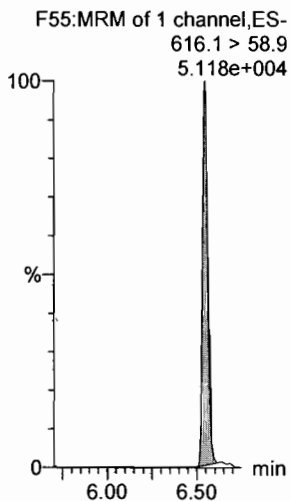
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_5, Date: 15-Mar-2018, Time: 21:31:32, ID: ST180315M1-4 PFC CS1 18C1206, Description: PFC CS1 18C1206

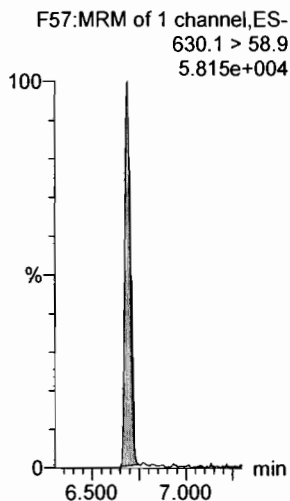
**PFODA**



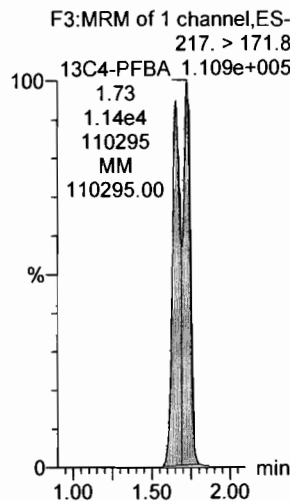
**N-MeFOSE**



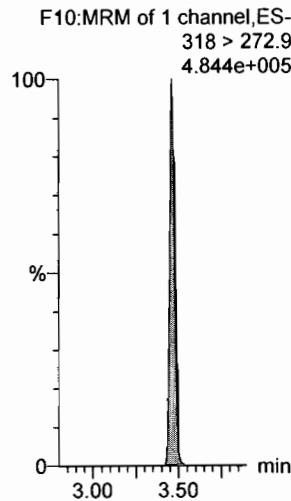
**N-EtFOSE**



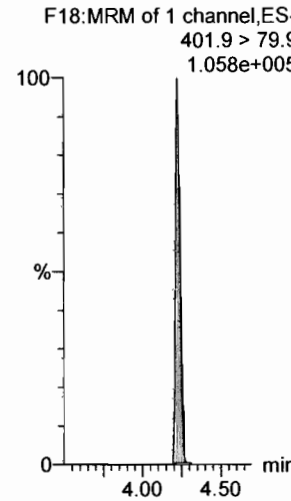
**13C4-PFBA**



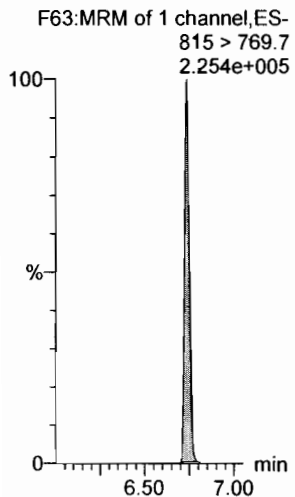
**13C5-PFHxA**



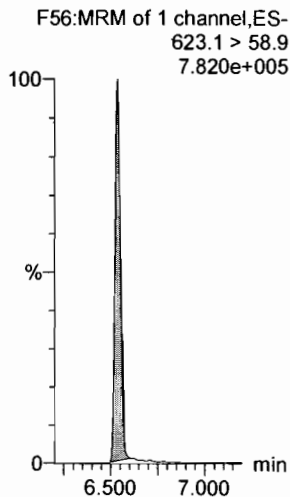
**13C3-PFHxS**



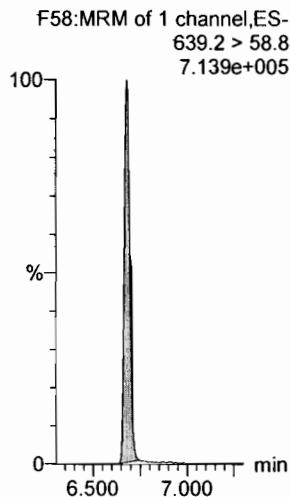
**13C2-PFHxDA**



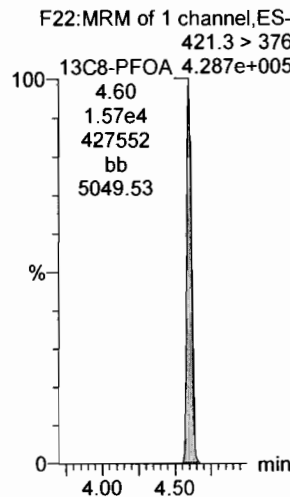
**d7-N-MeFOSE**



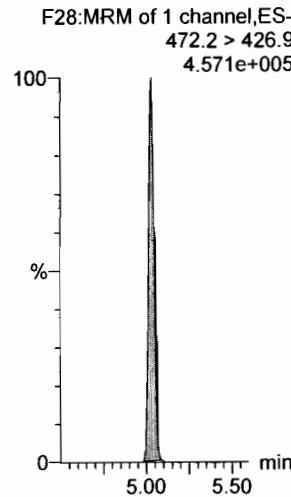
**d9-N-EtFOSE**



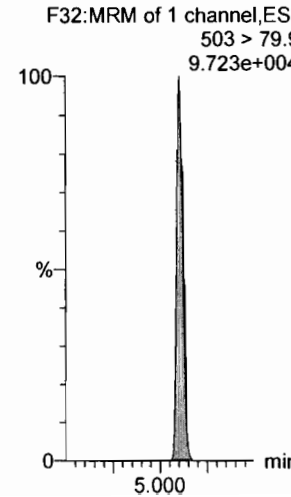
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

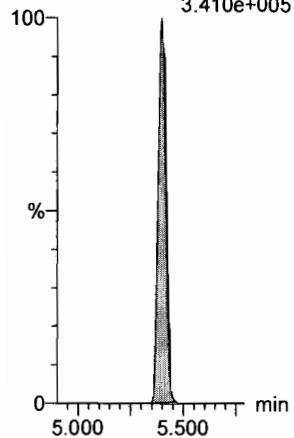
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Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_5, Date: 15-Mar-2018, Time: 21:31:32, ID: ST180315M1-4 PFC CS1 18C1206, Description: PFC CS1 18C1206

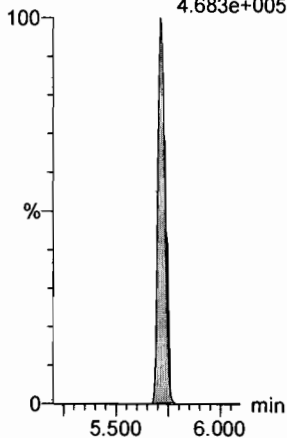
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
3.410e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
4.683e+005



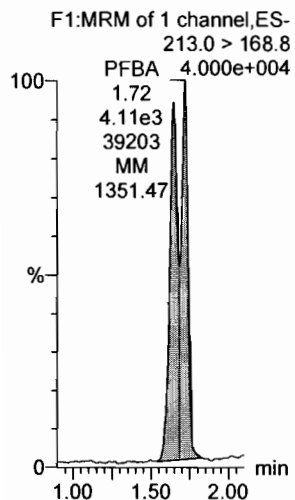
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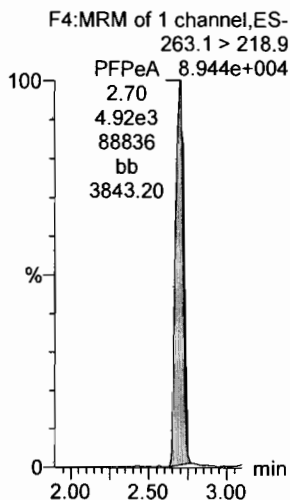
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Name: 180315M1\_6, Date: 15-Mar-2018, Time: 21:42:59, ID: ST180315M1-5 PFC CS2 18C1207, Description: PFC CS2 18C1207

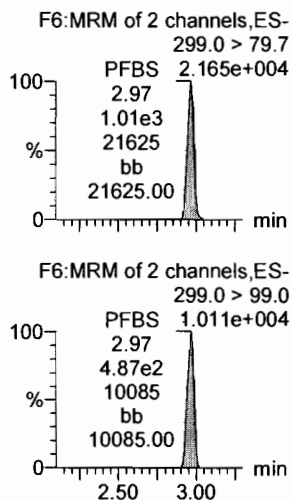
**PFBA**



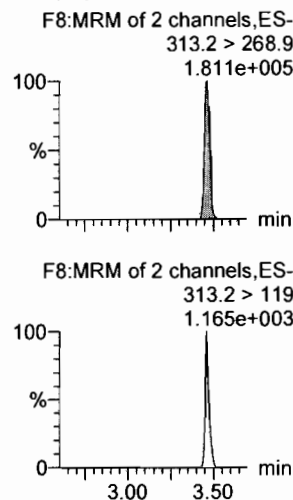
**PFPeA**



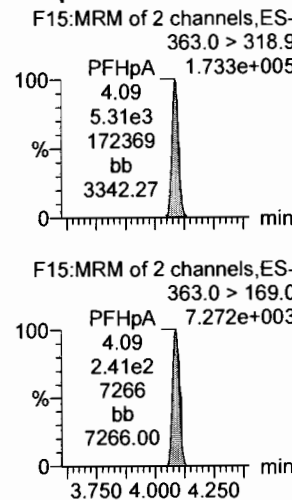
**PFBS**



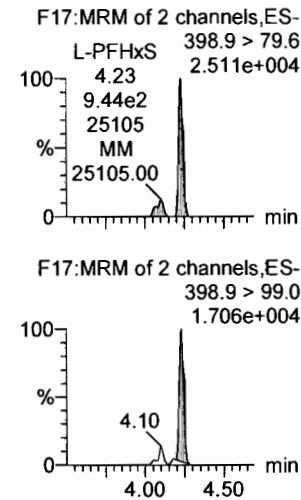
**PFHxA**



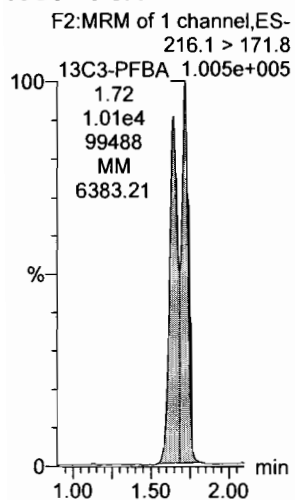
**PFHpA**



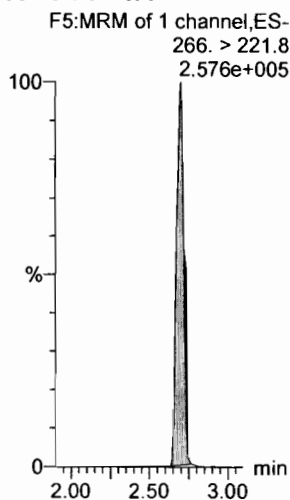
**L-PFHxS**



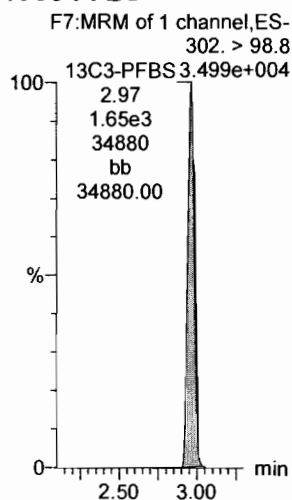
**13C3-PFBA**



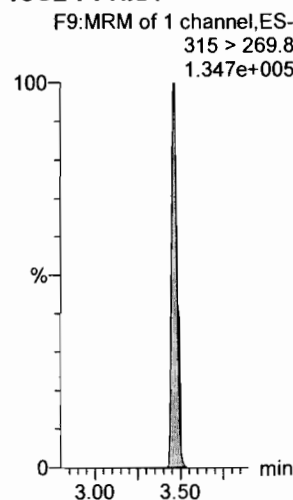
**13C3-PFPeA**



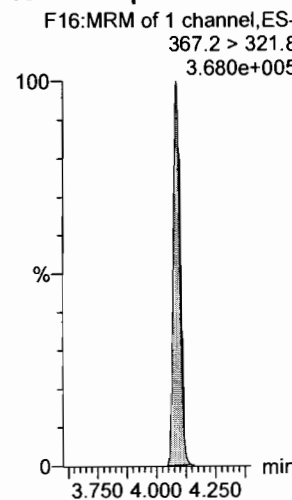
**13C3-PFBS**



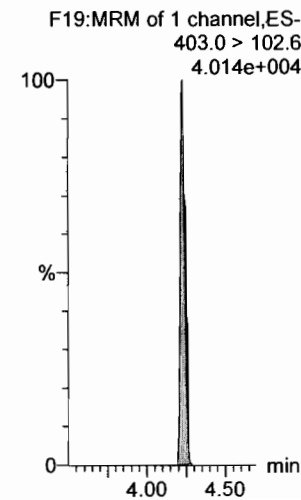
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



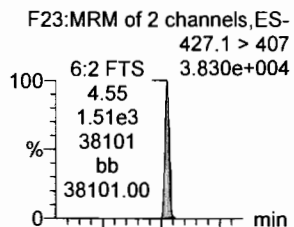
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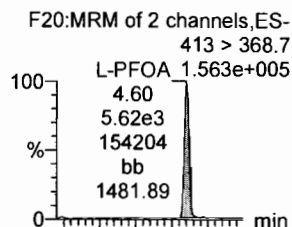
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Name: 180315M1\_6, Date: 15-Mar-2018, Time: 21:42:59, ID: ST180315M1-5 PFC CS2 18C1207, Description: PFC CS2 18C1207

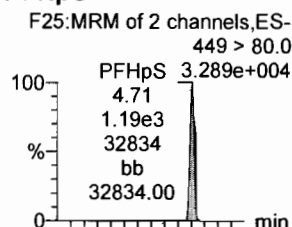
6:2 FTS



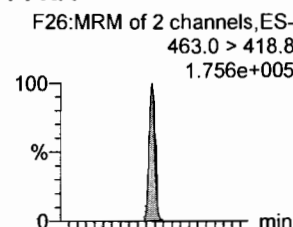
L-PFOA



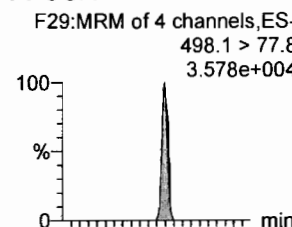
PFHpS



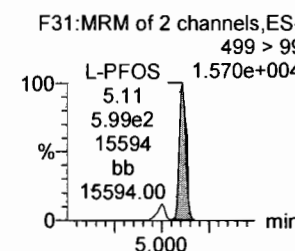
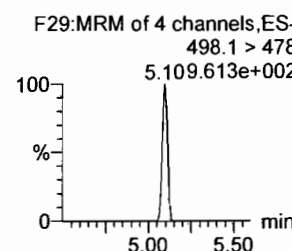
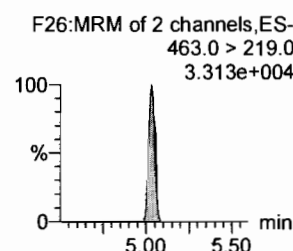
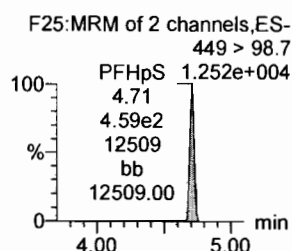
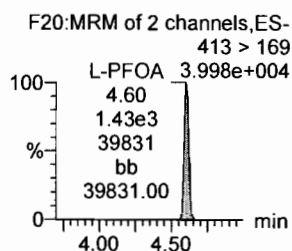
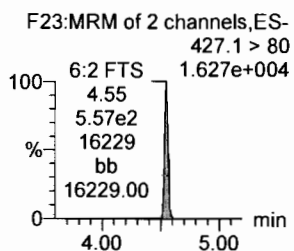
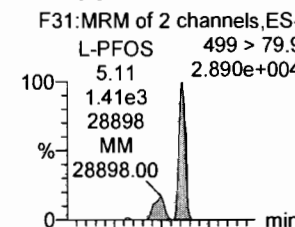
PFNA



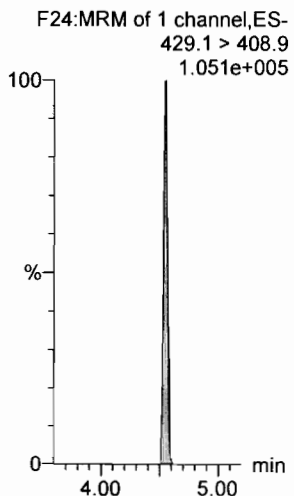
PFOSA



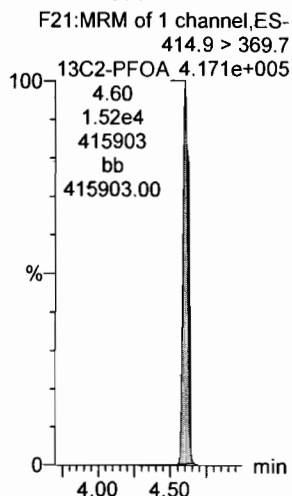
L-PFOS



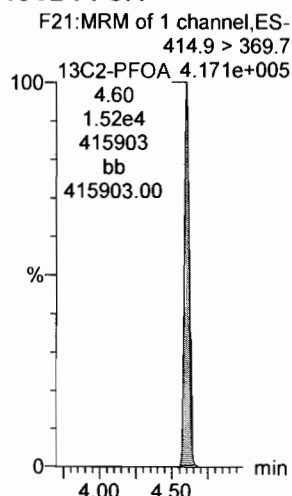
13C2-6:2 FTS



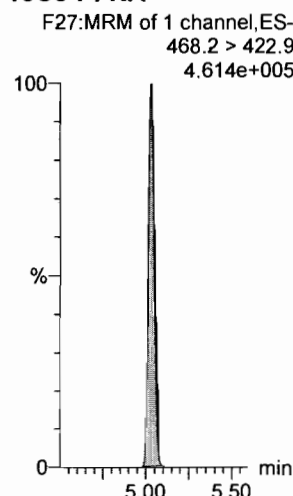
13C2-PFOA



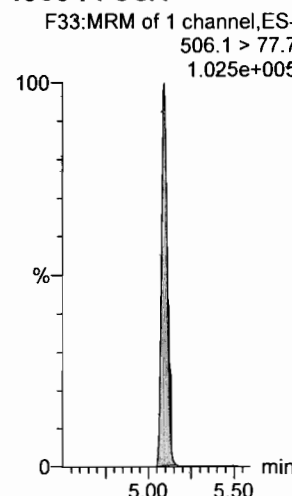
13C2-PFOA



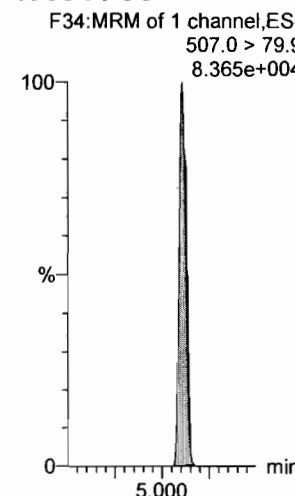
13C5-PFNA



13C8-PFOSA



13C8-PFOS

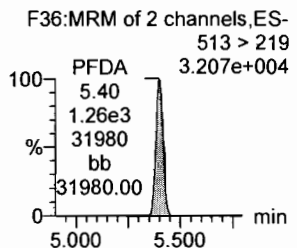
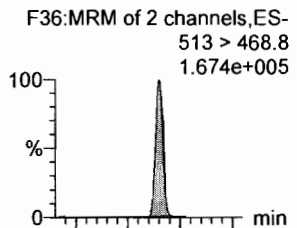


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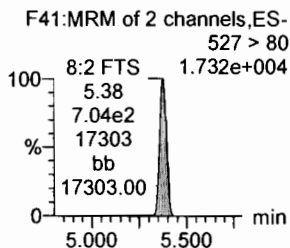
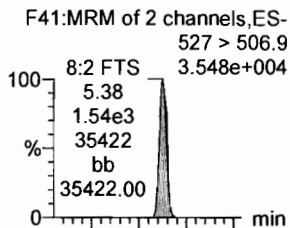
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Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_6, Date: 15-Mar-2018, Time: 21:42:59, ID: ST180315M1-5 PFC CS2 18C1207, Description: PFC CS2 18C1207

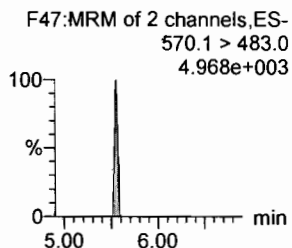
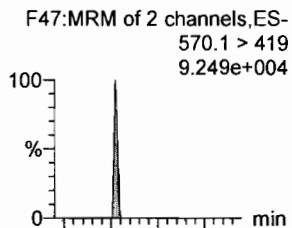
**PFDA**



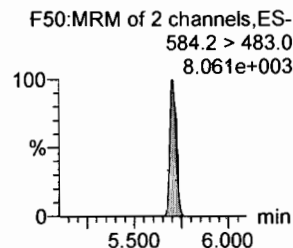
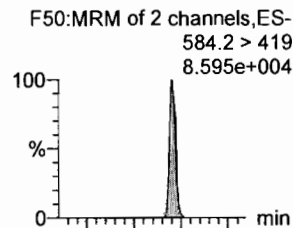
**8:2 FTS**



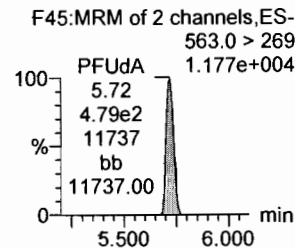
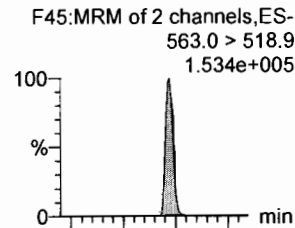
**N-MeFOSAA**



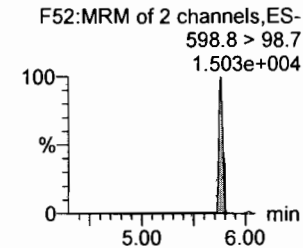
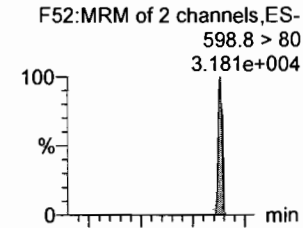
**N-EtFOSAA**



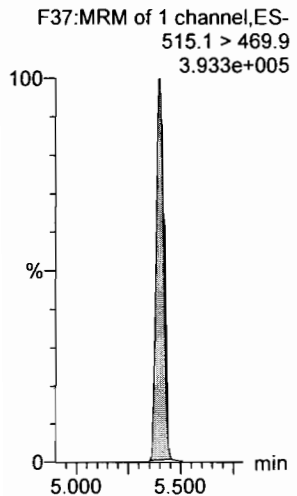
**PFUdA**



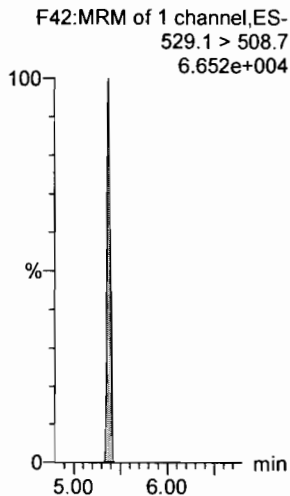
**PFDS**



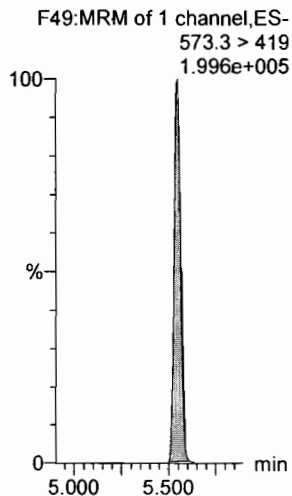
**13C2-PFDA**



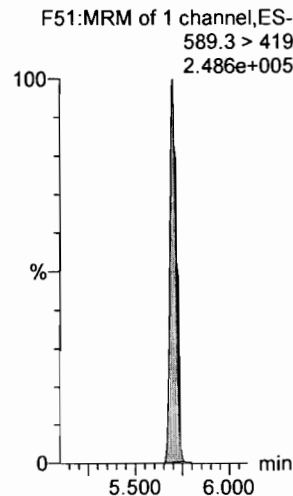
**13C2-8:2 FTS**



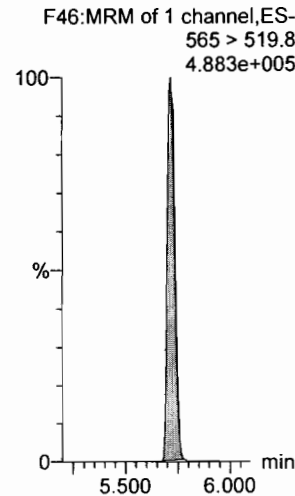
**d3-N-MeFOSAA**



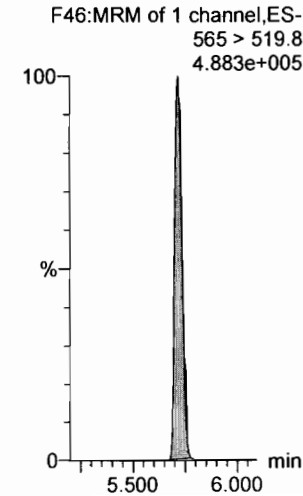
**d5-N-EtFOSAA**



**13C2-PFUdA**



**13C2-PFDS**



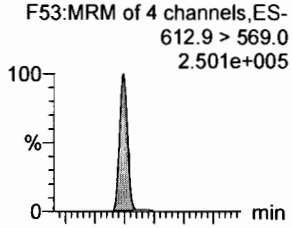


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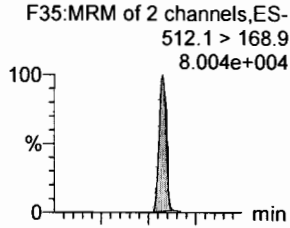
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Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_6, Date: 15-Mar-2018, Time: 21:42:59, ID: ST180315M1-5 PFC CS2 18C1207, Description: PFC CS2 18C1207

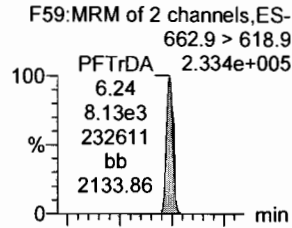
**PFDoA**



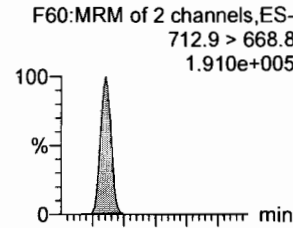
**N-MeFOSA**



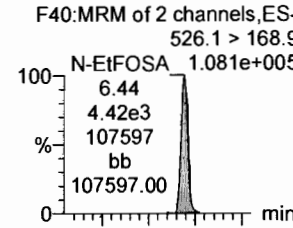
**PFTrDA**



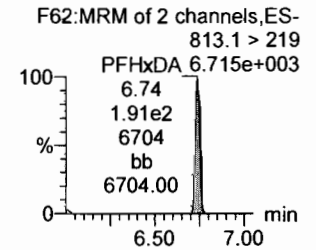
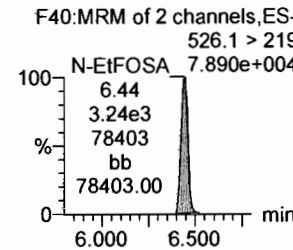
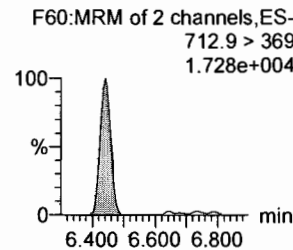
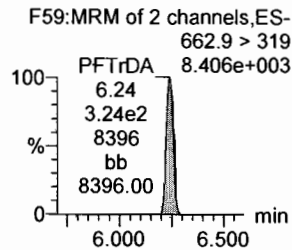
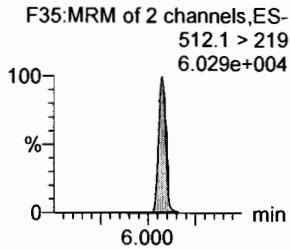
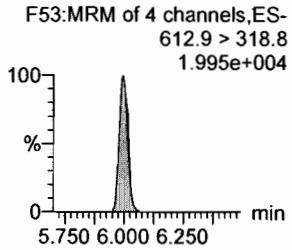
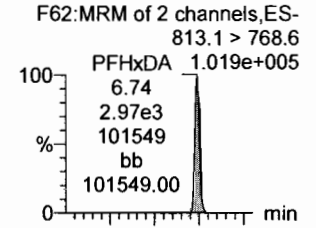
**PFTeDA**



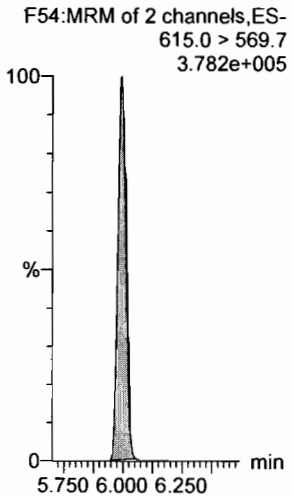
**N-EtFOSA**



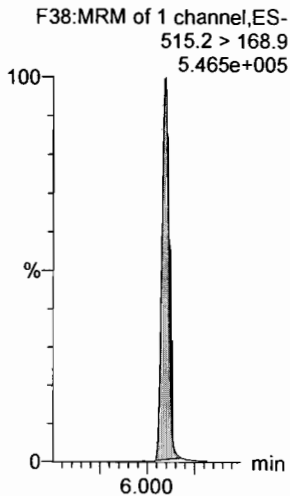
**PFHxDA**



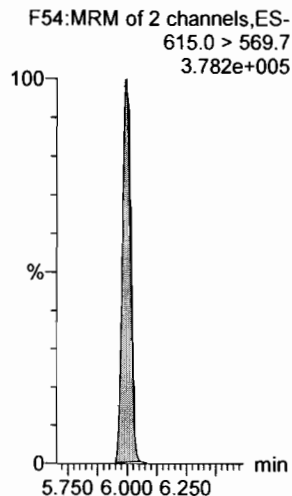
**13C2-PFDoA**



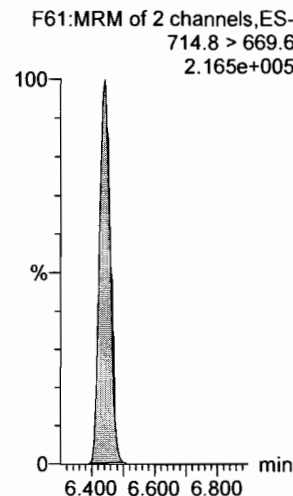
**d3-N-MeFOSA**



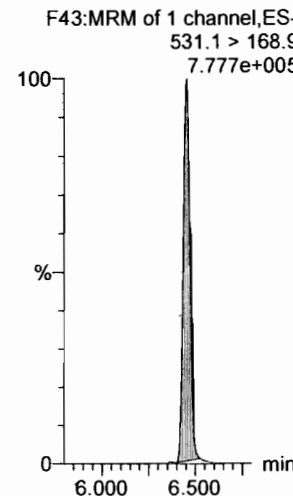
**13C2-PFDoA**



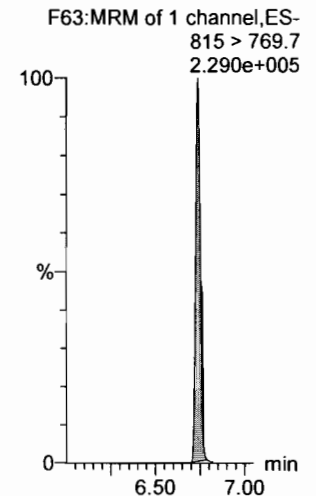
**13C2-PFTeDA**



**d5-N-ETFOSA**



**13C2-PFHxDA**



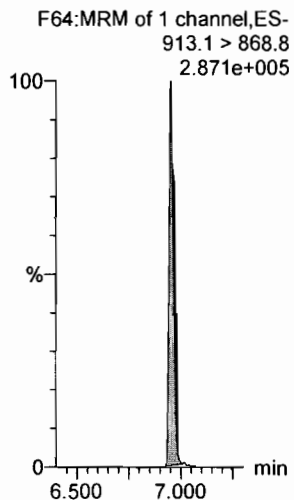
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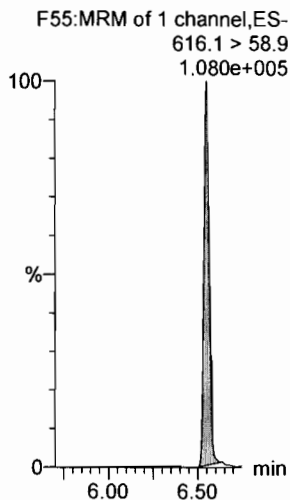
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_6, Date: 15-Mar-2018, Time: 21:42:59, ID: ST180315M1-5 PFC CS2 18C1207, Description: PFC CS2 18C1207

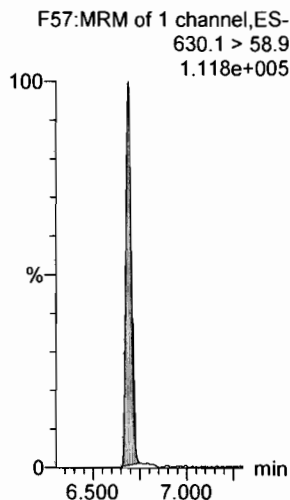
**PFODA**



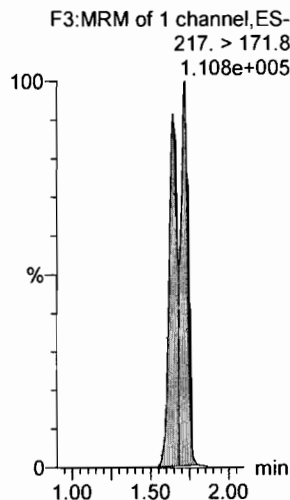
**N-MeFOSE**



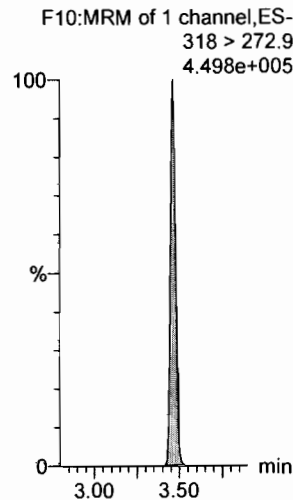
**N-EtFOSE**



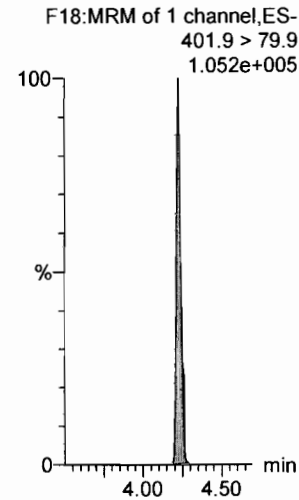
**13C4-PFBA**



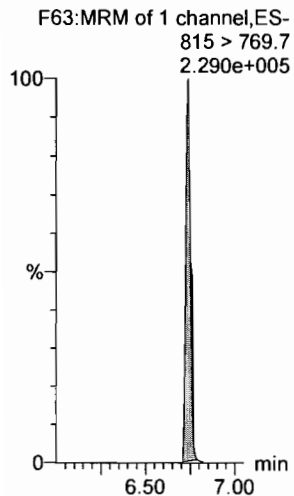
**13C5-PFHxA**



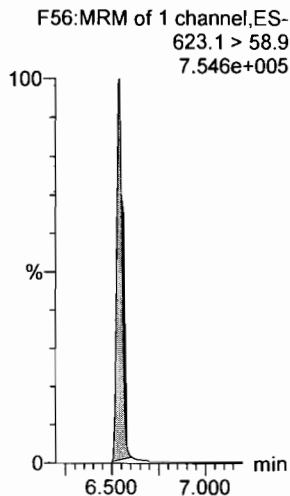
**13C3-PFHxS**



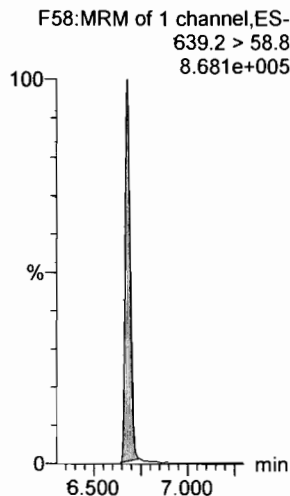
**13C2-PFHxDa**



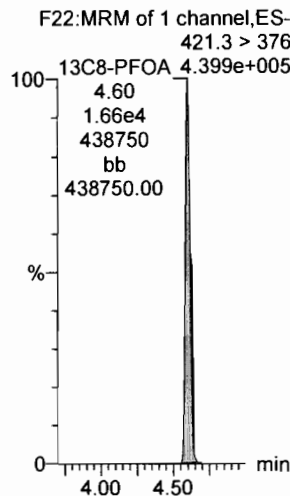
**d7-N-MeFOSE**



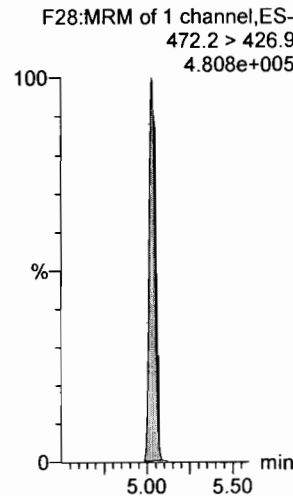
**d9-N-EtFOSE**



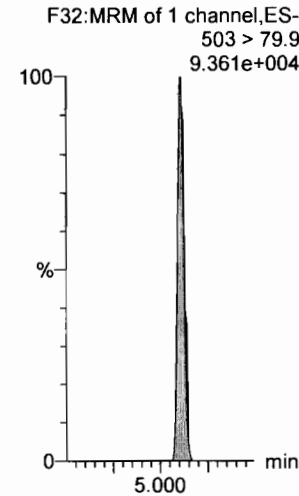
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

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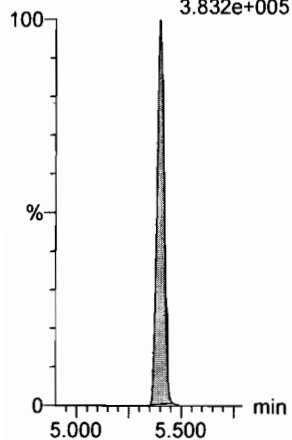
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_6, Date: 15-Mar-2018, Time: 21:42:59, ID: ST180315M1-5 PFC CS2 18C1207, Description: PFC CS2 18C1207

13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7

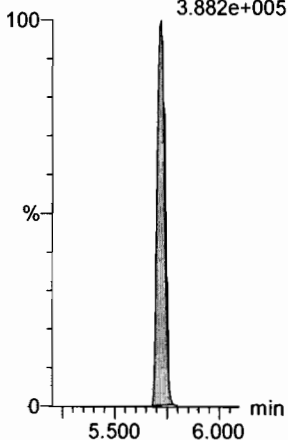
3.832e+005



13C7-PFUdA

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

3.882e+005



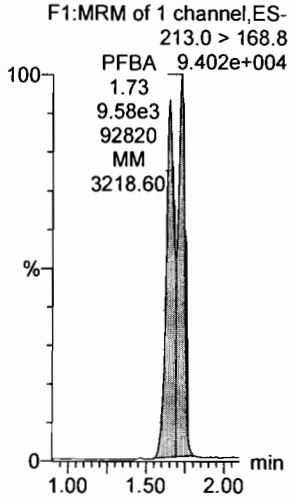
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Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

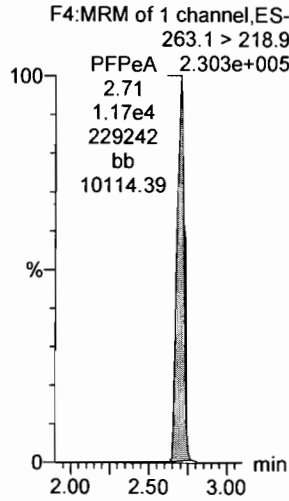
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Name: 180315M1\_7, Date: 15-Mar-2018, Time: 21:54:26, ID: ST180315M1-6 PFC CS3 18C1208, Description: PFC CS3 18C1208

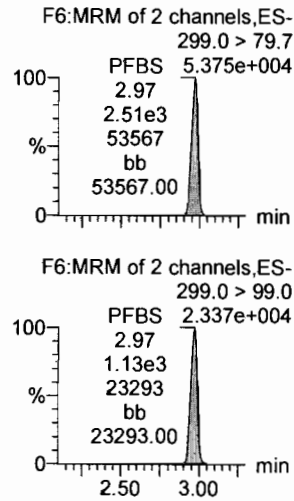
**PFBA**



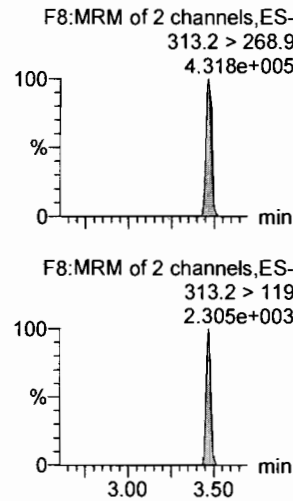
**PFPeA**



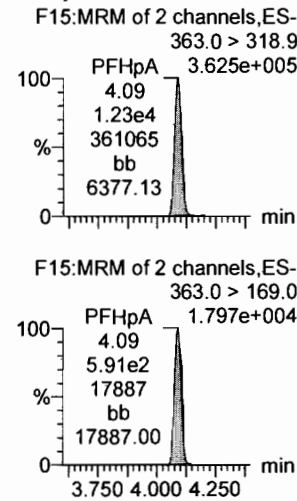
**PFBS**



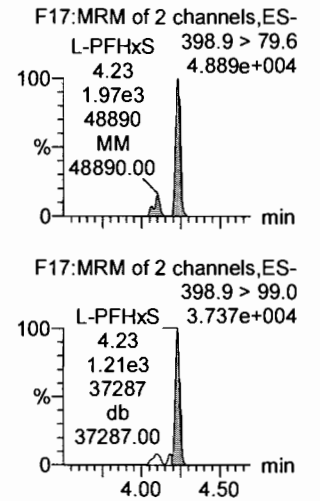
**PFHxA**



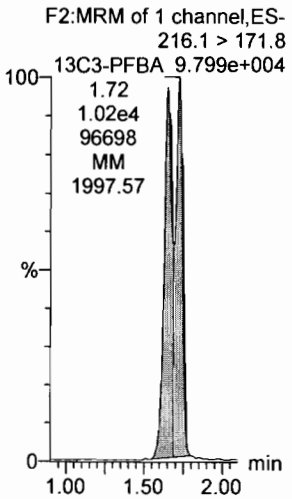
**PFHpA**



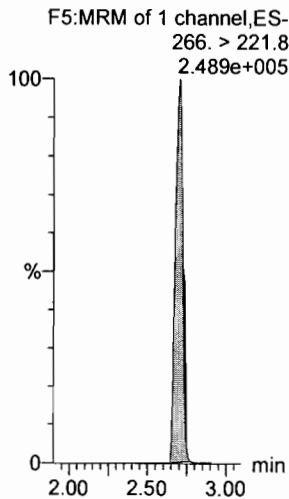
**L-PFHxS**



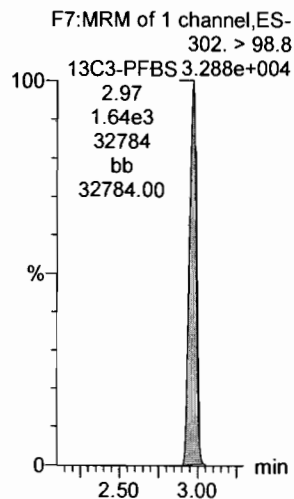
**13C3-PFBA**



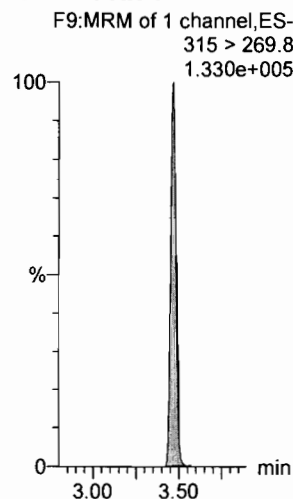
**13C3-PFPeA**



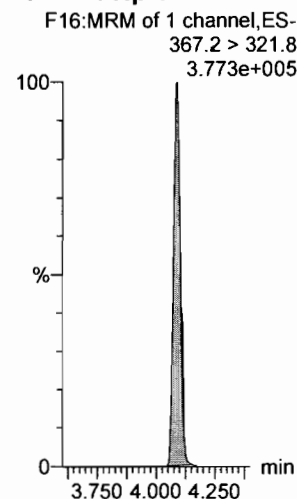
**13C3-PFBS**



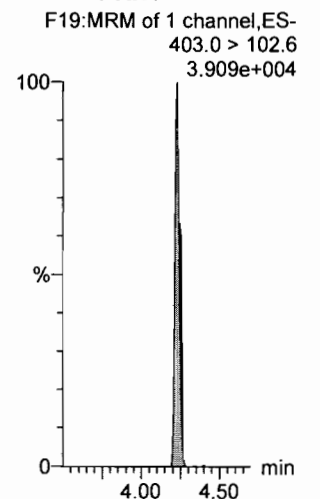
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



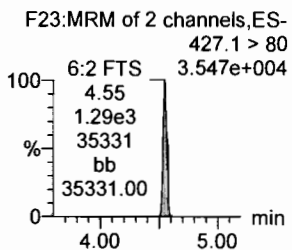
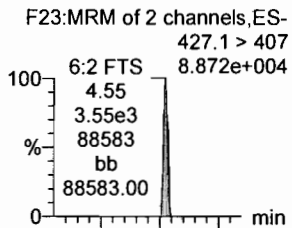
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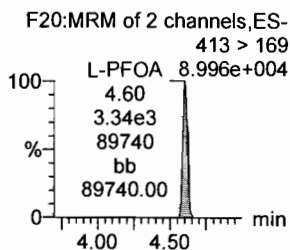
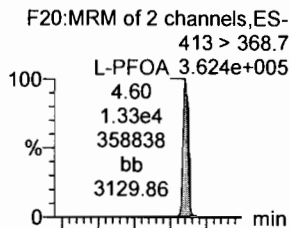
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Name: 180315M1\_7, Date: 15-Mar-2018, Time: 21:54:26, ID: ST180315M1-6 PFC CS3 18C1208, Description: PFC CS3 18C1208

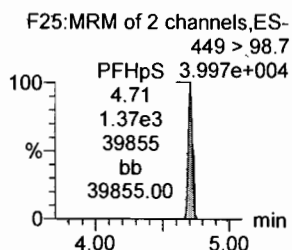
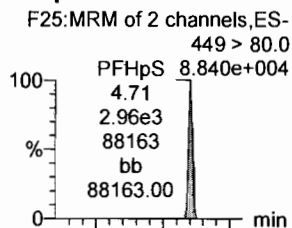
**6:2 FTS**



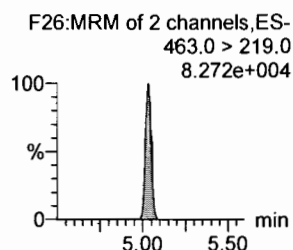
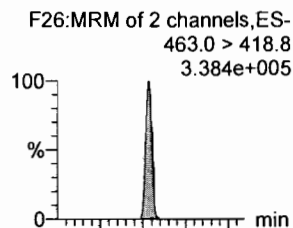
**L-PFOA**



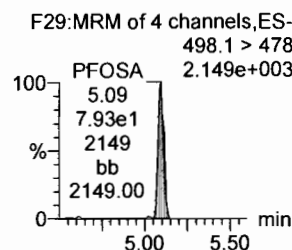
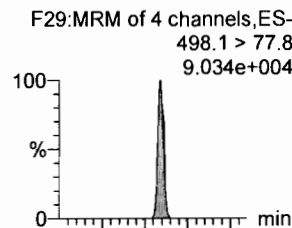
**PFHpS**



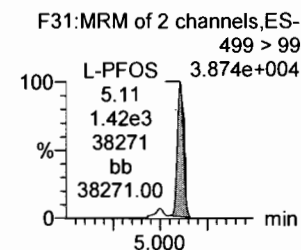
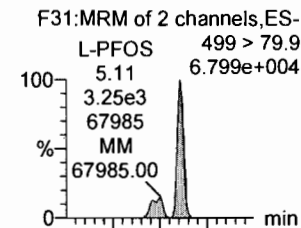
**PFNA**



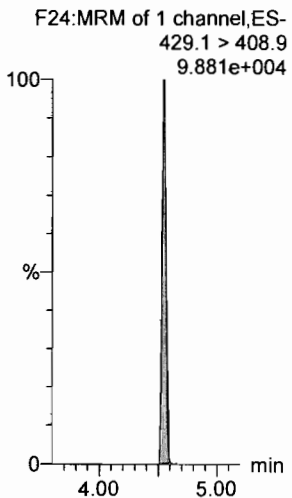
**PFOSA**



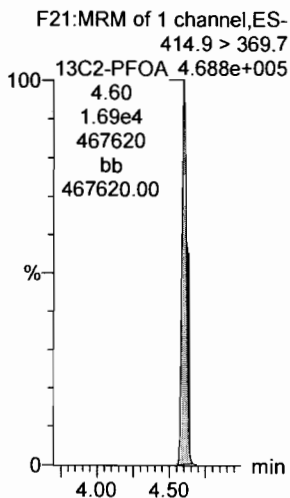
**L-PFOS**



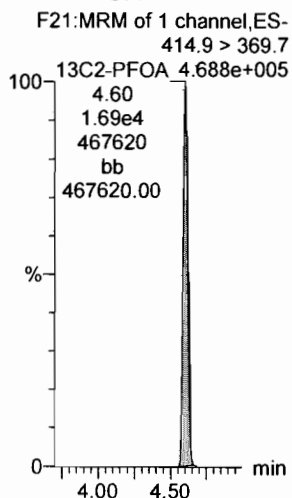
**13C2-6:2 FTS**



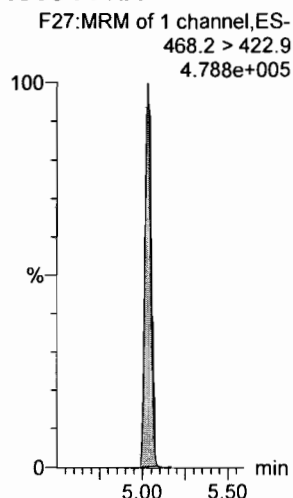
**13C2-PFOA**



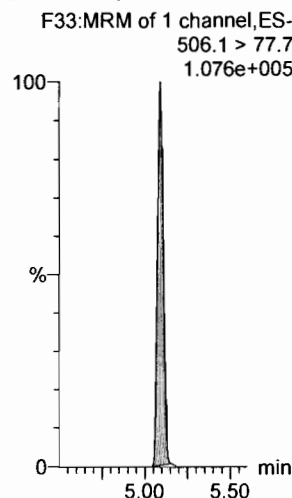
**13C2-PFOA**



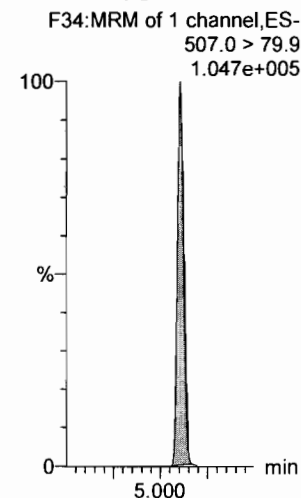
**13C5-PFNA**



**13C8-PFOSA**



**13C8-PFOS**



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

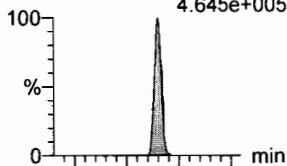
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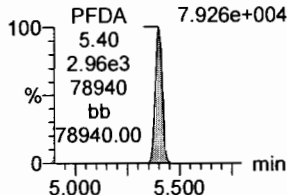
Name: 180315M1\_7, Date: 15-Mar-2018, Time: 21:54:26, ID: ST180315M1-6 PFC CS3 18C1208, Description: PFC CS3 18C1208

**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
4.645e+005

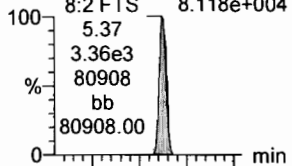


F36:MRM of 2 channels,ES-  
513 > 219  
7.926e+004

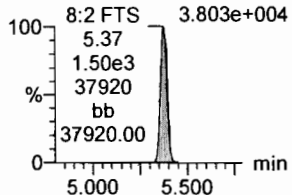


**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
8.118e+004

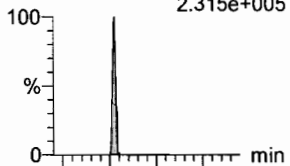


F41:MRM of 2 channels,ES-  
527 > 80  
3.803e+004

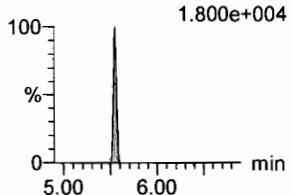


**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
2.315e+005

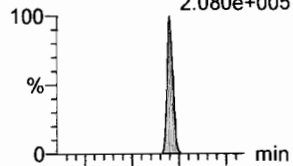


F47:MRM of 2 channels,ES-  
570.1 > 483.0  
1.800e+004

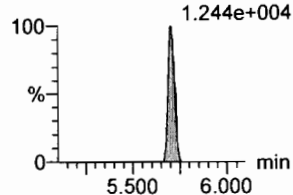


**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
2.080e+005

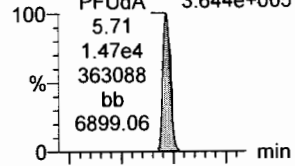


F50:MRM of 2 channels,ES-  
584.2 > 483.0  
1.244e+004

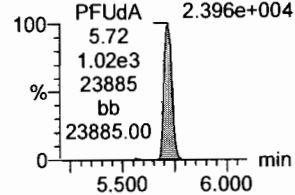


**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
3.644e+005

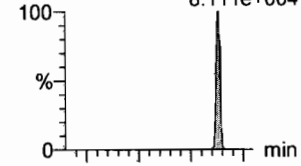


F45:MRM of 2 channels,ES-  
563.0 > 269  
2.396e+004

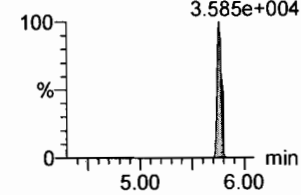


**PFDS**

F52:MRM of 2 channels,ES-  
598.8 > 80  
8.111e+004

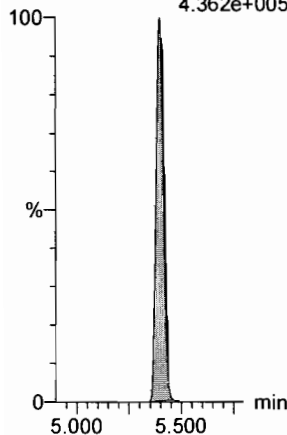


F52:MRM of 2 channels,ES-  
598.8 > 98.7  
3.585e+004



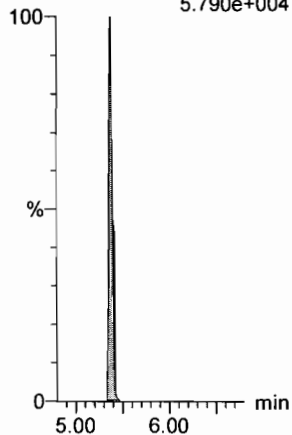
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
4.362e+005



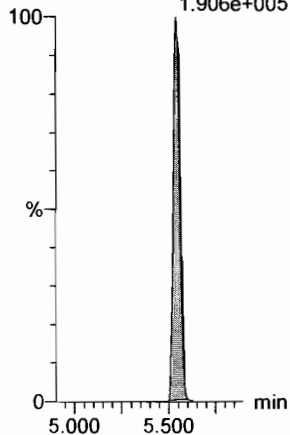
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
5.790e+004



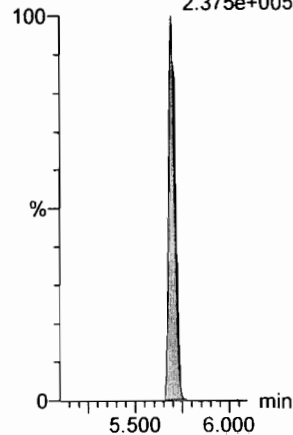
**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
1.906e+005



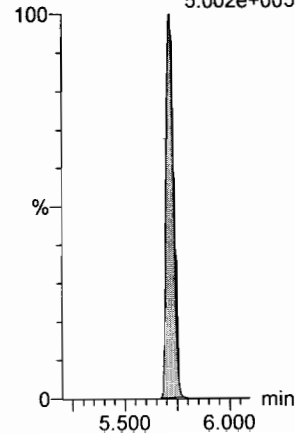
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
2.375e+005



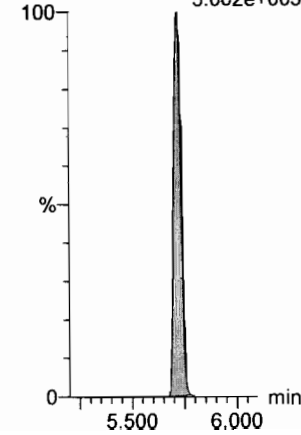
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
5.002e+005



**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
5.002e+005



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

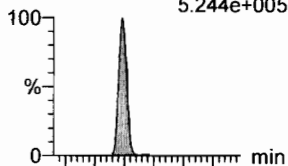
Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

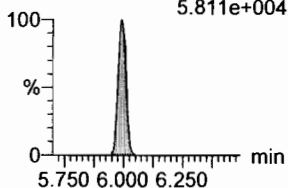
Name: 180315M1\_7, Date: 15-Mar-2018, Time: 21:54:26, ID: ST180315M1-6 PFC CS3 18C1208, Description: PFC CS3 18C1208

**PFDoA**

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
5.244e+005

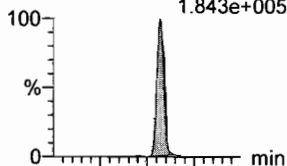


F53:MRM of 4 channels,ES-  
612.9 > 318.8  
5.811e+004

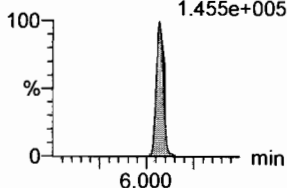


**N-MeFOSA**

F35:MRM of 2 channels,ES-  
512.1 > 168.9  
1.843e+005

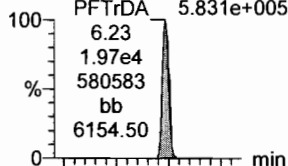


F35:MRM of 2 channels,ES-  
512.1 > 219  
1.455e+005

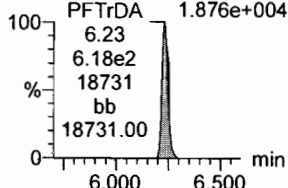


**PFTTrDA**

F59:MRM of 2 channels,ES-  
662.9 > 618.9  
5.831e+005

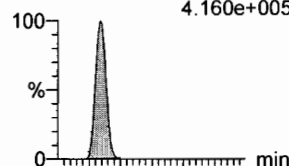


F59:MRM of 2 channels,ES-  
662.9 > 319  
1.876e+004

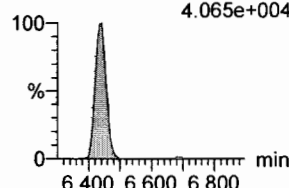


**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
4.160e+005

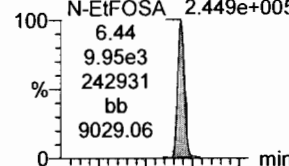


F60:MRM of 2 channels,ES-  
712.9 > 369  
4.065e+004

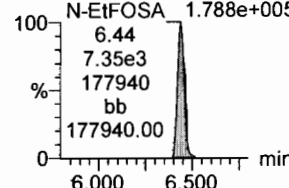


**N-EtFOSA**

F40:MRM of 2 channels,ES-  
526.1 > 168.9  
2.449e+005

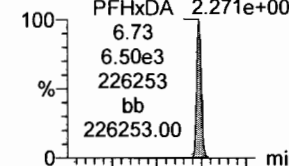


F40:MRM of 2 channels,ES-  
526.1 > 219  
1.788e+005

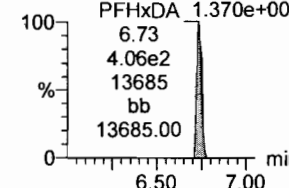


**PFHxDA**

F62:MRM of 2 channels,ES-  
813.1 > 768.6  
2.271e+005

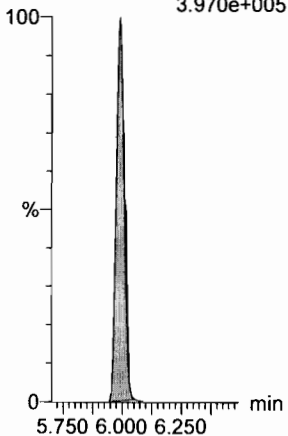


F62:MRM of 2 channels,ES-  
813.1 > 219  
1.370e+004



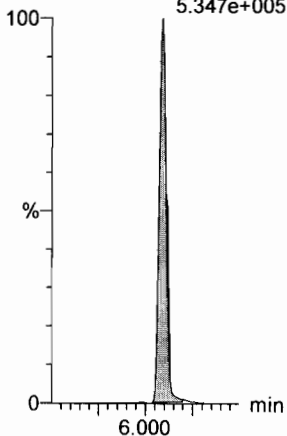
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
3.970e+005



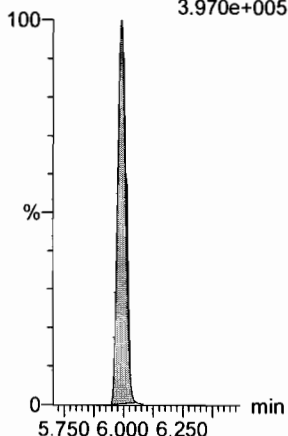
**d3-N-MeFOSA**

F38:MRM of 1 channel,ES-  
515.2 > 168.9  
5.347e+005



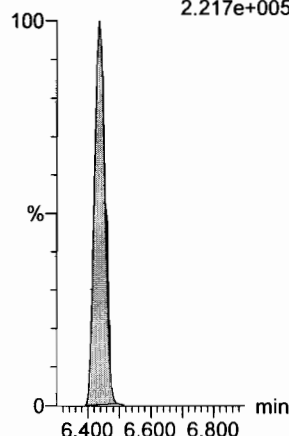
**13C2-PFTTrDA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
3.970e+005



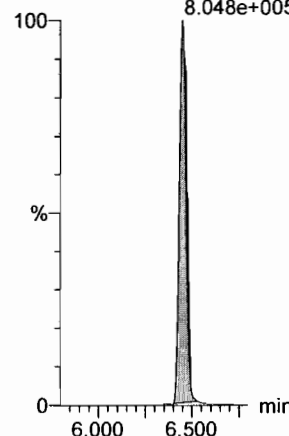
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
2.217e+005



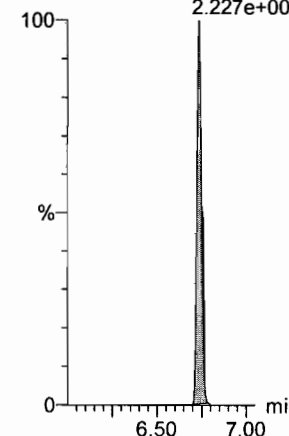
**d5-N-ETFOSA**

F43:MRM of 1 channel,ES-  
531.1 > 168.9  
8.048e+005



**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
2.227e+005

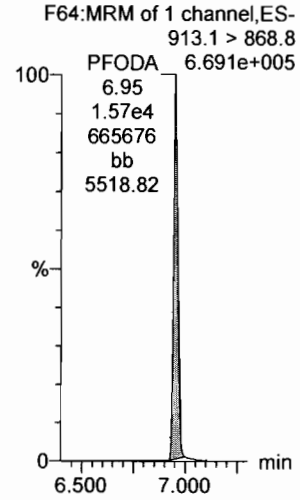


Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

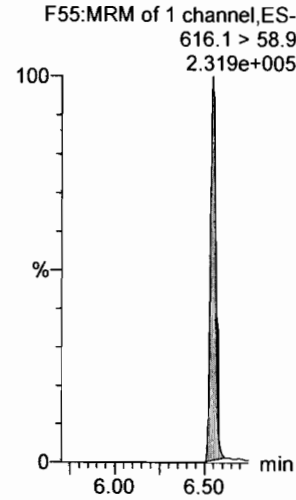
Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time  
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_7, Date: 15-Mar-2018, Time: 21:54:26, ID: ST180315M1-6 PFC CS3 18C1208, Description: PFC CS3 18C1208

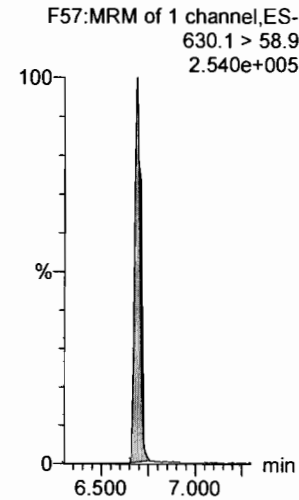
**PFODA**



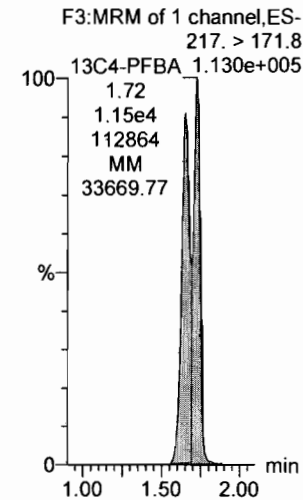
**N-MeFOSE**



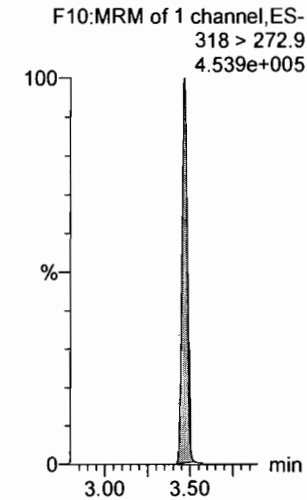
**N-EtFOSE**



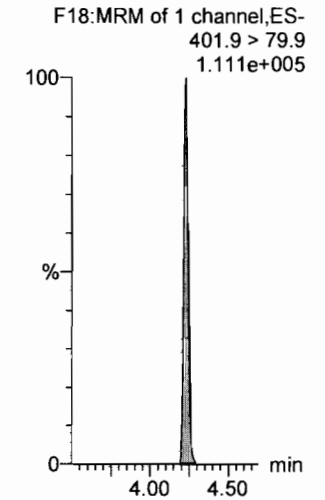
**13C4-PFBA**



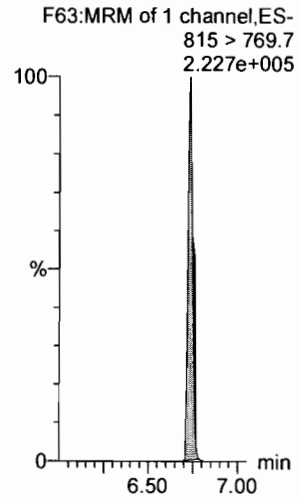
**13C5-PFHxA**



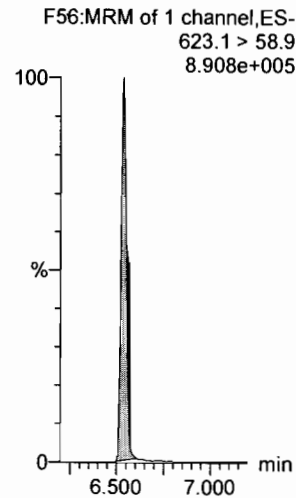
**13C3-PFHxS**



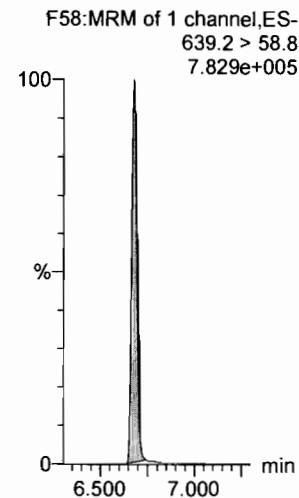
**13C2-PFHxDA**



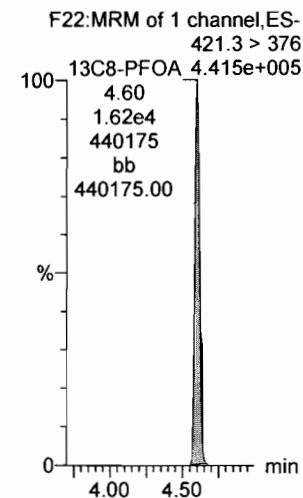
**d7-N-MeFOSE**



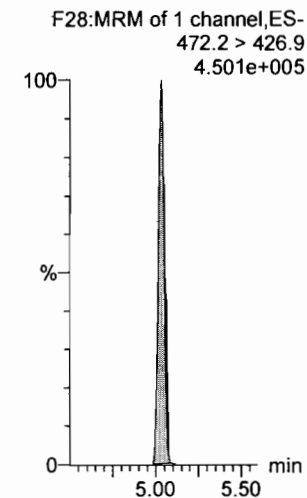
**d9-N-EtFOSE**



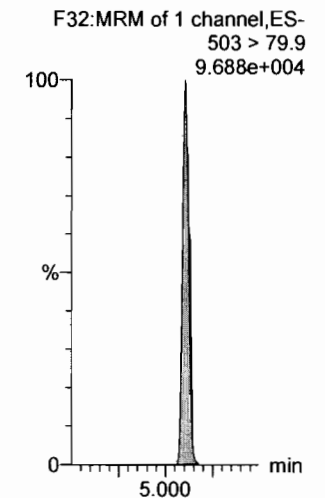
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**





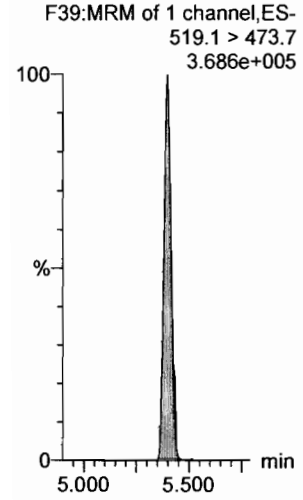
Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

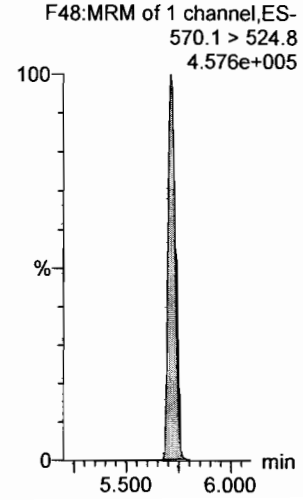
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Name: 180315M1\_7, Date: 15-Mar-2018, Time: 21:54:26, ID: ST180315M1-6 PFC CS3 18C1208, Description: PFC CS3 18C1208

**13C6-PFDA**



**13C7-PFUdA**



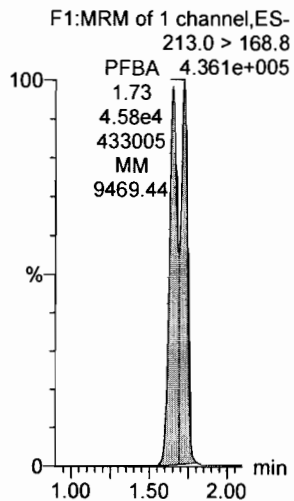
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Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

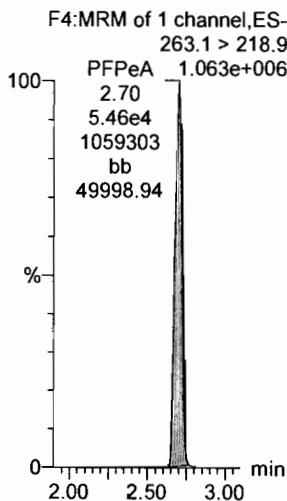
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Name: 180315M1\_8, Date: 15-Mar-2018, Time: 22:05:53, ID: ST180315M1-7 PFC CS4 18C1209, Description: PFC CS4 18C1209

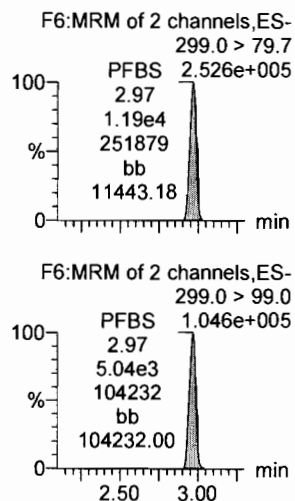
**PFBA**



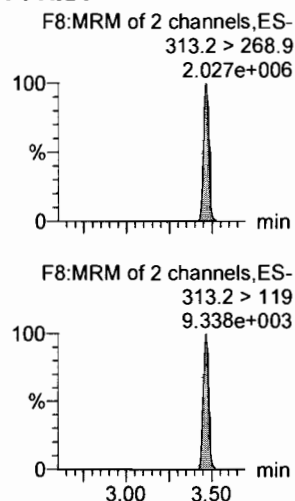
**PFPeA**



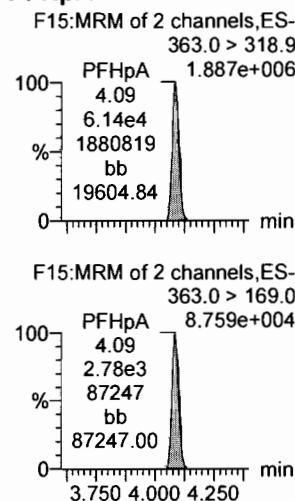
**PFBS**



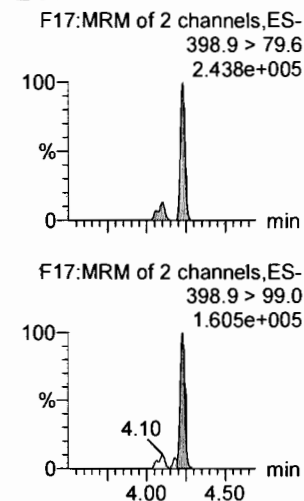
**PFHxA**



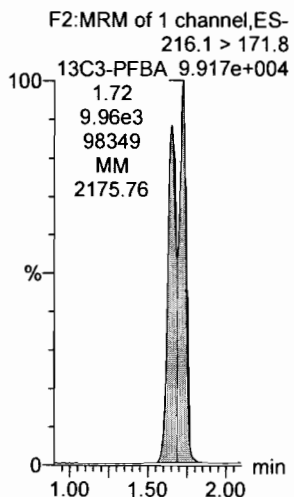
**PFHpA**



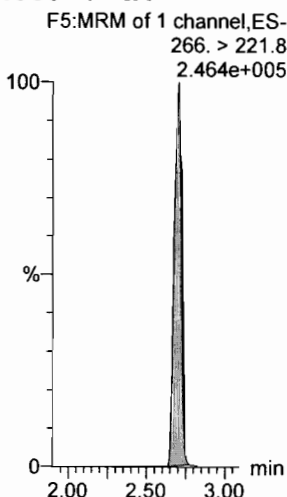
**L-PFHxS**



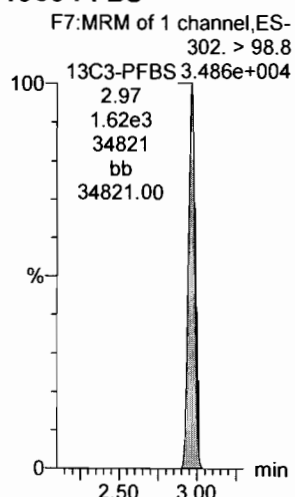
**13C3-PFBA**



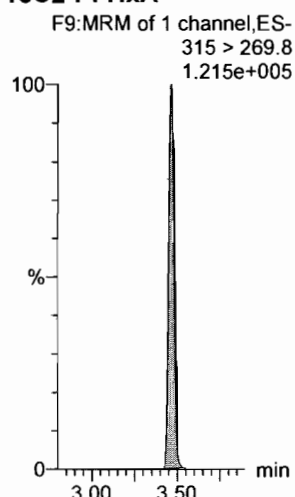
**13C3-PFPeA**



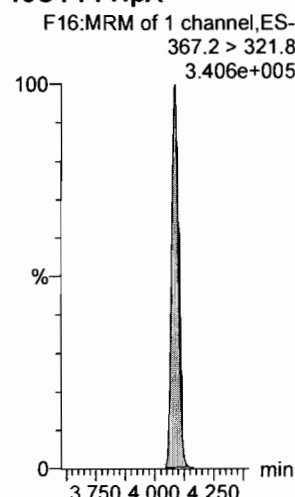
**13C3-PFBS**



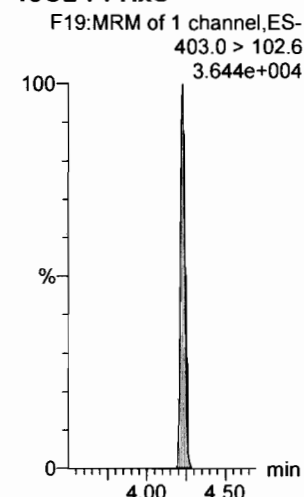
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

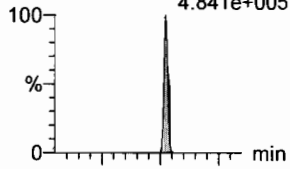
Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_8, Date: 15-Mar-2018, Time: 22:05:53, ID: ST180315M1-7 PFC CS4 18C1209, Description: PFC CS4 18C1209

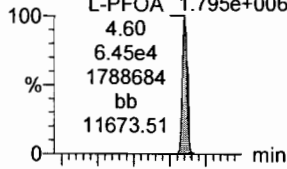
6:2 FTS

F23:MRM of 2 channels,ES-  
427.1 > 407  
4.841e+005



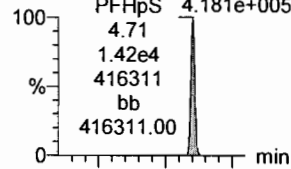
L-PFOA

F20:MRM of 2 channels,ES-  
413 > 368.7  
1.795e+006



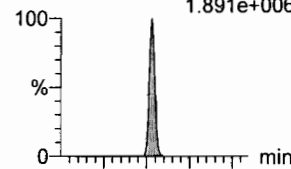
PFHpS

F25:MRM of 2 channels,ES-  
449 > 80.0  
4.181e+005



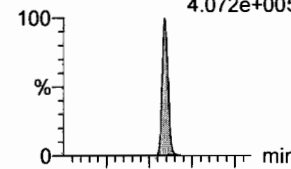
PFNA

F26:MRM of 2 channels,ES-  
463.0 > 418.8  
1.891e+006



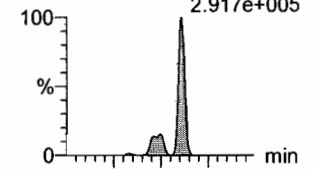
PFOSA

F29:MRM of 4 channels,ES-  
498.1 > 77.8  
4.072e+005

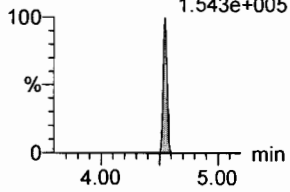


L-PFOS

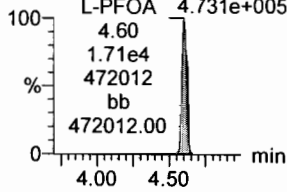
F31:MRM of 2 channels,ES-  
499 > 79.9  
2.917e+005



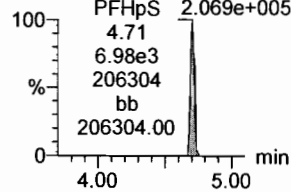
F23:MRM of 2 channels,ES-  
427.1 > 80  
1.543e+005



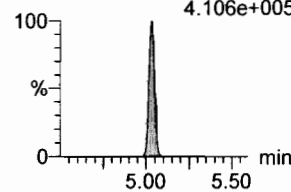
F20:MRM of 2 channels,ES-  
413 > 169  
4.731e+005



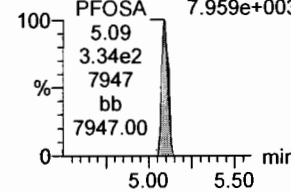
F25:MRM of 2 channels,ES-  
449 > 98.7  
2.069e+005



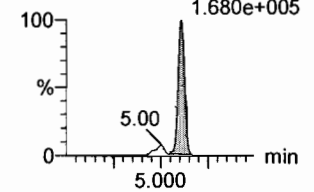
F26:MRM of 2 channels,ES-  
463.0 > 219.0  
4.106e+005



F29:MRM of 4 channels,ES-  
498.1 > 478  
7.959e+003

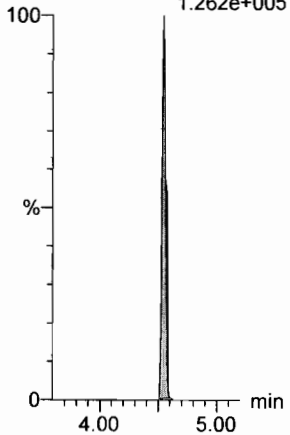


F31:MRM of 2 channels,ES-  
499 > 99  
1.680e+005



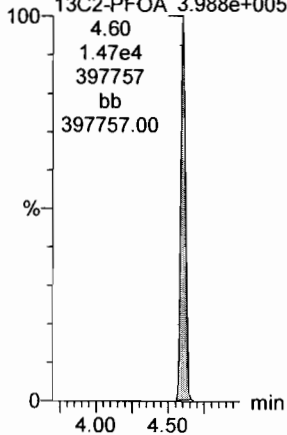
13C2-6:2 FTS

F24:MRM of 1 channel,ES-  
429.1 > 408.9  
1.262e+005



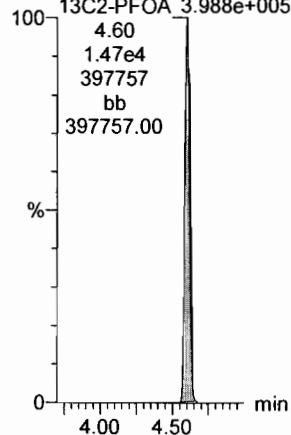
13C2-PFOA

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
3.988e+005



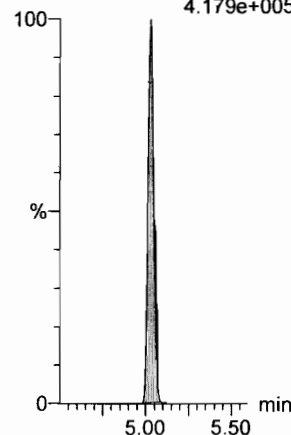
13C2-PFOA

F21:MRM of 1 channel,ES-  
414.9 > 369.7  
3.988e+005



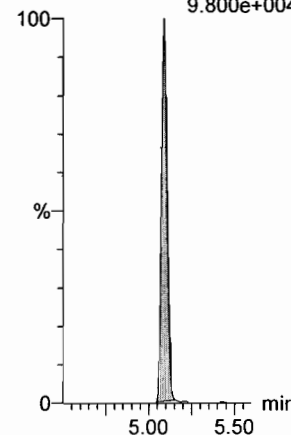
13C5-PFNA

F27:MRM of 1 channel,ES-  
468.2 > 422.9  
4.179e+005



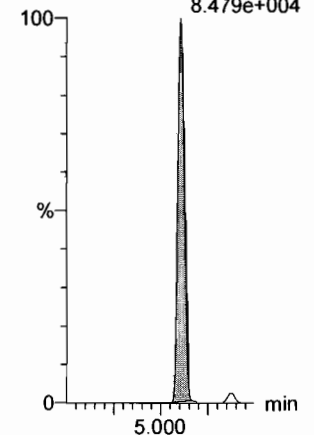
13C8-PFOA

F33:MRM of 1 channel,ES-  
506.1 > 77.7  
9.800e+004



13C8-PFOS

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
8.479e+004



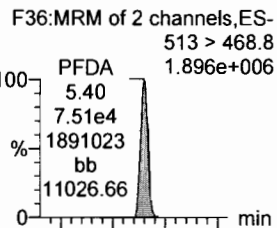
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Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

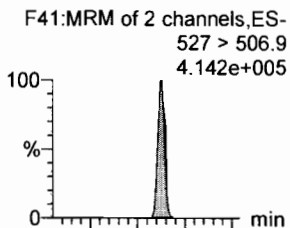
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_8, Date: 15-Mar-2018, Time: 22:05:53, ID: ST180315M1-7 PFC CS4 18C1209, Description: PFC CS4 18C1209

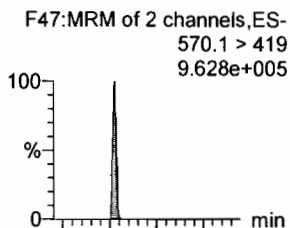
**PFDA**



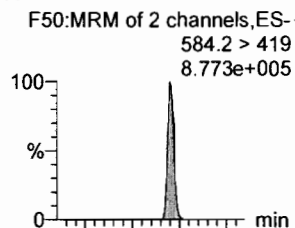
**8:2 FTS**



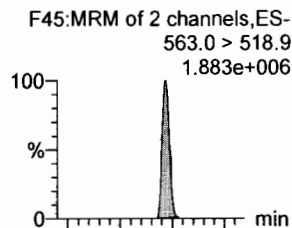
**N-MeFOSAA**



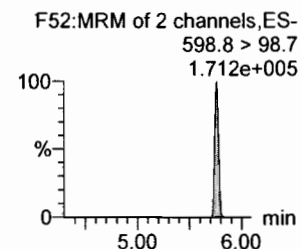
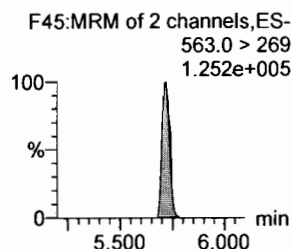
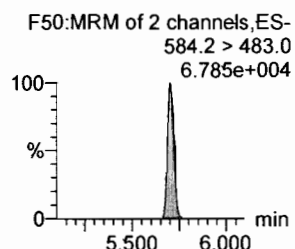
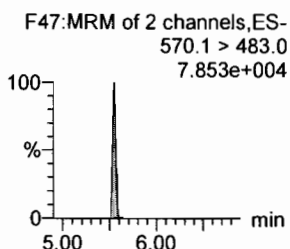
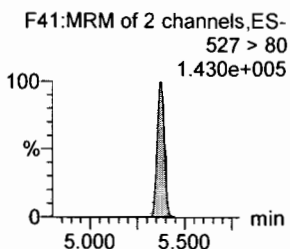
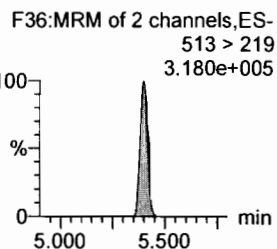
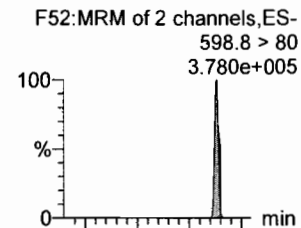
**N-EtFOSAA**



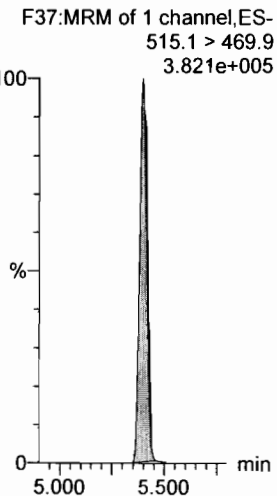
**PFUdA**



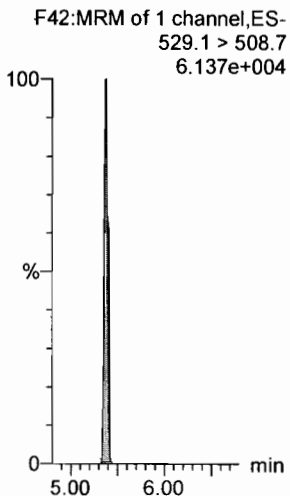
**PFDS**



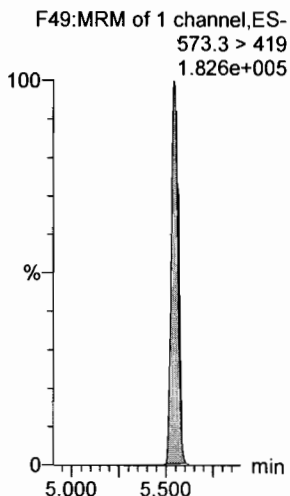
**13C2-PFDA**



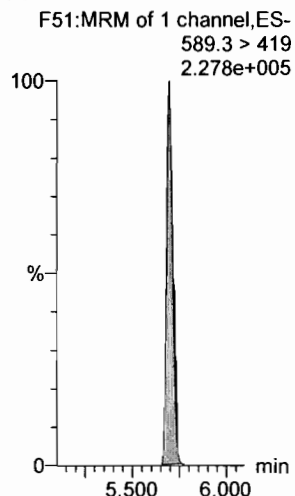
**13C2-8:2 FTS**



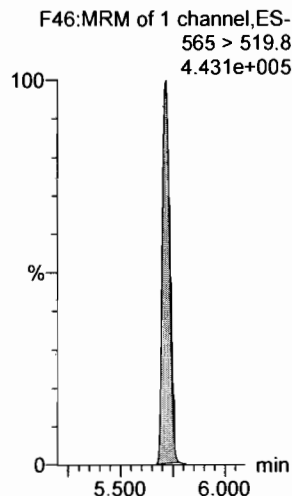
**d3-N-MeFOSAA**



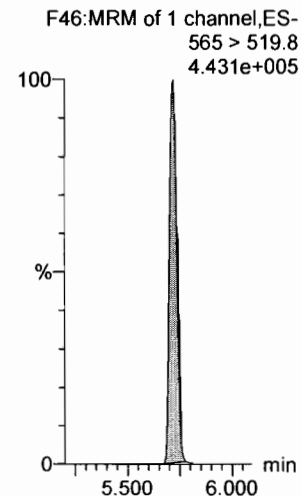
**d5-N-EtFOSAA**



**13C2-PFUdA**



**13C2-PFUdA**

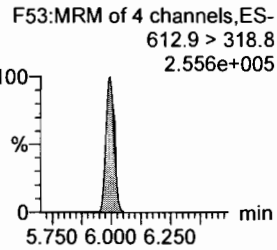
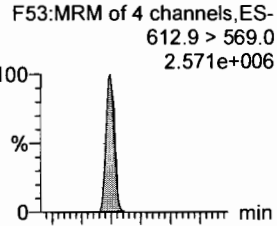


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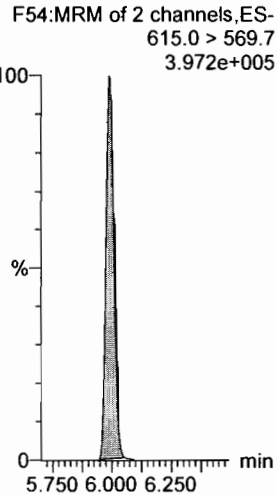
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Name: 180315M1\_8, Date: 15-Mar-2018, Time: 22:05:53, ID: ST180315M1-7 PFC CS4 18C1209, Description: PFC CS4 18C1209

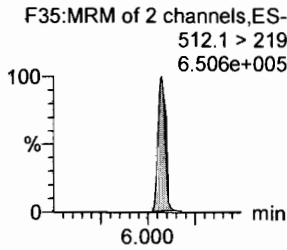
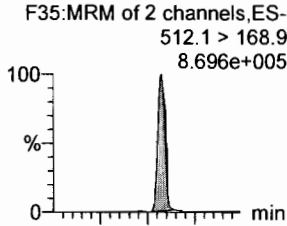
**PFDoA**



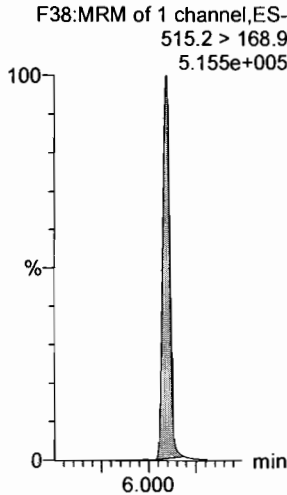
**13C2-PFDoA**



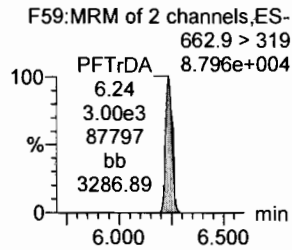
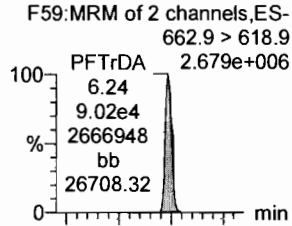
**N-MeFOSA**



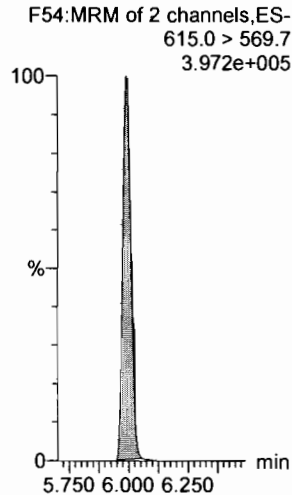
**d3-N-MeFOSA**



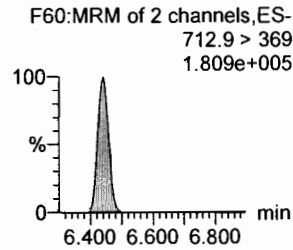
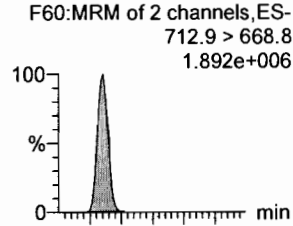
**PFTrDA**



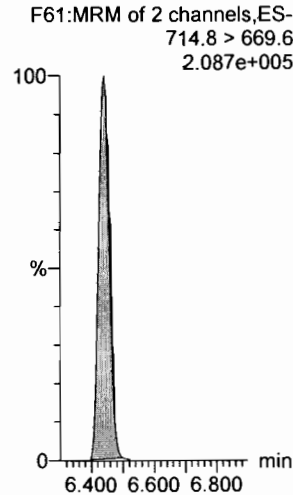
**13C2-PFDoA**



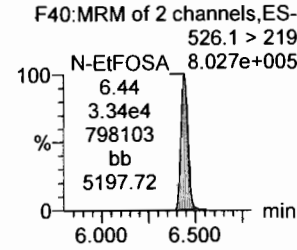
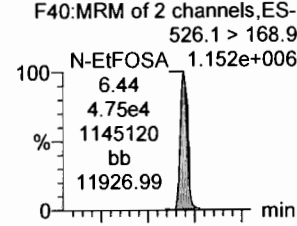
**PFTeDA**



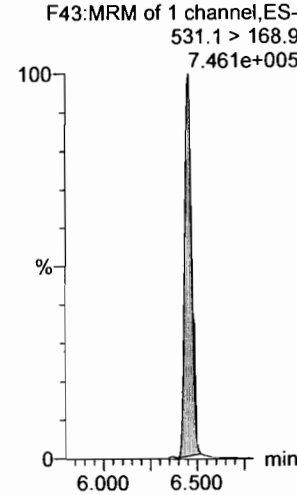
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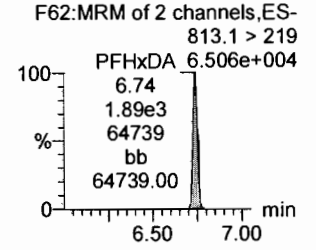
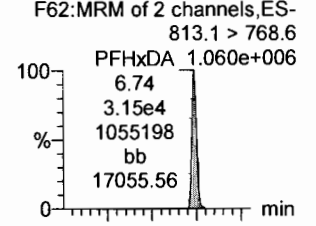
**N-EtFOSA**



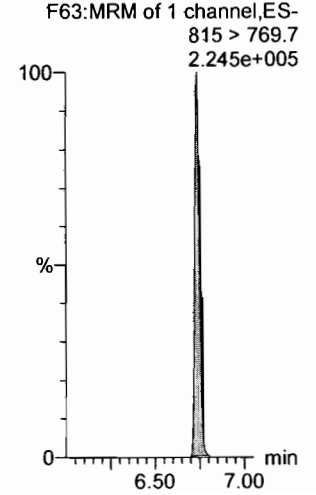
**d5-N-ETFOSA**



**PFHxDA**



**13C2-PFHxDA**



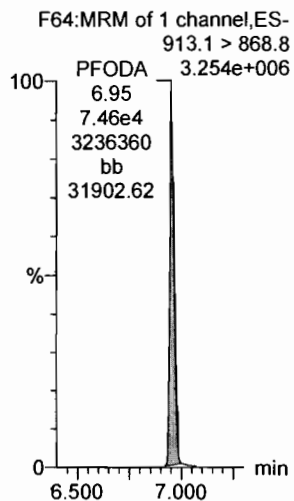
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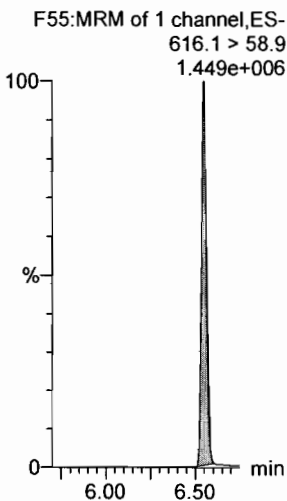
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Name: 180315M1\_8, Date: 15-Mar-2018, Time: 22:05:53, ID: ST180315M1-7 PFC CS4 18C1209, Description: PFC CS4 18C1209

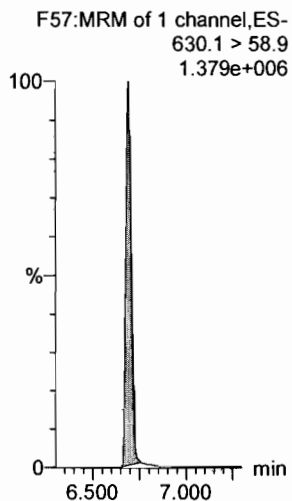
**PFODA**



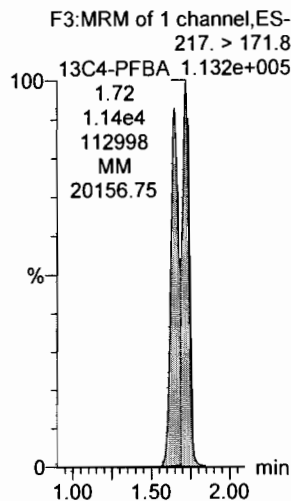
**N-MeFOSE**



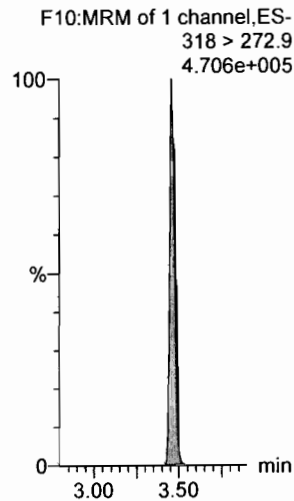
**N-EtFOSE**



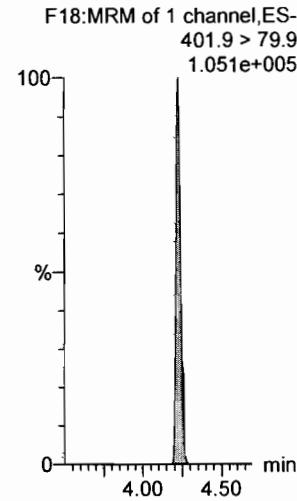
**13C4-PFBA**



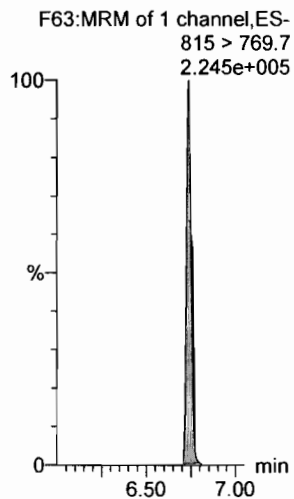
**13C5-PFHxA**



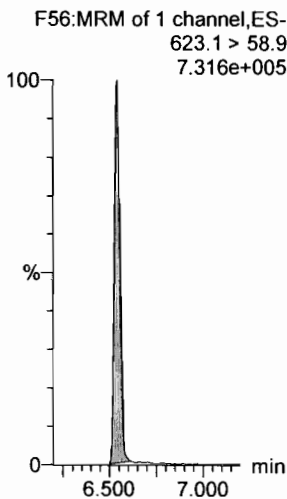
**13C3-PFHxS**



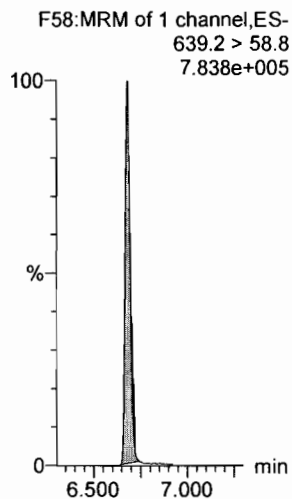
**13C2-PFHxDA**



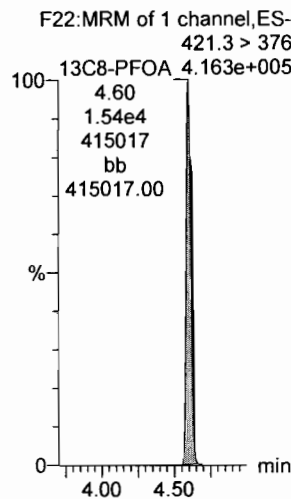
**d7-N-MeFOSE**



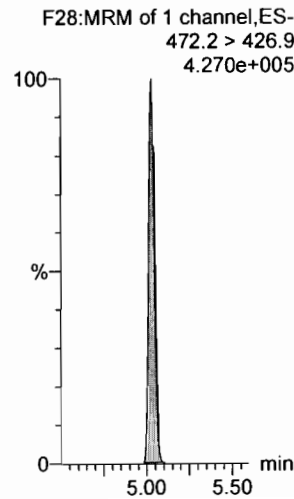
**d9-N-EtFOSE**



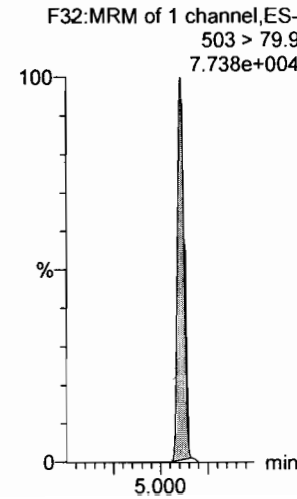
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**



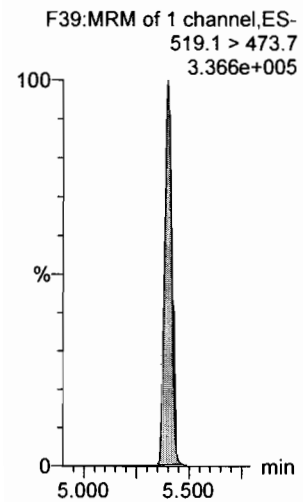
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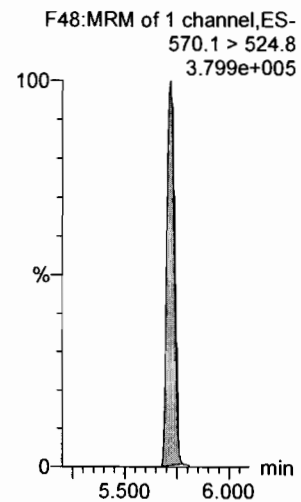
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13C6-PFDA



13C7-PFUdA

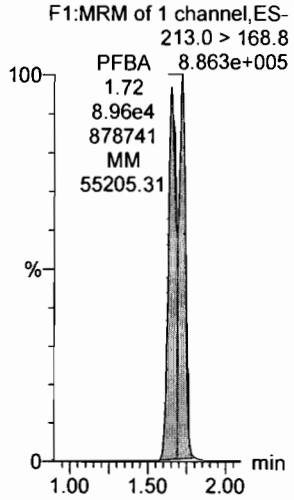


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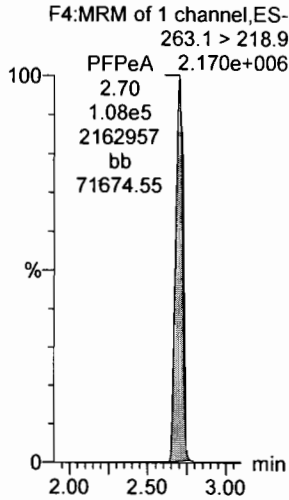
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Name: 180315M1\_9, Date: 15-Mar-2018, Time: 22:17:19, ID: ST180315M1-8 PFC CS5 18C1210, Description: PFC CS5 18C1210

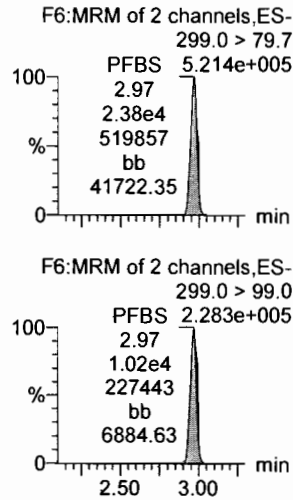
**PFBA**



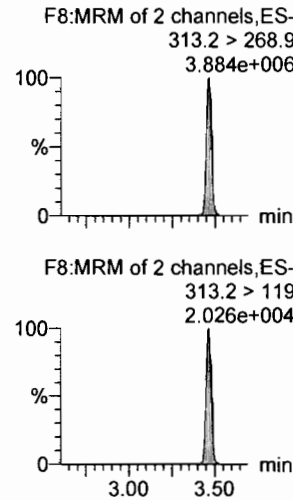
**PFPeA**



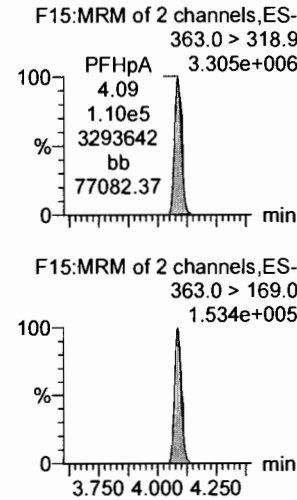
**PFBS**



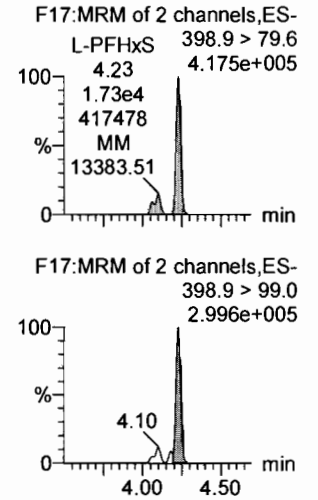
**PFHxA**



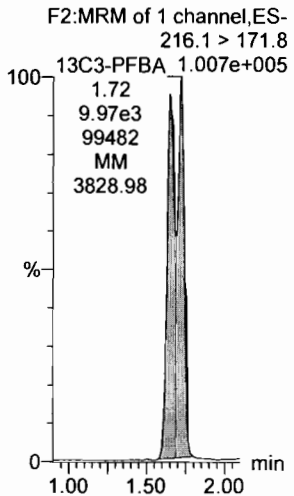
**PFHpA**



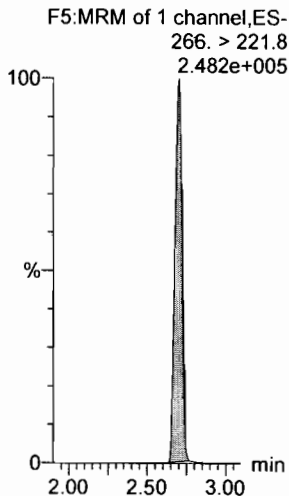
**L-PFHxS**



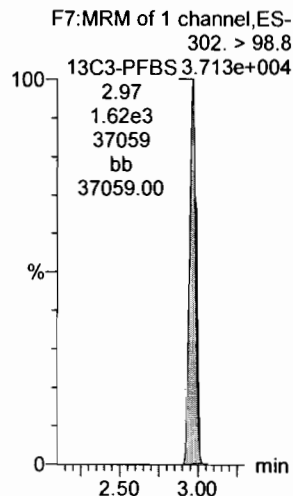
**13C3-PFBA**



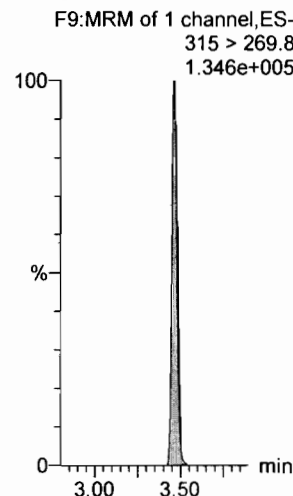
**13C3-PFPeA**



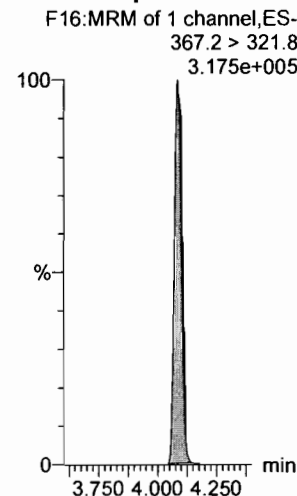
**13C3-PFBS**



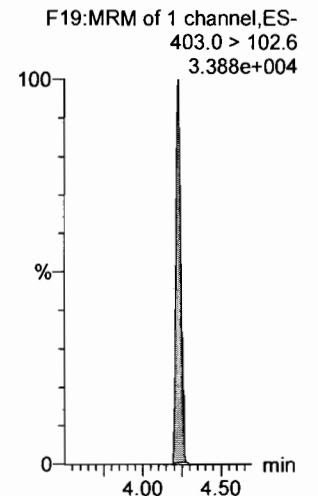
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**





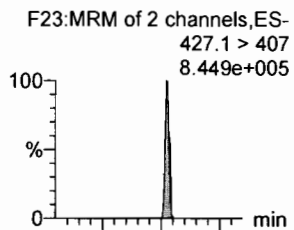
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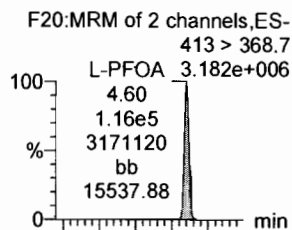
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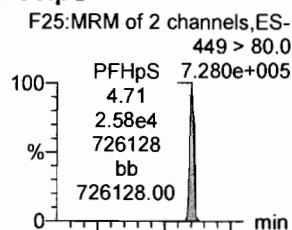
6:2 FTS



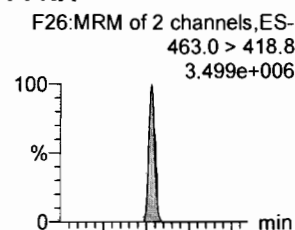
L-PFOA



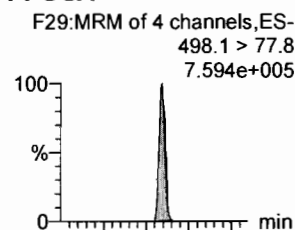
PFHpS



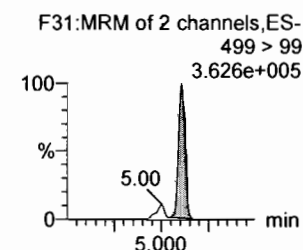
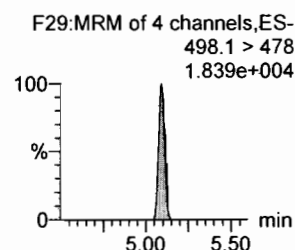
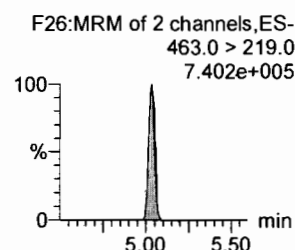
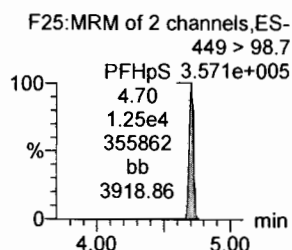
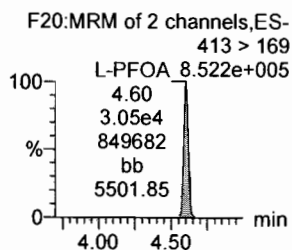
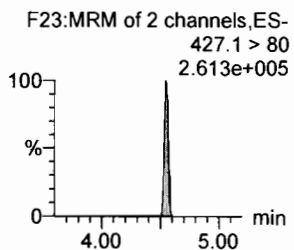
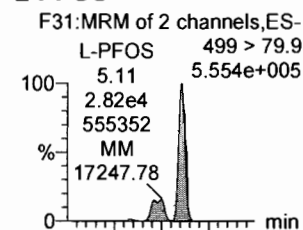
PFNA



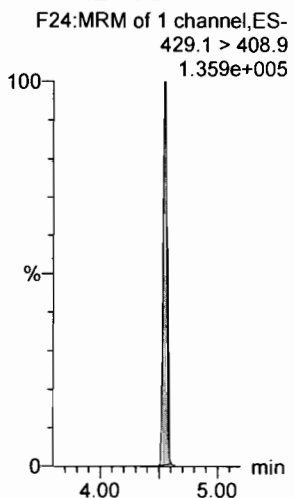
PFOSA



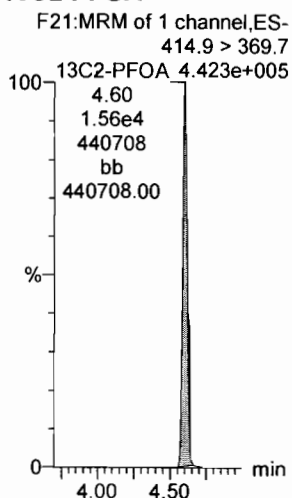
L-PFOS



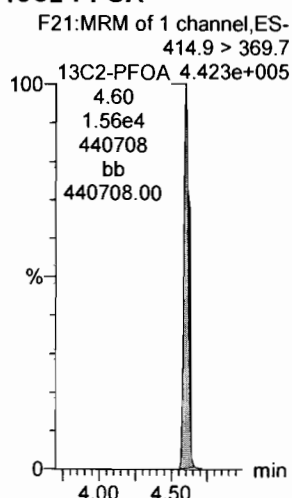
13C2-6:2 FTS



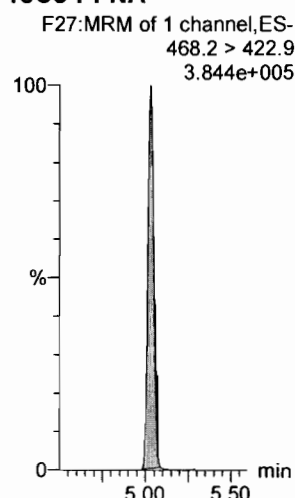
13C2-PFOA



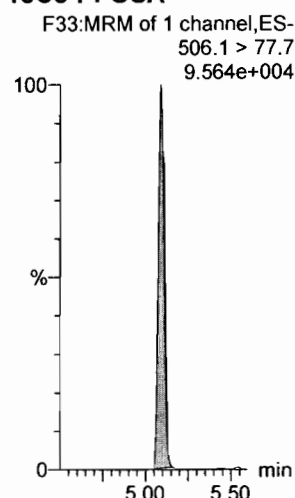
13C2-PFOA



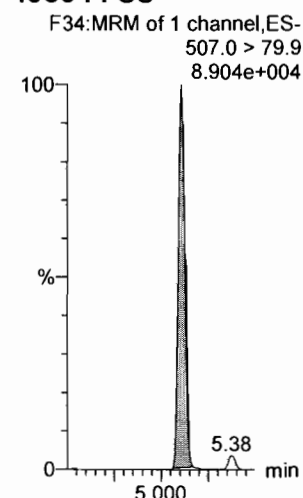
13C5-PFNA



13C8-PFOA



13C8-PFOS



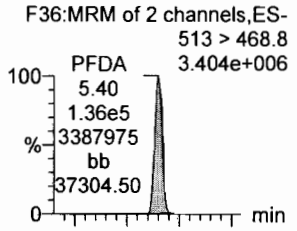
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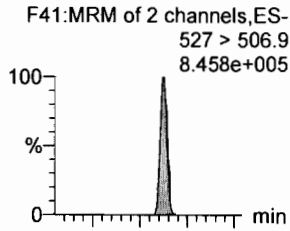
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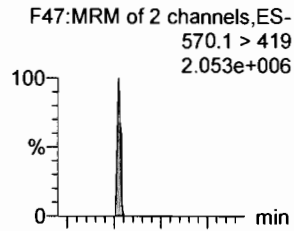
**PFDA**



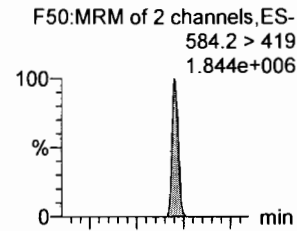
**8:2 FTS**



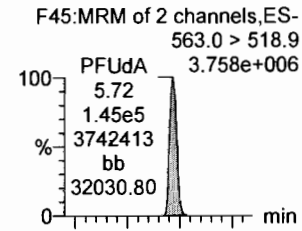
**N-MeFOSAA**



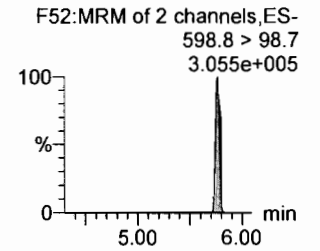
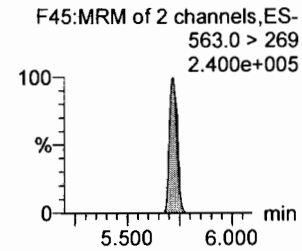
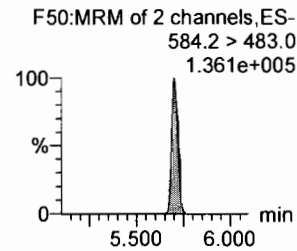
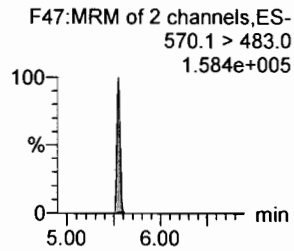
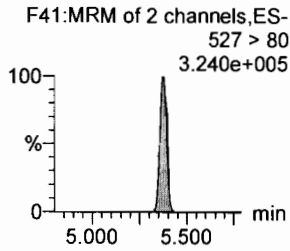
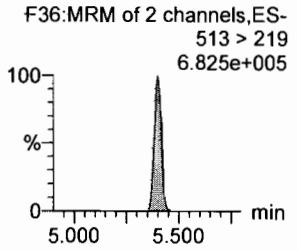
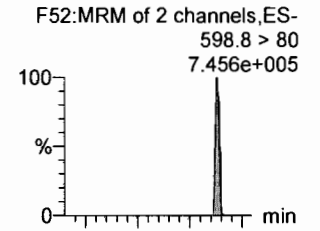
**N-EtFOSAA**



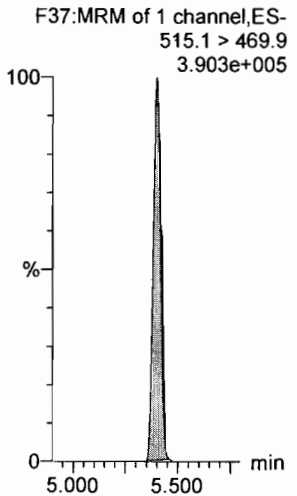
**PFUdA**



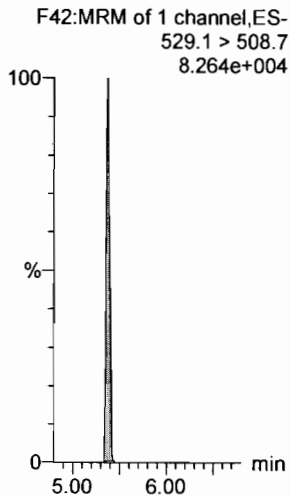
**PFDS**



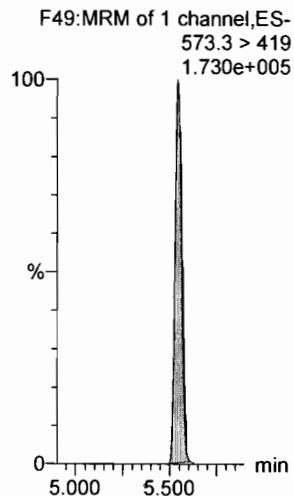
**13C2-PFDA**



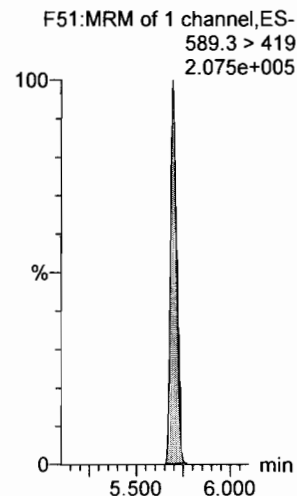
**13C2-8:2 FTS**



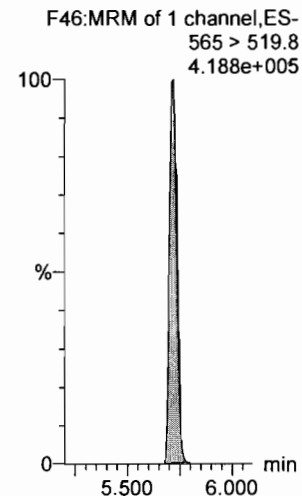
**d3-N-MeFOSAA**



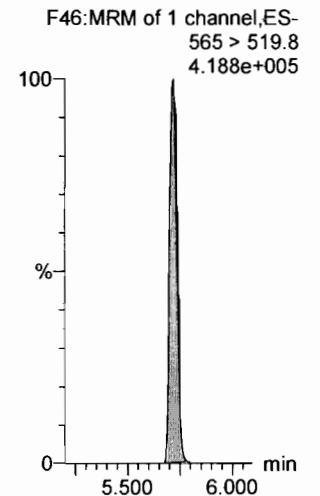
**d5-N-EtFOSAA**



**13C2-PFUdA**



**13C2-PFUdA**

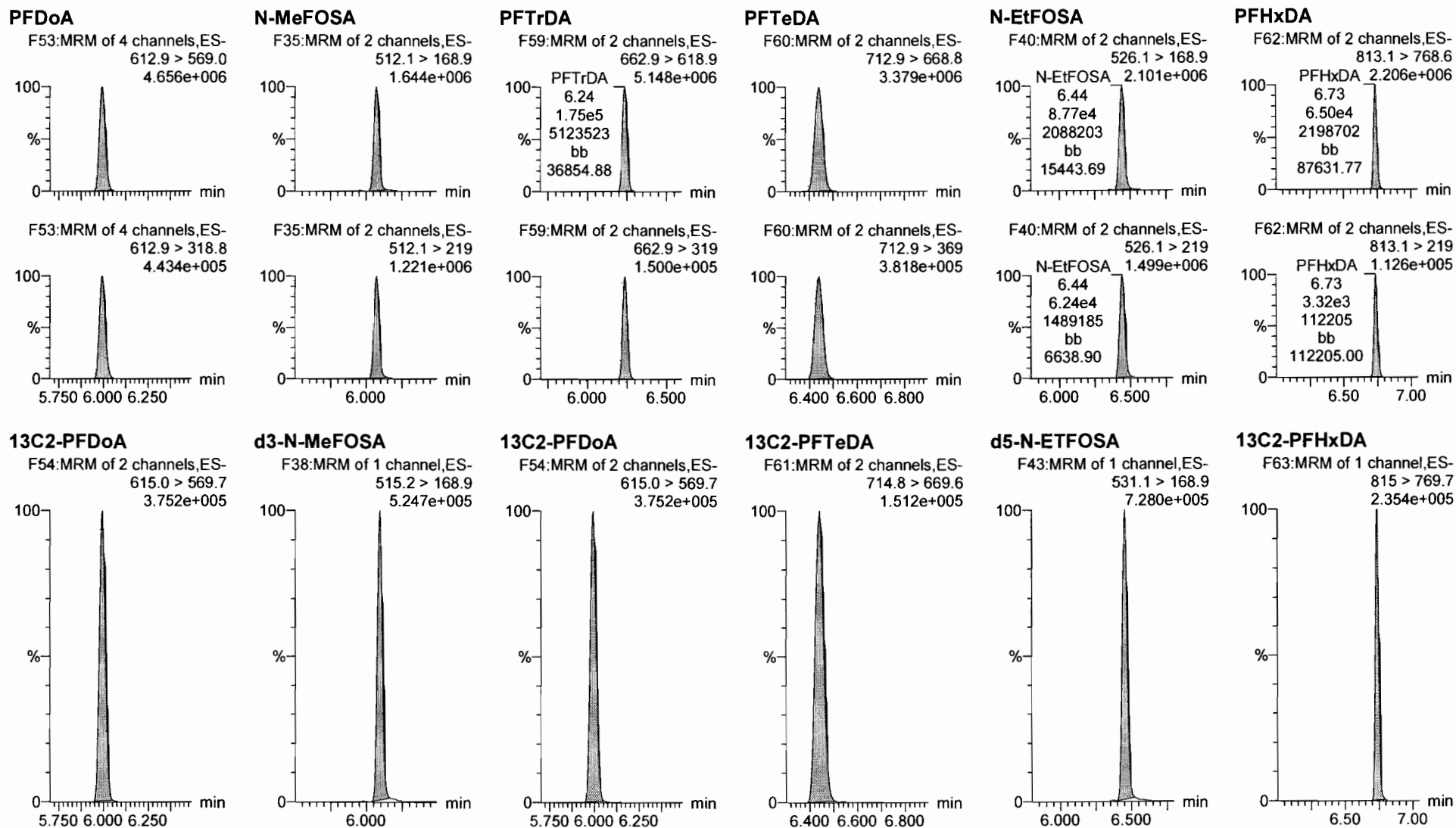


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Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_9, Date: 15-Mar-2018, Time: 22:17:19, ID: ST180315M1-8 PFC CS5 18C1210, Description: PFC CS5 18C1210



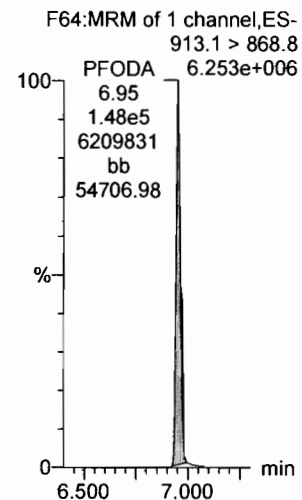
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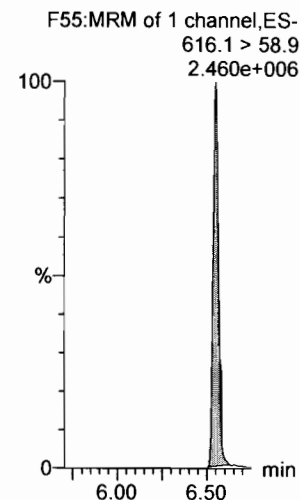
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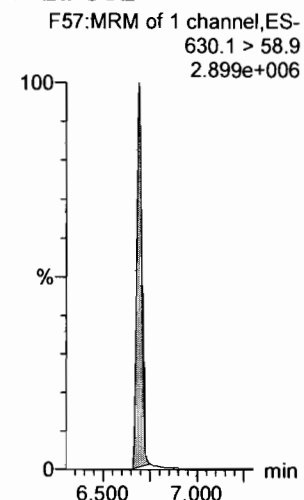
**PFODA**



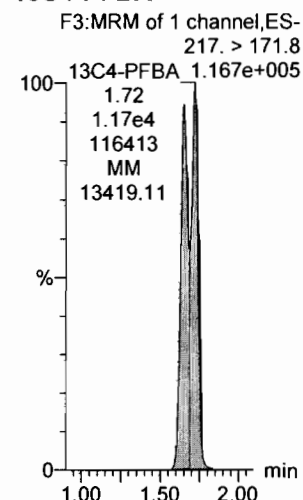
**N-MeFOSE**



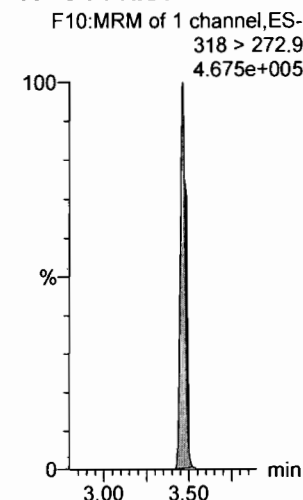
**N-EtFOSE**



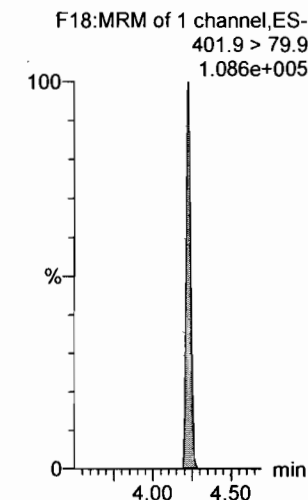
**13C4-PFBA**



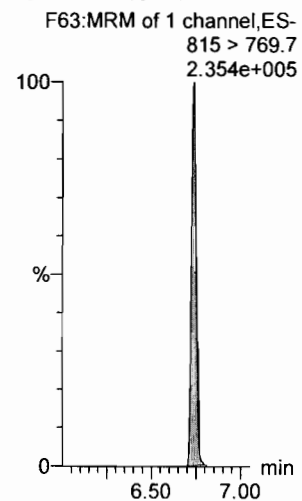
**13C5-PFHxA**



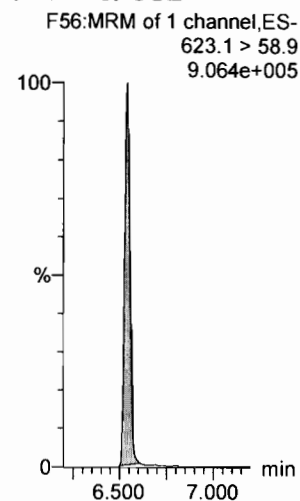
**13C3-PFHxS**



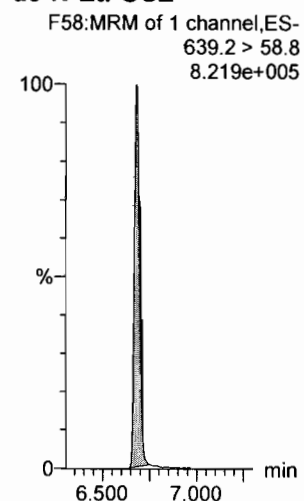
**13C2-PFHxDA**



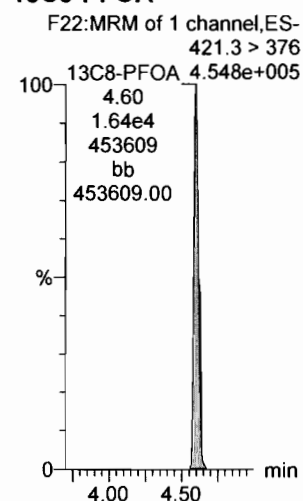
**d7-N-MeFOSE**



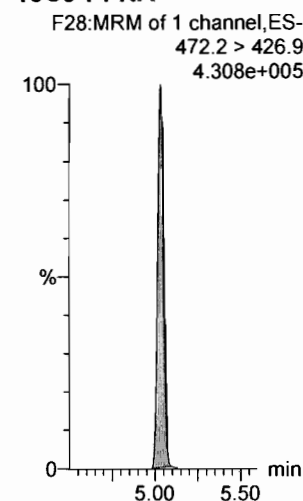
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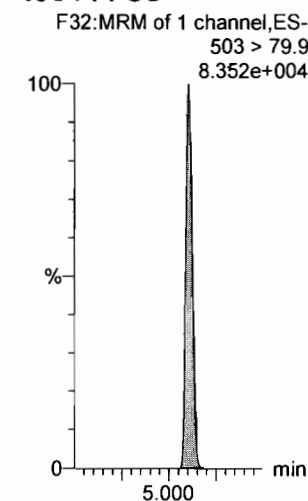
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**



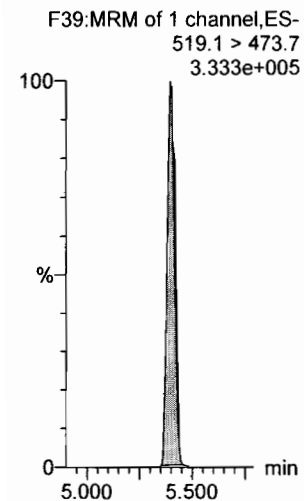
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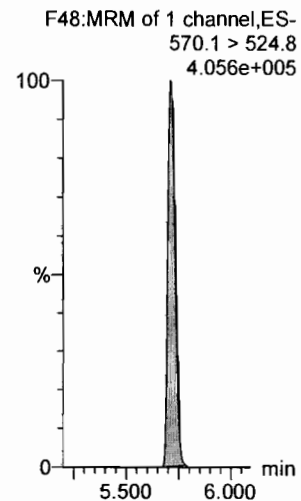
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Name: 180315M1\_9, Date: 15-Mar-2018, Time: 22:17:19, ID: ST180315M1-8 PFC CS5 18C1210, Description: PFC CS5 18C1210

13C6-PFDA



13C7-PFUdA



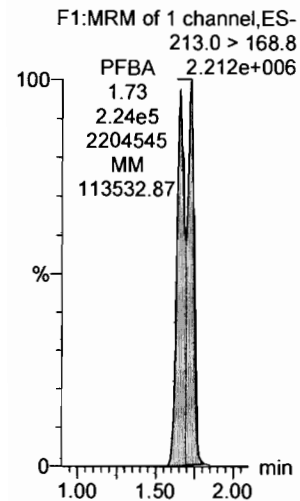
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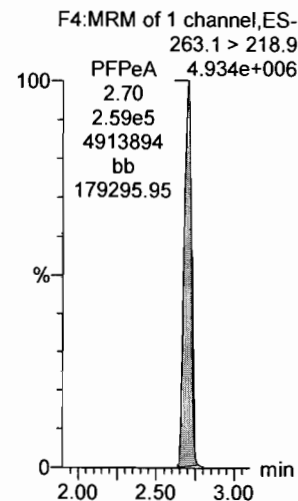
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Name: 180315M1\_10, Date: 15-Mar-2018, Time: 22:28:49, ID: ST180315M1-9 PFC CS6 18C1211, Description: PFC CS6 18C1211

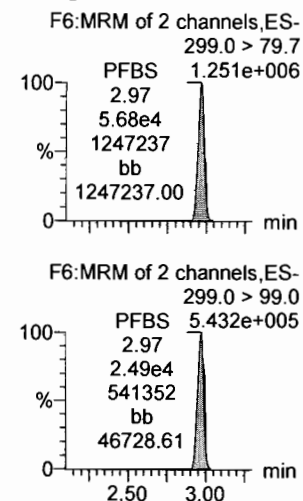
**PFBA**



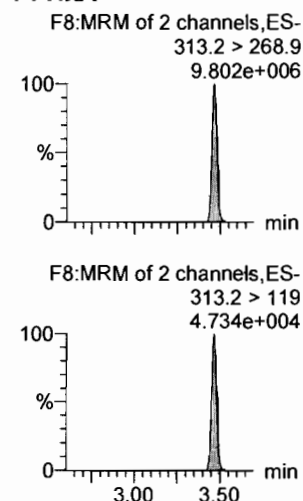
**PFPeA**



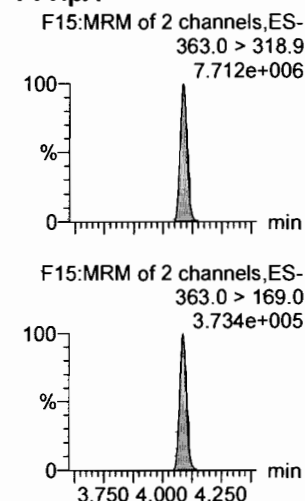
**PFBS**



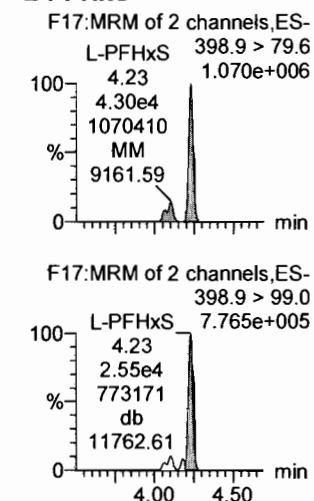
**PFHxA**



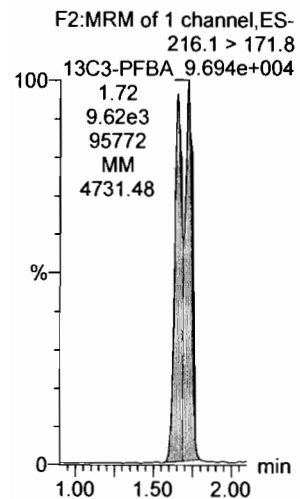
**PFHpA**



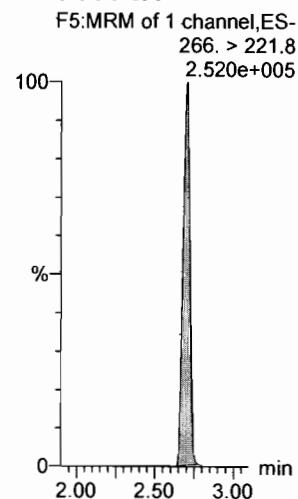
**L-PFHxS**



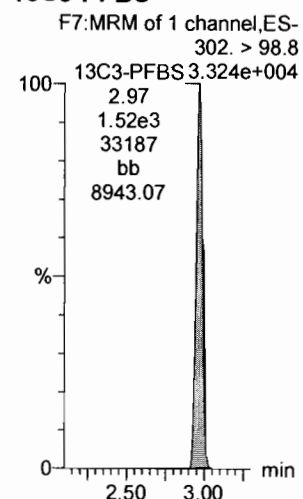
**13C3-PFBA**



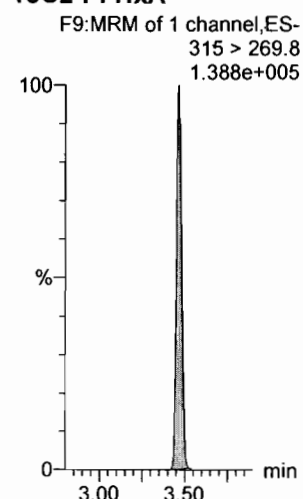
**13C3-PFPeA**



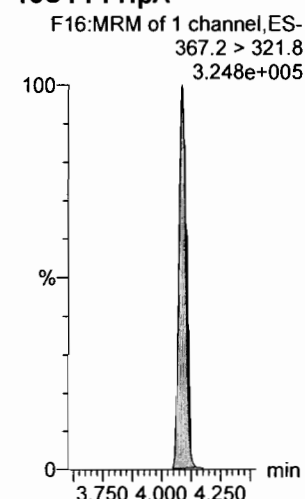
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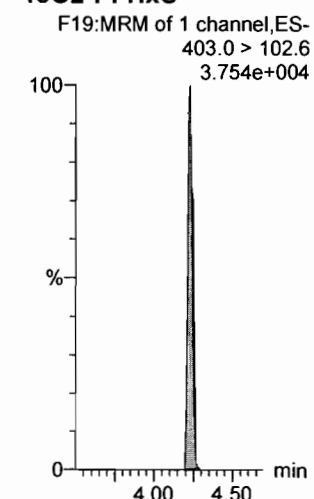
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



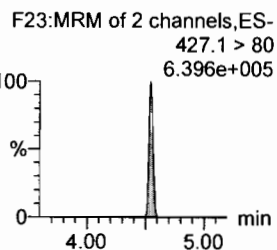
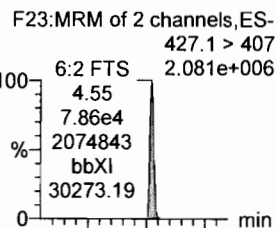
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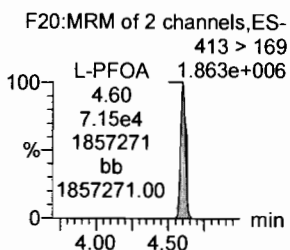
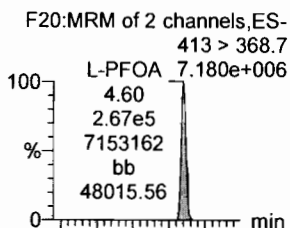
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Name: 180315M1\_10, Date: 15-Mar-2018, Time: 22:28:49, ID: ST180315M1-9 PFC CS6 18C1211, Description: PFC CS6 18C1211

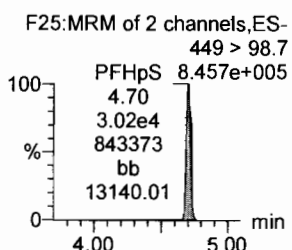
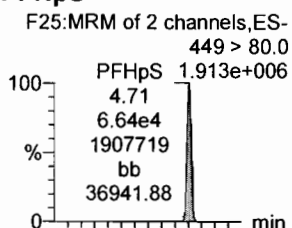
**6:2 FTS**



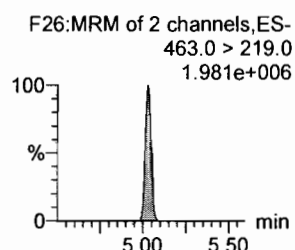
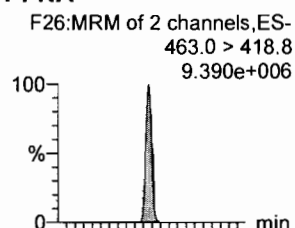
**L-PFOA**



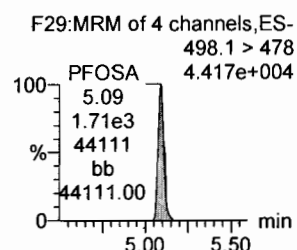
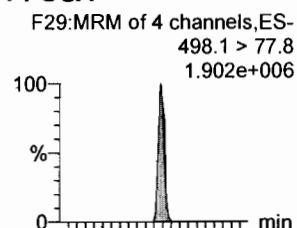
**PFHpS**



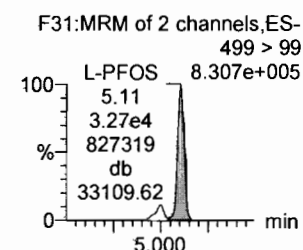
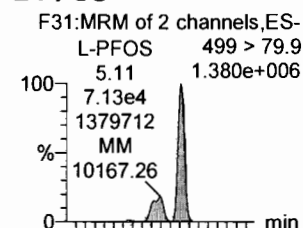
**PFNA**



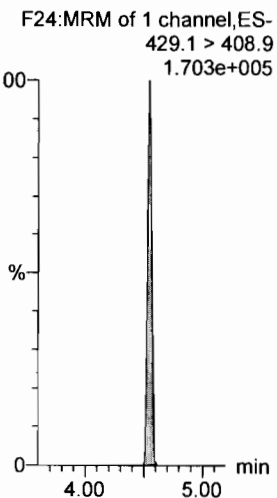
**PFOSA**



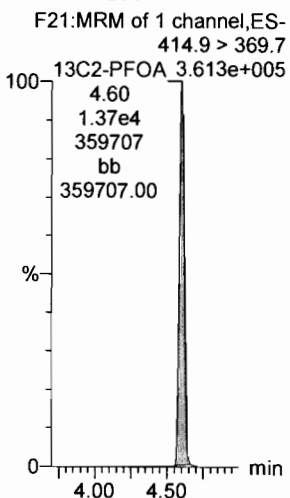
**L-PFOS**



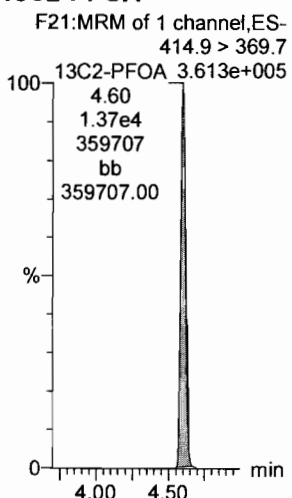
**13C2-6:2 FTS**



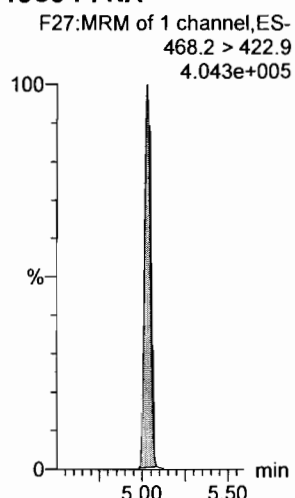
**13C2-PFOA**



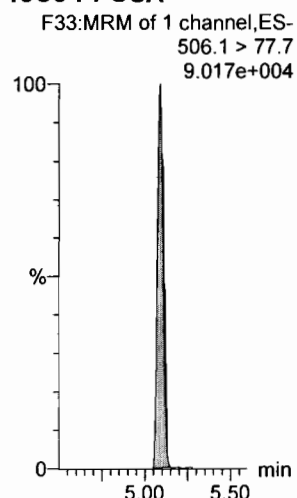
**13C2-PFOA**



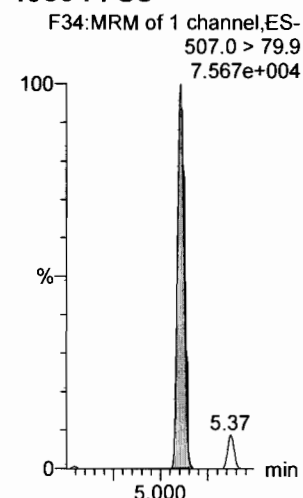
**13C5-PFNA**



**13C8-PFOSA**



**13C8-PFOS**



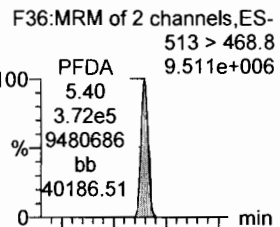
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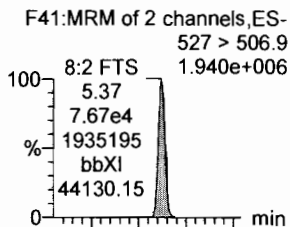
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Name: 180315M1\_10, Date: 15-Mar-2018, Time: 22:28:49, ID: ST180315M1-9 PFC CS6 18C1211, Description: PFC CS6 18C1211

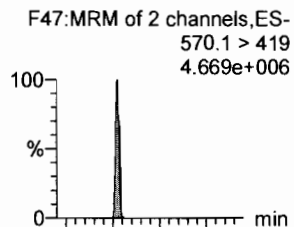
**PFDA**



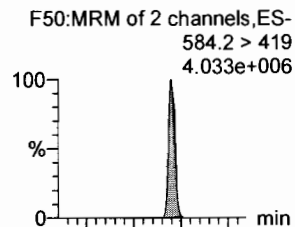
**8:2 FTS**



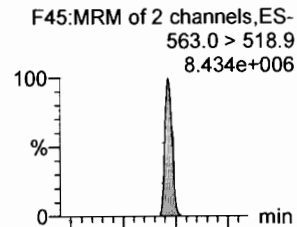
**N-MeFOSAA**



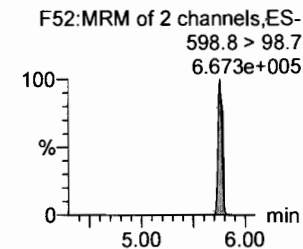
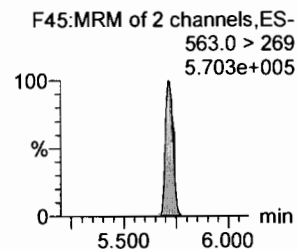
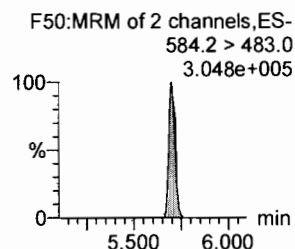
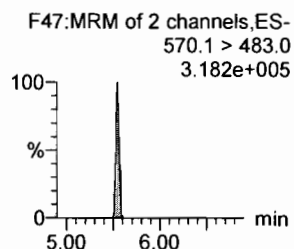
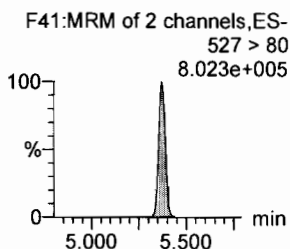
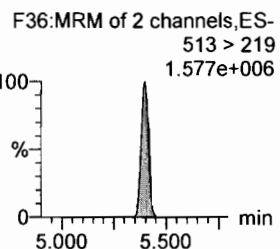
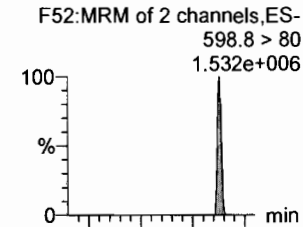
**N-EtFOSAA**



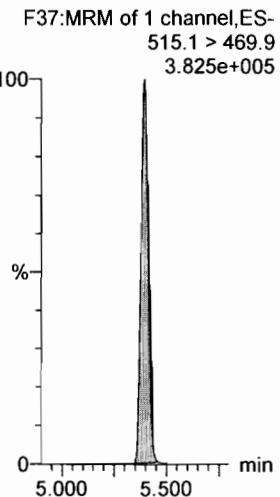
**PFUdA**



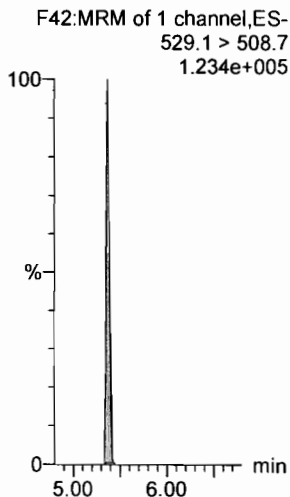
**PFDS**



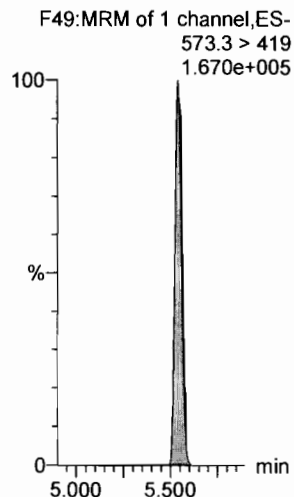
**13C2-PFDA**



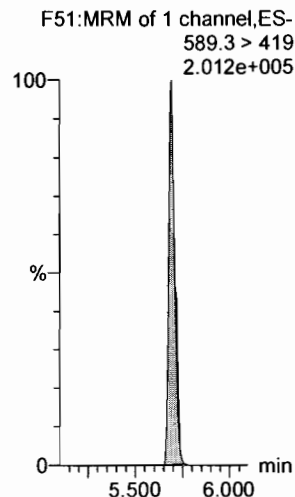
**13C2-8:2 FTS**



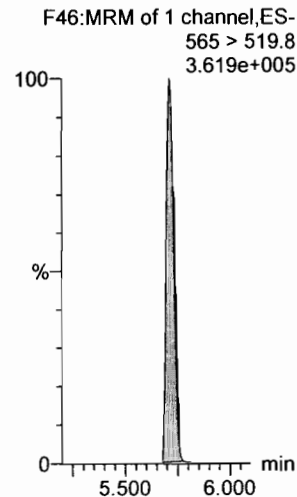
**d3-N-MeFOSAA**



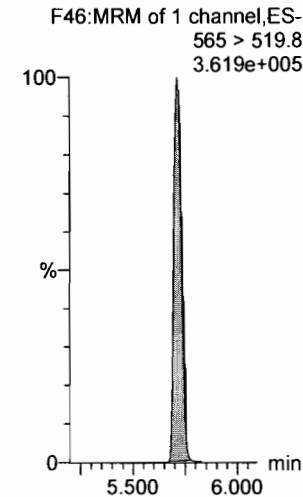
**d5-N-EtFOSAA**



**13C2-PFUdA**



**13C2-PFUdA**



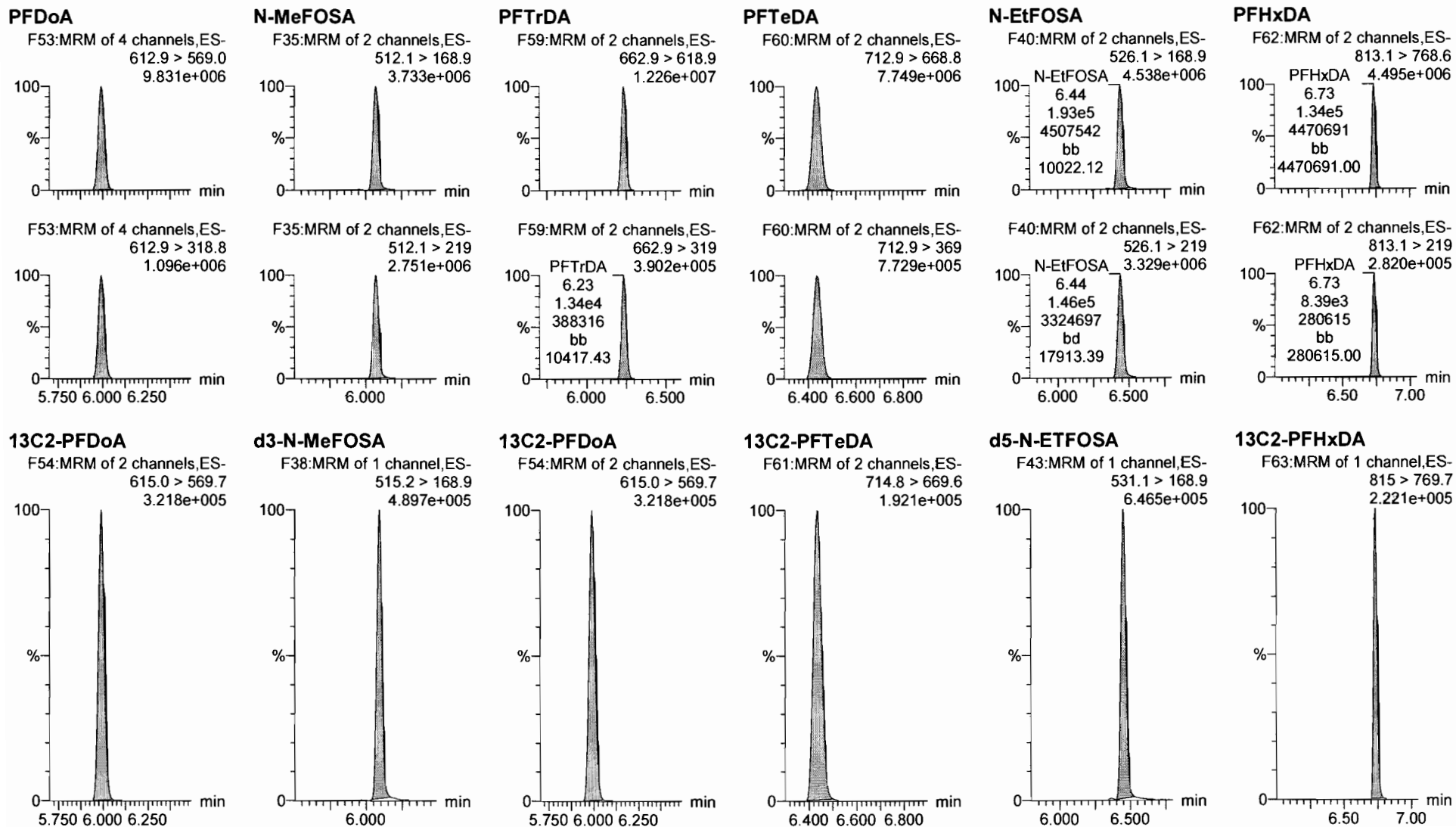


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Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_10, Date: 15-Mar-2018, Time: 22:28:49, ID: ST180315M1-9 PFC CS6 18C1211, Description: PFC CS6 18C1211



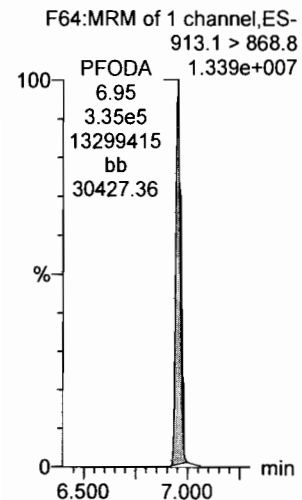
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Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

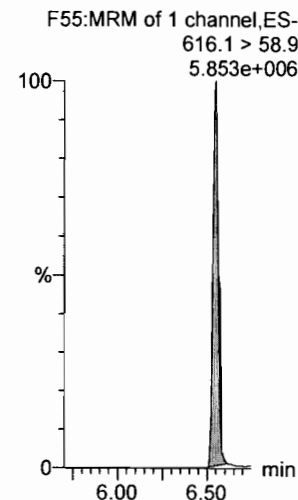
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Name: 180315M1\_10, Date: 15-Mar-2018, Time: 22:28:49, ID: ST180315M1-9 PFC CS6 18C1211, Description: PFC CS6 18C1211

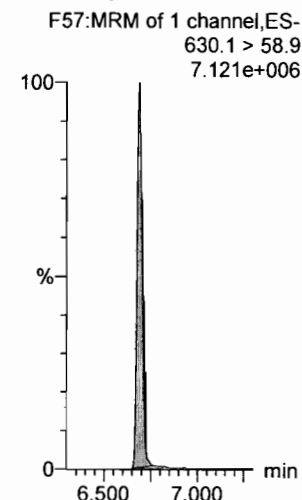
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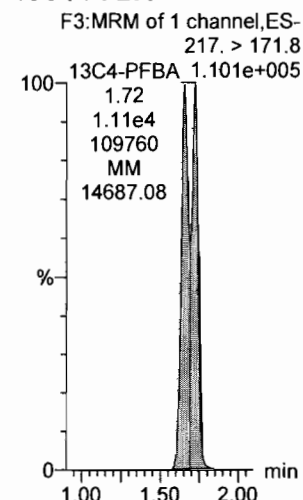
**N-MeFOSE**



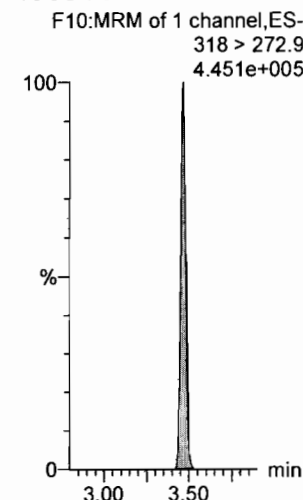
**N-EtFOSE**



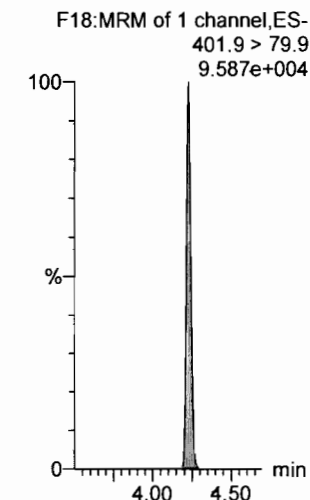
**13C4-PFBA**



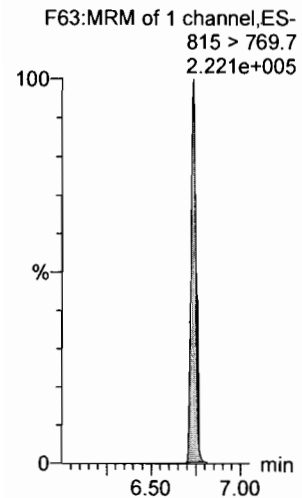
**13C5-PFHxA**



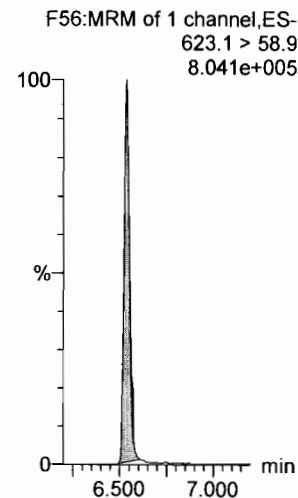
**13C3-PFHxS**



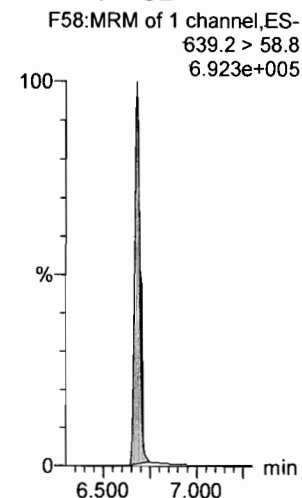
**13C2-PFHxDA**



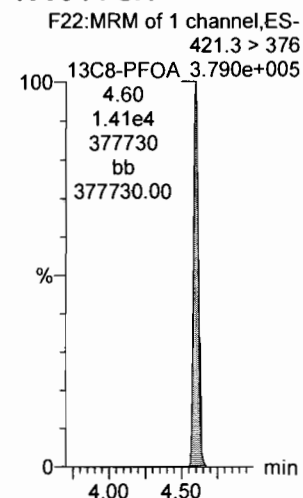
**d7-N-MeFOSE**



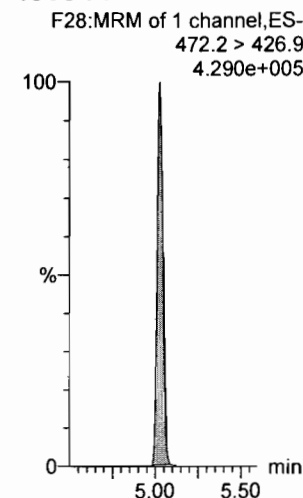
**d9-N-EtFOSE**



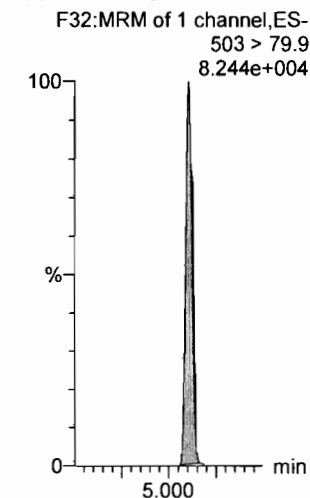
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

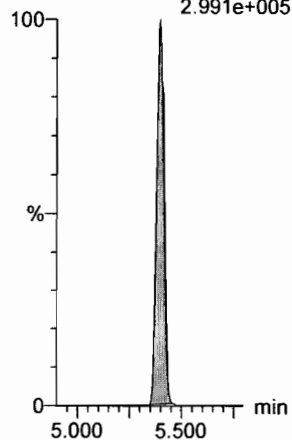
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Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

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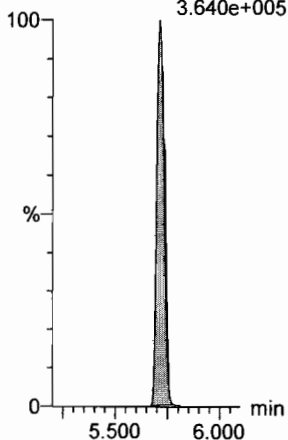
**13C6-PFDA**

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
2.991e+005



**13C7-PFUdA**

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
3.640e+005



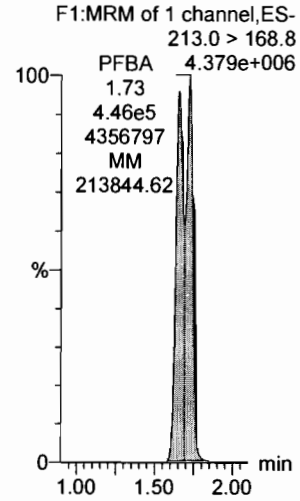
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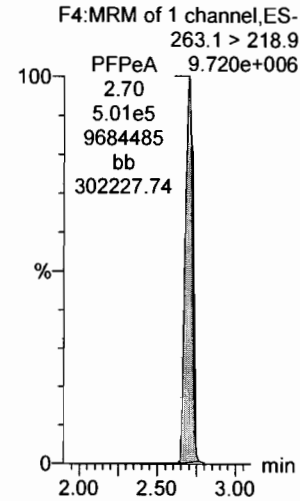
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Name: 180315M1\_11, Date: 15-Mar-2018, Time: 22:40:18, ID: ST180315M1-10 PFC CS7 18C1212, Description: PFC CS7 18C1212

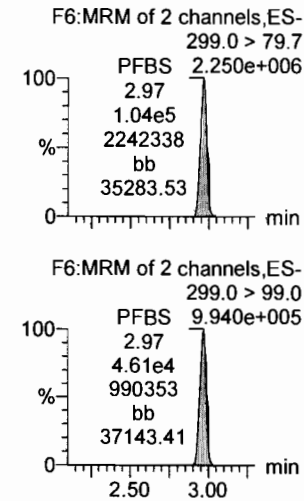
**PFBA**



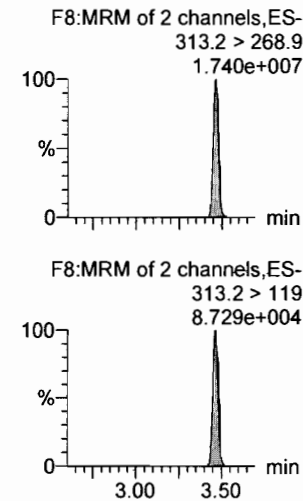
**PFPeA**



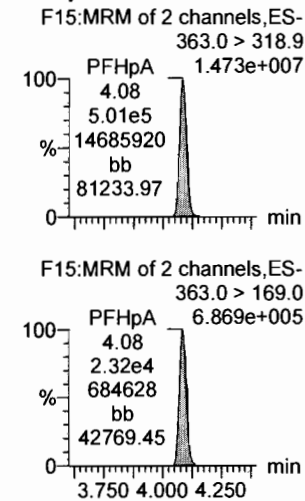
**PFBS**



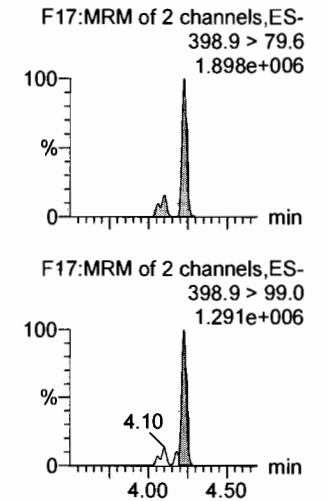
**PFHxA**



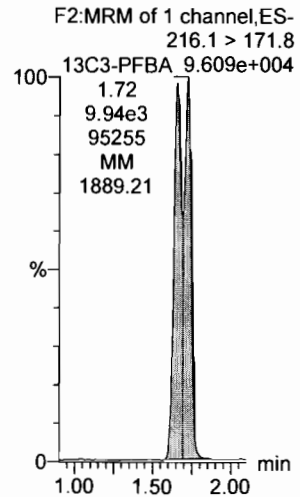
**PFHpA**



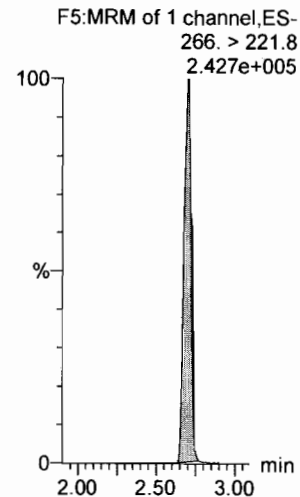
**L-PFHxS**



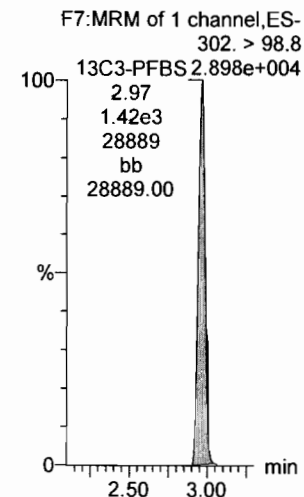
**13C3-PFBA**



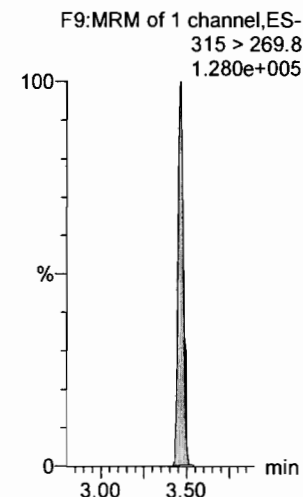
**13C3-PFPeA**



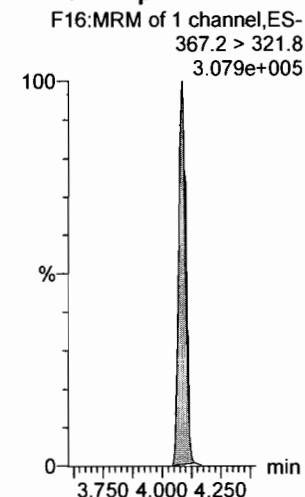
**13C3-PFBS**



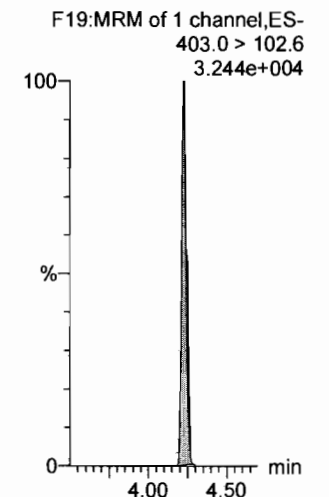
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



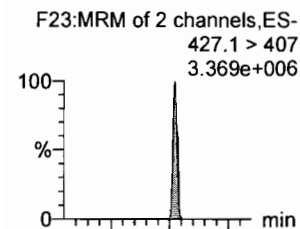
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Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

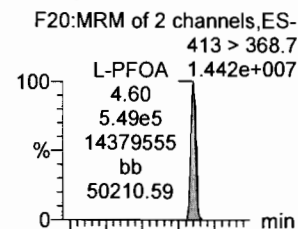
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Name: 180315M1\_11, Date: 15-Mar-2018, Time: 22:40:18, ID: ST180315M1-10 PFC CS7 18C1212, Description: PFC CS7 18C1212

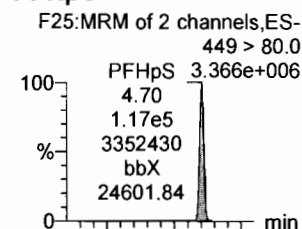
**6:2 FTS**



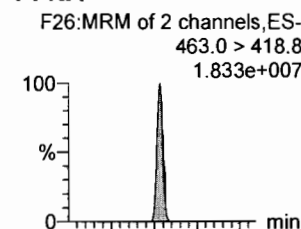
**L-PFOA**



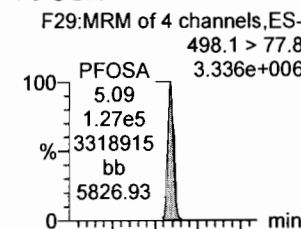
**PFHpS**



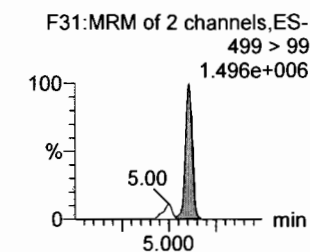
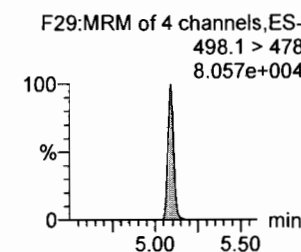
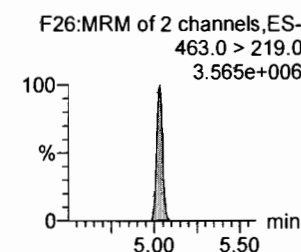
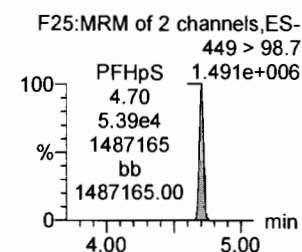
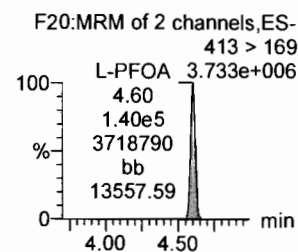
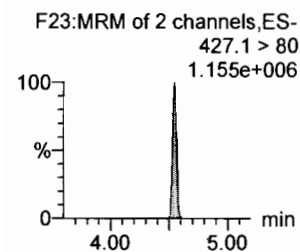
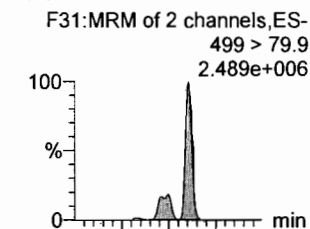
**PFNA**



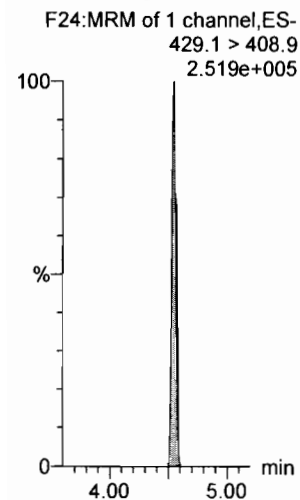
**PFOSA**



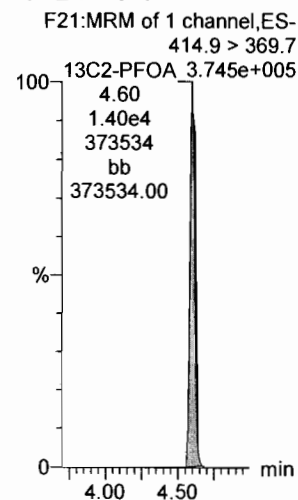
**L-PFOS**



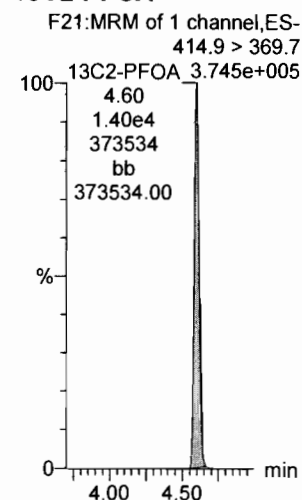
**13C2-6:2 FTS**



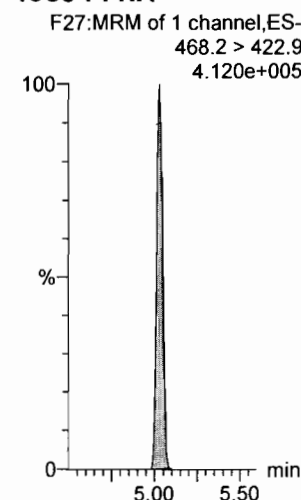
**13C2-PFOA**



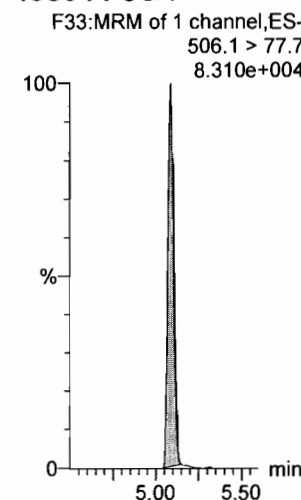
**13C2-PFOA**



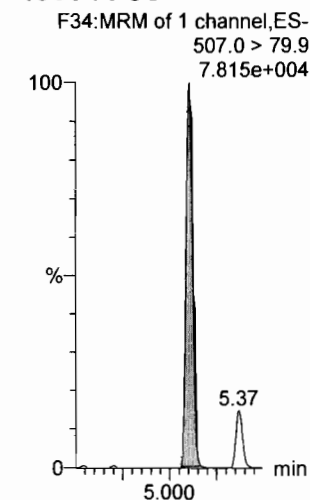
**13C5-PFNA**



**13C8-PFOSA**



**13C8-PFOS**



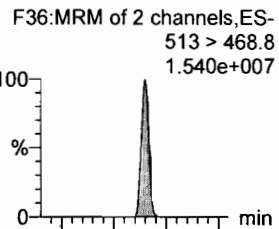
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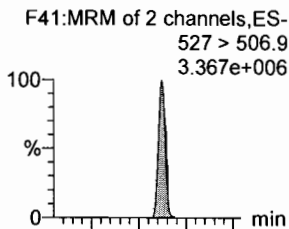
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Name: 180315M1\_11, Date: 15-Mar-2018, Time: 22:40:18, ID: ST180315M1-10 PFC CS7 18C1212, Description: PFC CS7 18C1212

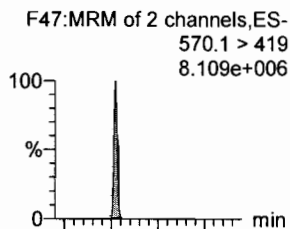
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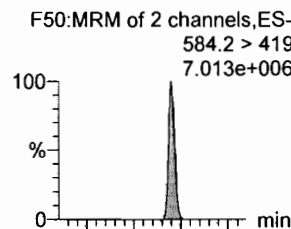
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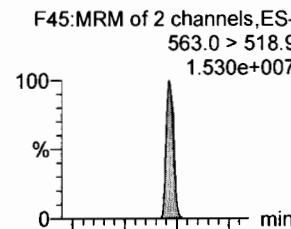
**N-MeFOSAA**



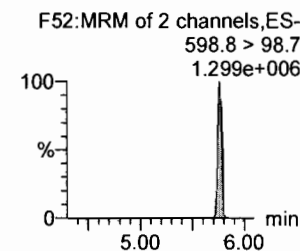
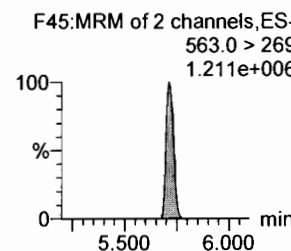
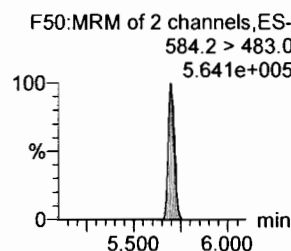
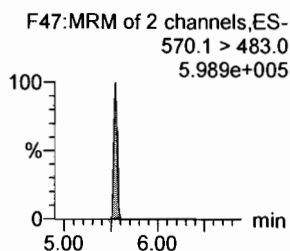
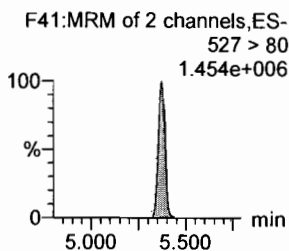
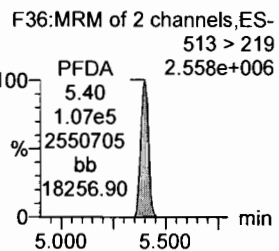
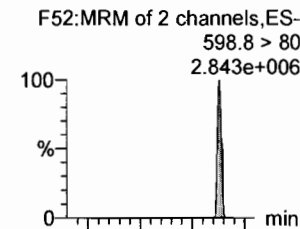
**N-EtFOSAA**



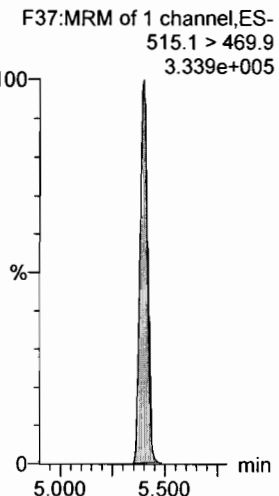
**PFUdA**



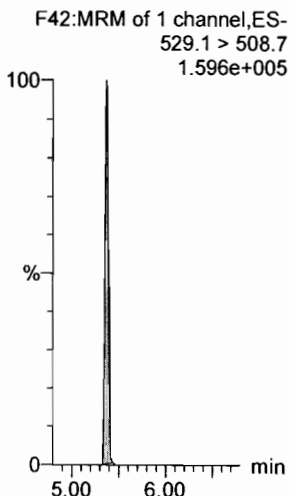
**PFDS**



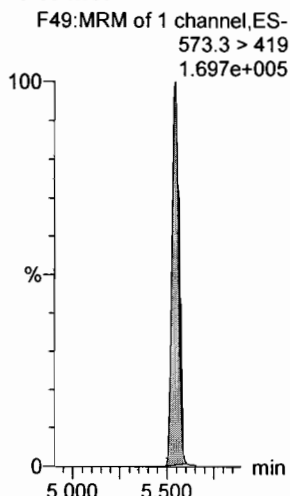
**13C2-PFDA**



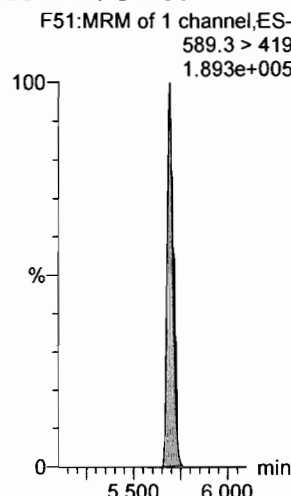
**13C2-8:2 FTS**



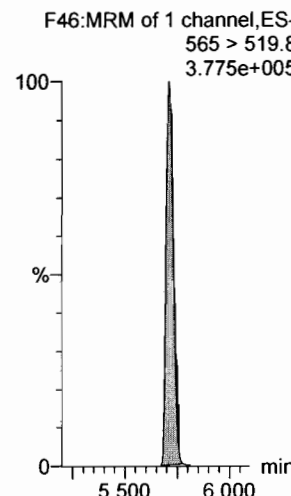
**d3-N-MeFOSAA**



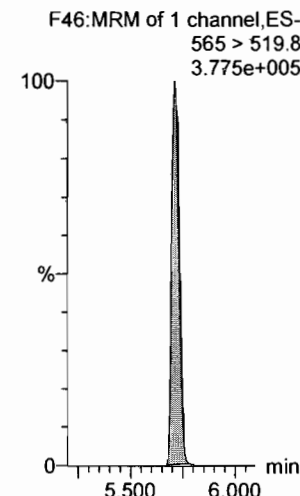
**d5-N-EtFOSAA**



**13C2-PFUdA**



**13C2-PFUDa**



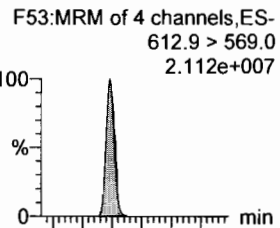
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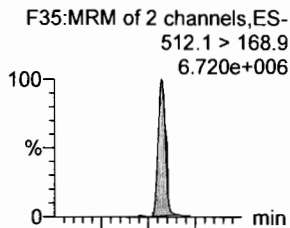
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Name: 180315M1\_11, Date: 15-Mar-2018, Time: 22:40:18, ID: ST180315M1-10 PFC CS7 18C1212, Description: PFC CS7 18C1212

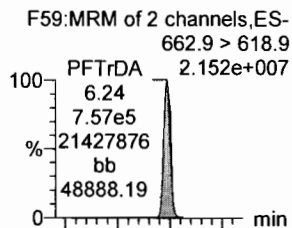
**PFDoA**



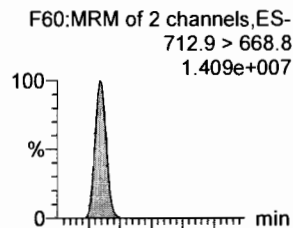
**N-MeFOSA**



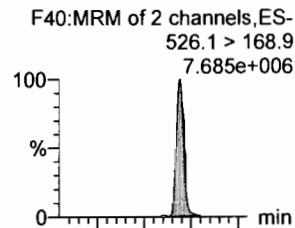
**PFTTrDA**



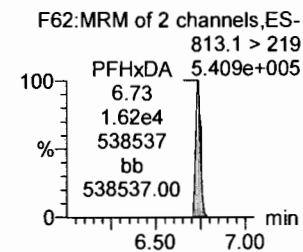
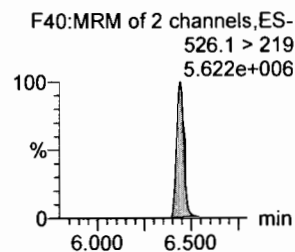
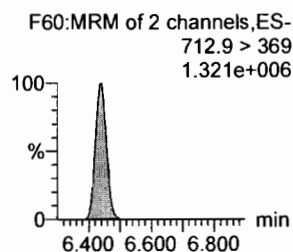
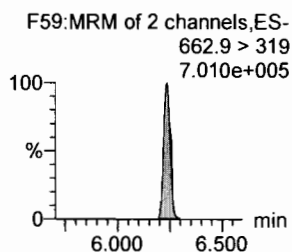
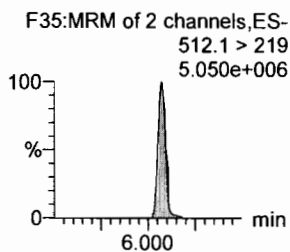
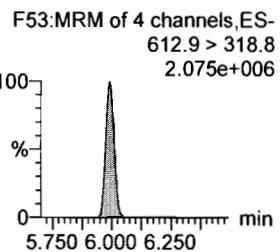
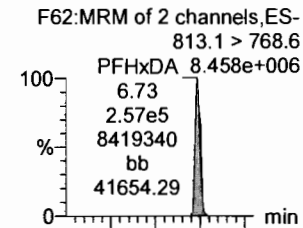
**PFTeDA**



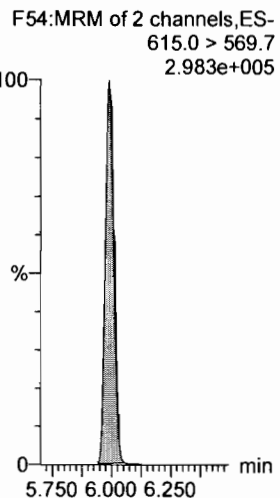
**N-EtFOSA**



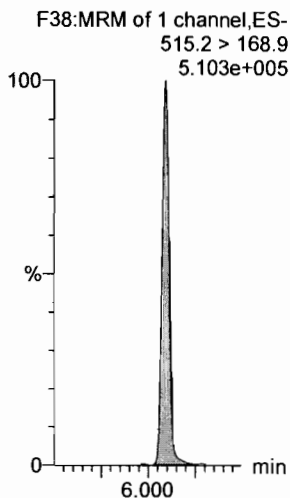
**PFHxDA**



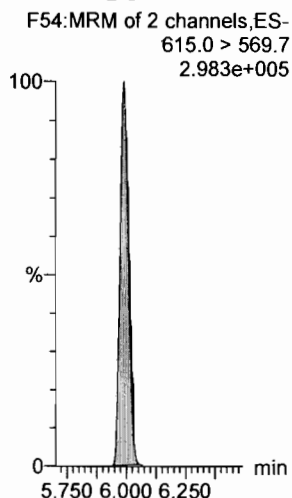
**13C2-PFDoA**



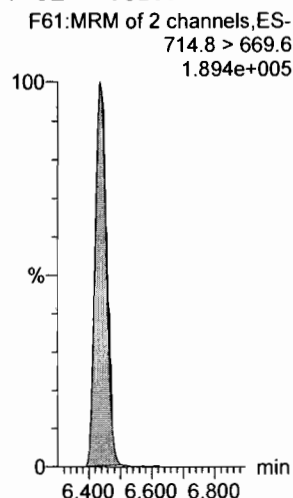
**d3-N-MeFOSA**



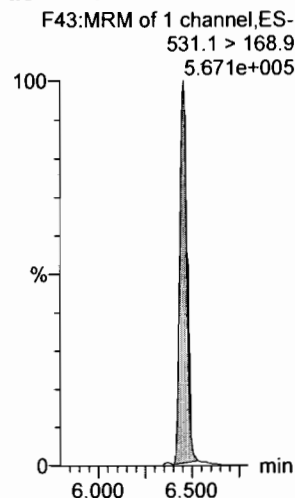
**13C2-PFDoA**



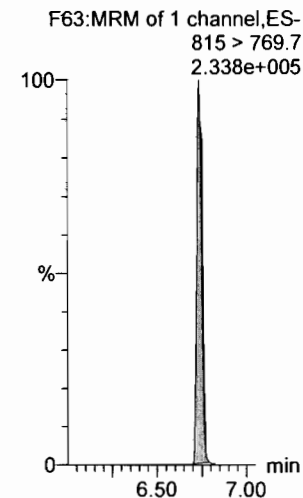
**13C2-PFTeDA**



**d5-N-ETFOSA**



**13C2-PFHxDA**



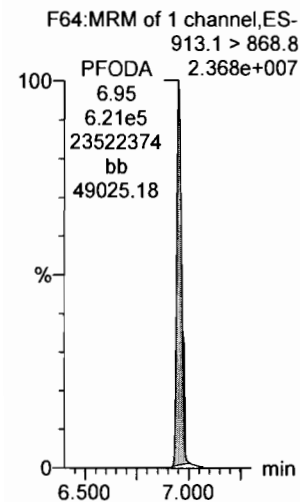
Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

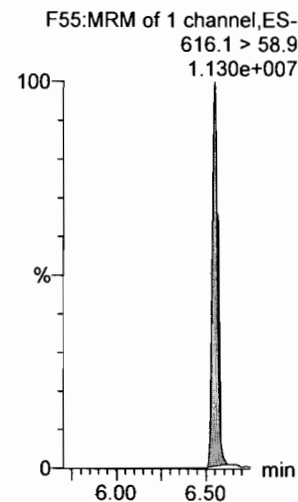
Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_11, Date: 15-Mar-2018, Time: 22:40:18, ID: ST180315M1-10 PFC CS7 18C1212, Description: PFC CS7 18C1212

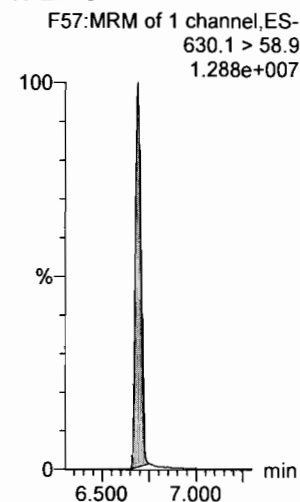
**PFODA**



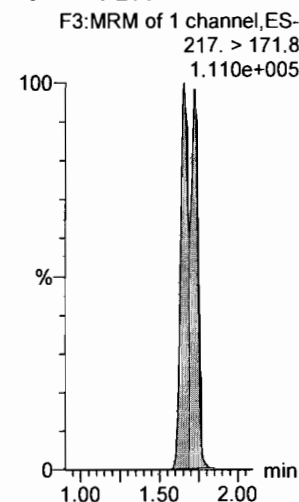
**N-MeFOSE**



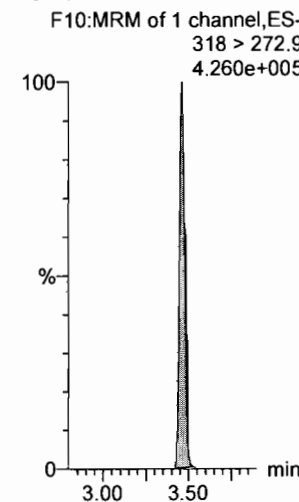
**N-EtFOSE**



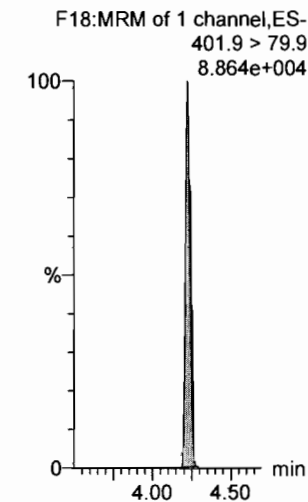
**13C4-PFBA**



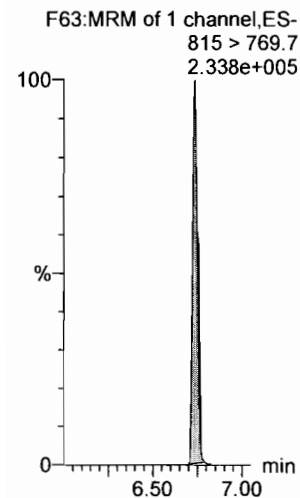
**13C5-PFHxA**



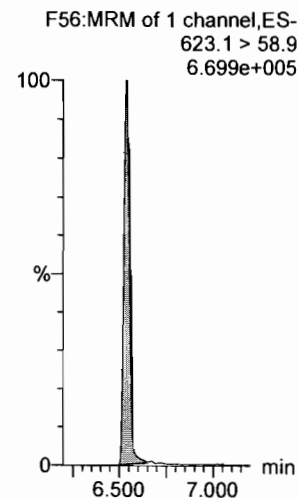
**13C3-PFHxS**



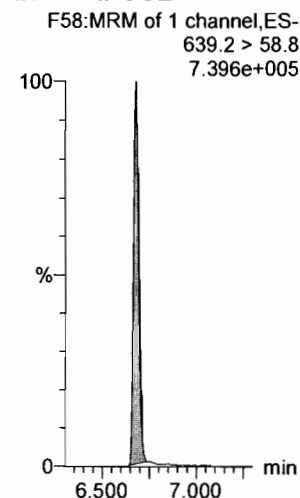
**13C2-PFHxDA**



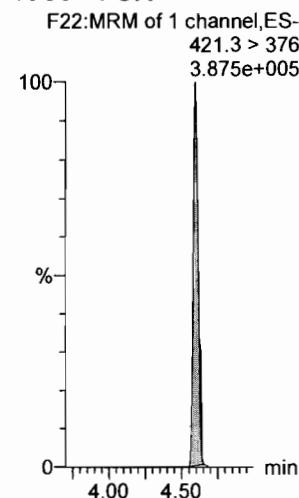
**d7-N-MeFOSE**



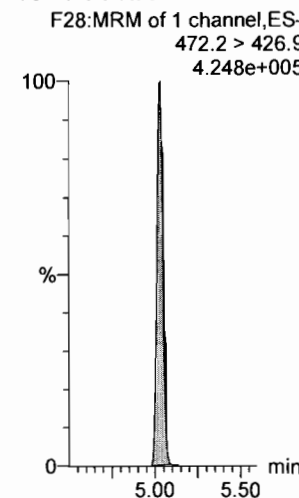
**d9-N-EtFOSE**



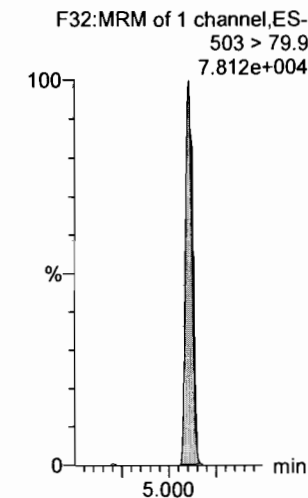
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**





Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-CRV.qld

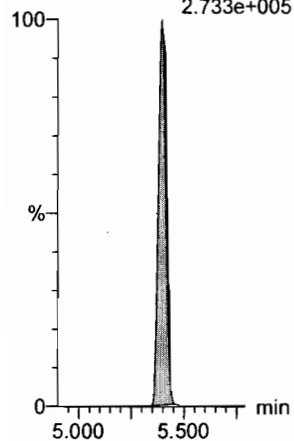
Last Altered: Friday, March 16, 2018 10:07:42 Pacific Daylight Time

Printed: Friday, March 16, 2018 10:35:29 Pacific Daylight Time

Name: 180315M1\_11, Date: 15-Mar-2018, Time: 22:40:18, ID: ST180315M1-10 PFC CS7 18C1212, Description: PFC CS7 18C1212

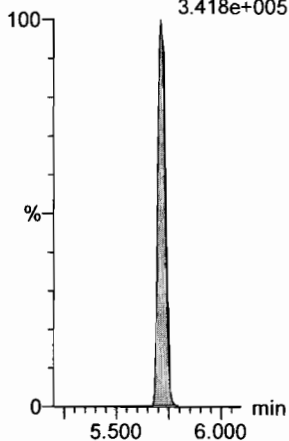
13C6-PFDA

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
2.733e+005



13C7-PFUdA

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
3.418e+005



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-13.qld

Last Altered: Friday, March 16, 2018 11:13:06 Pacific Daylight Time

Printed: Friday, March 16, 2018 11:16:02 Pacific Daylight Time

*Ⓐ Not in W.*

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031418.mdb 15 Mar 2018 11:27:24

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180315M1\_13, Date: 15-Mar-2018, Time: 23:03:16, ID: ICV180315M1-1 PFC ICV 18C1202, Description: PFC ICV 18C1202

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
1	1 PFBA	213.0 > 168.8	9.21e3	1.00e4		1.86	1.73	11.5	10.1	101.1	NO	
2	2 PFPeA	263.1 > 218.9	1.10e4	1.32e4		2.85	2.70	10.4	10.1	101.4	NO	
3	3 PFBS	299.0 > 79.7	2.23e3	1.73e3		3.11	2.97	16.1	8.77	87.7	NO	
4	4 4:2 FTS	327.2 > 307.2	2.81e3	1.73e3		3.52	3.37	20.3	8.89	88.9	NO	
5	5 PFHxA	313.2 > 268.9	1.41e4	4.67e3		3.62	3.46	15.1	9.99	99.9	NO	
6	6 PFPeS	349.1 > 80.1	2.05e3	1.73e3		3.81	3.66	14.8	8.57	85.7	NO	
7	7 PFHpA	363.0 > 318.9	1.22e4	1.08e4		4.25	4.09	14.1	11.3	113.5	NO	
8	8 L-PFHxS	398.9 > 79.6	1.80e3	1.20e3		4.39	4.23	18.8	10.1	101.0	NO	
9	10 6:2 FTS	427.1 > 407	3.06e3	3.87e3		4.70	4.55	9.89	8.71	87.1	NO	
10	11 L-PFOA	413 > 368.7	1.26e4	1.54e4		4.60	4.60	10.3	10.5	104.8	NO	
11	13 PFHpS	449 > 80.0	2.73e3	1.54e4		4.85	4.70	2.22	10.5	104.8	NO	
12	14 PFNA	463.0 > 418.8	1.64e4	1.78e4		5.18	5.03	11.6	10.1	100.6	NO	
13	15 PFOSA	498.1 > 77.8	3.28e3	4.00e3		5.24	5.09	10.3	10.1	100.6	NO	
14	16 L-PFOS	499 > 79.9	2.58e3	3.76e3		5.26	5.11	8.58	8.66	86.6	NO	
15	18 PFDA	513 > 468.8	1.58e4	1.63e4		5.55	5.39	12.2	10.2	102.0	NO	
16	19 8:2 FTS	527 > 506.9	4.03e3	2.91e3		5.53	5.37	17.3	9.32	93.2	NO	
17	20 PFNS	549.1 > 80.1	2.28e3	3.76e3		5.61	5.45	7.58	8.56	85.6	NO	
18	21 N-MeFOSAA	570.1 > 419	9.08e3	7.68e3		5.69	5.54	14.8	10.0	100.4	NO	
19	22 N-EiFOSAA	584.2 > 419	7.84e3	7.88e3		5.85	5.70	12.4	11.3	113.2	NO	
20	23 PFUdA	563.0 > 518.9	1.59e4	1.76e4		5.87	5.71	11.3	10.1	101.2	NO	
21	24 PFDS	598.8 > 80	3.10e3	1.76e4		5.91	5.76	2.20	10.8	107.7	NO	
22	25 PFDaA	612.9 > 569.0	1.83e4	1.41e4		6.14	5.99	16.2	10.4	103.6	NO	
23	26 N-MeFOSA	512.1 > 168.9		2.09e4		6.14					NO	
24	27 PFTrDA	662.9 > 618.9	1.84e4	1.41e4		6.39	6.23	16.2	10.2	101.7	NO	
25	28 PFTeDA	712.9 > 668.8	1.46e4	6.64e3		6.56	6.43	27.6	11.1	111.5	NO	
26	29 N-EiFOSA	526.1 > 168.9		3.15e4		6.48					NO	
27	30 PFHxDA	813.1 > 768.6		6.01e3		6.85					NO	
28	31 PFODA	913.1 > 868.8		6.01e3		7.06					NO	
29	32 N-MeFOSE	616.1 > 58.9		2.86e4		6.56					NO	
30	33 N-EiFOSE	630.1 > 58.9		2.58e4		6.70					NO	
31	34 13C3-PFBA	216.1 > 171.8	1.00e4	1.16e4	0.878	1.86	1.72	10.8	12.4	98.9	NO	

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*DM  
3/16/18*

Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-13.qld

Last Altered: Friday, March 16, 2018 11:13:06 Pacific Daylight Time

Printed: Friday, March 16, 2018 11:16:02 Pacific Daylight Time

Name: 180315M1\_13, Date: 15-Mar-2018, Time: 23:03:16, ID: ICV180315M1-1 PFC ICV 18C1202, Description: PFC ICV 18C1202

	# Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
32	35 13C3-PFPeA	266. > 221.8	1.32e4	1.58e4	0.844	2.85	2.70	10.4	12.3	98.4	NO	
33	36 13C3-PFBS	302. > 98.8	1.73e3	1.58e4	0.103	3.11	2.97	1.36	13.2	105.6	NO	
34	37 13C2-PFHxA	315 > 269.8	4.67e3	1.58e4	0.741	3.62	3.47	3.69	4.98	99.6	NO	
35	38 13C4-PFHpA	367.2 > 321.8	1.08e4	1.58e4	0.726	4.25	4.09	8.54	11.8	94.1	NO	
36	39 18O2-PFHxS	403.0 > 102.6	1.20e3	3.30e3	0.368	4.39	4.22	4.54	12.3	98.6	NO	
37	40 13C2-6:2 FTS	429.1 > 408.9	3.87e3	1.65e4	0.265	4.70	4.55	2.94	11.1	88.7	NO	
38	41 13C2-PFOA	414.9 > 369.7	1.54e4	1.65e4	0.987	4.76	4.60	11.7	11.8	94.5	NO	
39	42 13C5-PFNA	468.2 > 422.9	1.78e4	1.86e4	0.967	5.18	5.03	11.9	12.4	98.8	NO	
40	43 13C8-PFOSA	506.1 > 77.7	4.00e3	1.63e4	0.235	5.24	5.09	3.08	13.1	104.8	NO	
41	44 13C8-PFOS	507.0 > 79.9	3.76e3	3.85e3	1.040	5.26	5.11	12.2	11.7	93.9	NO	
42	45 13C2-PFDA	515.1 > 469.9	1.63e4	1.49e4	1.204	5.55	5.39	13.7	11.4	90.8	NO	
43	46 13C2-8:2 FTS	529.1 > 508.7	2.91e3	1.58e4	0.168	5.53	5.37	2.30	13.7	109.4	NO	
44	47 d3-N-MeFOSAA	573.3 > 419	7.68e3	1.63e4	0.465	5.69	5.54	5.91	12.7	101.6	NO	
45	48 d5-N-EtFOSAA	589.3 > 419	7.88e3	1.63e4	0.510	5.85	5.69	6.06	11.9	95.1	NO	
46	49 13C2-PFUdA	565 > 519.8	1.76e4	1.63e4	1.063	5.87	5.71	13.5	12.7	101.7	NO	
47	50 13C2-PFDoA	615.0 > 569.7	1.41e4	1.63e4	0.875	6.14	5.99	10.9	12.4	99.4	NO	
48	51 d3-N-MeFOSA	515.2 > 168.9	2.09e4	1.63e4	0.114	6.14	6.09	16.1	141	94.2	NO	
49	52 13C2-PFTeDA	714.8 > 669.6	6.64e3	1.63e4	0.500	6.56	6.44	5.10	10.2	81.7	NO	
50	53 d5-N-ETFOSA	531.1 > 168.9	3.15e4	1.63e4	0.158	6.48	6.45	24.2	153	102.3	NO	
51	54 13C2-PFHxDA	815 > 769.7	6.01e3	1.63e4	1.081	6.85	6.73	4.62	4.28	85.6	NO	
52	55 d7-N-MeFOSE	623.1 > 58.9	2.86e4	1.63e4	0.138	6.56	6.54	22.0	159	106.3	NO	
53	56 d9-N-EtFOSE	639.2 > 58.8	2.58e4	1.63e4	0.127	6.70	6.68	19.8	156	104.2	NO	
54	57 13C4-PFBA	217. > 171.8	1.16e4	1.16e4	1.000	1.86	1.72	12.5	12.5	100.0	NO	
55	58 13C5-PFHxA	318 > 272.9	1.58e4	1.58e4	1.000	3.62	3.46	12.5	12.5	100.0	NO	
56	59 13C3-PFHxS	401.9 > 79.9	3.30e3	3.30e3	1.000	4.39	4.23	12.5	12.5	100.0	NO	
57	60 13C8-PFOA	421.3 > 376	1.65e4	1.65e4	1.000	4.76	4.60	12.5	12.5	100.0	NO	
58	61 13C9-PFNA	472.2 > 426.9	1.86e4	1.86e4	1.000	5.18	5.02	12.5	12.5	100.0	NO	
59	62 13C4-PFOS	503 > 79.9	3.85e3	3.85e3	1.000	5.26	5.11	12.5	12.5	100.0	NO	
60	63 13C6-PFDA	519.1 > 473.7	1.49e4	1.49e4	1.000	5.55	5.39	12.5	12.5	100.0	NO	
61	64 13C7-PFUdA	570.1 > 524.8	1.63e4	1.63e4	1.000	5.87	5.71	12.5	12.5	100.0	NO	

Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-13.qld

Last Altered: Friday, March 16, 2018 11:13:06 Pacific Daylight Time

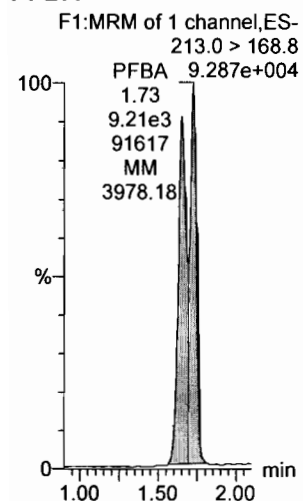
Printed: Friday, March 16, 2018 11:16:02 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031418.mdb 15 Mar 2018 11:27:24

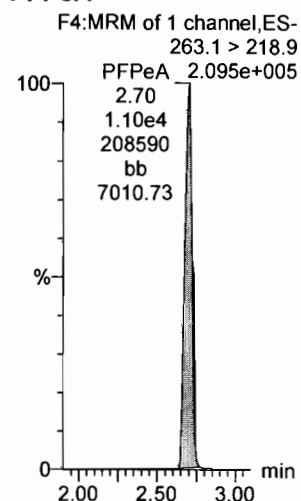
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180315M1\_13, Date: 15-Mar-2018, Time: 23:03:16, ID: ICV180315M1-1 PFC ICV 18C1202, Description: PFC ICV 18C1202

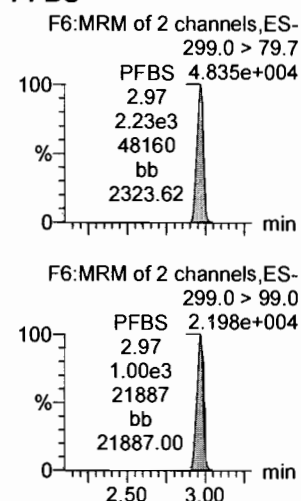
**PFBA**



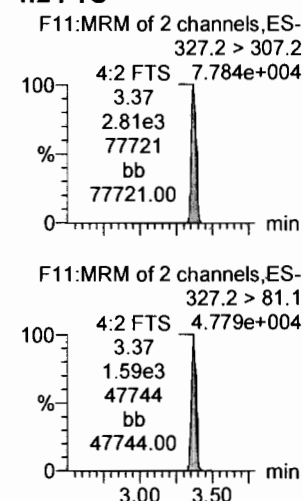
**PFPeA**



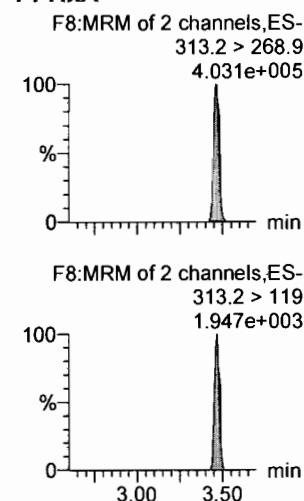
**PFBS**



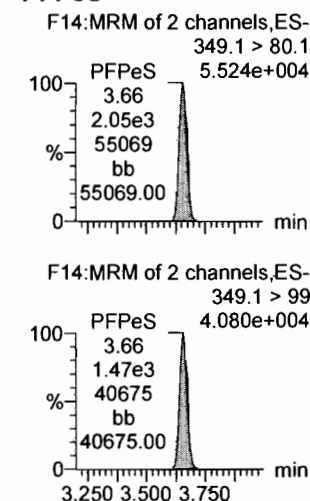
**4:2 FTS**



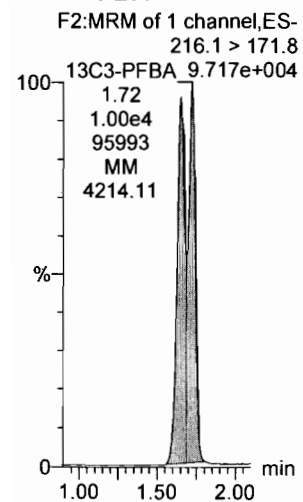
**PFHxA**



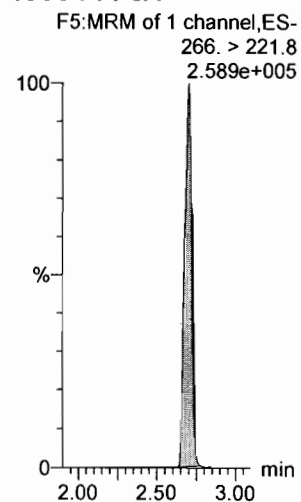
**PFPeS**



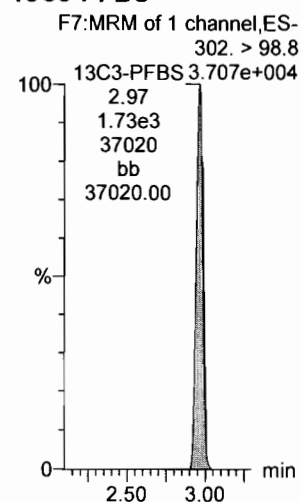
**13C3-PFBA**



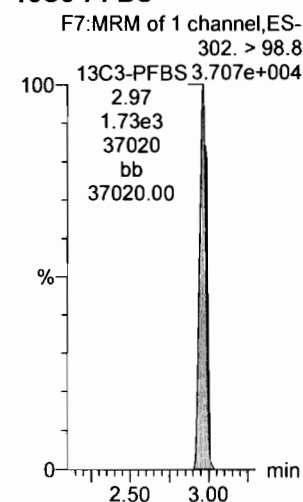
**13C3-PFPeA**



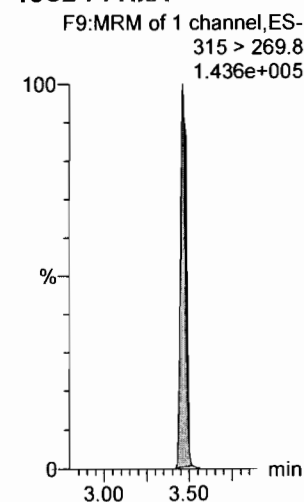
**13C3-PFBS**



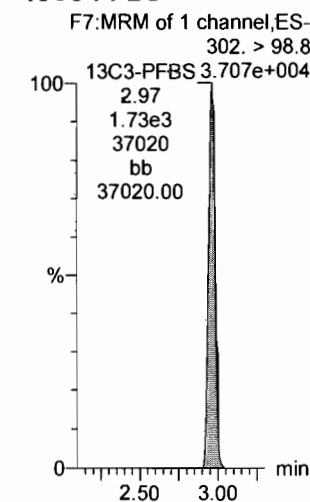
**13C3-PFBS**



**13C2-PFHxA**



**13C3-PFBS**

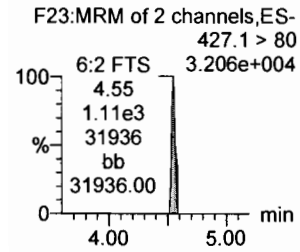
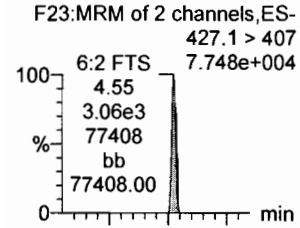


Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-13.qld

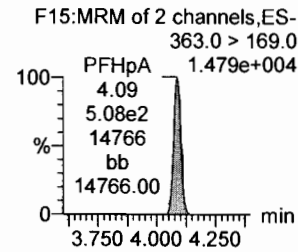
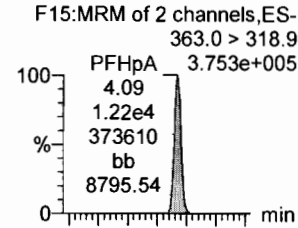
Last Altered: Friday, March 16, 2018 11:13:06 Pacific Daylight Time  
Printed: Friday, March 16, 2018 11:16:02 Pacific Daylight Time

Name: 180315M1\_13, Date: 15-Mar-2018, Time: 23:03:16, ID: ICV180315M1-1 PFC ICV 18C1202, Description: PFC ICV 18C1202

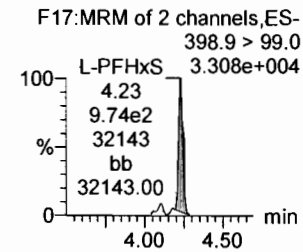
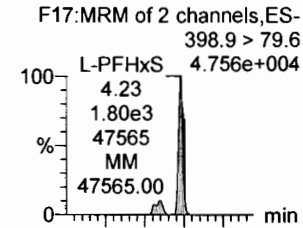
**6:2 FTS**



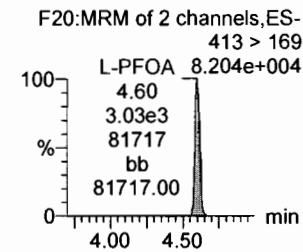
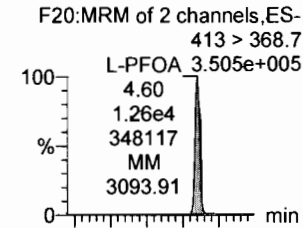
**PFHpA**



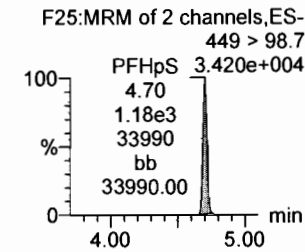
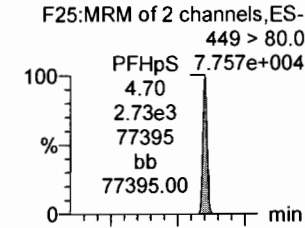
**L-PFHxS**



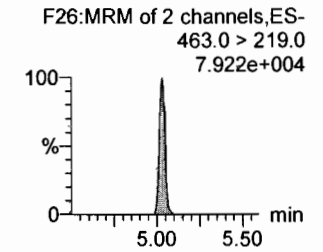
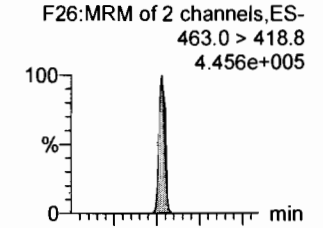
**L-PFOA**



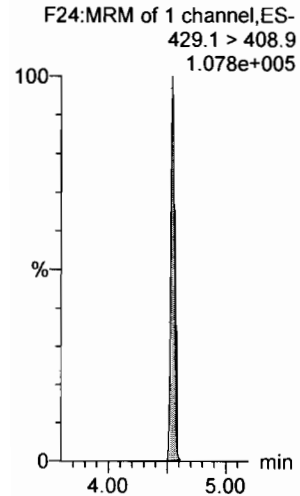
**PFHpS**



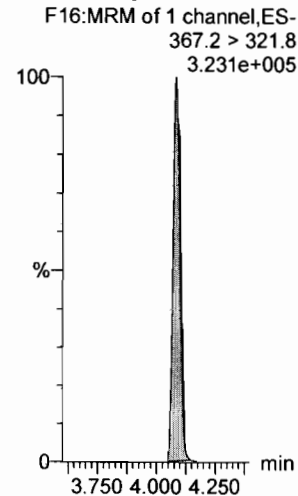
**PFNA**



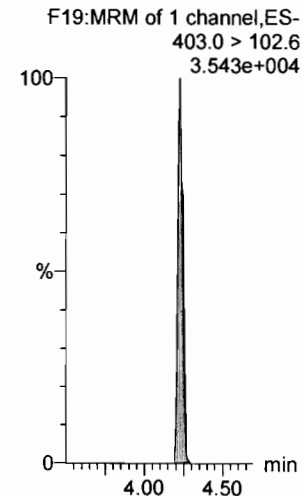
**13C2-6:2 FTS**



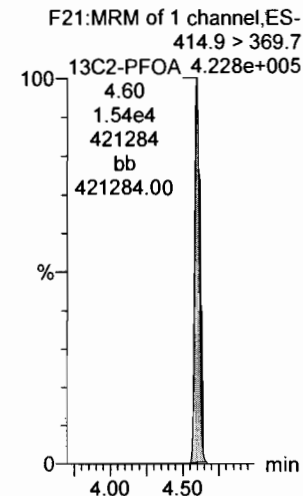
**13C4-PFHpA**



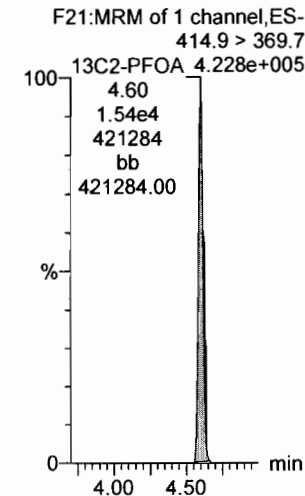
**18O2-PFHxS**



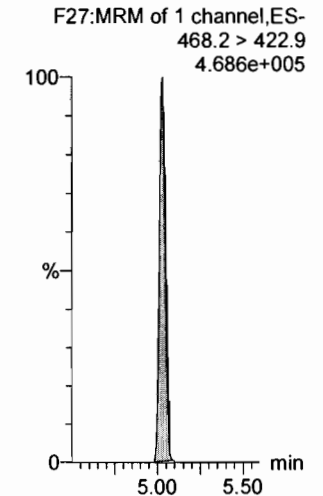
**13C2-PFOA**



**13C2-PFOA**



**13C5-PFNA**



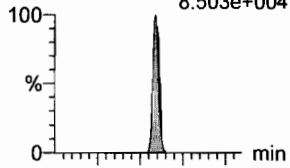
Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-13.qld

Last Altered: Friday, March 16, 2018 11:13:06 Pacific Daylight Time  
Printed: Friday, March 16, 2018 11:16:02 Pacific Daylight Time

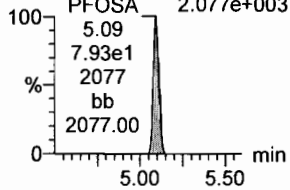
Name: 180315M1\_13, Date: 15-Mar-2018, Time: 23:03:16, ID: ICV180315M1-1 PFC ICV 18C1202, Description: PFC ICV 18C1202

**PFOSA**

F29:MRM of 4 channels,ES-  
498.1 > 77.8  
8.503e+004

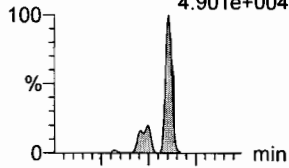


F29:MRM of 4 channels,ES-  
498.1 > 478  
2.077e+003

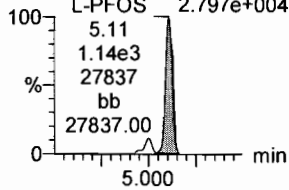


**L-PFOS**

F31:MRM of 2 channels,ES-  
499 > 79.9  
4.901e+004

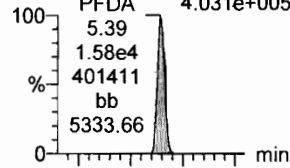


F31:MRM of 2 channels,ES-  
499 > 99  
2.797e+004

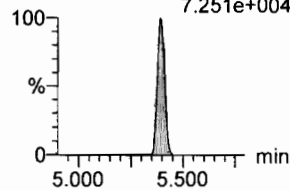


**PFDA**

F36:MRM of 2 channels,ES-  
513 > 468.8  
4.031e+005

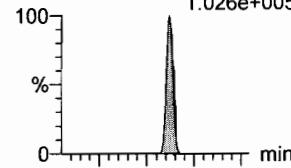


F36:MRM of 2 channels,ES-  
513 > 219  
7.251e+004

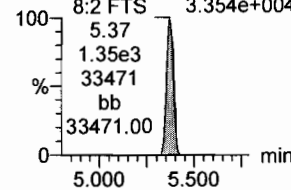


**8:2 FTS**

F41:MRM of 2 channels,ES-  
527 > 506.9  
1.026e+005

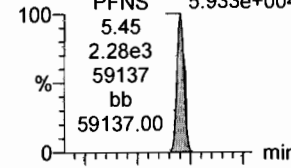


F41:MRM of 2 channels,ES-  
527 > 80  
3.354e+004

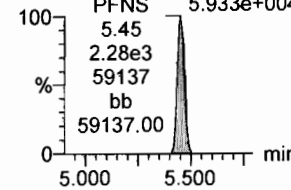


**PFNS**

F44:MRM of 2 channels,ES-  
549.1 > 80.1  
5.933e+004

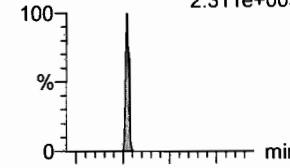


F44:MRM of 2 channels,ES-  
549.1 > 80.1  
5.933e+004

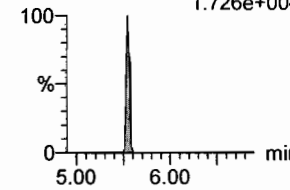


**N-MeFOSAA**

F47:MRM of 2 channels,ES-  
570.1 > 419  
2.311e+005

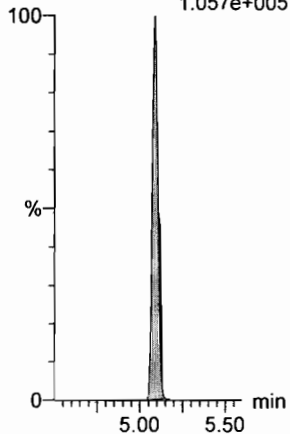


F47:MRM of 2 channels,ES-  
570.1 > 483.0  
1.726e+004



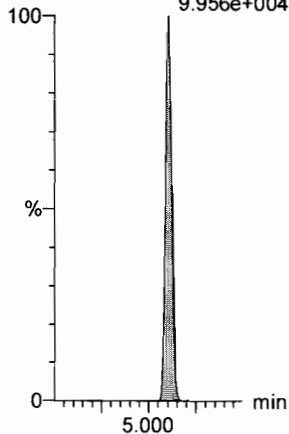
**13C8-PFOSA**

F33:MRM of 1 channel,ES-  
506.1 > 77.7  
1.057e+005



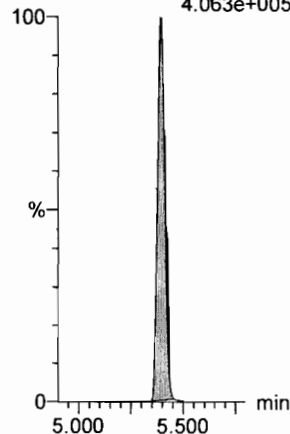
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
9.956e+004



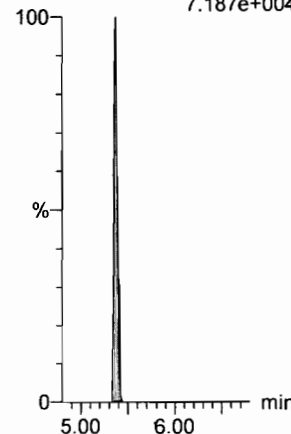
**13C2-PFDA**

F37:MRM of 1 channel,ES-  
515.1 > 469.9  
4.063e+005



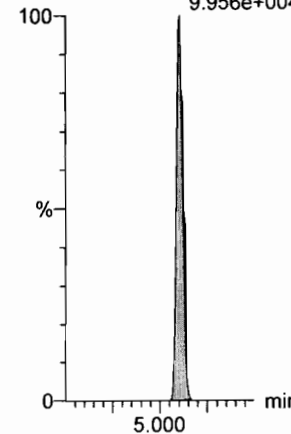
**13C2-8:2 FTS**

F42:MRM of 1 channel,ES-  
529.1 > 508.7  
7.187e+004



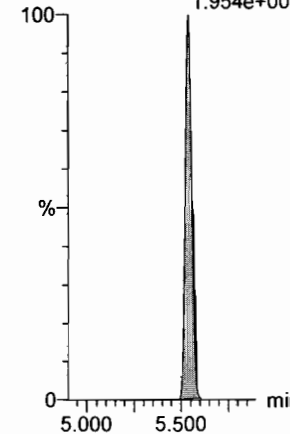
**13C8-PFOS**

F34:MRM of 1 channel,ES-  
507.0 > 79.9  
9.956e+004



**d3-N-MeFOSAA**

F49:MRM of 1 channel,ES-  
573.3 > 419  
1.954e+005



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-13.qld

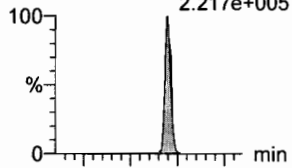
Last Altered: Friday, March 16, 2018 11:13:06 Pacific Daylight Time

Printed: Friday, March 16, 2018 11:16:02 Pacific Daylight Time

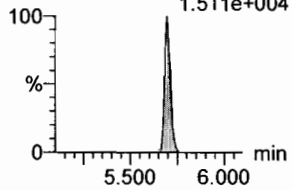
Name: 180315M1\_13, Date: 15-Mar-2018, Time: 23:03:16, ID: ICV180315M1-1 PFC ICV 18C1202, Description: PFC ICV 18C1202

**N-EtFOSAA**

F50:MRM of 2 channels,ES-  
584.2 > 419  
2.217e+005



F50:MRM of 2 channels,ES-  
584.2 > 483.0  
1.511e+004

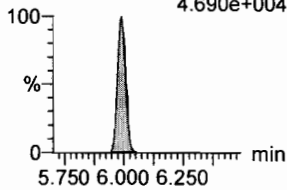


**PFDoA**

F53:MRM of 4 channels,ES-  
612.9 > 569.0  
4.703e+005

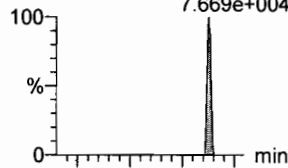


F53:MRM of 4 channels,ES-  
612.9 > 318.8  
4.690e+004

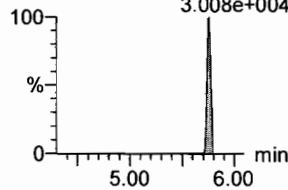


**PFDS**

F52:MRM of 2 channels,ES-  
598.8 > 80  
7.669e+004

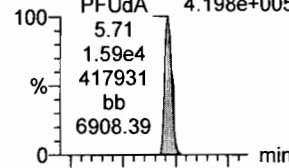


F52:MRM of 2 channels,ES-  
598.8 > 98.7  
3.008e+004

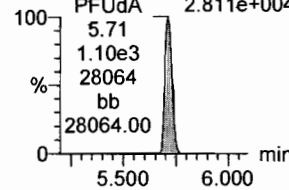


**PFUdA**

F45:MRM of 2 channels,ES-  
563.0 > 518.9  
4.198e+005

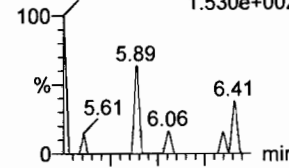


F45:MRM of 2 channels,ES-  
563.0 > 269  
2.811e+004

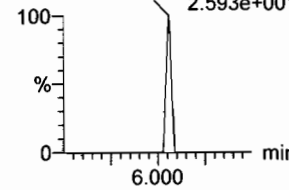


**N-MeFOSA**

F35:MRM of 2 channels,ES-  
512.1 > 168.9  
1.530e+002

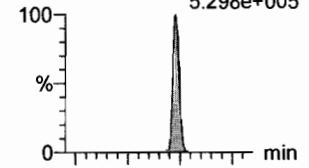


F35:MRM of 2 channels,ES-  
512.1 > 219  
2.593e+001

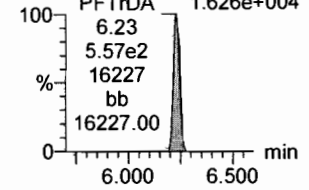


**PFTrDA**

F59:MRM of 2 channels,ES-  
662.9 > 618.9  
5.298e+005

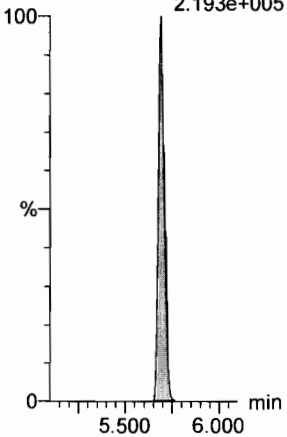


F59:MRM of 2 channels,ES-  
662.9 > 319  
1.626e+004



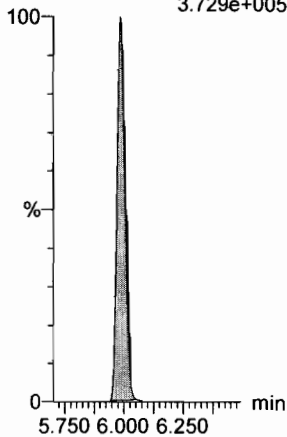
**d5-N-EtFOSAA**

F51:MRM of 1 channel,ES-  
589.3 > 419  
2.193e+005



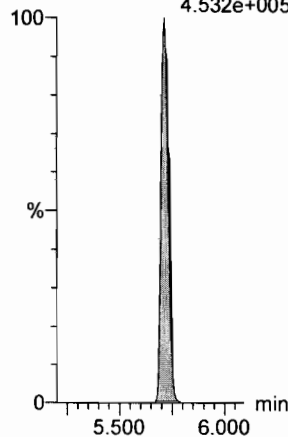
**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
3.729e+005



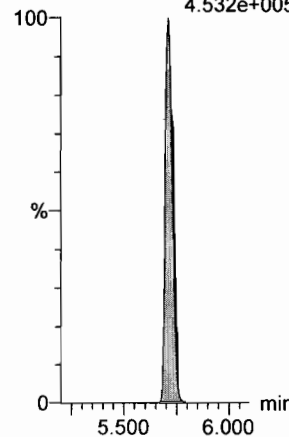
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
4.532e+005



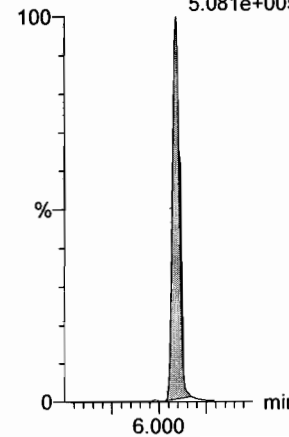
**13C2-PFUdA**

F46:MRM of 1 channel,ES-  
565 > 519.8  
4.532e+005



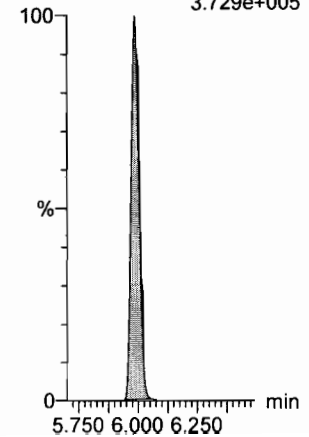
**d3-N-MeFOSA**

F38:MRM of 1 channel,ES-  
515.2 > 168.9  
5.081e+005



**13C2-PFDoA**

F54:MRM of 2 channels,ES-  
615.0 > 569.7  
3.729e+005



Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-13.qld

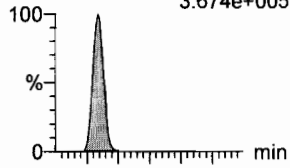
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Printed: Friday, March 16, 2018 11:16:02 Pacific Daylight Time

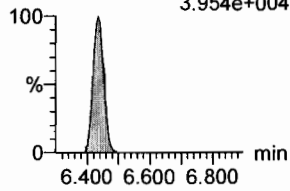
Name: 180315M1\_13, Date: 15-Mar-2018, Time: 23:03:16, ID: ICV180315M1-1 PFC ICV 18C1202, Description: PFC ICV 18C1202

**PFTeDA**

F60:MRM of 2 channels,ES-  
712.9 > 668.8  
3.674e+005

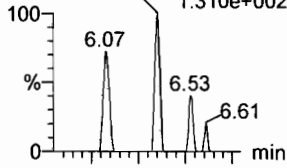


F60:MRM of 2 channels,ES-  
712.9 > 369  
3.954e+004

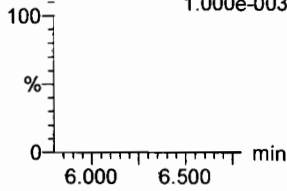


**N-EtFOSA**

F40:MRM of 2 channels,ES-  
526.1 > 168.9  
1.310e+002

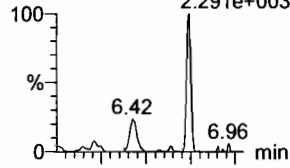


F40:MRM of 2 channels,ES-  
526.1 > 219  
1.000e-003

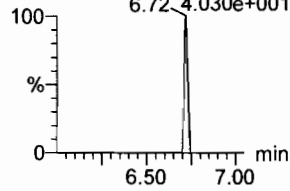


**PFHxDA**

F62:MRM of 2 channels,ES-  
813.1 > 768.6  
2.291e+003

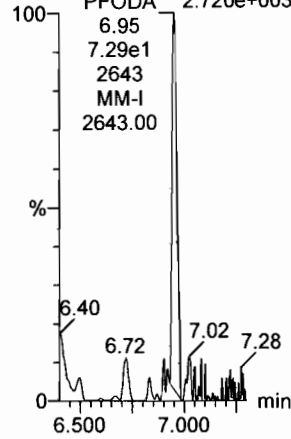


F62:MRM of 2 channels,ES-  
813.1 > 219  
6.72-4.030e+001



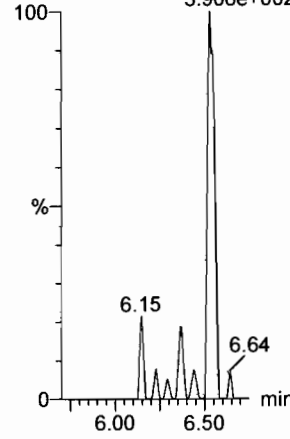
**PFODA**

F64:MRM of 1 channel,ES-  
913.1 > 868.8  
2.720e+003



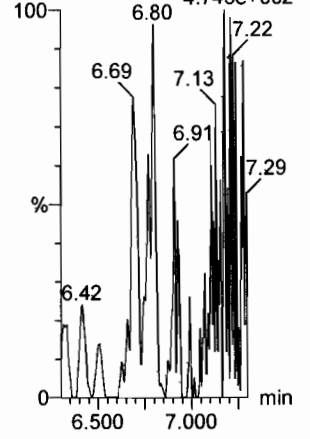
**N-MeFOSE**

F55:MRM of 1 channel,ES-  
616.1 > 58.9  
3.906e+002



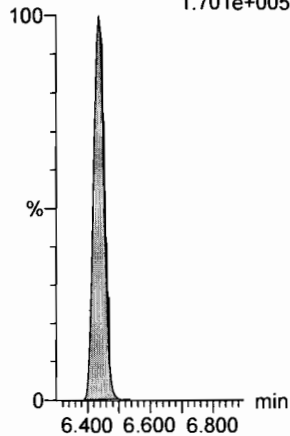
**N-EtFOSE**

F57:MRM of 1 channel,ES-  
630.1 > 58.9  
4.745e+002



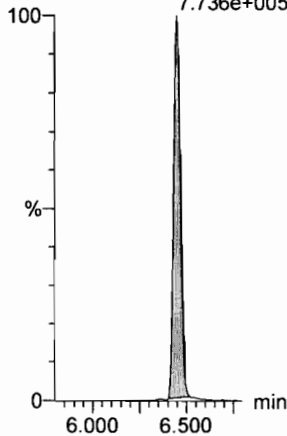
**13C2-PFTeDA**

F61:MRM of 2 channels,ES-  
714.8 > 669.6  
1.701e+005



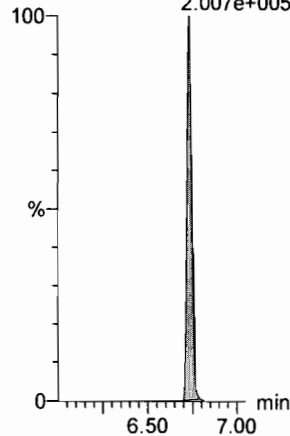
**d5-N-ETFOSA**

F43:MRM of 1 channel,ES-  
531.1 > 168.9  
7.736e+005



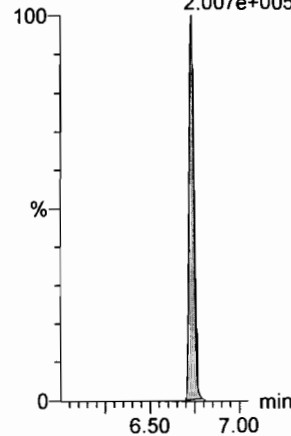
**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
2.007e+005



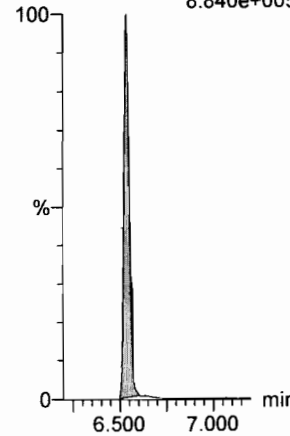
**13C2-PFHxDA**

F63:MRM of 1 channel,ES-  
815 > 769.7  
2.007e+005



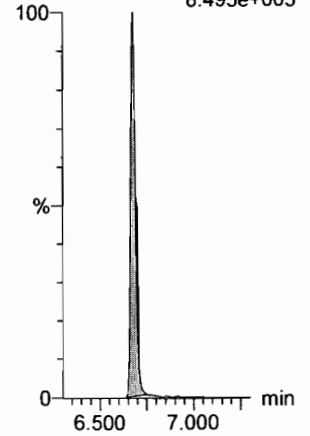
**d7-N-MeFOSE**

F56:MRM of 1 channel,ES-  
623.1 > 58.9  
8.840e+005



**d9-N-EtFOSE**

F58:MRM of 1 channel,ES-  
639.2 > 58.8  
8.495e+005





Dataset: F:\Projects\PFAS.PRO\Results\180315M1\180315M1-13.qld

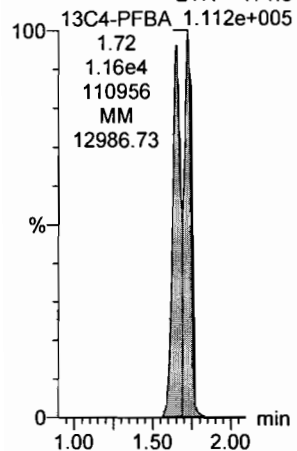
Last Altered: Friday, March 16, 2018 11:13:06 Pacific Daylight Time

Printed: Friday, March 16, 2018 11:16:02 Pacific Daylight Time

Name: 180315M1\_13, Date: 15-Mar-2018, Time: 23:03:16, ID: ICV180315M1-1 PFC ICV 18C1202, Description: PFC ICV 18C1202

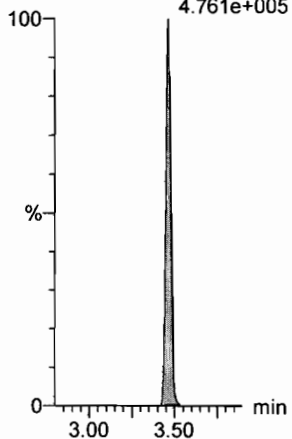
**13C4-PFBA**

F3:MRM of 1 channel,ES-  
217. > 171.8



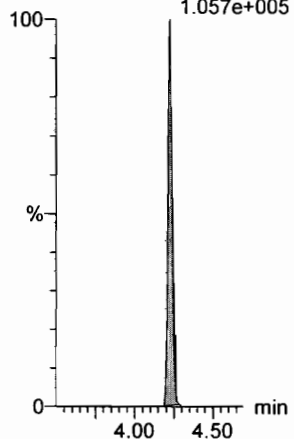
**13C5-PFHxA**

F10:MRM of 1 channel,ES-  
318 > 272.9  
4.761e+005



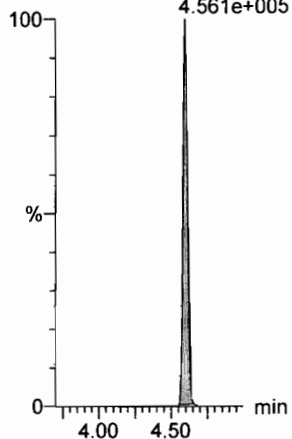
**13C3-PFHxS**

F18:MRM of 1 channel,ES-  
401.9 > 79.9  
1.057e+005



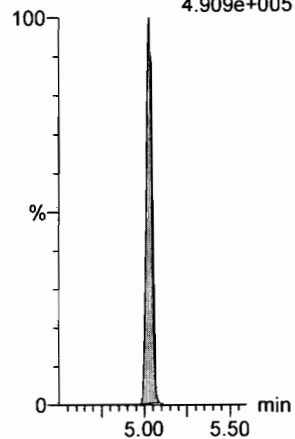
**13C8-PFOA**

F22:MRM of 1 channel,ES-  
421.3 > 376  
4.561e+005



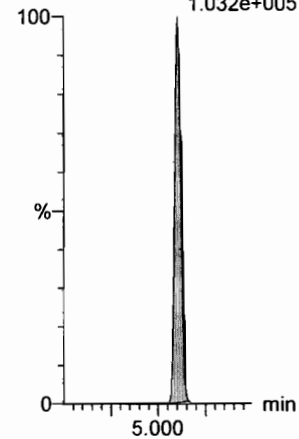
**13C9-PFNA**

F28:MRM of 1 channel,ES-  
472.2 > 426.9  
4.909e+005



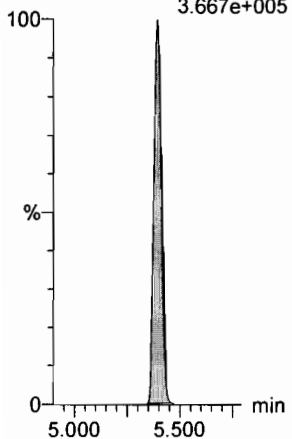
**13C4-PFOS**

F32:MRM of 1 channel,ES-  
503 > 79.9  
1.032e+005



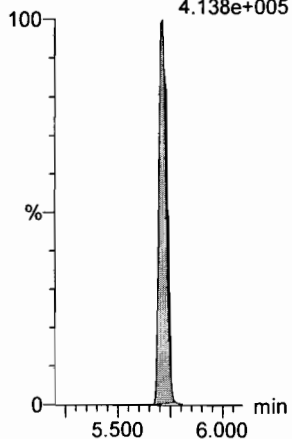
**13C6-PFDA**

F39:MRM of 1 channel,ES-  
519.1 > 473.7  
3.667e+005



**13C7-PFUdA**

F48:MRM of 1 channel,ES-  
570.1 > 524.8  
4.138e+005



Dataset: Untitled

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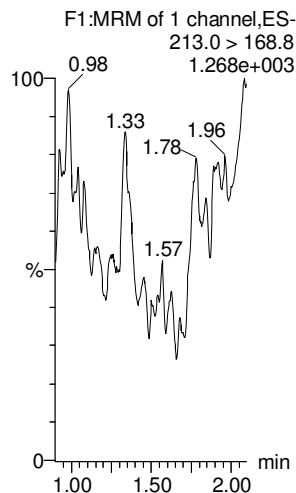
Printed: Friday, March 16, 2018 11:28:10 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS\_FULL\_80C\_031418.mdb 16 Mar 2018 11:12:49

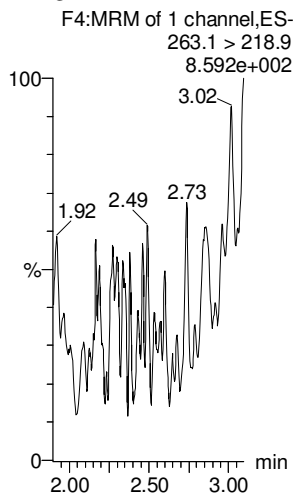
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18\_VAL-PFAS\_Q4\_03-15-18-FULL.cdb 16 Mar 2018 10:07:42

Name: 180315M1\_12, Date: 15-Mar-2018, Time: 22:51:47, ID: IPA, Description: IPA

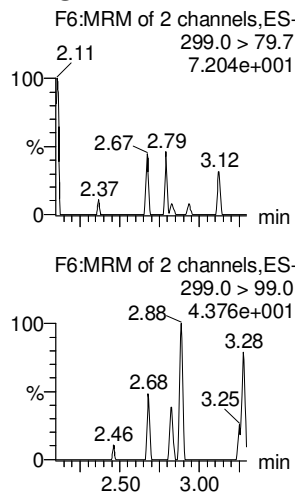
**PFBA**



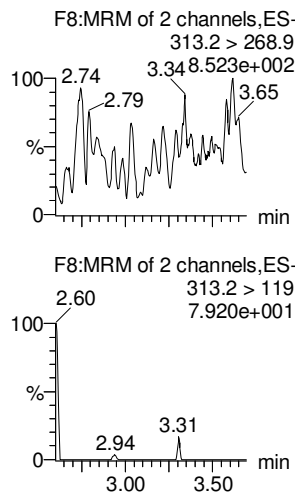
**PFPeA**



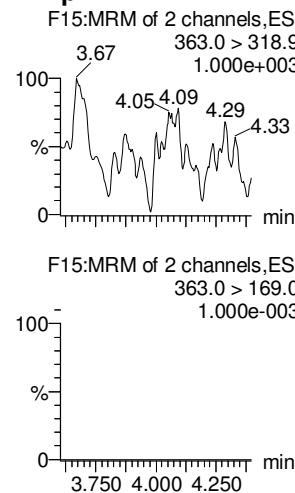
**PFBS**



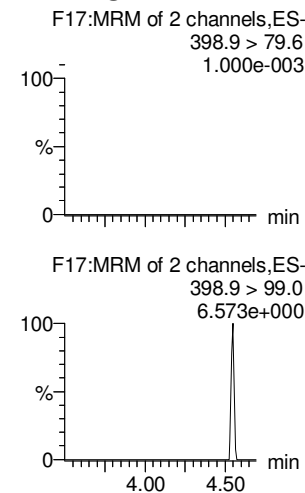
**PFHxA**



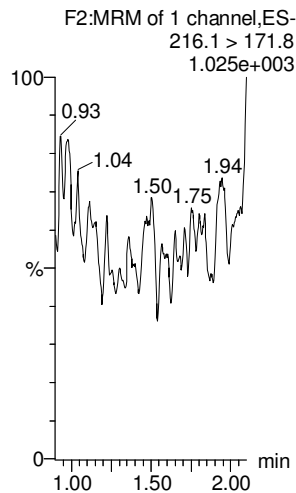
**PFHpA**



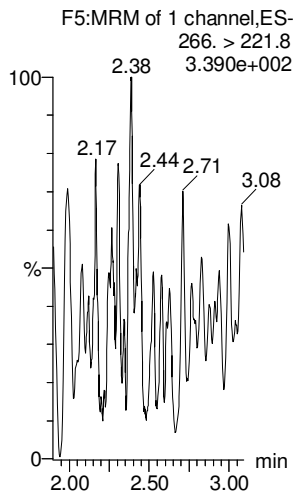
**L-PFHxS**



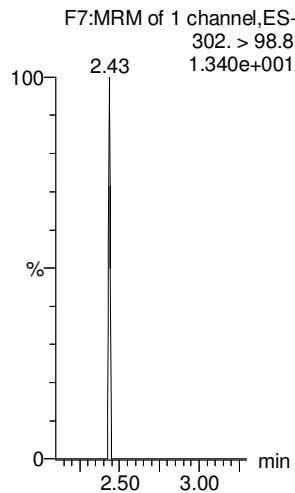
**13C3-PFBA**



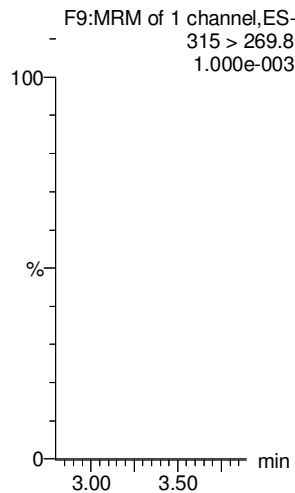
**13C3-PFPeA**



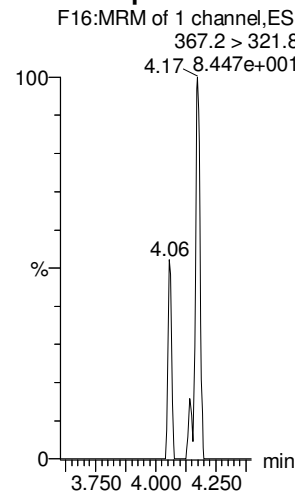
**13C3-PFBS**



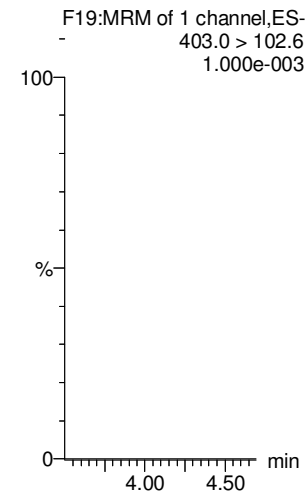
**13C2-PFHxA**



**13C4-PFHpA**



**18O2-PFHxS**



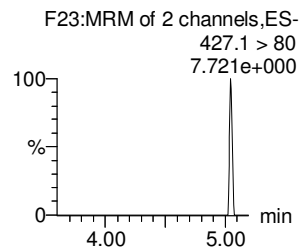
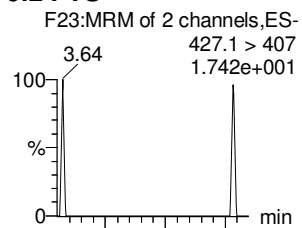
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Last Altered: Friday, March 16, 2018 11:28:02 Pacific Daylight Time

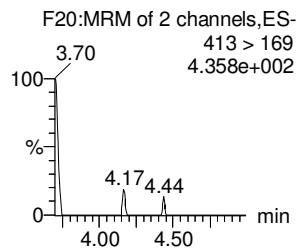
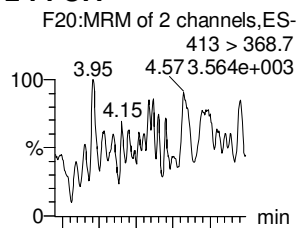
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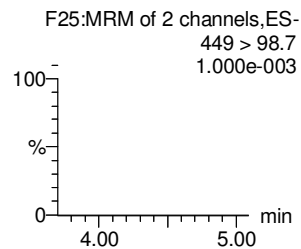
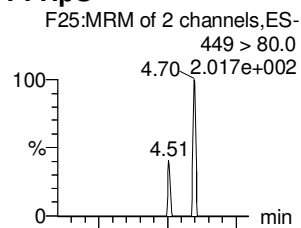
**6:2 FTS**



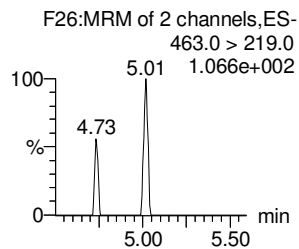
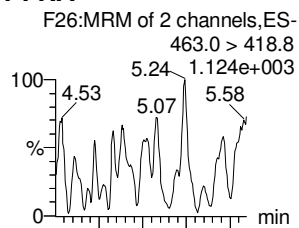
**L-PFOA**



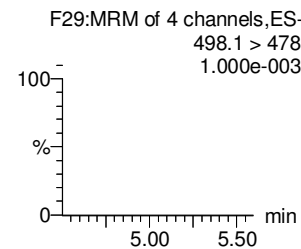
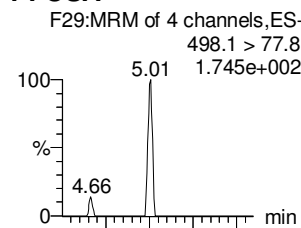
**PFHpS**



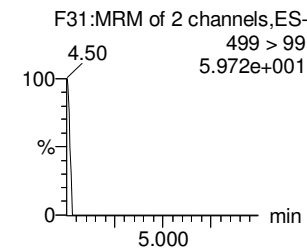
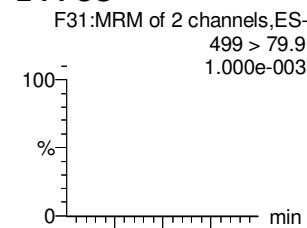
**PFNA**



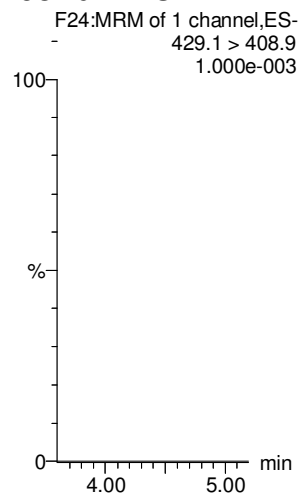
**PFOSA**



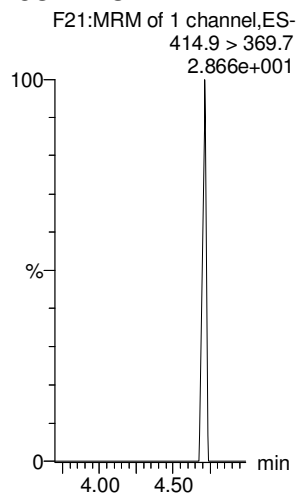
**L-PFOS**



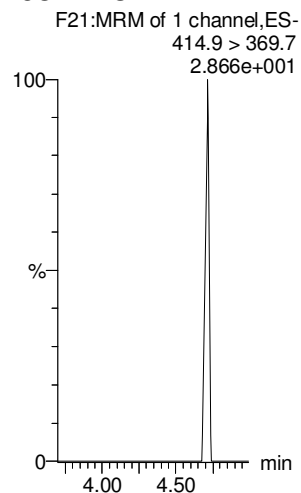
**13C2-6:2 FTS**



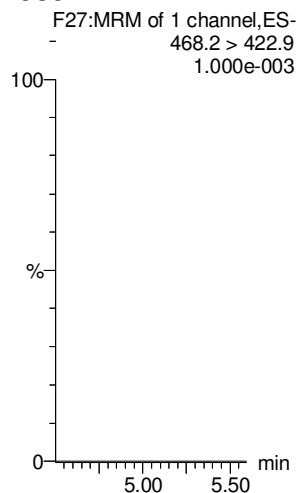
**13C2-PFOA**



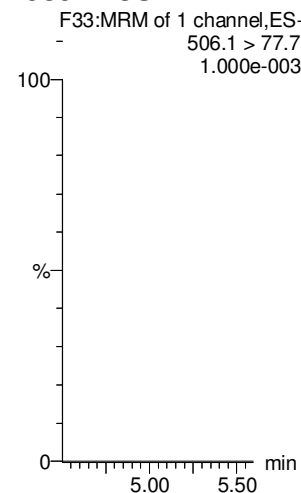
**13C2-PFOA**



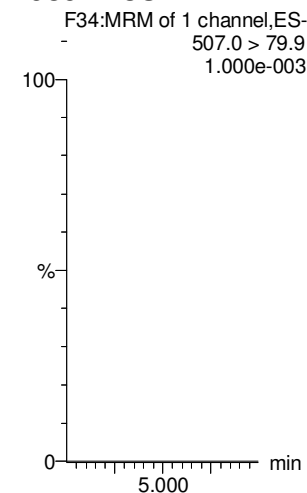
**13C5-PFNA**



**13C8-PFOSA**



**13C8-PFOS**



Dataset: Untitled

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**PFDA**

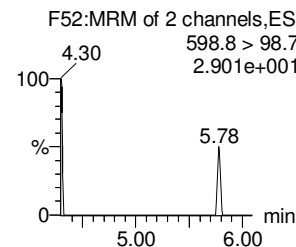
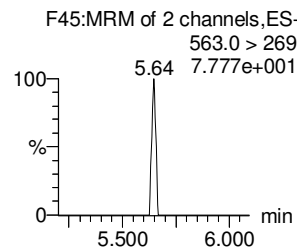
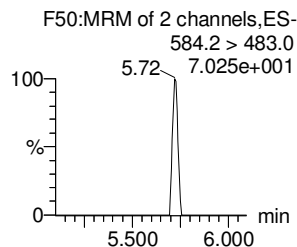
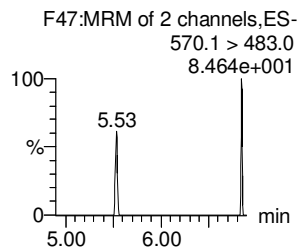
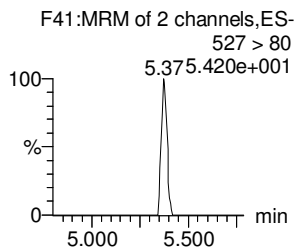
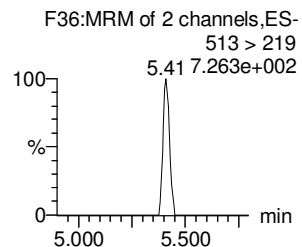
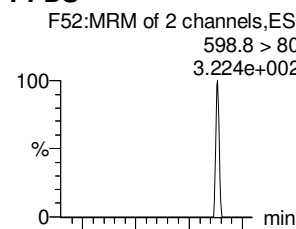
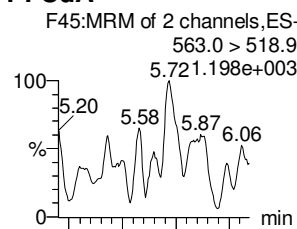
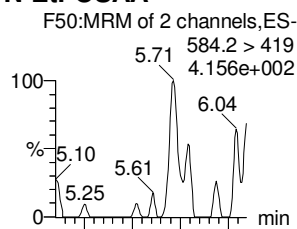
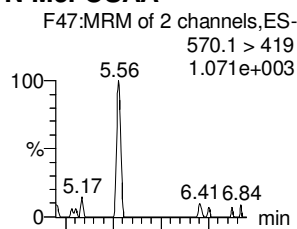
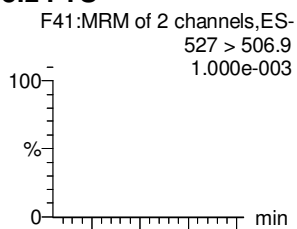
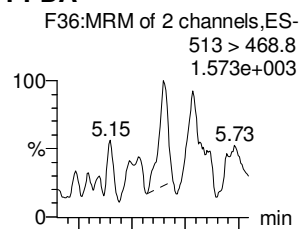
**8:2 FTS**

**N-MeFOSAA**

**N-EtFOSAA**

**PFUdA**

**PFDS**



**13C2-PFDA**

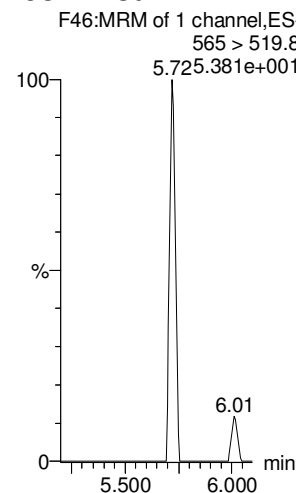
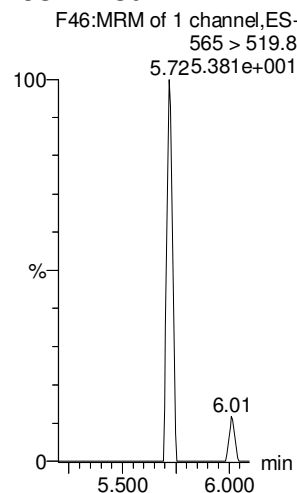
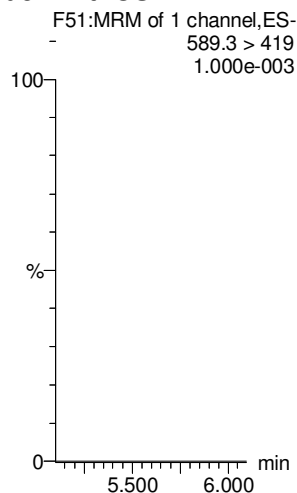
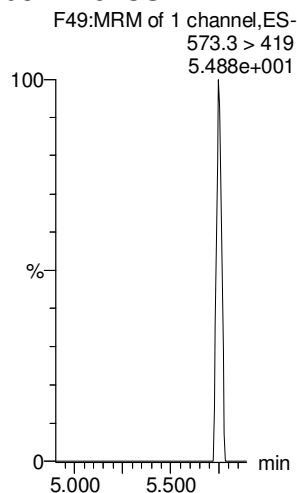
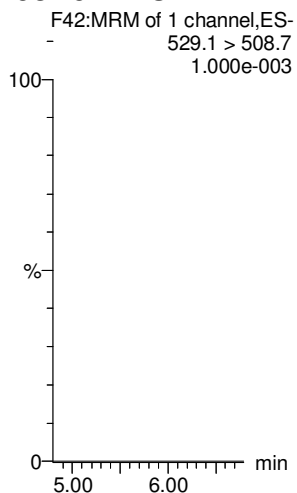
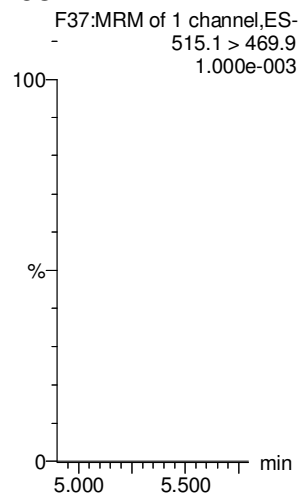
**13C2-8:2 FTS**

**d3-N-MeFOSAA**

**d5-N-EtFOSAA**

**13C2-PFUdA**

**13C2-PFUdA**



Dataset: Untitled

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**PFD<sub>o</sub>A**

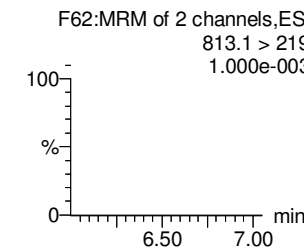
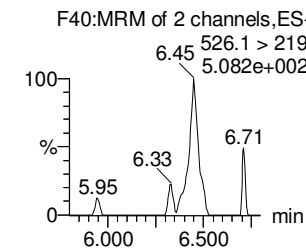
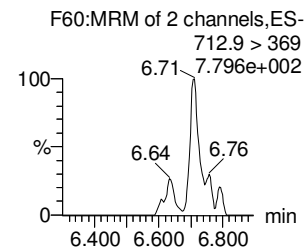
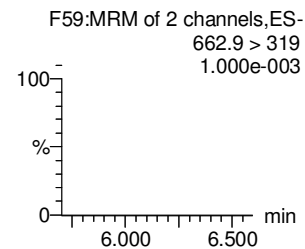
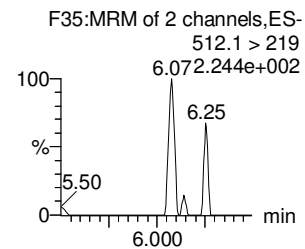
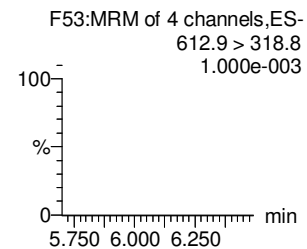
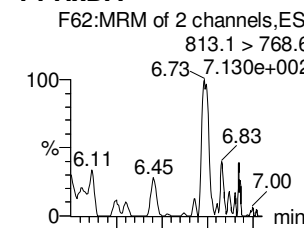
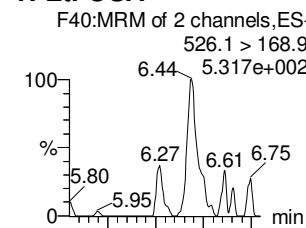
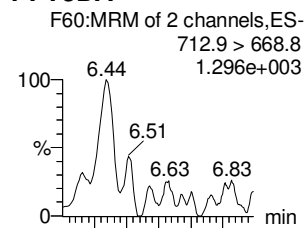
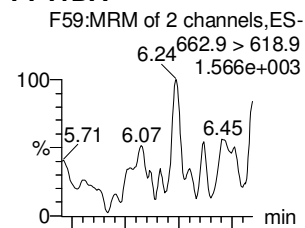
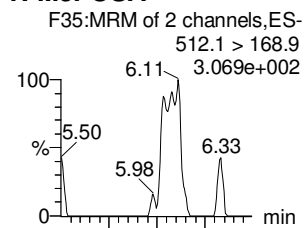
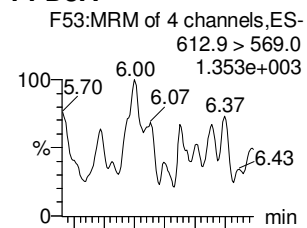
**N-MeFOSA**

**PFT<sub>r</sub>DA**

**PFT<sub>e</sub>DA**

**N-EtFOSA**

**PFH<sub>x</sub>DA**



**13C2-PFD<sub>o</sub>A**

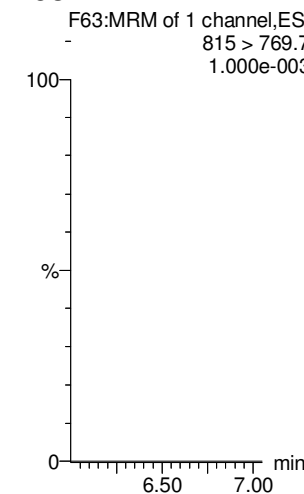
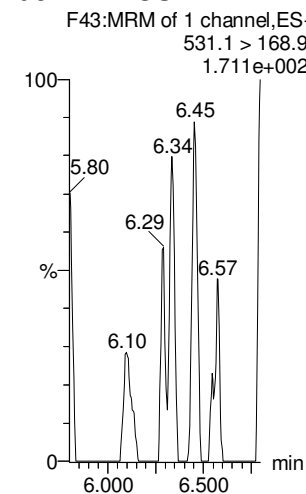
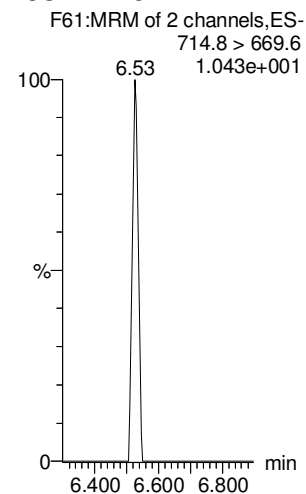
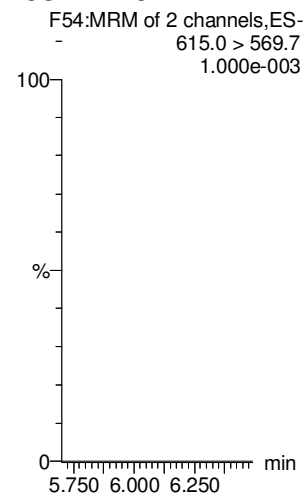
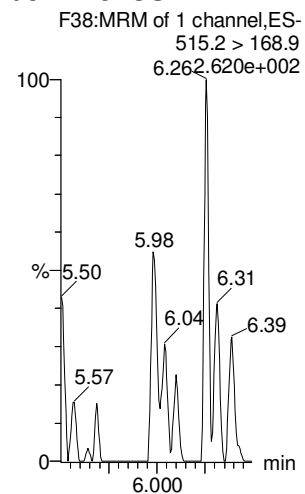
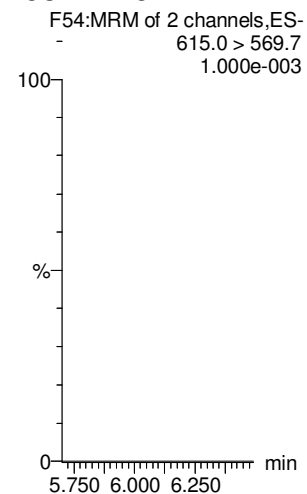
**d3-N-MeFOSA**

**13C2-PFD<sub>o</sub>A**

**13C2-PFT<sub>e</sub>DA**

**d5-N-ETFOSA**

**13C2-PFH<sub>x</sub>DA**



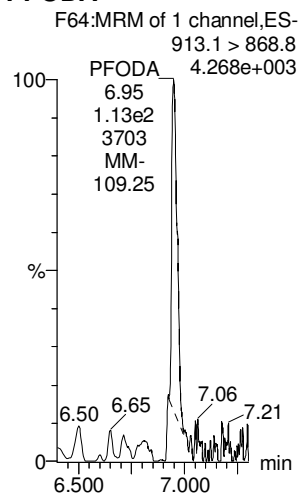
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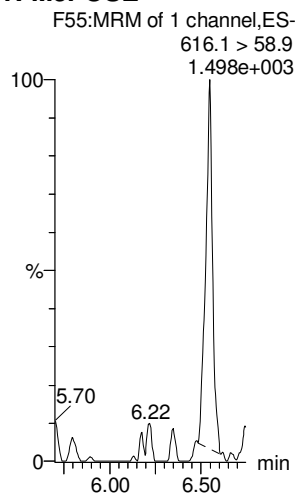
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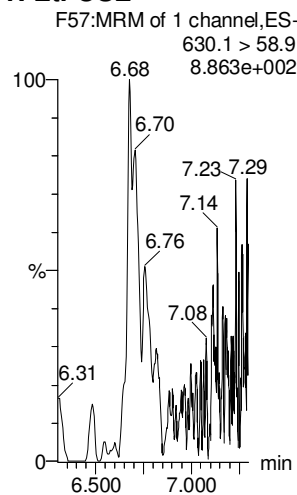
**PFODA**



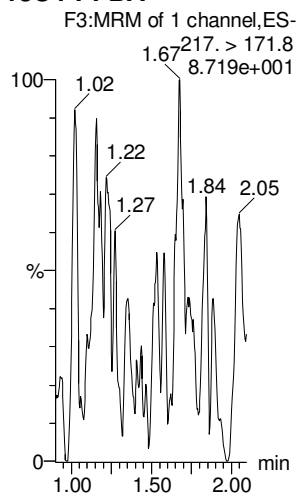
**N-MeFOSE**



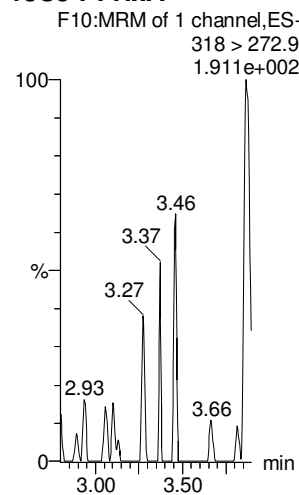
**N-EtFOSE**



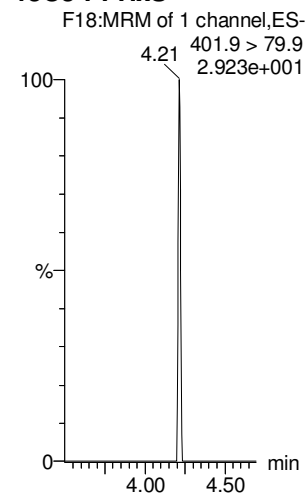
**13C4-PFBA**



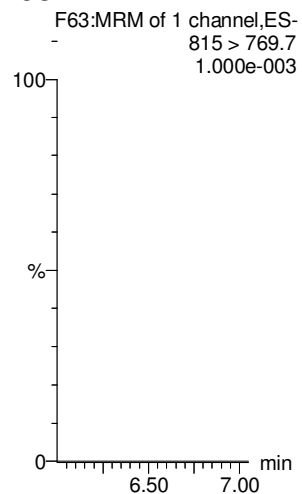
**13C5-PFHxA**



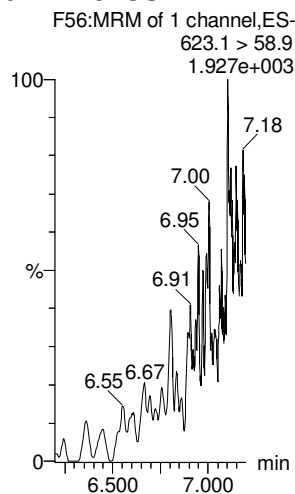
**13C3-PFHxS**



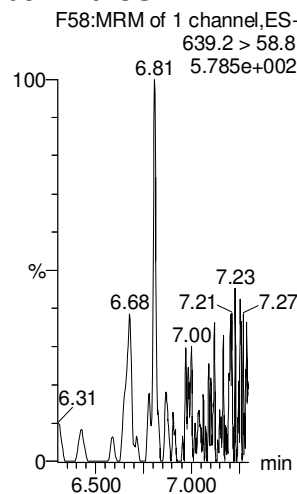
**13C2-PFHxDA**



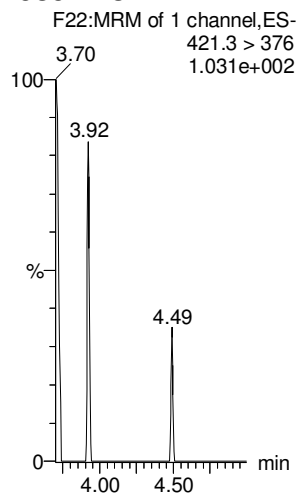
**d7-N-MeFOSE**



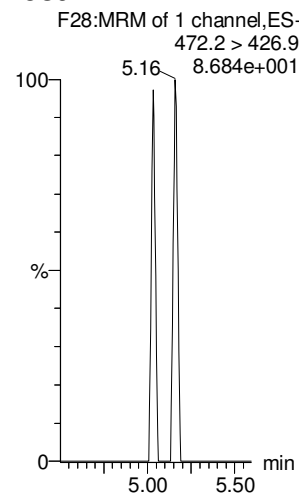
**d9-N-EtFOSE**



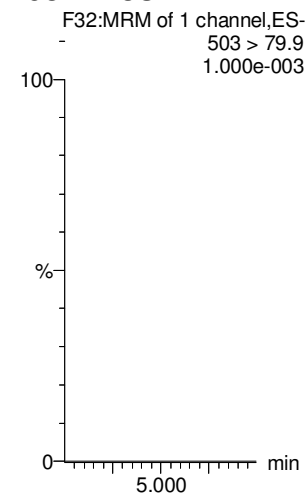
**13C8-PFOA**



**13C9-PFNA**



**13C4-PFOS**



Dataset: Untitled

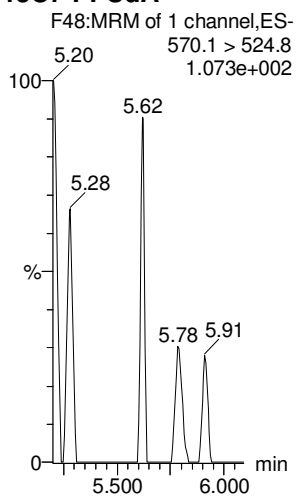
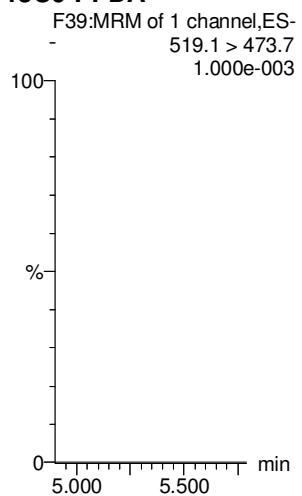
Last Altered: Friday, March 16, 2018 11:28:02 Pacific Daylight Time

Printed: Friday, March 16, 2018 11:28:10 Pacific Daylight Time

Name: 180315M1\_12, Date: 15-Mar-2018, Time: 22:51:47, ID: IPA, Description: IPA

13C6-PFDA

13C7-PFUdA











Contract ID	CTD Number	Phase	Installation ID	Design Name	NSM Code	Analysis Group	Analysis Method	Result Type	Job Code	Job Name	Package Method	Sample Rate	Excavation Method	Result Type	Job Code	Job Name	Package Method	DC Level	Start/End Time	Date Received	Analysis Date	Analysis Time	Excavation Date	Excavation Time	Analysis Date	Analysis Time	Job Sample ID	Detection	Run Number	Percent	Minimum	Maximum	Barcode	Item Name	Analysis ID	Analysis Date	Analysis Value	Result Units	Lab Qualifier	Job Qualifier	Antenna Qualifier	DC Column Type	Analysis Result Type	Mount Narrative	DC Control Limit Code	DC Accuracy Upper	DC Accuracy Lower	Control Limit Date	DC Narrative	MSL	Definition Limit	MSL Deviation	MSL Value	MSL DCX	MSL DCY	Analysis Batch	Validator Name	Exp Date									
ME4702000404			WBH087	ISLAMIA AEM-FE101-01	NSM04	SV04	DMG	VISTA	VISTA ANALY-FORM	WET	METHOD	000	REC	000	REC	000	REC	000	M	10/17/2018 15:52	10/17/2018	10/20/2018	13:30:00	10/20/2018	13:30:00	10/20/2018	21:10:00	10/20/2018	42	1	1	1	Perfluorooctane	1763-23-1	4.84	4.84	4.84	0.04	NSL	L																											



















**DATA VALIDATION SUMMARY REPORT  
NAS WHIDBEY ISLAND, WASHINGTON**

Client: CH2M HILL, Inc., Corvallis, Oregon  
SDG: 1800367  
Laboratory: Vista Analytical Laboratory, El Dorado Hills, California  
Site: NAS Whidbey Island, Area 6, CTO-4041, Washington  
Date: May 12, 2018

PFCs			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	WI-A06-EB01-0218	1800367-01	Water
2	WI-A06-MW03B-0218	1800367-02	Water
3	WI-A06-FB01-022218	1800367-02	Water
4	WI-A06-S-02-0218	1800367-03	Water
5	WI-A06-6-S-05-0218	1800367-04	Water
6	WI-A06-6-S-05P-0218	1800367-05	Water
7	WI-A06-FB01-022318	1800367-06	Water
8	WI-A06-EB01-022318	1800367-07	Water

A full data validation was performed on the analytical data for four water samples, two aqueous equipment blank samples, and two aqueous field blank samples collected on February 22-23, 2018 by CH2M HILL at the NAS Whidbey Island Area 6 site in Washington. The samples were analyzed under the EPA Method "Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)".

Specific method references are as follows:

Analysis  
PFCs

Method References  
USEPA Method 537 Modified

The data have been validated according to the protocols and quality control (QC) requirements of the analytical method and the USEPA National Functional Guidelines for Organic Data Review as follows:

- The USEPA "Contract Laboratories Program National Functional Guidelines for Superfund Organic Methods Data Review," January 2017;
- and the reviewer's professional judgment.

The following data quality indicators were reviewed for this report:

***Organics***

- Date Completeness, Case Narrative & Custody Documentation

- Holding times
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field QC blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Field Duplicate sample precision

A full (Level IV) data validation was performed with this review including a recalculation of 10% of the detected results in the samples.

### Data Usability Assessment

There were no rejections of data.

Overall the data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

### Perfluorinated Compounds (PFCs)

### Data Completeness, Case Narrative & Custody Documentation

- The case narrative and chain-of-custody documentation were included in the data package as required. All criteria were met.

### Holding Times

- All samples were extracted within 14 days for water samples and analyzed within 28 days except for the following.

EDS Sample	Date Sampled	Date Extracted	# of Days	Qualifier
All Samples*	02/22/18-02/23/18	03/17/18	22-23	UJ

\* - Due to an oversight, the initial extraction did not contain PFDoA, therefore, all samples were re-extracted outside of holding times for this compound and qualified as estimated (UJ).

### GC/MS Tuning

- All criteria were met.

### Initial Calibration

- All relative standard deviation (%RSD) and/or correlation coefficients criteria were met.

### Continuing Calibration

- All percent difference (%D) and RRF criteria were met.

### Method Blank

- The method blanks were free of contamination.

### Field QC Blank

- Field QC sample result are summarized in the table below.

Blank ID	Compound	Conc. ng/L	Qualifier	Affected Samples
WI-A06-EB01-0218	None - ND	-	-	-
WI-A06-FB01-022218	None - ND	-	-	-
WI-A06-EB01-022318	None - ND	-	-	-
WI-A06-FB01-022318	PFOS	1.48	None	All Associated ND

### Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

### Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

### Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

**Internal Standard (IS) Area Performance**

- All internal standards met response and retention time (RT) criteria except for the following.

EDS Sample	Internal Standard	%R	Qualifier
2	13C2-PFTeDA	14.6%	UJ
3	13C2-PFTeDA	23.3%	UJ
4	13C2-PFTeDA	11.7%	UJ
6	13C2-PFTeDA	31.9%	UJ
7	13C2-PFTeDA	39.8%	UJ
8	13C2-PFTeDA	17.5%	UJ

**Target Compound Identification**

- All mass spectra and quantitation criteria were met.

**Compound Quantitation**

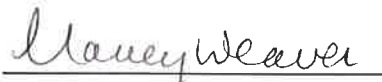
- All criteria were met.

**Field Duplicate Sample Precision**

- Field duplicate results are summarized below. The precision was acceptable.

Compound	PFCs		RPD	Qualifier
	WI-A06-6-S-05-0218 ng/L	WI-A06-6-S-05P-0218 ng/L		
PFHpA	5.12U	0.654	NC	None
PFHxS	4.45	3.66	19%	

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed:   
Nancy Weaver  
Senior Chemist

Dated: 5/15/18

<b>Data Qualifier</b>	<b>Definition</b>
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.





Sample ID: WI-A06-EB01-0218

Modified EPA Method 537

Client Data		Laboratory Data	
Name: CH2M Hill	Matrix: Aqueous	Lab Sample: 1800367-01	Column: BEH C18
Project: 695610.05.F1.FS	Date Collected: 22-Feb-18 15:50	Date Received: 27-Feb-18 09:40	

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.82	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFHxA	ND	2.21	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFHpA	ND	0.600	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFHxS	ND	0.962	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFOA	ND	0.661	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFOS	ND	0.819	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFNA	ND	0.822	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFDA	ND	1.51	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
MeFOSAA	ND	1.68	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFUnA	ND	1.07	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
EtFOSAA	ND	1.39	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFDoA	ND <i>uJ</i>	0.823	5.21	8.31		B8C0101	17-Mar-18	0.120 L	17-Mar-18 22:49	1
PFTTrDA	ND	0.502	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
PFTeDA	ND	0.767	5.08	8.12		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBS	IS	100	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1	
13C2-PFHxA	IS	91.7	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1	
13C4-PFHpA	IS	90.1	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1	
18O2-PFHxS	IS	91.1	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1	
13C2-PFOA	IS	89.6	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1	
13C8-PFOS	IS	86.2	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1	
13C5-PFNA	IS	76.1	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1	
13C2-PFDA	IS	72.2	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1	
d3-MeFOSAA	IS	85.4	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1	
13C2-PFUnA	IS	87.6	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1	
d5-EtFOSAA	IS	80.1	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1	
13C2-PFDoA	IS	62.0	50 - 150		B8C0101	17-Mar-18	0.120 L	17-Mar-18 22:49	1	
13C2-PFTeDA	IS	64.9	50 - 150		B8C0006	01-Mar-18	0.123 L	08-Mar-18 14:15	1	

DL - Detection Limit  
 LOD - Limit of Detection  
 LOQ - Limit of Quantitation  
 LCU-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.

*mw 51.218*

**Sample ID: WI-A06-MW03B-0218**

**Modified EPA Method 537**

<b>Client Data</b>		<b>Laboratory Data</b>	
Name: CH2M Hill	Matrix: Aqueous	Lab Sample: 1800367-02	Column: BEH C18
Project: 695610.05.FI.FS	Date Collected: 22-Feb-18 15:00	Date Received: 27-Feb-18 09:40	

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.88	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I
PFHxA	3.55	2.29	5.25	8.39	J	B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I
PFHpA	ND	0.620	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I
PFHxS	ND	0.993	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I
PFOA	ND	0.683	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I
PFOS	ND	0.846	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I
PFNA	ND	0.849	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I
PFDA	ND	1.56	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I
MeFOSAA	ND	1.73	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I
PFUnA	ND	1.10	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I
EtFOSAA	ND	1.44	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I
PFDoA	<del>ND</del> 0.822	0.822	5.21	8.30		B8C0101	17-Mar-18	0.120 L	17-Mar-18 23:00	I
PFTTrDA	ND	0.518	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I
PFTeDA	<del>ND</del> 0.792	0.792	5.25	8.39		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBS	IS	93.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I	
13C2-PFHxA	IS	89.4	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I	
13C4-PFHpA	IS	91.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I	
18O2-PFHxS	IS	83.6	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I	
13C2-PFOA	IS	82.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I	
13C8-PFOS	IS	103	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I	
13C5-PFNA	IS	86.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I	
13C2-PFDA	IS	88.4	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I	
d3-MeFOSAA	IS	68.6	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I	
13C2-PFUnA	IS	73.4	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I	
d5-EtFOSAA	IS	64.2	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I	
13C2-PFDoA	IS	69.8	50 - 150		B8C0101	17-Mar-18	0.120 L	17-Mar-18 23:00	I	
13C2-PFTeDA	IS	14.6	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:31	I	

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.

new SL: 21.8

Sample ID: WI-A06-FB01-022218

Modified EPA Method 537

Client Data		Laboratory Data	
Name: CH2M Hill	Matrix: Aqueous	Lab Sample: 1800367-03	Column: BEH C18
Project: 695610.05.FI.FS	Date Collected: 22-Feb-18 15:00	Date Received: 27-Feb-18 09:40	

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.81	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFHxA	ND	2.20	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFHpA	ND	0.596	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFHxS	ND	0.955	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFOA	ND	0.656	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFOS	ND	0.814	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFNA	ND	0.817	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFDA	ND	1.50	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
MeFOSAA	ND	1.66	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFUnA	ND	1.06	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
EtFOSAA	ND	1.38	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFDoA	ND	0.847	5.34	8.56		B8C0101	17-Mar-18	0.117 L	17-Mar-18 23:12	1
PFTTrDA	ND	0.498	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
PFTeDA	ND	0.761	5.04	8.07		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBS	IS	103	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1	
13C2-PFHxA	IS	96.6	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1	
13C4-PFHpA	IS	97.5	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1	
18O2-PFHxS	IS	90.8	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1	
13C2-PFOA	IS	83.3	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1	
13C8-PFOS	IS	85.1	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1	
13C5-PFNA	IS	79.9	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1	
13C2-PFDA	IS	79.8	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1	
d3-MeFOSAA	IS	73.4	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1	
13C2-PFUnA	IS	67.0	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1	
d5-EtFOSAA	IS	69.8	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	1	
13C2-PFDoA	IS	69.0	50 - 150		B8C0101	17-Mar-18	0.117 L	17-Mar-18 23:12	1	
13C2-PFTeDA	IS	23.3	50 - 150		B8C0006	01-Mar-18	0.124 L	08-Mar-18 14:38	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.

new size 1.8

Sample ID: WI-A06-S-02-0218

Modified EPA Method 537

Client Data		Laboratory Data	
Name: CH2M Hill	Matrix: Aqueous	Lab Sample: 1800367-04	Column: BEH C18
Project: 695610.05.FI.FS	Date Collected: 23-Feb-18 13:55	Date Received: 27-Feb-18 09:40	

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	5.03	1.88	5.25	8.41	J	B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I
PFHxA	ND	2.29	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I
PFHpA	ND	0.621	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I
PFHxS	18.0	0.995	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I
PFOA	9.64	0.684	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I
PFOS	ND	0.848	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I
PFNA	ND	0.851	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I
PFDA	ND	1.57	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I
MeFOSAA	ND	1.73	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I
PFUnA	ND	1.10	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I
EiFOSAA	ND	1.44	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I
PFDoA	ND	0.835	5.25	8.44		B8C0101	17-Mar-18	0.119 L	17-Mar-18 23:23	I
PFTrDA	ND	0.519	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I
PFTeDA	ND	0.793	5.25	8.41		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I
<b>Labeled Standards</b>	<b>% Recovery</b>	<b>Limits</b>	<b>Qualifiers</b>	<b>Batch</b>	<b>Extracted</b>	<b>Samp Size</b>	<b>Analyzed</b>	<b>Dilution</b>		
13C3-PFBS	102	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I		
13C2-PFHxA	97.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I		
13C4-PFHpA	93.1	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I		
18O2-PFHxS	87.8	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I		
13C2-PFOA	82.8	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I		
13C8-PFOS	115	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I		
13C5-PFNA	76.0	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I		
13C2-PFDA	82.3	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I		
d3-MeFOSAA	98.2	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I		
13C2-PFUnA	69.8	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I		
d5-EiFOSAA	94.5	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I		
13C2-PFDoA	72.9	50 - 150		B8C0101	17-Mar-18	0.119 L	17-Mar-18 23:23	I		
13C2-PFTeDA	11.7	50 - 150		B8C0006	01-Mar-18	0.119 L	13-Mar-18 04:54	I		

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.

NW 5/12/18

Sample ID: WI-A06-6-S-05-0218

Modified EPA Method 537

<b>Client Data</b>		<b>Laboratory Data</b>	
Name: CH2M Hill	Matrix: Aqueous	Lab Sample: 1800367-05	Column: BEH C18
Project: 695610.05.FI.FS	Date Collected: 23-Feb-18 10:35	Date Received: 27-Feb-18 09:40	

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.83	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I
PFHxA	ND	2.23	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I
PFHpA	ND	0.604	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I
PFHxS	4.45	0.967	5.12	8.17	J	B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I
PFOA	ND	0.665	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I
PFOS	ND	0.824	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I
PFNA	ND	0.827	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I
PFDA	ND	1.52	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I
MeFOSAA	ND	1.69	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I
PFUnA	ND	1.07	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I
EiFOSAA	ND	1.40	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I
PFDoA	ND	0.820	5.17	8.29		B8C0101	17-Mar-18	0.121 L	17-Mar-18 23:35	I
PFTTrDA	ND	0.505	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I
PFTeDA	ND	0.771	5.12	8.17		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBS	IS	89.1	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I	
13C2-PFHxA	IS	93.1	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I	
13C4-PFHpA	IS	91.9	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I	
18O2-PFHxS	IS	83.2	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I	
13C2-PFOA	IS	96.4	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I	
13C8-PFOS	IS	91.1	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I	
13C5-PFNA	IS	81.0	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I	
13C2-PFDA	IS	77.6	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I	
d3-MeFOSAA	IS	74.1	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I	
13C2-PFUnA	IS	73.4	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I	
d5-EtFOSAA	IS	72.2	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I	
13C2-PFDoA	IS	59.2	50 - 150		B8C0101	17-Mar-18	0.121 L	17-Mar-18 23:35	I	
13C2-PFTeDA	IS	71.5	50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:01	I	

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.

new 5.12, 1.8



Sample ID: WI-A06-6-S-05P-0218

Modified EPA Method 537

Client Data		Laboratory Data	
Name: CH2M Hill	Matrix: Aqueous	Lab Sample: 1800367-06	Column: BEH C18
Project: 695610.05.FI.FS	Date Collected: 23-Feb-18 10:35	Date Received: 27-Feb-18 09:40	

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.79	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFHxA	ND	2.17	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFHpA	0.654	0.589	5.00	7.98	J	B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFHxS	3.66	0.945	5.00	7.98	J	B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFOA	ND	0.649	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFOS	ND	0.805	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFNA	ND	0.808	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFDA	ND	1.49	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
MeFOSAA	ND	1.65	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFUnA	ND	1.05	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
EiFOSAA	ND	1.37	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFDnA	ND	0.840	5.30	8.48		B8C0101	17-Mar-18	0.118 L	17-Mar-18 23:46	1
PFTTrDA	ND	0.493	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
PFTeDA	ND	0.753	5.00	7.98		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1
<b>Labeled Standards</b>	<b>% Recovery</b>	<b>Limits</b>	<b>Qualifiers</b>	<b>Batch</b>	<b>Extracted</b>	<b>Samp Size</b>	<b>Analyzed</b>	<b>Dilution</b>		
13C3-PFBS	99.9	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1		
13C2-PFHxA	93.1	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1		
13C4-PFHpA	93.3	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1		
18O2-PFHxS	101	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1		
13C2-PFOA	81.8	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1		
13C8-PFOS	89.4	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1		
13C5-PFNA	75.1	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1		
13C2-PFDA	69.4	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1		
d3-MeFOSAA	66.2	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1		
13C2-PFUnA	59.4	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1		
d5-EiFOSAA	62.2	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	1		
13C2-PFDnA	67.4	50 - 150		B8C0101	17-Mar-18	0.118 L	17-Mar-18 23:46	1		
13C2-PFTeDA	31.9	50 - 150		B8C0006	01-Mar-18	0.125 L	08-Mar-18 15:13	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.

new size 1.8

Sample ID: WI-A06-FB01-022318

Modified EPA Method 537

Client Data		Laboratory Data	
Name: CH2M Hill	Matrix: Aqueous	Lab Sample: 1800367-07	Column: BEH C18
Project: 695610.05.F1.FS	Date Collected: 23-Feb-18 15:00	Date Received: 27-Feb-18 09:40	

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.83	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I
PFHxA	ND	2.23	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I
PFHpA	ND	0.606	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I
PFHxS	ND	0.971	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I
PFOA	ND	0.667	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I
PFOS	1.48	0.827	5.12	8.20	J	B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I
PFNA	ND	0.830	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I
PFDA	ND	1.53	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I
MeFOSAA	ND	1.69	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I
PFUnA	ND	1.08	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I
EtFOSAA	ND	1.40	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I
PFDoA	ND	0.842	5.30	8.51		B8C0101	17-Mar-18	0.118 L	17-Mar-18 23:58	I
PFTtDA	ND	0.506	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I
PFTeDA	ND	0.774	5.12	8.20		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I
Labeled Standards	% Recovery	DL	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBS	105		50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I	
13C2-PFHxA	92.5		50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I	
13C4-PFHpA	103		50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I	
18O2-PFHxS	89.4		50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I	
13C2-PFOA	75.3		50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I	
13C8-PFOS	84.9		50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I	
13C5-PFNA	70.4		50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I	
13C2-PFDA	65.8		50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I	
d3-MeFOSAA	63.6		50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I	
13C2-PFUnA	55.2		50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I	
d5-EtFOSAA	66.7		50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I	
13C2-PFDoA	84.2		50 - 150		B8C0101	17-Mar-18	0.118 L	17-Mar-18 23:58	I	
13C2-PFTeDA	39.8		50 - 150		B8C0006	01-Mar-18	0.122 L	08-Mar-18 15:24	I	

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.

HT  
JSL

new SL 2.1.8



Sample ID: WI-A06-EB01-022318

Modified EPA Method 537

Client Data		Laboratory Data								
Name:	CH2M Hill	Lab Sample:	1800367-08	Column:	BEH C18					
Project:	695610.05.FI.FS	Date Collected:	23-Feb-18 15:00	Date Received:	27-Feb-18 09:40					
Matrix:	Aqueous									
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	1.81	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFHxA	ND	2.20	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFHpA	ND	0.597	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFHxS	ND	0.956	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFOA	ND	0.657	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFOS	ND	0.815	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFNA	ND	0.818	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFDA	ND	1.50	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
MeFOSAA	ND	1.67	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFUnA	ND	1.06	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
EiFOSAA	ND	1.38	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFDaA	ND	0.818	5.17	8.26		B8C0101	17-Mar-18	0.121 L	18-Mar-18 00:09	1
PFTrDA	ND	0.499	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
PFTeDA	ND	0.762	5.04	8.08		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBS	IS	97.1	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1	
13C2-PFHxA	IS	94.8	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1	
13C4-PFHpA	IS	93.6	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1	
18O2-PFHxS	IS	106	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1	
13C2-PFOA	IS	87.0	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1	
13C8-PFOS	IS	89.9	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1	
13C5-PFNA	IS	79.2	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1	
13C2-PFDA	IS	73.0	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1	
d3-MeFOSAA	IS	58.1	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1	
13C2-PFUnA	IS	54.4	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1	
d5-EiFOSAA	IS	60.4	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	1	
13C2-PFDaA	IS	67.3	50 - 150		B8C0101	17-Mar-18	0.121 L	18-Mar-18 00:09	1	
13C2-PFTeDA	IS	17.5	50 - 150		B8C0006	01-Mar-18	0.124 L	13-Mar-18 05:40	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.

new size 18

LOCATION_NAME	SITE_NAME	INSTALLATION_ID	LOCATION_TYPE	LOCATION_TYPE_DESC	SDG	COORD_X	COORD_Y	SAMPLE_MATRIX_DESC	SAMPLE_NAME	SAMPLE_MATRIX	COLLECT_DATE	ANALYTICAL_METHOD_GRP_DESC
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05P-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05P-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05P-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05P-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05P-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05P-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05P-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05P-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05P-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05P-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05P-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05P-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05P-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05P-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
MW-03B	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1201078	483854.9	Ground water	WI-A06-MW03B-0218	WG	22-Feb-18	Perfluoroalkyl Compounds
MW-03B	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1201078	483854.9	Ground water	WI-A06-MW03B-0218	WG	22-Feb-18	Perfluoroalkyl Compounds
MW-03B	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1201078	483854.9	Ground water	WI-A06-MW03B-0218	WG	22-Feb-18	Perfluoroalkyl Compounds
MW-03B	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1201078	483854.9	Ground water	WI-A06-MW03B-0218	WG	22-Feb-18	Perfluoroalkyl Compounds
MW-03B	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1201078	483854.9	Ground water	WI-A06-MW03B-0218	WG	22-Feb-18	Perfluoroalkyl Compounds



LOCATION_NAME	SITE_NAME	INSTALLATION_ID	LOCATION_TYPE	LOCATION_TYPE_DESC	SDG	COORD_X	COORD_Y	SAMPLE_MATRIX_DESC	SAMPLE_NAME	SAMPLE_MATRIX	COLLECT_DATE	ANALYTICAL_METHOD_GRP_DESC
6-S-02	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203586	488231.1	Ground water	WI-A06-6-S-02-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-02	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203586	488231.1	Ground water	WI-A06-6-S-02-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-02	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203586	488231.1	Ground water	WI-A06-6-S-02-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-02	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203586	488231.1	Ground water	WI-A06-6-S-02-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
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6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05-0218	WG	23-Feb-18	Perfluoroalkyl Compounds
6-S-05	AREA 06 - CURRENT LANDFILL	WHIDBEY_ISLAND_NAS	WLM	Monitoring well	1800367	1203388	487037.5	Ground water	WI-A06-6-S-05-0218	WG	23-Feb-18	Perfluoroalkyl Compounds