

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011819\
 Data File : PD051108.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Jan 2019 19:02
 Operator : AJ\SJ
 Sample : K1011-06MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OR-03-011719-AMS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 22:07:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011019.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 10 03:41:46 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.224	4.044	44659665	777.2E6	29.900m	26.114m
28)	SA Decachlor...	7.827	9.158	32454135	366.0E6	26.739m	18.340 #
Target Compounds							
2)	A alpha-BHC	3.647	4.438	174.2E6	2406.1E6	72.370	52.800 #
3)	MA gamma-BHC...	3.915	4.725	167.5E6	2160.0E6	71.031	51.968 #
4)	MA Heptachlor	4.193	5.238	164.4E6	2088.0E6	68.638	51.178 #
5)	MB Aldrin	4.425	5.545	163.2E6	1892.9E6	68.774	48.357 #
6)	B beta-BHC	4.160	4.894	67849759	843.8E6	71.652	46.632 #
7)	B delta-BHC	4.349	5.112	147.0E6	1801.1E6	65.313	46.353m#
8)	B Heptachlo...	4.852	5.933	160.6E6	1728.5E6	71.449	49.572 #
9)	A Endosulfan I	5.174	6.292	149.7E6	1633.3E6	70.222	51.907 #
10)	B gamma-Chl...	5.069	6.168	165.7E6	1861.6E6	70.758	53.598
11)	B alpha-Chl...	5.126	6.241	161.3E6	1801.3E6	69.804	53.145
12)	B 4,4'-DDE	5.295	6.397	151.0E6	1572.3E6	69.977m	47.691 #
13)	MA Dieldrin	5.410	6.550	171.8E6	1700.3E6	73.365	50.971 #
14)	MA Endrin	5.657	6.769	156.3E6	1381.0E6	71.344	49.036 #
15)	B Endosulfa...	5.926	6.977	147.6E6	1538.5E6	73.813	56.208
16)	A 4,4'-DDD	5.797	6.888	135.4E6	1430.5E6	76.681	54.517 #
17)	MA 4,4'-DDT	6.028	7.188	127.3E6	1146.3E6	67.652	48.023 #
18)	B Endrin al...	6.093	7.102	120.8E6	1130.8E6	74.823	49.615 #
19)	B Endosulfa...	6.302	7.326	134.3E6	1304.7E6	68.572	48.331 #
20)	A Methoxychlor	6.575	7.648	62094490	562.0E6	64.973	46.169 #
21)	B Endrin ke...	6.777	7.800	150.1E6	1304.8E6	70.543	51.324 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011819\
Data File : PD051108.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Jan 2019 19:02
Operator : AJ\SJ
Sample : K1011-06MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

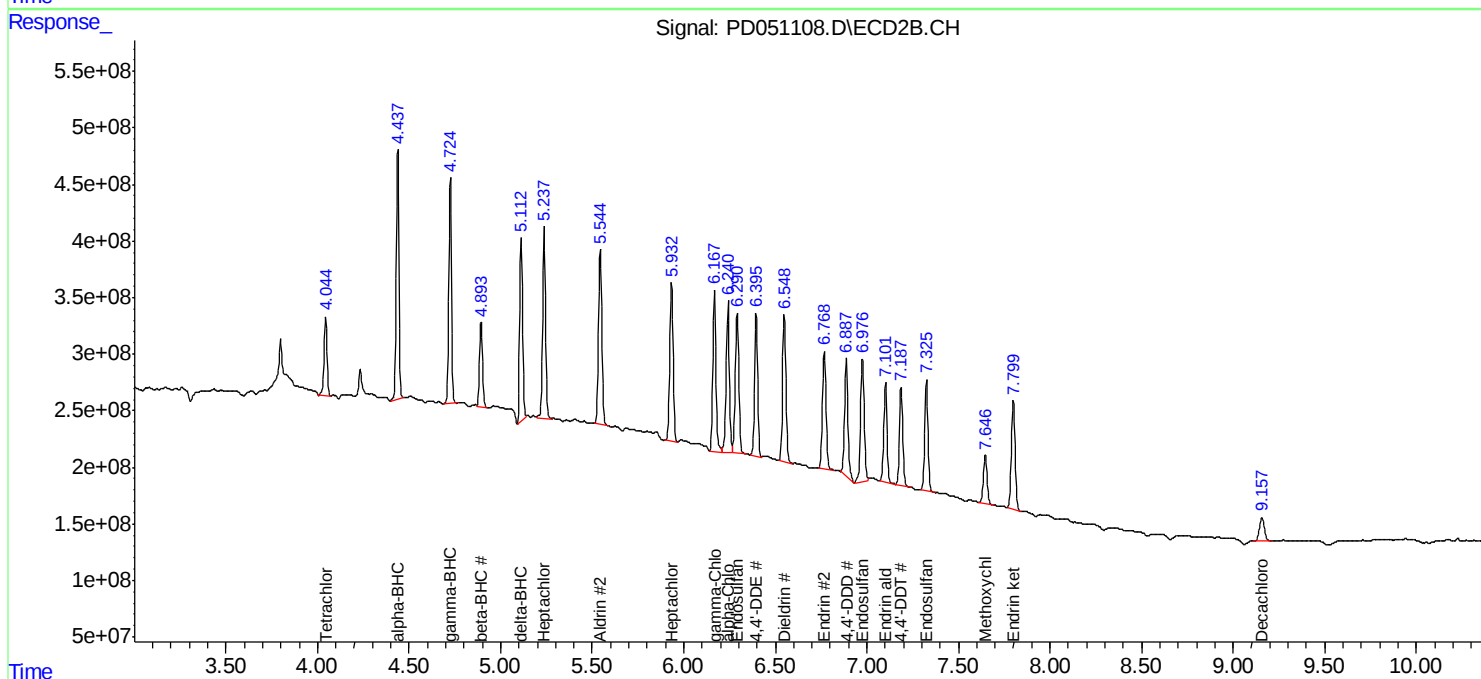
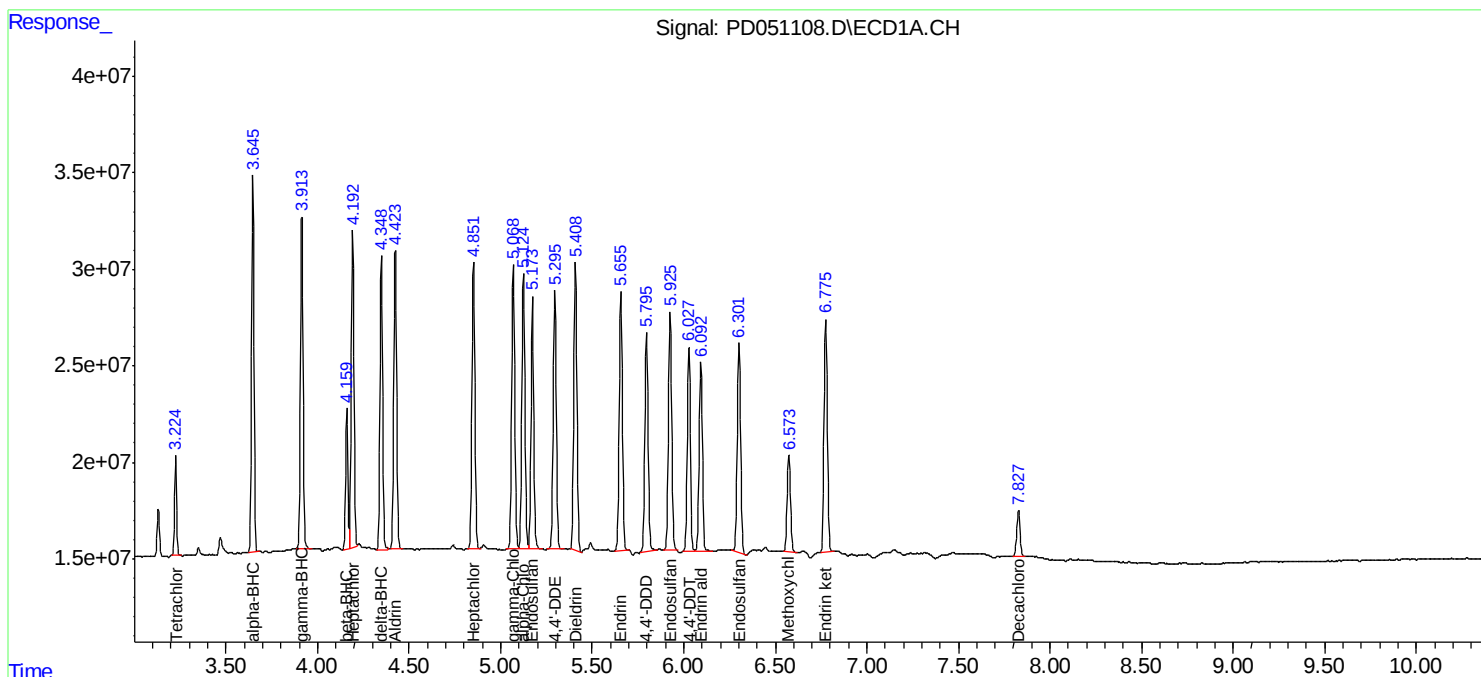
Instrument :
ECD_D
ClientSampleId :
OR-03-011719-AMS

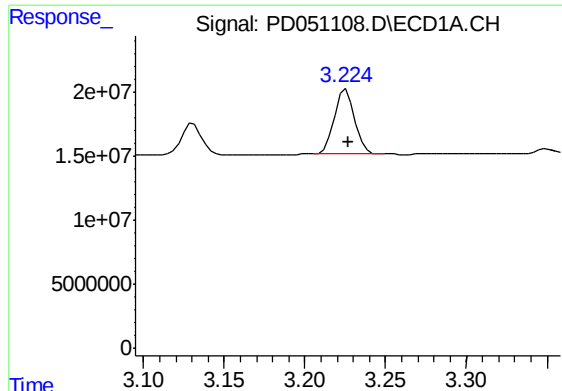
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 22:07:17 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011019.M
Quant Title : GC Extractables
QLast Update : Thu Jan 10 03:41:46 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





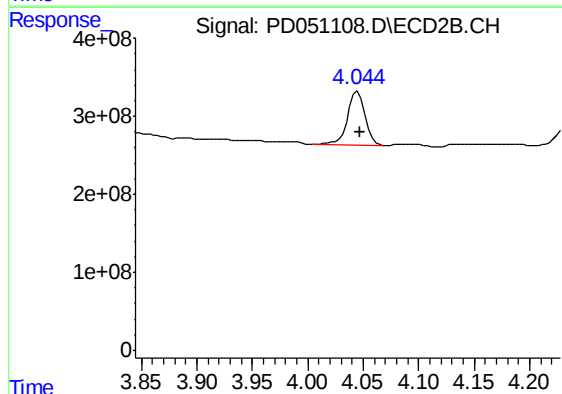
#1 Tetrachloro-m-xylene

R.T.: 3.224 min
Delta R.T.: -0.003 min
Response: 44659665
Conc: 29.90 ng/ml m

Instrument :
ECD_D
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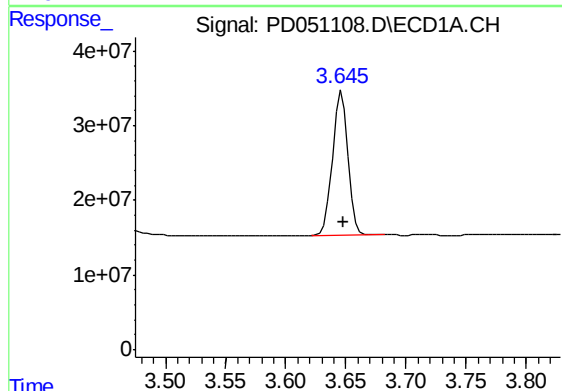
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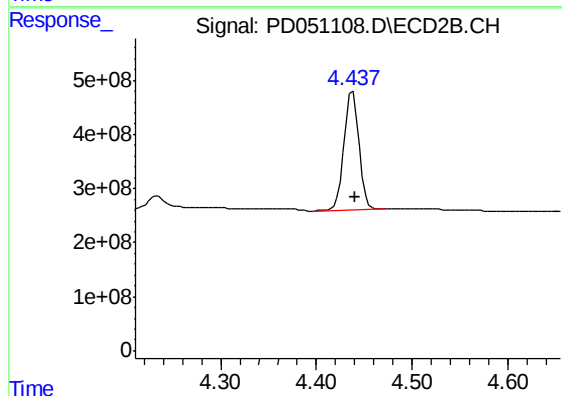
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 777164357
Conc: 26.11 ng/ml m



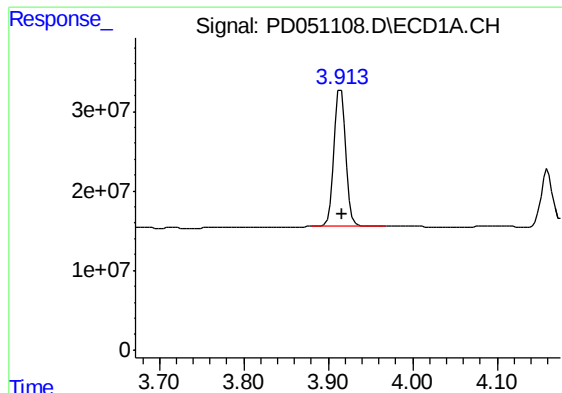
#2 alpha-BHC

R.T.: 3.647 min
Delta R.T.: -0.001 min
Response: 174190712
Conc: 72.37 ng/ml



#2 alpha-BHC

R.T.: 4.438 min
Delta R.T.: -0.002 min
Response: 2406135888
Conc: 52.80 ng/ml



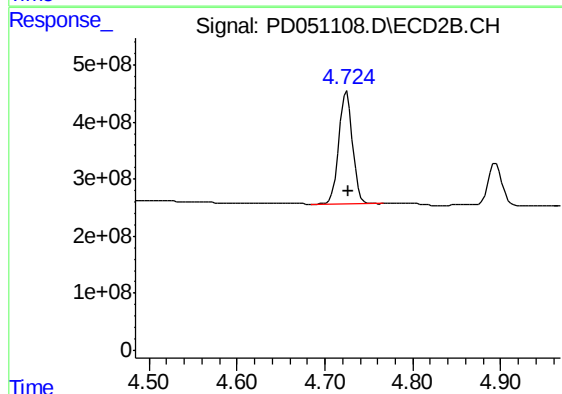
#3 gamma-BHC (Lindane)

R.T.: 3.915 min
Delta R.T.: -0.001 min
Response: 167520006
Conc: 71.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-011719-AMS

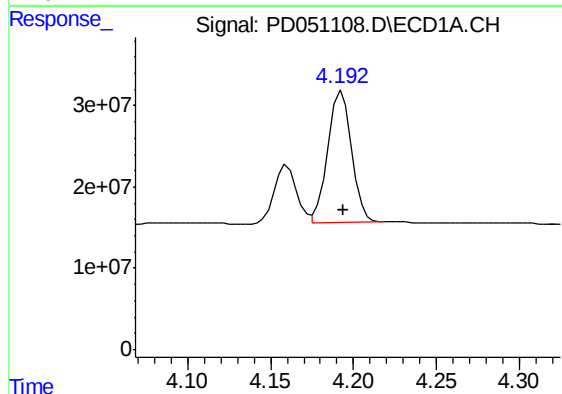
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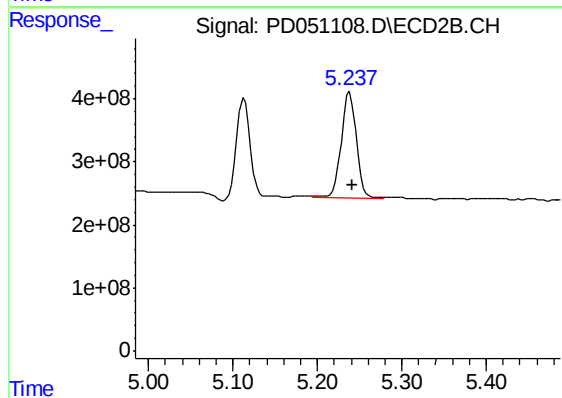
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: -0.002 min
Response: 2160011198
Conc: 51.97 ng/ml



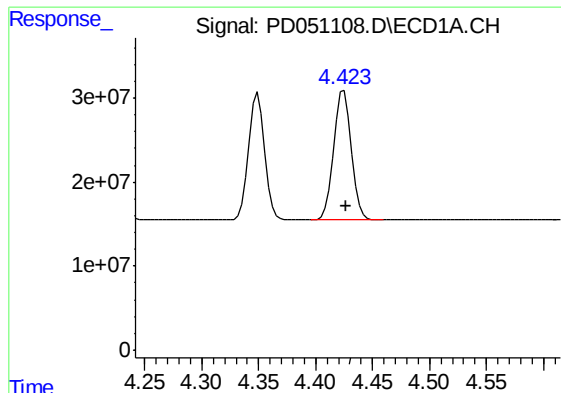
#4 Heptachlor

R.T.: 4.193 min
Delta R.T.: -0.001 min
Response: 164405440
Conc: 68.64 ng/ml



#4 Heptachlor

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 2088032966
Conc: 51.18 ng/ml



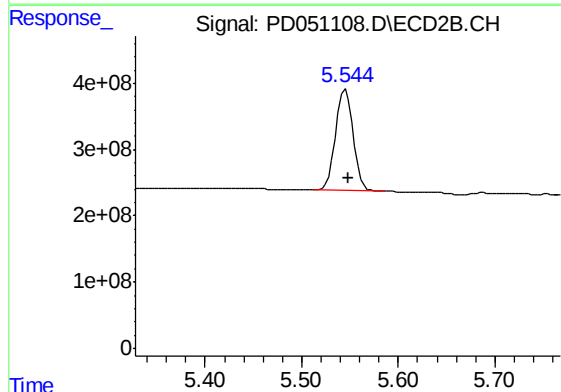
#5 Aldrin

R.T.: 4.425 min
Delta R.T.: -0.002 min
Response: 163187054
Conc: 68.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-011719-AMS

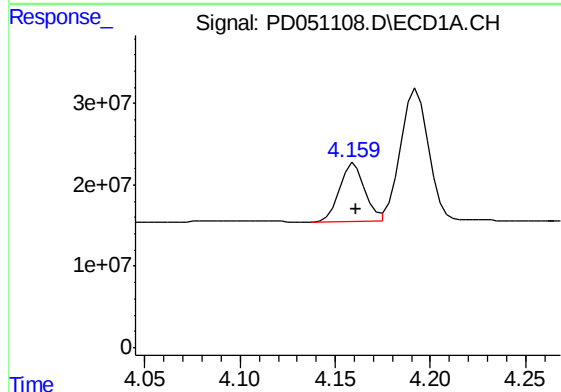
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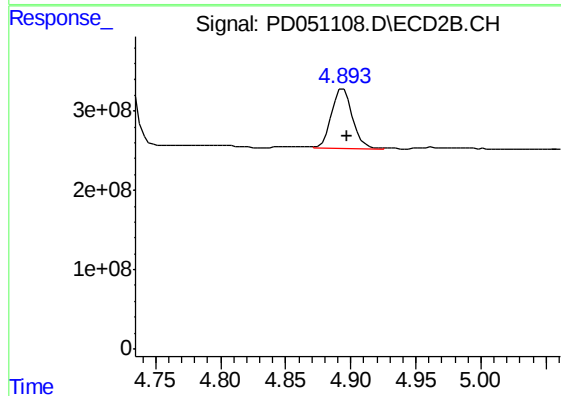
#5 Aldrin

R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 1892935323
Conc: 48.36 ng/ml



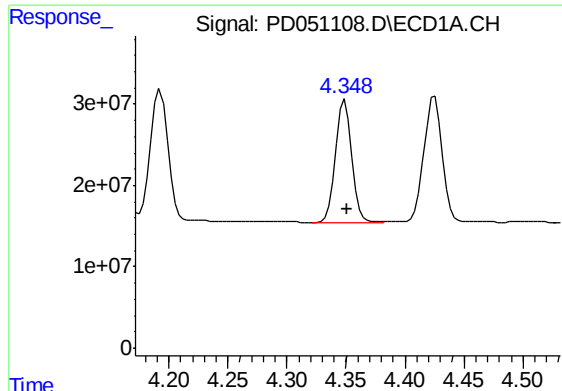
#6 beta-BHC

R.T.: 4.160 min
Delta R.T.: -0.001 min
Response: 67849759
Conc: 71.65 ng/ml



#6 beta-BHC

R.T.: 4.894 min
Delta R.T.: -0.003 min
Response: 843842813
Conc: 46.63 ng/ml



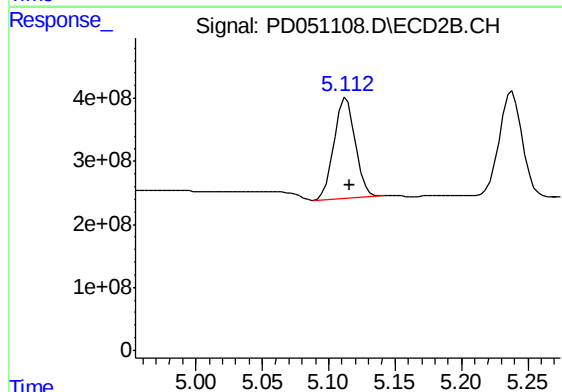
#7 delta-BHC

R.T.: 4.349 min
Delta R.T.: -0.002 min
Response: 147042043
Conc: 65.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-011719-AMS

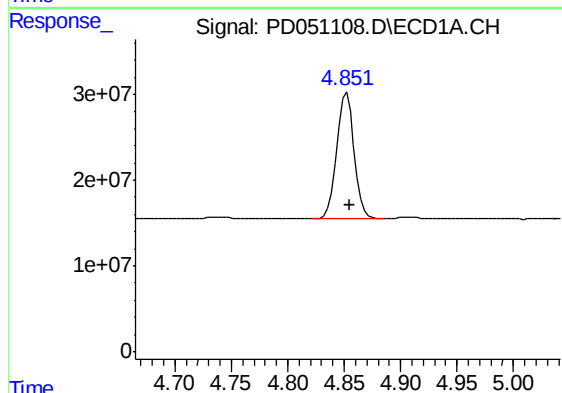
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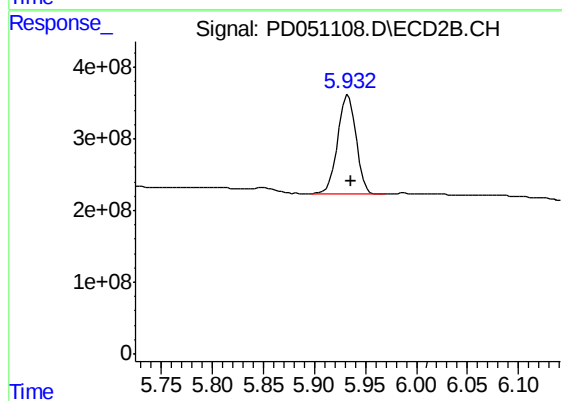
#7 delta-BHC

R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 1801063103
Conc: 46.35 ng/ml m



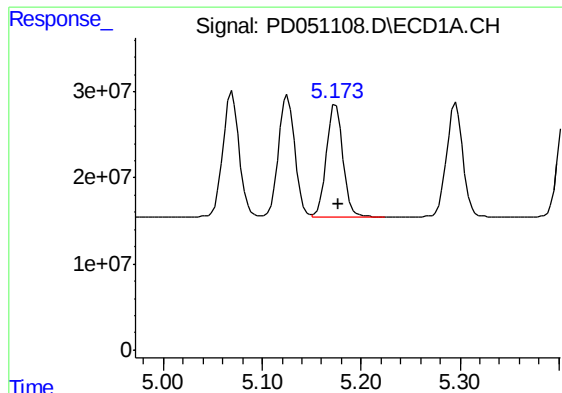
#8 Heptachlor epoxide

R.T.: 4.852 min
Delta R.T.: -0.003 min
Response: 160585615
Conc: 71.45 ng/ml



#8 Heptachlor epoxide

R.T.: 5.933 min
Delta R.T.: -0.003 min
Response: 1728456044
Conc: 49.57 ng/ml



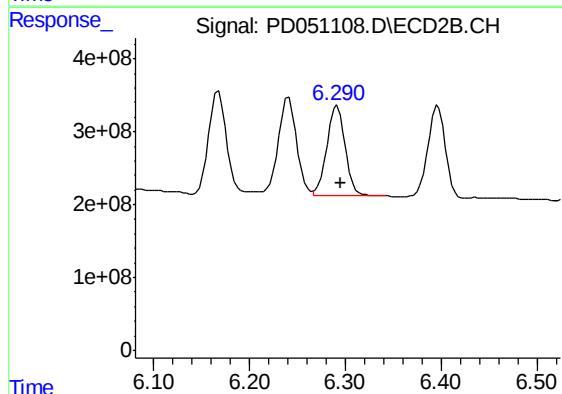
#9 Endosulfan I

R.T.: 5.174 min
Delta R.T.: -0.003 min
Response: 149702643
Conc: 70.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-011719-AMS

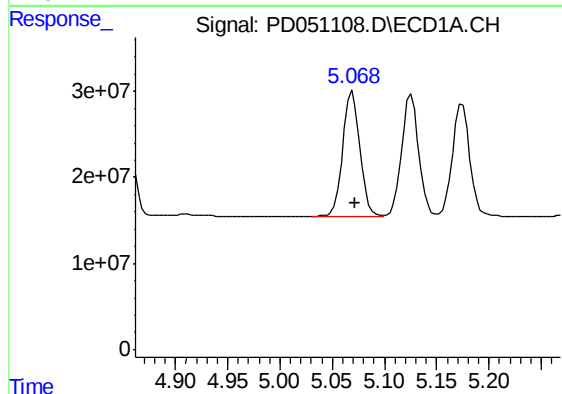
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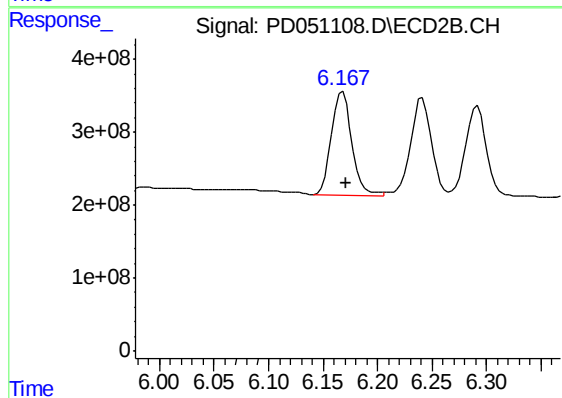
#9 Endosulfan I

R.T.: 6.292 min
Delta R.T.: -0.003 min
Response: 1633345260
Conc: 51.91 ng/ml



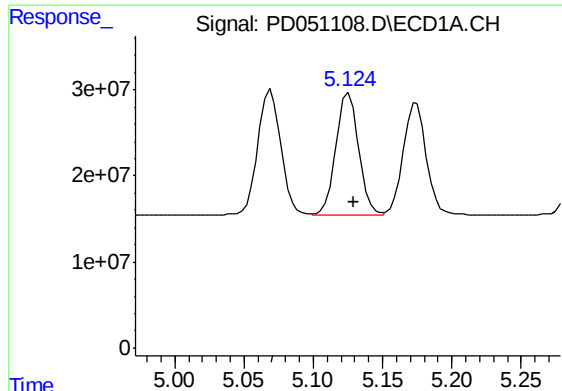
#10 gamma-Chlordane

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 165744007
Conc: 70.76 ng/ml



#10 gamma-Chlordane

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 1861571972
Conc: 53.60 ng/ml



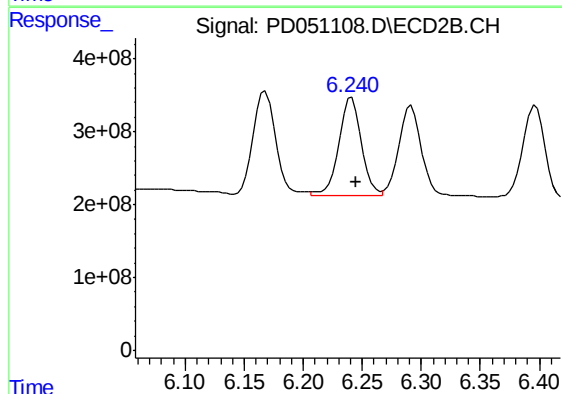
#11 alpha-Chlordane

R.T.: 5.126 min
Delta R.T.: -0.003 min
Response: 161260939
Conc: 69.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-011719-AMS

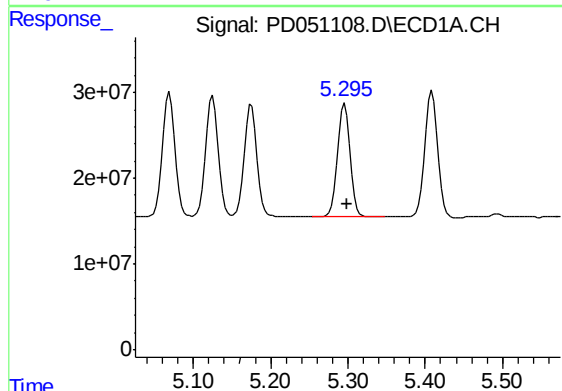
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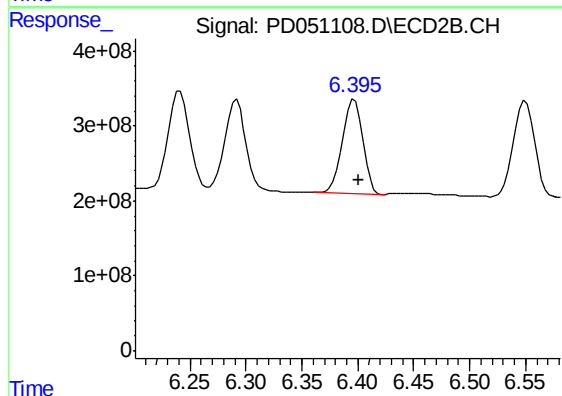
#11 alpha-Chlordane

R.T.: 6.241 min
Delta R.T.: -0.004 min
Response: 1801315938
Conc: 53.15 ng/ml



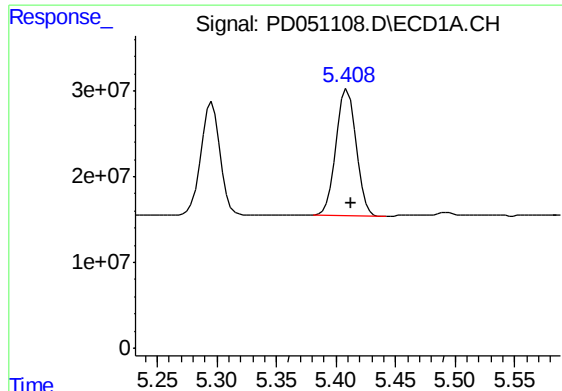
#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.004 min
Response: 151044644
Conc: 69.98 ng/ml m



#12 4,4'-DDE

R.T.: 6.397 min
Delta R.T.: -0.004 min
Response: 1572308718
Conc: 47.69 ng/ml



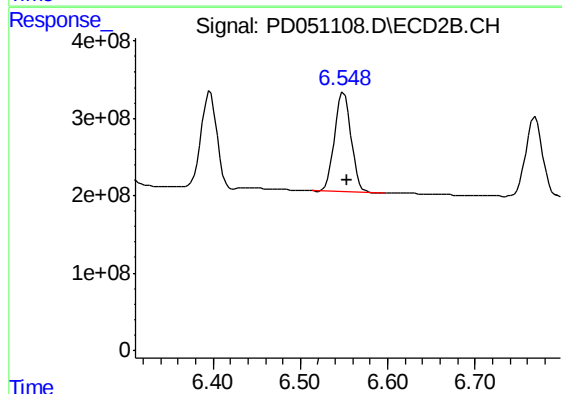
#13 Dieldrin

R.T.: 5.410 min
Delta R.T.: -0.003 min
Response: 171832096
Conc: 73.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-011719-AMS

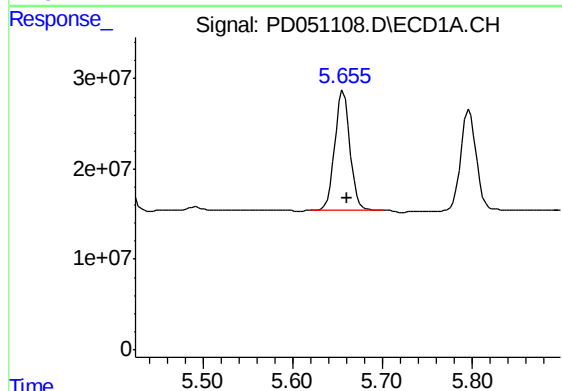
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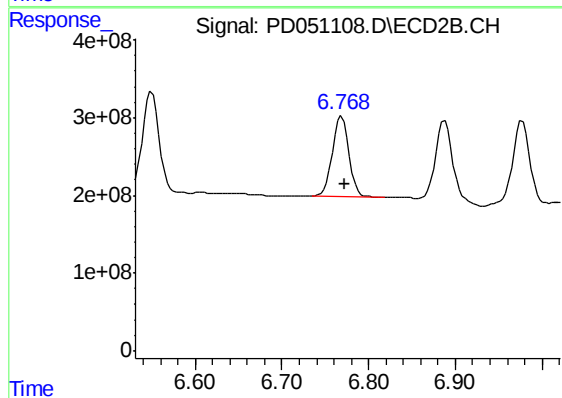
#13 Dieldrin

R.T.: 6.550 min
Delta R.T.: -0.004 min
Response: 1700300530
Conc: 50.97 ng/ml



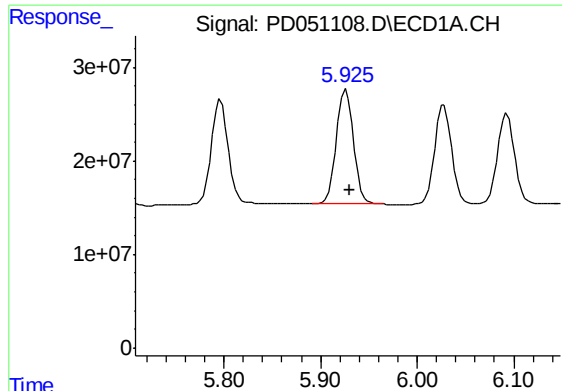
#14 Endrin

R.T.: 5.657 min
Delta R.T.: -0.004 min
Response: 156253147
Conc: 71.34 ng/ml



#14 Endrin

R.T.: 6.769 min
Delta R.T.: -0.004 min
Response: 1381003253
Conc: 49.04 ng/ml



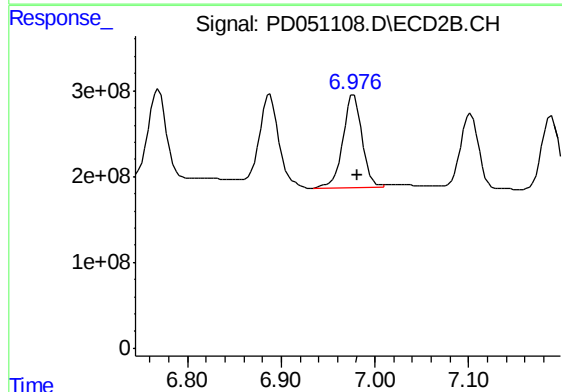
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 147595290
Conc: 73.81 ng/ml

Instrument :
ECD_D
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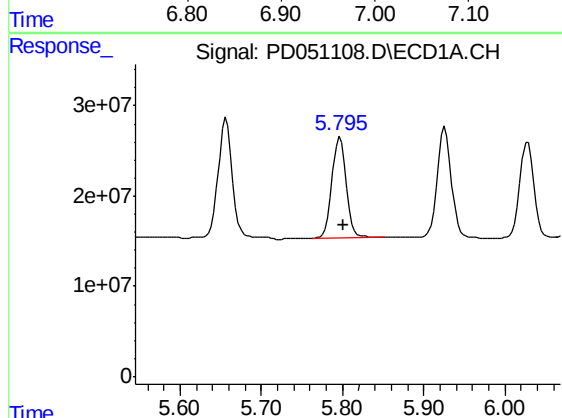
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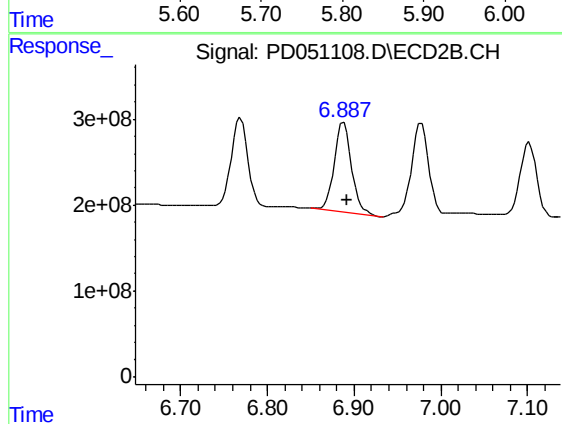
#15 Endosulfan II

R.T.: 6.977 min
Delta R.T.: -0.004 min
Response: 1538508811
Conc: 56.21 ng/ml



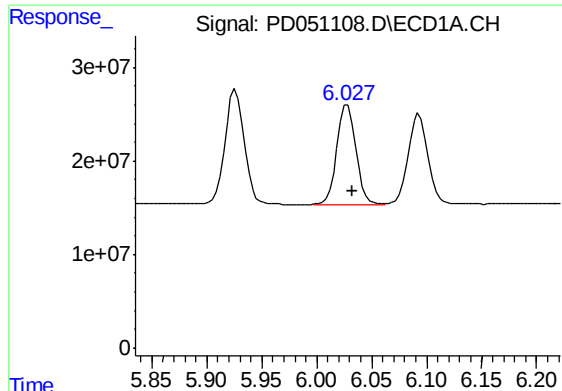
#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 135397932
Conc: 76.68 ng/ml



#16 4,4'-DDD

R.T.: 6.888 min
Delta R.T.: -0.004 min
Response: 1430506614
Conc: 54.52 ng/ml



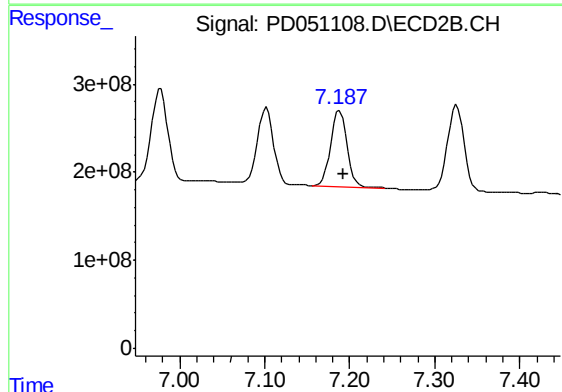
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 127293992
Conc: 67.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-011719-AMS

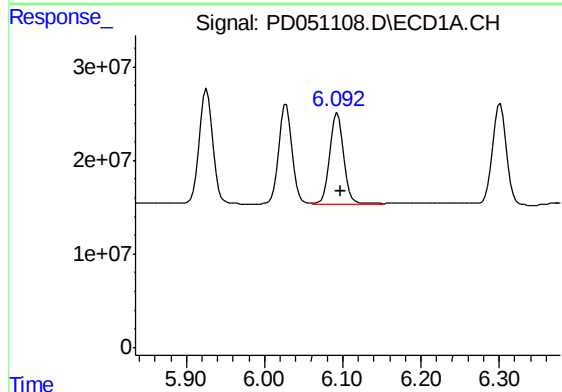
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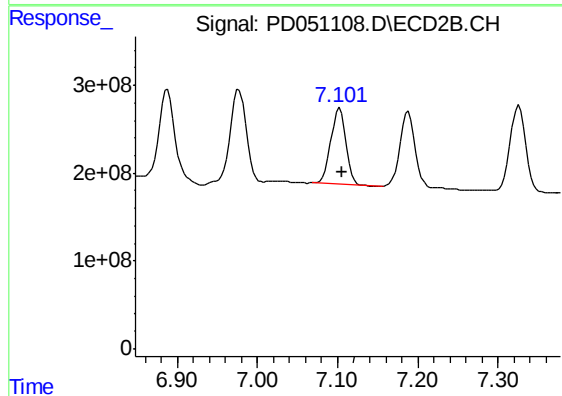
#17 4,4'-DDT

R.T.: 7.188 min
Delta R.T.: -0.004 min
Response: 1146253948
Conc: 48.02 ng/ml



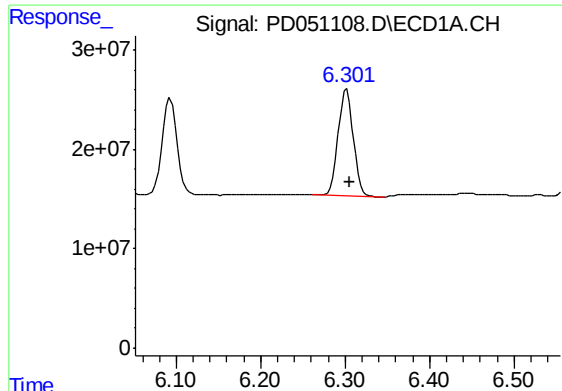
#18 Endrin aldehyde

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 120795733
Conc: 74.82 ng/ml



#18 Endrin aldehyde

R.T.: 7.102 min
Delta R.T.: -0.004 min
Response: 1130793507
Conc: 49.61 ng/ml



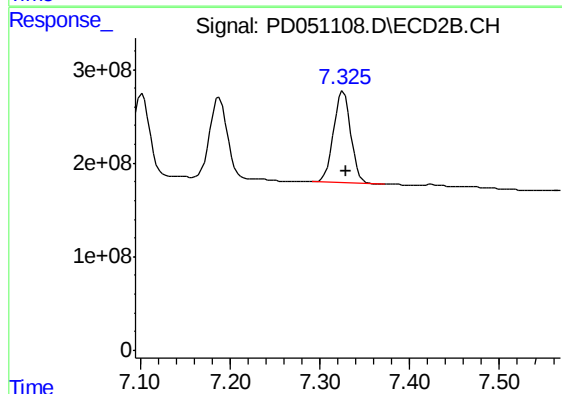
#19 Endosulfan Sulfate

R.T.: 6.302 min
Delta R.T.: -0.003 min
Response: 134321446
Conc: 68.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
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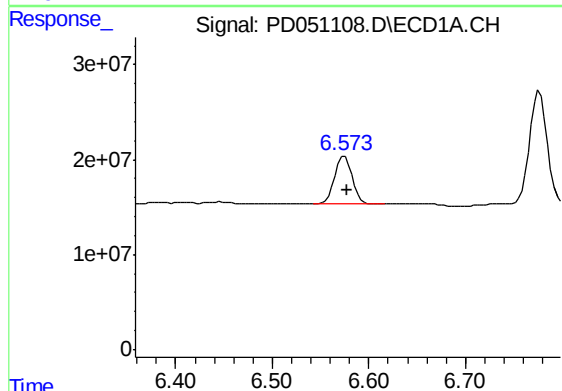
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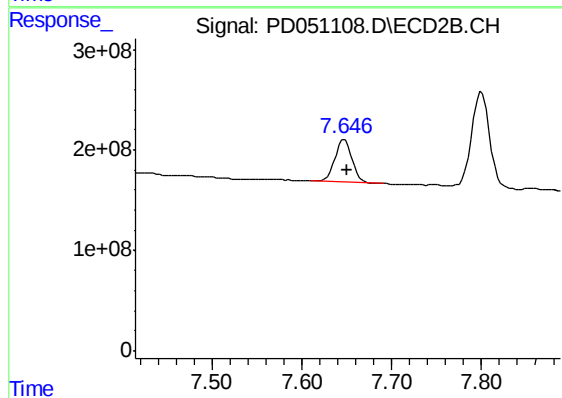
#19 Endosulfan Sulfate

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 1304693571
Conc: 48.33 ng/ml



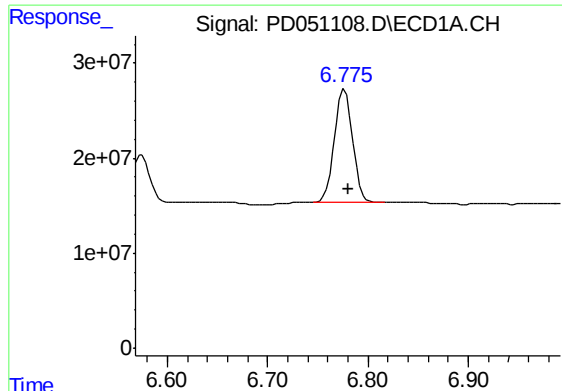
#20 Methoxychlor

R.T.: 6.575 min
Delta R.T.: -0.003 min
Response: 62094490
Conc: 64.97 ng/ml



#20 Methoxychlor

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 562031498
Conc: 46.17 ng/ml



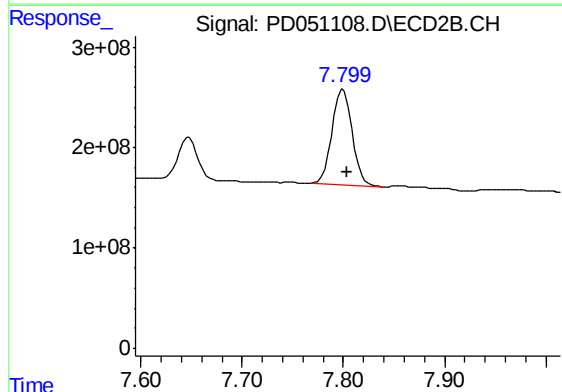
#21 Endrin ketone

R.T.: 6.777 min
Delta R.T.: -0.004 min
Response: 150149220
Conc: 70.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-03-011719-AMS

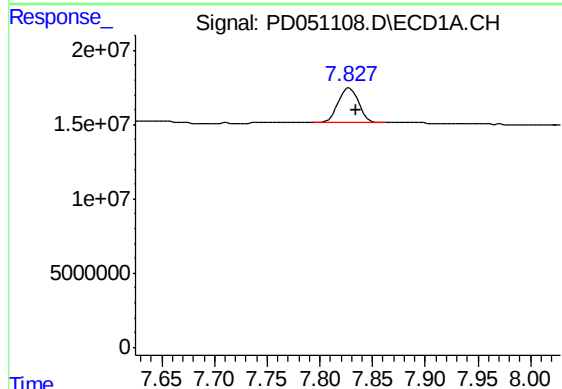
Manual Integrations
APPROVED

Sohil
1/21/2019 10:00:12 AM



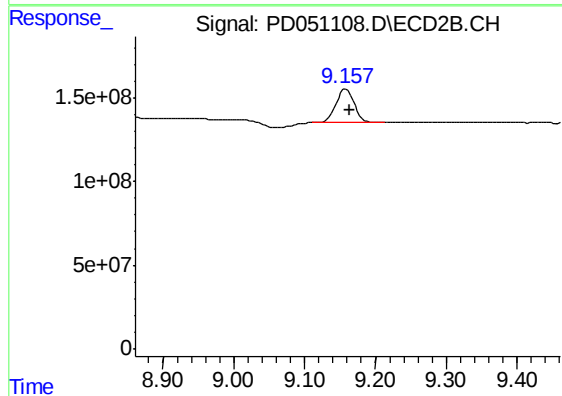
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: -0.004 min
Response: 1304763272
Conc: 51.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.827 min
Delta R.T.: -0.007 min
Response: 32454135
Conc: 26.74 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.158 min
Delta R.T.: -0.006 min
Response: 365969845
Conc: 18.34 ng/ml