

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102623\
 Data File : PD079189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Oct 2023 18:29
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/27/2023
 Supervised By : Ankita Jodhani 10/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 22:56:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.570	2.806	80930743	123.4E6	50.125	53.307
2)	SA Decachlor...	9.112	7.953	88846249	110.8E6	44.290	45.454
Target Compounds							
2)	A alpha-BHC	4.027	3.310	137.6E6	191.0E6	51.673	55.071
3)	MA gamma-BHC...	4.360	3.640	132.6E6	186.6E6	51.004	54.961
4)	MA Heptachlor	4.953	3.983	128.5E6	169.4E6	48.024	55.457
5)	MB Aldrin	5.296	4.264	128.3E6	178.9E6	49.790	54.699
6)	B beta-BHC	4.553	3.934	53230808	75227038	49.675	53.386
7)	B delta-BHC	4.801	4.166	135.4E6	188.1E6	50.594m	56.174
8)	B Heptachlo...	5.722	4.765	115.1E6	159.0E6	49.095	53.639
9)	A Endosulfan I	6.108	5.136	104.2E6	138.1E6	48.065	52.152
10)	B gamma-Chl...	5.978	5.016	112.5E6	154.3E6	49.057	53.765
11)	B alpha-Chl...	6.057	5.080	110.2E6	150.4E6	48.346	52.411
12)	B 4,4'-DDE	6.228	5.269	102.0E6	146.0E6	48.271	54.836
13)	MA Dieldrin	6.384	5.401	111.5E6	160.5E6	47.874	54.045
14)	MA Endrin	6.614	5.675	91385939	135.8E6	46.922	53.046
15)	B Endosulfa...	6.831	5.968	95631472	130.8E6	46.887	52.399
16)	A 4,4'-DDD	6.744	5.822	83416959	121.6E6	47.452	53.252
17)	MA 4,4'-DDT	7.060	6.074	85020692	117.4E6	44.897	51.277
18)	B Endrin al...	6.960	6.147	72336853	98112142	46.841m	52.768
19)	B Endosulfa...	7.196	6.369	91562113	121.4E6	46.054	51.994
20)	A Methoxychlor	7.533	6.649	47538127	64903687	43.383	47.807
21)	B Endrin ke...	7.682	6.875	100.4E6	141.5E6	46.058	50.630
22)	Mirex	8.158	7.061	72849338	104.9E6	43.038	49.095

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102623\
Data File : PD079189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Oct 2023 18:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

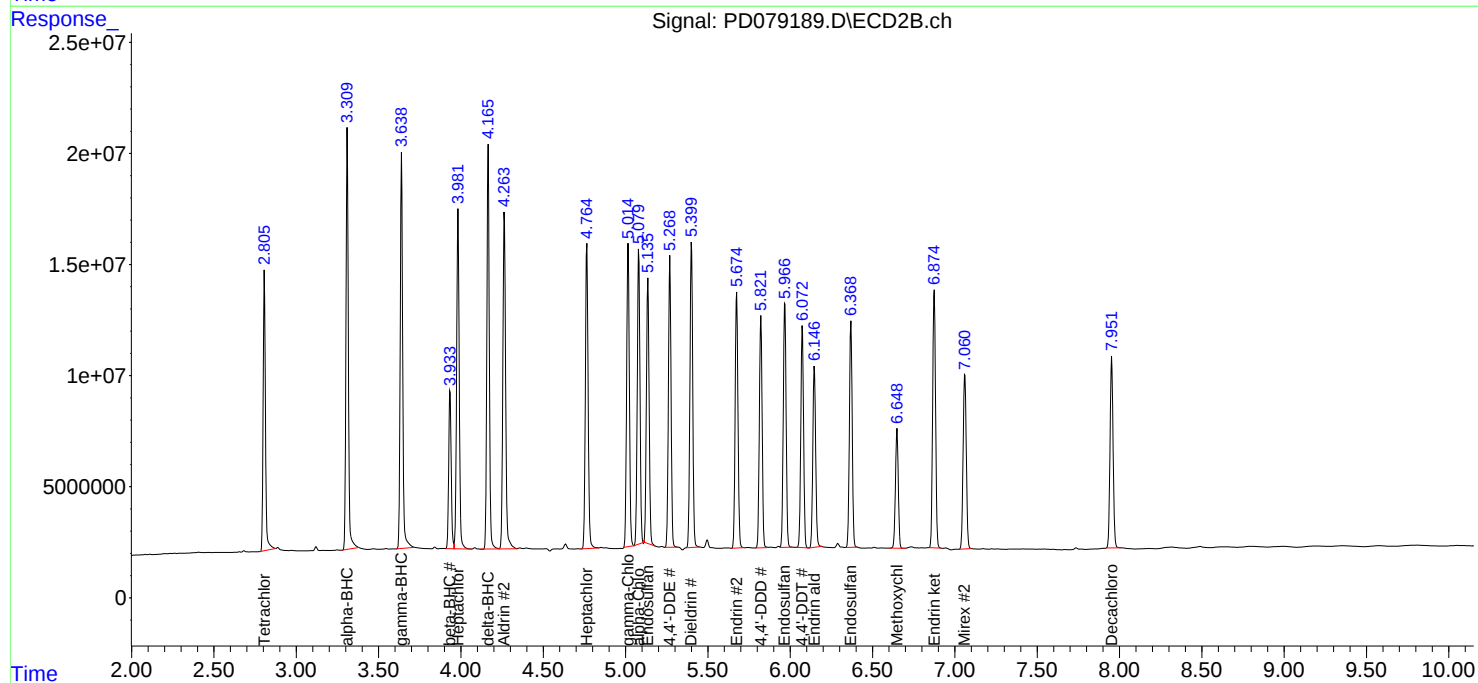
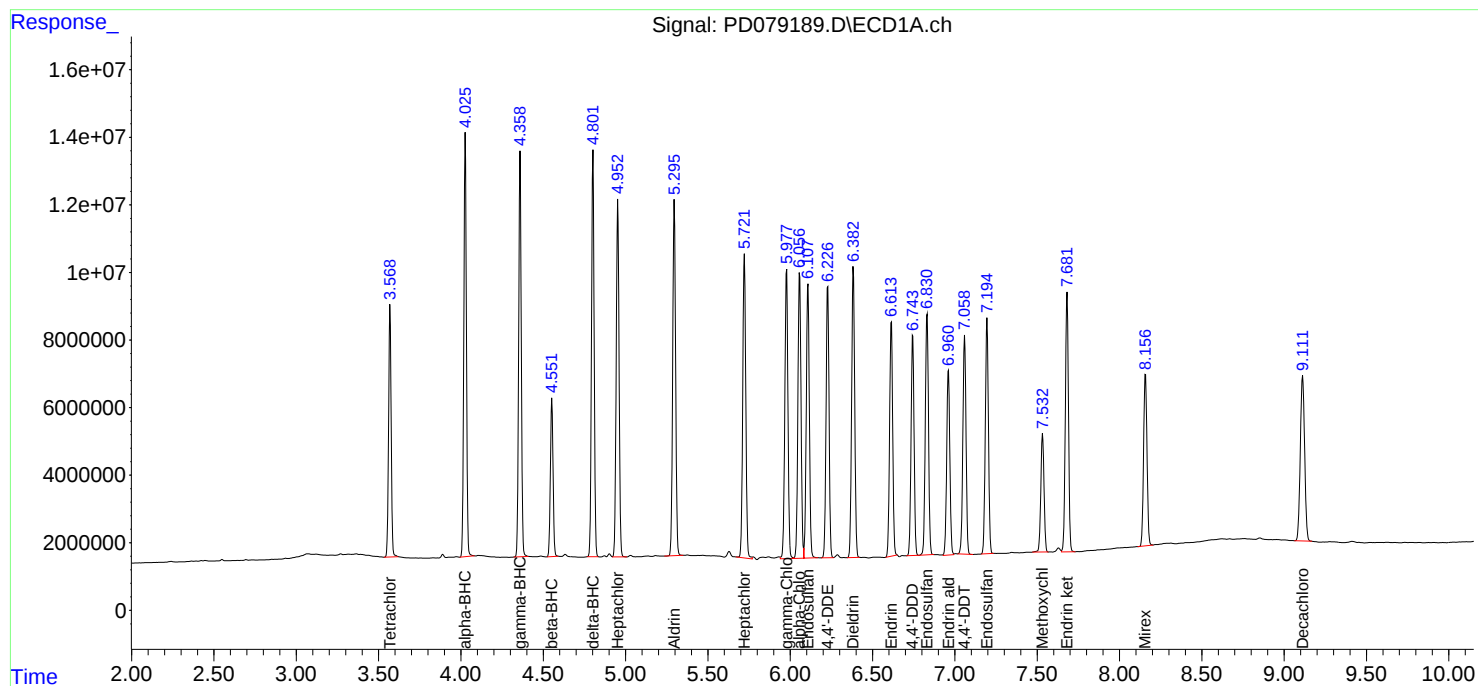
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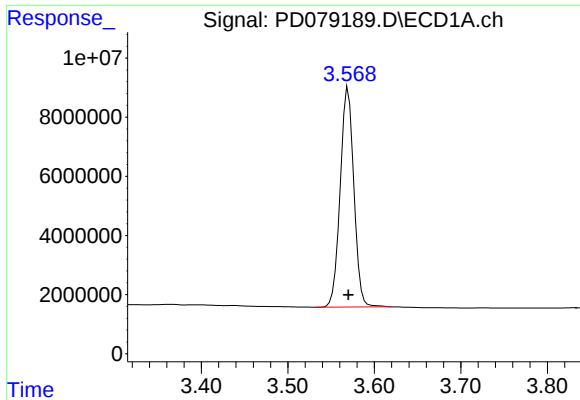
Reviewed By :Abdul Mirza 10/27/2023

Supervised By :Ankita Jodhani 10/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 22:56:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





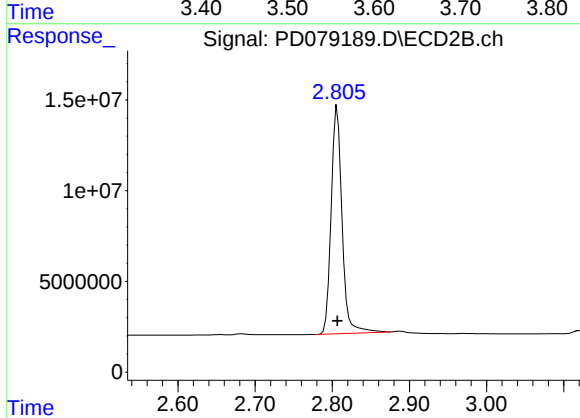
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 80930743
Conc: 50.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

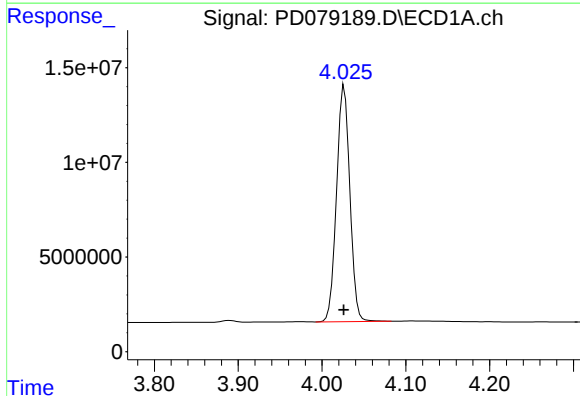
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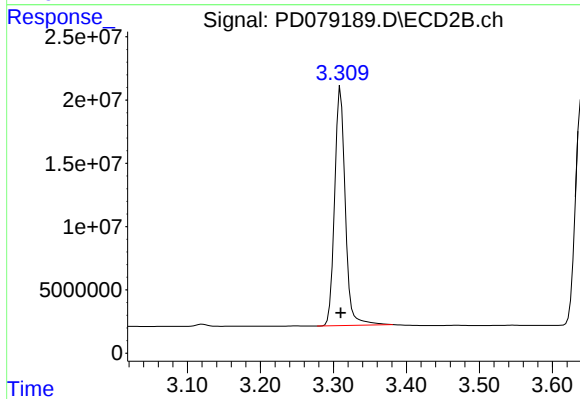
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 123420670
Conc: 53.31 ng/ml



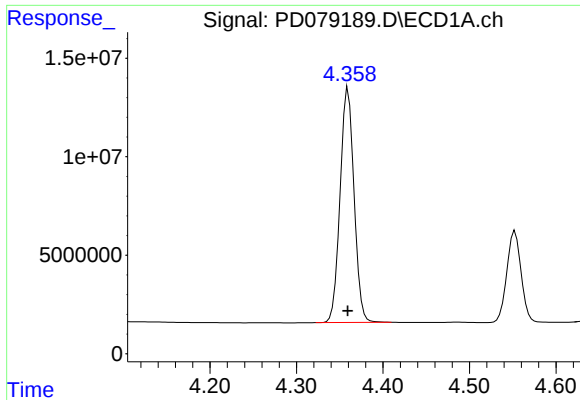
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 137557874
Conc: 51.67 ng/ml



#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 190955443
Conc: 55.07 ng/ml



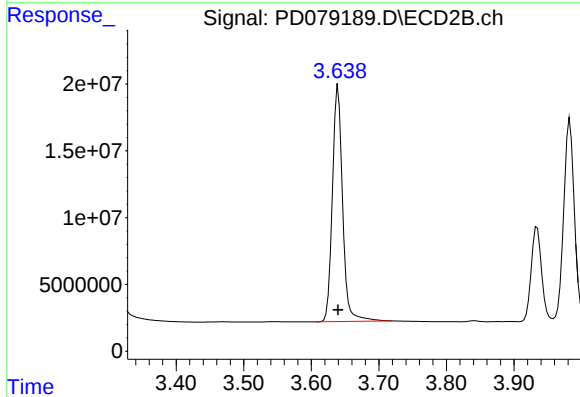
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 132550754
Conc: 51.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

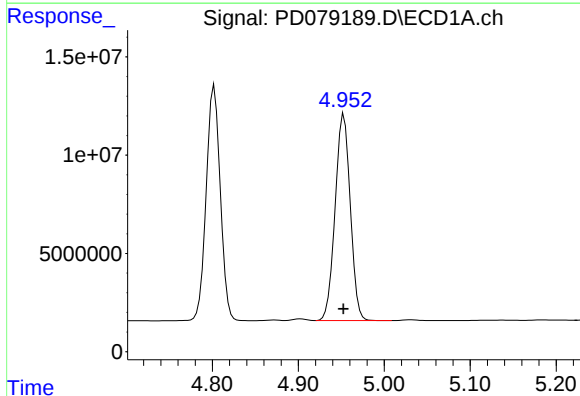
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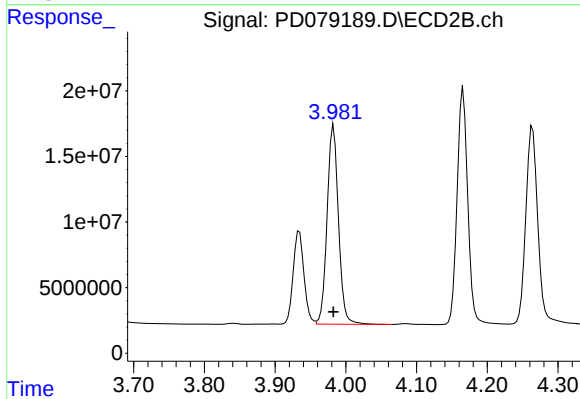
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 186636724
Conc: 54.96 ng/ml



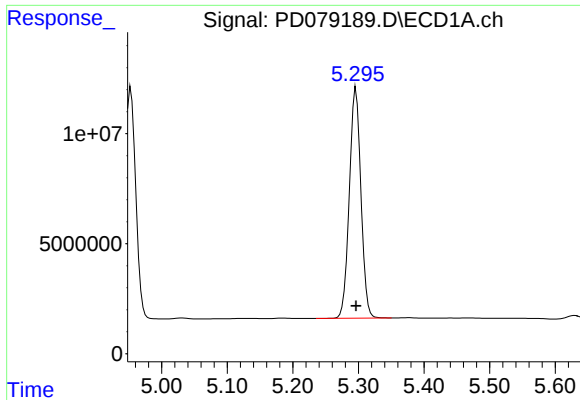
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 128459837
Conc: 48.02 ng/ml



#4 Heptachlor

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 169373406
Conc: 55.46 ng/ml



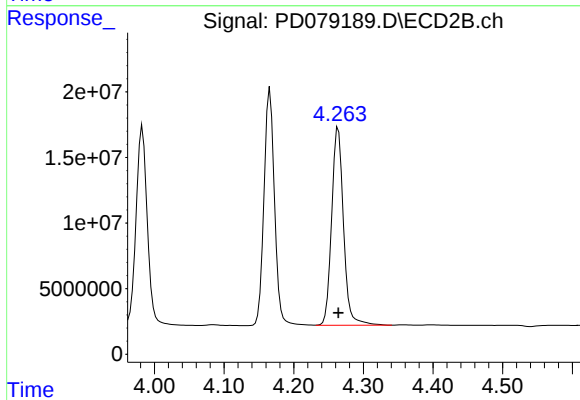
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 128299702
Conc: 49.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

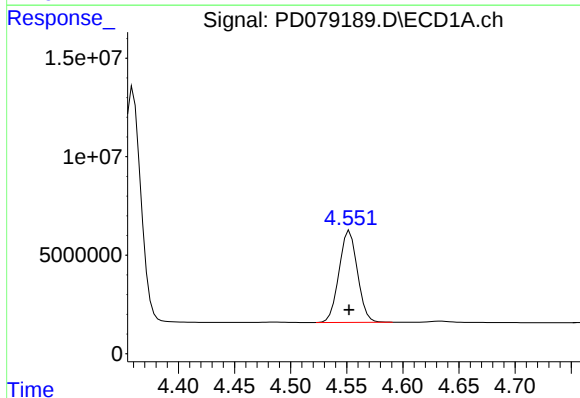
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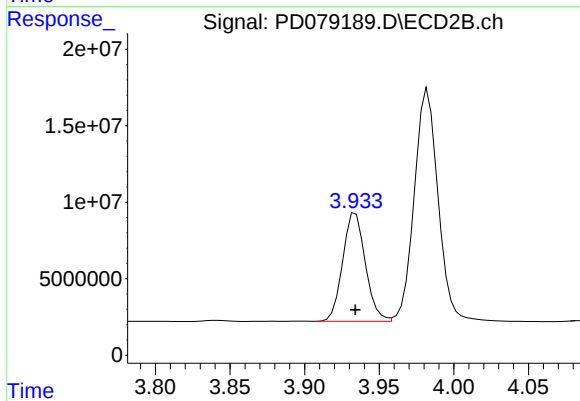
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 178938852
Conc: 54.70 ng/ml



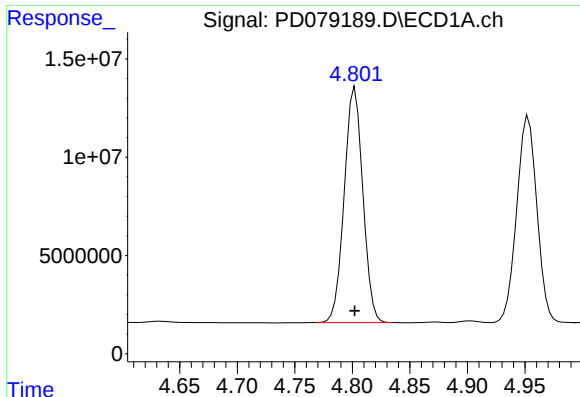
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 53230808
Conc: 49.67 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 75227038
Conc: 53.39 ng/ml



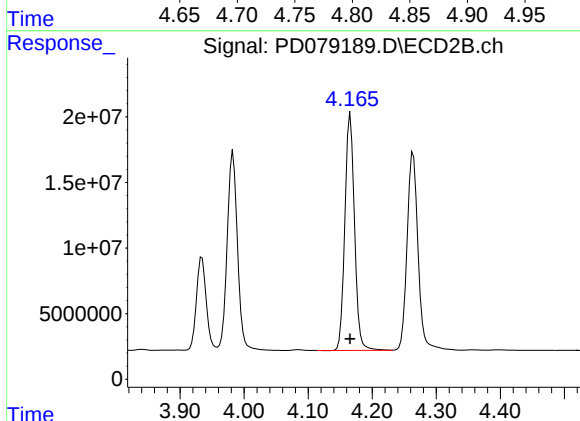
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 135444509
Conc: 50.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

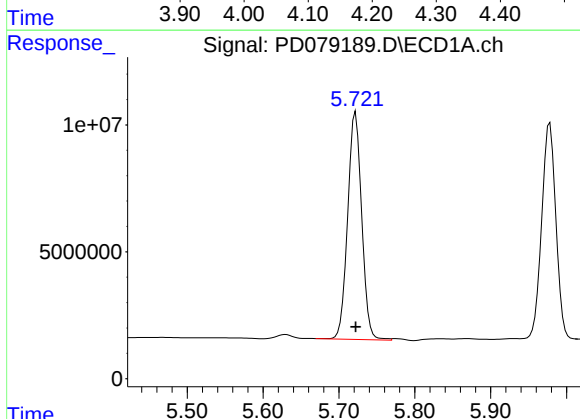
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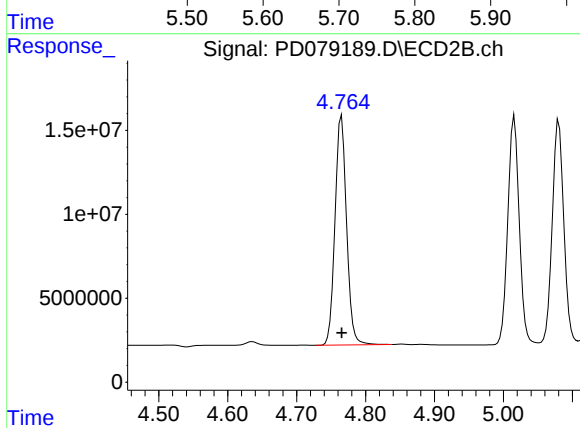
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 188083869
Conc: 56.17 ng/ml



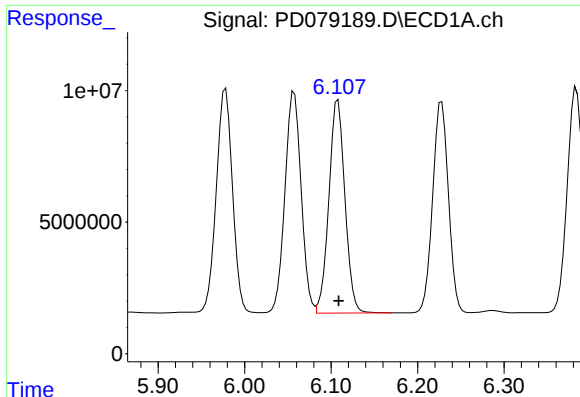
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 115063824
Conc: 49.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 159024080
Conc: 53.64 ng/ml



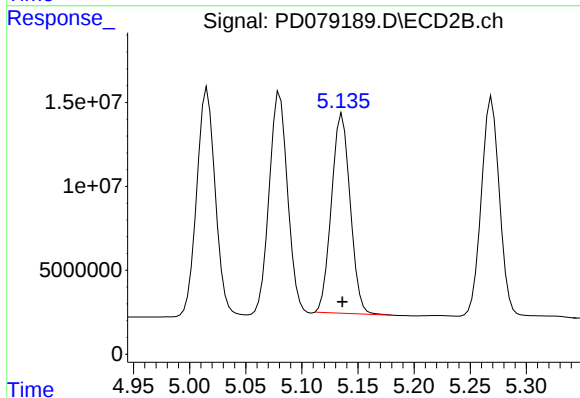
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 104202447
Conc: 48.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

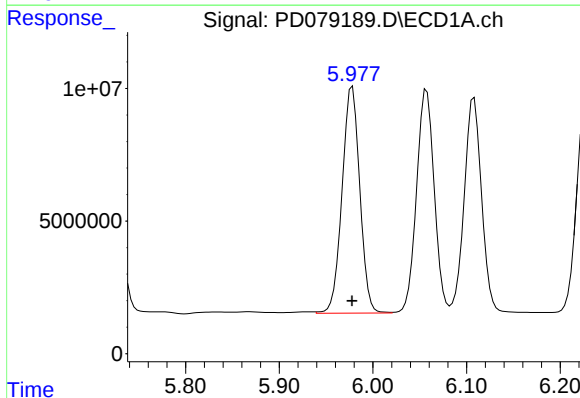
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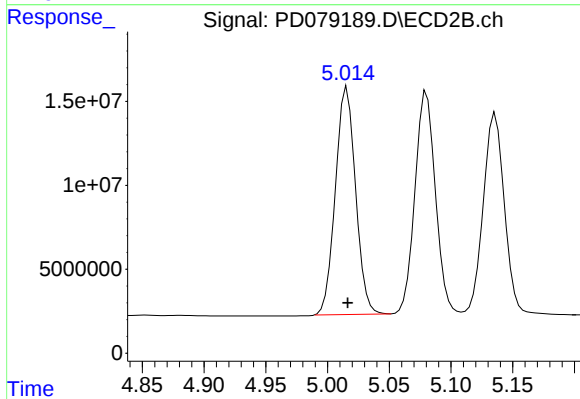
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 138084067
Conc: 52.15 ng/ml



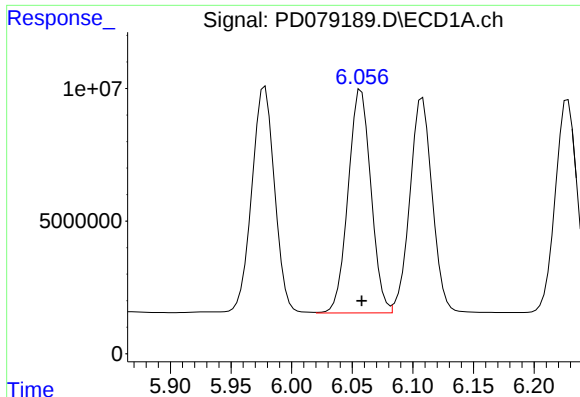
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 112475089
Conc: 49.06 ng/ml



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 154275576
Conc: 53.77 ng/ml



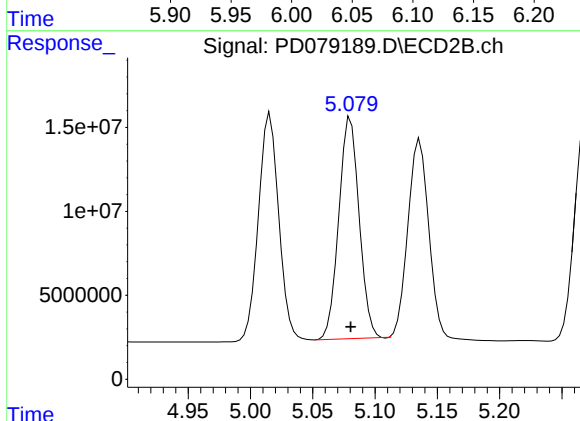
#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 110239520
Conc: 48.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

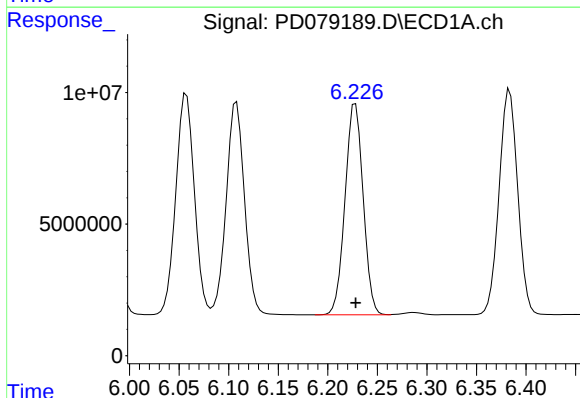
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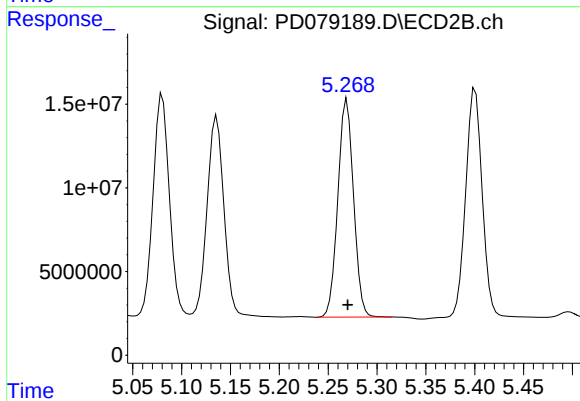
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 150411296
Conc: 52.41 ng/ml



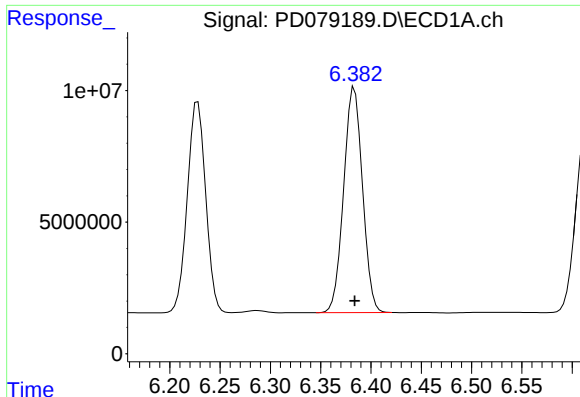
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 102000019
Conc: 48.27 ng/ml



#12 4,4'-DDE

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 145993830
Conc: 54.84 ng/ml



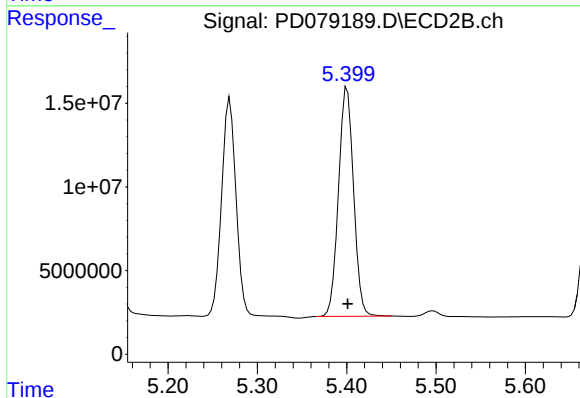
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 111492134
Conc: 47.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

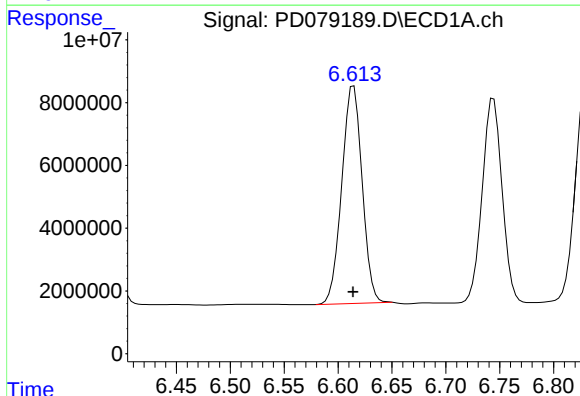
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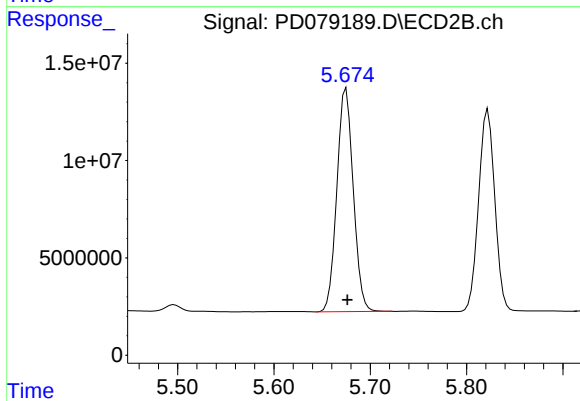
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 160507407
Conc: 54.04 ng/ml



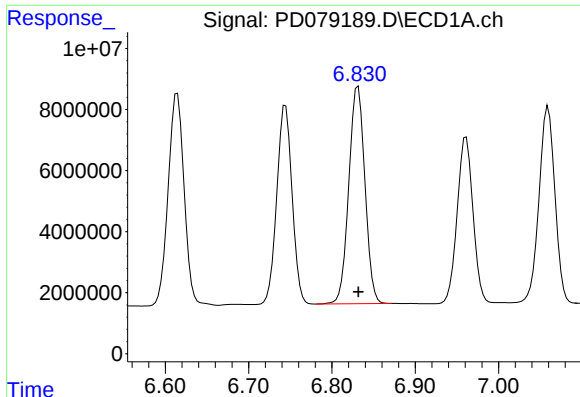
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 91385939
Conc: 46.92 ng/ml



#14 Endrin

R.T.: 5.675 min
Delta R.T.: -0.001 min
Response: 135750405
Conc: 53.05 ng/ml



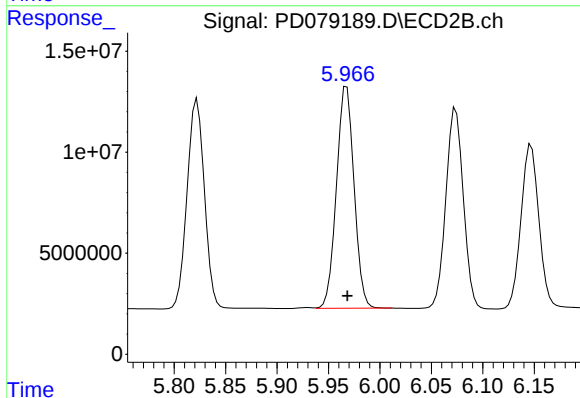
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.000 min
Response: 95631472
Conc: 46.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
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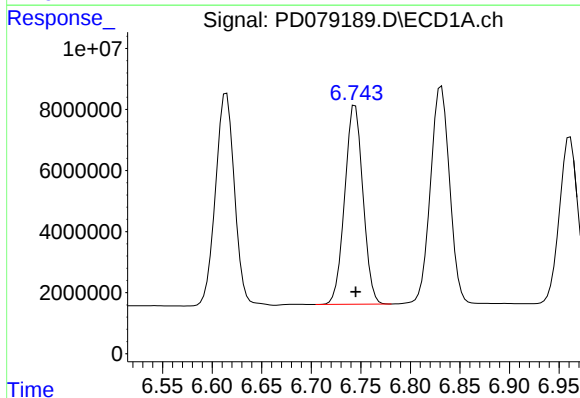
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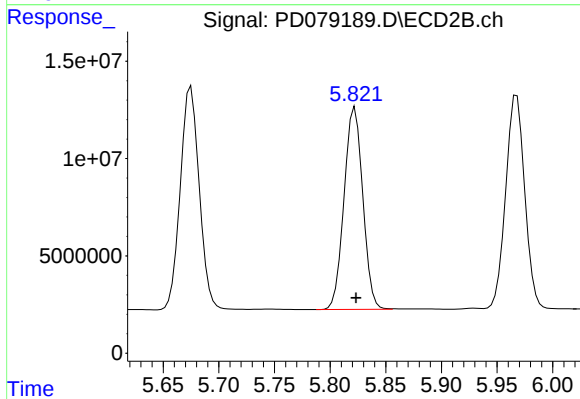
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 130814261
Conc: 52.40 ng/ml



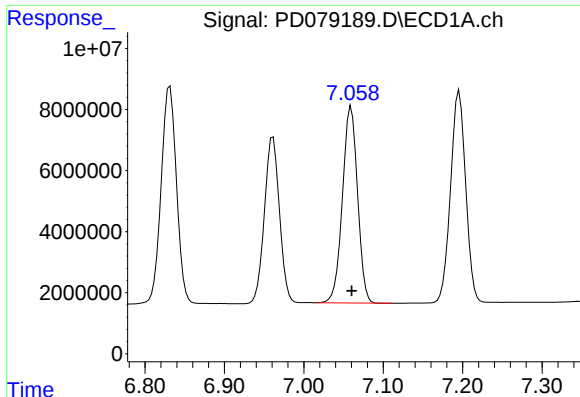
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 83416959
Conc: 47.45 ng/ml



#16 4,4'-DDD

R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 121641578
Conc: 53.25 ng/ml



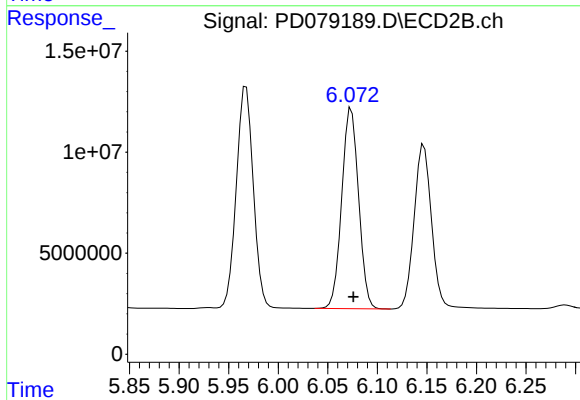
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 85020692
Conc: 44.90 ng/ml

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ECD_D
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PSTDCCC050

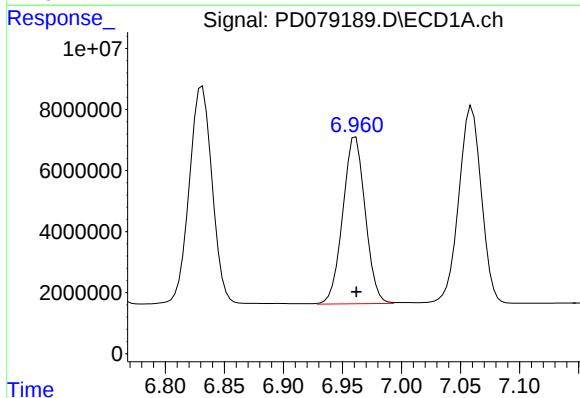
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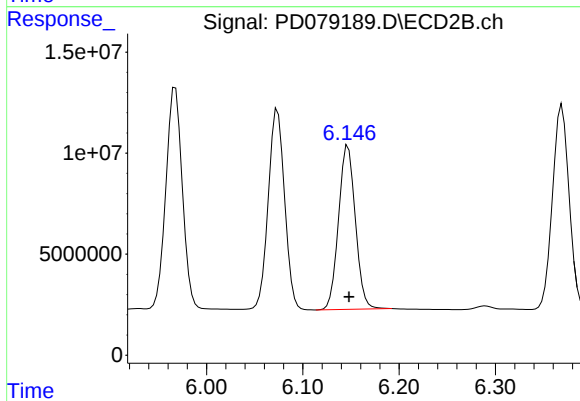
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 117392733
Conc: 51.28 ng/ml



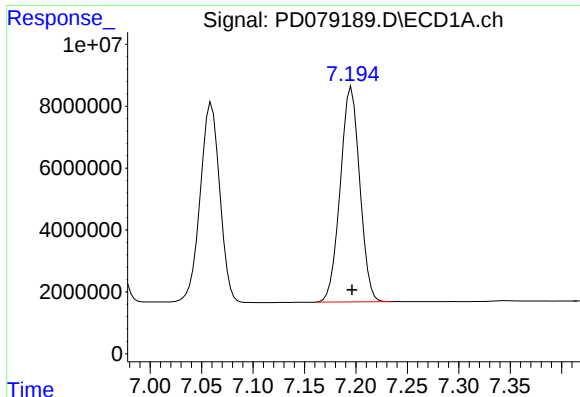
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 72336853
Conc: 46.84 ng/ml m



#18 Endrin aldehyde

R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 98112142
Conc: 52.77 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 91562113
Conc: 46.05 ng/ml

Instrument :

ECD_D

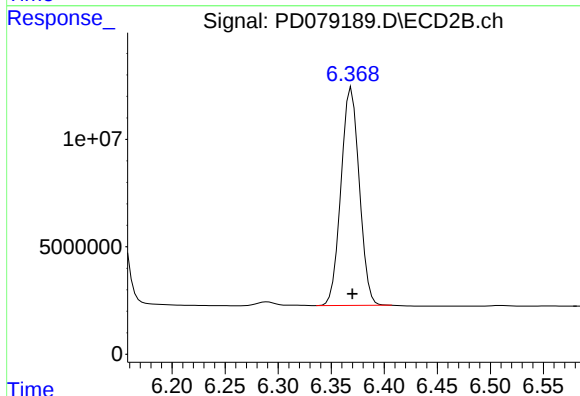
ClientSampleId :

PSTDCCC050

Manual Integrations

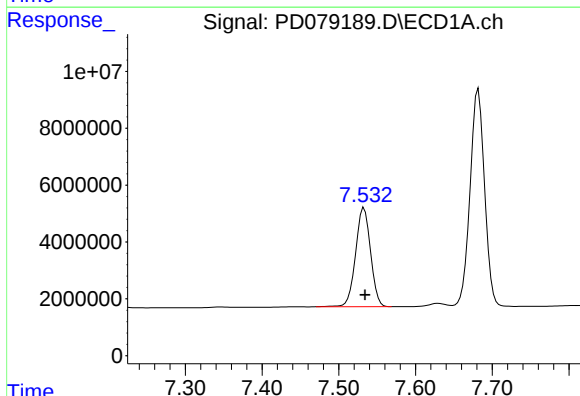
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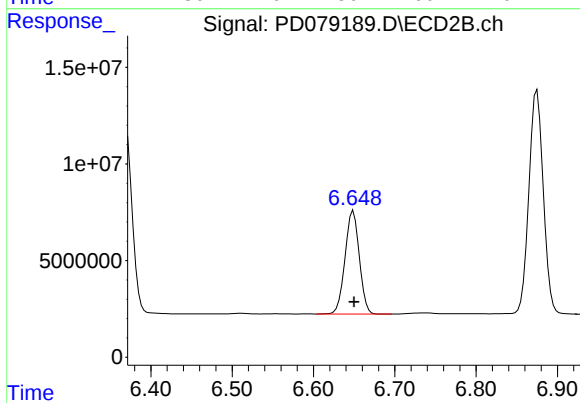
#19 Endosulfan Sulfate

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 121397448
Conc: 51.99 ng/ml



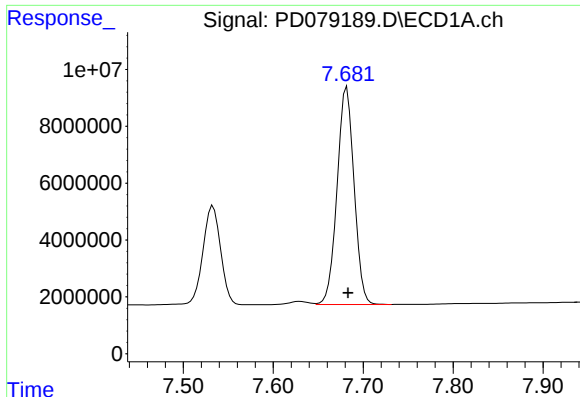
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 47538127
Conc: 43.38 ng/ml



#20 Methoxychlor

R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 64903687
Conc: 47.81 ng/ml



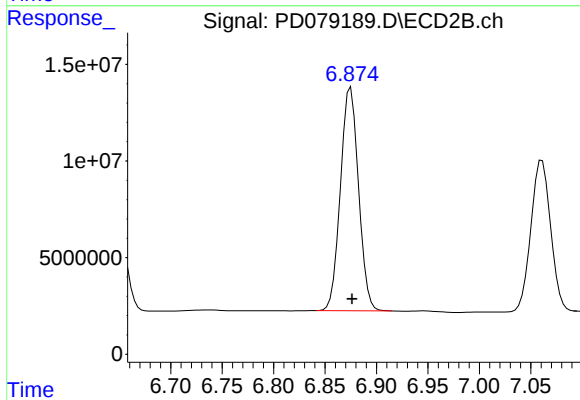
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: -0.001 min
Response: 100414602
Conc: 46.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

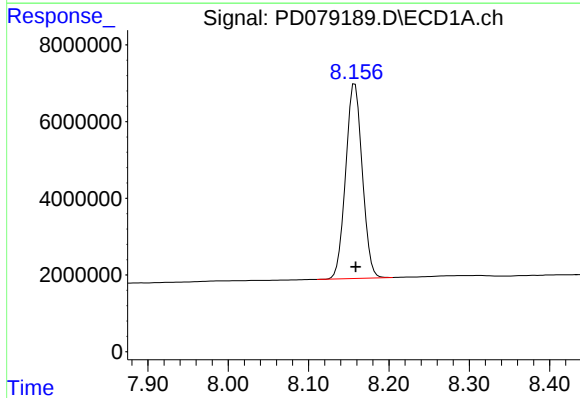
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



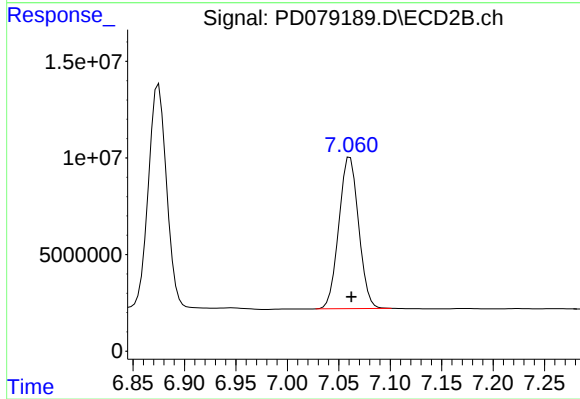
#21 Endrin ketone

R.T.: 6.875 min
Delta R.T.: -0.001 min
Response: 141547017
Conc: 50.63 ng/ml



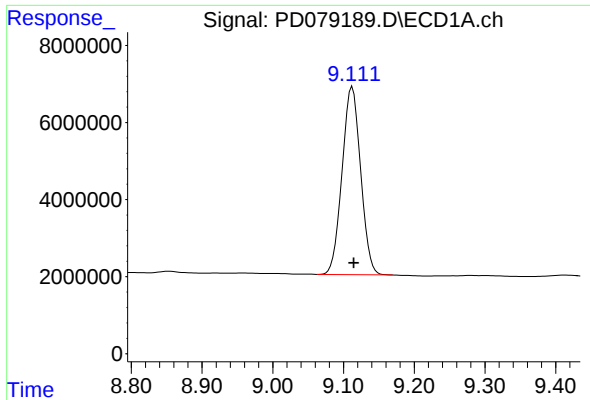
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: 72849338
Conc: 43.04 ng/ml



#22 Mirex

R.T.: 7.061 min
Delta R.T.: -0.001 min
Response: 104883081
Conc: 49.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: -0.002 min
Response: 88846249
Conc: 44.29 ng/ml

Instrument :

ECD_D

ClientSampleId :

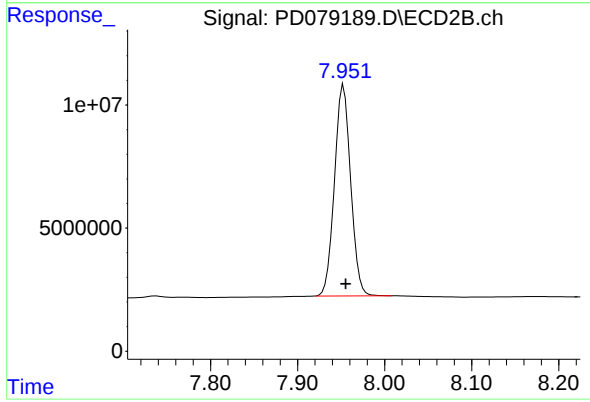
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.953 min
Delta R.T.: -0.003 min
Response: 110793058
Conc: 45.45 ng/ml