

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100923\
 Data File : PL085777.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2023 15:11
 Operator : AR\AJ
 Sample : 04791-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:17:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.358	2.623	55928352	16986678	18.805	18.185
28)	SA Decachlor...	8.860	7.776	42303299	17583425	19.423	19.051
Target Compounds							
2)	A alpha-BHC	3.812	3.121	196.9E6	56924716	45.882	45.245
3)	MA gamma-BHC...	4.143	3.449	186.9E6	56959955	45.212	46.183
4)	MA Heptachlor	4.731	3.786	177.3E6	52817679	45.830	45.413
5)	MB Aldrin	5.071	4.062	168.2E6	51819889	43.401	46.340
6)	B beta-BHC	4.346	3.750	80182679	24621235	48.489	47.295
7)	B delta-BHC	4.589	3.976	185.0E6	54503377	48.237	47.437
8)	B Heptachlo...	5.501	4.567	149.7E6	47028295	43.394	46.822
9)	A Endosulfan I	5.885	4.935	137.2E6	42287036	42.430	39.420
10)	B gamma-Chl...	5.758	4.819	148.3E6	47140878	43.351	47.599
11)	B alpha-Chl...	5.838	4.883	146.2E6	47064113	42.785	43.149
12)	B 4,4'-DDE	6.021	5.082	133.9E6	42009983	47.879	51.161
13)	MA Dieldrin	6.162	5.201	145.3E6	45738502	44.229	47.142
14)	MA Endrin	6.390	5.474	126.3E6	42965807	44.330	47.793
15)	B Endosulfa...	6.613	5.772	113.1E6	42423065	41.058	44.612
16)	A 4,4'-DDD	6.540	5.638	102.6E6	35548713	50.950	51.073
17)	MA 4,4'-DDT	6.855	5.889	111.7E6	39902025	47.408	50.461
18)	B Endrin al...	6.744	5.953	90612319	33991187	44.708	45.582
19)	B Endosulfa...	6.980	6.177	114.0E6	44031039	45.404	48.809m
20)	A Methoxychlor	7.341	6.473	63747136	24955792	45.644	47.438
21)	B Endrin ke...	7.461	6.680	121.7E6	50021697	42.267	43.519
22)	Mirex	7.935	6.857	106.0E6	47556295	47.892	50.422

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

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 Acq On : 09 Oct 2023 15:11
 Operator : AR\AJ
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 ALS Vial : 14 Sample Multiplier: 1

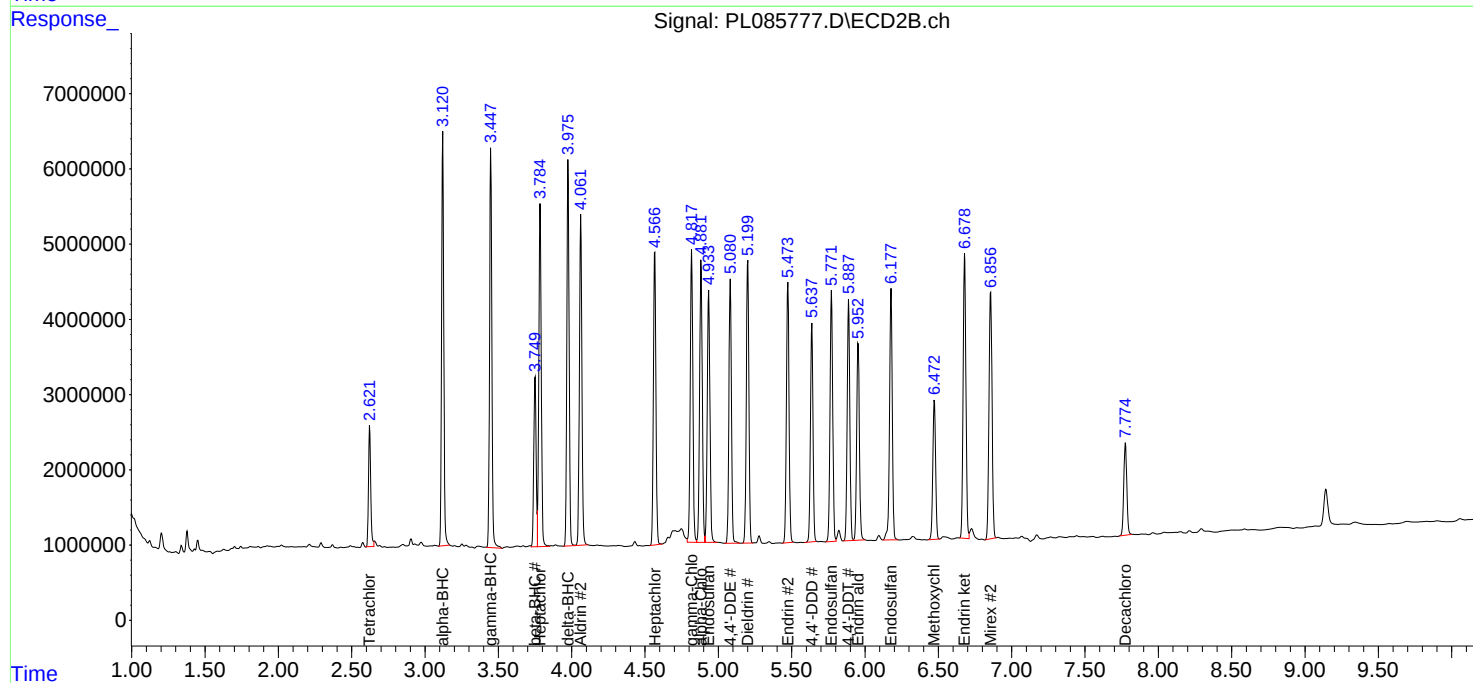
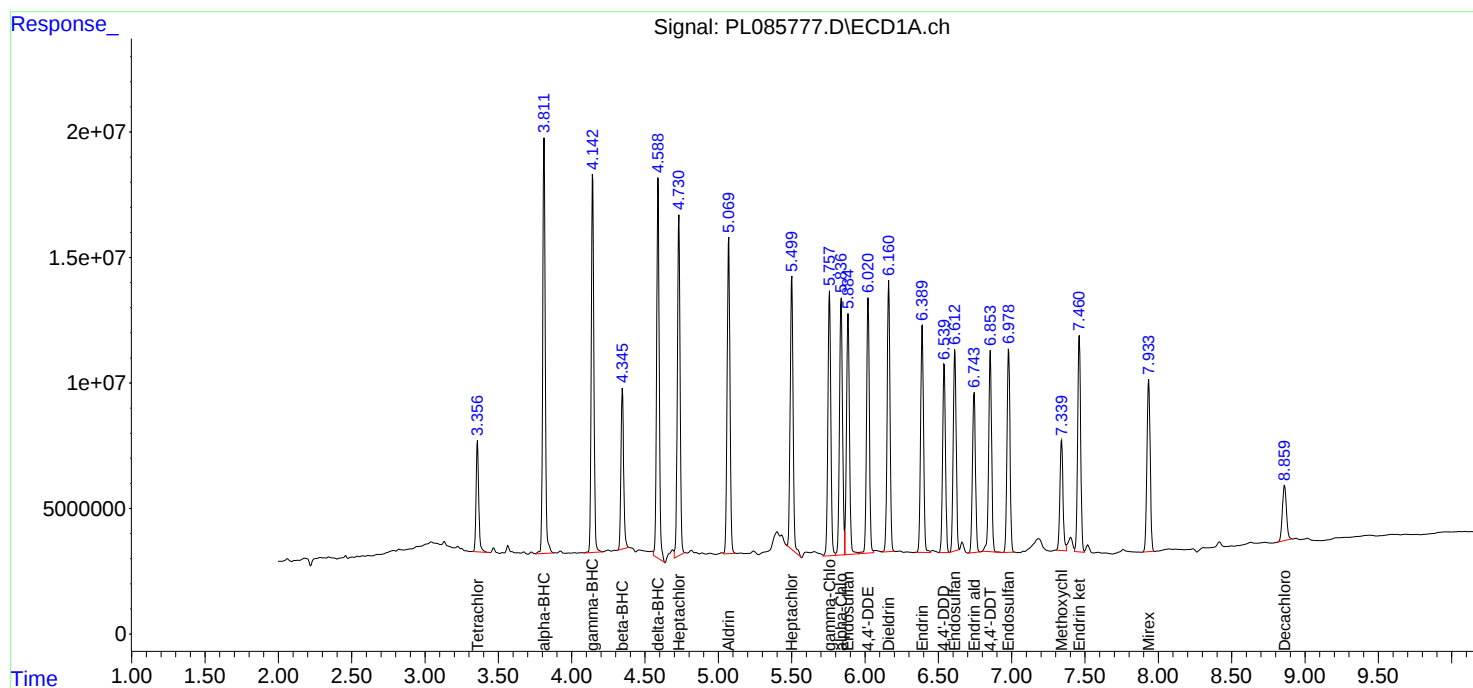
Instrument :
 ECD_L
 ClientSampleId :
 TP-3MSD

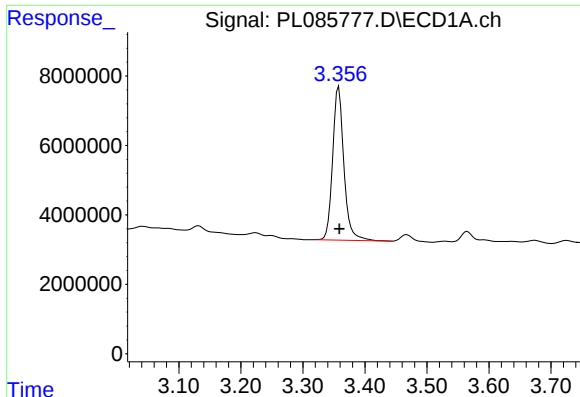
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 10/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:17:34 2023
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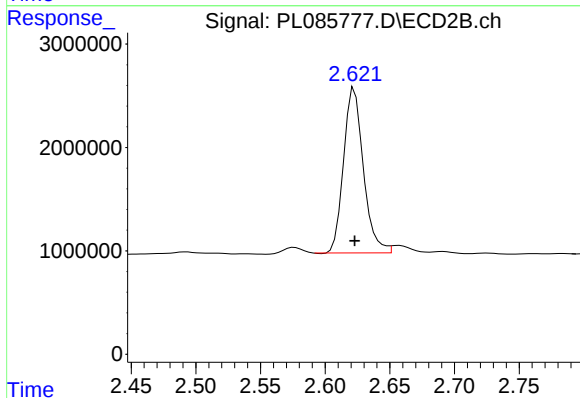
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: -0.001 min
Response: 55928352
Conc: 18.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

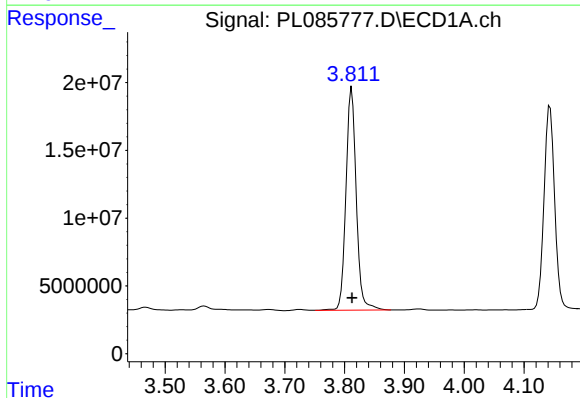
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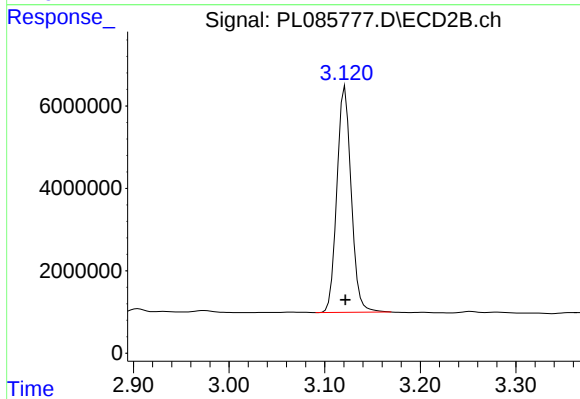
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 16986678
Conc: 18.18 ng/ml



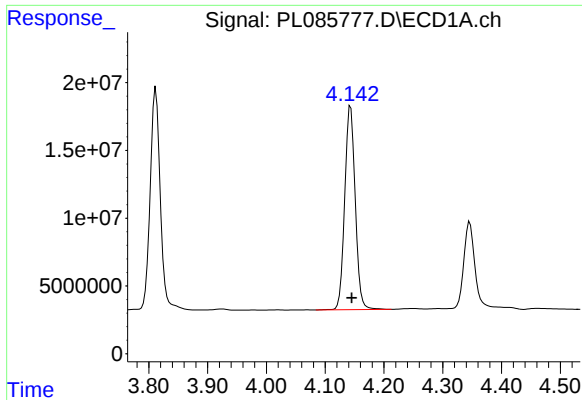
#2 alpha-BHC

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 196919801
Conc: 45.88 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 56924716
Conc: 45.25 ng/ml



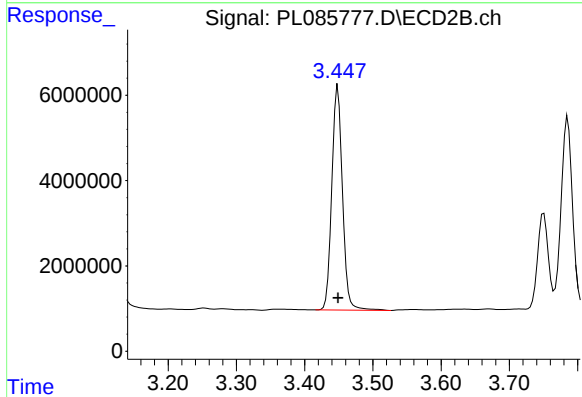
#3 gamma-BHC (Lindane)

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 186874580
Conc: 45.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

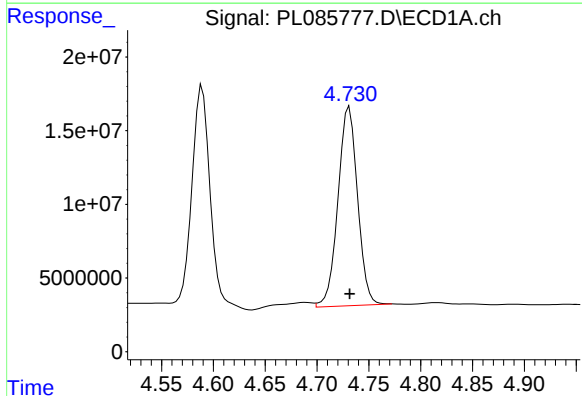
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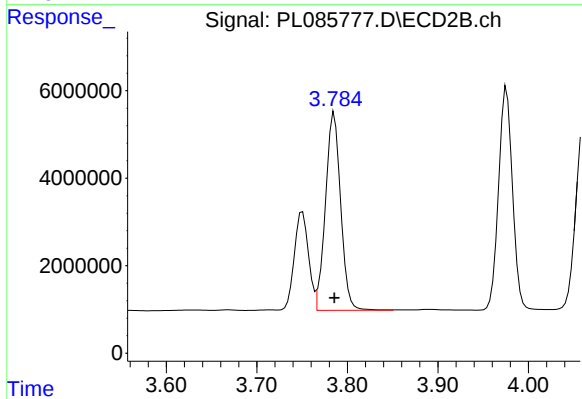
#3 gamma-BHC (Lindane)

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 56959955
Conc: 46.18 ng/ml



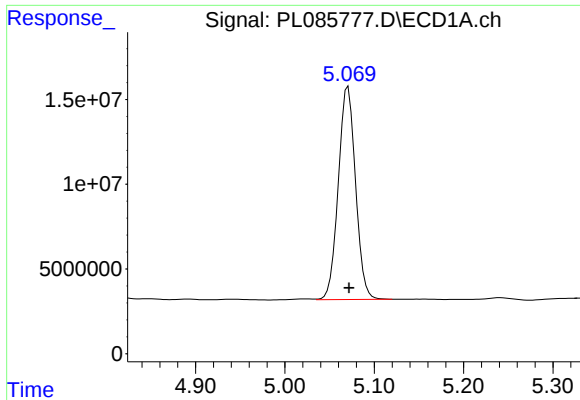
#4 Heptachlor

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 177253743
Conc: 45.83 ng/ml



#4 Heptachlor

R.T.: 3.786 min
Delta R.T.: 0.000 min
Response: 52817679
Conc: 45.41 ng/ml



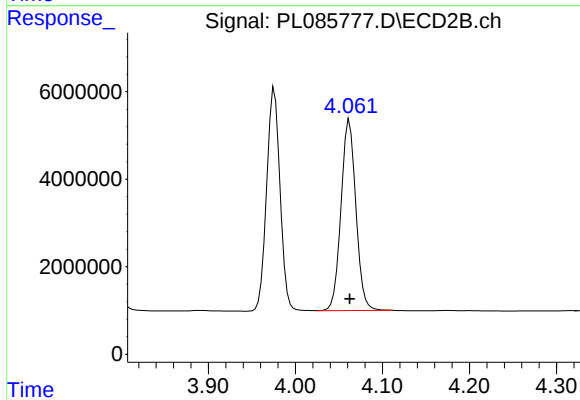
#5 Aldrin

R.T.: 5.071 min
Delta R.T.: -0.001 min
Response: 168235420
Conc: 43.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

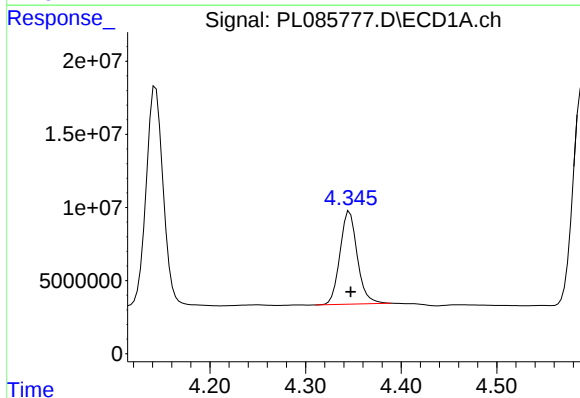
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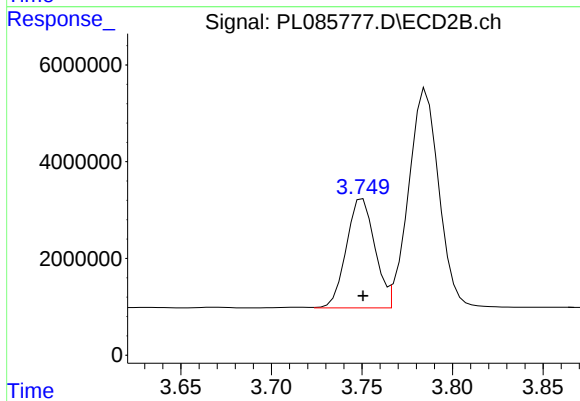
#5 Aldrin

R.T.: 4.062 min
Delta R.T.: 0.000 min
Response: 51819889
Conc: 46.34 ng/ml



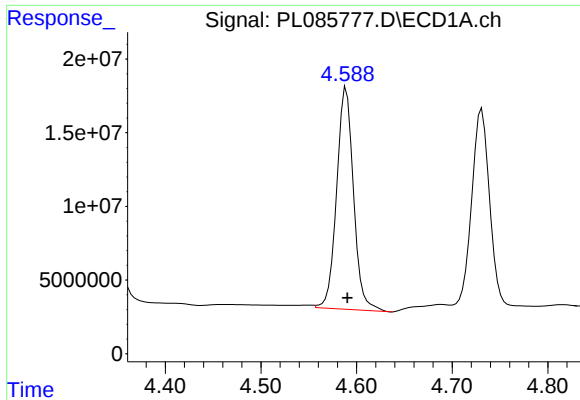
#6 beta-BHC

R.T.: 4.346 min
Delta R.T.: -0.001 min
Response: 80182679
Conc: 48.49 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 24621235
Conc: 47.30 ng/ml



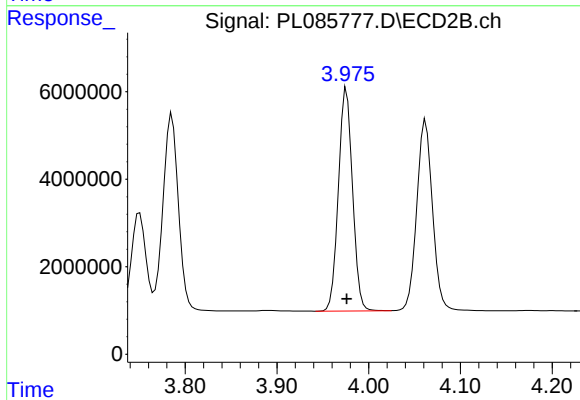
#7 delta-BHC

R.T.: 4.589 min
Delta R.T.: -0.001 min
Response: 184958829
Conc: 48.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

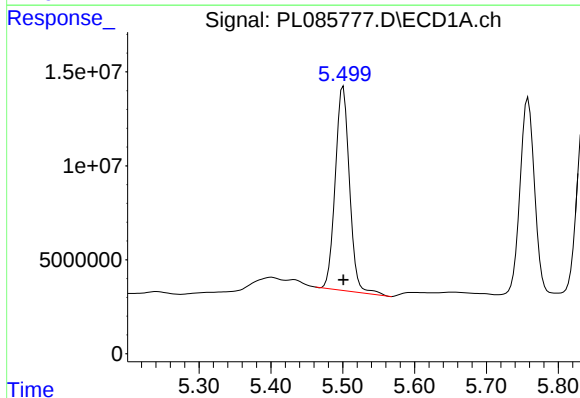
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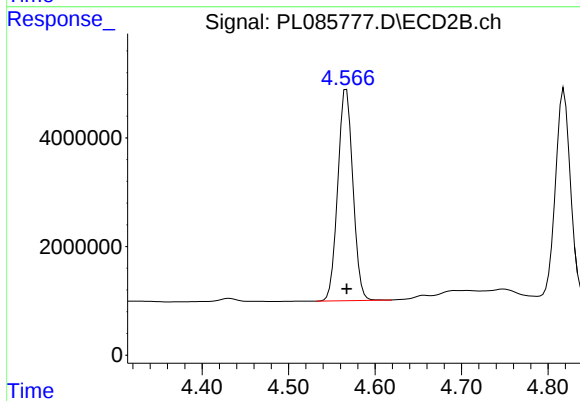
#7 delta-BHC

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 54503377
Conc: 47.44 ng/ml



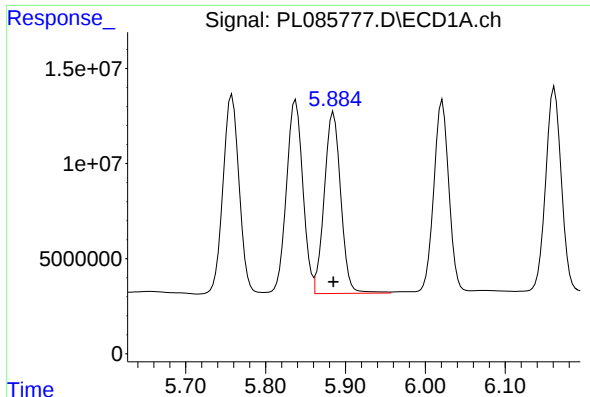
#8 Heptachlor epoxide

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 149700943
Conc: 43.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 47028295
Conc: 46.82 ng/ml



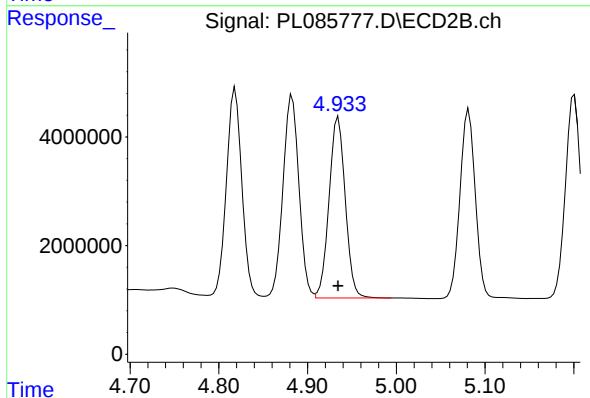
#9 Endosulfan I

R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 137218151
Conc: 42.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

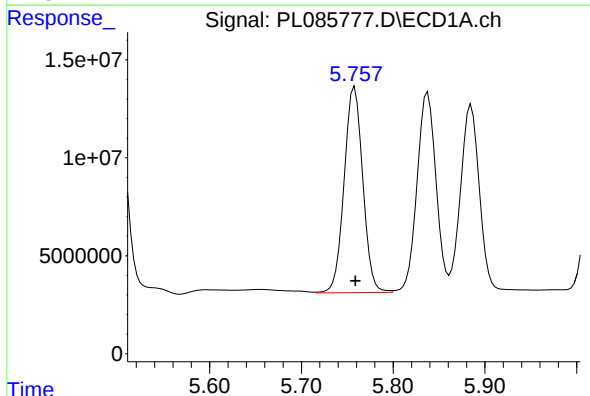
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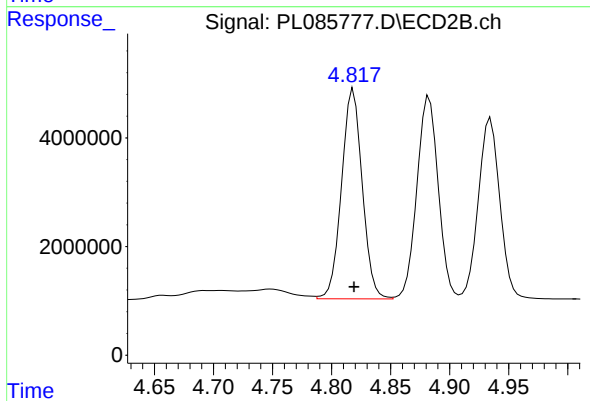
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 42287036
Conc: 39.42 ng/ml



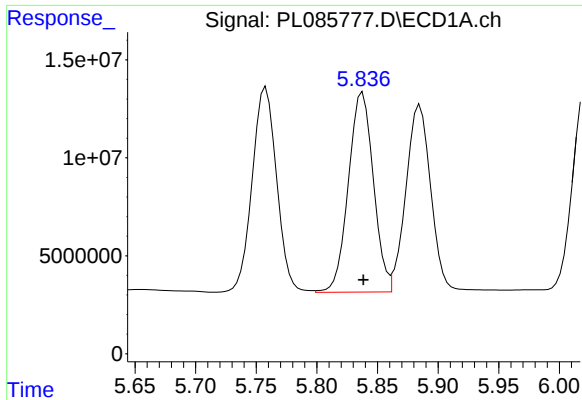
#10 gamma-Chlordane

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 148322387
Conc: 43.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 47140878
Conc: 47.60 ng/ml



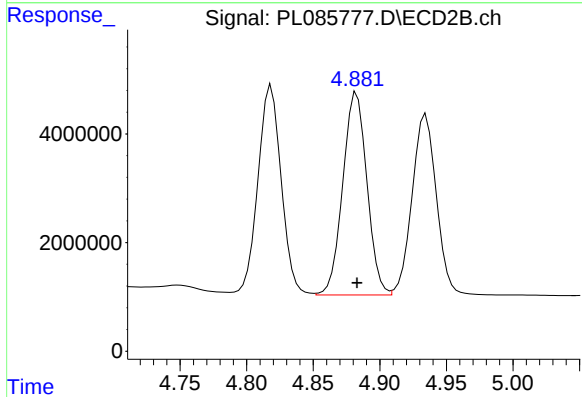
#11 alpha-Chlordane

R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 146225856
Conc: 42.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

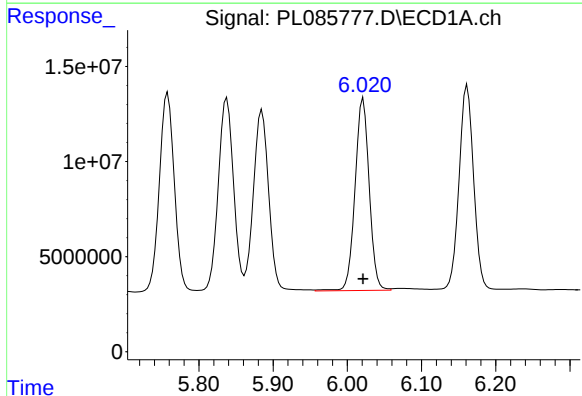
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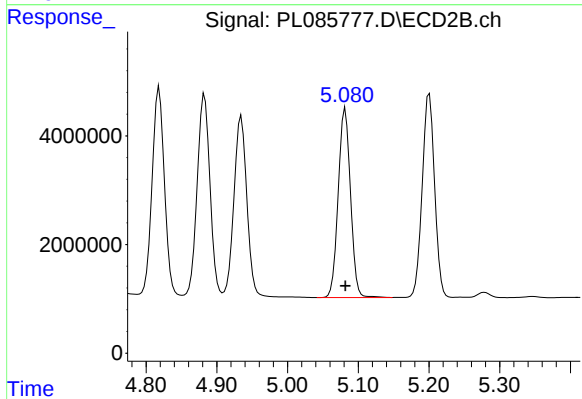
#11 alpha-Chlordane

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 47064113
Conc: 43.15 ng/ml



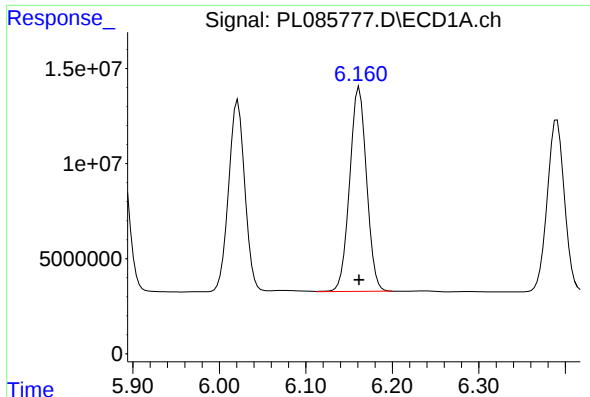
#12 4,4'-DDE

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 133896718
Conc: 47.88 ng/ml



#12 4,4'-DDE

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 42009983
Conc: 51.16 ng/ml



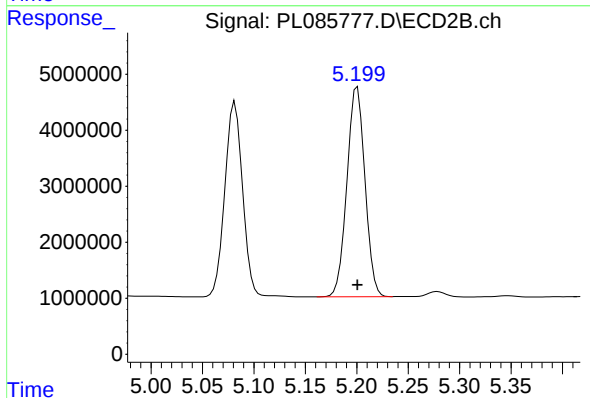
#13 Dieldrin

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 145336347
Conc: 44.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

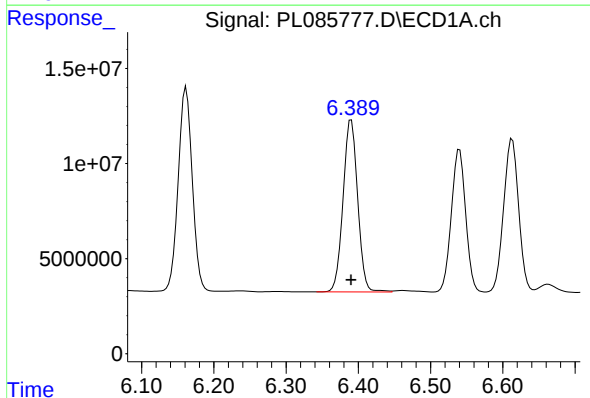
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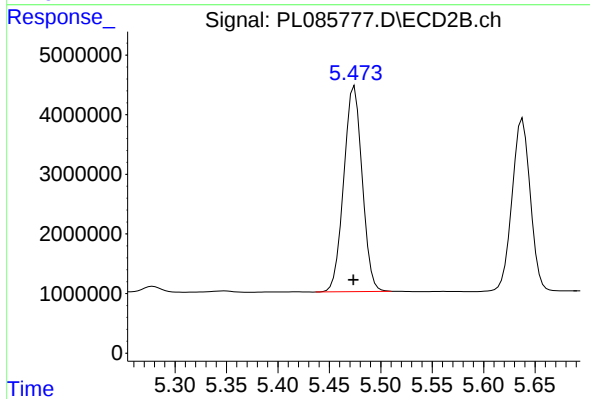
#13 Dieldrin

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 45738502
Conc: 47.14 ng/ml



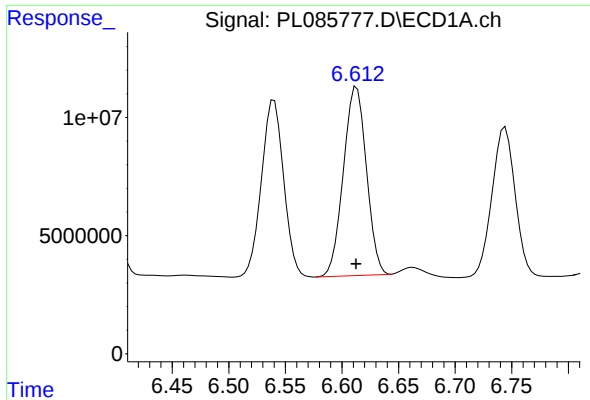
#14 Endrin

R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 126328382
Conc: 44.33 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 42965807
Conc: 47.79 ng/ml



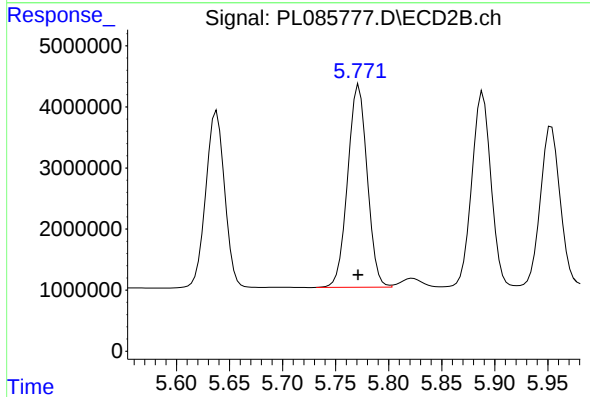
#15 Endosulfan II

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 113135632
Conc: 41.06 ng/ml

Instrument :
ECD_L
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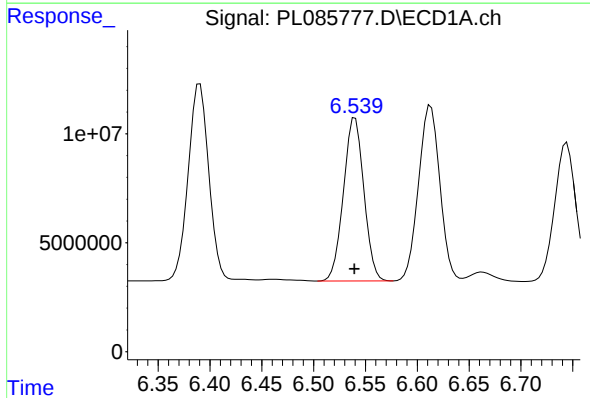
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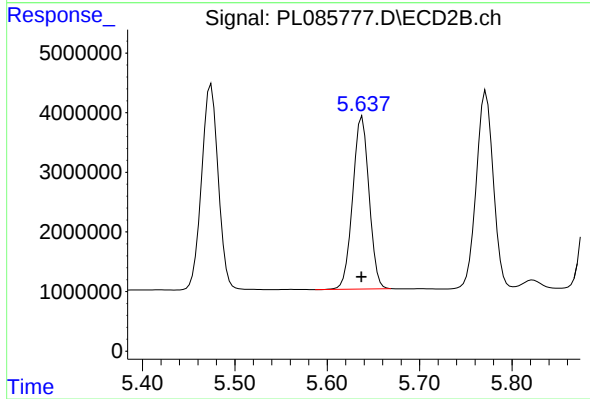
#15 Endosulfan II

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 42423065
Conc: 44.61 ng/ml



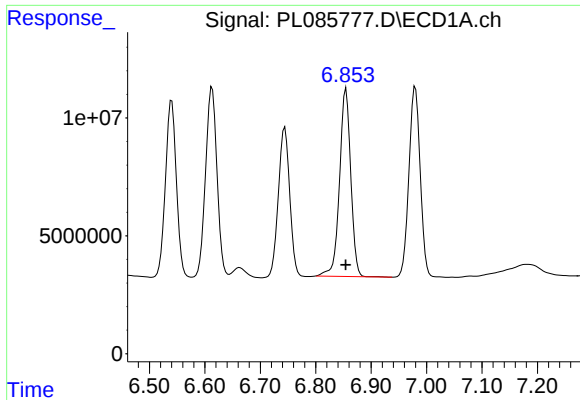
#16 4,4'-DDD

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 102647402
Conc: 50.95 ng/ml



#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 35548713
Conc: 51.07 ng/ml



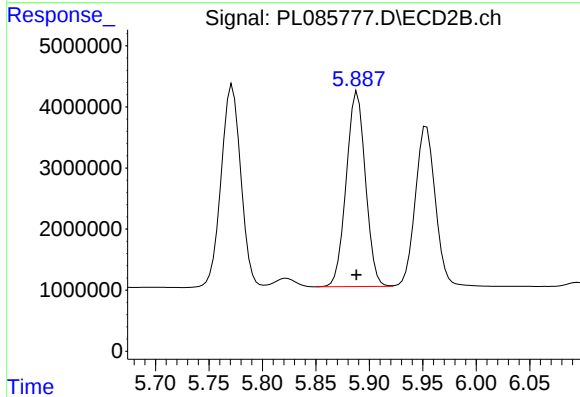
#17 4,4'-DDT

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 111743982
Conc: 47.41 ng/ml

Instrument :
ECD_L
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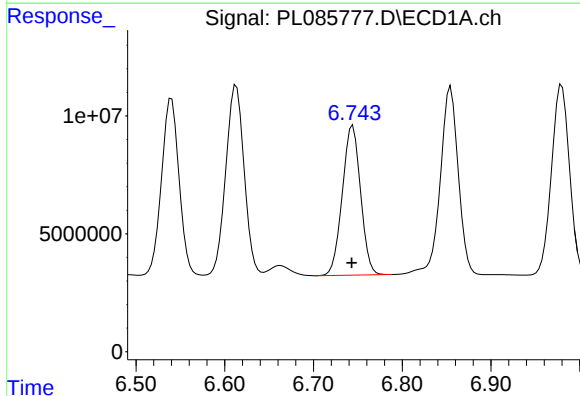
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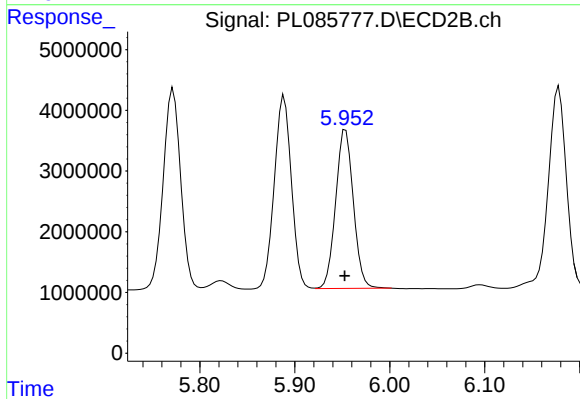
#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.001 min
Response: 39902025
Conc: 50.46 ng/ml



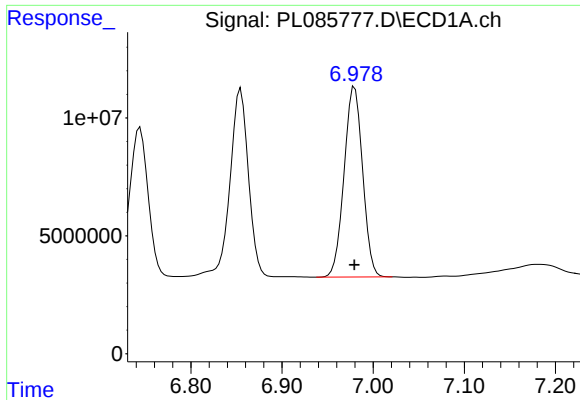
#18 Endrin aldehyde

R.T.: 6.744 min
Delta R.T.: 0.001 min
Response: 90612319
Conc: 44.71 ng/ml



#18 Endrin aldehyde

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 33991187
Conc: 45.58 ng/ml



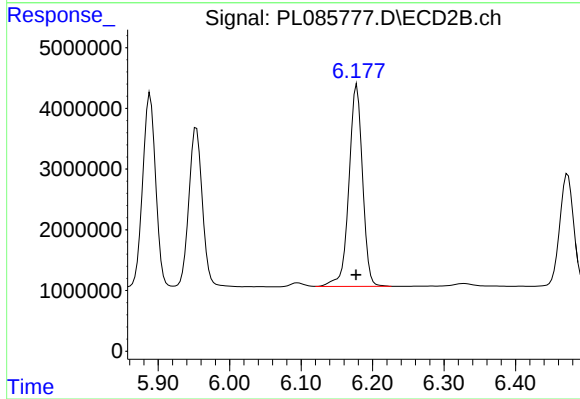
#19 Endosulfan Sulfate

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 113950515
Conc: 45.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

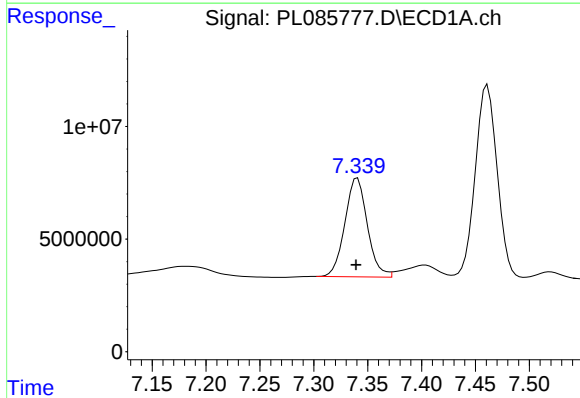
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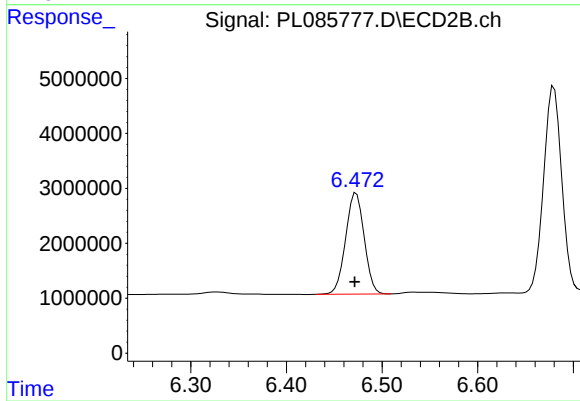
#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 44031039
Conc: 48.81 ng/ml m



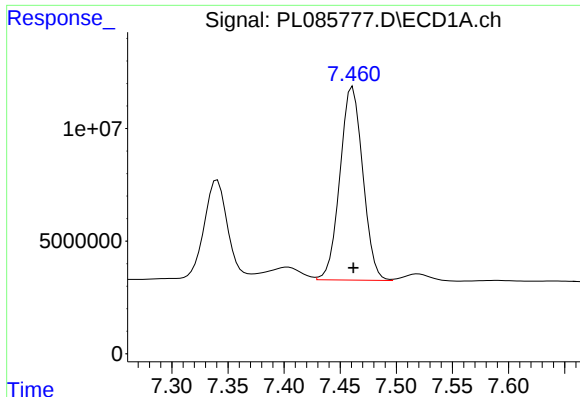
#20 Methoxychlor

R.T.: 7.341 min
Delta R.T.: 0.001 min
Response: 63747136
Conc: 45.64 ng/ml



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: 0.001 min
Response: 24955792
Conc: 47.44 ng/ml



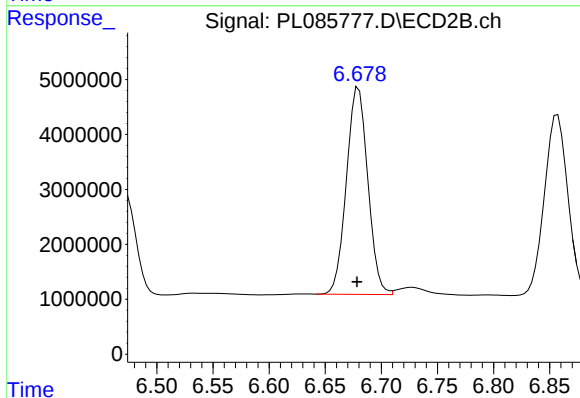
#21 Endrin ketone

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 121741136
Conc: 42.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

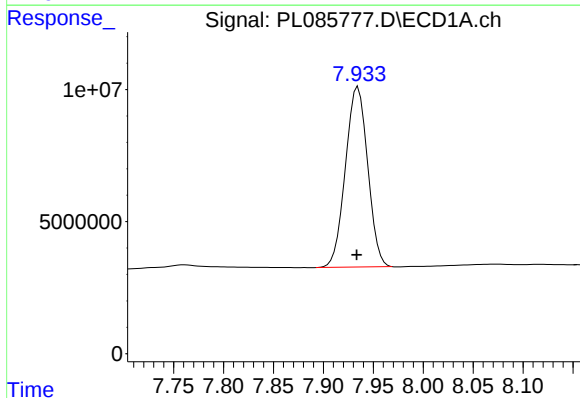
Manual Integrations
APPROVED

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



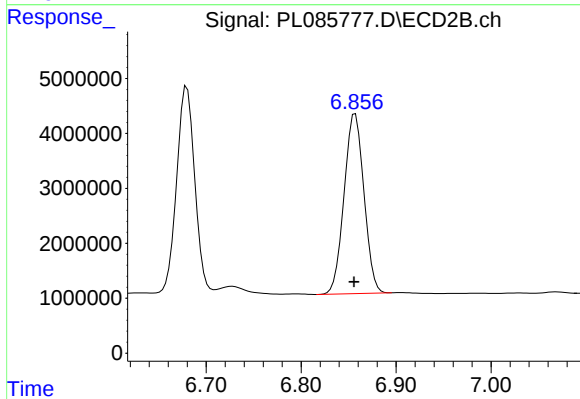
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 50021697
Conc: 43.52 ng/ml



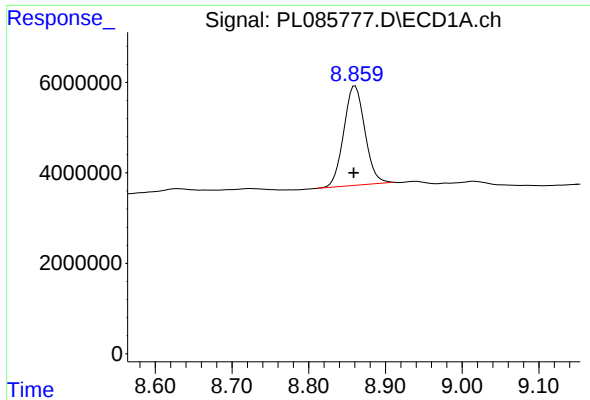
#22 Mirex

R.T.: 7.935 min
Delta R.T.: 0.001 min
Response: 106031951
Conc: 47.89 ng/ml



#22 Mirex

R.T.: 6.857 min
Delta R.T.: 0.001 min
Response: 47556295
Conc: 50.42 ng/ml



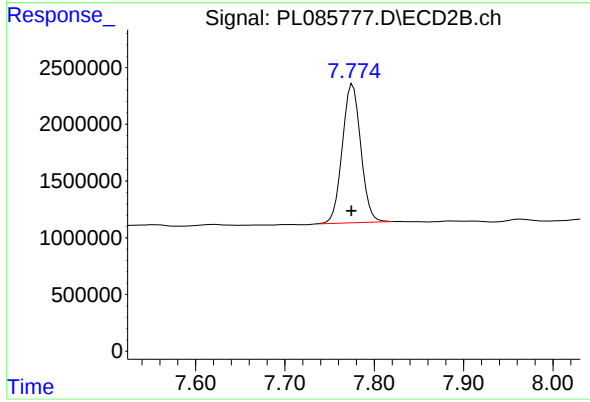
#28 Decachlorobiphenyl

R.T.: 8.860 min
Delta R.T.: 0.002 min
Response: 42303299
Conc: 19.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 10/10/2023



#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: 0.001 min
Response: 17583425
Conc: 19.05 ng/ml