

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082523\
 Data File : PL084996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2023 16:49
 Operator : AR\AJ
 Sample : 04121-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 IDW-W-20230822MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/28/2023
 Supervised By :Ankita Jodhani 08/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 22:25:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.478	2.686	44422198	18529607	19.119	17.040
28)	SA Decachlor...	9.029	7.866	34843868	26584707	21.415	21.322
Target Compounds							
2)	A alpha-BHC	3.936	3.190	185.8E6	95948173	56.266	62.140
3)	MA gamma-BHC...	4.270	3.521	162.5E6	88367162	50.950	58.154
4)	MA Heptachlor	4.860	3.862	199.5E6	87356532	59.314m	61.340
5)	MB Aldrin	5.204	4.141	181.4E6	78080507	54.881	53.723
6)	B beta-BHC	4.468	3.823	74956372	38169805	53.658m	56.968
7)	B delta-BHC	4.716	4.051	172.1E6	89115428	53.358	58.698
8)	B Heptachlo...	5.634	4.648	166.4E6	78365970	55.218	59.064
9)	A Endosulfan I	6.020	5.018	143.1E6	74181739	54.351	59.858
10)	B gamma-Chl...	5.891	4.901	154.4E6	82710275	53.918	60.984
11)	B alpha-Chl...	5.972	4.965	150.9E6	80512830	53.465	59.092
12)	B 4,4'-DDE	6.150	5.163	132.1E6	77193499	57.548	62.684
13)	MA Dieldrin	6.297	5.285	140.0E6	80019806	52.981	58.934
14)	MA Endrin	6.527	5.560	119.6E6	75273115	54.841	61.537
15)	B Endosulfa...	6.748	5.858	107.4E6	66980569	50.769	55.512
16)	A 4,4'-DDD	6.670	5.721	98382269	65280661	58.680	63.181
17)	MA 4,4'-DDT	6.986	5.973	108.1E6	72207634	57.710	62.218
18)	B Endrin al...	6.879	6.040	86045991	55807110	51.007	56.272
19)	B Endosulfa...	7.115	6.265	106.4E6	70211690	53.246	59.042
20)	A Methoxychlor	7.467	6.558	53477528	38374145	55.724	55.931
21)	B Endrin ke...	7.600	6.770	105.6E6	82688411	52.792	57.310
22)	Mirex	8.075	6.950	84558637	63271200	50.914	54.862

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082523\
Data File : PL084996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2023 16:49
Operator : AR\AJ
Sample : 04121-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

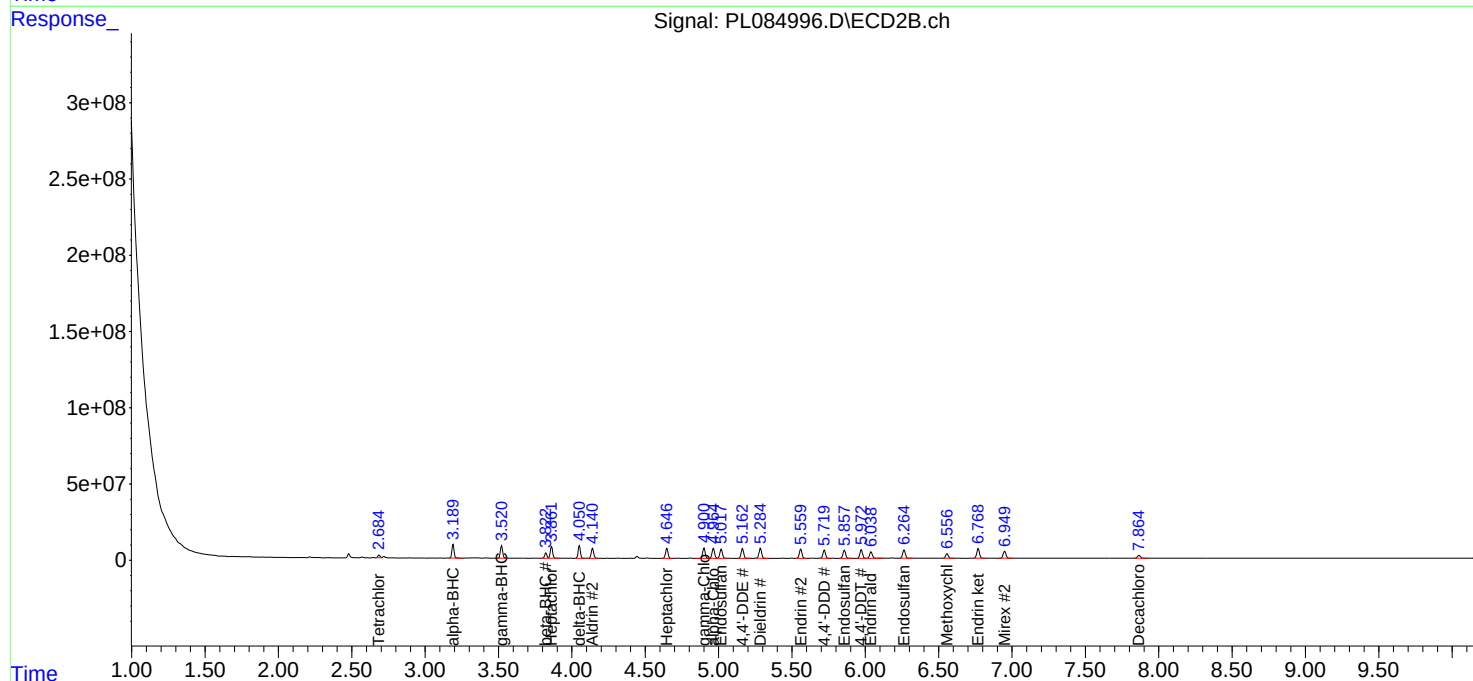
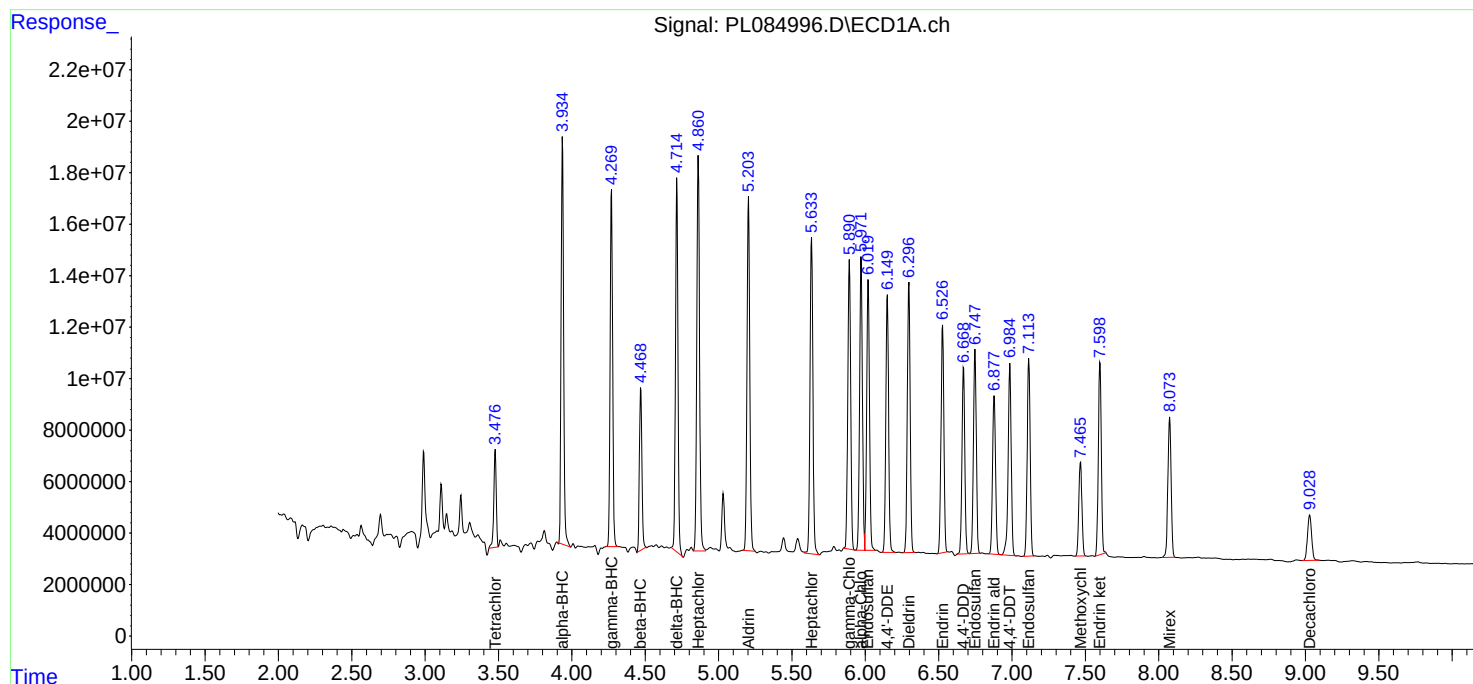
Instrument :
ECD_L
ClientSampleId :
IDW-W-20230822MSD

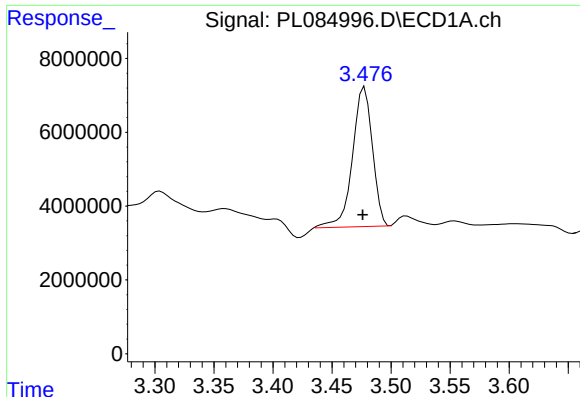
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 22:25:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
Response 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





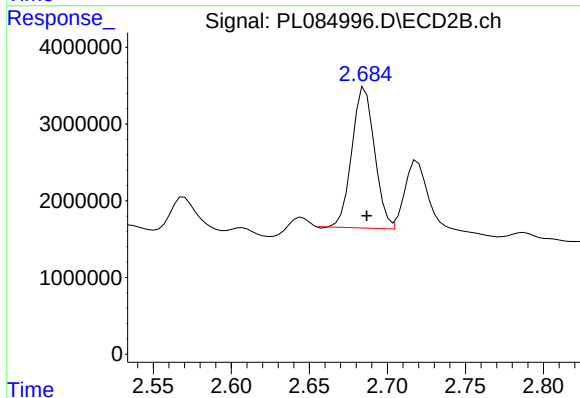
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.002 min
Response: 44422198
Conc: 19.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-W-20230822MSD

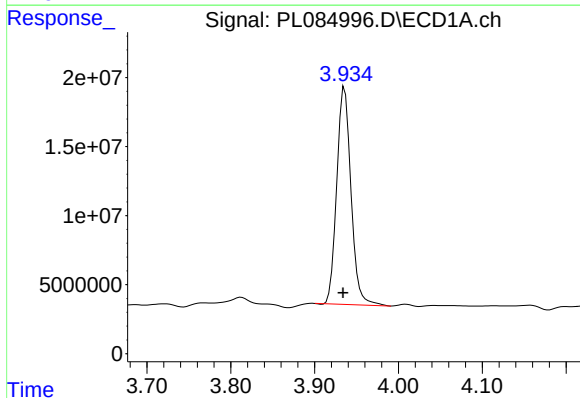
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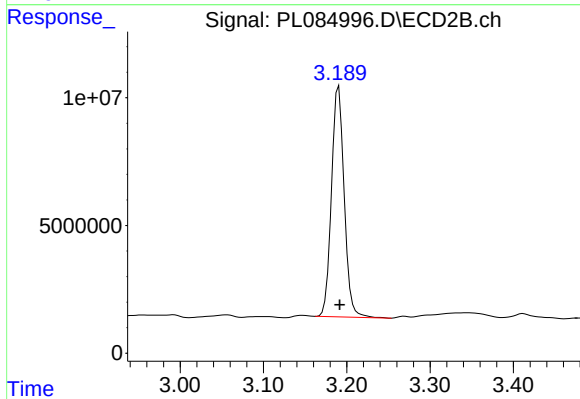
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: -0.001 min
Response: 18529607
Conc: 17.04 ng/ml



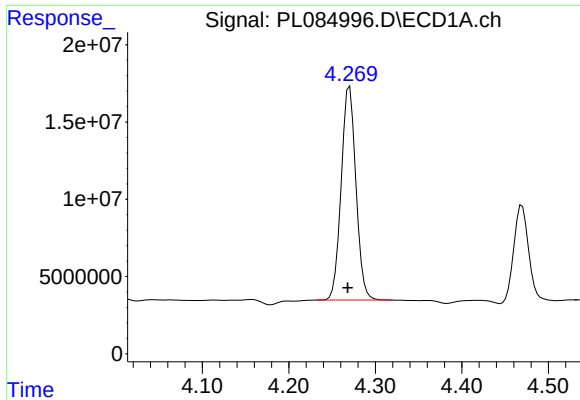
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.002 min
Response: 185758216
Conc: 56.27 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.001 min
Response: 95948173
Conc: 62.14 ng/ml



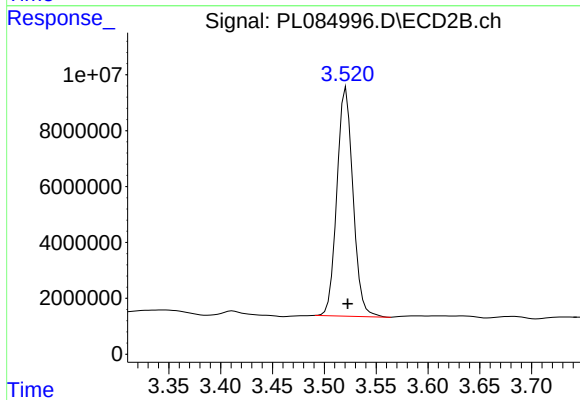
#3 gamma-BHC (Lindane)

R.T.: 4.270 min
Delta R.T.: 0.002 min
Response: 162532376
Conc: 50.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-W-20230822MSD

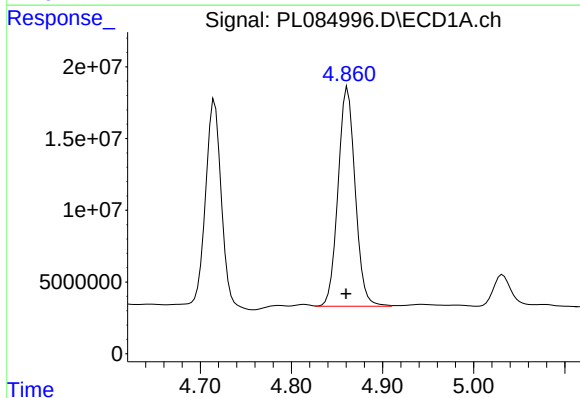
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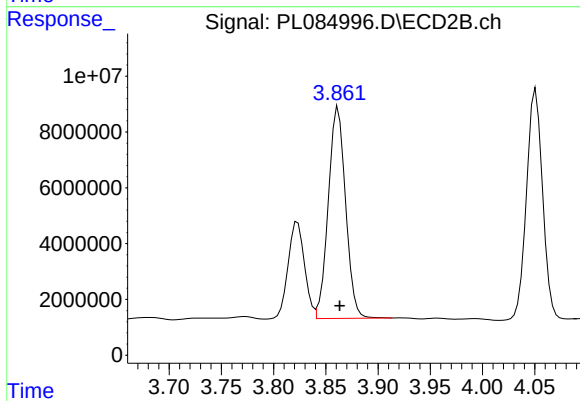
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: -0.002 min
Response: 88367162
Conc: 58.15 ng/ml



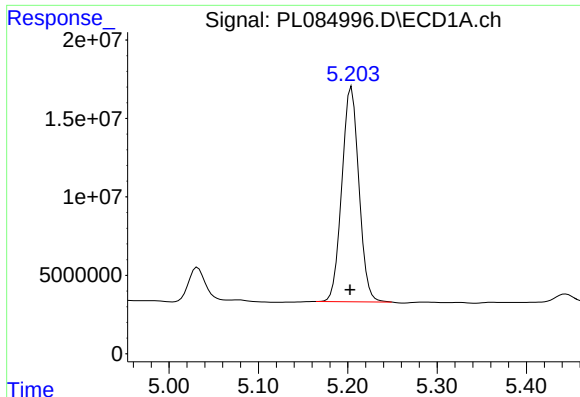
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 199463470
Conc: 59.31 ng/ml m



#4 Heptachlor

R.T.: 3.862 min
Delta R.T.: -0.002 min
Response: 87356532
Conc: 61.34 ng/ml



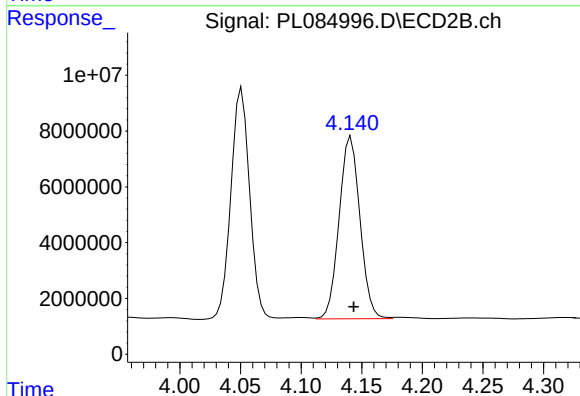
#5 Aldrin

R.T.: 5.204 min
Delta R.T.: 0.002 min
Response: 181400250
Conc: 54.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-W-20230822MSD

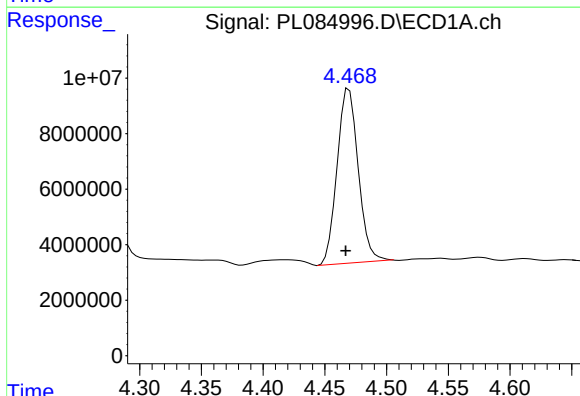
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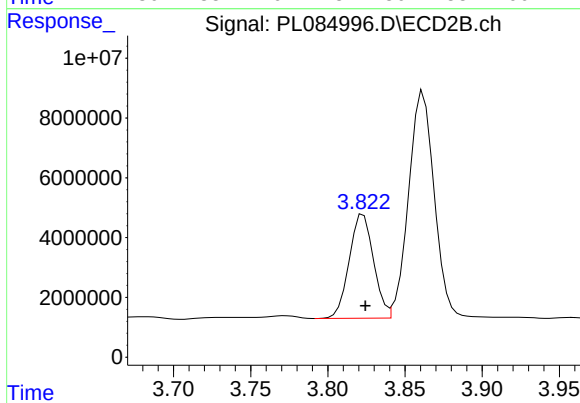
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: -0.002 min
Response: 78080507
Conc: 53.72 ng/ml



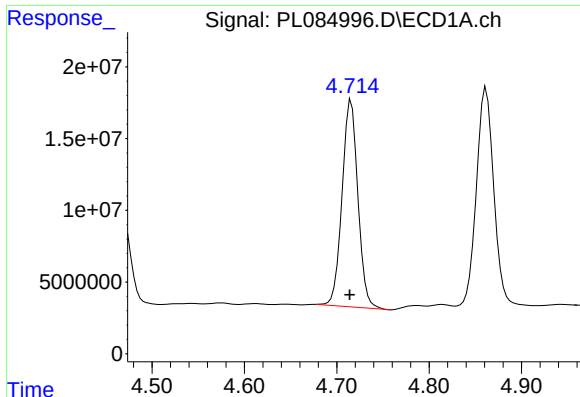
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.001 min
Response: 74956372
Conc: 53.66 ng/ml m



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: -0.001 min
Response: 38169805
Conc: 56.97 ng/ml



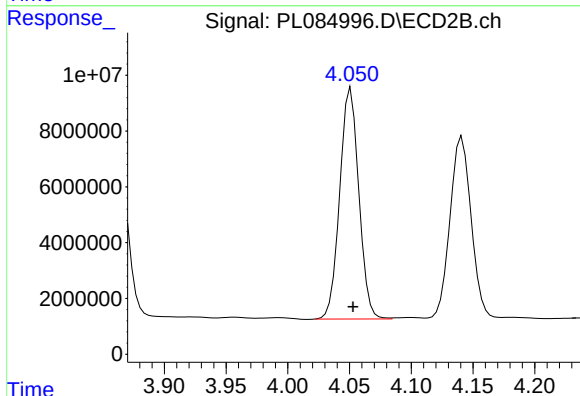
#7 delta-BHC

R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 172063552
Conc: 53.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-W-20230822MSD

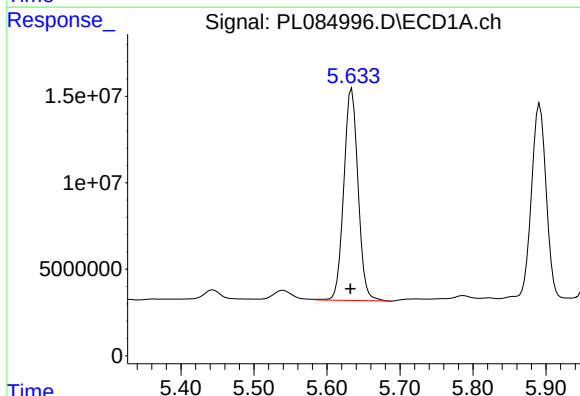
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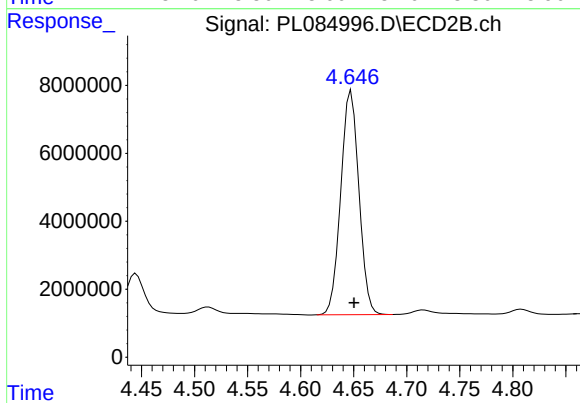
#7 delta-BHC

R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 89115428
Conc: 58.70 ng/ml



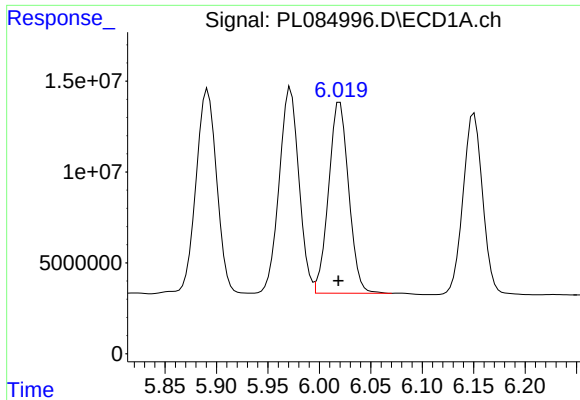
#8 Heptachlor epoxide

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 166354192
Conc: 55.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.648 min
Delta R.T.: -0.003 min
Response: 78365970
Conc: 59.06 ng/ml



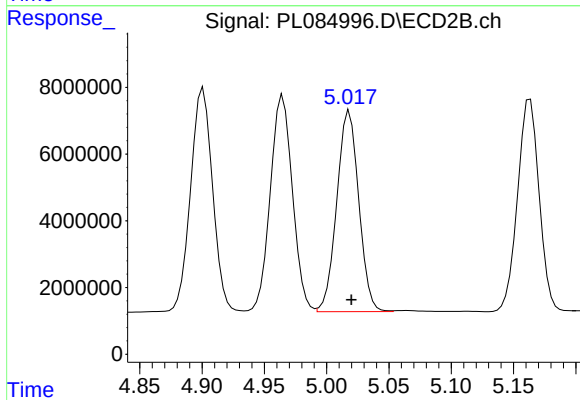
#9 Endosulfan I

R.T.: 6.020 min
Delta R.T.: 0.001 min
Response: 143065410
Conc: 54.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-W-20230822MSD

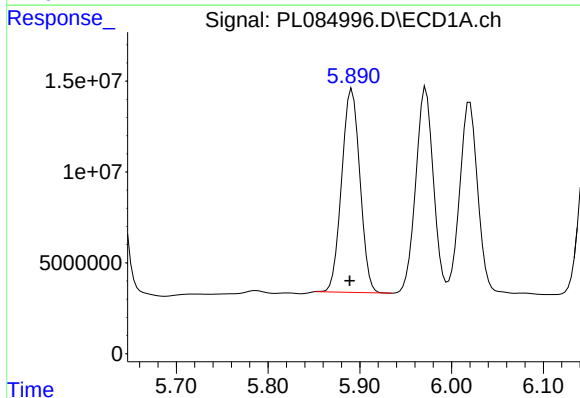
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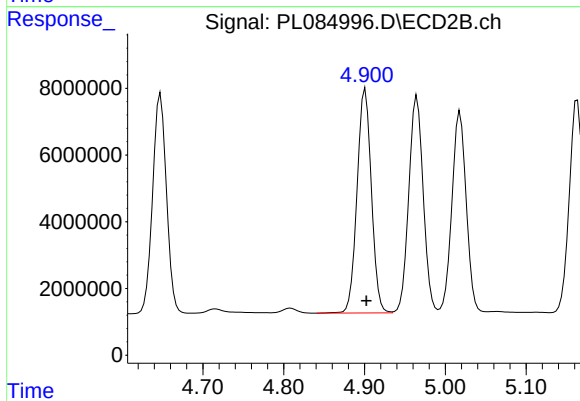
#9 Endosulfan I

R.T.: 5.018 min
Delta R.T.: -0.002 min
Response: 74181739
Conc: 59.86 ng/ml



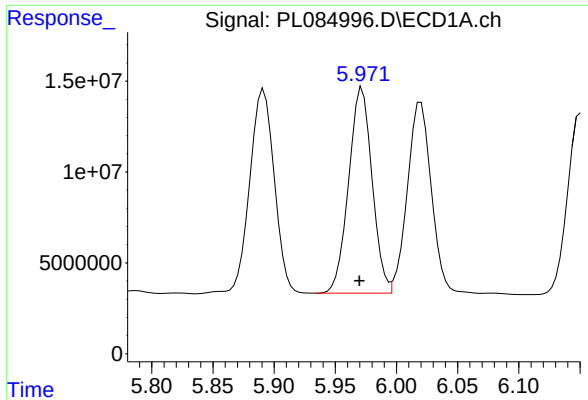
#10 gamma-Chlordane

R.T.: 5.891 min
Delta R.T.: 0.002 min
Response: 154401763
Conc: 53.92 ng/ml



#10 gamma-Chlordane

R.T.: 4.901 min
Delta R.T.: -0.002 min
Response: 82710275
Conc: 60.98 ng/ml



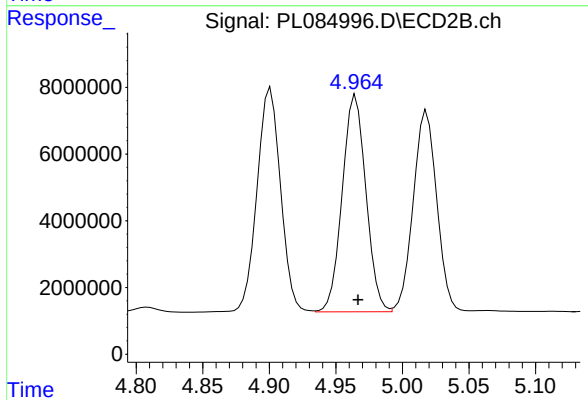
#11 alpha-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.002 min
Response: 150943138
Conc: 53.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-W-20230822MSD

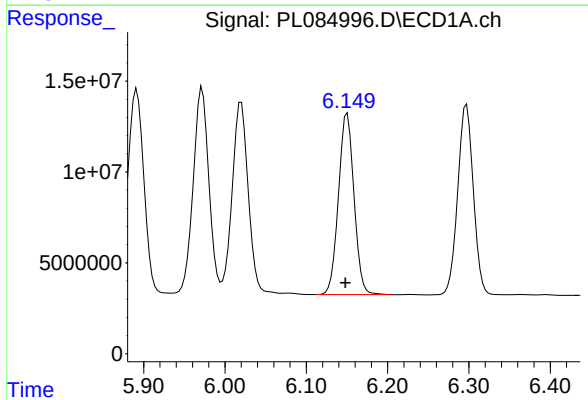
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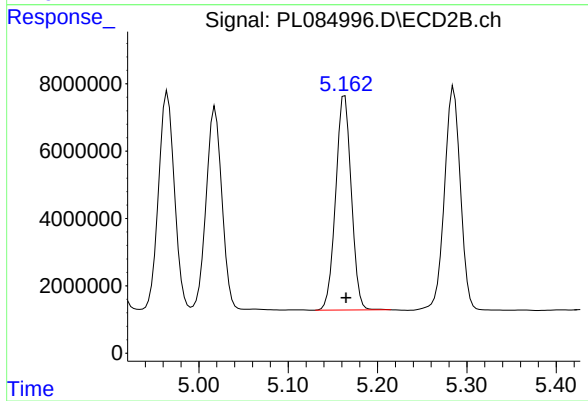
#11 alpha-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 80512830
Conc: 59.09 ng/ml



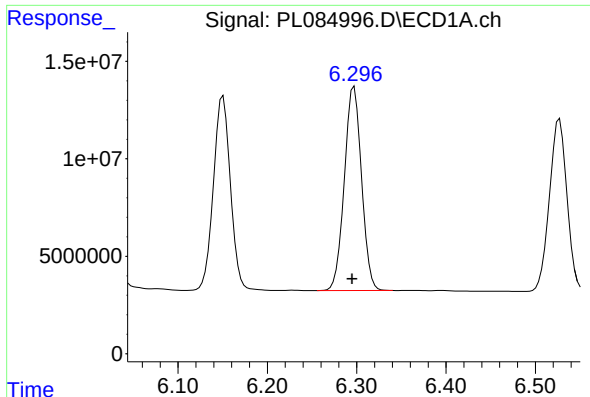
#12 4,4'-DDE

R.T.: 6.150 min
Delta R.T.: 0.002 min
Response: 132088972
Conc: 57.55 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 77193499
Conc: 62.68 ng/ml



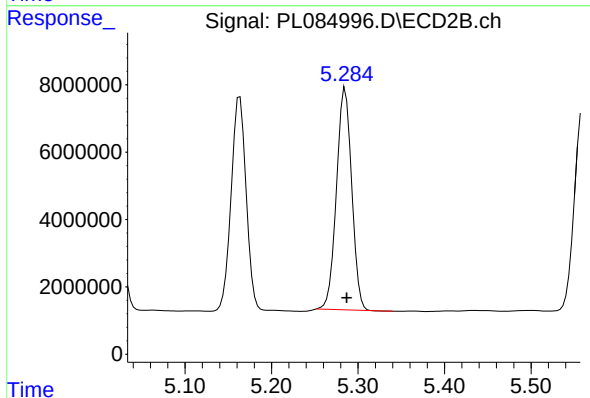
#13 Dieldrin

R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 140007560
Conc: 52.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-W-20230822MSD

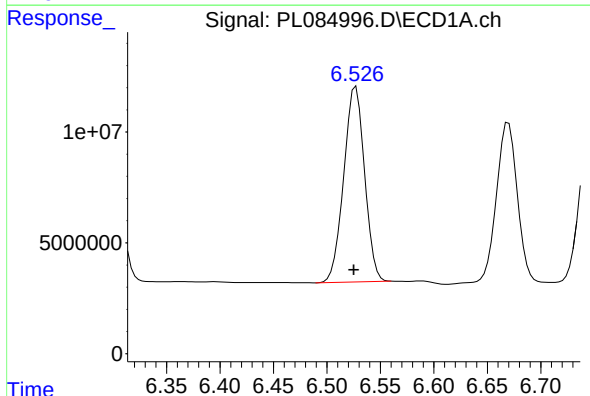
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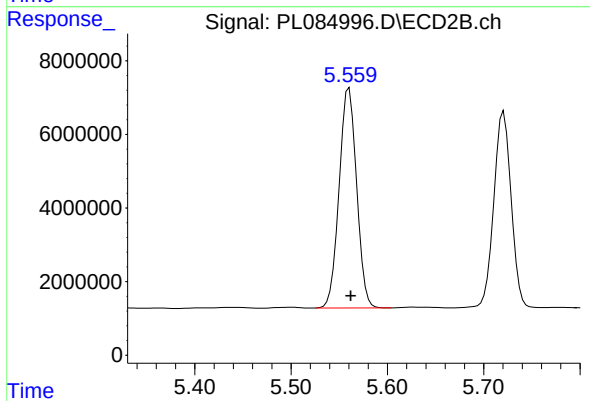
#13 Dieldrin

R.T.: 5.285 min
Delta R.T.: -0.001 min
Response: 80019806
Conc: 58.93 ng/ml



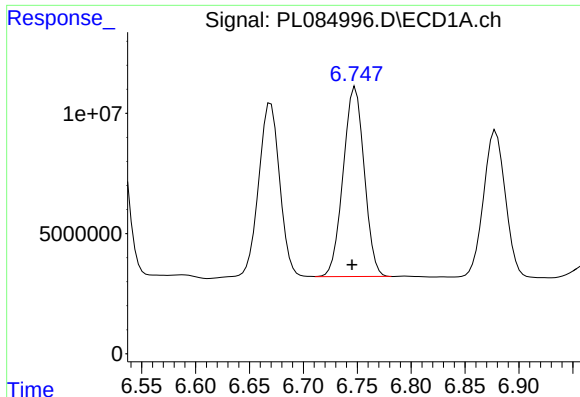
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 119607733
Conc: 54.84 ng/ml



#14 Endrin

R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 75273115
Conc: 61.54 ng/ml



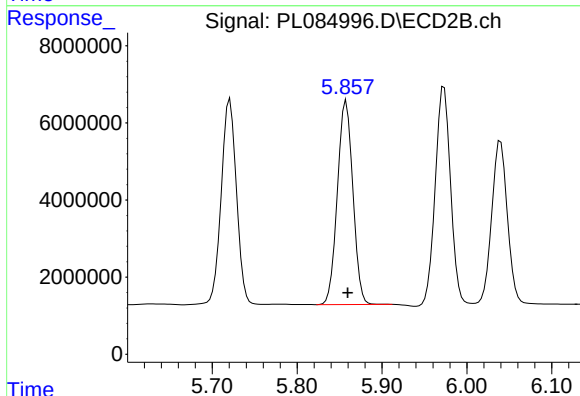
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: 0.003 min
Response: 107377926
Conc: 50.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-W-20230822MSD

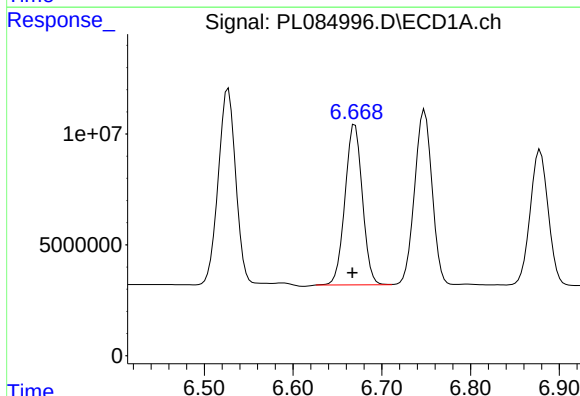
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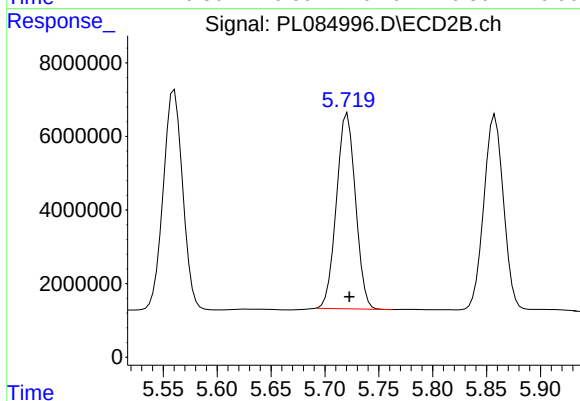
#15 Endosulfan II

R.T.: 5.858 min
Delta R.T.: -0.002 min
Response: 66980569
Conc: 55.51 ng/ml



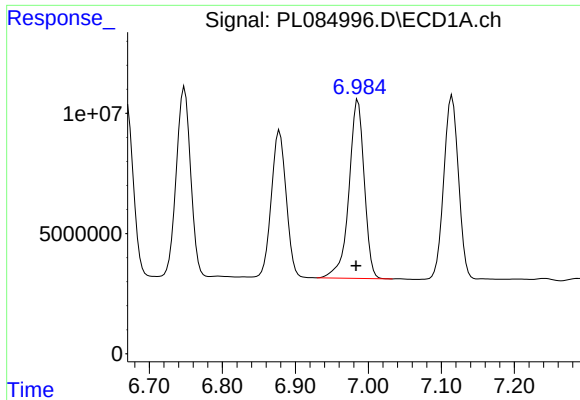
#16 4,4'-DDD

R.T.: 6.670 min
Delta R.T.: 0.003 min
Response: 98382269
Conc: 58.68 ng/ml



#16 4,4'-DDD

R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 65280661
Conc: 63.18 ng/ml



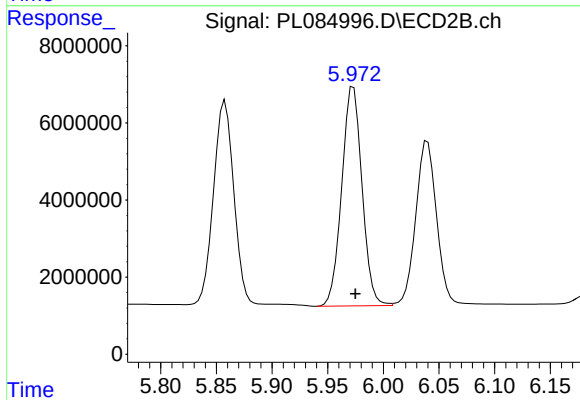
#17 4,4'-DDT

R.T.: 6.986 min
Delta R.T.: 0.003 min
Response: 108130655
Conc: 57.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-W-20230822MSD

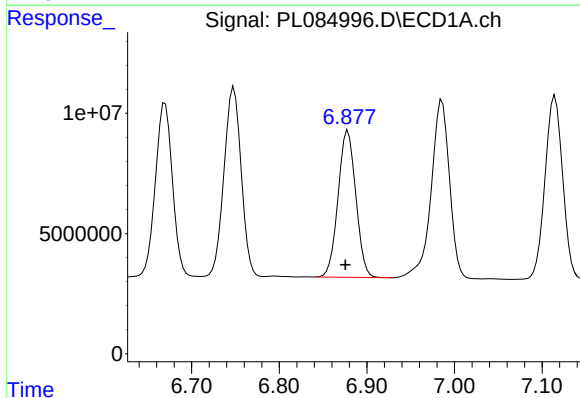
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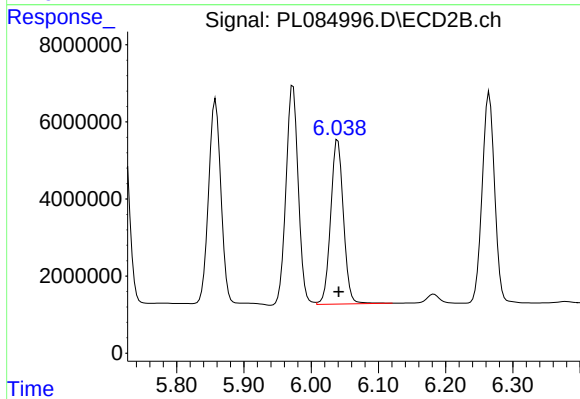
#17 4,4'-DDT

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 72207634
Conc: 62.22 ng/ml



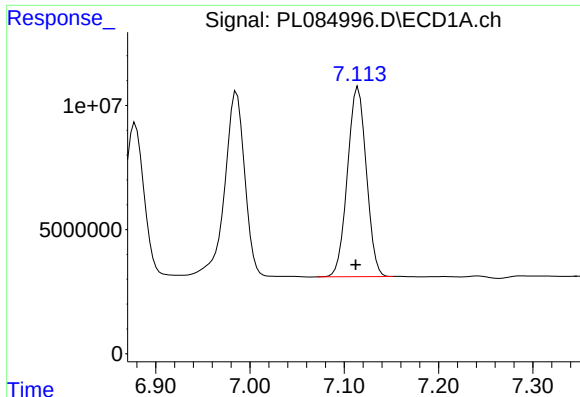
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.003 min
Response: 86045991
Conc: 51.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 55807110
Conc: 56.27 ng/ml



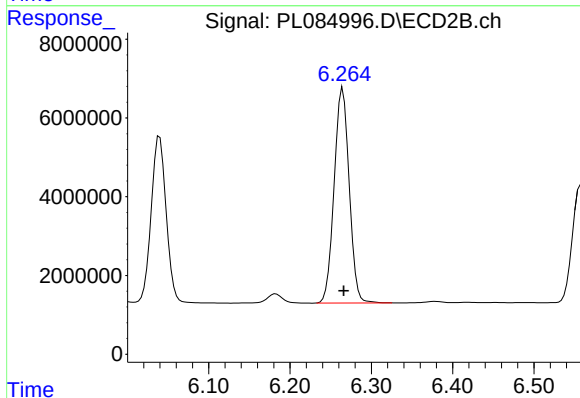
#19 Endosulfan Sulfate

R.T.: 7.115 min
Delta R.T.: 0.003 min
Response: 106368099
Conc: 53.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-W-20230822MSD

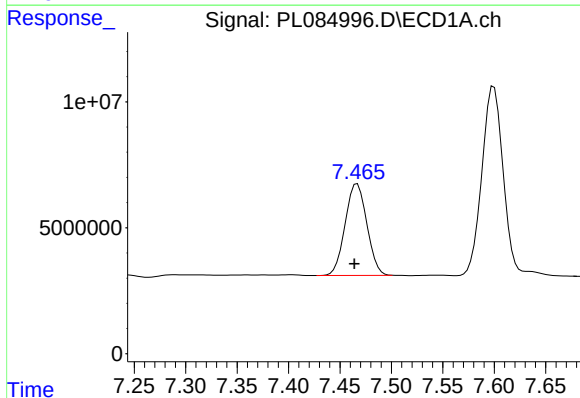
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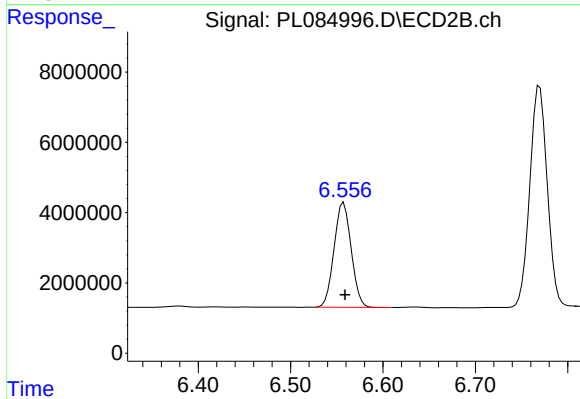
#19 Endosulfan Sulfate

R.T.: 6.265 min
Delta R.T.: -0.001 min
Response: 70211690
Conc: 59.04 ng/ml



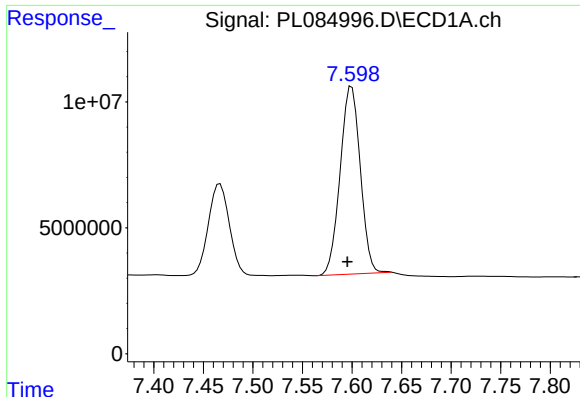
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 53477528
Conc: 55.72 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 38374145
Conc: 55.93 ng/ml



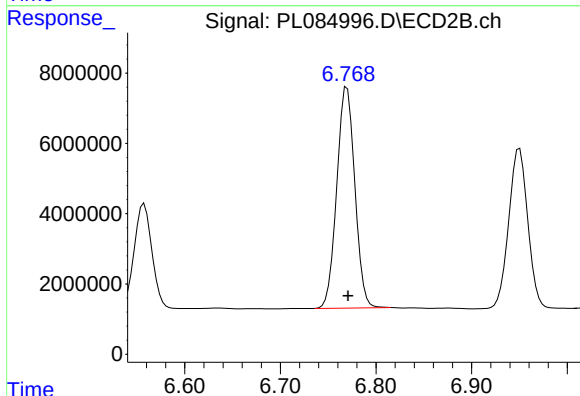
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.004 min
Response: 105607002
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-W-20230822MSD

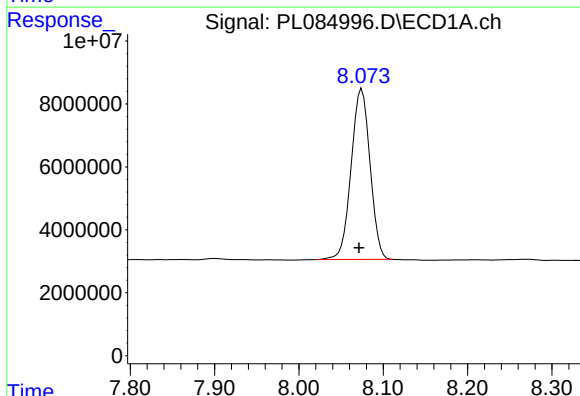
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/28/2023
Supervised By :Ankita Jodhani 08/28/2023



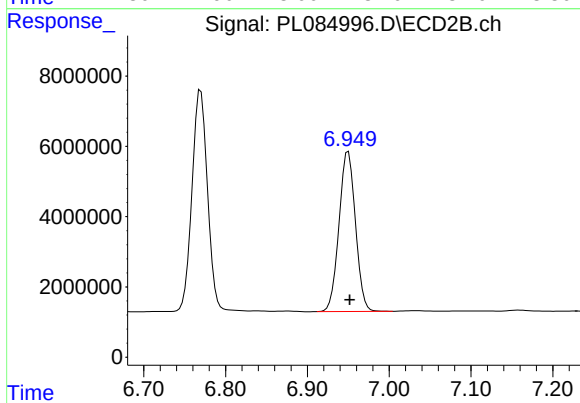
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 82688411
Conc: 57.31 ng/ml



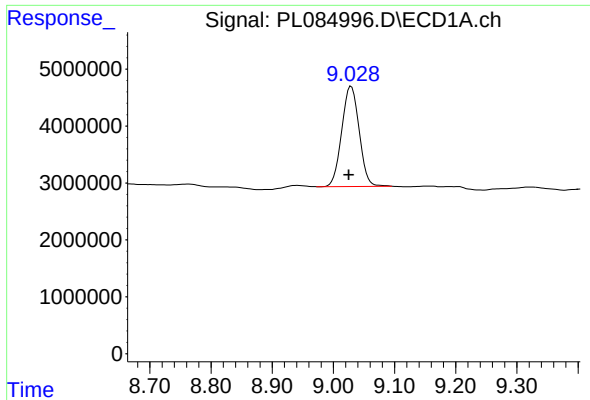
#22 Mirex

R.T.: 8.075 min
Delta R.T.: 0.003 min
Response: 84558637
Conc: 50.91 ng/ml



#22 Mirex

R.T.: 6.950 min
Delta R.T.: -0.002 min
Response: 63271200
Conc: 54.86 ng/ml



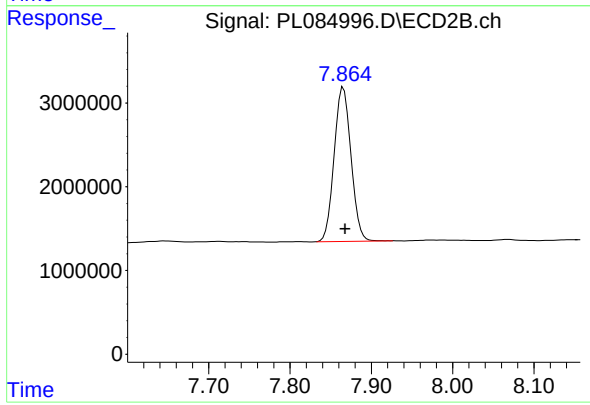
#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.004 min
Response: 34843868
Conc: 21.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-W-20230822MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.866 min
Delta R.T.: -0.002 min
Response: 26584707
Conc: 21.32 ng/ml