

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102023\
 Data File : PL086075.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 19:39
 Operator : AR\AJ
 Sample : 04974-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/23/2023
 Supervised By :Ankita Jodhani 10/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 22:40:47 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...	3.355	2.622	50545775	15943112	16.995	17.068
28)	SA Decachlor...	8.858	7.774	43810915	19897350	20.115	21.558
Target Compounds							
2)	A alpha-BHC	3.809	3.120	222.6E6	65644724	51.870	52.176
3)	MA gamma-BHC...	4.140	3.447	213.9E6	65466951	51.752m	53.081m
4)	MA Heptachlor	4.727	3.784	206.4E6	65558181	53.363m	56.367
5)	MB Aldrin	5.067	4.060	208.4E6	66751949	53.766m	59.692
6)	B beta-BHC	4.344	3.749	88926251	28573715	53.777	54.887
7)	B delta-BHC	4.587	3.975	205.5E6	64829345	53.599	56.424
8)	B Heptachlo...	5.498	4.565	181.2E6	59695454	52.517	59.434
9)	A Endosulfan I	5.882	4.933	171.2E6	54168113	52.932	50.495
10)	B gamma-Chl...	5.755	4.817	199.3E6	61834358	58.251	62.435
11)	B alpha-Chl...	5.835	4.881	184.1E6	61468395	53.870	56.355
12)	B 4,4'-DDE	6.019	5.080	166.2E6	54330551	59.429	66.165
13)	MA Dieldrin	6.159	5.199	174.2E6	63330272	53.011	65.274
14)	MA Endrin	6.387	5.473	161.2E6	56769325	56.581	63.147
15)	B Endosulfa...	6.610	5.770	152.1E6	55974281	55.195	58.862
16)	A 4,4'-DDD	6.538	5.636	134.7E6	45011960	66.866	64.668
17)	MA 4,4'-DDT	6.851	5.887	142.6E6	55841845	60.512m	70.619
18)	B Endrin al...	6.742	5.951	118.2E6	45664324	58.342	61.236
19)	B Endosulfa...	6.978	6.177	142.2E6	52859364	56.649	58.595
20)	A Methoxychlor	7.337	6.472	80712614	32512571	57.791	61.802
21)	B Endrin ke...	7.460	6.678	154.3E6	63811041	53.572	55.516
22)	Mirex	7.932	6.855	138.4E6	60728540	62.515	64.388

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102023\
Data File : PL086075.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2023 19:39
Operator : AR\AJ
Sample : 04974-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

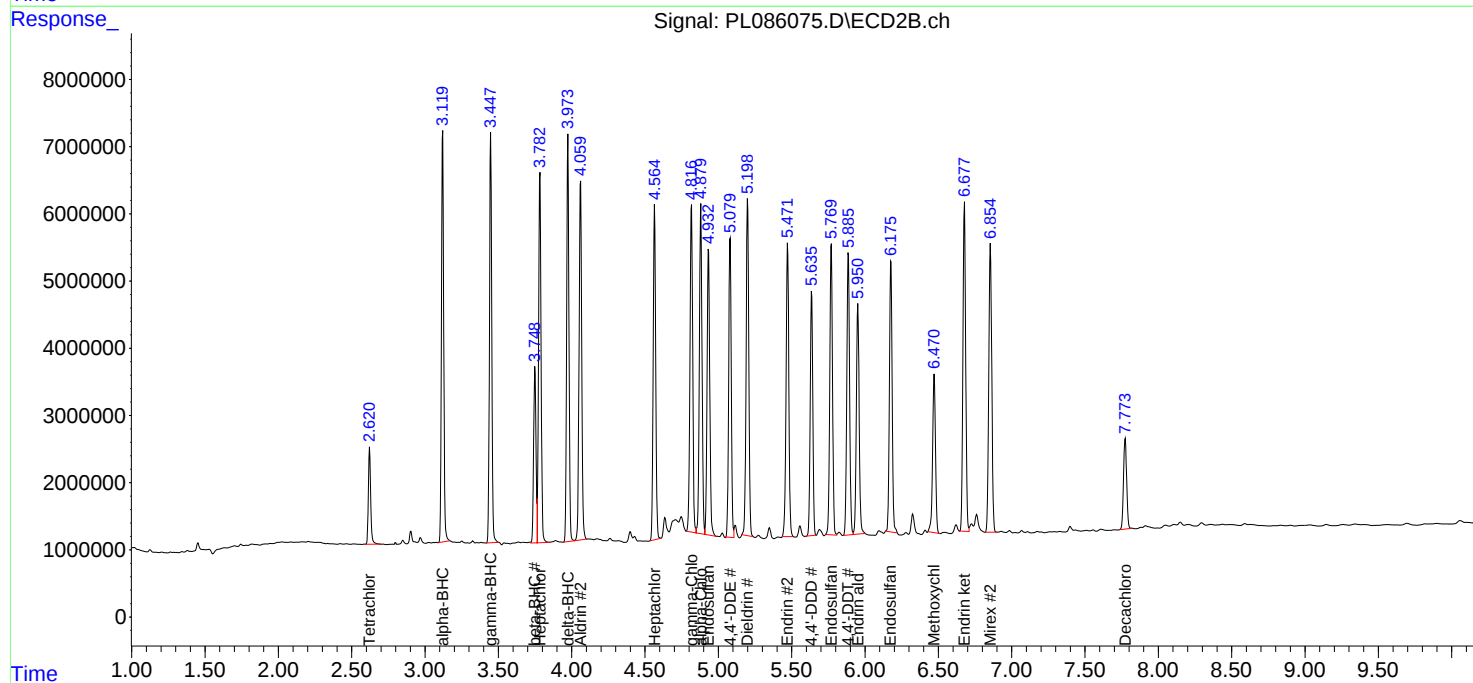
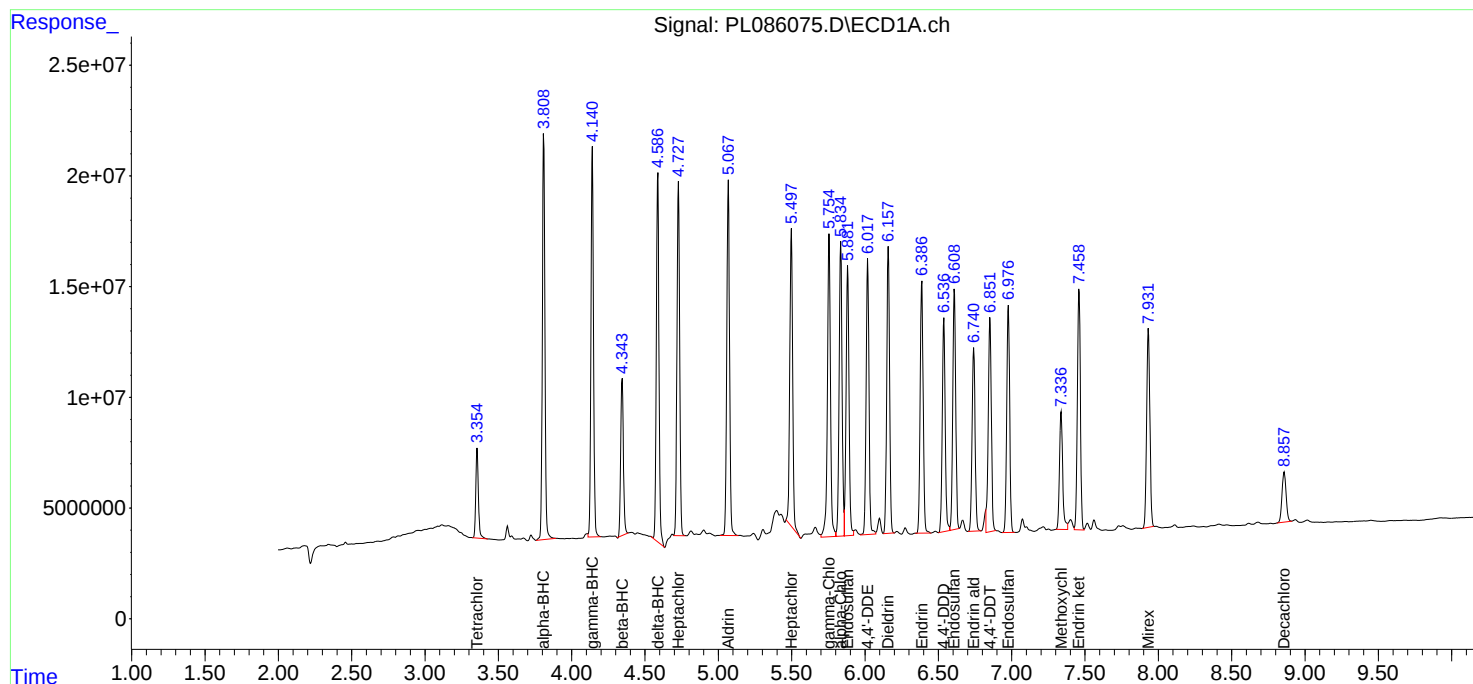
Instrument :
ECD_L
ClientSampleId :
TP-4MSD

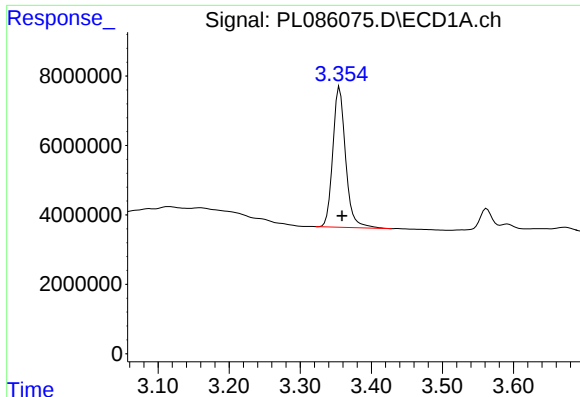
Manual Integrations
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Supervised By :Ankita Jodhani 10/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 22:40:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 2023
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





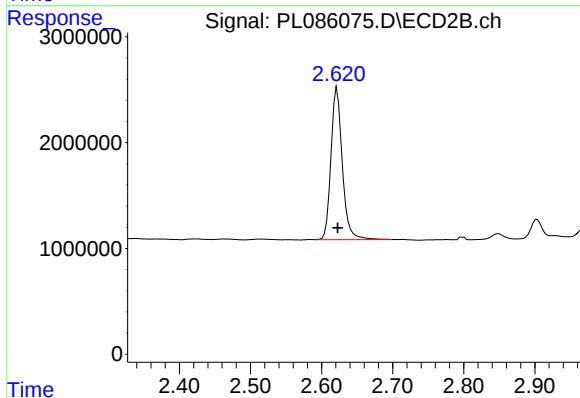
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 50545775
Conc: 16.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

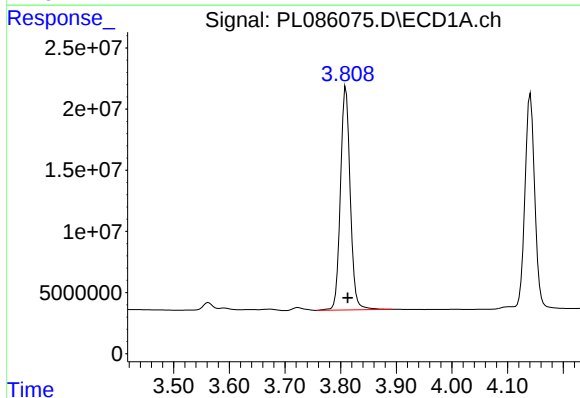
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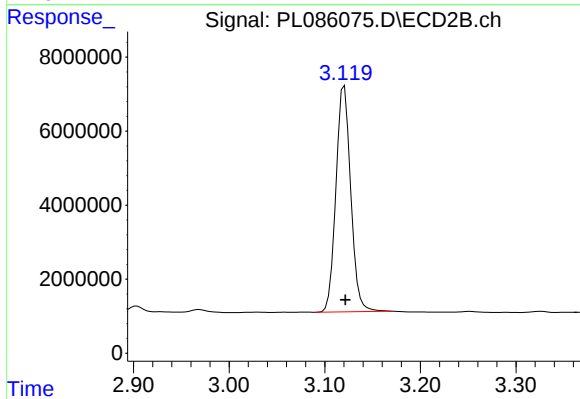
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 15943112
Conc: 17.07 ng/ml



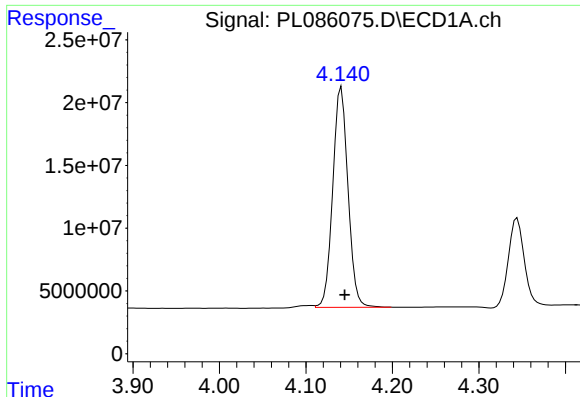
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 222621835
Conc: 51.87 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.001 min
Response: 65644724
Conc: 52.18 ng/ml



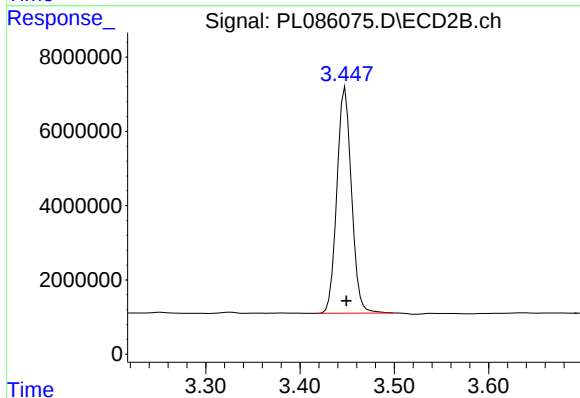
#3 gamma-BHC (Lindane)

R.T.: 4.140 min
Delta R.T.: -0.005 min
Response: 213908608
Conc: 51.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

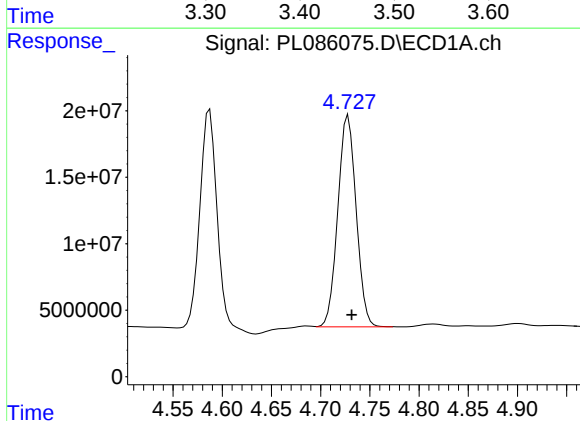
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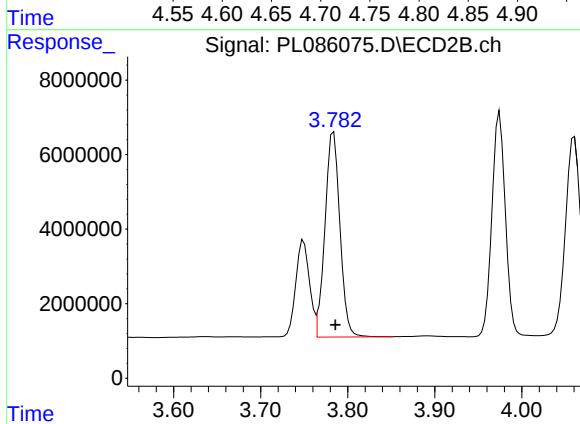
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 65466951
Conc: 53.08 ng/ml m



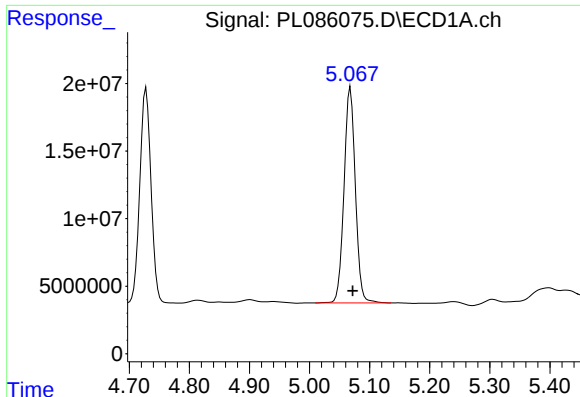
#4 Heptachlor

R.T.: 4.727 min
Delta R.T.: -0.005 min
Response: 206386019
Conc: 53.36 ng/ml m



#4 Heptachlor

R.T.: 3.784 min
Delta R.T.: -0.002 min
Response: 65558181
Conc: 56.37 ng/ml



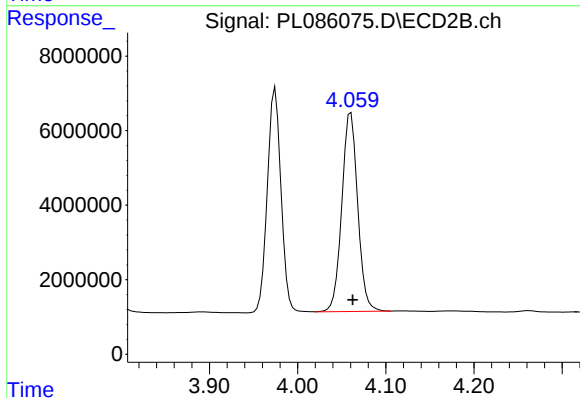
#5 Aldrin

R.T.: 5.067 min
Delta R.T.: -0.005 min
Response: 208414083
Conc: 53.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

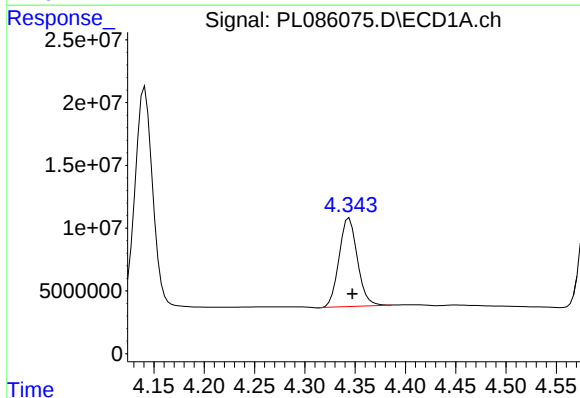
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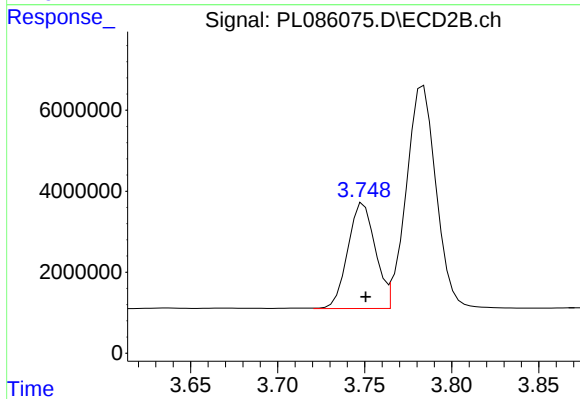
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 66751949
Conc: 59.69 ng/ml



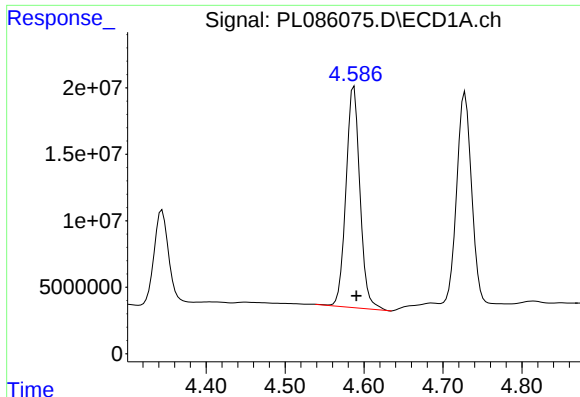
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 88926251
Conc: 53.78 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.001 min
Response: 28573715
Conc: 54.89 ng/ml



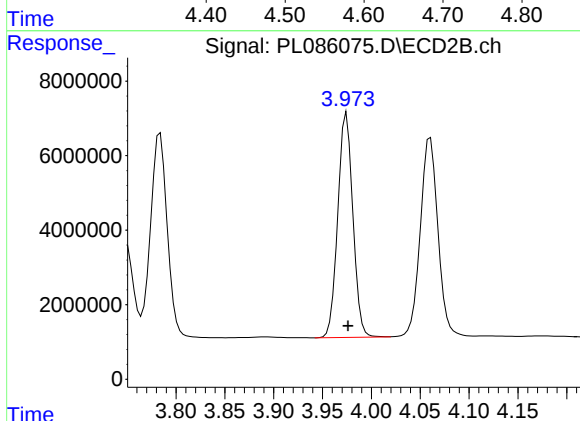
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 205520021
Conc: 53.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

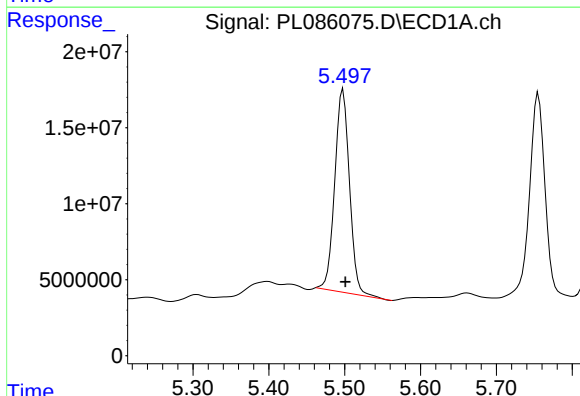
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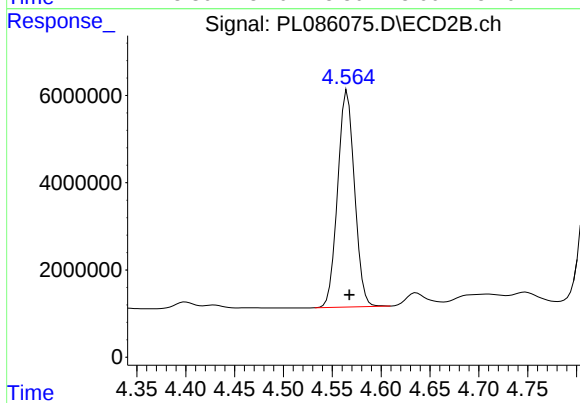
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: -0.001 min
Response: 64829345
Conc: 56.42 ng/ml



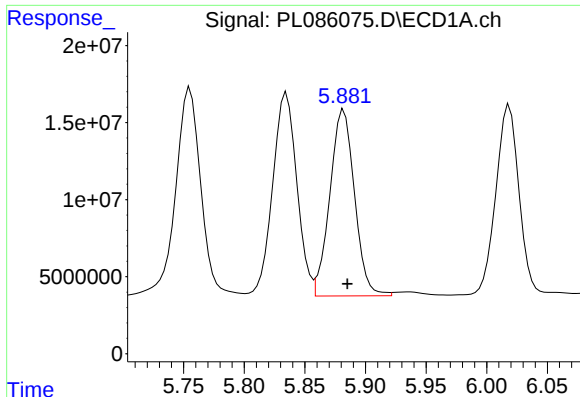
#8 Heptachlor epoxide

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 181173803
Conc: 52.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.002 min
Response: 59695454
Conc: 59.43 ng/ml



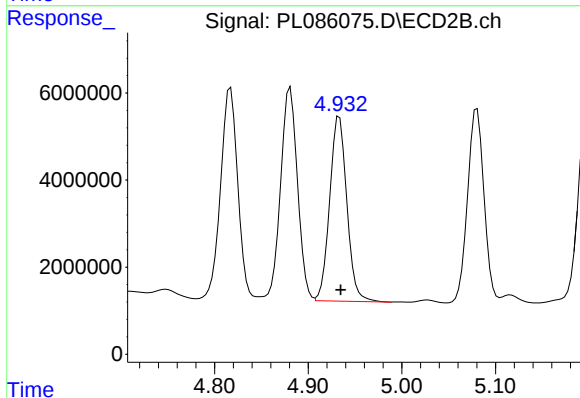
#9 Endosulfan I

R.T.: 5.882 min
Delta R.T.: -0.003 min
Response: 171184317
Conc: 52.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

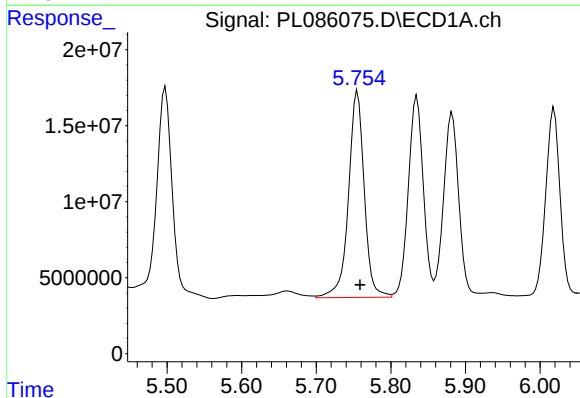
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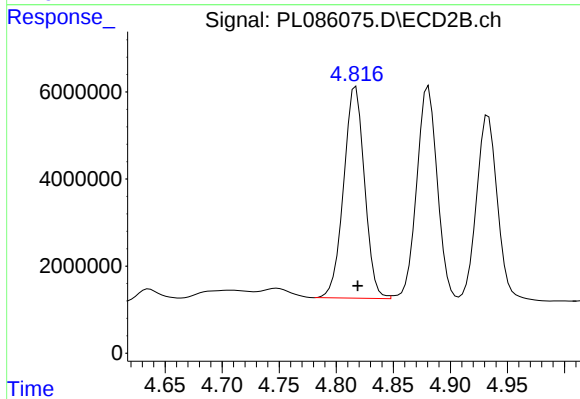
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.001 min
Response: 54168113
Conc: 50.50 ng/ml



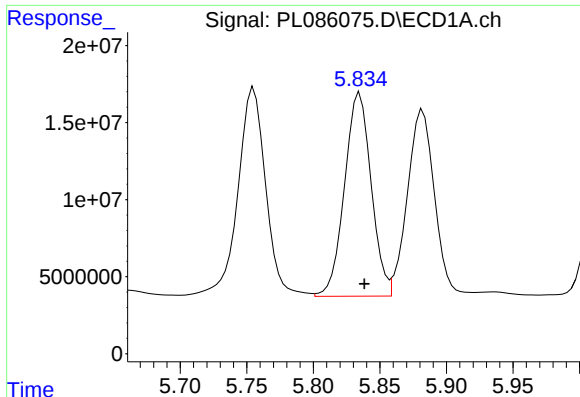
#10 gamma-Chlordane

R.T.: 5.755 min
Delta R.T.: -0.004 min
Response: 199299696
Conc: 58.25 ng/ml



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 61834358
Conc: 62.43 ng/ml



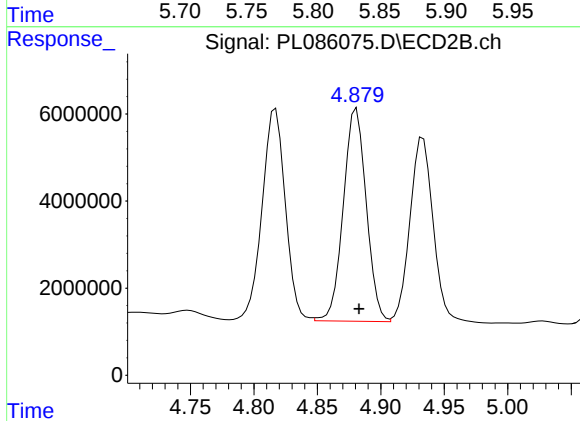
#11 alpha-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.003 min
Response: 184109816
Conc: 53.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

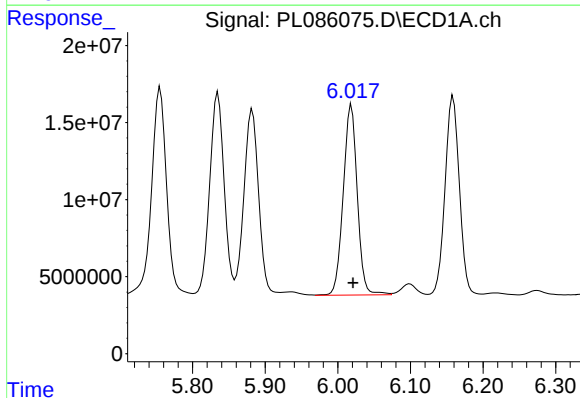
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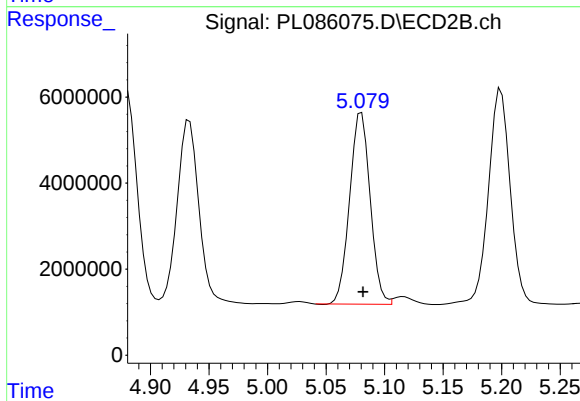
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.002 min
Response: 61468395
Conc: 56.36 ng/ml



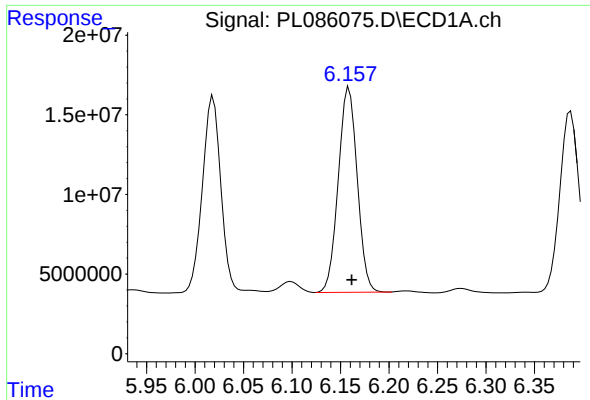
#12 4,4'-DDE

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 166196503
Conc: 59.43 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.001 min
Response: 54330551
Conc: 66.17 ng/ml



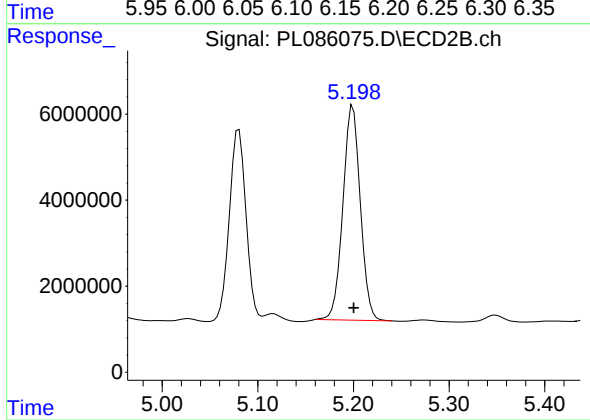
#13 Dieldrin

R.T.: 6.159 min
Delta R.T.: -0.003 min
Response: 174191784
Conc: 53.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

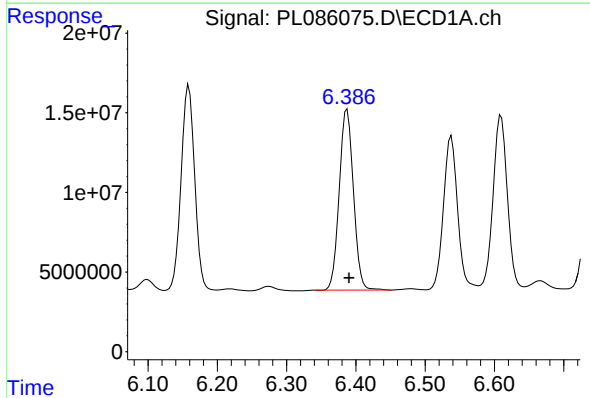
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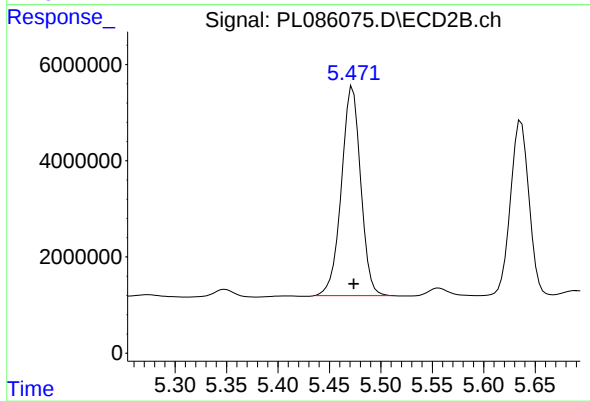
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: -0.001 min
Response: 63330272
Conc: 65.27 ng/ml



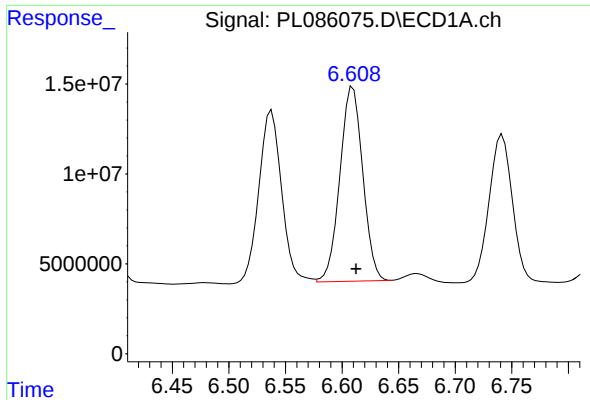
#14 Endrin

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 161241832
Conc: 56.58 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 56769325
Conc: 63.15 ng/ml



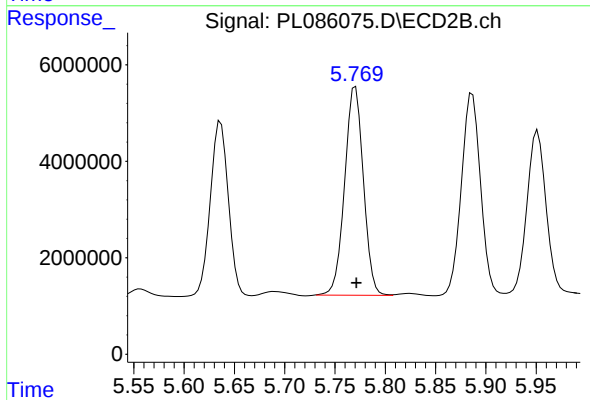
#15 Endosulfan II

R.T.: 6.610 min
Delta R.T.: -0.003 min
Response: 152088774
Conc: 55.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

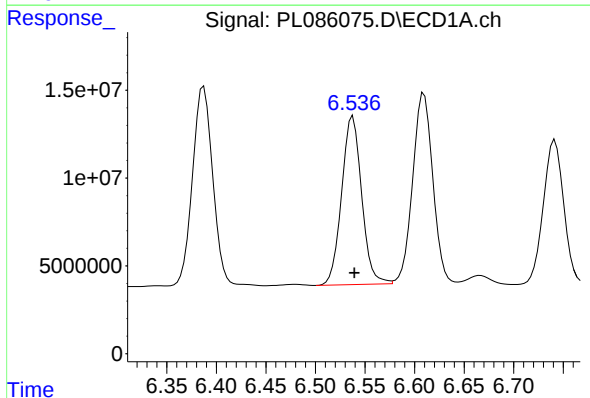
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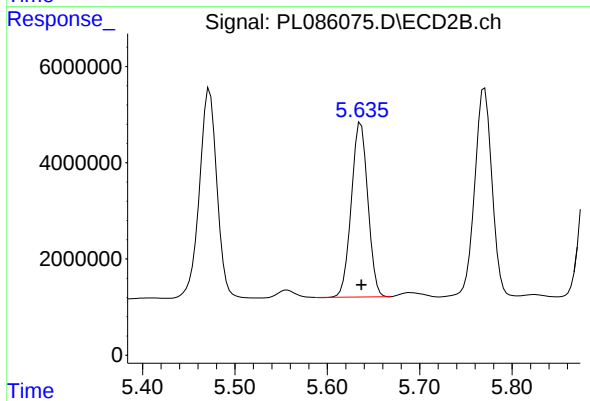
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 55974281
Conc: 58.86 ng/ml



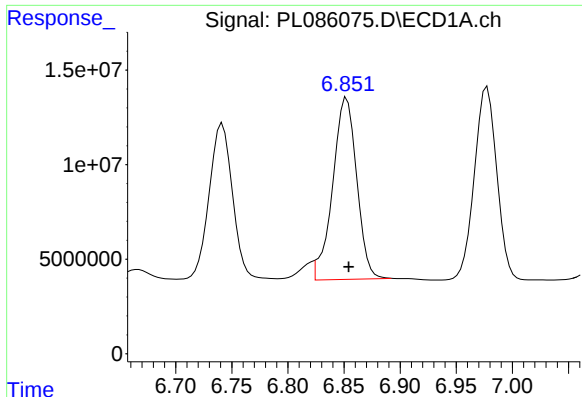
#16 4,4'-DDD

R.T.: 6.538 min
Delta R.T.: -0.002 min
Response: 134712246
Conc: 66.87 ng/ml



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 45011960
Conc: 64.67 ng/ml



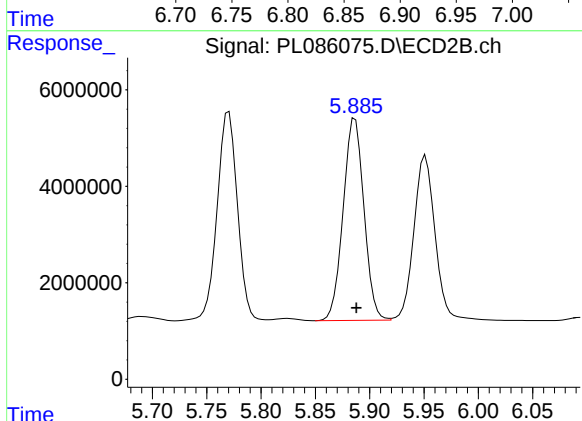
#17 4,4'-DDT

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 142633641
Conc: 60.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

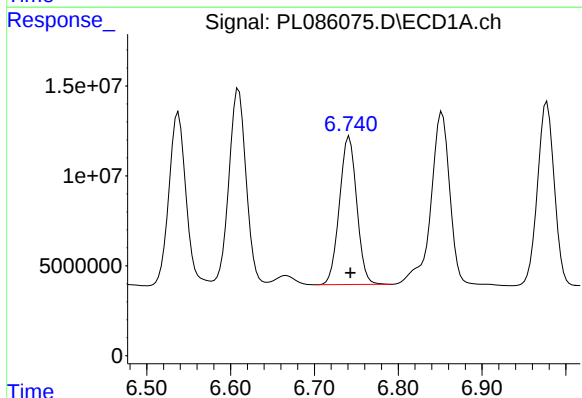
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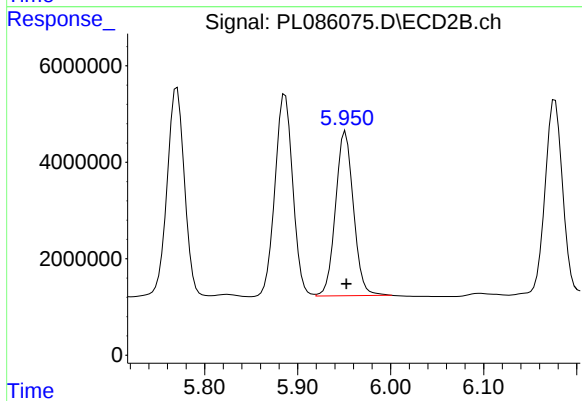
#17 4,4'-DDT

R.T.: 5.887 min
Delta R.T.: -0.001 min
Response: 55841845
Conc: 70.62 ng/ml



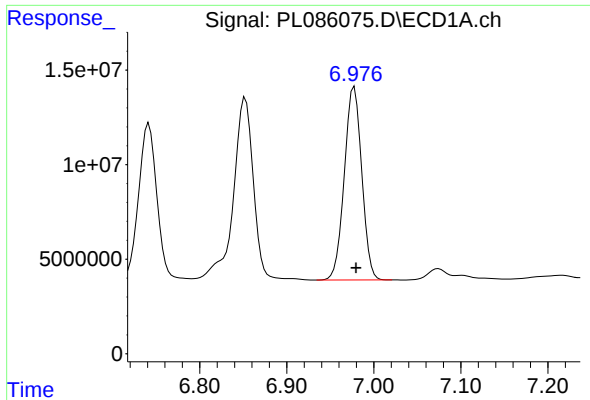
#18 Endrin aldehyde

R.T.: 6.742 min
Delta R.T.: -0.001 min
Response: 118246122
Conc: 58.34 ng/ml



#18 Endrin aldehyde

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 45664324
Conc: 61.24 ng/ml



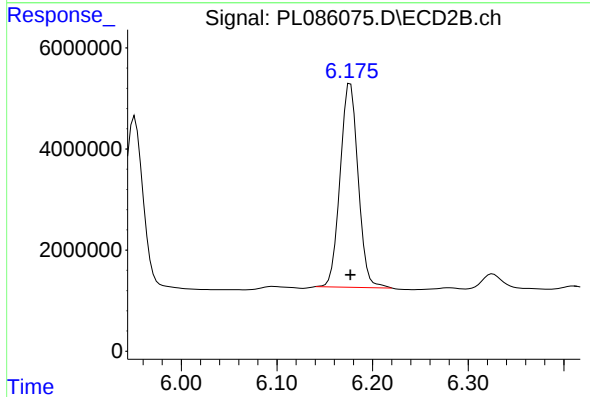
#19 Endosulfan Sulfate

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 142172454
Conc: 56.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

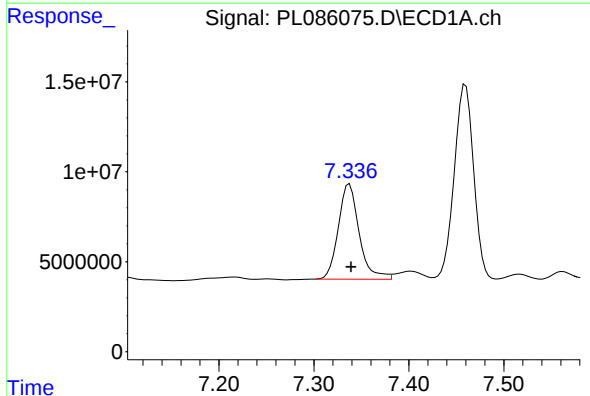
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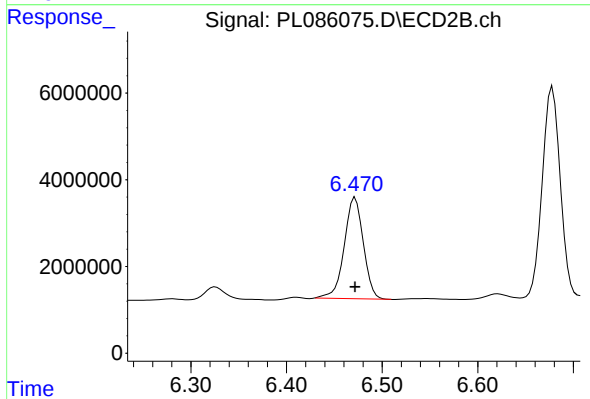
#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 52859364
Conc: 58.59 ng/ml



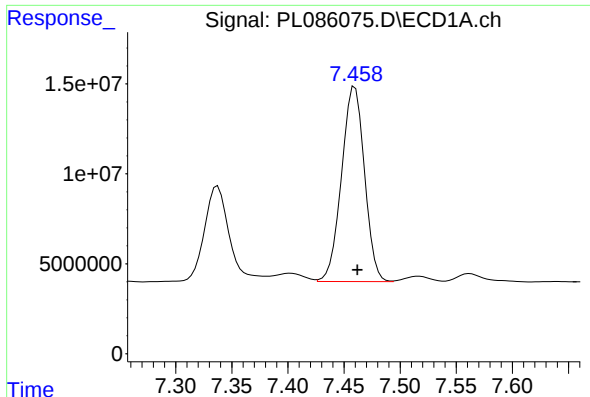
#20 Methoxychlor

R.T.: 7.337 min
Delta R.T.: -0.002 min
Response: 80712614
Conc: 57.79 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 32512571
Conc: 61.80 ng/ml



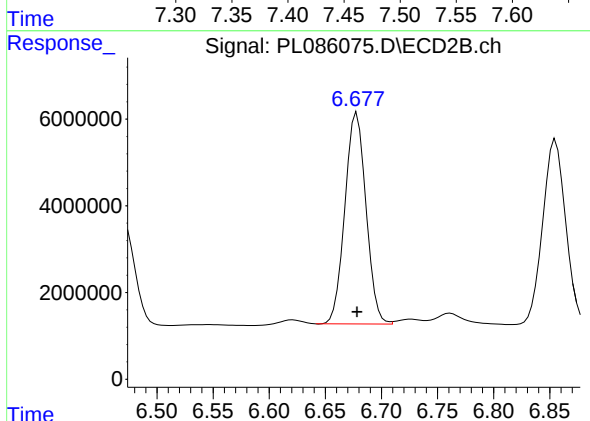
#21 Endrin ketone

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 154302985
Conc: 53.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

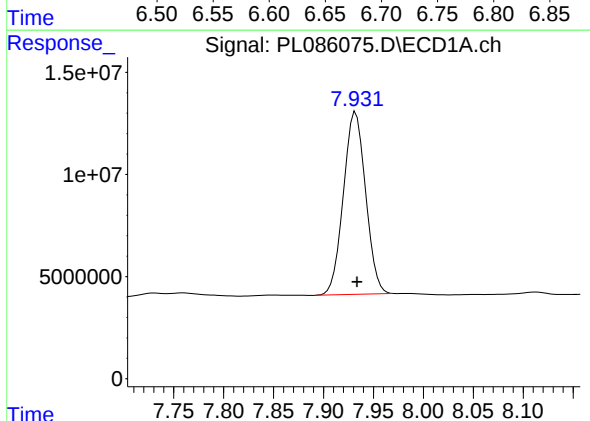
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



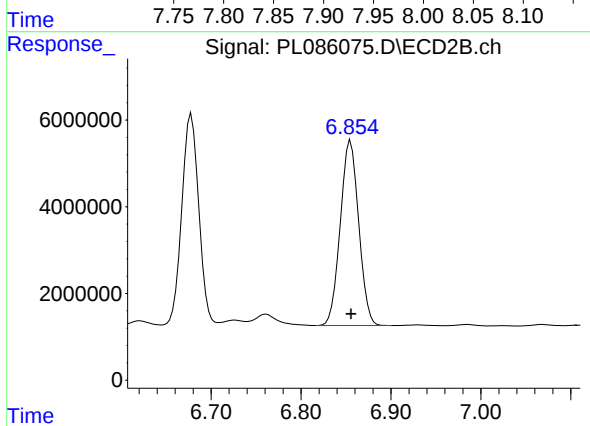
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 63811041
Conc: 55.52 ng/ml



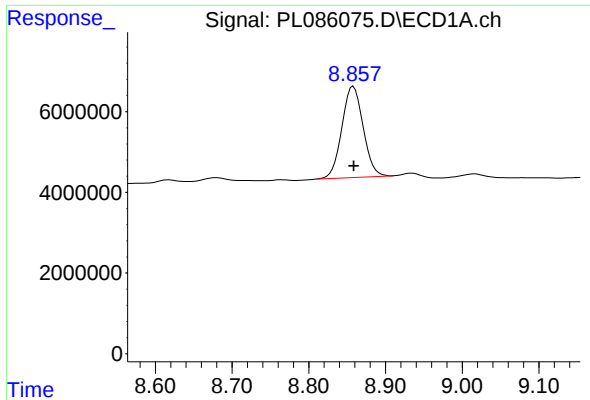
#22 Mirex

R.T.: 7.932 min
Delta R.T.: -0.001 min
Response: 138408300
Conc: 62.52 ng/ml



#22 Mirex

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 60728540
Conc: 64.39 ng/ml



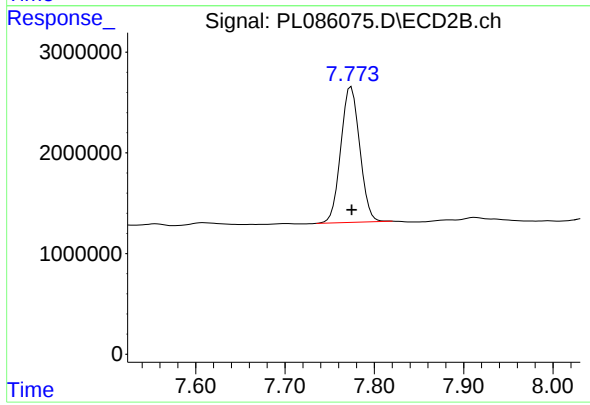
#28 Decachlorobiphenyl

R.T.: 8.858 min
Delta R.T.: 0.000 min
Response: 43810915
Conc: 20.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 19897350
Conc: 21.56 ng/ml