

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121622\  
 Data File : PL079750.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Dec 2022 15:15  
 Operator : AR\AJ  
 Sample : N6071-11MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 16 20:43:54 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 24 00:09:49 2022  
 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... | 3.317  | 2.563 | 44739225 | 55195024 | 19.805   | 20.277    |
| 28)                         | SA Decachlor... | 8.770  | 7.633 | 26248460 | 29919618 | 13.516   | 12.736    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.777  | 3.050 | 174.4E6  | 218.8E6  | 50.716   | 50.734    |
| 3)                          | MA gamma-BHC... | 4.110  | 3.371 | 159.2E6  | 197.8E6  | 49.128   | 50.797    |
| 4)                          | MA Heptachlor   | 4.681  | 3.698 | 163.4E6  | 195.4E6  | 49.590   | 50.789    |
| 5)                          | MB Aldrin       | 5.019  | 3.969 | 159.5E6  | 197.3E6  | 51.348   | 53.138    |
| 6)                          | B beta-BHC      | 4.326  | 3.672 | 67046584 | 72855470 | 47.485   | 48.084    |
| 7)                          | B delta-BHC     | 4.567  | 3.891 | 135.7E6  | 200.2E6  | 48.920   | 52.033    |
| 8)                          | B Heptachlo...  | 5.454  | 4.465 | 140.8E6  | 169.4E6  | 49.317   | 50.180    |
| 9)                          | A Endosulfan I  | 5.838  | 4.828 | 129.4E6  | 160.2E6  | 48.656   | 50.059    |
| 10)                         | B gamma-Chl...  | 5.709  | 4.714 | 142.9E6  | 170.7E6  | 49.959   | 50.440    |
| 11)                         | B alpha-Chl...  | 5.786  | 4.775 | 141.6E6  | 166.8E6  | 49.153   | 49.801    |
| 12)                         | B 4,4'-DDE      | 5.970  | 4.971 | 123.6E6  | 164.8E6  | 49.485   | 53.740    |
| 13)                         | MA Dieldrin     | 6.116  | 5.090 | 136.5E6  | 176.8E6  | 49.755   | 52.449    |
| 14)                         | MA Endrin       | 6.347  | 5.361 | 112.5E6  | 167.6E6  | 46.490   | 55.405    |
| 15)                         | B Endosulfa...  | 6.577  | 5.658 | 113.4E6  | 148.2E6  | 50.220   | 52.947    |
| 16)                         | A 4,4'-DDD      | 6.494  | 5.522 | 98132407 | 126.4E6  | 49.461   | 50.537    |
| 17)                         | MA 4,4'-DDT     | 6.805  | 5.768 | 98759512 | 127.8E6  | 43.538   | 48.883    |
| 18)                         | B Endrin al...  | 6.708  | 5.837 | 93518845 | 117.4E6  | 51.635   | 55.164    |
| 19)                         | B Endosulfa...  | 6.941  | 6.060 | 110.0E6  | 142.6E6  | 47.432   | 50.523    |
| 20)                         | A Methoxychlor  | 7.290  | 6.345 | 52515084 | 67318280 | 43.531   | 49.529    |
| 21)                         | B Endrin ke...  | 7.427  | 6.556 | 108.9E6  | 149.4E6  | 44.142   | 48.501    |
| 22)                         | Mirex           | 7.884  | 6.728 | 86189408 | 108.7E6  | 45.504   | 45.981    |
| 24)                         | Chlordane-2     | 5.019f | 0.000 | 159.5E6  | 0        | 1513.238 | N.D. #    |
| 25)                         | Chlordane-3     | 5.709  | 4.714 | 142.9E6  | 170.7E6  | 344.252  | 510.620 # |
| 26)                         | Chlordane-4     | 5.786  | 4.775 | 141.6E6  | 166.8E6  | 278.382  | 460.295 # |
| 27)                         | Chlordane-5     | 0.000  | 5.449 | 0        | 3682616  | N.D.     | 40.965 #  |
| -----                       |                 |        |       |          |          |          |           |

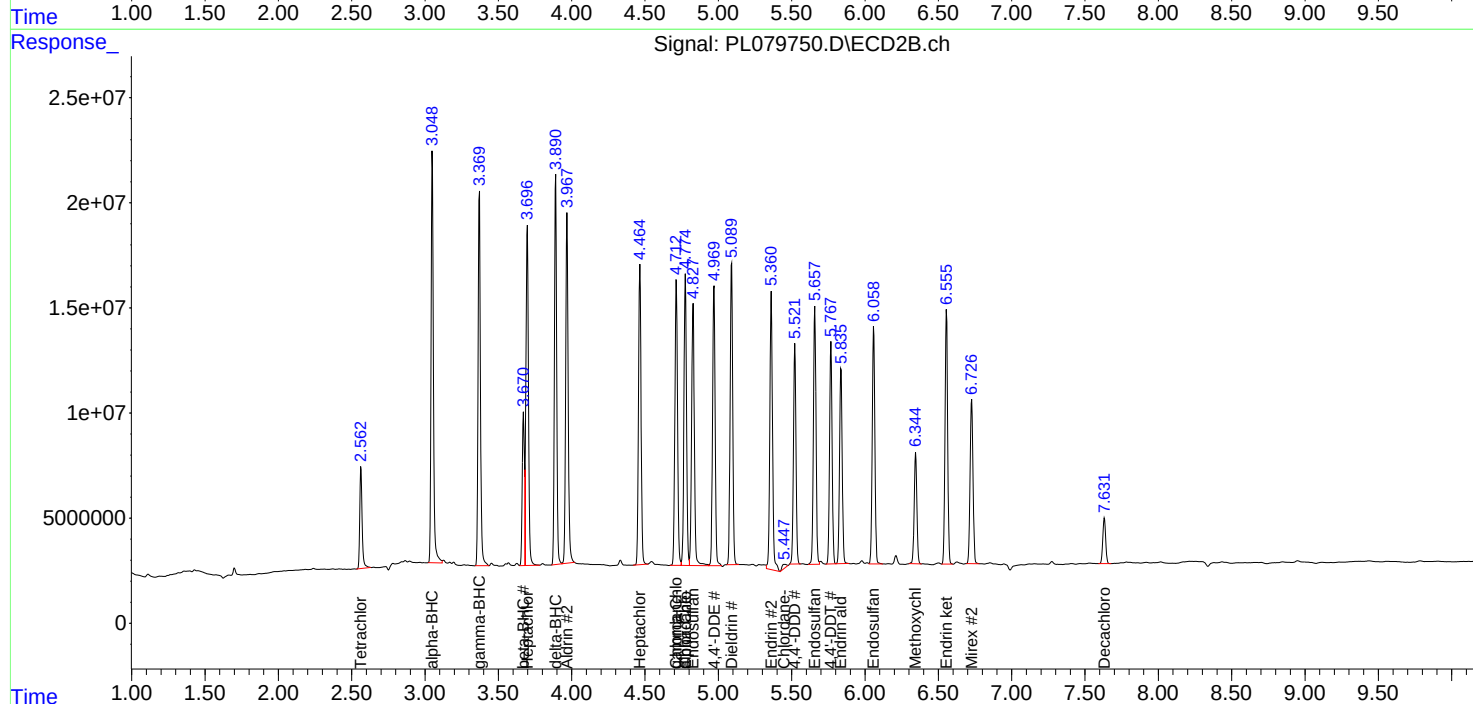
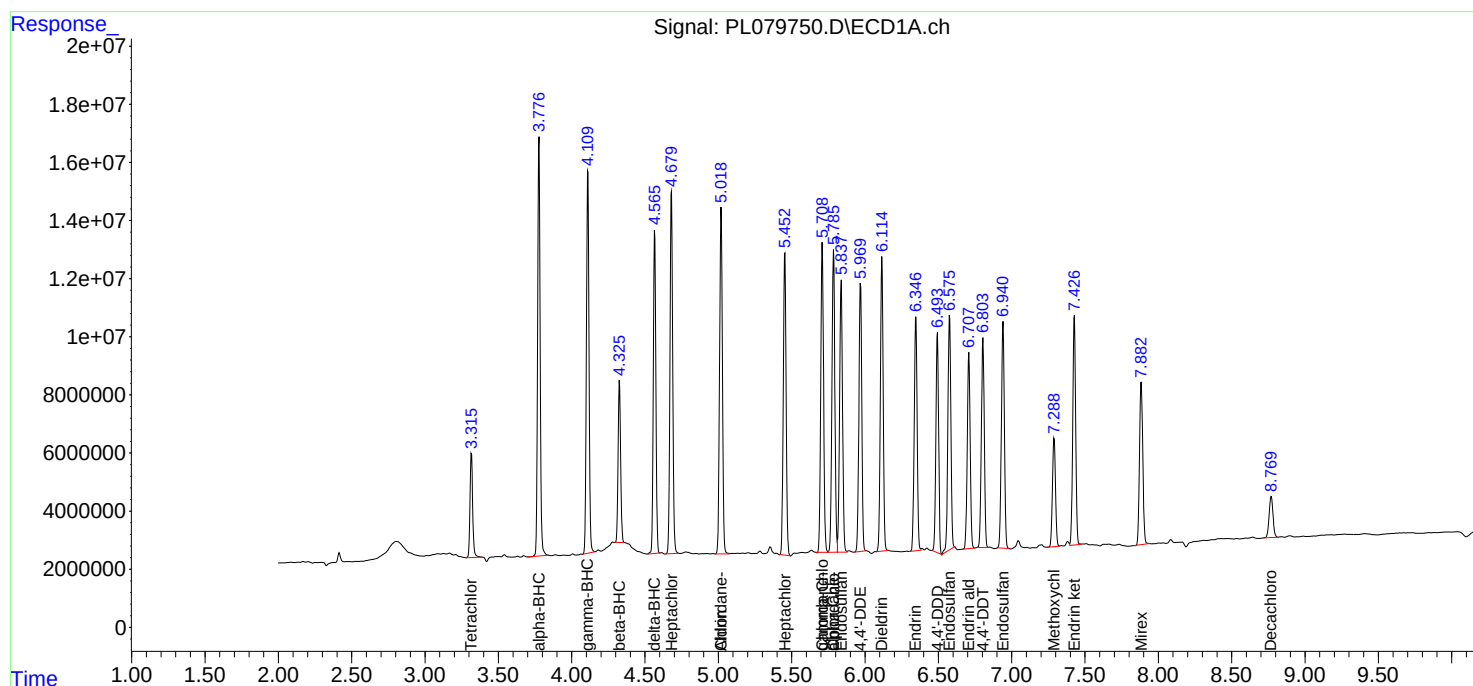
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

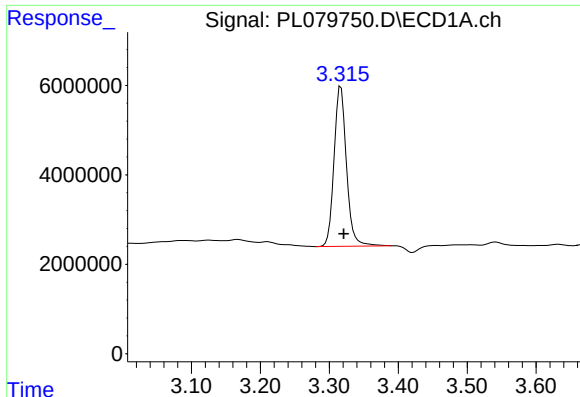
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121622\  
Data File : PL079750.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Dec 2022 15:15  
Operator : AR\AJ  
Sample : N6071-11MSD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 16 20:43:54 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 24 00:09:49 2022  
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

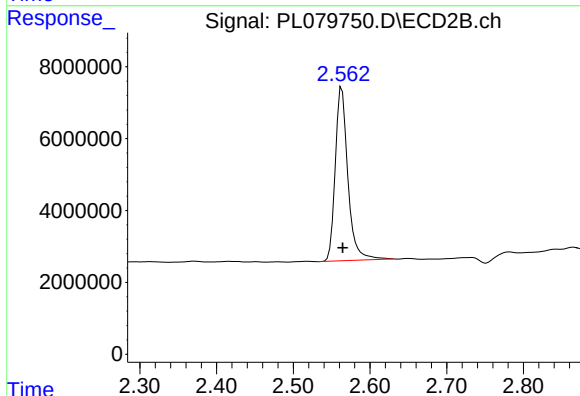




#1 Tetrachloro-m-xylene

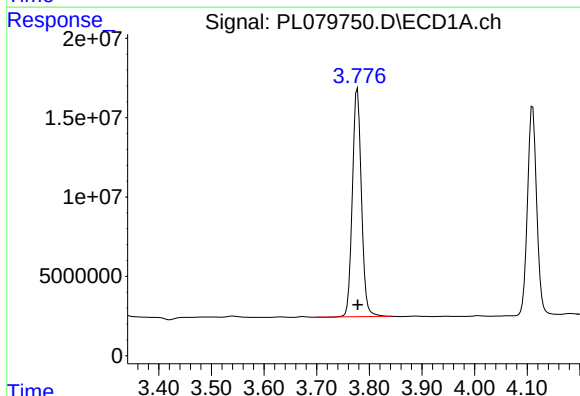
R.T.: 3.317 min  
Delta R.T.: -0.004 min  
Response: 44739225  
Conc: 19.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



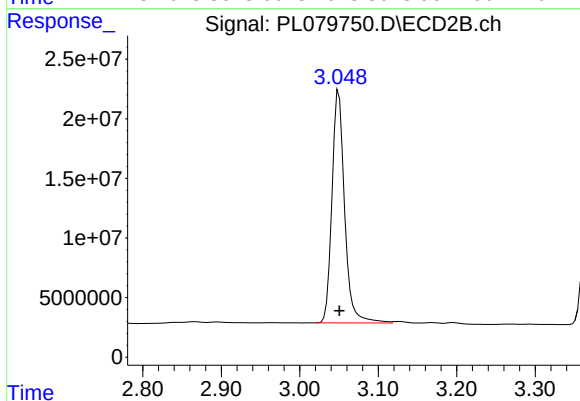
#1 Tetrachloro-m-xylene

R.T.: 2.563 min  
Delta R.T.: -0.001 min  
Response: 55195024  
Conc: 20.28 ng/ml



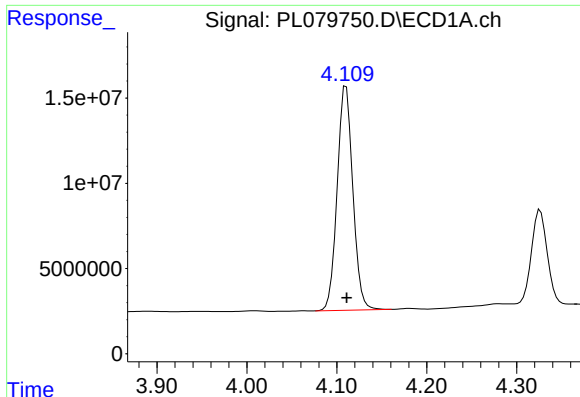
#2 alpha-BHC

R.T.: 3.777 min  
Delta R.T.: 0.000 min  
Response: 174400926  
Conc: 50.72 ng/ml



#2 alpha-BHC

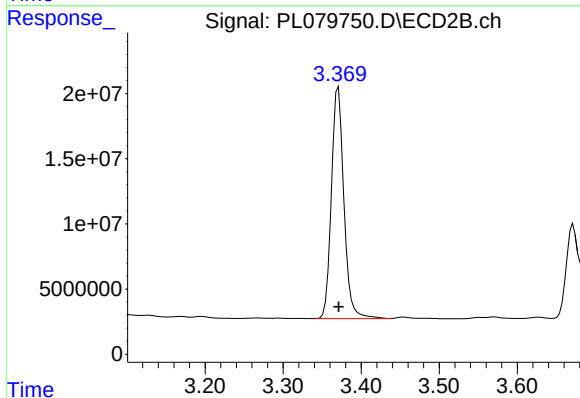
R.T.: 3.050 min  
Delta R.T.: 0.000 min  
Response: 218765531  
Conc: 50.73 ng/ml



#3 gamma-BHC (Lindane)

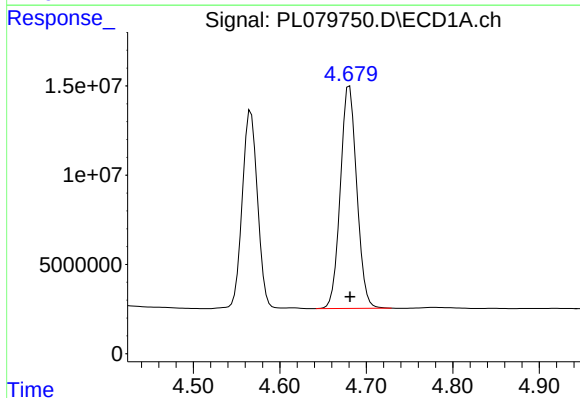
R.T.: 4.110 min  
Delta R.T.: 0.000 min  
Response: 159213843  
Conc: 49.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



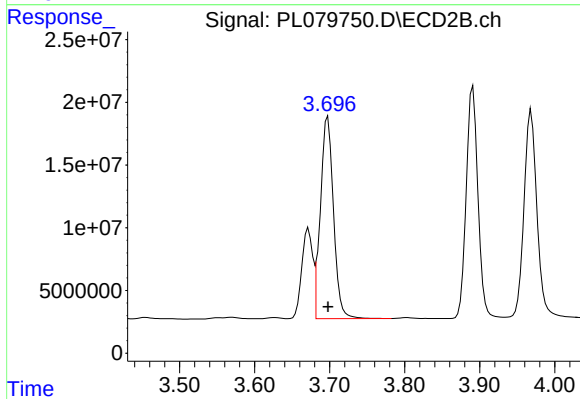
#3 gamma-BHC (Lindane)

R.T.: 3.371 min  
Delta R.T.: 0.000 min  
Response: 197785116  
Conc: 50.80 ng/ml



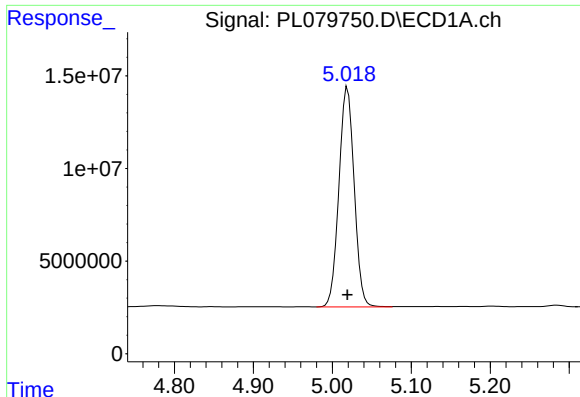
#4 Heptachlor

R.T.: 4.681 min  
Delta R.T.: 0.000 min  
Response: 163411060  
Conc: 49.59 ng/ml



#4 Heptachlor

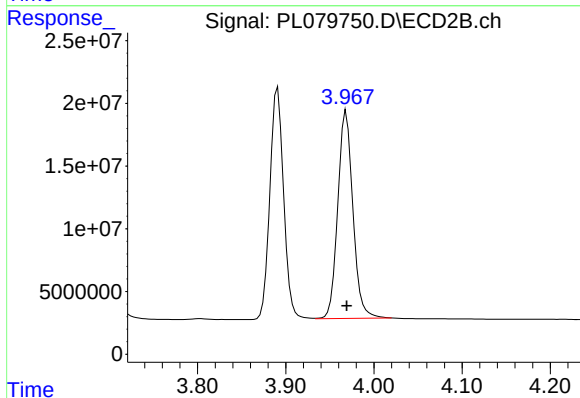
R.T.: 3.698 min  
Delta R.T.: 0.000 min  
Response: 195422573  
Conc: 50.79 ng/ml



#5 Aldrin

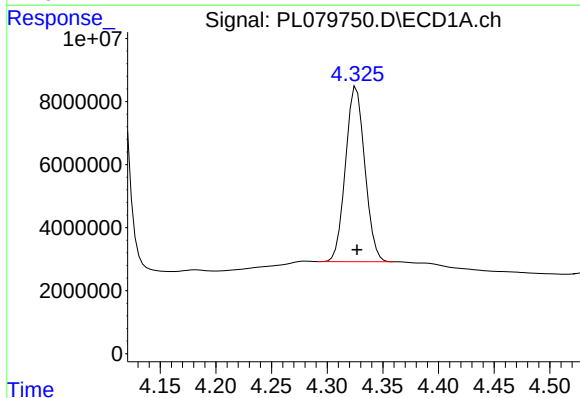
R.T.: 5.019 min  
Delta R.T.: 0.000 min  
Response: 159454252  
Conc: 51.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



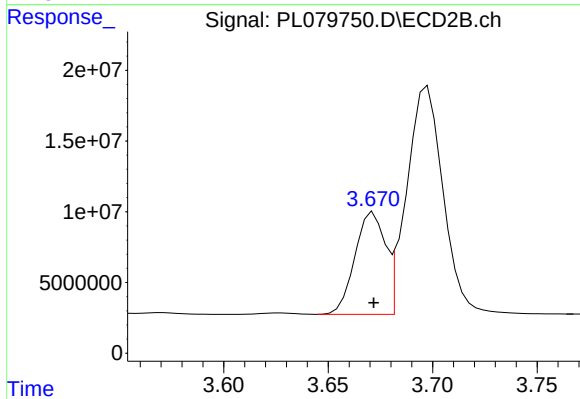
#5 Aldrin

R.T.: 3.969 min  
Delta R.T.: 0.000 min  
Response: 197295505  
Conc: 53.14 ng/ml



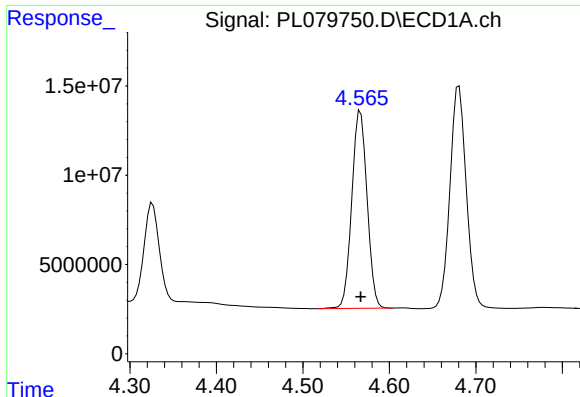
#6 beta-BHC

R.T.: 4.326 min  
Delta R.T.: 0.000 min  
Response: 67046584  
Conc: 47.48 ng/ml



#6 beta-BHC

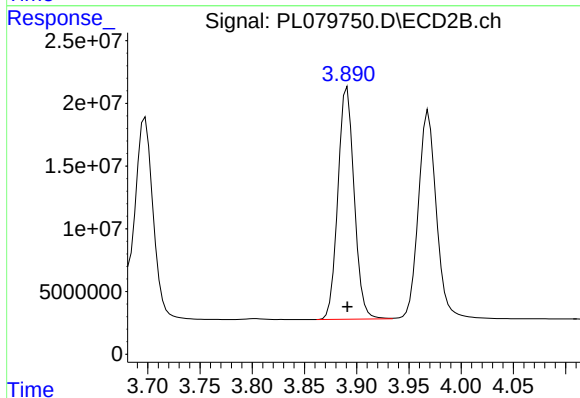
R.T.: 3.672 min  
Delta R.T.: 0.000 min  
Response: 72855470  
Conc: 48.08 ng/ml



#7 delta-BHC

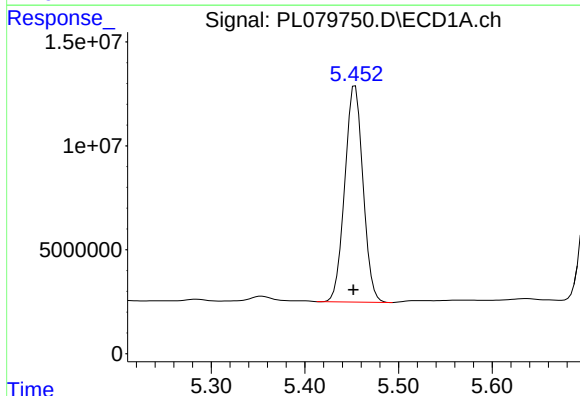
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 135720892  
Conc: 48.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



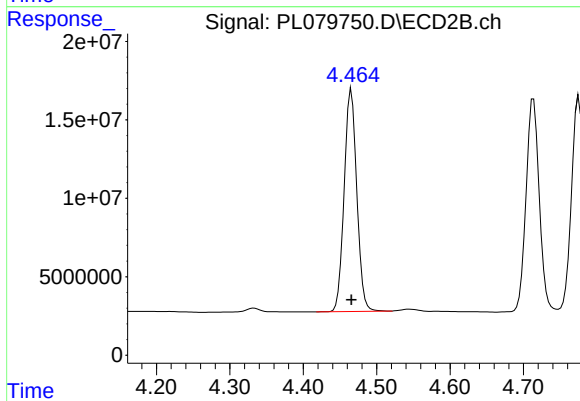
#7 delta-BHC

R.T.: 3.891 min  
Delta R.T.: 0.000 min  
Response: 200183153  
Conc: 52.03 ng/ml



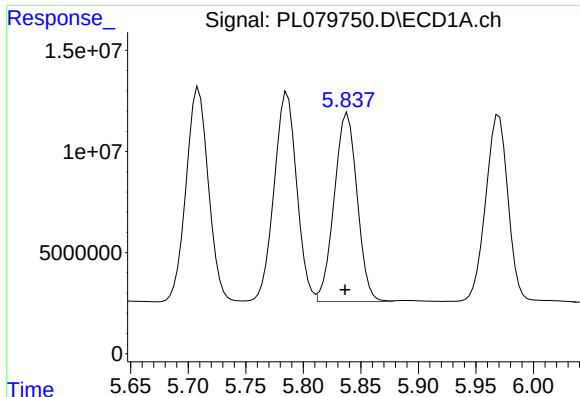
#8 Heptachlor epoxide

R.T.: 5.454 min  
Delta R.T.: 0.002 min  
Response: 140799312  
Conc: 49.32 ng/ml



#8 Heptachlor epoxide

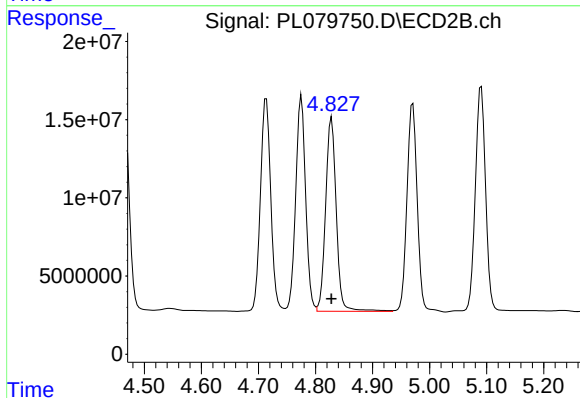
R.T.: 4.465 min  
Delta R.T.: 0.000 min  
Response: 169376586  
Conc: 50.18 ng/ml



#9 Endosulfan I

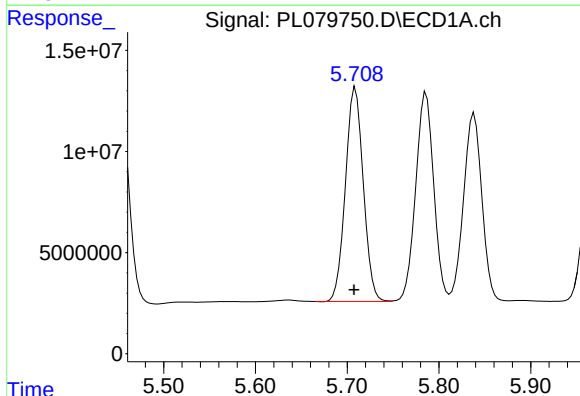
R.T.: 5.838 min  
Delta R.T.: 0.002 min  
Response: 129361858  
Conc: 48.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



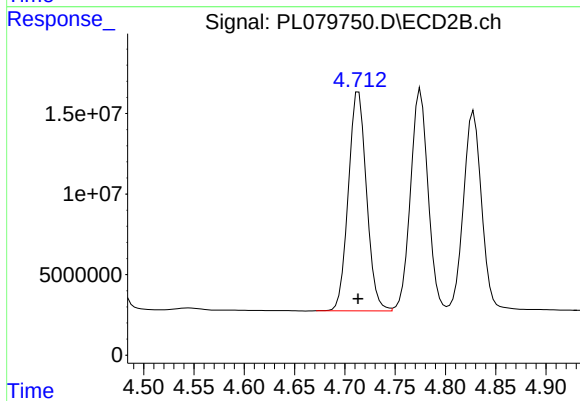
#9 Endosulfan I

R.T.: 4.828 min  
Delta R.T.: 0.000 min  
Response: 160179740  
Conc: 50.06 ng/ml



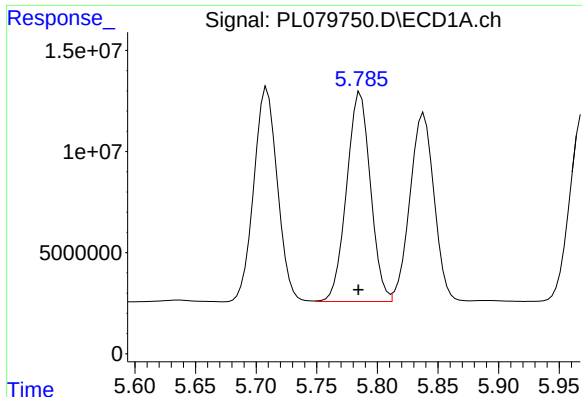
#10 gamma-Chlordane

R.T.: 5.709 min  
Delta R.T.: 0.001 min  
Response: 142943554  
Conc: 49.96 ng/ml



#10 gamma-Chlordane

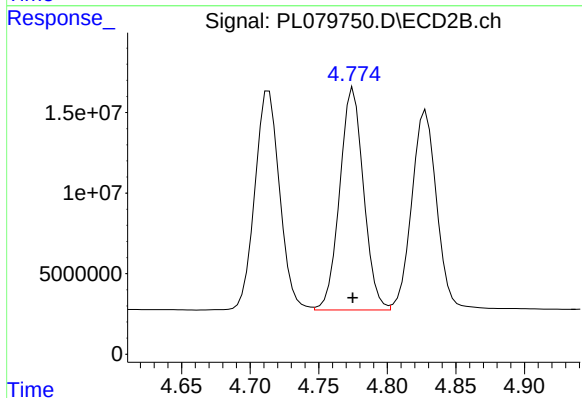
R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 170702244  
Conc: 50.44 ng/ml



#11 alpha-Chlordane

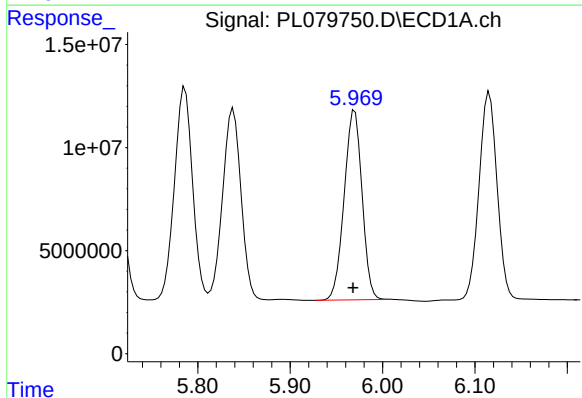
R.T.: 5.786 min  
Delta R.T.: 0.002 min  
Response: 141638555  
Conc: 49.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



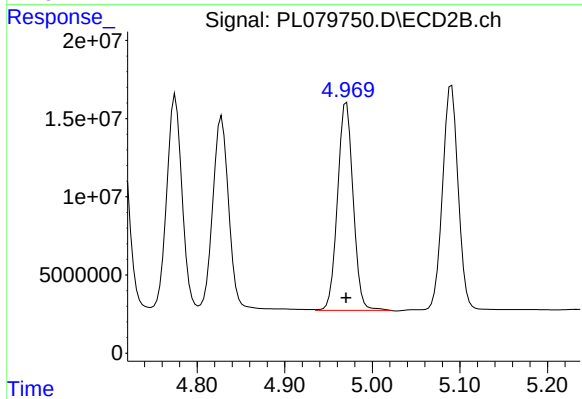
#11 alpha-Chlordane

R.T.: 4.775 min  
Delta R.T.: 0.000 min  
Response: 166794079  
Conc: 49.80 ng/ml



#12 4,4'-DDE

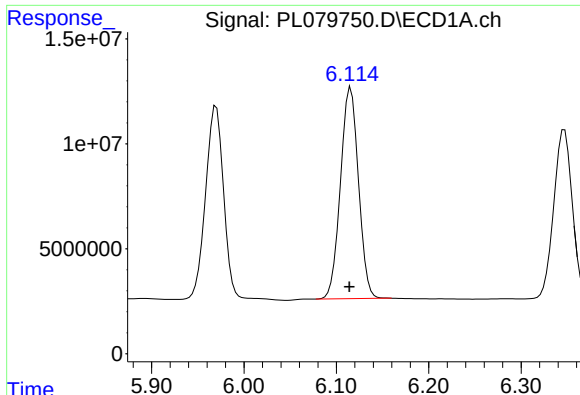
R.T.: 5.970 min  
Delta R.T.: 0.002 min  
Response: 123632119  
Conc: 49.49 ng/ml



#12 4,4'-DDE

R.T.: 4.971 min  
Delta R.T.: 0.000 min  
Response: 164773661  
Conc: 53.74 ng/ml

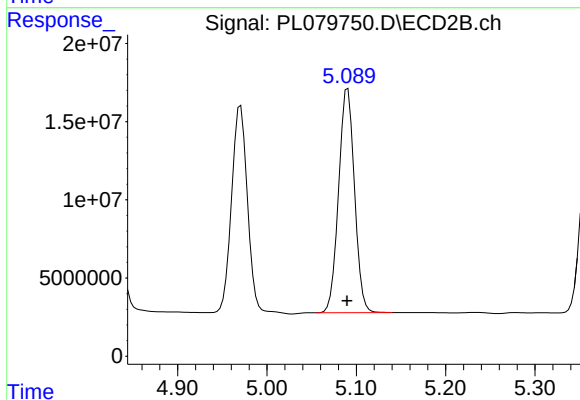




#13 Dieldrin

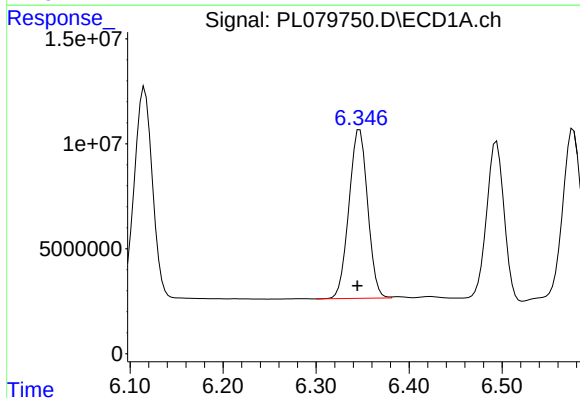
R.T.: 6.116 min  
Delta R.T.: 0.002 min  
Response: 136471195  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



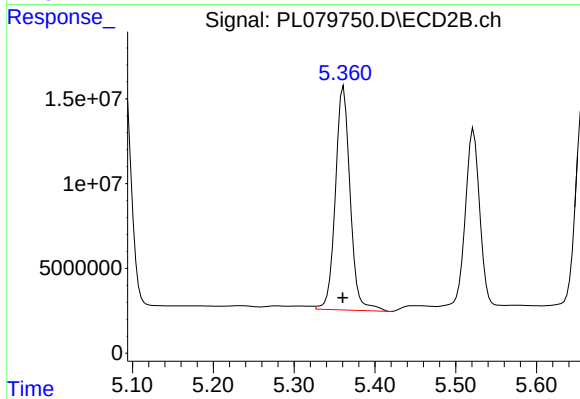
#13 Dieldrin

R.T.: 5.090 min  
Delta R.T.: 0.000 min  
Response: 176812586  
Conc: 52.45 ng/ml



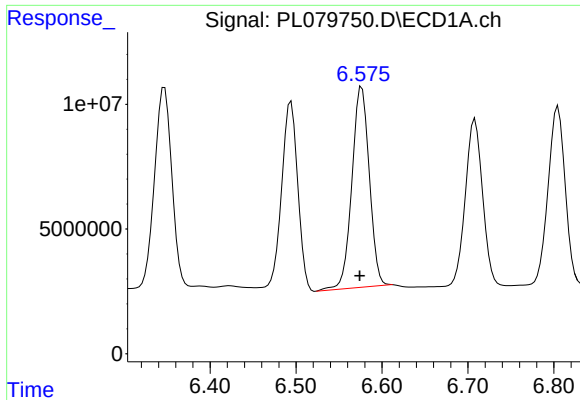
#14 Endrin

R.T.: 6.347 min  
Delta R.T.: 0.002 min  
Response: 112468835  
Conc: 46.49 ng/ml



#14 Endrin

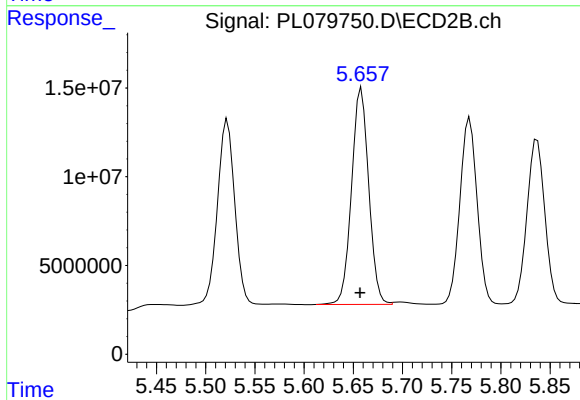
R.T.: 5.361 min  
Delta R.T.: 0.001 min  
Response: 167583931  
Conc: 55.40 ng/ml



#15 Endosulfan II

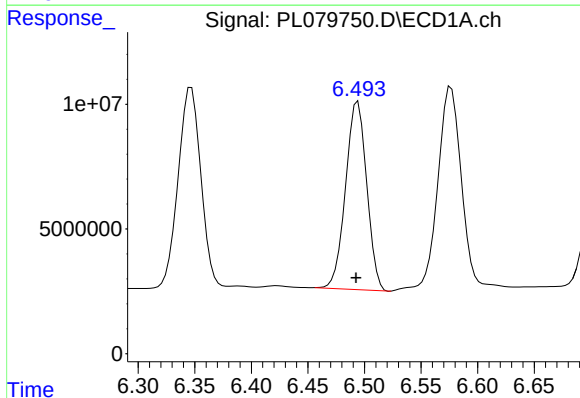
R.T.: 6.577 min  
Delta R.T.: 0.002 min  
Response: 113368906  
Conc: 50.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



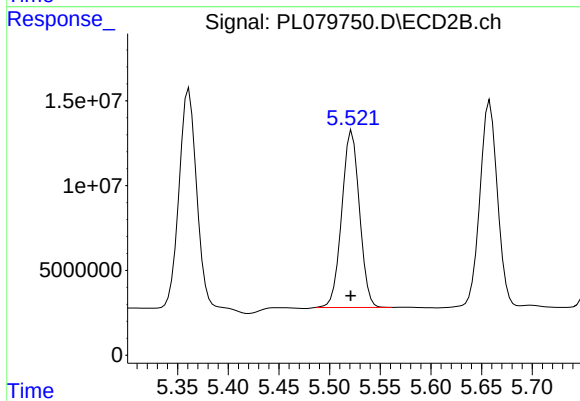
#15 Endosulfan II

R.T.: 5.658 min  
Delta R.T.: 0.001 min  
Response: 148156493  
Conc: 52.95 ng/ml



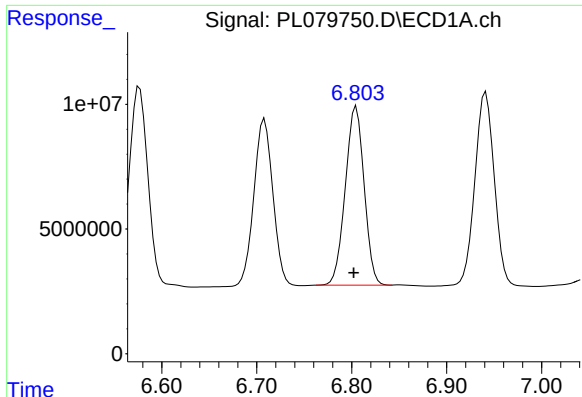
#16 4,4'-DDD

R.T.: 6.494 min  
Delta R.T.: 0.002 min  
Response: 98132407  
Conc: 49.46 ng/ml



#16 4,4'-DDD

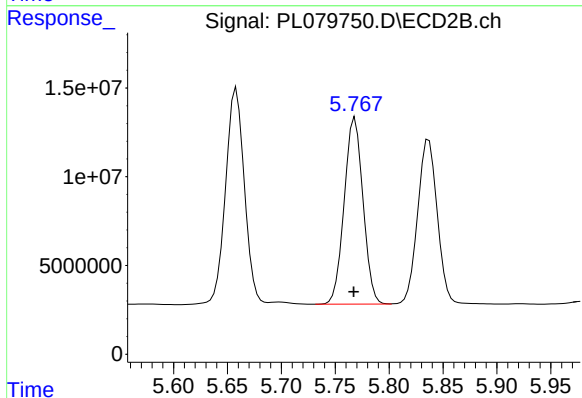
R.T.: 5.522 min  
Delta R.T.: 0.001 min  
Response: 126418186  
Conc: 50.54 ng/ml



#17 4,4'-DDT

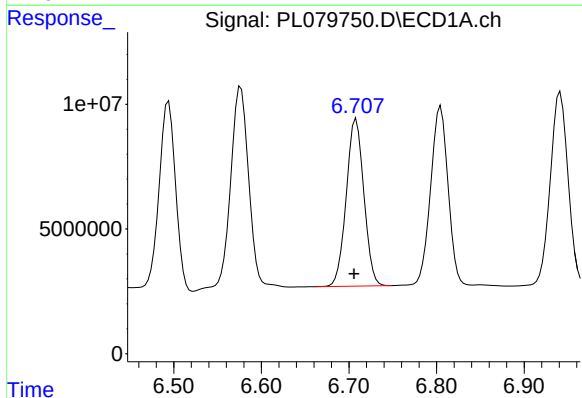
R.T.: 6.805 min  
Delta R.T.: 0.002 min  
Response: 98759512  
Conc: 43.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



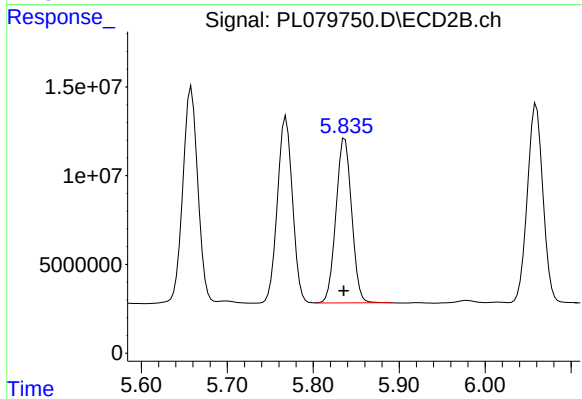
#17 4,4'-DDT

R.T.: 5.768 min  
Delta R.T.: 0.001 min  
Response: 127760631  
Conc: 48.88 ng/ml



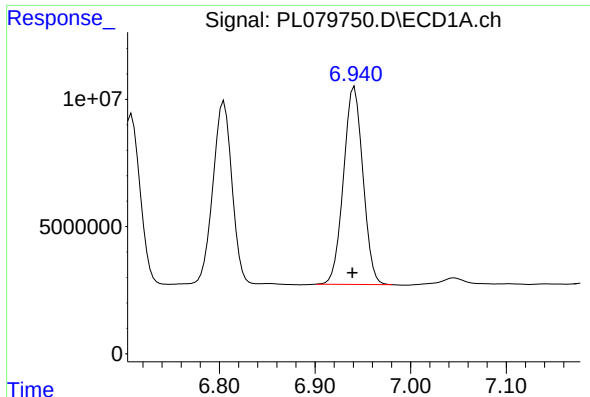
#18 Endrin aldehyde

R.T.: 6.708 min  
Delta R.T.: 0.002 min  
Response: 93518845  
Conc: 51.64 ng/ml



#18 Endrin aldehyde

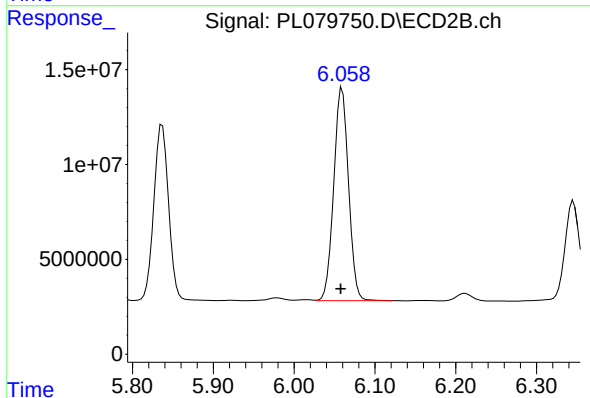
R.T.: 5.837 min  
Delta R.T.: 0.001 min  
Response: 117411569  
Conc: 55.16 ng/ml



#19 Endosulfan Sulfate

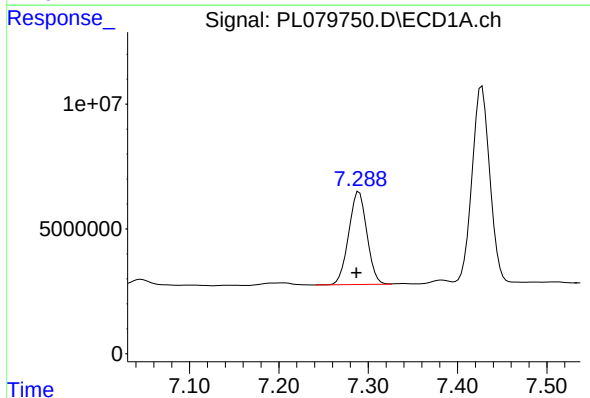
R.T.: 6.941 min  
Delta R.T.: 0.002 min  
Response: 109990492  
Conc: 47.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



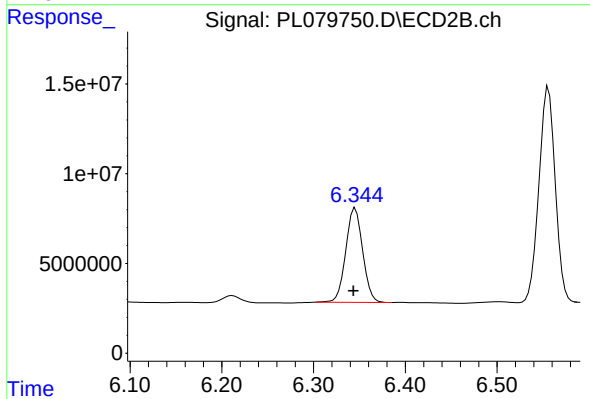
#19 Endosulfan Sulfate

R.T.: 6.060 min  
Delta R.T.: 0.002 min  
Response: 142558989  
Conc: 50.52 ng/ml



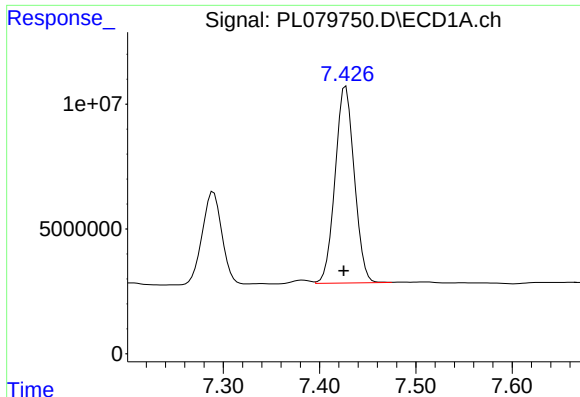
#20 Methoxychlor

R.T.: 7.290 min  
Delta R.T.: 0.003 min  
Response: 52515084  
Conc: 43.53 ng/ml



#20 Methoxychlor

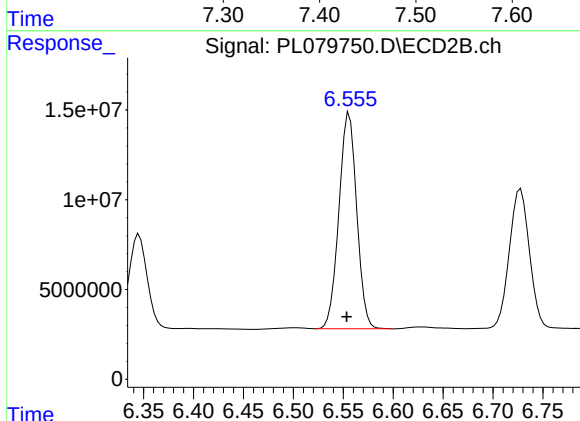
R.T.: 6.345 min  
Delta R.T.: 0.002 min  
Response: 67318280  
Conc: 49.53 ng/ml



#21 Endrin ketone

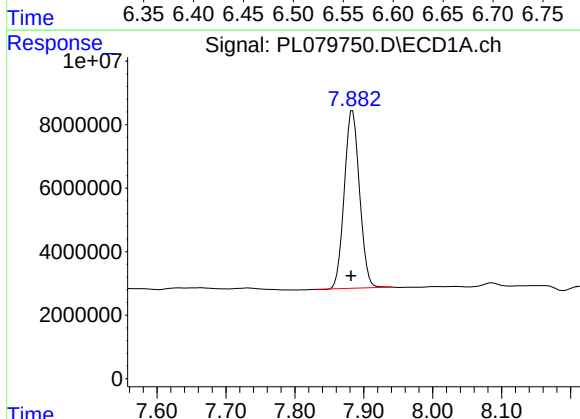
R.T.: 7.427 min  
Delta R.T.: 0.002 min  
Response: 108908688  
Conc: 44.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



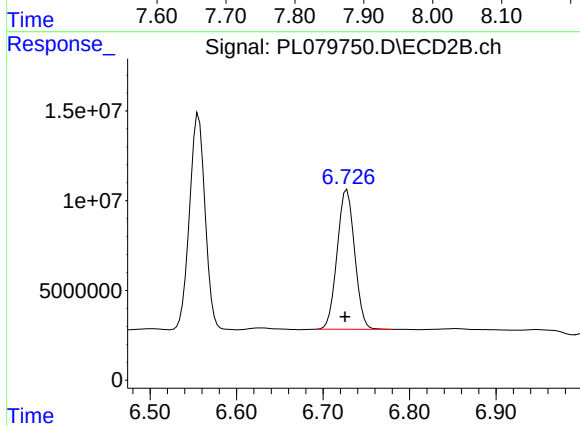
#21 Endrin ketone

R.T.: 6.556 min  
Delta R.T.: 0.002 min  
Response: 149377312  
Conc: 48.50 ng/ml



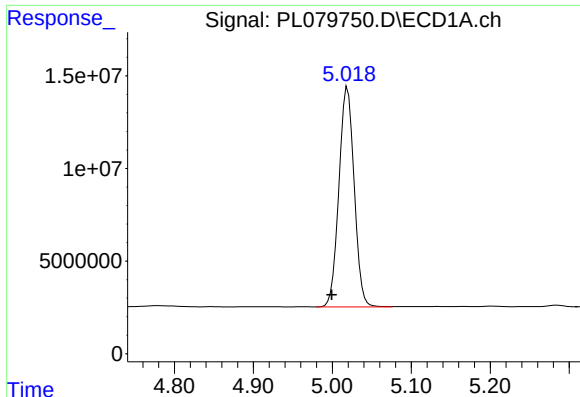
#22 Mirex

R.T.: 7.884 min  
Delta R.T.: 0.002 min  
Response: 86189408  
Conc: 45.50 ng/ml



#22 Mirex

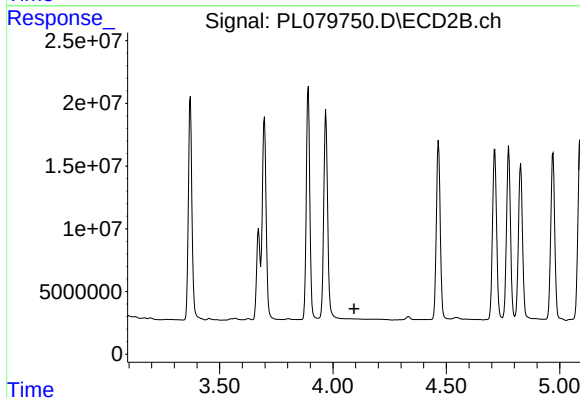
R.T.: 6.728 min  
Delta R.T.: 0.002 min  
Response: 108745628  
Conc: 45.98 ng/ml



#24 Chlordane-2

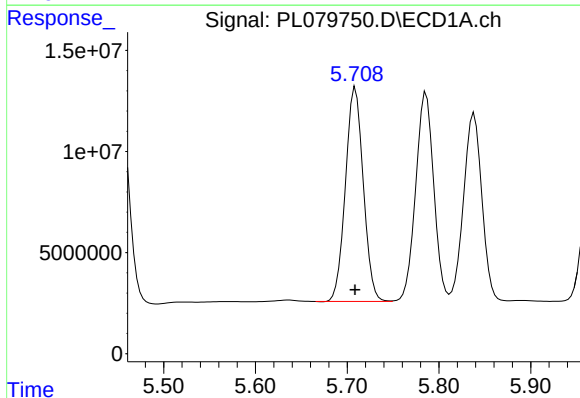
R.T.: 5.019 min  
Delta R.T.: 0.020 min  
Response: 159454252  
Conc: 1513.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



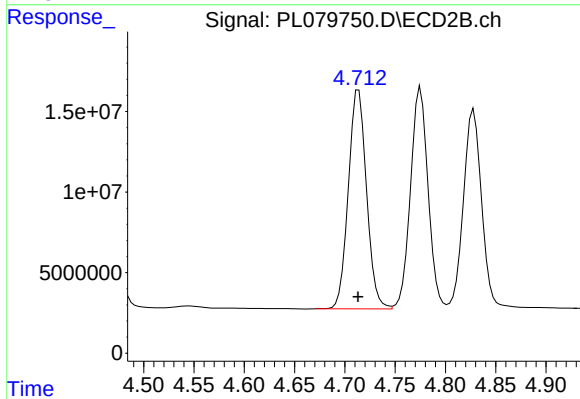
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.094 min  
Response: 0  
Conc: N.D.



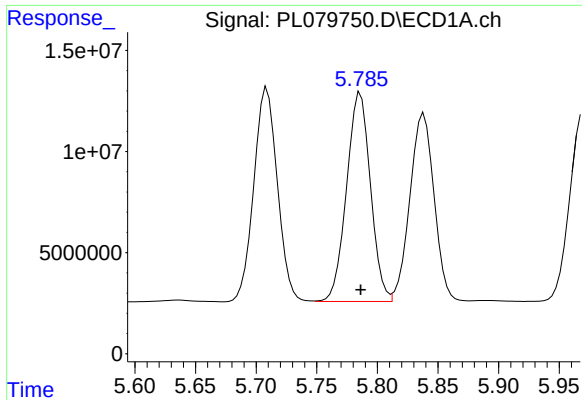
#25 Chlordane-3

R.T.: 5.709 min  
Delta R.T.: 0.000 min  
Response: 142943554  
Conc: 344.25 ng/ml



#25 Chlordane-3

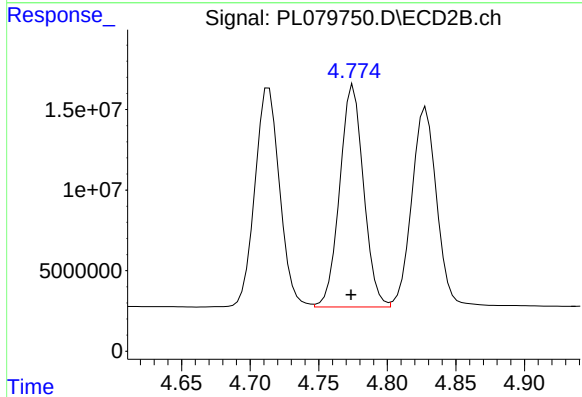
R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 170702244  
Conc: 510.62 ng/ml



#26 Chlordane-4

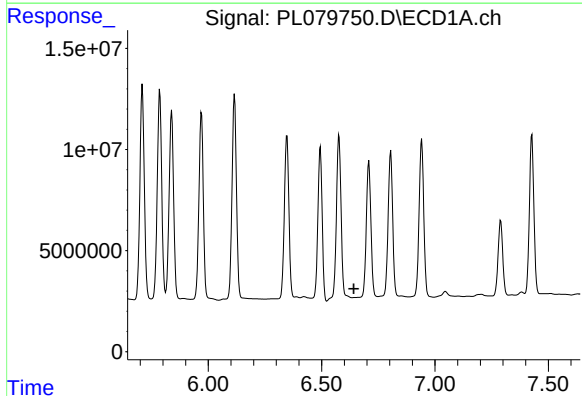
R.T.: 5.786 min  
Delta R.T.: 0.000 min  
Response: 141638555  
Conc: 278.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



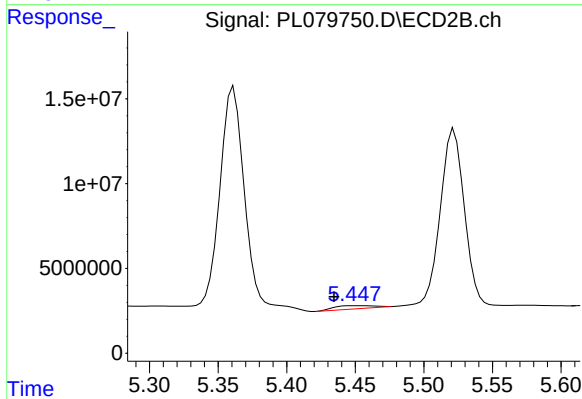
#26 Chlordane-4

R.T.: 4.775 min  
Delta R.T.: 0.002 min  
Response: 166794079  
Conc: 460.29 ng/ml



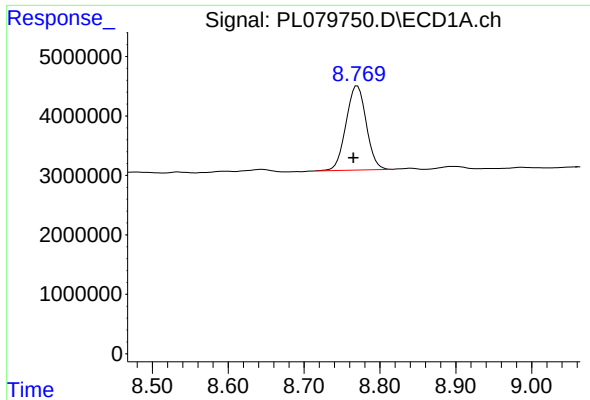
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.642 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

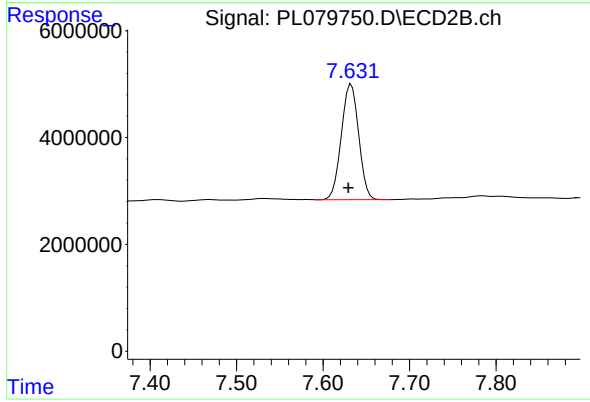
R.T.: 5.449 min  
Delta R.T.: 0.014 min  
Response: 3682616  
Conc: 40.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.770 min  
Delta R.T.: 0.005 min  
Response: 26248460  
Conc: 13.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.633 min  
Delta R.T.: 0.003 min  
Response: 29919618  
Conc: 12.74 ng/ml