

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121622\  
 Data File : PL079745.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Dec 2022 13:13  
 Operator : AR\AJ  
 Sample : PB149687BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 16 20:38:21 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... | 3.318  | 2.563  | 55500150 | 66211949 | 24.568   | 24.325    |
| 28)                         | SA Decachlor... | 8.773  | 7.635  | 49026772 | 55710777 | 25.244   | 23.714    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.779  | 3.050  | 191.1E6  | 227.8E6  | 55.558   | 52.829    |
| 3)                          | MA gamma-BHC... | 4.112  | 3.371  | 179.5E6  | 208.6E6  | 55.396   | 53.565    |
| 4)                          | MA Heptachlor   | 4.683  | 3.698  | 184.1E6  | 207.8E6  | 55.880   | 54.015    |
| 5)                          | MB Aldrin       | 5.022  | 3.970  | 178.7E6  | 207.0E6  | 57.542   | 55.764    |
| 6)                          | B beta-BHC      | 4.328  | 3.672  | 74617409 | 77614833 | 52.847   | 51.225    |
| 7)                          | B delta-BHC     | 4.569  | 3.892  | 160.6E6  | 213.0E6  | 57.889   | 55.368    |
| 8)                          | B Heptachlo...  | 5.456  | 4.467  | 167.6E6  | 186.7E6  | 58.708   | 55.305    |
| 9)                          | A Endosulfan I  | 5.841  | 4.830  | 147.6E6  | 172.5E6  | 55.508   | 53.908    |
| 10)                         | B gamma-Chl...  | 5.712  | 4.715  | 163.6E6  | 188.0E6  | 57.192   | 55.552    |
| 11)                         | B alpha-Chl...  | 5.788  | 4.777  | 161.0E6  | 183.4E6  | 55.884   | 54.761    |
| 12)                         | B 4,4'-DDE      | 5.972  | 4.971  | 144.6E6  | 178.6E6  | 57.898   | 58.257    |
| 13)                         | MA Dieldrin     | 6.119  | 5.092  | 157.9E6  | 197.3E6  | 57.580   | 58.539    |
| 14)                         | MA Endrin       | 6.350  | 5.363  | 138.8E6  | 173.0E6  | 57.382   | 57.190    |
| 15)                         | B Endosulfa...  | 6.580  | 5.660  | 129.9E6  | 162.4E6  | 57.537   | 58.025    |
| 16)                         | A 4,4'-DDD      | 6.498  | 5.523  | 119.1E6  | 152.6E6  | 60.007   | 60.996    |
| 17)                         | MA 4,4'-DDT     | 6.807  | 5.770  | 120.0E6  | 145.9E6  | 52.884   | 55.828    |
| 18)                         | B Endrin al...  | 6.711  | 5.839  | 108.4E6  | 128.4E6  | 59.851   | 60.304    |
| 19)                         | B Endosulfa...  | 6.944  | 6.061  | 130.1E6  | 156.2E6  | 56.095   | 55.358    |
| 20)                         | A Methoxychlor  | 7.292  | 6.347  | 62149525 | 75386163 | 51.517   | 55.465    |
| 21)                         | B Endrin ke...  | 7.430  | 6.558  | 135.4E6  | 164.2E6  | 54.881   | 53.329    |
| 22)                         | Mirex           | 7.888  | 6.730  | 100.6E6  | 124.2E6  | 53.089   | 52.506    |
| 24)                         | Chlordane-2     | 5.022f | 4.111f | 178.7E6  | 6929668  | 1695.779 | 59.186 #  |
| 25)                         | Chlordane-3     | 5.712  | 4.715  | 163.6E6  | 188.0E6  | 394.092  | 562.372 # |
| 26)                         | Chlordane-4     | 5.788  | 4.777  | 161.0E6  | 183.4E6  | 316.505  | 506.133 # |
| -----                       |                 |        |        |          |          |          |           |

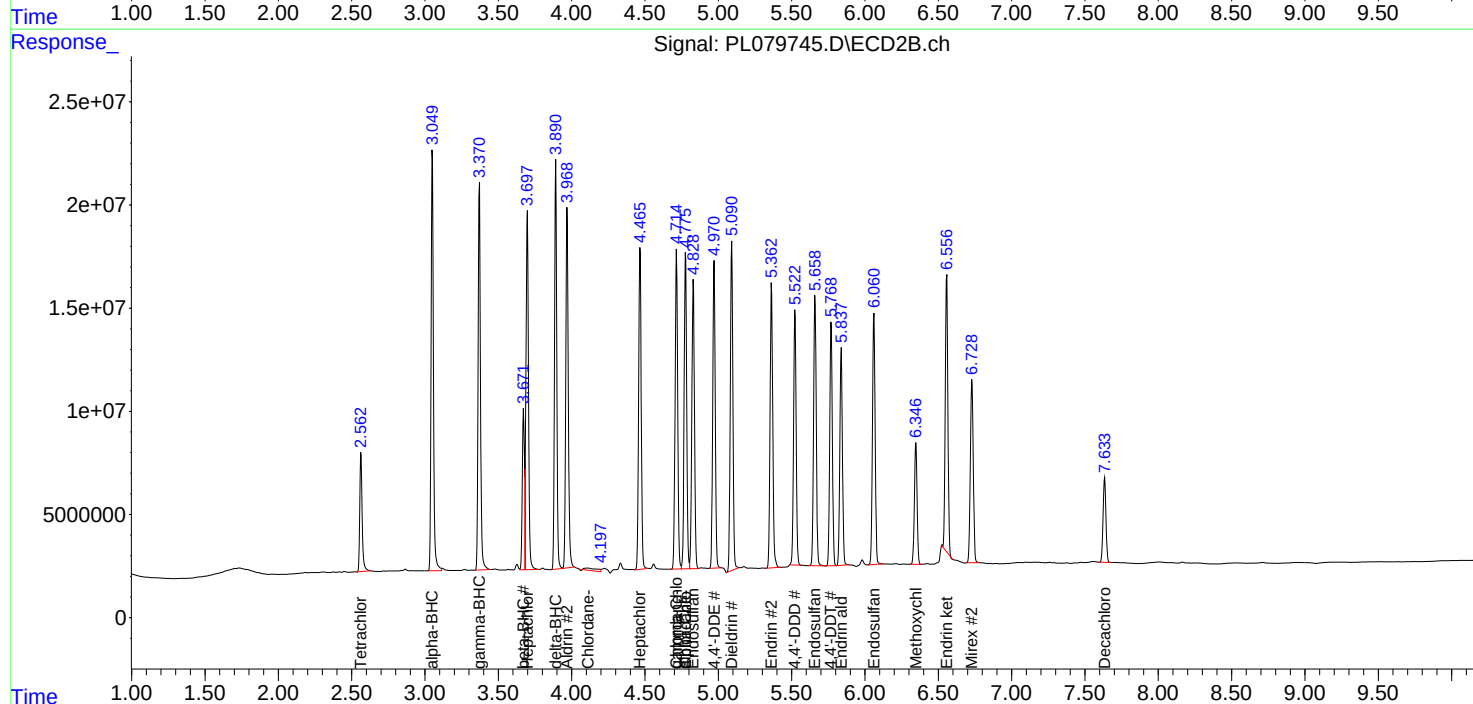
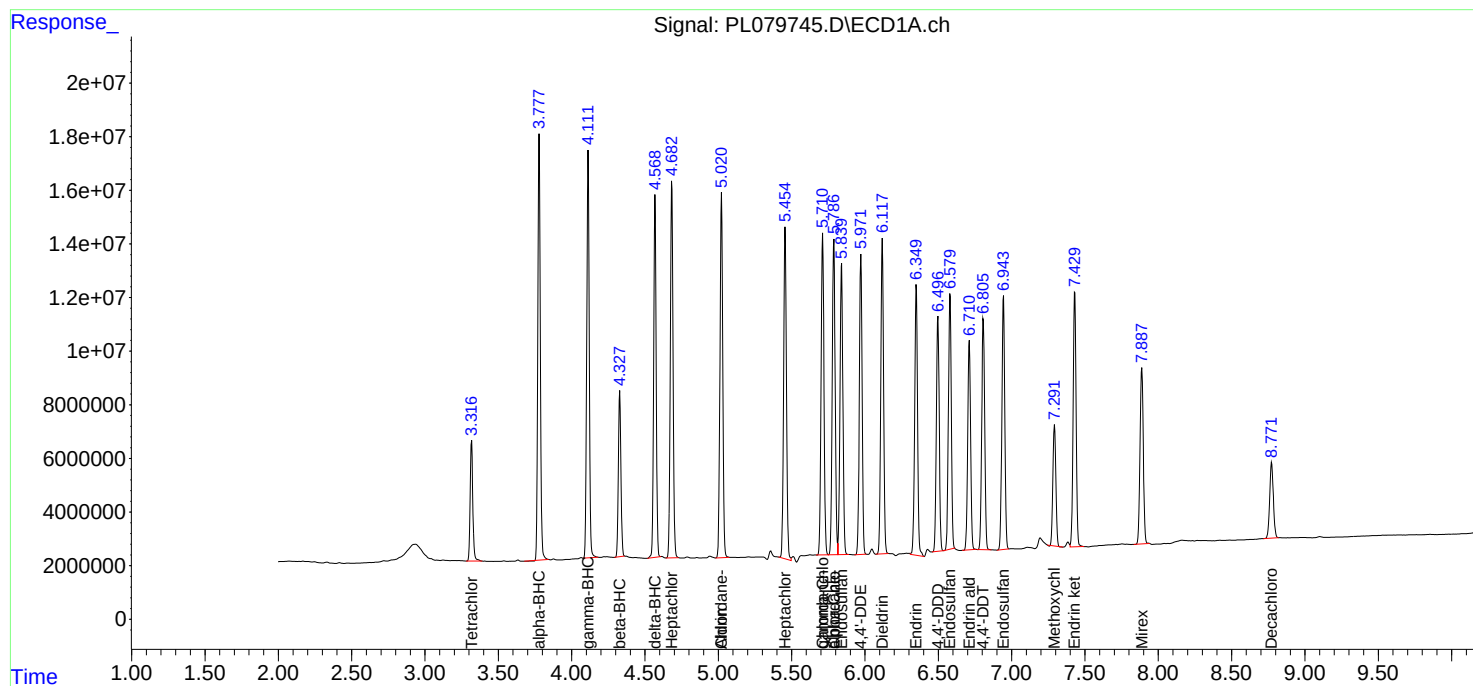
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

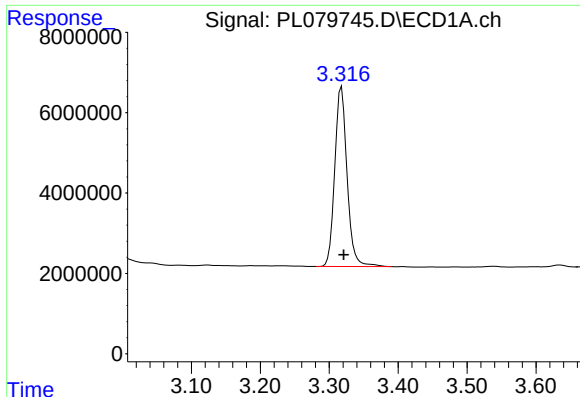
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121622\  
Data File : PL079745.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Dec 2022 13:13  
Operator : AR\AJ  
Sample : PB149687BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 16 20:38:21 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

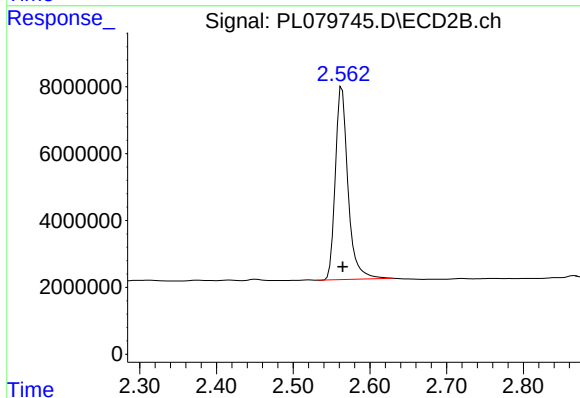




#1 Tetrachloro-m-xylene

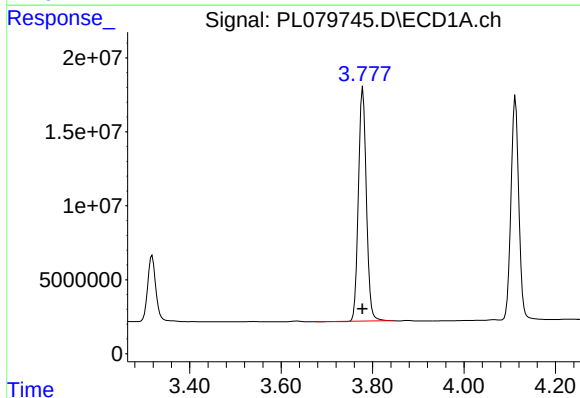
R.T.: 3.318 min  
Delta R.T.: -0.003 min  
Response: 55500150  
Conc: 24.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



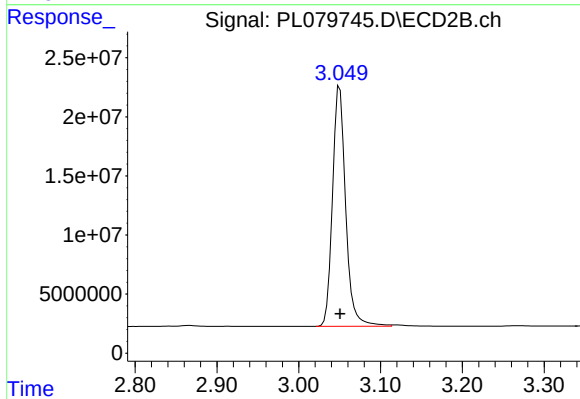
#1 Tetrachloro-m-xylene

R.T.: 2.563 min  
Delta R.T.: 0.000 min  
Response: 66211949  
Conc: 24.32 ng/ml



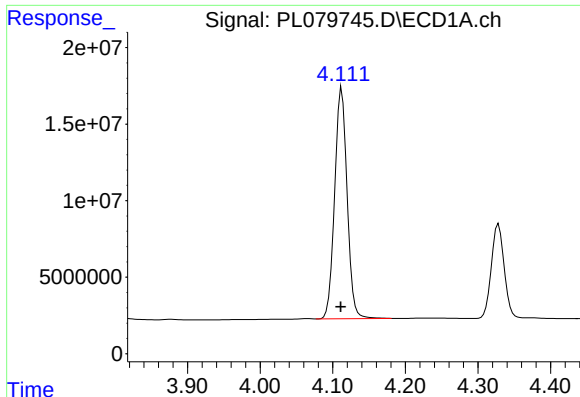
#2 alpha-BHC

R.T.: 3.779 min  
Delta R.T.: 0.000 min  
Response: 191050149  
Conc: 55.56 ng/ml



#2 alpha-BHC

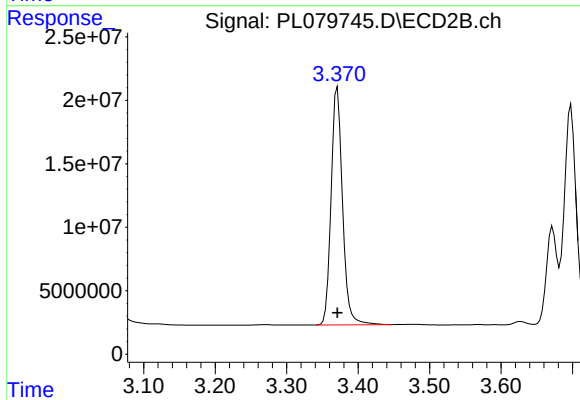
R.T.: 3.050 min  
Delta R.T.: 0.000 min  
Response: 227800003  
Conc: 52.83 ng/ml



#3 gamma-BHC (Lindane)

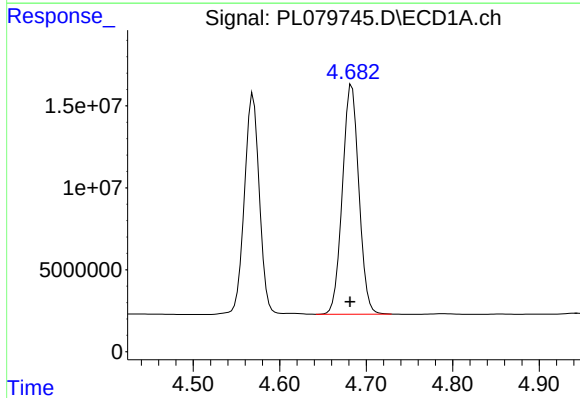
R.T.: 4.112 min  
Delta R.T.: 0.002 min  
Response: 179527686  
Conc: 55.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



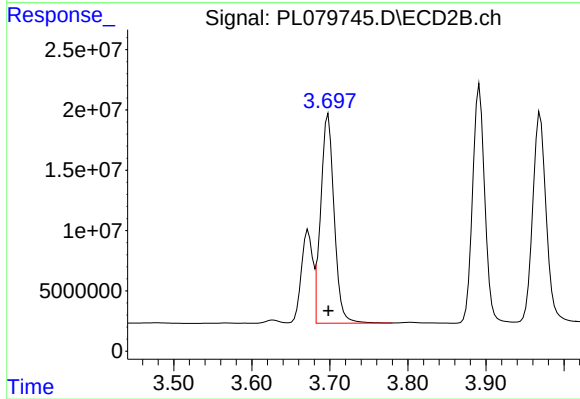
#3 gamma-BHC (Lindane)

R.T.: 3.371 min  
Delta R.T.: 0.000 min  
Response: 208566150  
Conc: 53.57 ng/ml



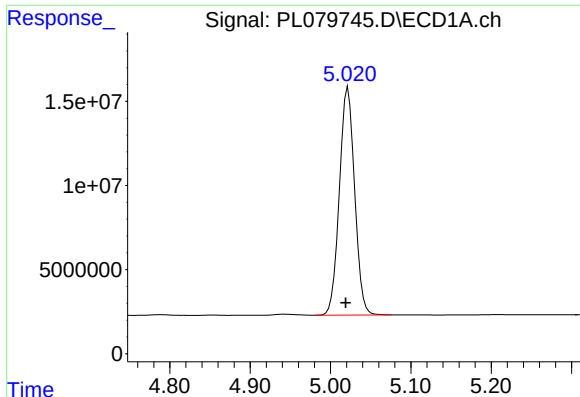
#4 Heptachlor

R.T.: 4.683 min  
Delta R.T.: 0.002 min  
Response: 184136813  
Conc: 55.88 ng/ml



#4 Heptachlor

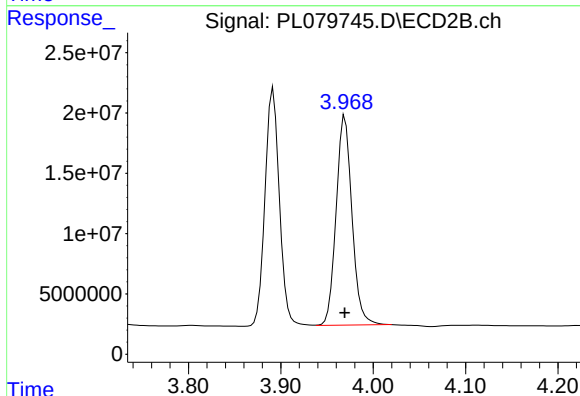
R.T.: 3.698 min  
Delta R.T.: 0.000 min  
Response: 207837920  
Conc: 54.02 ng/ml



#5 Aldrin

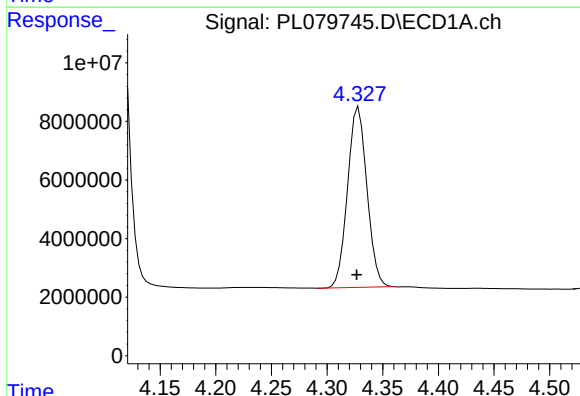
R.T.: 5.022 min  
Delta R.T.: 0.003 min  
Response: 178689082  
Conc: 57.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



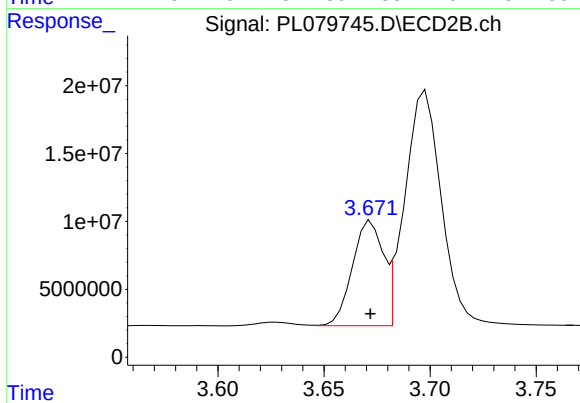
#5 Aldrin

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 207044998  
Conc: 55.76 ng/ml



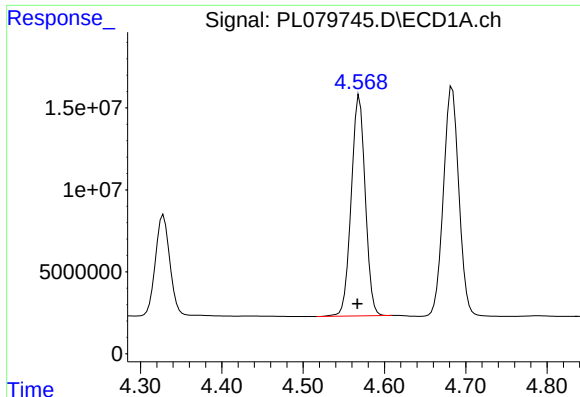
#6 beta-BHC

R.T.: 4.328 min  
Delta R.T.: 0.002 min  
Response: 74617409  
Conc: 52.85 ng/ml



#6 beta-BHC

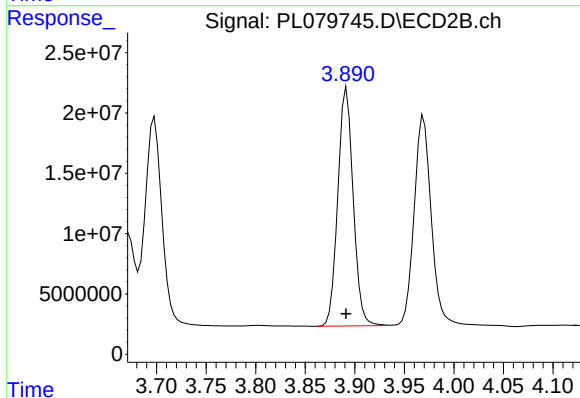
R.T.: 3.672 min  
Delta R.T.: 0.000 min  
Response: 77614833  
Conc: 51.22 ng/ml



#7 delta-BHC

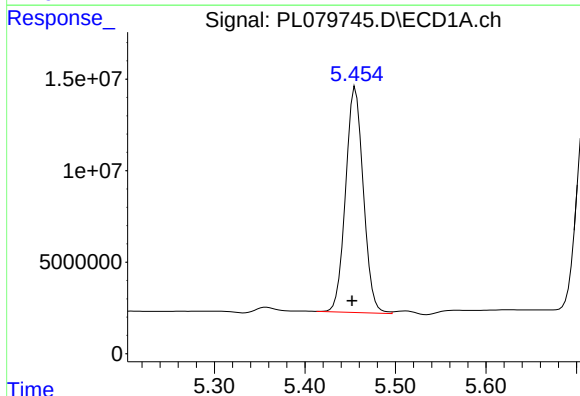
R.T.: 4.569 min  
Delta R.T.: 0.002 min  
Response: 160605019  
Conc: 57.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



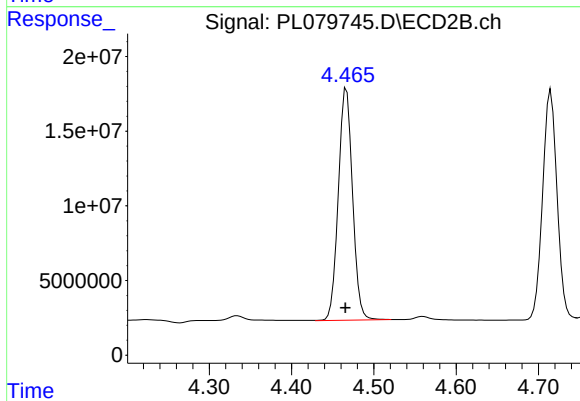
#7 delta-BHC

R.T.: 3.892 min  
Delta R.T.: 0.000 min  
Response: 213012778  
Conc: 55.37 ng/ml



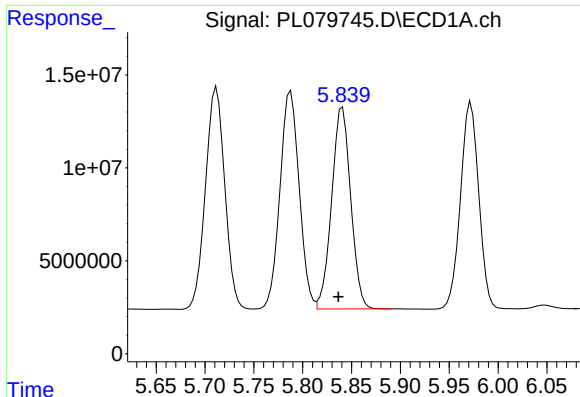
#8 Heptachlor epoxide

R.T.: 5.456 min  
Delta R.T.: 0.004 min  
Response: 167609804  
Conc: 58.71 ng/ml



#8 Heptachlor epoxide

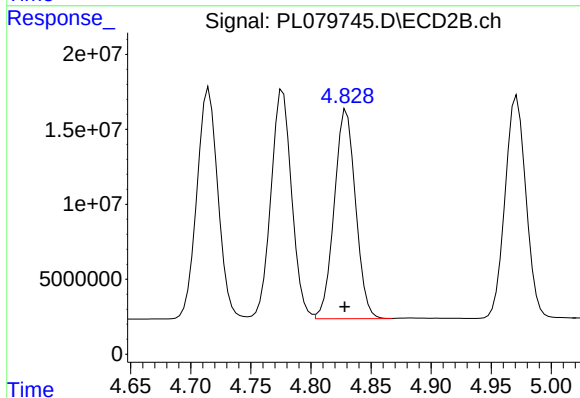
R.T.: 4.467 min  
Delta R.T.: 0.001 min  
Response: 186673291  
Conc: 55.30 ng/ml



#9 Endosulfan I

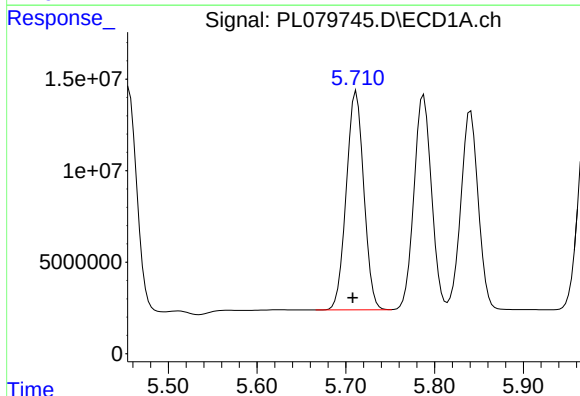
R.T.: 5.841 min  
Delta R.T.: 0.004 min  
Response: 147578970  
Conc: 55.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



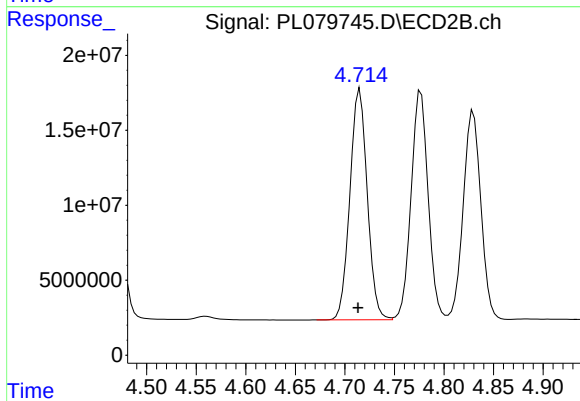
#9 Endosulfan I

R.T.: 4.830 min  
Delta R.T.: 0.002 min  
Response: 172493557  
Conc: 53.91 ng/ml



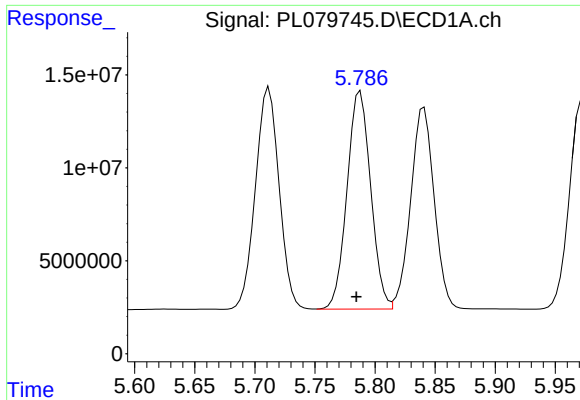
#10 gamma-Chlordane

R.T.: 5.712 min  
Delta R.T.: 0.004 min  
Response: 163638277  
Conc: 57.19 ng/ml



#10 gamma-Chlordane

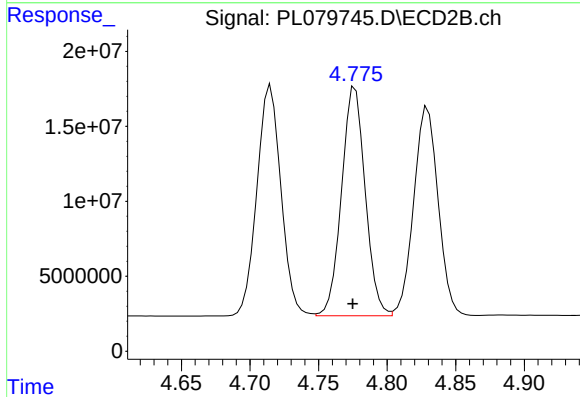
R.T.: 4.715 min  
Delta R.T.: 0.002 min  
Response: 188003037  
Conc: 55.55 ng/ml



#11 alpha-Chlordane

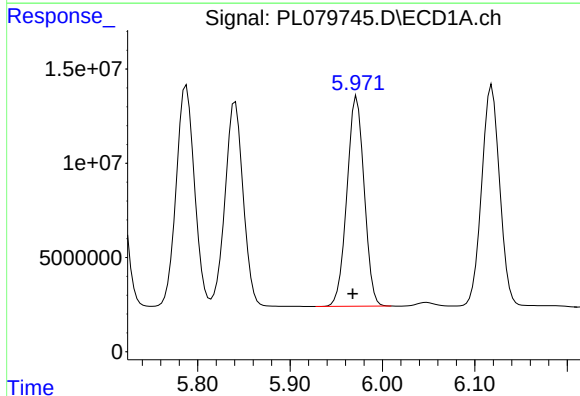
R.T.: 5.788 min  
Delta R.T.: 0.003 min  
Response: 161035454  
Conc: 55.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



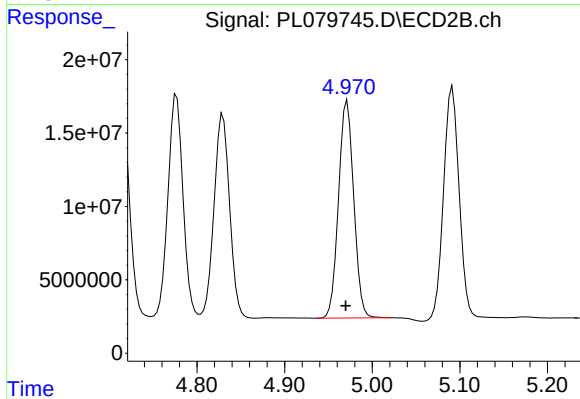
#11 alpha-Chlordane

R.T.: 4.777 min  
Delta R.T.: 0.002 min  
Response: 183404029  
Conc: 54.76 ng/ml



#12 4,4'-DDE

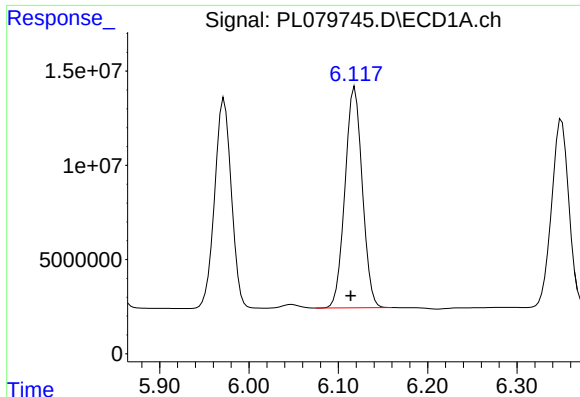
R.T.: 5.972 min  
Delta R.T.: 0.004 min  
Response: 144649541  
Conc: 57.90 ng/ml



#12 4,4'-DDE

R.T.: 4.971 min  
Delta R.T.: 0.002 min  
Response: 178623296  
Conc: 58.26 ng/ml

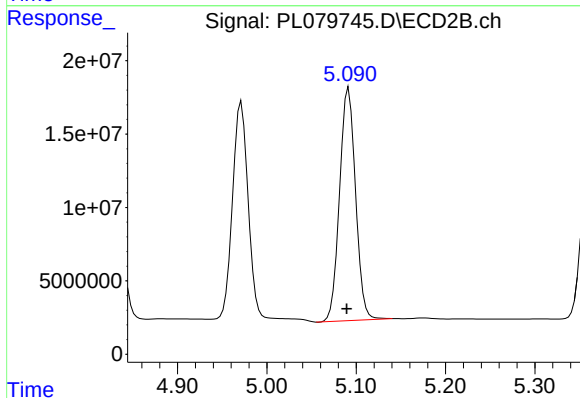




#13 Dieldrin

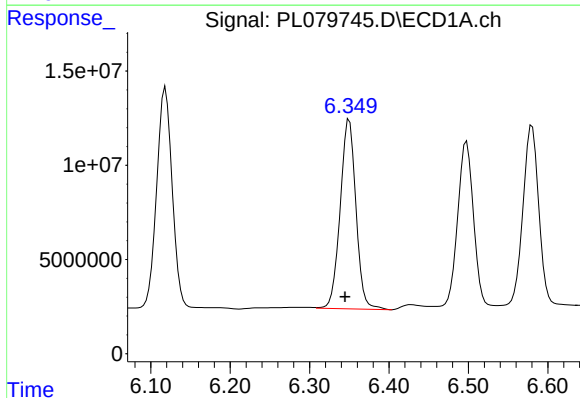
R.T.: 6.119 min  
Delta R.T.: 0.005 min  
Response: 157933750  
Conc: 57.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



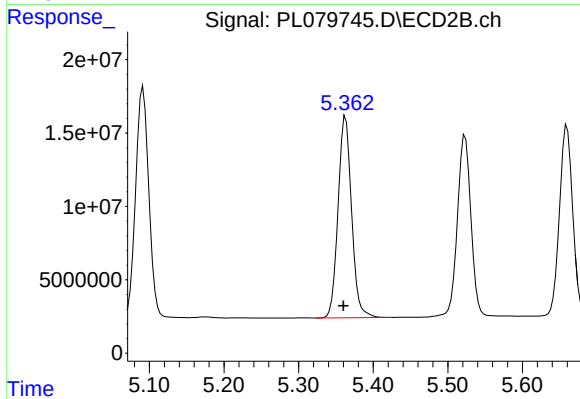
#13 Dieldrin

R.T.: 5.092 min  
Delta R.T.: 0.002 min  
Response: 197343457  
Conc: 58.54 ng/ml



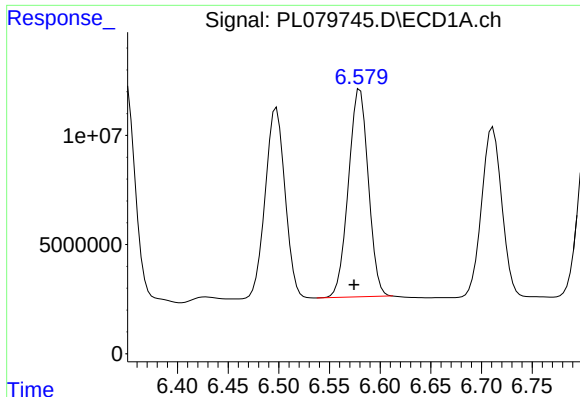
#14 Endrin

R.T.: 6.350 min  
Delta R.T.: 0.005 min  
Response: 138818701  
Conc: 57.38 ng/ml



#14 Endrin

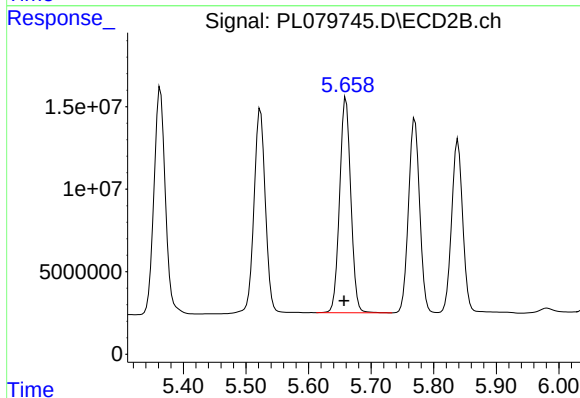
R.T.: 5.363 min  
Delta R.T.: 0.003 min  
Response: 172985506  
Conc: 57.19 ng/ml



#15 Endosulfan II

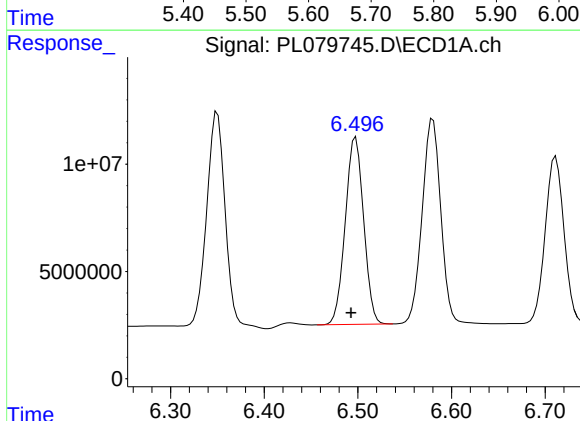
R.T.: 6.580 min  
Delta R.T.: 0.006 min  
Response: 129886892  
Conc: 57.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



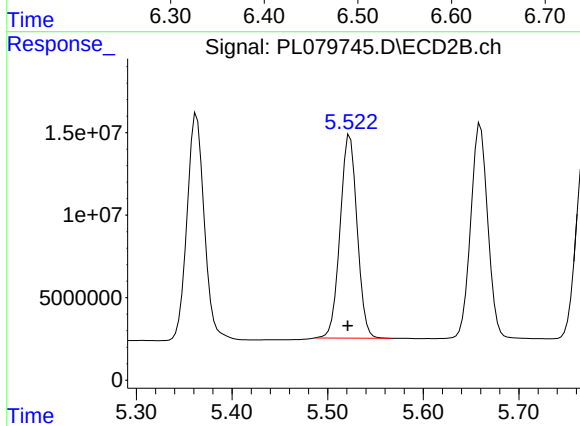
#15 Endosulfan II

R.T.: 5.660 min  
Delta R.T.: 0.003 min  
Response: 162368006  
Conc: 58.03 ng/ml



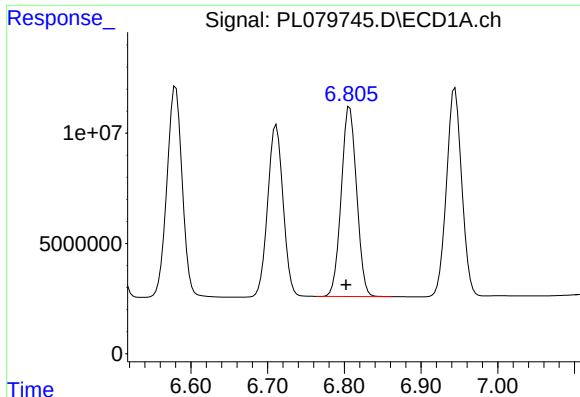
#16 4,4'-DDD

R.T.: 6.498 min  
Delta R.T.: 0.005 min  
Response: 119056505  
Conc: 60.01 ng/ml



#16 4,4'-DDD

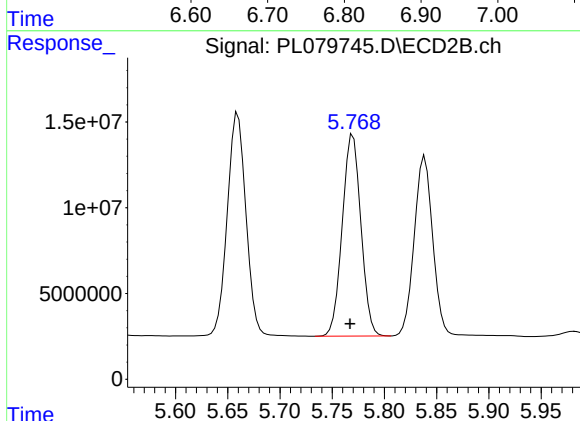
R.T.: 5.523 min  
Delta R.T.: 0.002 min  
Response: 152580485  
Conc: 61.00 ng/ml



#17 4,4'-DDT

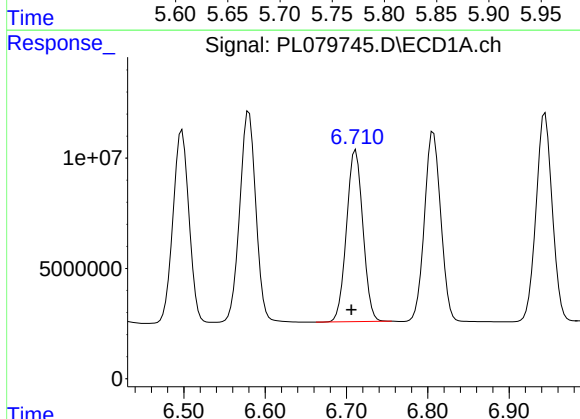
R.T.: 6.807 min  
Delta R.T.: 0.005 min  
Response: 119959393  
Conc: 52.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



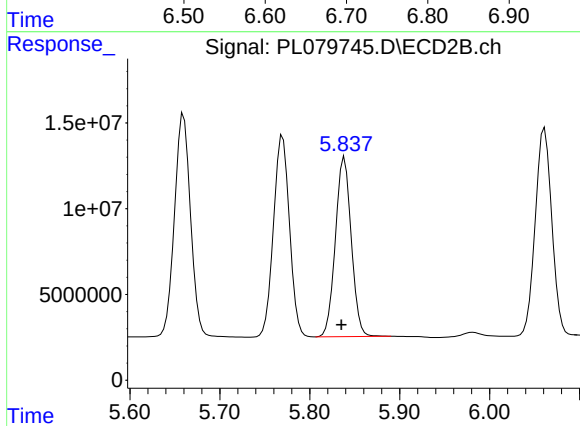
#17 4,4'-DDT

R.T.: 5.770 min  
Delta R.T.: 0.003 min  
Response: 145911870  
Conc: 55.83 ng/ml



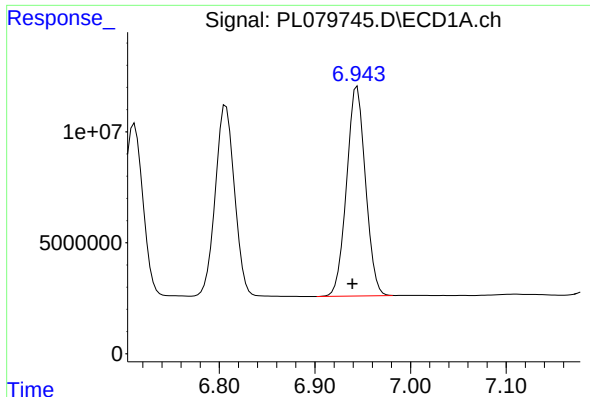
#18 Endrin aldehyde

R.T.: 6.711 min  
Delta R.T.: 0.005 min  
Response: 108398942  
Conc: 59.85 ng/ml



#18 Endrin aldehyde

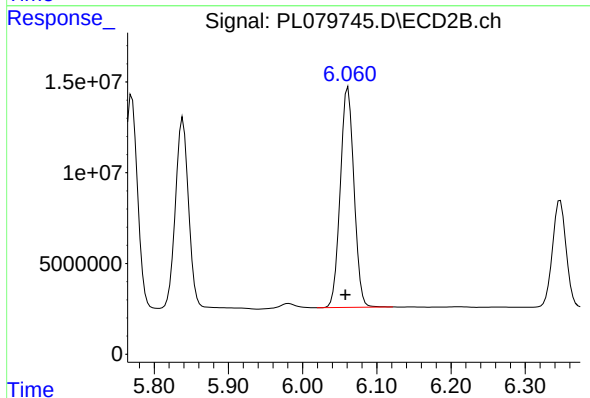
R.T.: 5.839 min  
Delta R.T.: 0.003 min  
Response: 128352309  
Conc: 60.30 ng/ml



#19 Endosulfan Sulfate

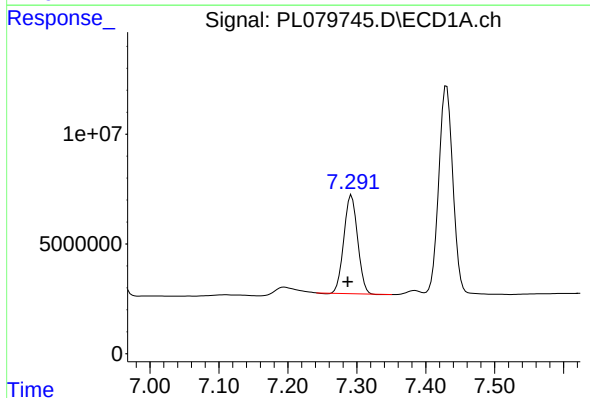
R.T.: 6.944 min  
Delta R.T.: 0.005 min  
Response: 130078865  
Conc: 56.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



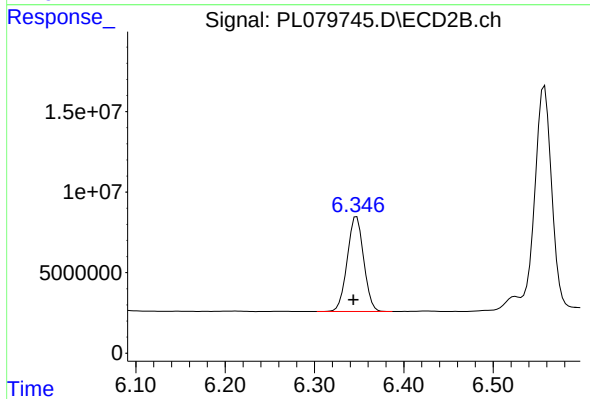
#19 Endosulfan Sulfate

R.T.: 6.061 min  
Delta R.T.: 0.004 min  
Response: 156203824  
Conc: 55.36 ng/ml



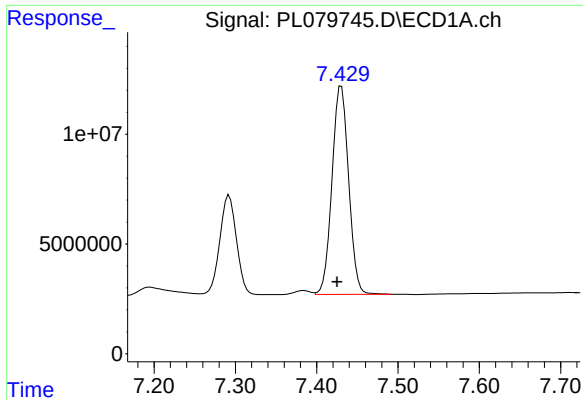
#20 Methoxychlor

R.T.: 7.292 min  
Delta R.T.: 0.006 min  
Response: 62149525  
Conc: 51.52 ng/ml



#20 Methoxychlor

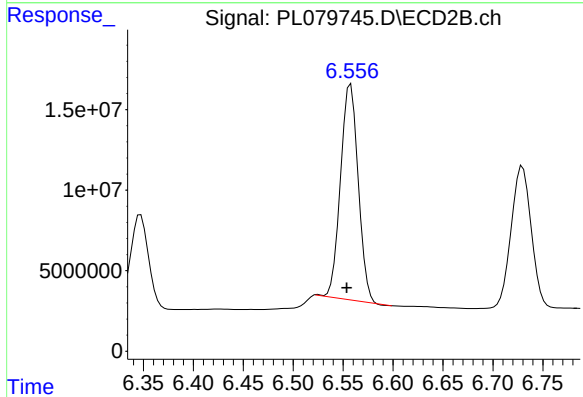
R.T.: 6.347 min  
Delta R.T.: 0.004 min  
Response: 75386163  
Conc: 55.46 ng/ml



#21 Endrin ketone

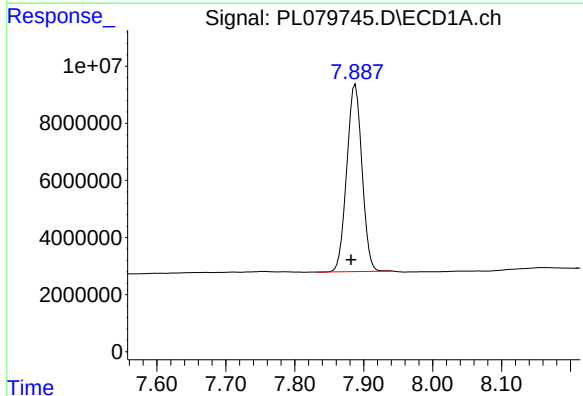
R.T.: 7.430 min  
Delta R.T.: 0.005 min  
Response: 135405217  
Conc: 54.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



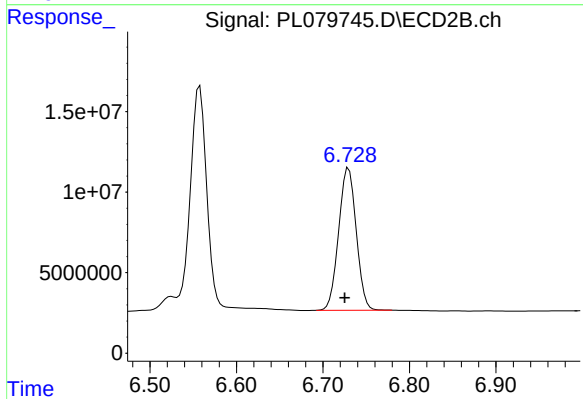
#21 Endrin ketone

R.T.: 6.558 min  
Delta R.T.: 0.004 min  
Response: 164249374  
Conc: 53.33 ng/ml



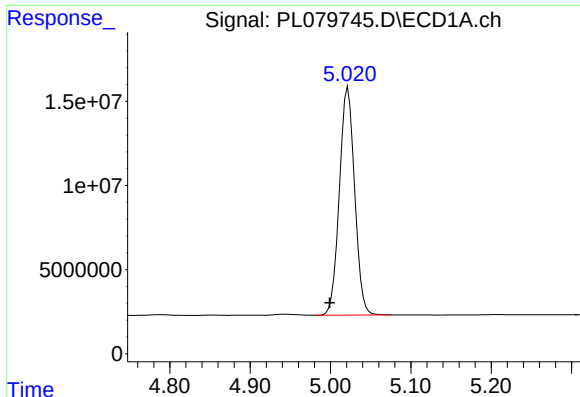
#22 Mirex

R.T.: 7.888 min  
Delta R.T.: 0.006 min  
Response: 100556790  
Conc: 53.09 ng/ml



#22 Mirex

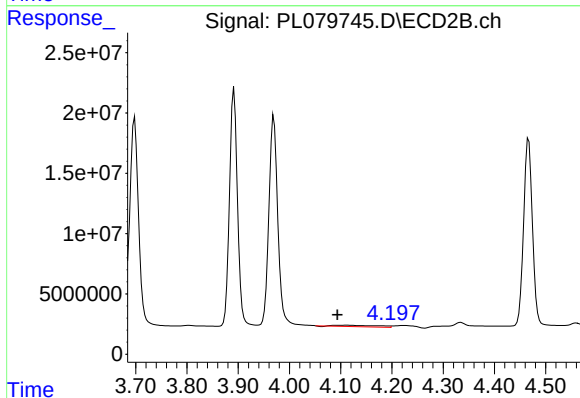
R.T.: 6.730 min  
Delta R.T.: 0.004 min  
Response: 124177880  
Conc: 52.51 ng/ml



#24 Chlordane-2

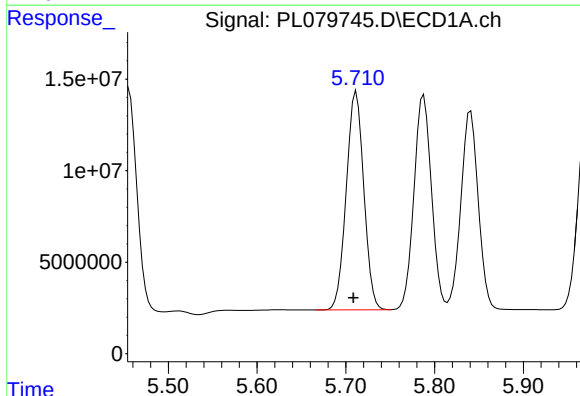
R.T.: 5.022 min  
Delta R.T.: 0.023 min  
Response: 178689082  
Conc: 1695.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



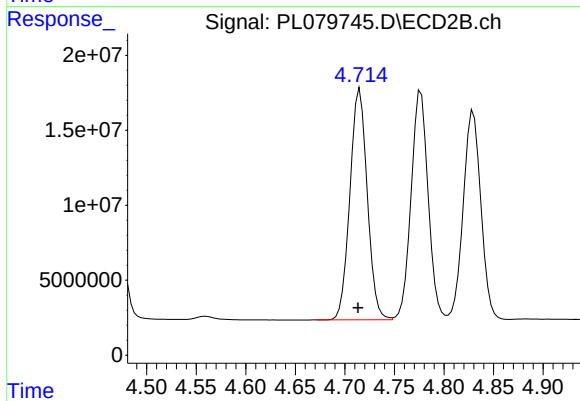
#24 Chlordane-2

R.T.: 4.111 min  
Delta R.T.: 0.018 min  
Response: 6929668  
Conc: 59.19 ng/ml



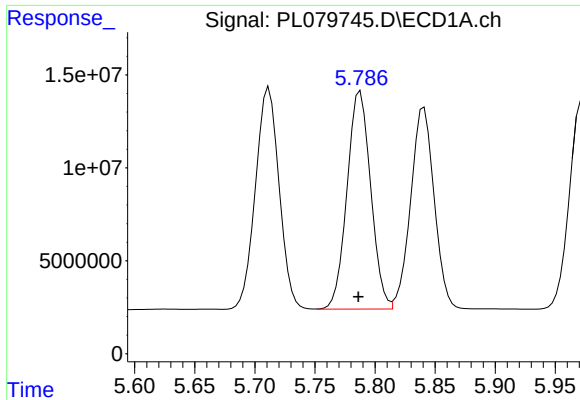
#25 Chlordane-3

R.T.: 5.712 min  
Delta R.T.: 0.003 min  
Response: 163638277  
Conc: 394.09 ng/ml



#25 Chlordane-3

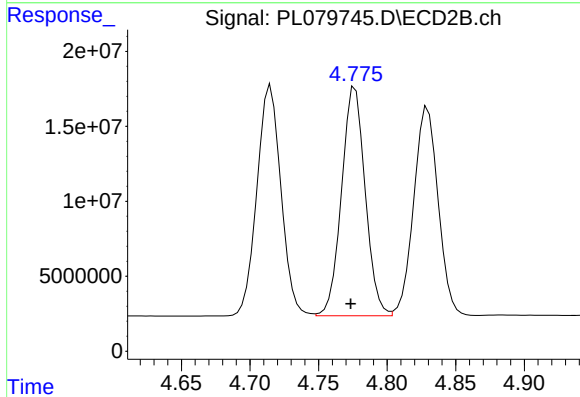
R.T.: 4.715 min  
Delta R.T.: 0.002 min  
Response: 188003037  
Conc: 562.37 ng/ml



#26 Chlordane-4

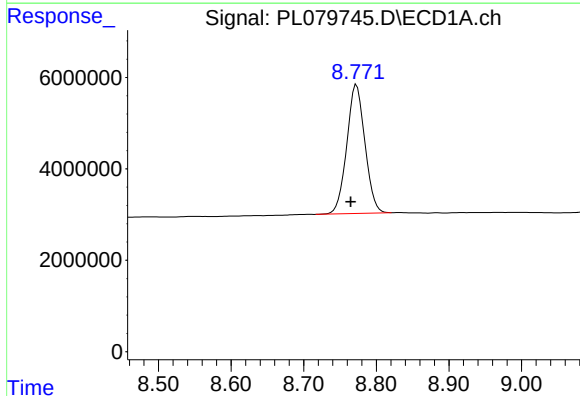
R.T.: 5.788 min  
Delta R.T.: 0.001 min  
Response: 161035454  
Conc: 316.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



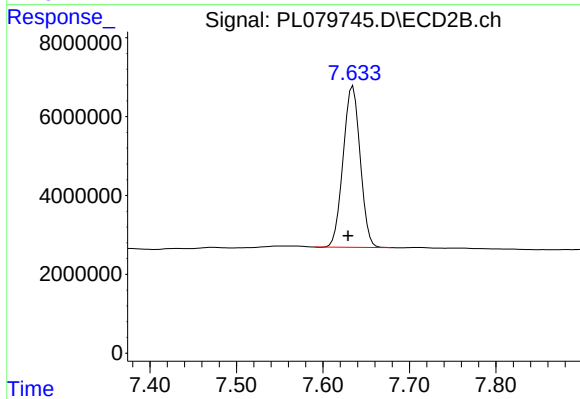
#26 Chlordane-4

R.T.: 4.777 min  
Delta R.T.: 0.003 min  
Response: 183404029  
Conc: 506.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.773 min  
Delta R.T.: 0.008 min  
Response: 49026772  
Conc: 25.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.635 min  
Delta R.T.: 0.006 min  
Response: 55710777  
Conc: 23.71 ng/ml